

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056897.D
 Acq On : 24 Jul 2019 00:42
 Operator : JC/SP
 Sample : VN0724WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 03:50:12 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	57093	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	303235	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	259232	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	110995	29.71	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.03%
60) 4-Bromofluorobenzene	12.40	95	115840	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	10.09	98	377048	30.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	66239	19.405 ug/l	95
3) Chloromethane	2.06	50	84250	20.226 ug/l	99
4) Vinyl Chloride	2.19	62	79561	19.811 ug/l	100
5) Bromomethane	2.56	94	49565	20.101 ug/l	96
6) Chloroethane	2.71	64	44475	19.965 ug/l	98
7) Trichlorofluoromethane	3.02	101	98057	20.050 ug/l	99
8) Diethyl Ether	3.41	74	35679	19.579 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	58718	19.118 ug/l	98
10) 1,1-Dichloroethene	3.73	96	61186	20.074 ug/l	96
11) Methyl Iodide	3.95	142	81305	18.031 ug/l	100
12) Methyl Acetate	4.33	43	66855	17.923 ug/l	# 90
13) Acrolein	3.60	56	39093	92.601 ug/l	97
14) Acrylonitrile	4.99	53	137568	95.627 ug/l	98
15) Acetone	3.82	58	35711	96.017 ug/l	93
16) Carbon Disulfide	4.05	76	155790	18.955 ug/l	98
17) Allyl chloride	4.32	41	94832	18.593 ug/l	98
18) Methylene Chloride	4.55	84	70905	19.987 ug/l	98
19) trans-1,2-Dichloroethene	5.04	96	62897	19.498 ug/l	95
20) Diisopropyl ether	5.96	45	208300	20.114 ug/l	97
21) 1,1-Dichloroethane	5.85	63	120247	19.980 ug/l	98
22) cis-1,2-Dichloroethene	6.83	96	72011	19.262 ug/l	99
23) tert-Butyl Alcohol	4.81	59	47567	99.081 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	177107	19.219 ug/l	99
25) Chloroform	7.37	83	116485	19.841 ug/l	98
26) Cyclohexane	7.65	56	107617	19.466 ug/l	# 99
29) 1,1-Dichloropropene	7.79	75	86512	20.104 ug/l	98
30) 2-Butanone	6.84	43	165783	95.892 ug/l	99
31) 2,2-Dichloropropane	6.82	77	69182	17.324 ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	95149	20.124 ug/l	100
33) Carbon Tetrachloride	7.77	117	82059	19.884 ug/l	99
34) Benzene	8.04	78	274638	20.255 ug/l	99
35) Methacrylonitrile	7.18	41	35695	20.674 ug/l	97
36) 1,2-Dichloroethane	8.13	62	86655	20.558 ug/l	99
37) Trichloroethene	8.83	130	72349	19.903 ug/l	93
38) Methylcyclohexane	9.08	83	103968	18.993 ug/l	99
39) 1,2-Dichloropropane	9.12	63	74549	20.598 ug/l	99
40) Dibromomethane	9.21	93	44649	20.110 ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056897.D
 Acq On : 24 Jul 2019 00:42
 Operator : JC/SP
 Sample : VN0724WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 03:50:12 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)
41) Bromodichloromethane	9.40	83	83814	19.645	ug/l	99
42) Vinyl Acetate	5.90	43	748923	97.273	ug/l	100
43) Ethyl Acetate	6.93	43	68669	19.375	ug/l #	90
44) Isopropyl Acetate	8.17	43	113249	19.170	ug/l #	88
45) 1,4-Dioxane	9.20	88	22017	391.470	ug/l	95
46) Methyl methacrylate	9.20	41	56443	19.151	ug/l	96
47) n-amyl Acetate	12.07	43	85370	18.052	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	80132	18.049	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	98140	18.970	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	64779	20.321	ug/l	98
51) Ethyl methacrylate	10.43	69	89207	19.348	ug/l	97
52) 1,3-Dichloropropane	10.71	76	108347	20.139	ug/l	99
53) Dibromochloromethane	10.90	129	63258	19.091	ug/l	100
54) 1,2-Dibromoethane	11.00	107	64364	19.792	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	180145	90.213	ug/l	99
56) Bromoform	12.13	173	42644	18.601	ug/l	98
58) 4-Methyl-2-Pentanone	9.98	43	349556	100.482	ug/l	99
59) 2-Hexanone	10.75	43	235748	99.450	ug/l	99
61) Tetrachloroethene	10.63	164	77274	21.269	ug/l	99
62) Toluene	10.15	91	288983	20.497	ug/l	100
64) Chlorobenzene	11.43	112	172765	20.343	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	65148	20.253	ug/l	99
66) Ethyl Benzene	11.51	91	296525	19.959	ug/l	99
67) m/p-Xylenes	11.62	106	222586	40.177	ug/l	99
68) o-Xylene	11.95	106	107411	19.719	ug/l	96
69) Styrene	11.96	104	175461	19.878	ug/l	100
70) Isopropylbenzene	12.25	105	294999	20.568	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	83078	20.681	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	94277	26.674	ug/l	66
73) Bromobenzene	12.53	156	73368	19.824	ug/l	98
74) n-propylbenzene	12.59	91	310317	19.788	ug/l	100
75) 2-Chlorotoluene	12.67	91	194520	20.459	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	246331	20.402	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	17416	15.694	ug/l	99
78) 4-Chlorotoluene	12.77	91	179532	19.865	ug/l	100
79) tert-butylbenzene	12.99	119	209783	20.134	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	239203	20.322	ug/l	99
81) sec-Butylbenzene	13.17	105	268350	19.728	ug/l	99
82) p-Isopropyltoluene	13.29	119	240093	19.653	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	111255	19.093	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	102564	18.616	ug/l	99
85) n-Butylbenzene	13.61	91	175471	18.292	ug/l	99
86) Hexachloroethane	13.87	117	39408	19.275	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	117217	20.252	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12063	19.411	ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	43476	18.923	ug/l	100
90) Hexachlorobutadiene	15.01	225	41651	19.578	ug/l	98
91) Naphthalene	15.13	128	109343	18.364	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	51040	16.681	ug/l	98

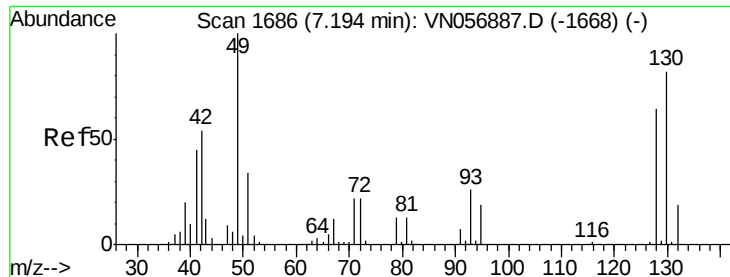
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
Data File : VN056897.D
Acq On : 24 Jul 2019 00:42
Operator : JC/SP
Sample : VN0724WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 24 03:50:12 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)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :
MSVOA_N
ClientSampleId :

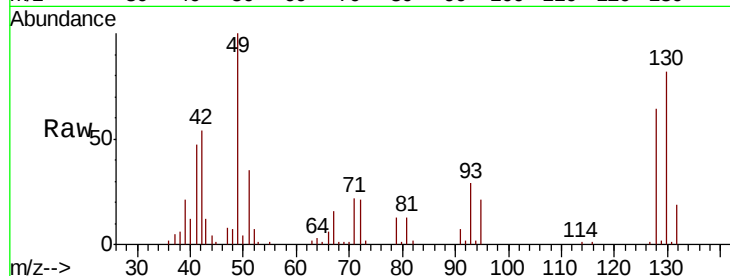
Tot Ion:128 Resp: 57093

Ion Ratio Lower Upper

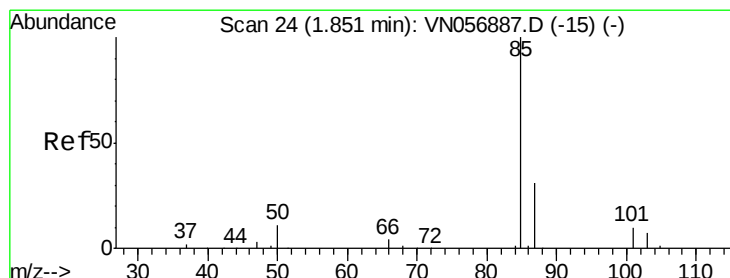
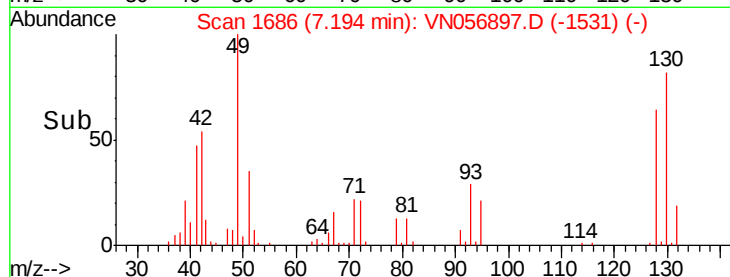
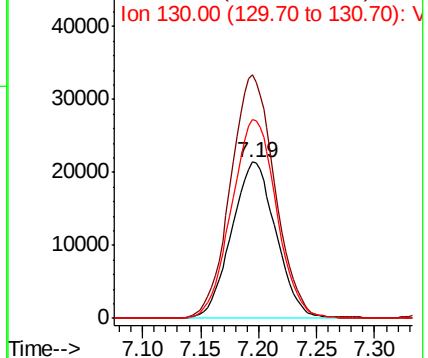
128 100

49 155.4 0.0 385.8

130 129.2 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: 19.405 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN056897.D

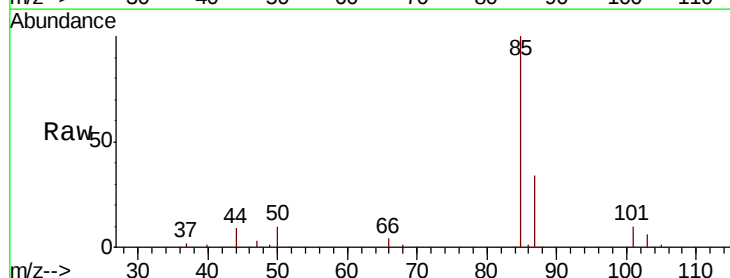
Acq: 24 Jul 2019 00:42

Tgt Ion: 85 Resp: 66239

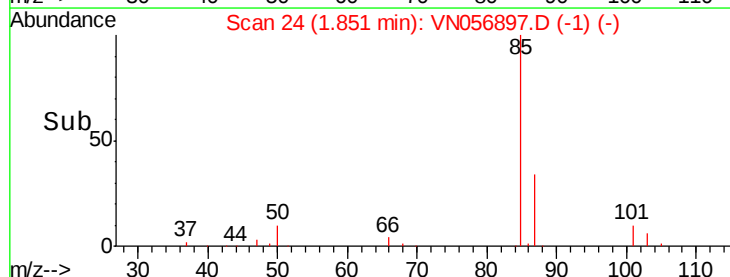
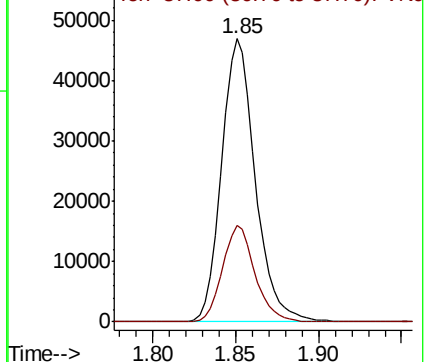
Ion Ratio Lower Upper

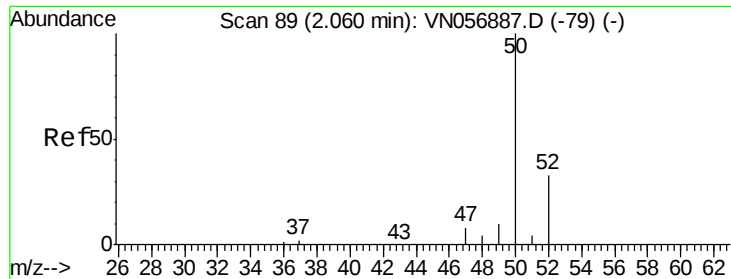
85 100

87 34.1 15.6 46.8



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

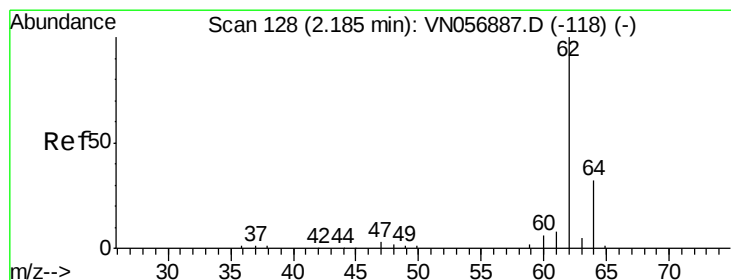
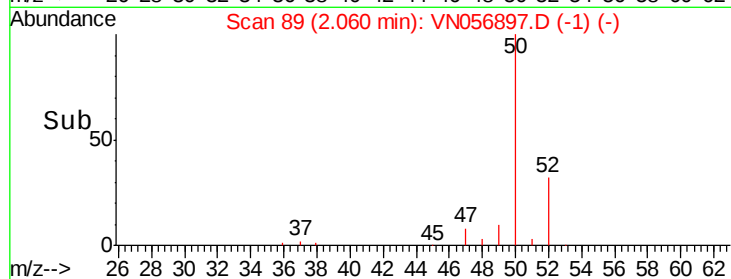
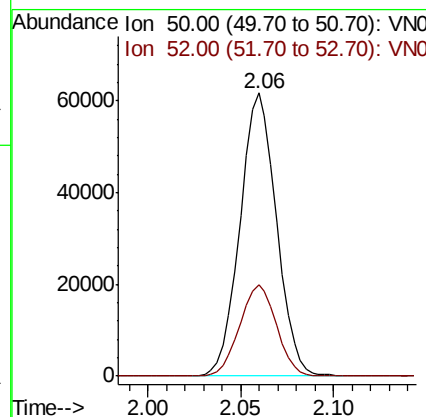
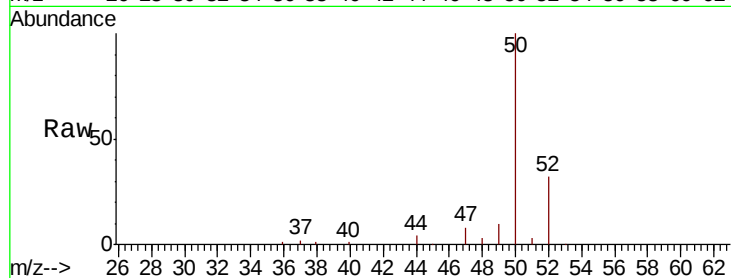




#3
 Chloromethane
 Concen: 20.226 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

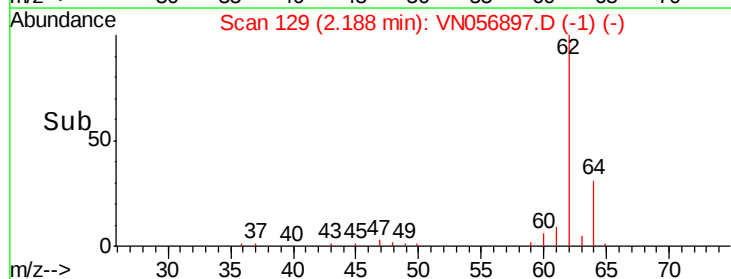
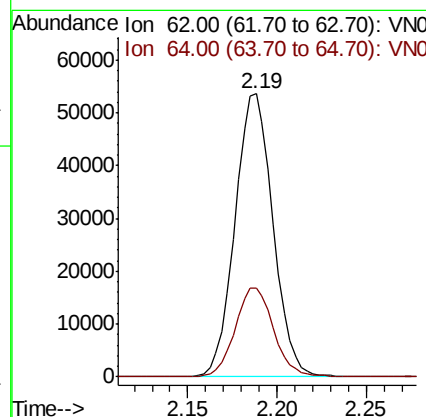
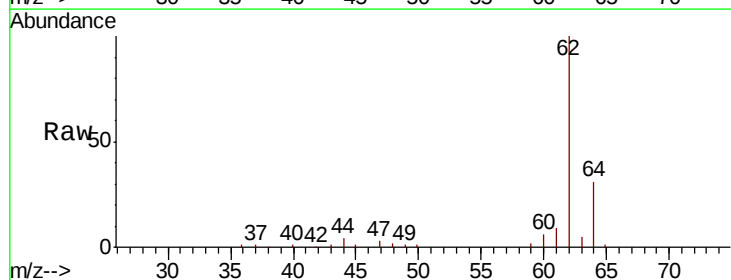
Instrument :
 MSVOA_N
 ClientSampleId :

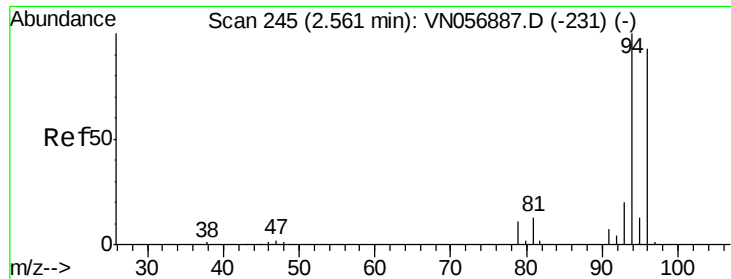
Tot Ion: 50 Resp: 84250
 Ion Ratio Lower Upper
 50 100
 52 32.1 26.2 39.2



#4
 Vinyl Chloride
 Concen: 19.811 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 62 Resp: 79561
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.4 38.0

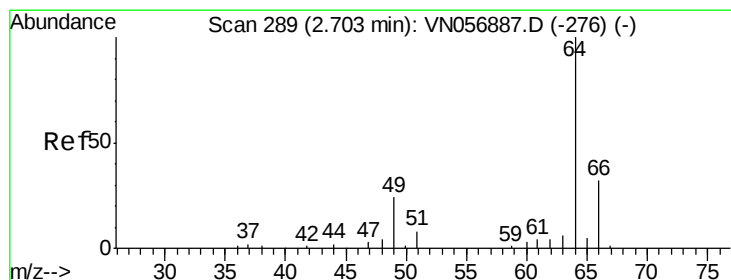
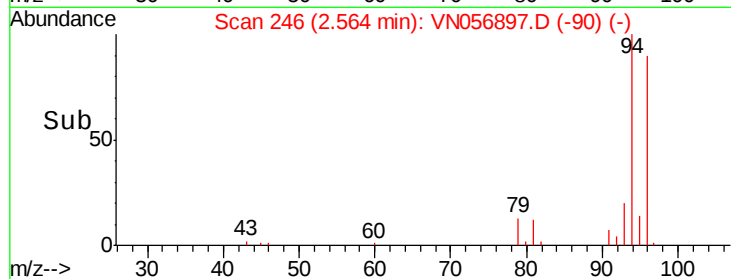
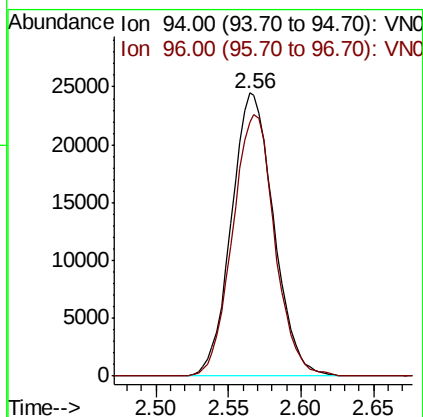
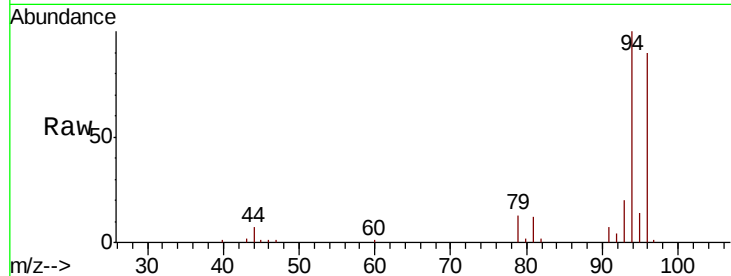




#5
Bromomethane
Concen: 20.101 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

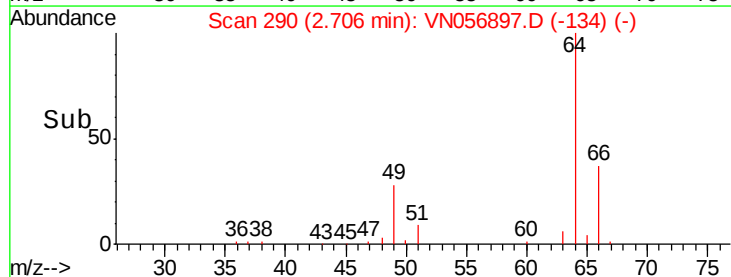
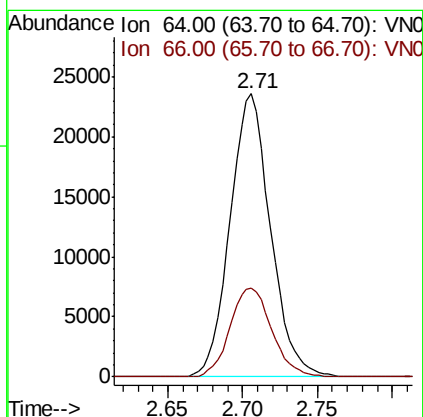
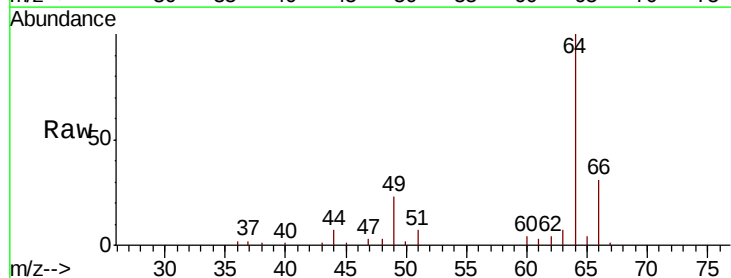
Instrument :
MSVOA_N
ClientSampled :

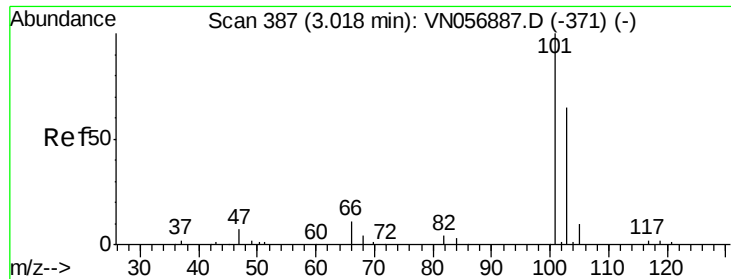
Tot Ion: 94 Resp: 49565
Ion Ratio Lower Upper
94 100
96 89.8 74.7 112.1



#6
Chloroethane
Concen: 19.965 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 64 Resp: 44475
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.8



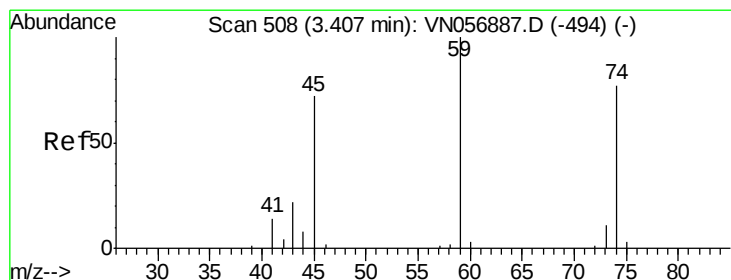
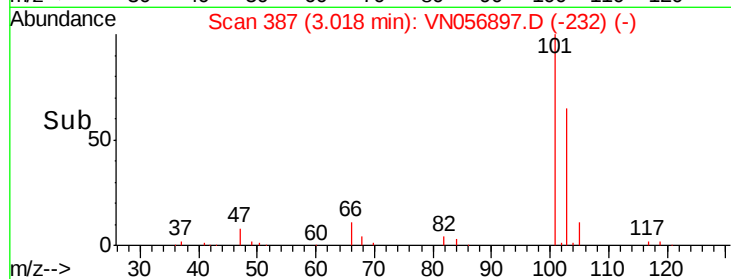
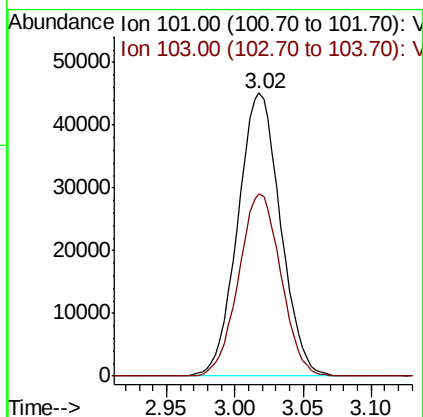
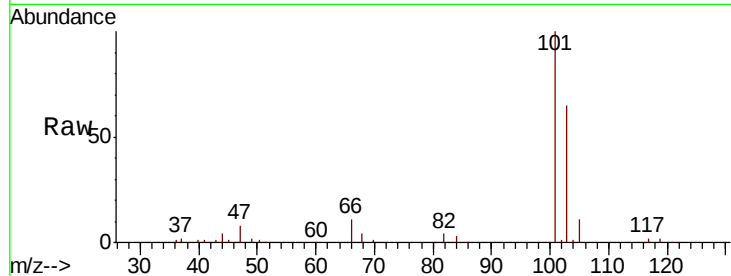


#7

Trichlorofluoromethane
 Concen: 20.050 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Instrument :
 MSVOA_N
 ClientSampled :

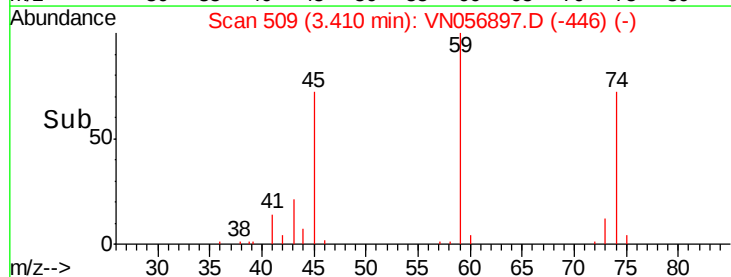
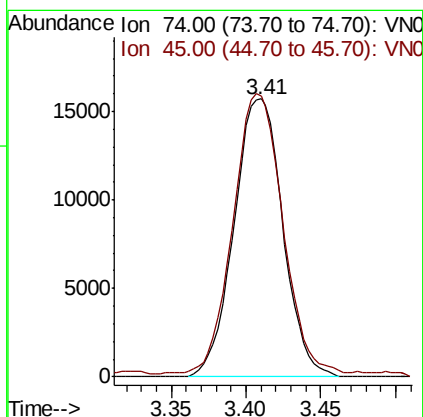
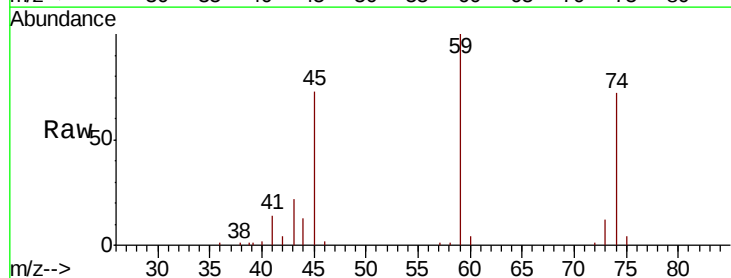
Tot Ion:101 Resp: 98057
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4

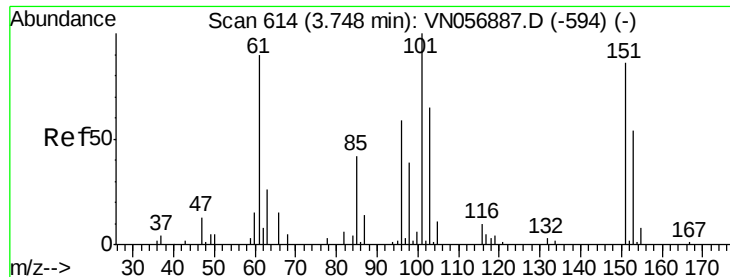


#8

Diethyl Ether
 Concen: 19.579 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 74 Resp: 35679
 Ion Ratio Lower Upper
 74 100
 45 103.0 19.5 175.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.118 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampled :

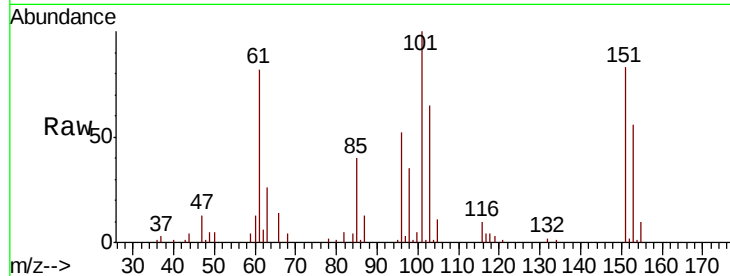
Tot Ion:101 Resp: 58718

Ion Ratio Lower Upper

101 100

85 42.2 0.0 85.0

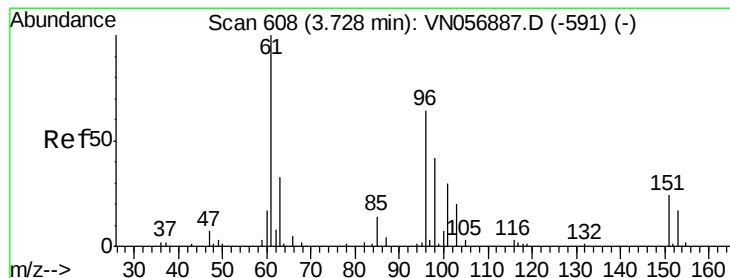
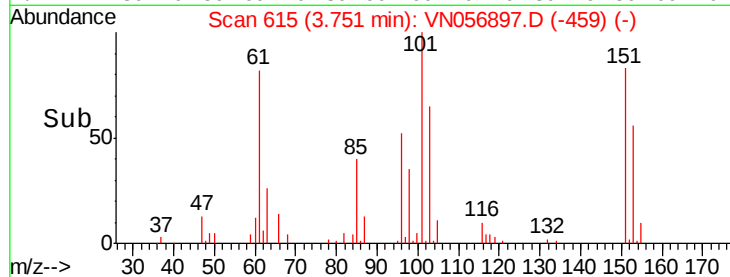
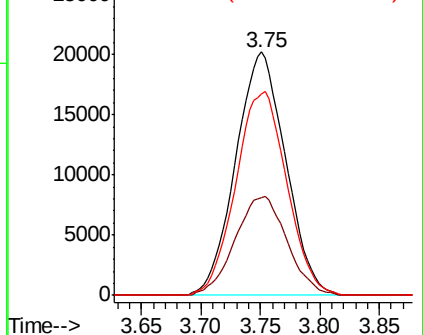
151 85.5 0.0 167.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.074 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

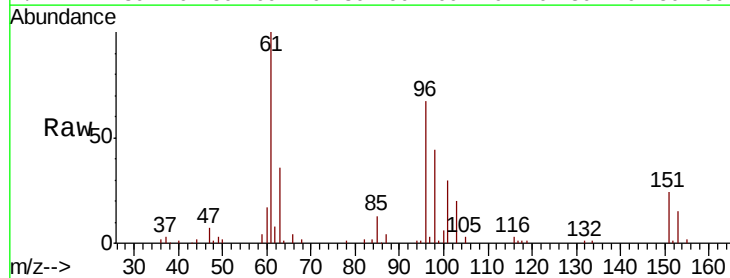
Tgt Ion: 96 Resp: 61186

Ion Ratio Lower Upper

96 100

61 149.6 125.8 188.8

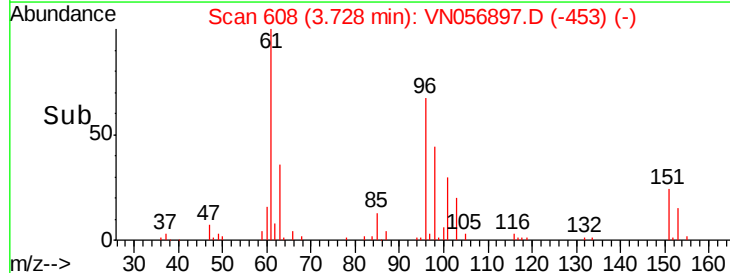
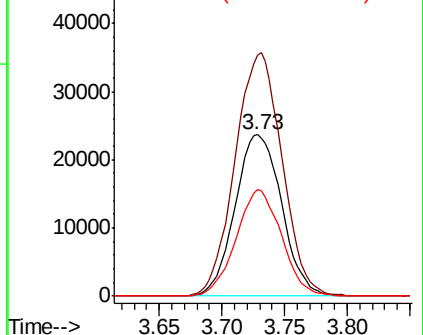
98 65.9 52.7 79.1

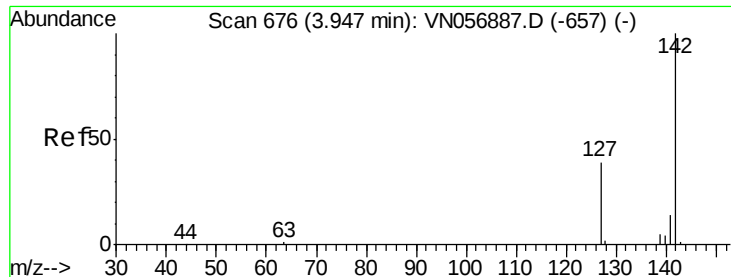


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

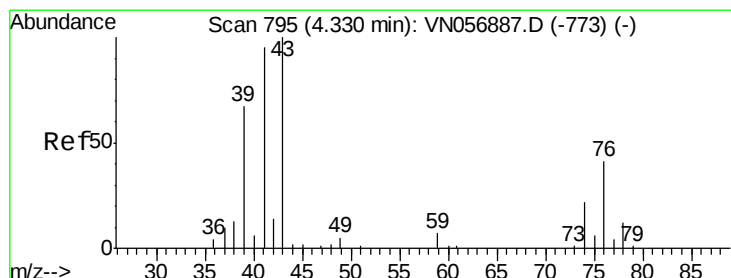
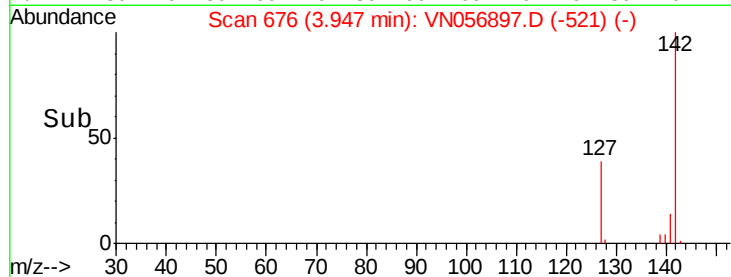
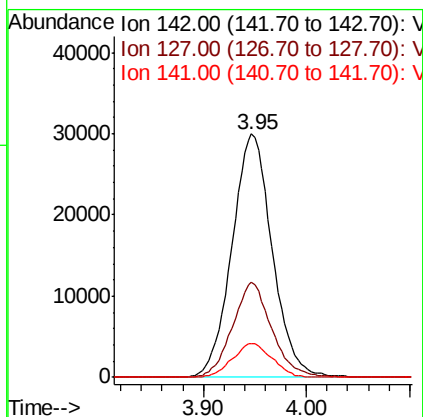
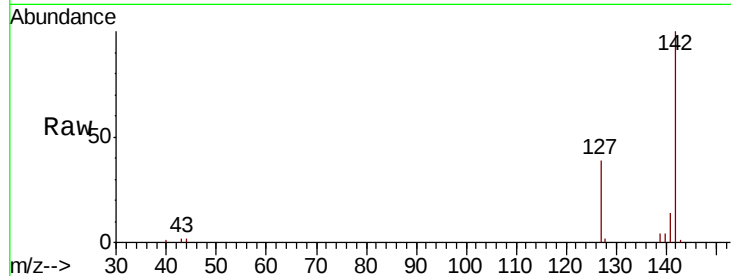




#11
Methvl Iodide
Concen: 18.031 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

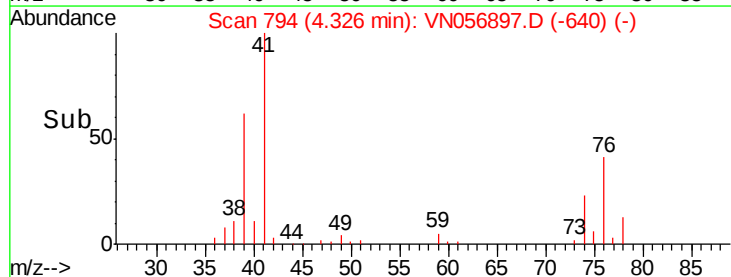
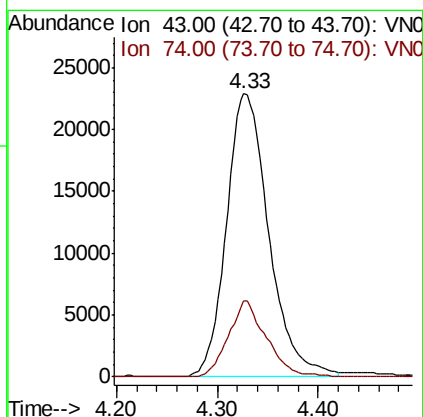
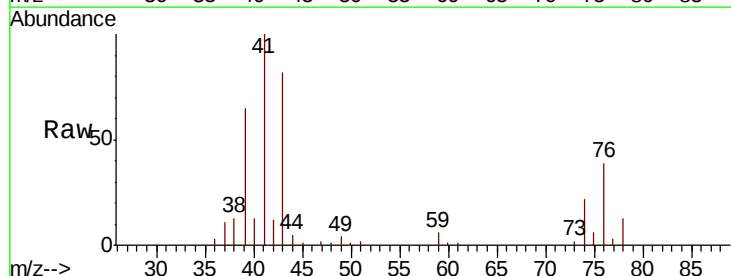
Instrument :
MSVOA_N
ClientSampleId :

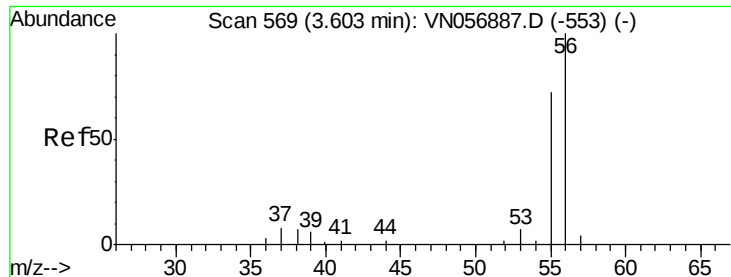
Tot Ion:142 Resp: 81305
Ion Ratio Lower Upper
142 100
127 39.3 19.6 58.8
141 14.0 7.2 21.6



#12
Methyl Acetate
Concen: 17.923 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 43 Resp: 66855
Ion Ratio Lower Upper
43 100
74 27.2 18.1 27.1#





#13

Acrolein

Concen: 92.601 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

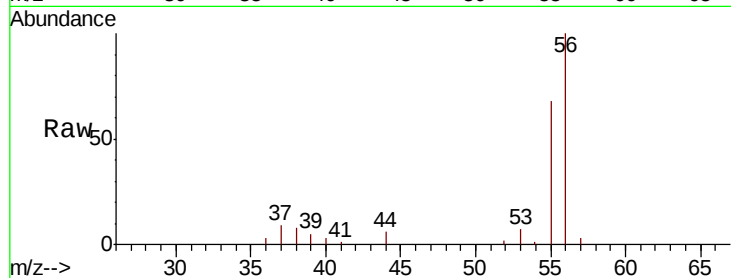
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 39093

Ion Ratio Lower Upper

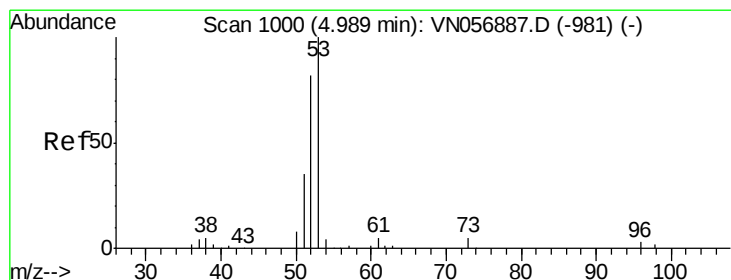
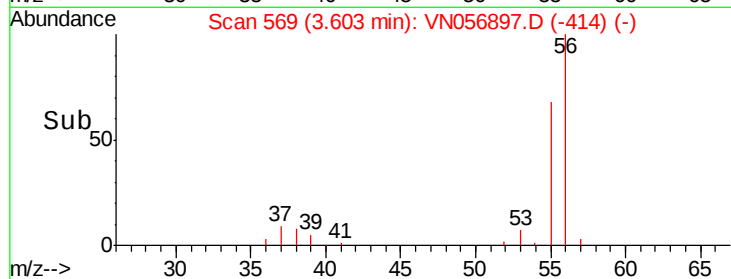
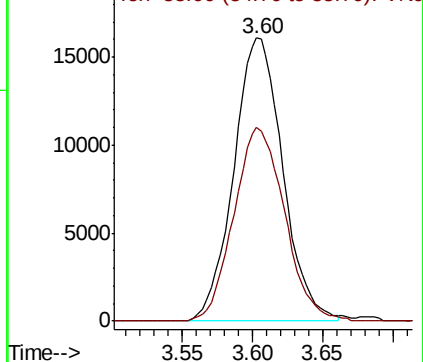
56 100

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: 95.627 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

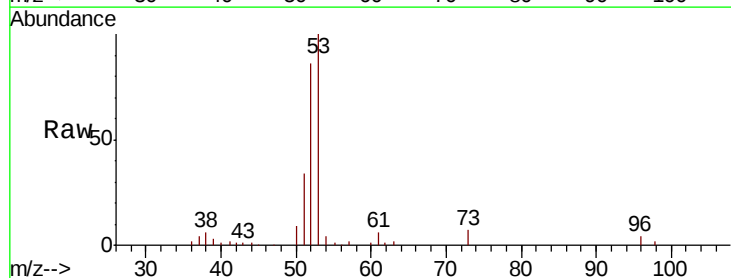
Tgt Ion: 53 Resp: 137568

Ion Ratio Lower Upper

53 100

52 84.0 40.8 122.5

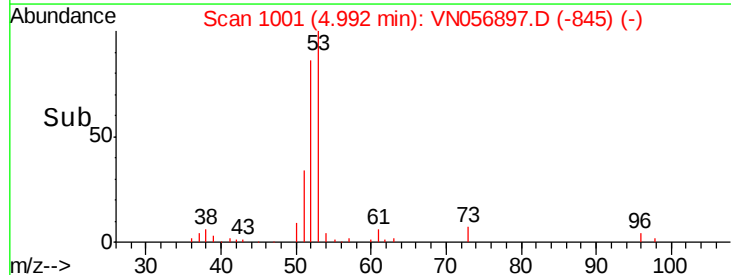
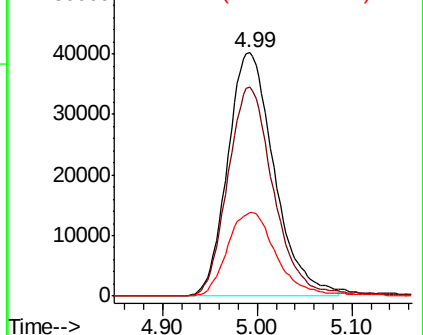
51 35.8 17.4 52.2

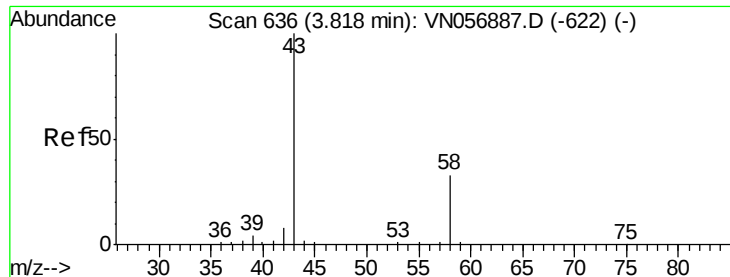


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 96.017 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

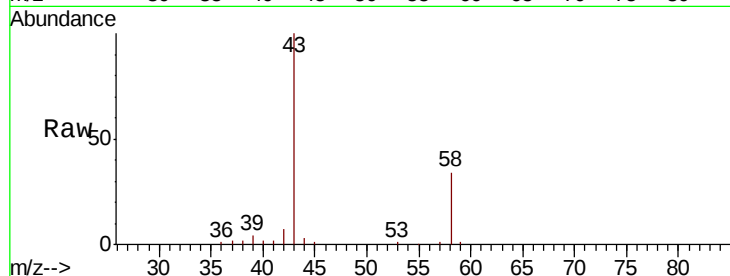
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 58 Resp: 35711

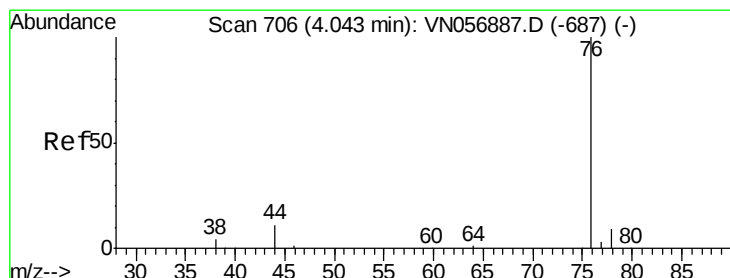
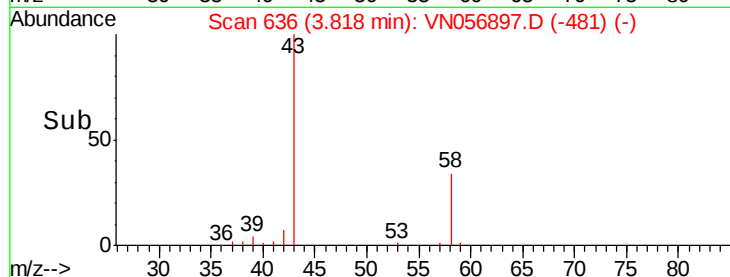
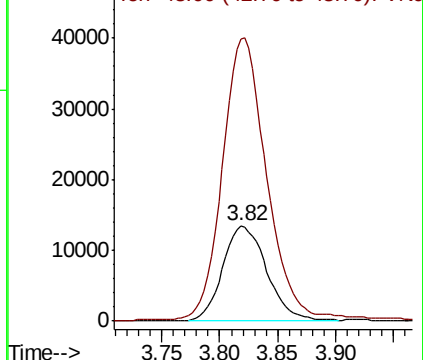
Ion Ratio Lower Upper

58 100

43 288.6 242.4 363.6



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



#16

Carbon Disulfide

Concen: 18.955 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056897.D

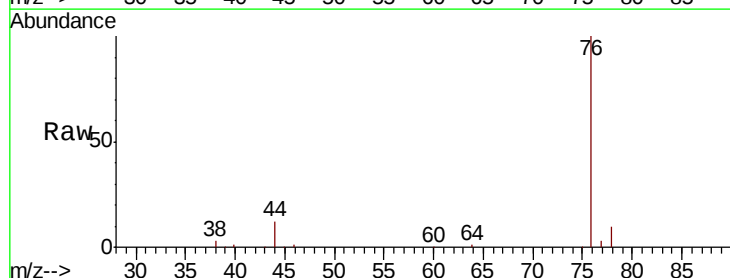
Acq: 24 Jul 2019 00:42

Tgt Ion: 76 Resp: 155790

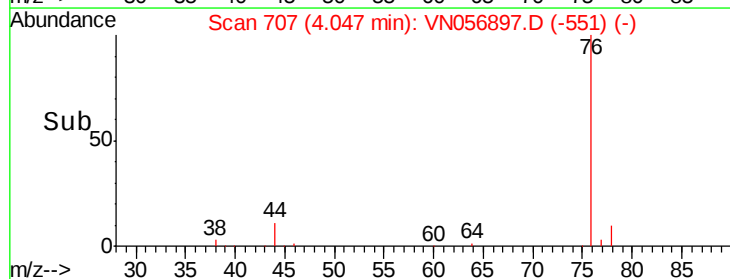
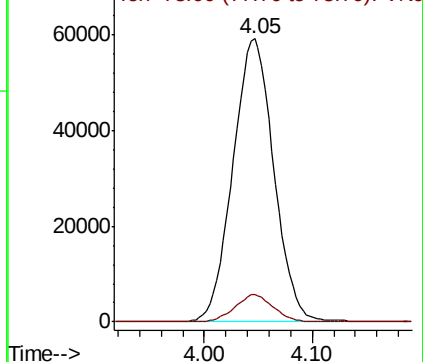
Ion Ratio Lower Upper

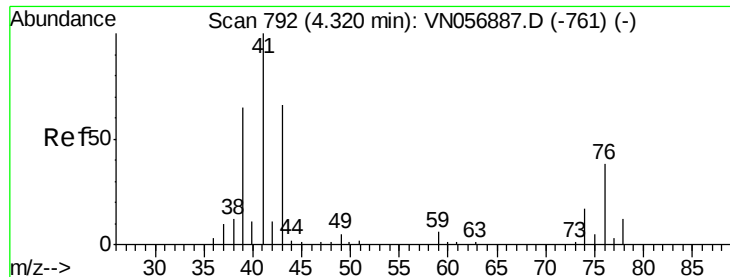
76 100

78 9.7 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: 18.593 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampleId :

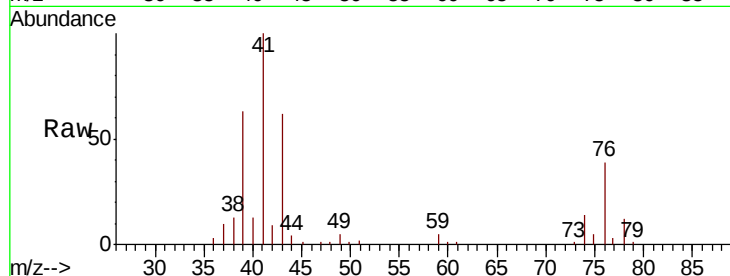
Tot Ion: 41 Resp: 94832

Ion Ratio Lower Upper

41 100

39 63.2 32.4 97.0

76 39.0 19.0 57.0

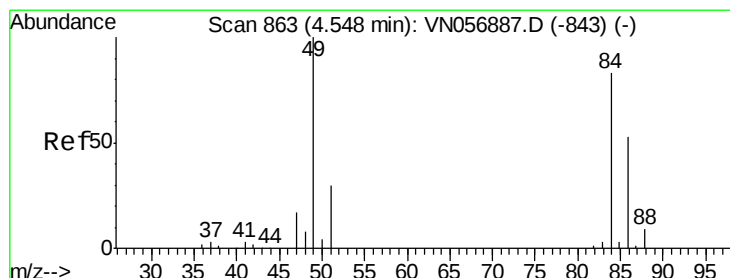
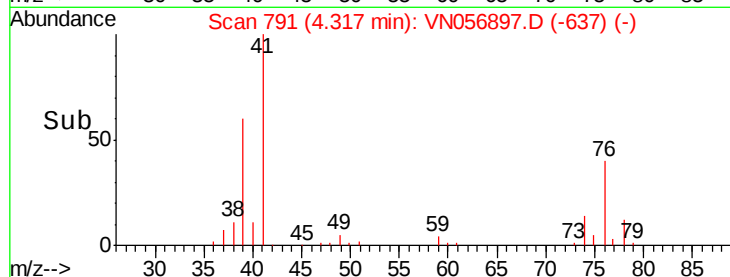
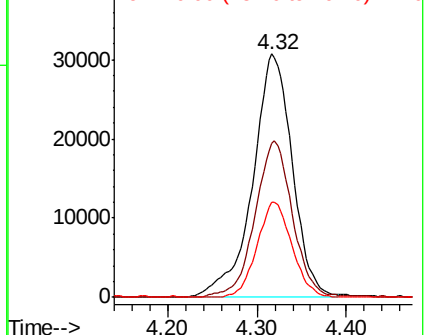


Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 76.00 (75.70 to 76.70): VN0



#18

Methylene Chloride

Concen: 19.987 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Tgt Ion: 84 Resp: 70905

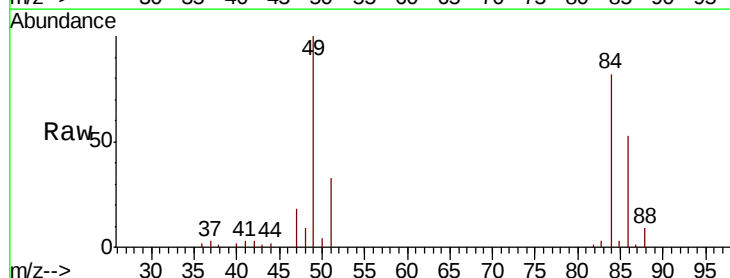
Ion Ratio Lower Upper

84 100

49 120.5 96.3 144.5

51 40.4 28.8 43.2

86 64.6 50.9 76.3



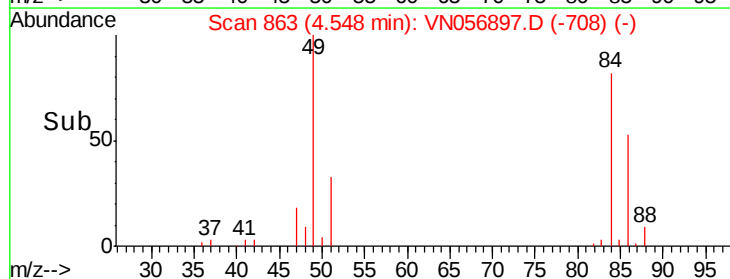
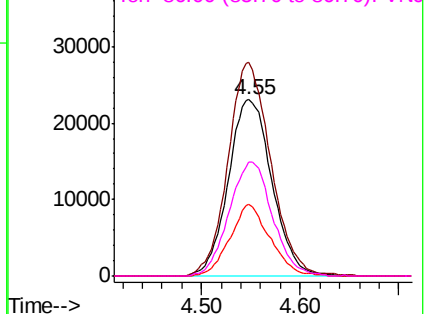
Abundance

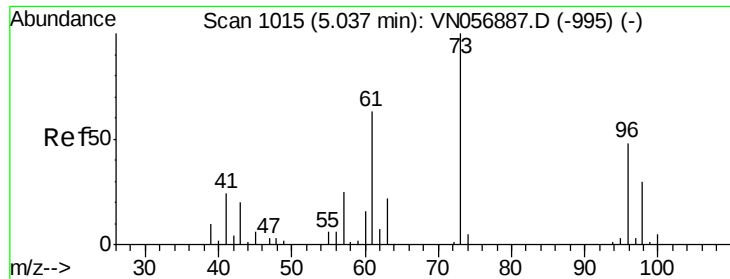
Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

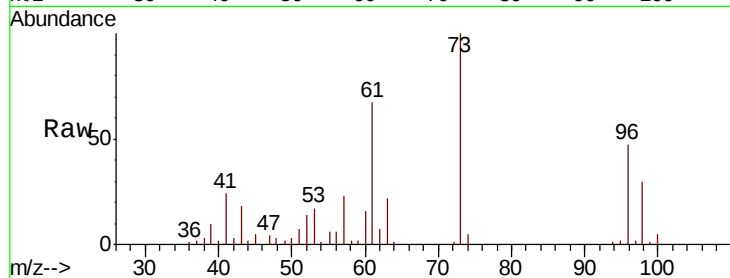




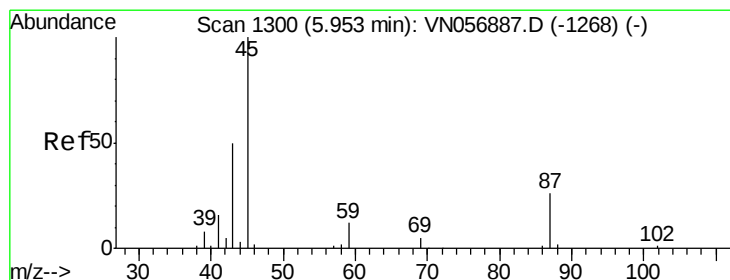
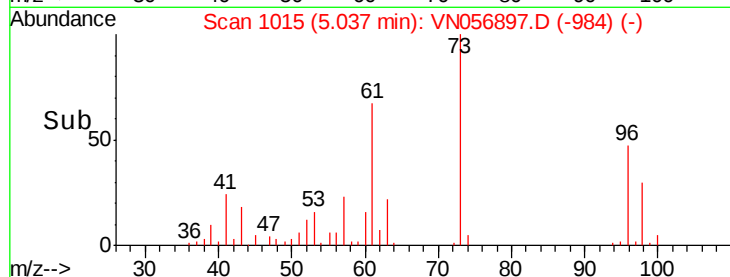
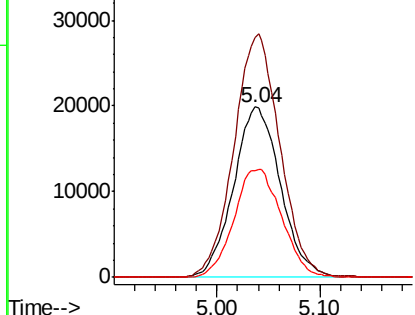
#19
trans-1,2-Dichloroethene
Concen: 19.498 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 62897
Ion Ratio Lower Upper
96 100
61 139.9 105.4 158.0
98 62.6 50.8 76.2

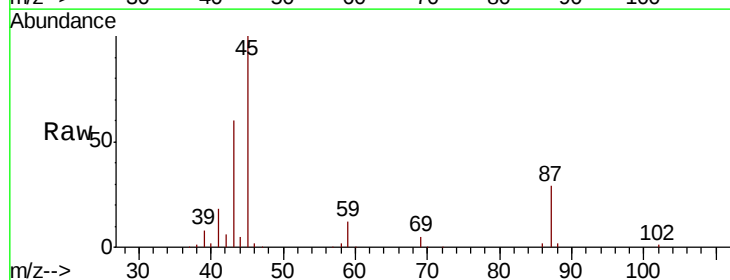


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

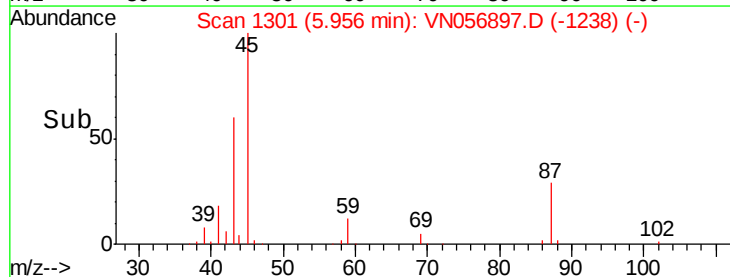
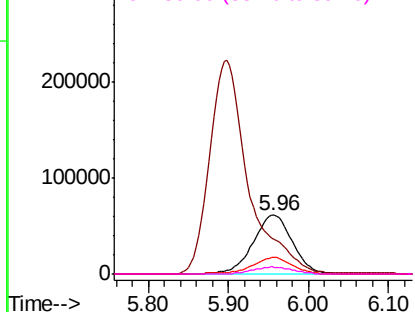


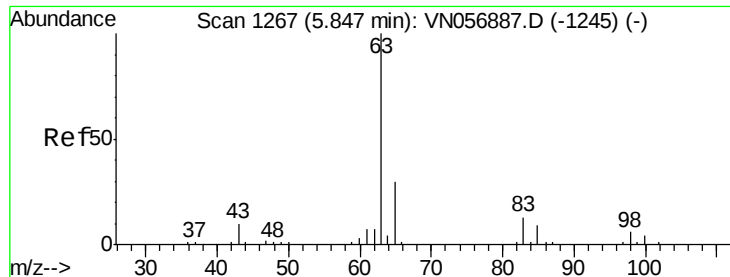
#20
Diisopropyl ether
Concen: 20.114 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 45 Resp: 208300
Ion Ratio Lower Upper
45 100
43 57.5 47.4 71.0
87 29.2 21.7 32.5
59 11.4 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

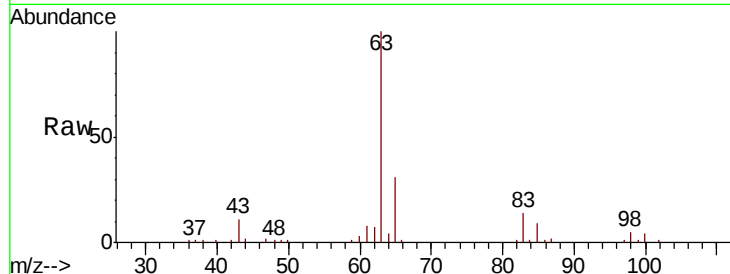




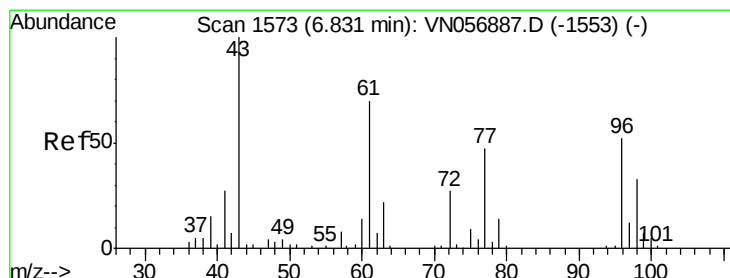
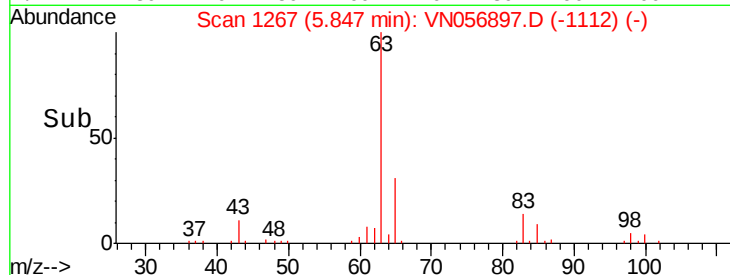
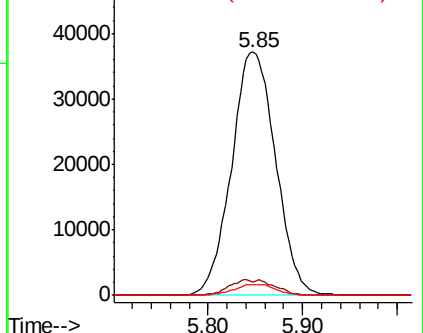
#21
 1,1-Dichloroethane
 Concen: 19.980 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 120247
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.3
 100 4.4 1.8 5.5

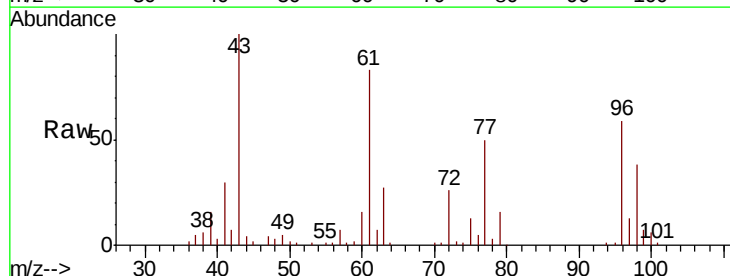


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

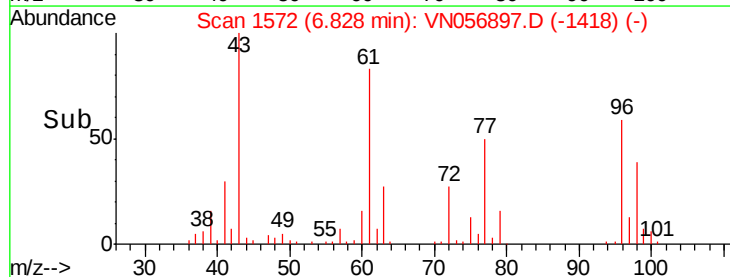
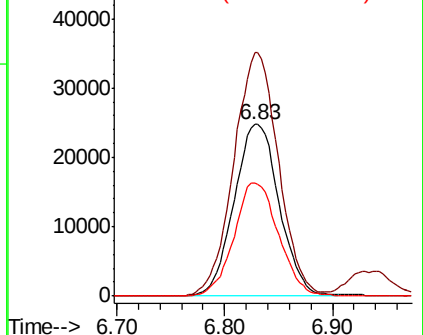


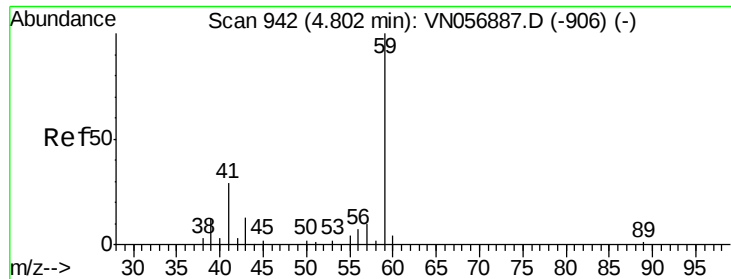
#22
 cis-1,2-Dichloroethene
 Concen: 19.262 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 96 Resp: 72011
 Ion Ratio Lower Upper
 96 100
 61 140.3 111.6 167.4
 98 65.2 51.0 76.4



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





#23

tert-Butyl Alcohol

Concen: 99.081 ug/l

RT: 4.81 min Scan# 944

Delta R.T. 0.01 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

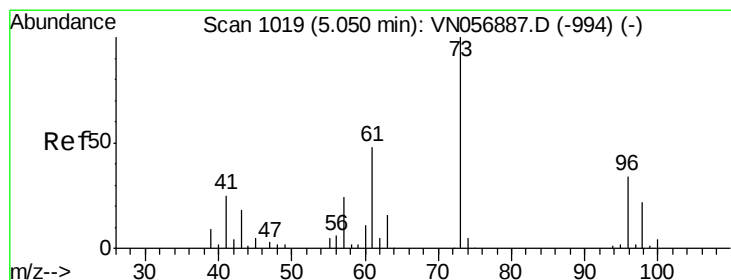
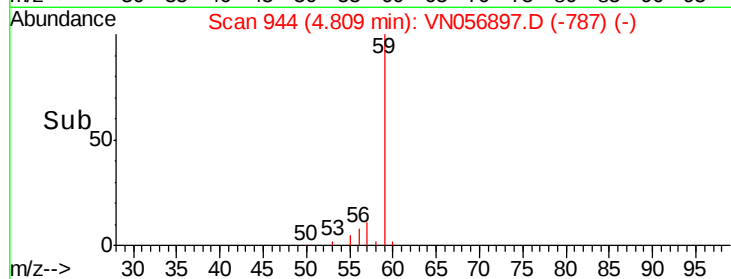
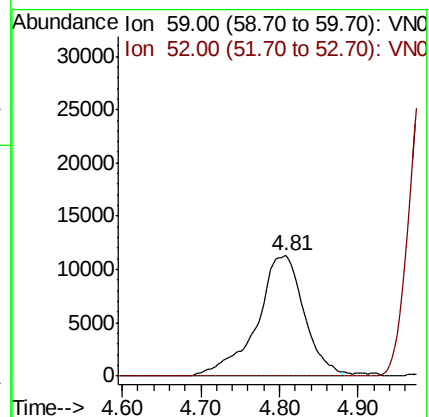
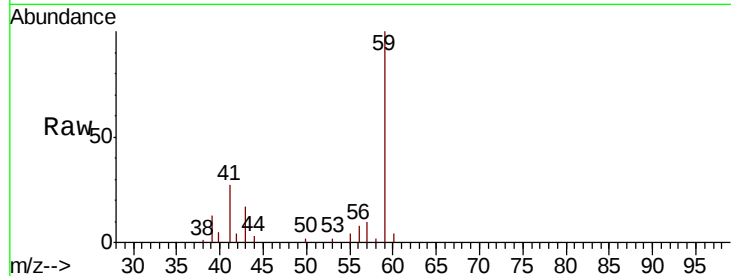
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 47567

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.219 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VN056897.D

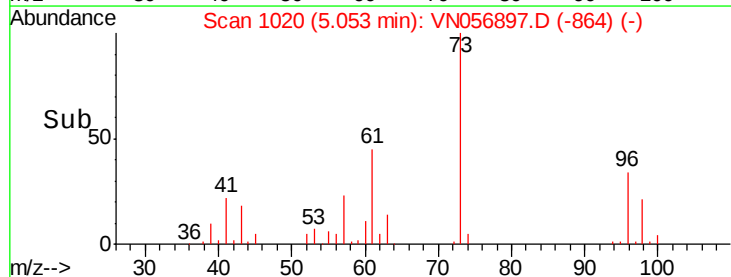
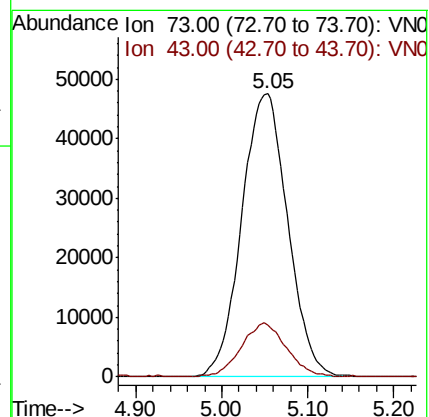
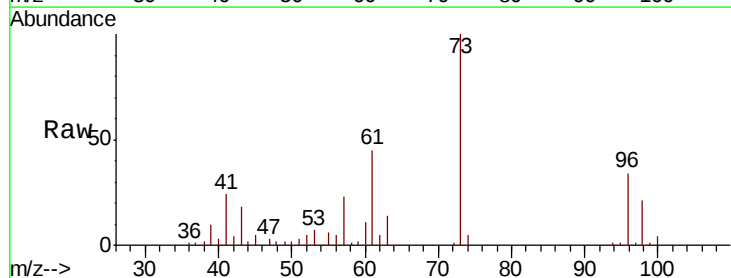
Acq: 24 Jul 2019 00:42

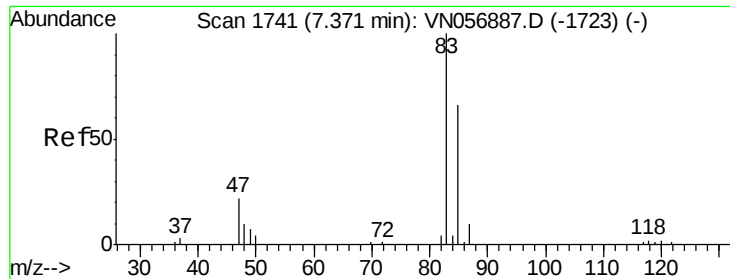
Tgt Ion: 73 Resp: 177107

Ion Ratio Lower Upper

73 100

43 18.7 15.4 23.0

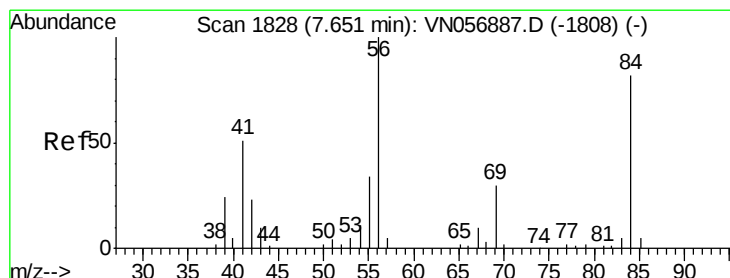
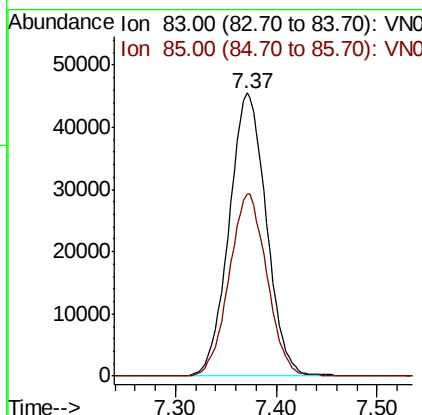
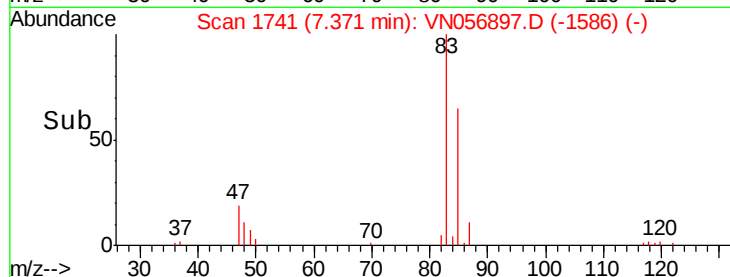
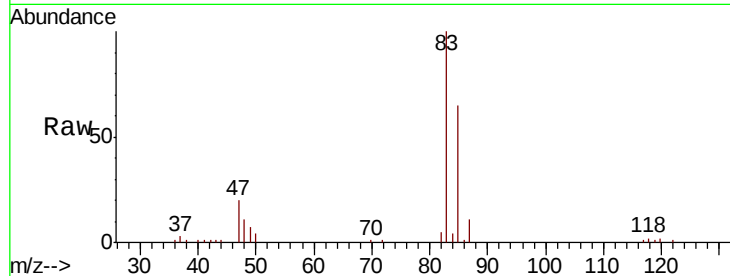




#25
Chloroform
Concen: 19.841 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

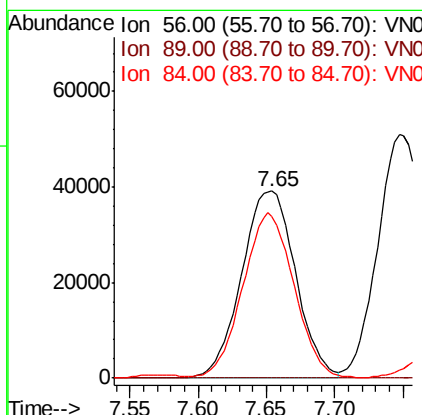
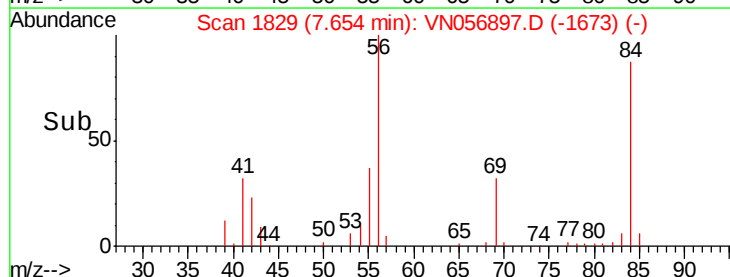
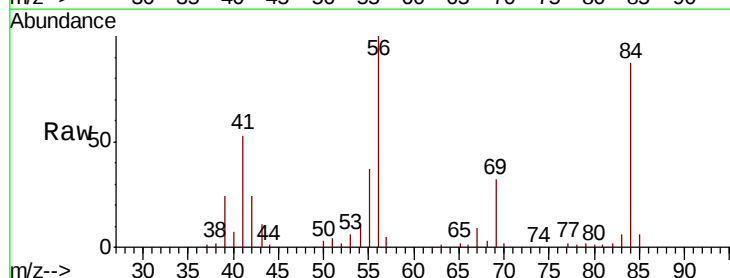
Instrument :
MSVOA_N
ClientSampleId :

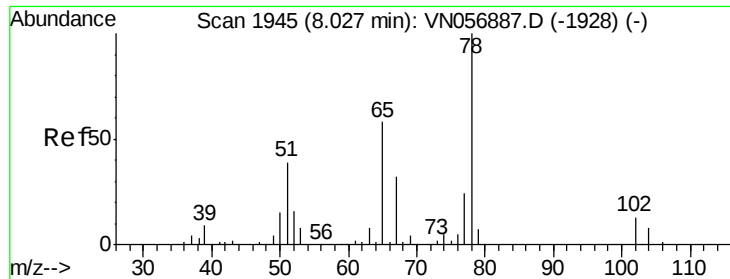
Tot Ion: 83 Resp: 116485
Ion Ratio Lower Upper
83 100
85 64.6 53.1 79.7



#26
Cyclohexane
Concen: 19.466 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 56 Resp: 107617
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.0 67.8 101.6

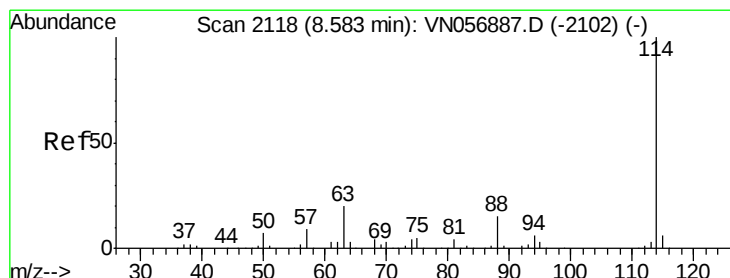
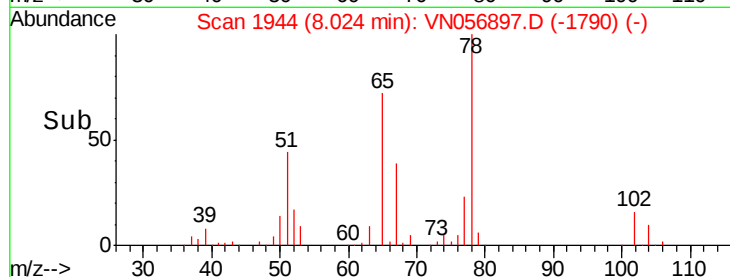
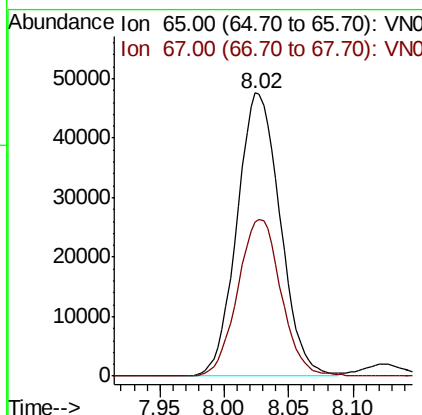
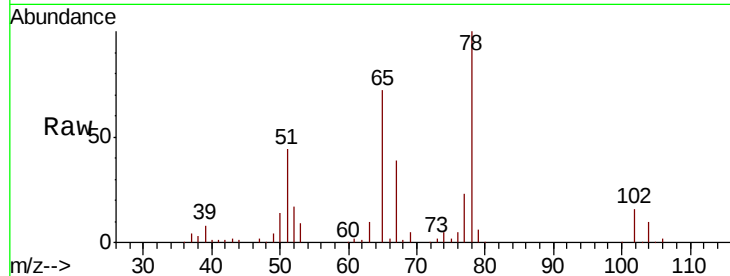




#27
 1,2-Dichloroethane-d4
 Concen: 29.707 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

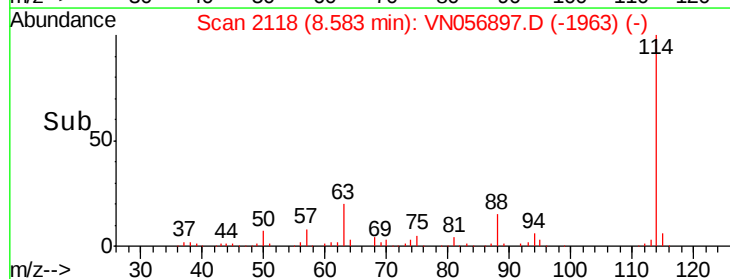
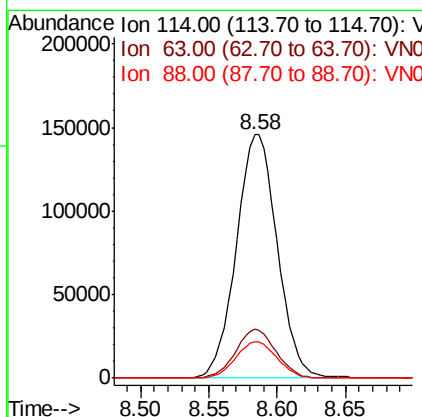
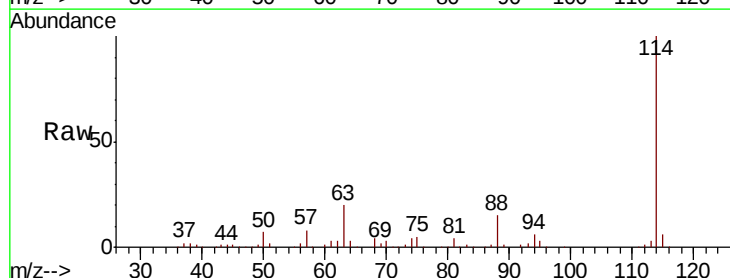
Instrument :
 MSVOA_N
 ClientSampled :

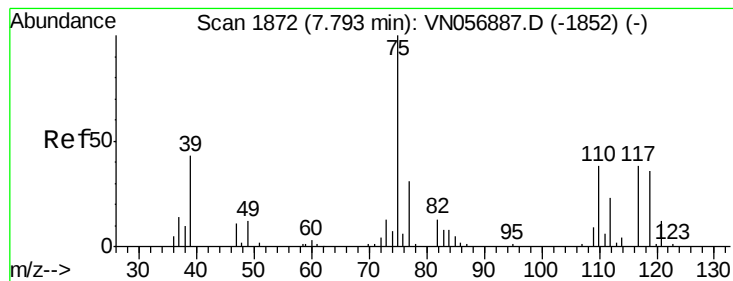
Tot Ion: 65 Resp: 110995
 Ion Ratio Lower Upper
 65 100
 67 55.5 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 114 Resp: 303235
 Ion Ratio Lower Upper
 114 100
 63 19.8 15.8 23.6
 88 15.0 12.5 18.7





#29

1,1-Dichloropropene

Concen: 20.104 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampled :

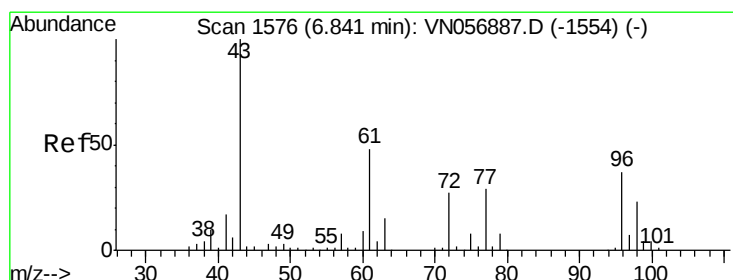
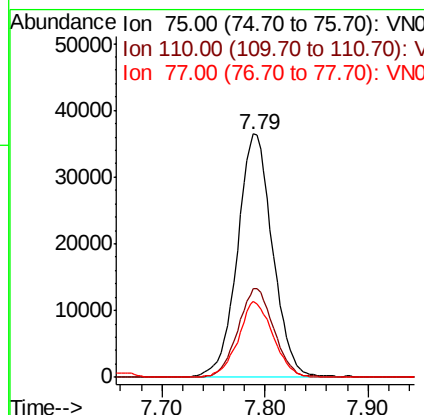
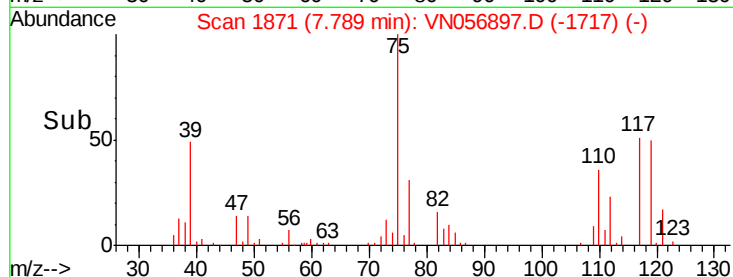
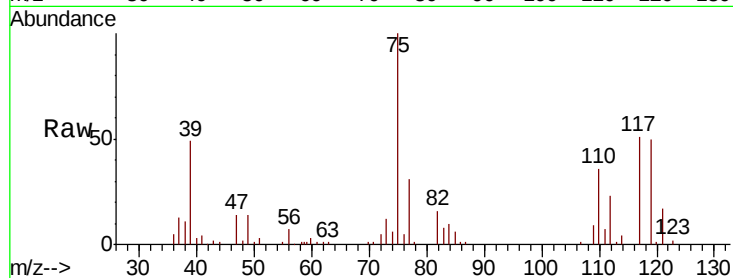
Tot Ion: 75 Resp: 86512

Ion Ratio Lower Upper

75 100

110 37.0 0.0 75.8

77 30.9 0.0 64.0



#30

2-Butanone

Concen: 95.892 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

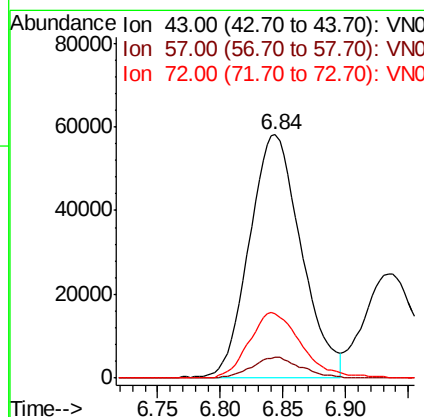
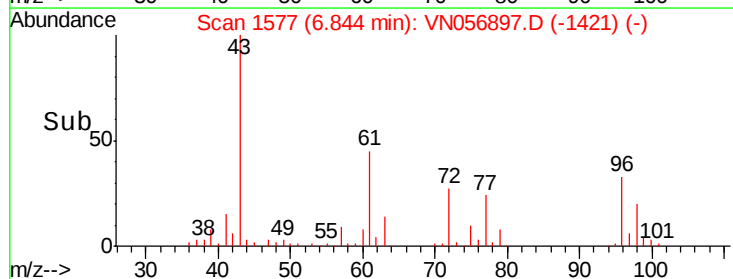
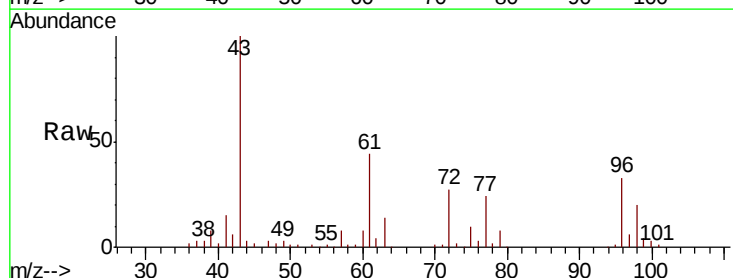
Tgt Ion: 43 Resp: 165783

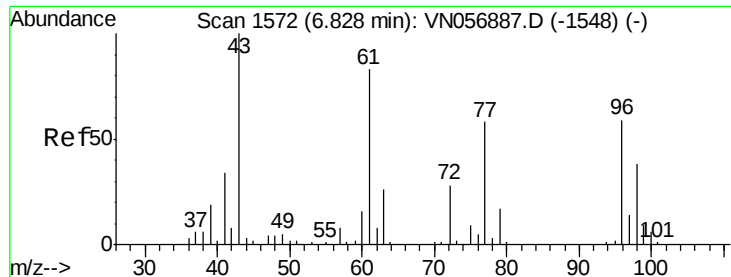
Ion Ratio Lower Upper

43 100

57 8.2 6.5 9.7

72 27.0 22.1 33.1

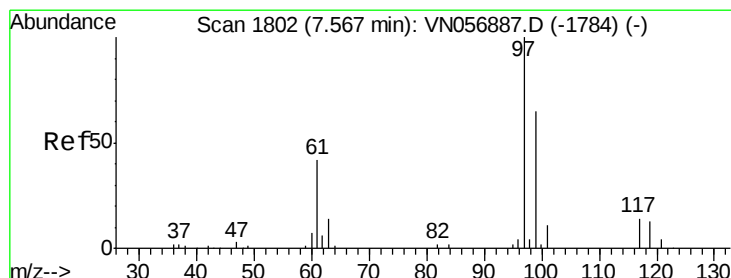
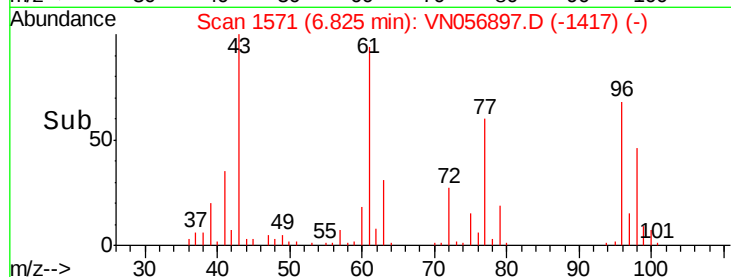
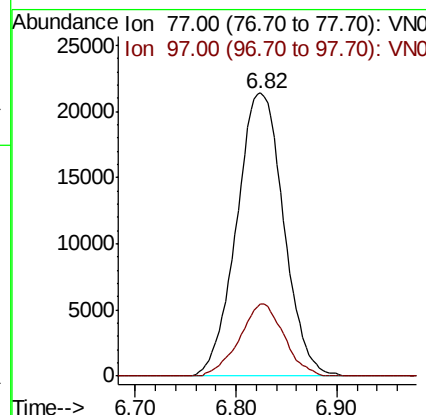
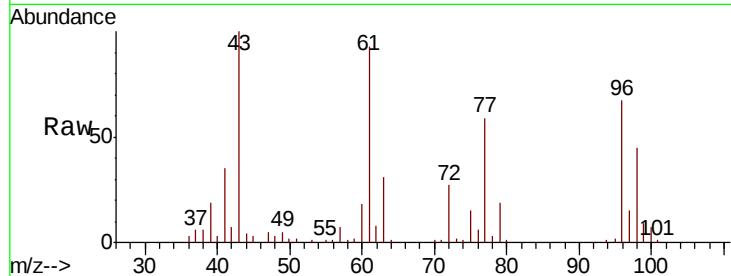




#31
 2,2-Dichloropropane
 Concen: 17.324 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

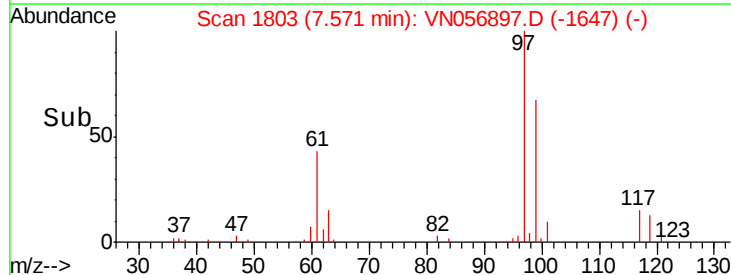
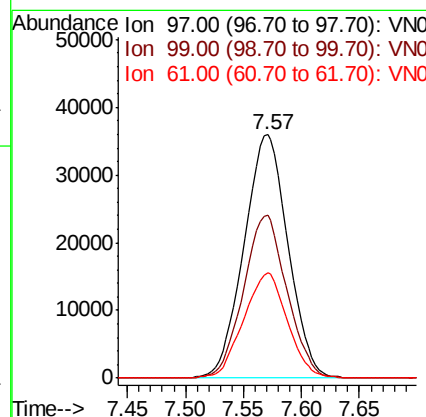
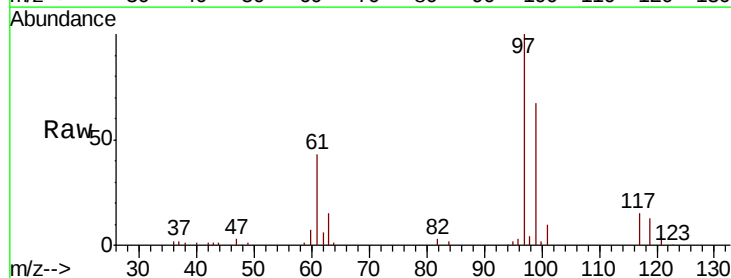
Instrument :
 MSVOA_N
 ClientSampled :

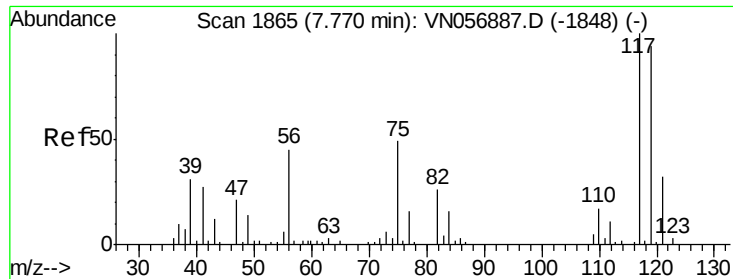
Tot Ion: 77 Resp: 69182
 Ion Ratio Lower Upper
 77 100
 97 24.1 19.3 28.9



#32
 1,1,1-Trichloroethane
 Concen: 20.124 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 97 Resp: 95149
 Ion Ratio Lower Upper
 97 100
 99 65.9 52.3 78.5
 61 43.0 34.4 51.6

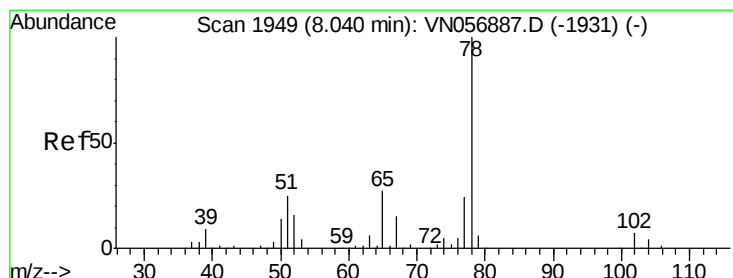
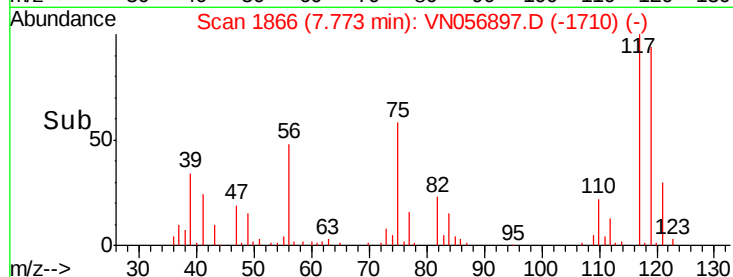
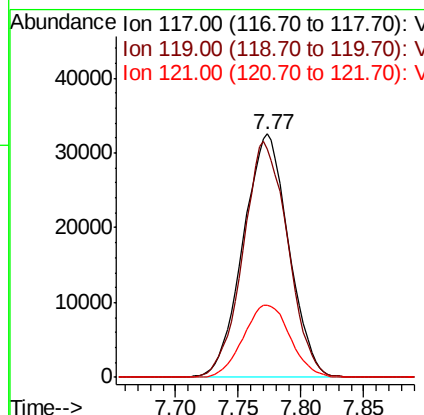
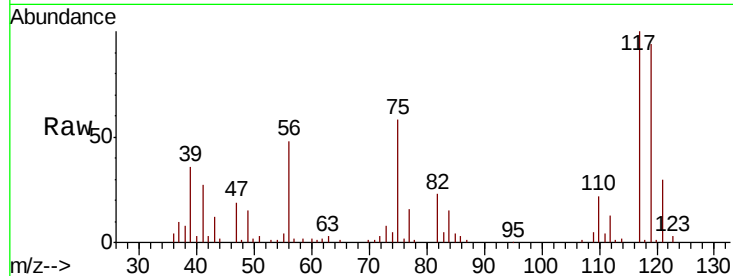




#33
Carbon Tetrachloride
Concen: 19.884 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

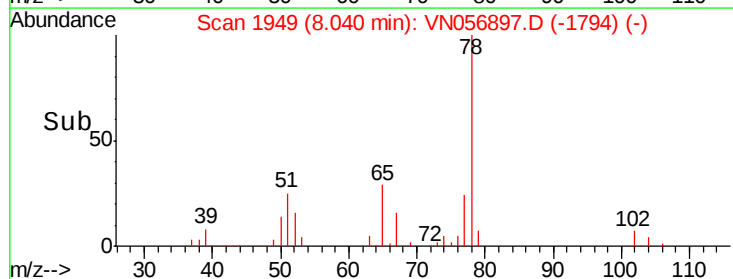
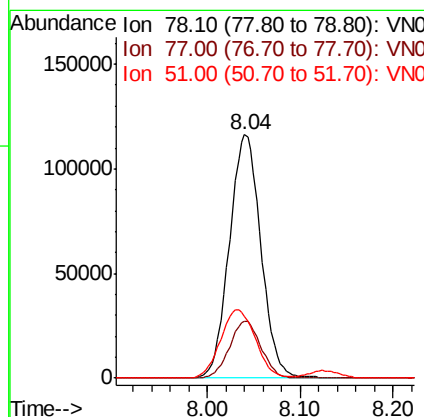
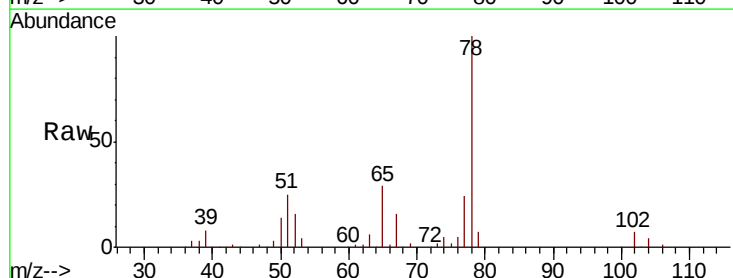
Instrument :
MSVOA_N
ClientSampled :

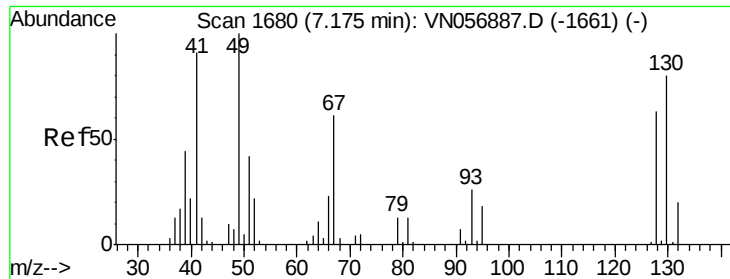
Tot Ion:117 Resp: 82059
Ion Ratio Lower Upper
117 100
119 93.7 75.1 112.7
121 29.6 25.8 38.8



#34
Benzene
Concen: 20.255 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 78 Resp: 274638
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.2
51 25.2 20.4 30.6

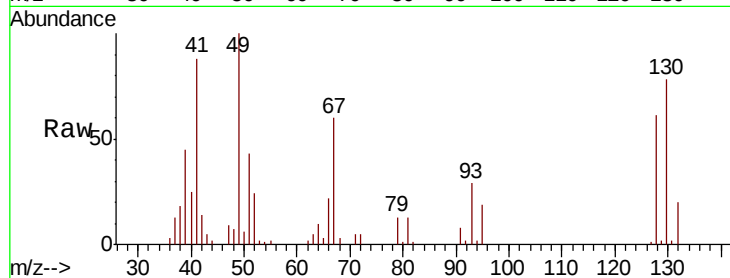




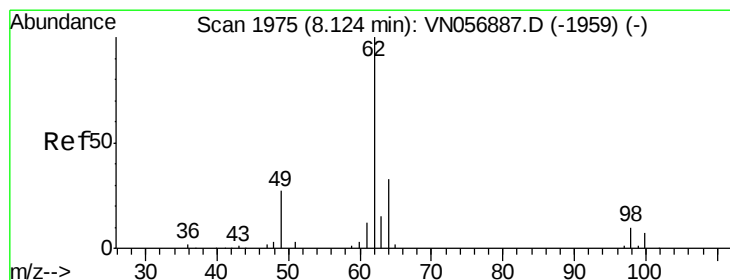
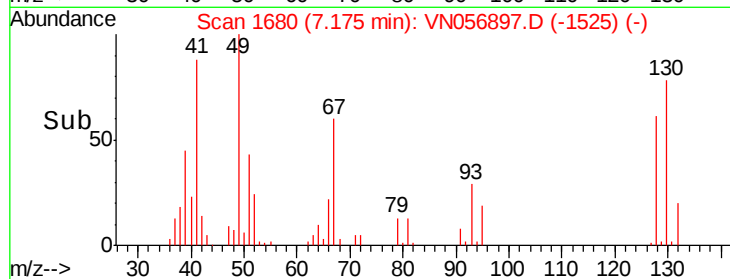
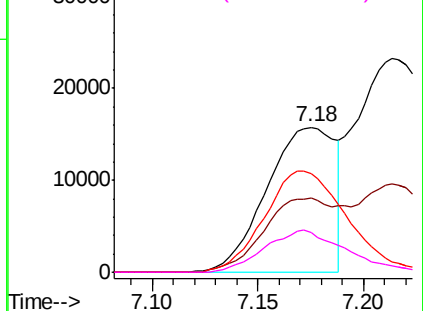
#35
Methacrylonitrile
Concen: 20.674 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 35695
Ion Ratio Lower Upper
41 100
39 51.0 24.4 73.2
67 68.3 33.4 100.1
52 27.1 12.1 36.3

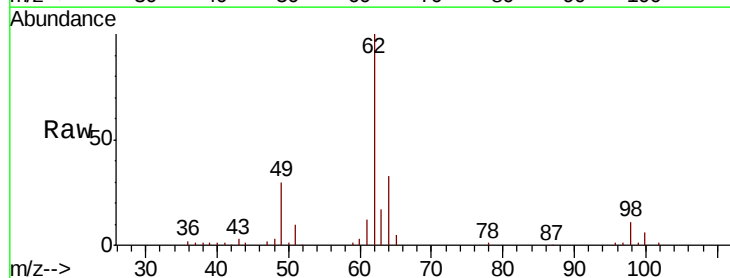


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

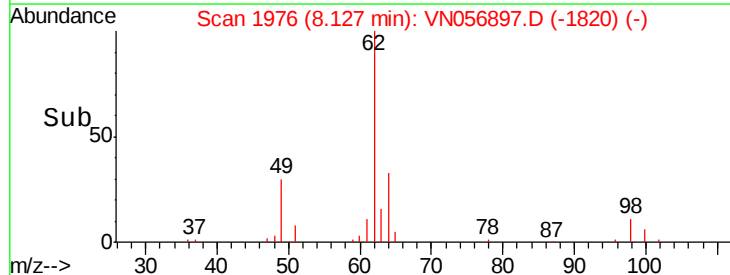
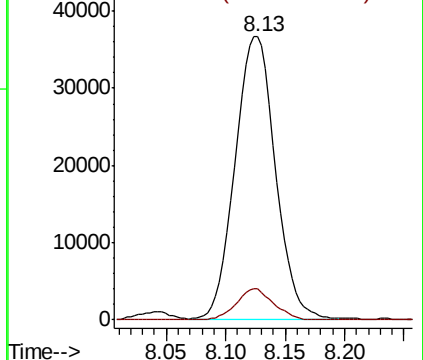


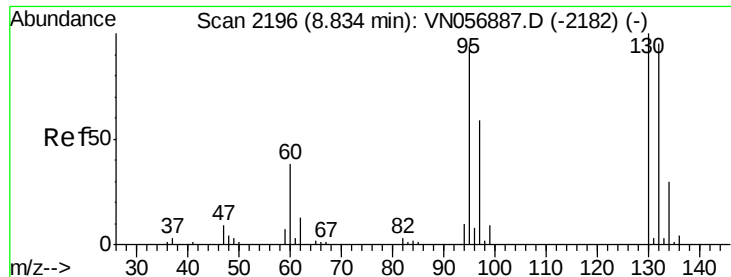
#36
1,2-Dichloroethane
Concen: 20.558 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 62 Resp: 86655
Ion Ratio Lower Upper
62 100
98 10.0 7.7 11.5



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

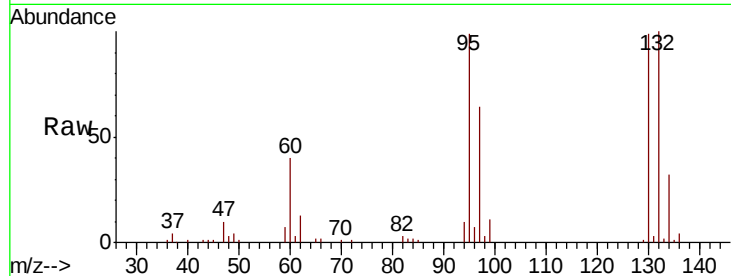




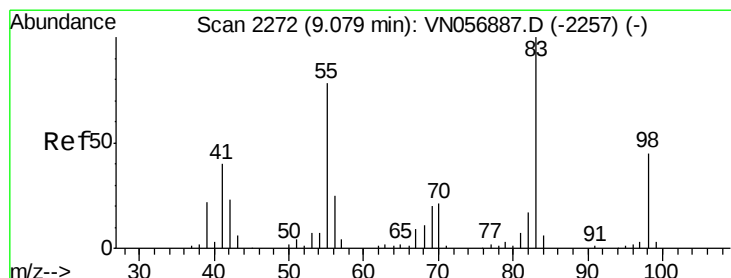
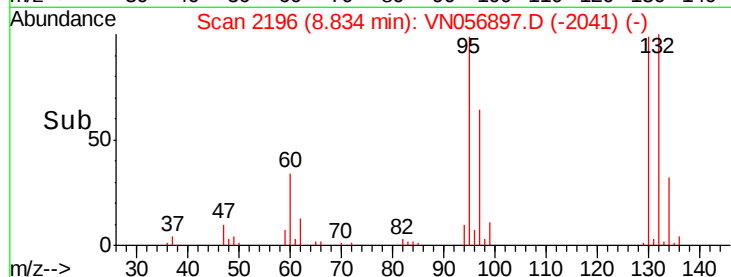
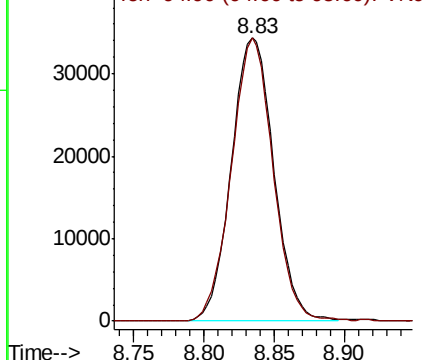
#37
 Trichloroethene
 Concen: 19.903 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:130 Resp: 72349
 Ion Ratio Lower Upper
 130 100
 95 100.0 74.9 112.3

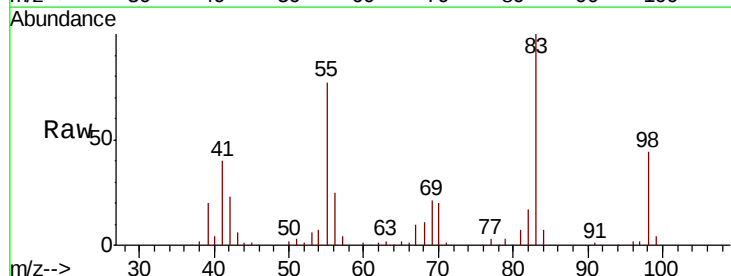


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

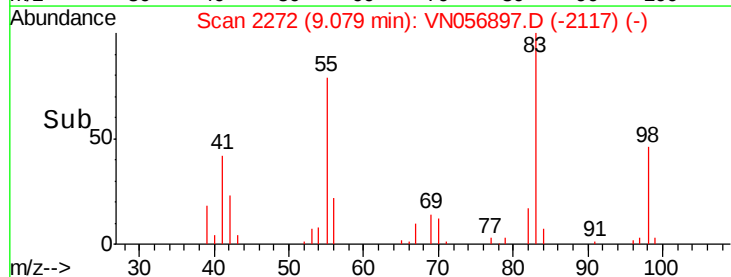
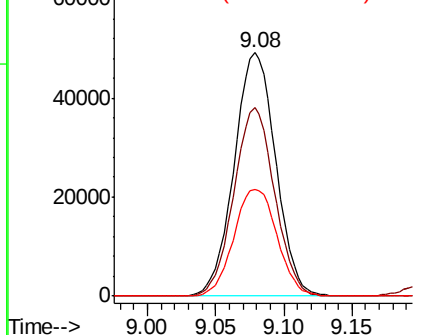


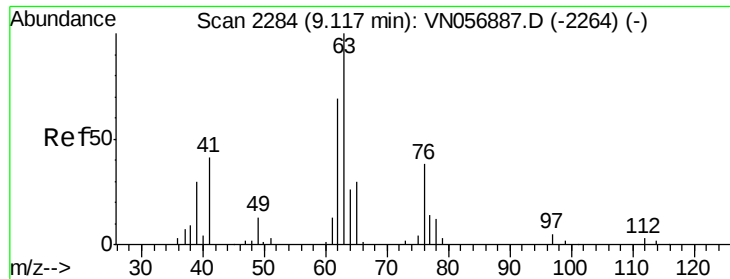
#38
 Methylcyclohexane
 Concen: 18.993 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 83 Resp: 103968
 Ion Ratio Lower Upper
 83 100
 55 75.8 38.4 115.1
 98 45.8 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

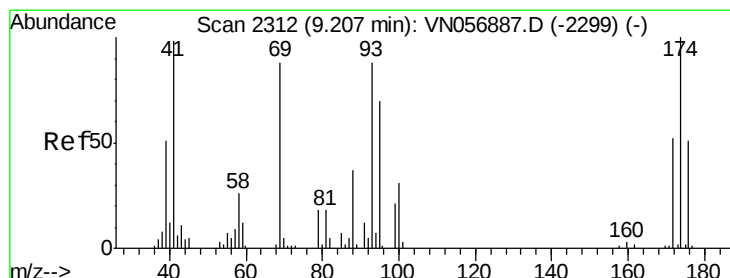
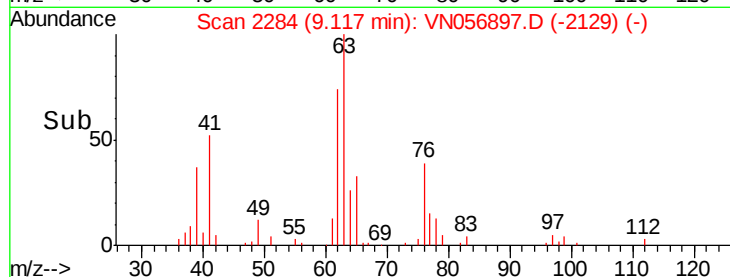
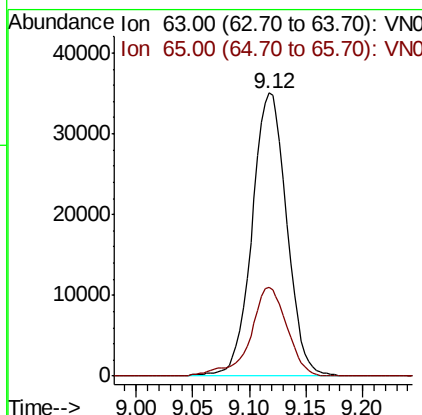
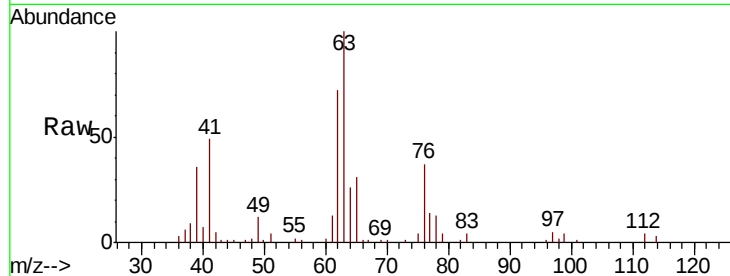




#39
 1,2-Dichloropropane
 Concen: 20.598 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

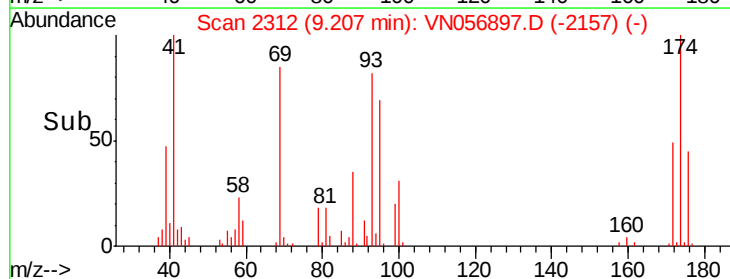
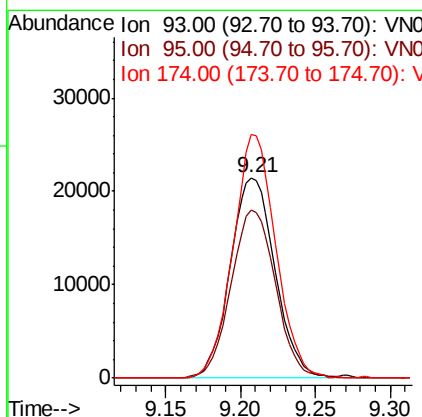
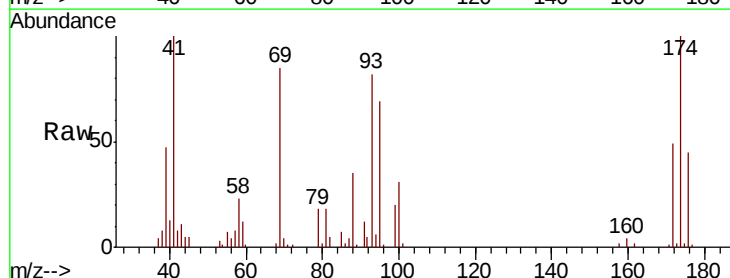
Instrument :
 MSVOA_N
 ClientSampleId :

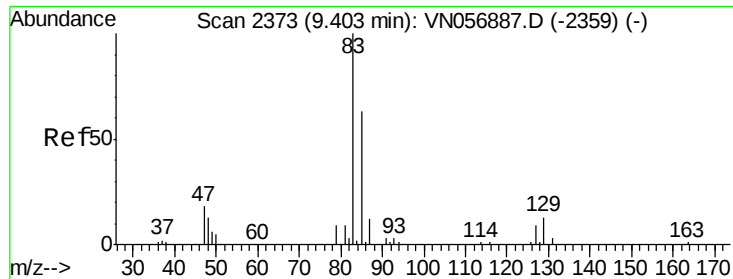
Tot Ion: 63 Resp: 74549
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#40
 Dibromomethane
 Concen: 20.110 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 93 Resp: 44649
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 165.8
 174 116.0 0.0 232.4





#41

Bromodichloromethane

Concen: 19.645 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampled :

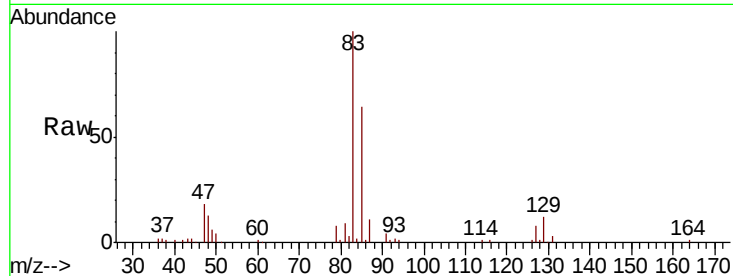
Tot Ion: 83 Resp: 83814

Ion Ratio Lower Upper

83 100

85 64.2 50.6 75.8

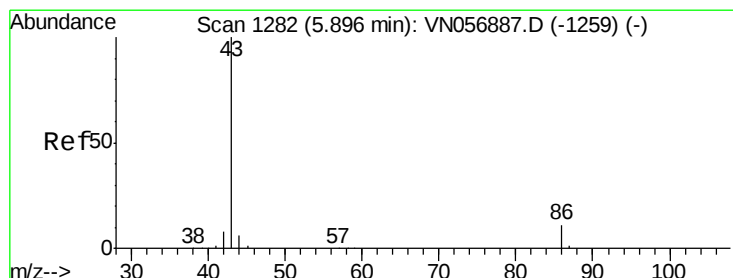
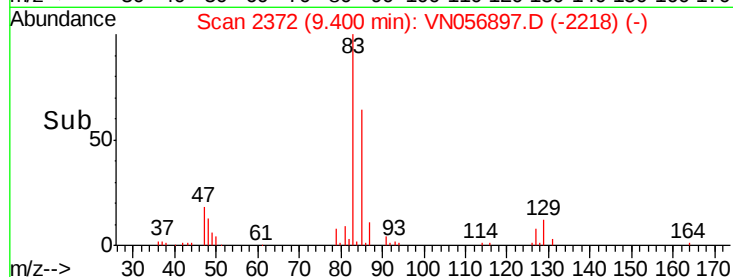
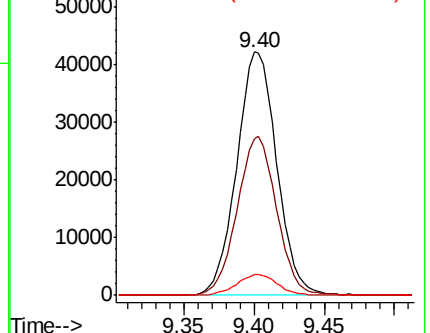
127 8.5 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN056887.D (-2359) (-)

Ion 85.00 (84.70 to 85.70): VN056887.D (-2359) (-)

Ion 127.00 (126.70 to 127.70): VN056887.D (-2359) (-)



#42

Vinyl Acetate

Concen: 97.273 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN056897.D

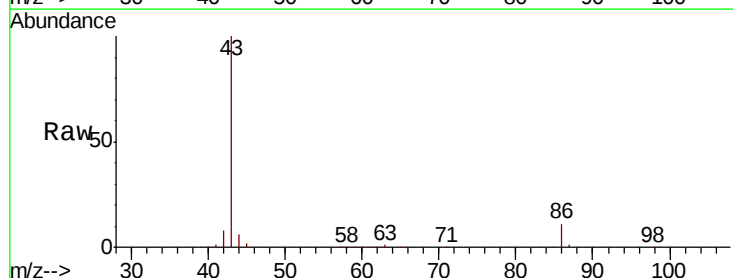
Acq: 24 Jul 2019 00:42

Tgt Ion: 43 Resp: 748923

Ion Ratio Lower Upper

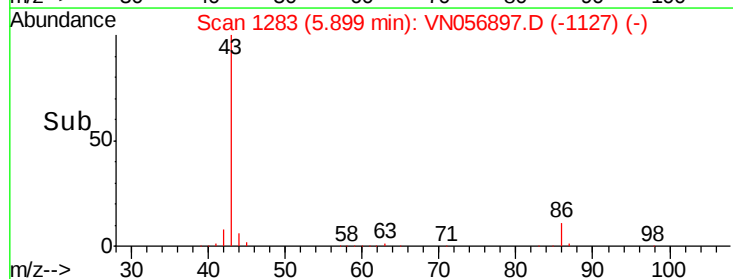
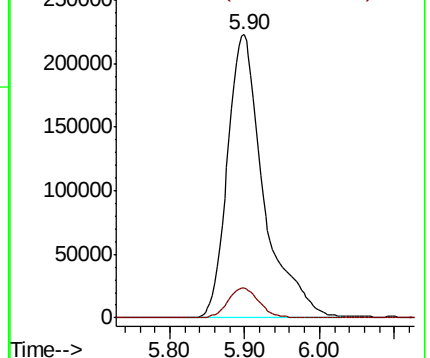
43 100

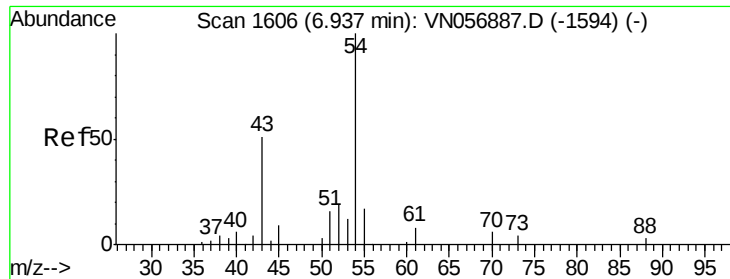
86 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN056887.D (-1259) (-)

Ion 86.00 (85.70 to 86.70): VN056887.D (-1259) (-)





#43

Ethyl Acetate

Concen: 19.375 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

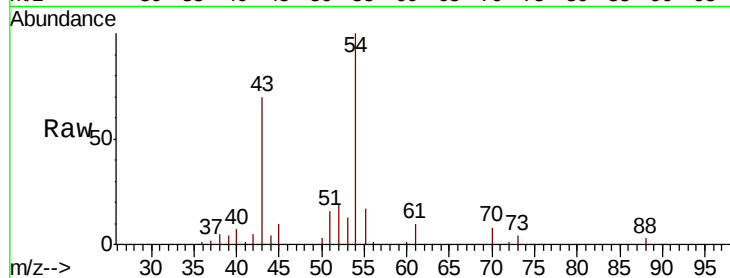
ClientSampleId :

Tot Ion: 43 Resp: 68669

Ion Ratio Lower Upper

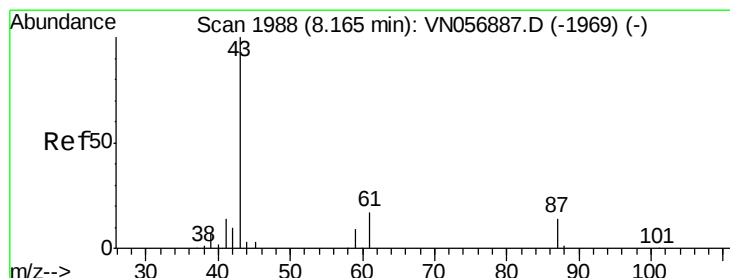
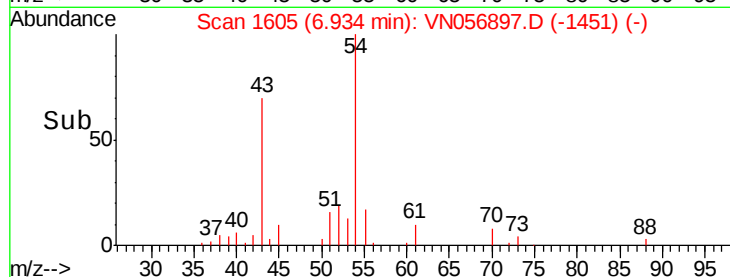
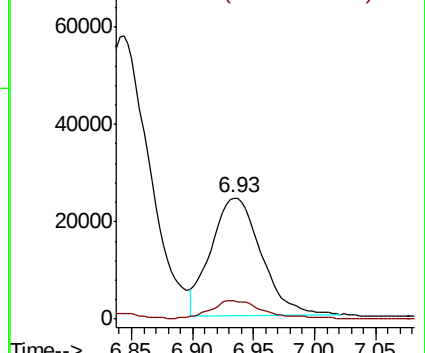
43 100

45 8.9 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: 19.170 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056897.D

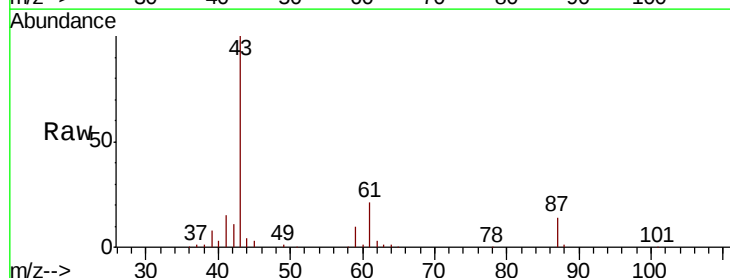
Acq: 24 Jul 2019 00:42

Tgt Ion: 43 Resp: 113249

Ion Ratio Lower Upper

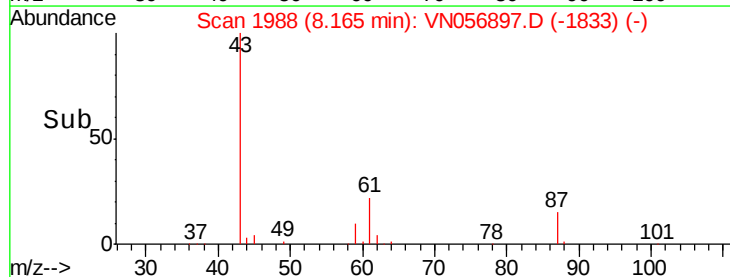
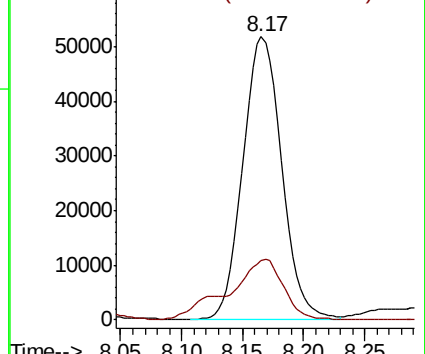
43 100

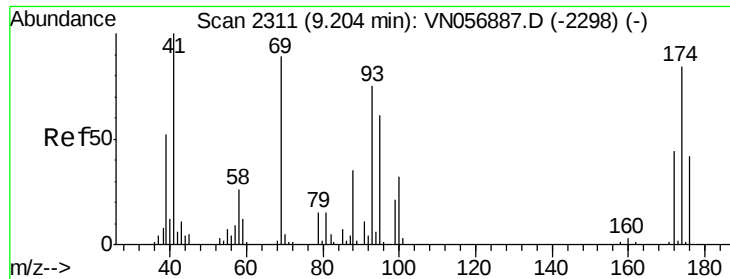
61 22.6 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 391.470 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

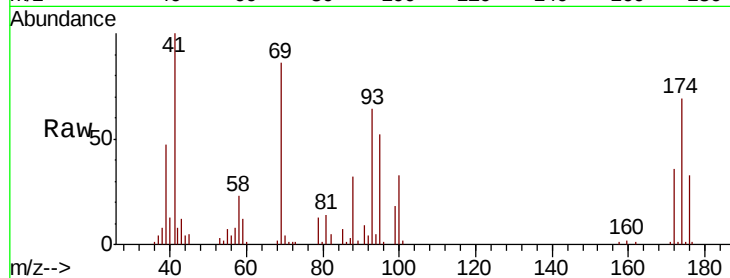
Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 22017

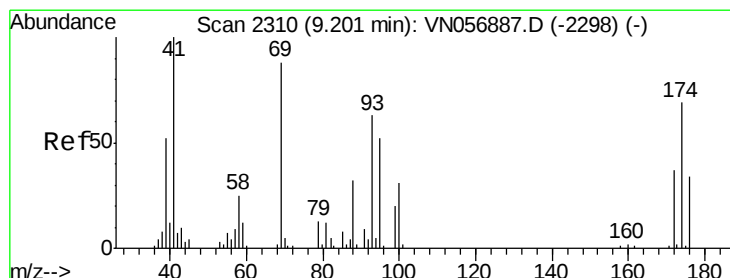
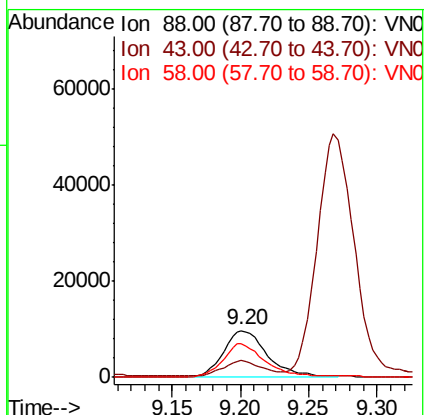
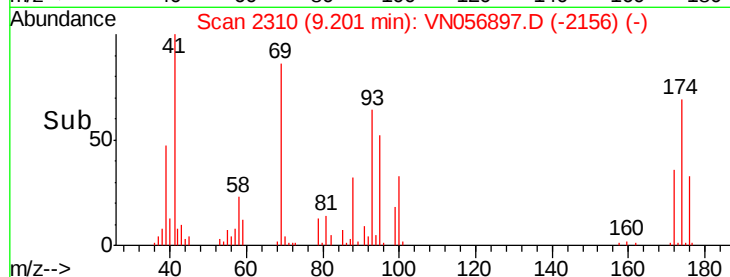
Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.4	35.0
58	68.3	58.5	87.7



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: 19.151 ug/l

RT: 9.20 min Scan# 2310

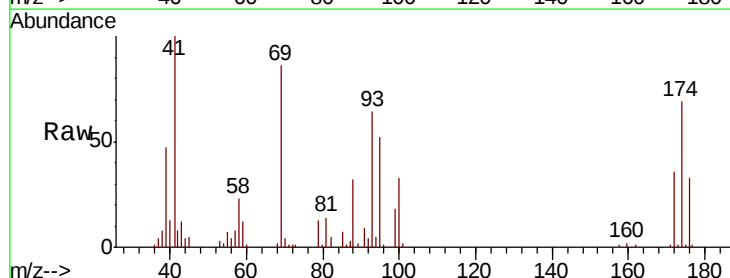
Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Tgt Ion: 41 Resp: 56443

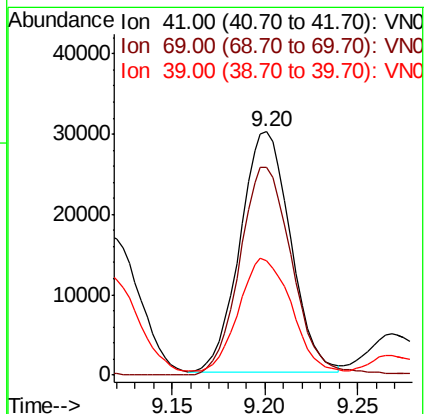
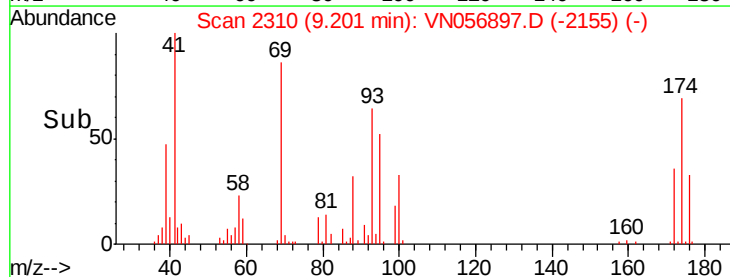
Ion	Ratio	Lower	Upper
41	100		
69	86.9	44.0	132.0
39	45.7	25.8	77.4

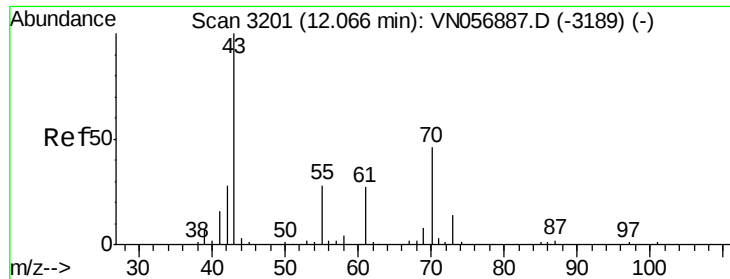


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

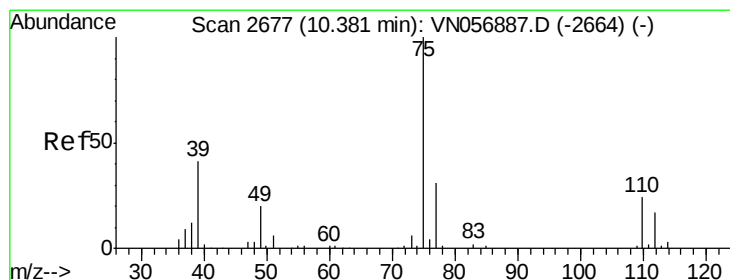
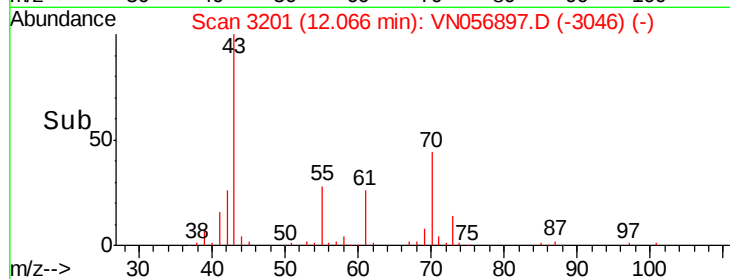
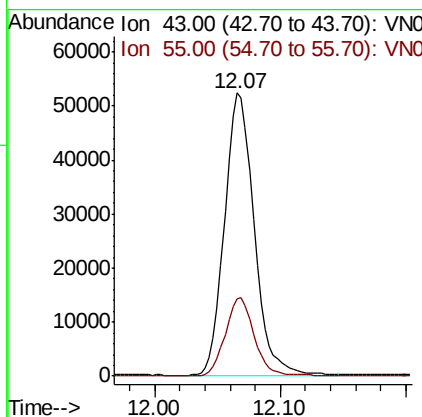
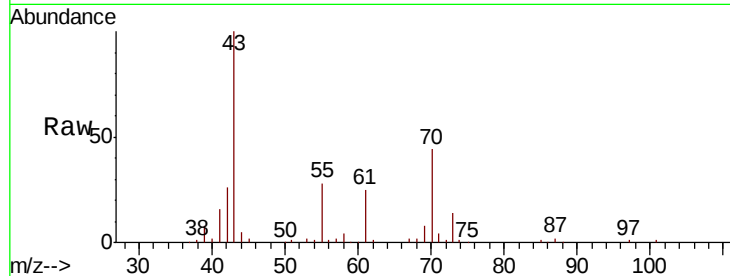




#47
 n-amvl Acetate
 Concen: 18.052 ug/l
 RT: 12.07 min Scan# 3201
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

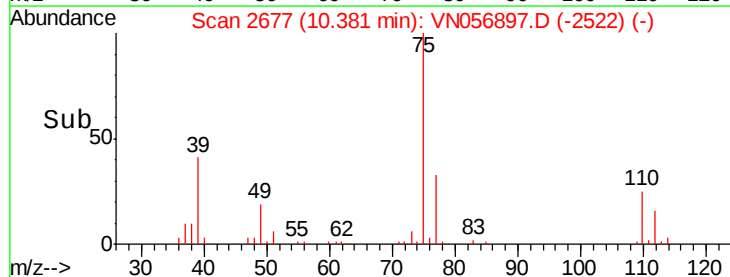
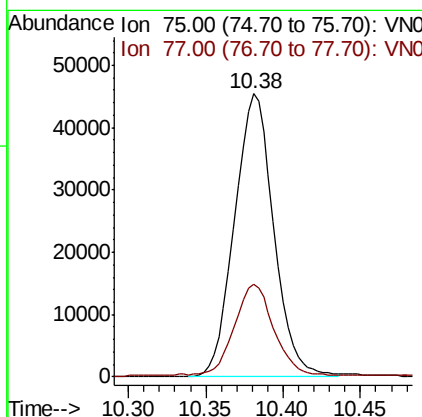
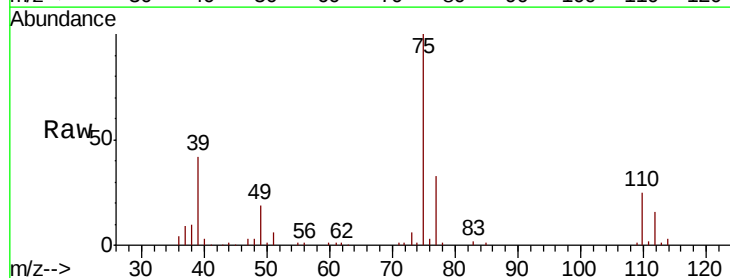
Instrument :
 MSVOA_N
 ClientSampled :

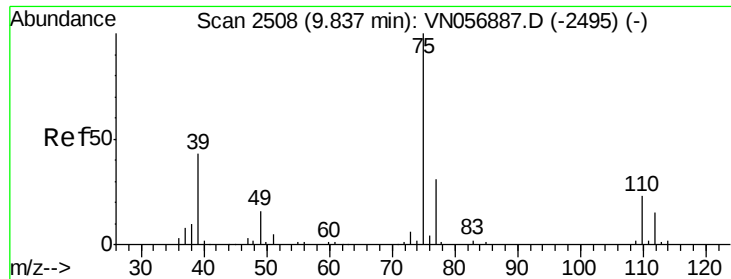
Tot Ion: 43 Resp: 85370
 Ion Ratio Lower Upper
 43 100
 55 27.0 21.3 31.9



#48
 t-1,3-Dichloropropene
 Concen: 18.049 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 75 Resp: 80132
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0

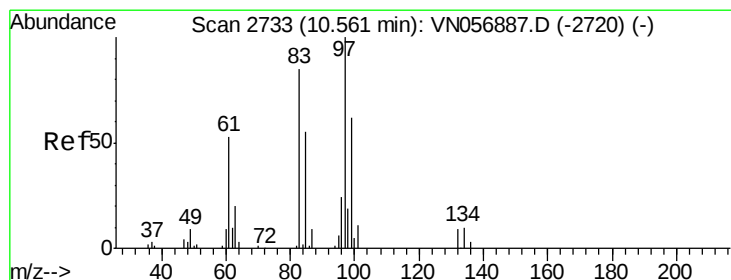
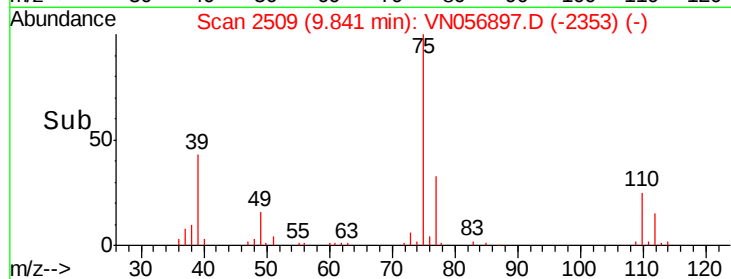
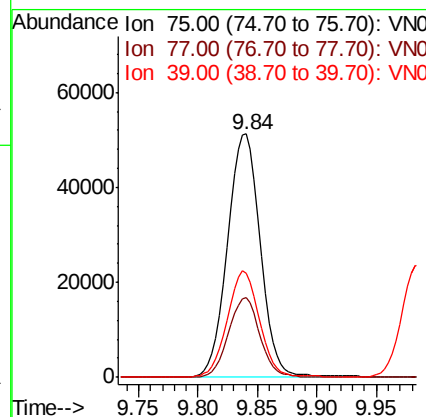
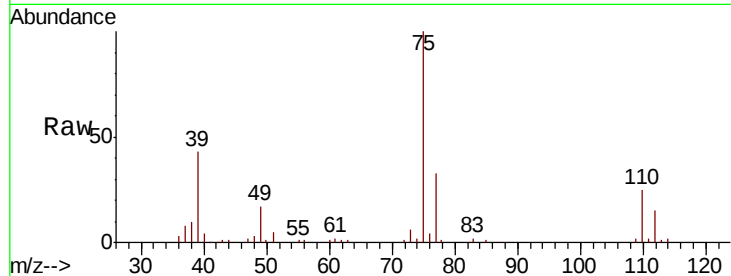




#49
 cis-1,3-Dichloropropene
 Concen: 18.970 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

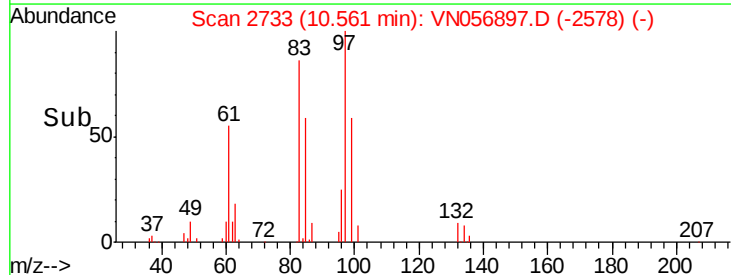
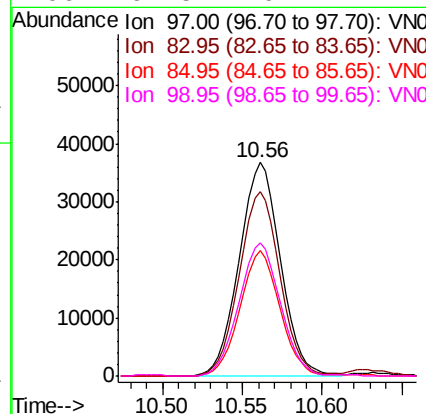
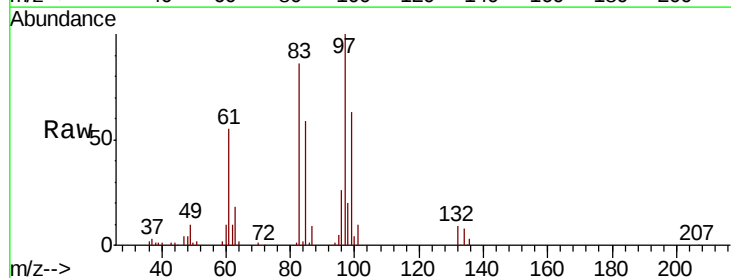
Instrument :
 MSVOA_N
 ClientSampleId :

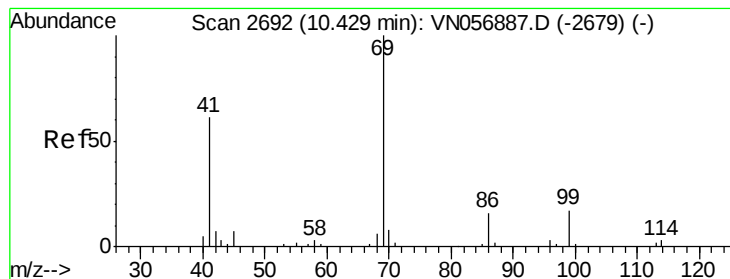
Tot Ion: 75 Resp: 98140
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.4 36.6
 39 42.9 34.2 51.4



#50
 1,1,2-Trichloroethane
 Concen: 20.321 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 97 Resp: 64779
 Ion Ratio Lower Upper
 97 100
 83 86.1 68.4 102.6
 85 58.9 44.3 66.5
 99 62.5 49.4 74.2





#51

Ethyl methacrylate

Concen: 19.348 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampleId :

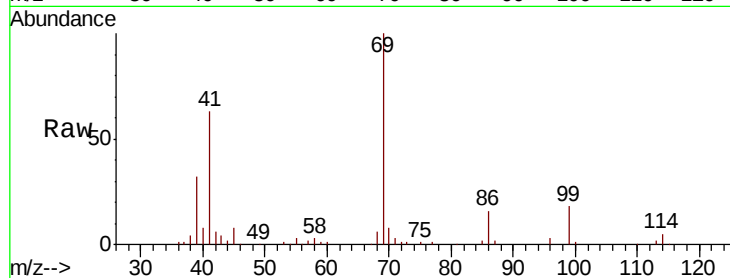
Tot Ion: 69 Resp: 89207

Ion	Ratio	Lower	Upper
69	100		
41	62.2	30.4	91.3
39	31.7	14.2	42.6

69 100

41 62.2 30.4 91.3

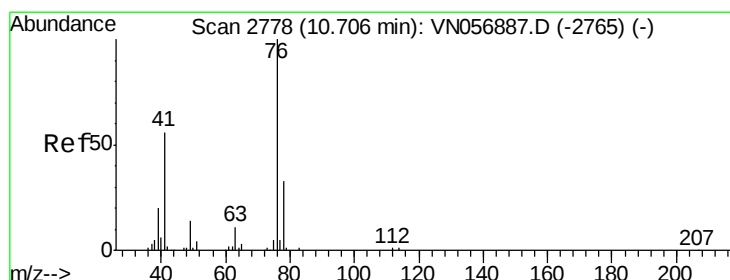
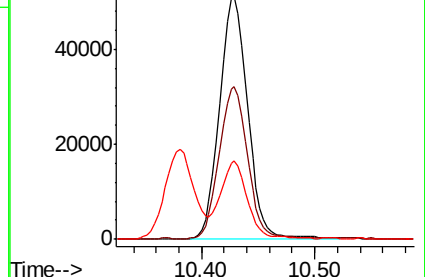
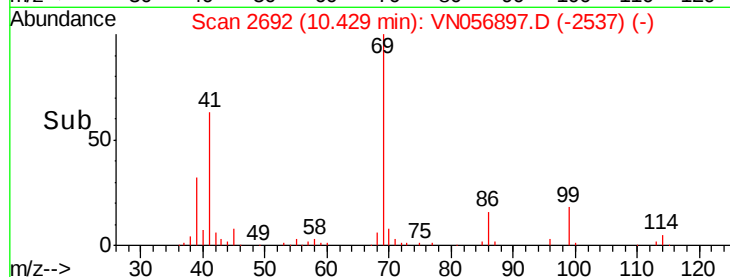
39 31.7 14.2 42.6



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: 20.139 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056897.D

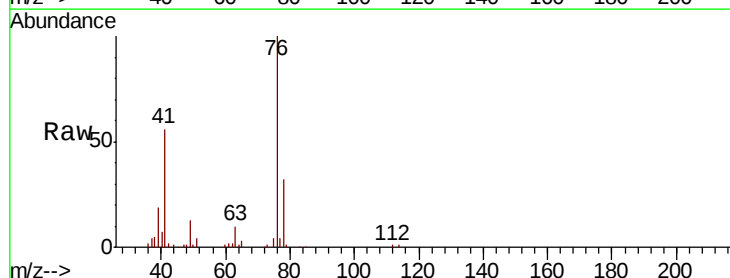
Acq: 24 Jul 2019 00:42

Tgt Ion: 76 Resp: 108347

Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	64.2

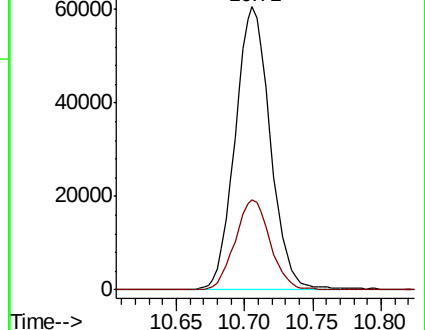
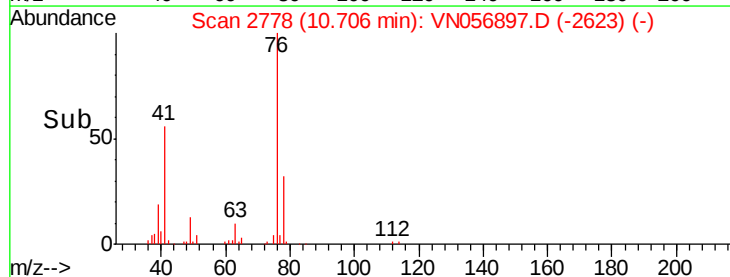
76 100

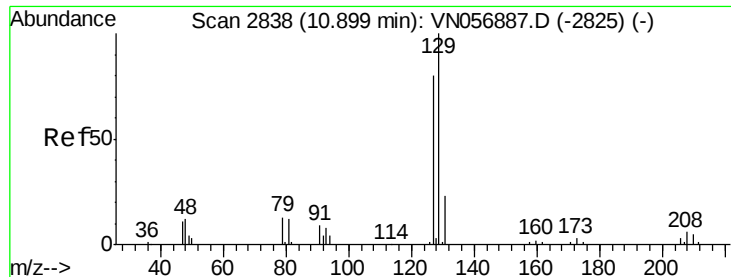
78 31.7 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.091 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

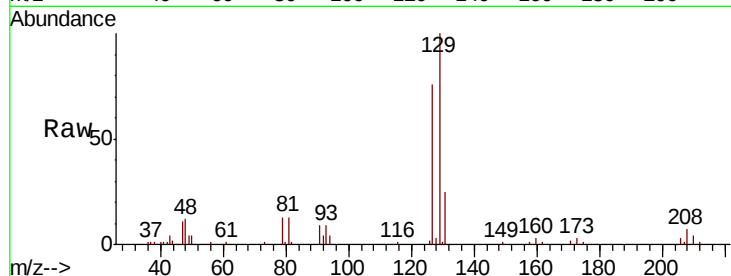
ClientSampleId :

Tot Ion:129 Resp: 63258

Ion Ratio Lower Upper

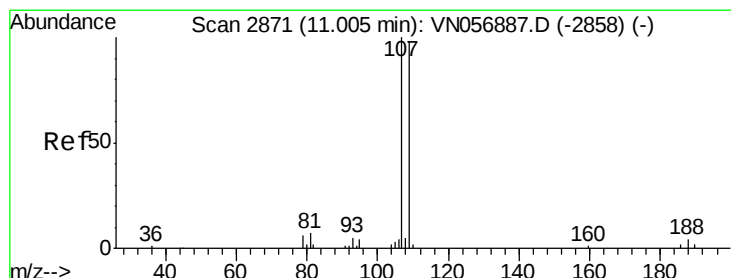
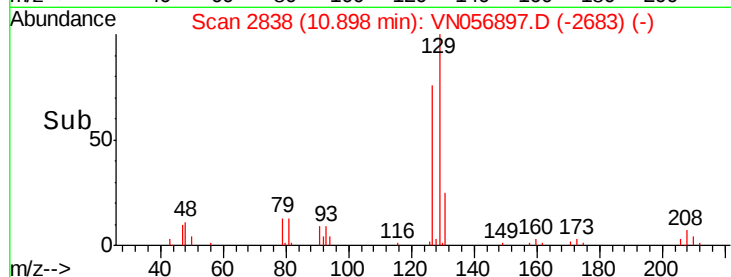
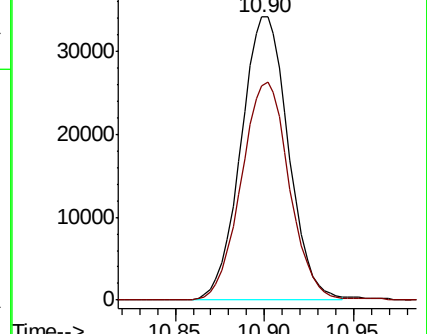
129 100

127 77.6 38.8 116.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.792 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056897.D

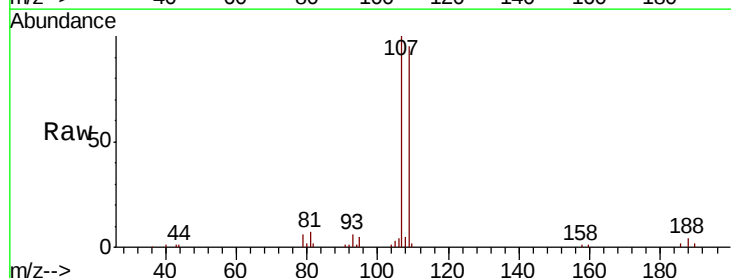
Acq: 24 Jul 2019 00:42

Tgt Ion:107 Resp: 64364

Ion Ratio Lower Upper

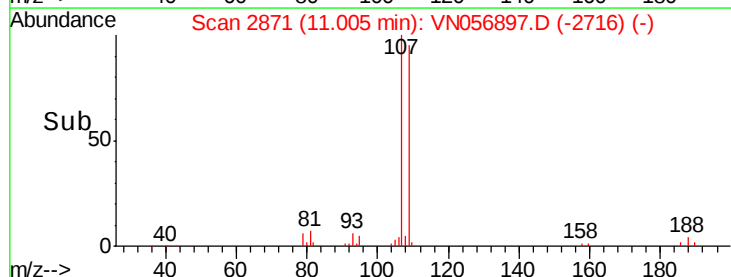
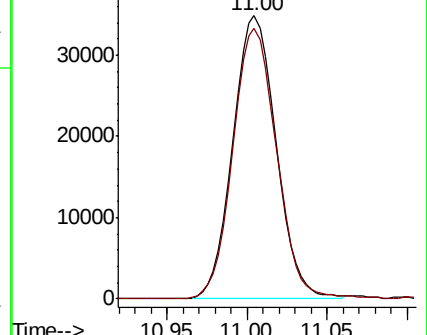
107 100

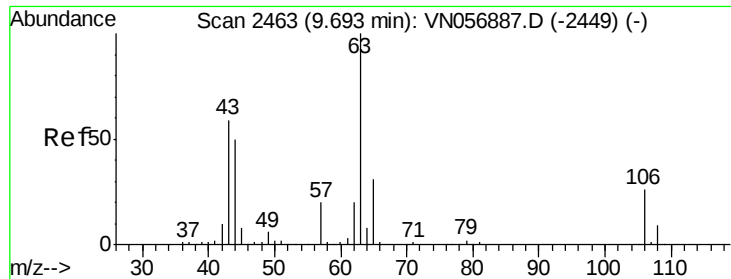
109 96.4 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

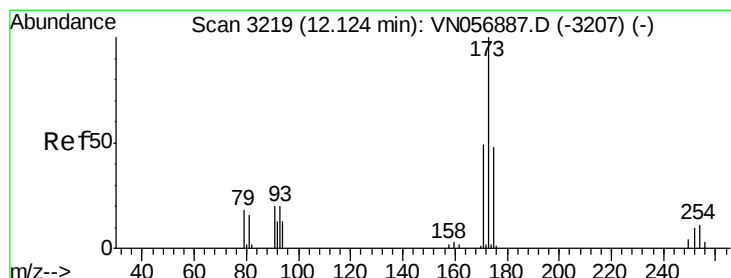
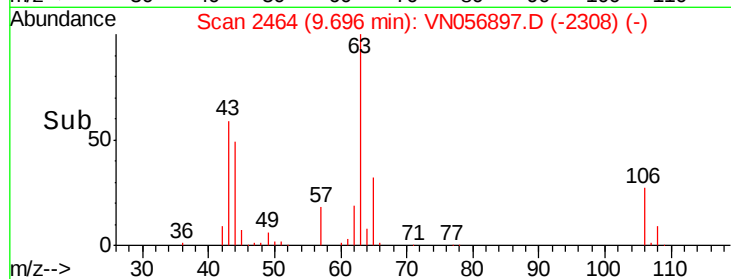
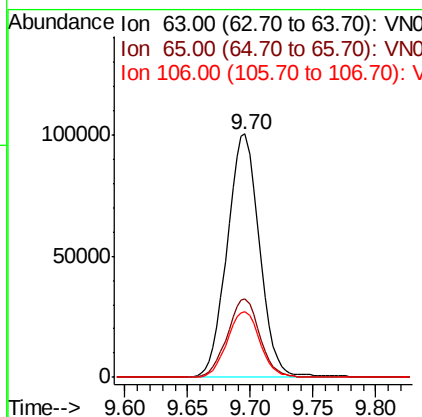
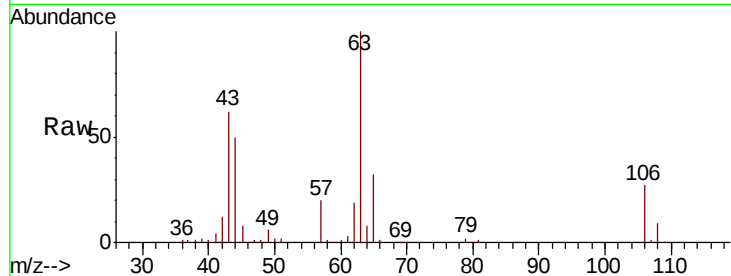




#55
2-Chloroethyl vinyl ether
Concen: 90.213 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

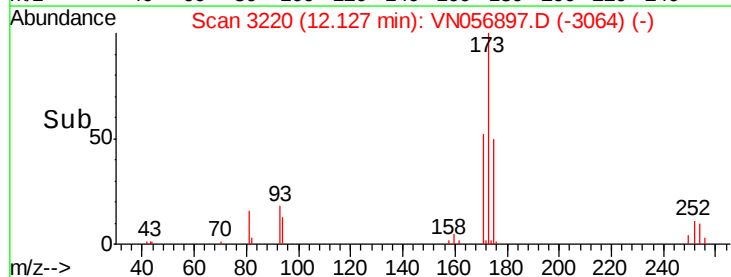
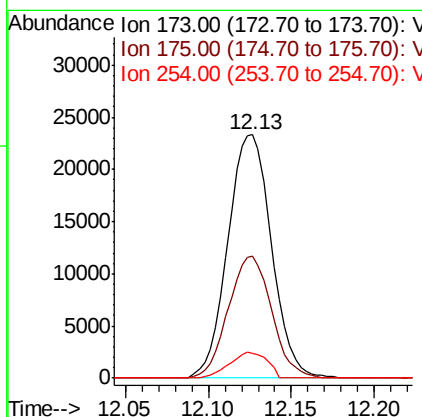
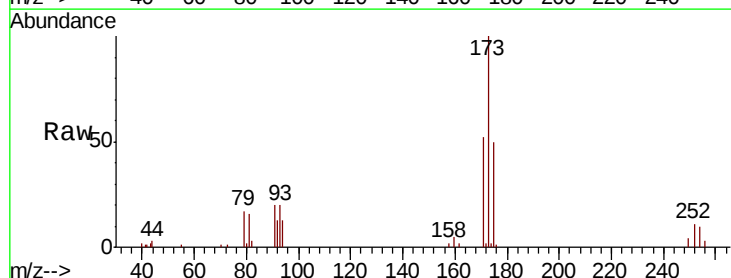
Instrument :
MSVOA_N
ClientSampled :

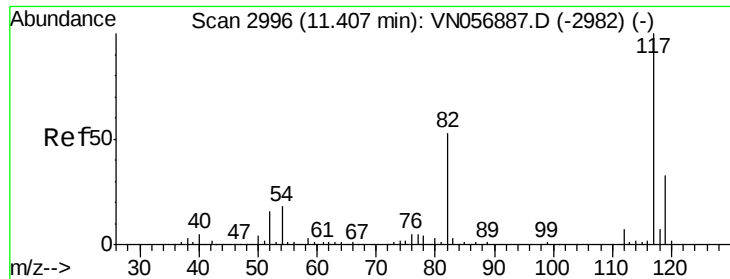
Tot Ion: 63 Resp: 180145
Ion Ratio Lower Upper
63 100
65 32.3 25.1 37.7
106 27.5 21.5 32.3



#56
Bromoform
Concen: 18.601 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 173 Resp: 42644
Ion Ratio Lower Upper
173 100
175 49.6 38.8 58.2
254 9.2 8.1 12.1

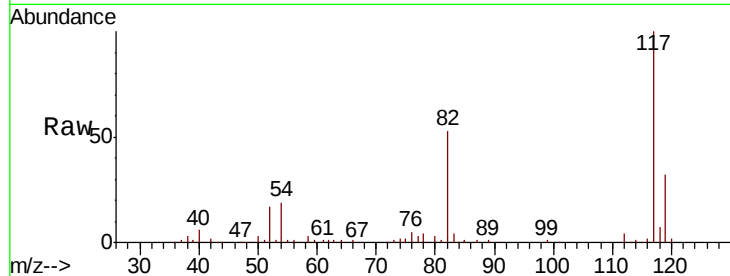




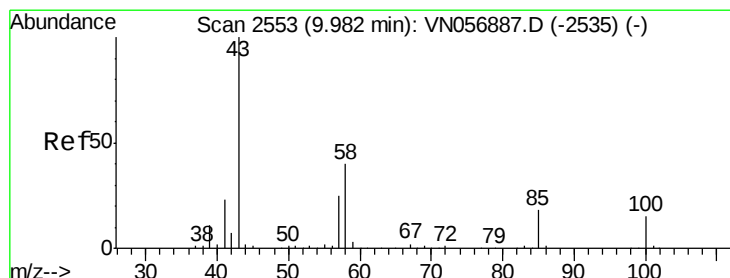
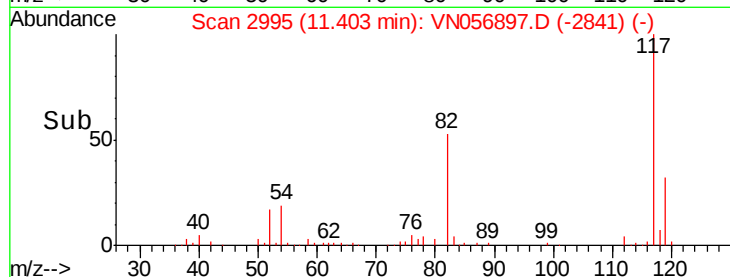
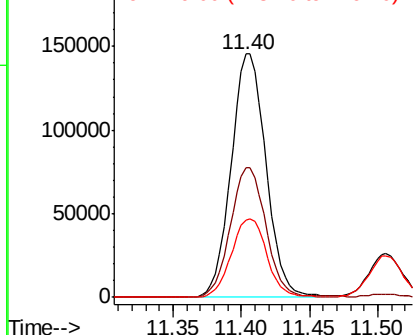
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 259232
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.8 26.2 39.2

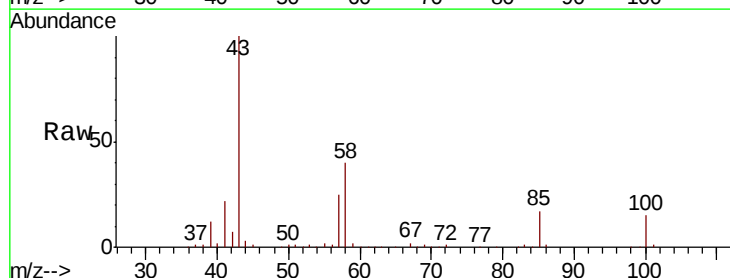


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

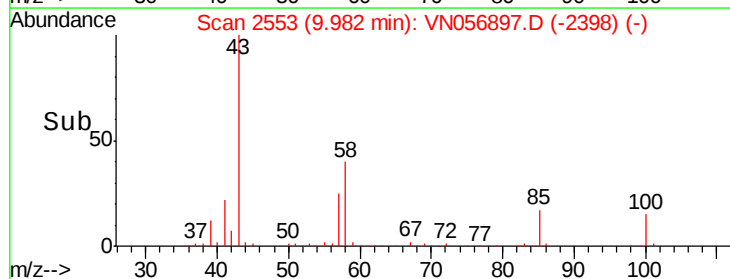
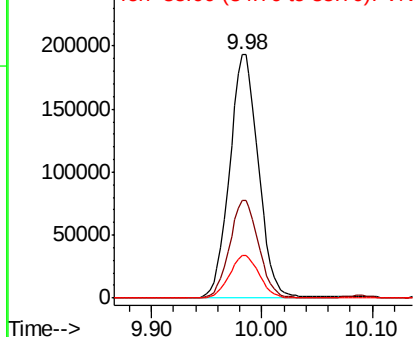


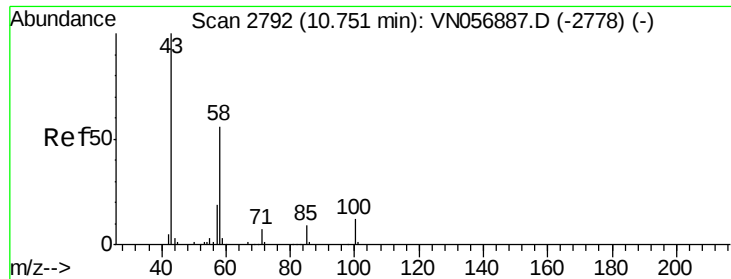
#58
4-Methyl-2-Pentanone
Concen: 100.482 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 43 Resp: 349556
Ion Ratio Lower Upper
43 100
58 40.4 31.7 47.5
85 18.0 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

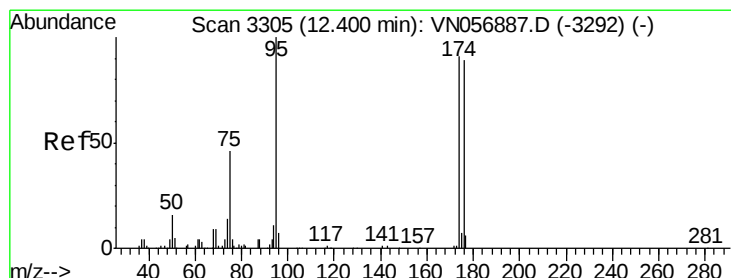
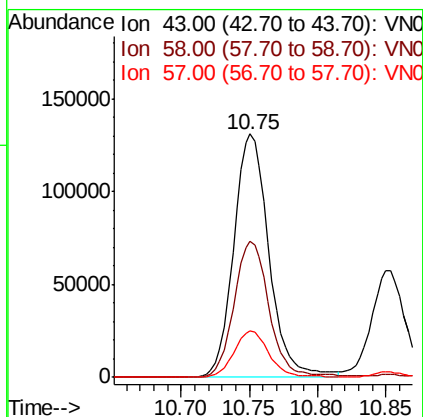
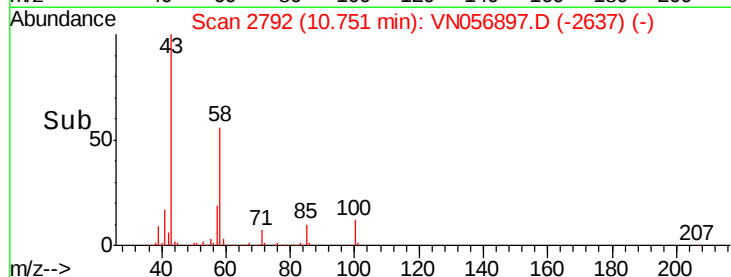
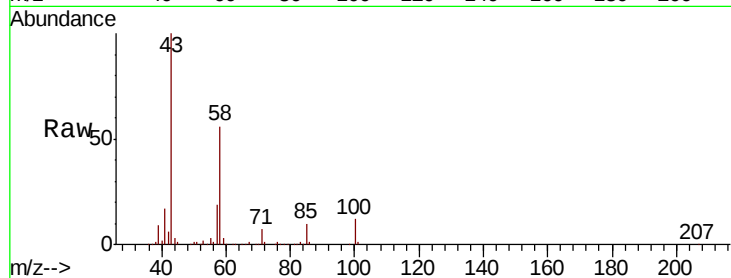




#59
2-Hexanone
Concen: 99.450 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

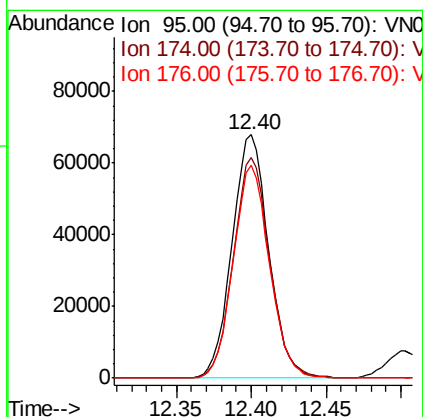
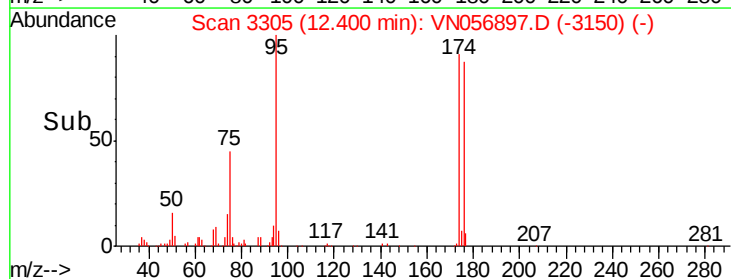
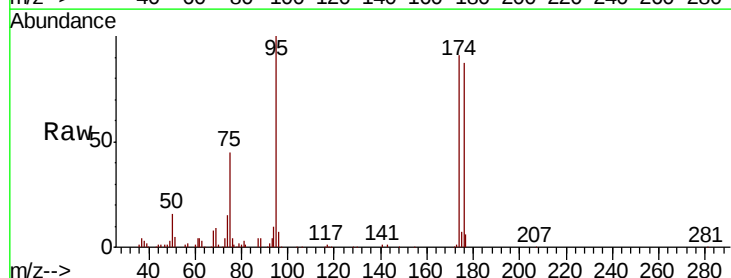
Instrument :
MSVOA_N
ClientSampleId :

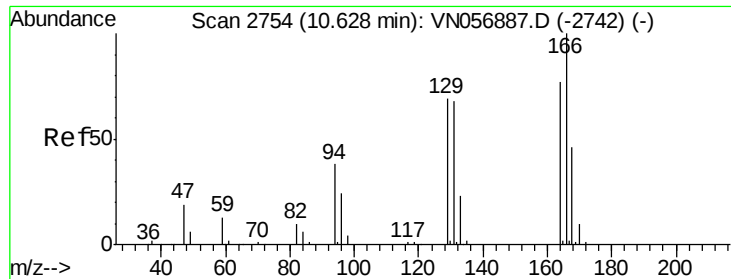
Tot Ion: 43 Resp: 235748
Ion Ratio Lower Upper
43 100
58 55.4 45.0 67.4
57 18.5 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.815 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 95 Resp: 115840
Ion Ratio Lower Upper
95 100
174 90.1 71.9 107.9
176 86.5 69.8 104.8





#61

Tetrachloroethene

Concen: 21.269 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 77274

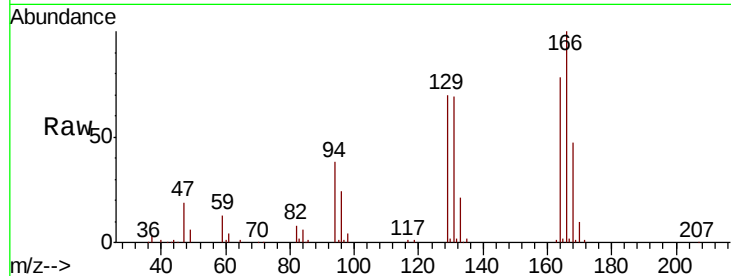
Ion Ratio Lower Upper

164 100

166 127.8 103.9 155.9

129 89.0 72.4 108.6

131 88.3 70.3 105.5

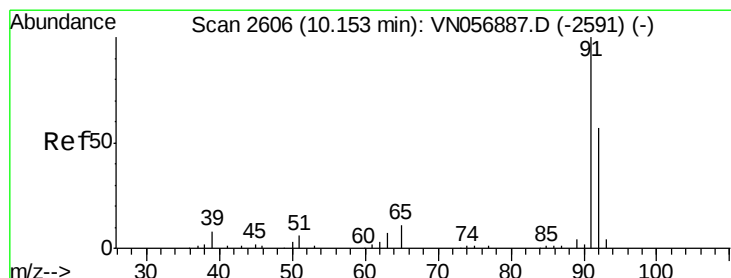
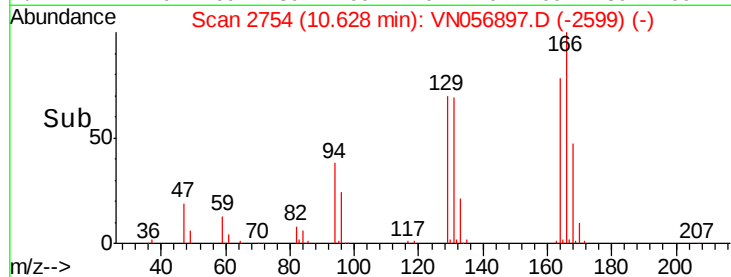
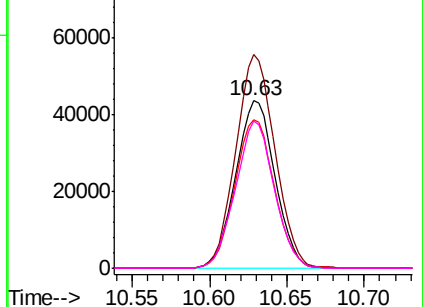


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.497 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056897.D

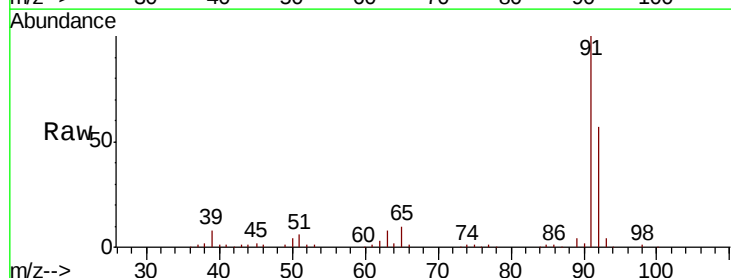
Acq: 24 Jul 2019 00:42

Tgt Ion: 91 Resp: 288983

Ion Ratio Lower Upper

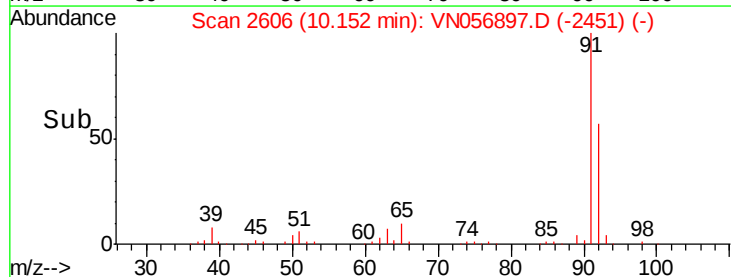
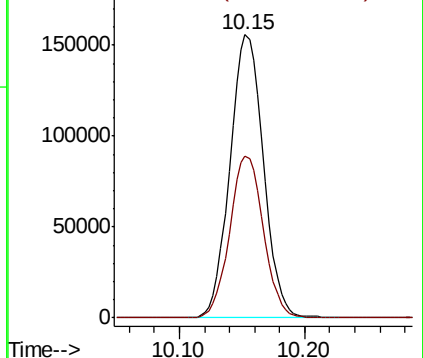
91 100

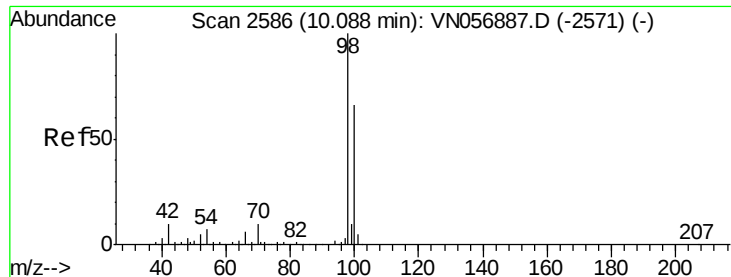
92 57.4 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.791 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

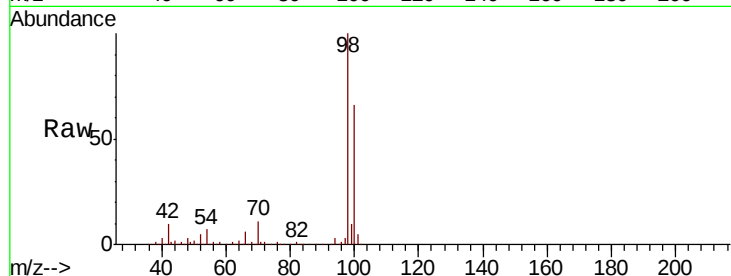
ClientSampleId :

Tot Ion: 98 Resp: 377048

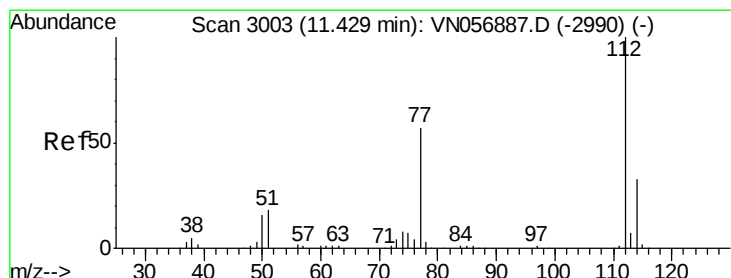
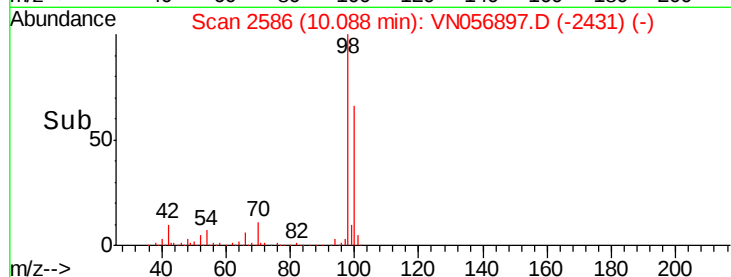
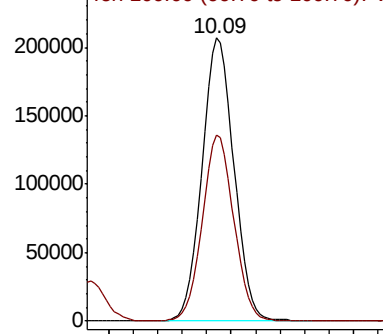
Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.2



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



#64

Chlorobenzene

Concen: 20.343 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056897.D

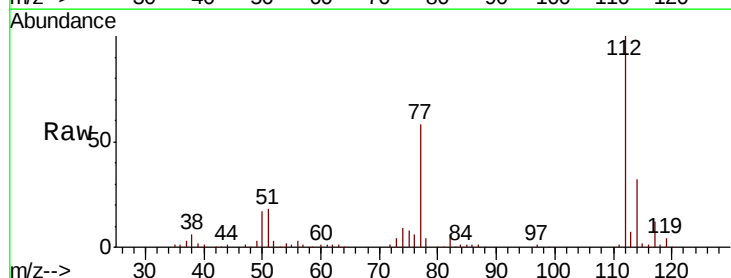
Acq: 24 Jul 2019 00:42

Tgt Ion: 112 Resp: 172765

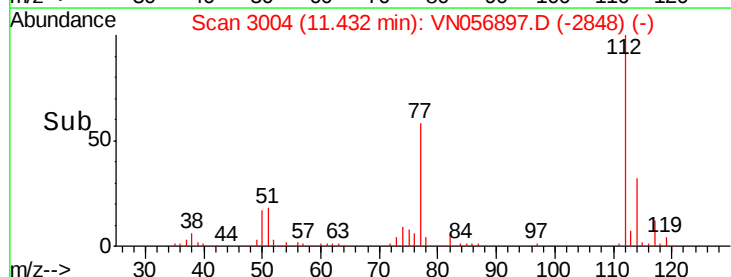
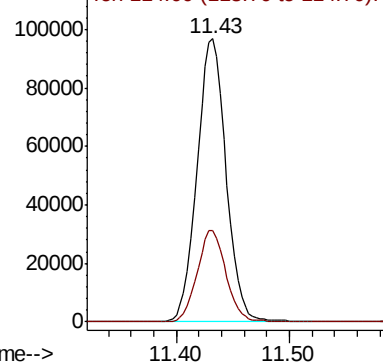
Ion Ratio Lower Upper

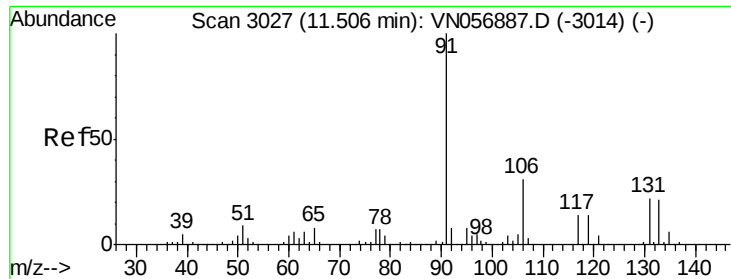
112 100

114 32.1 26.7 40.1



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

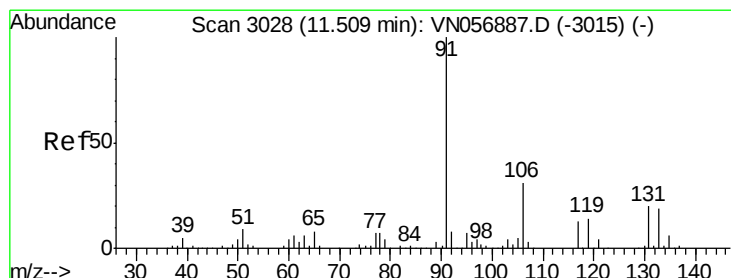
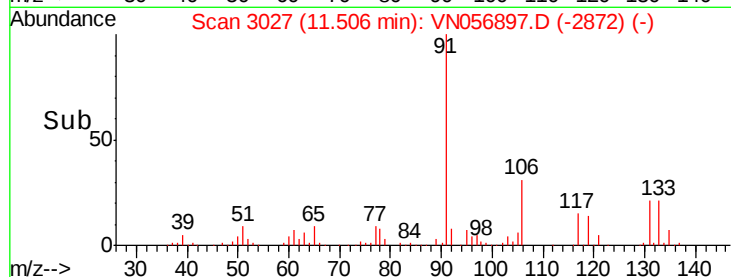
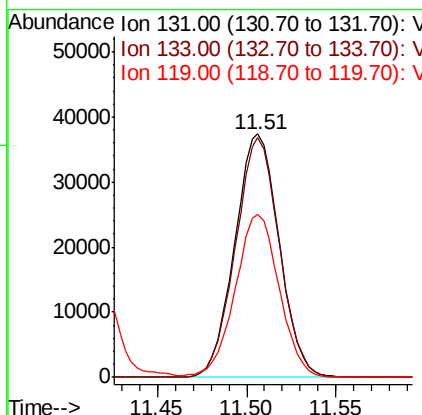
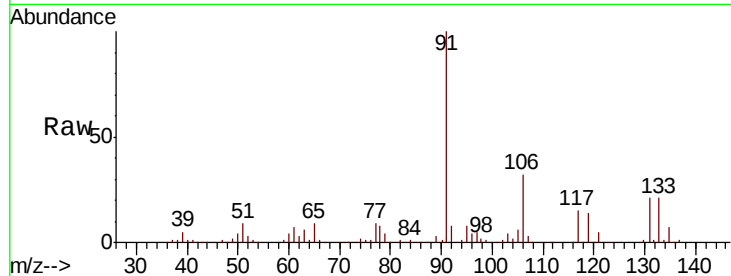




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.253 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

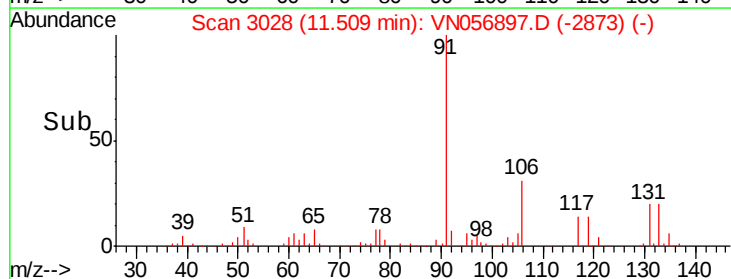
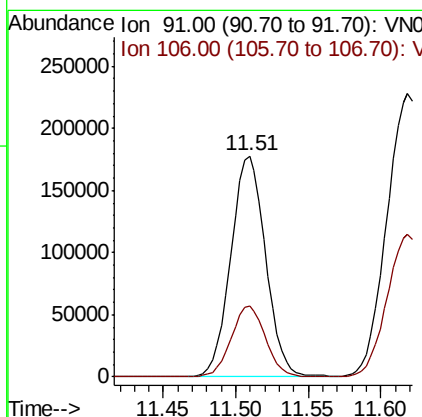
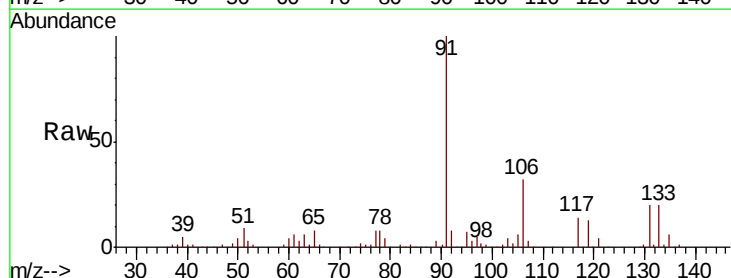
Instrument :
 MSVOA_N
 ClientSampled :

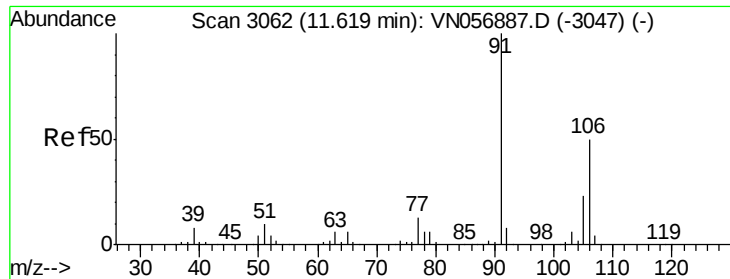
Tot Ion:131 Resp: 65148
 Ion Ratio Lower Upper
 131 100
 133 96.8 0.0 189.6
 119 66.3 0.0 133.6



#66
 Ethyl Benzene
 Concen: 19.959 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 91 Resp: 296525
 Ion Ratio Lower Upper
 91 100
 106 31.8 24.9 37.3

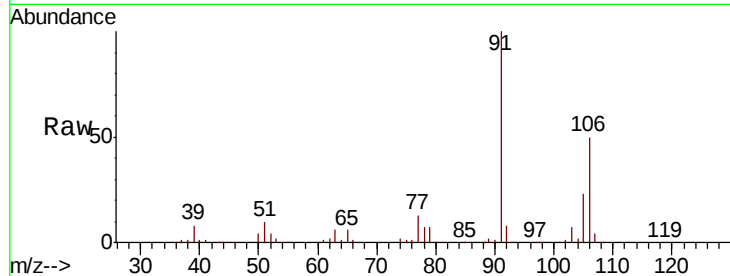




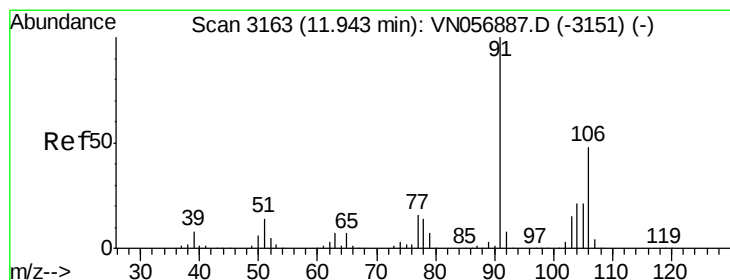
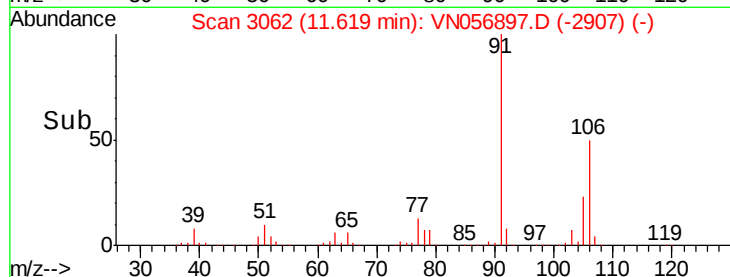
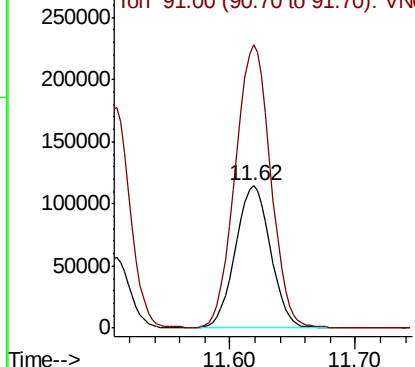
#67
m/p-Xvlenes
Concen: 40.177 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 222586
Ion Ratio Lower Upper
106 100
91 201.9 160.6 240.8

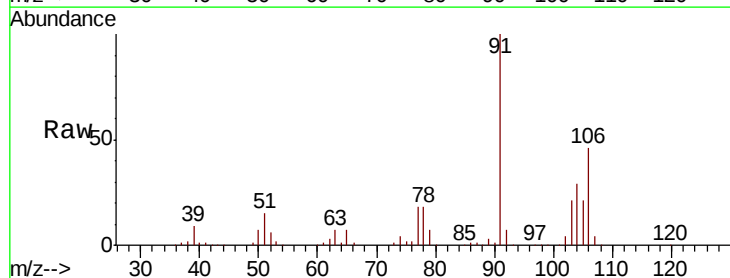


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

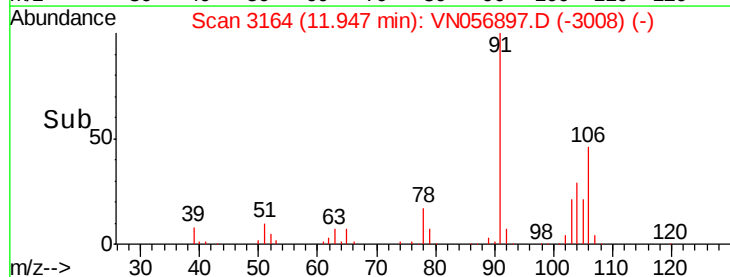
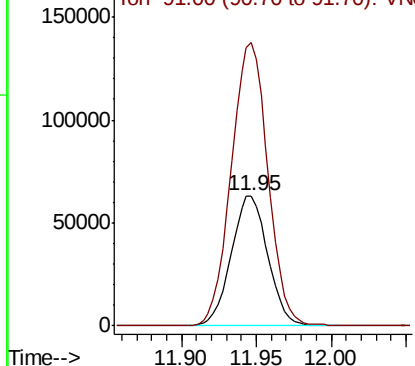


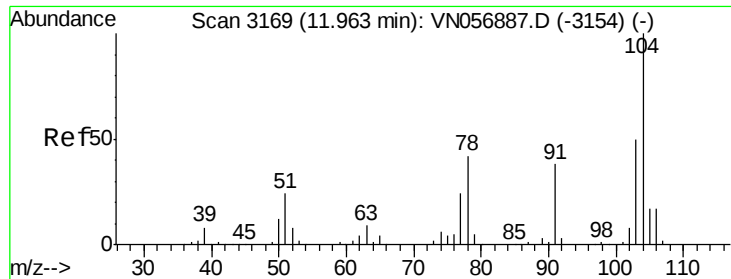
#68
o-Xylene
Concen: 19.719 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion:106 Resp: 107411
Ion Ratio Lower Upper
106 100
91 218.3 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

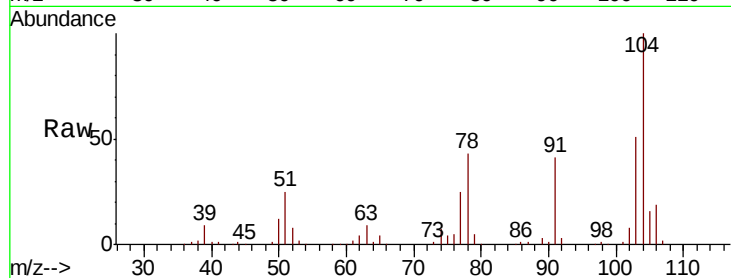




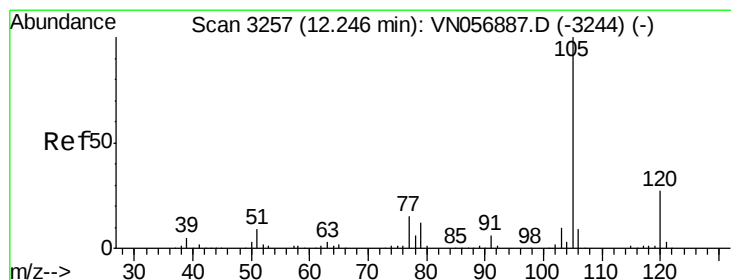
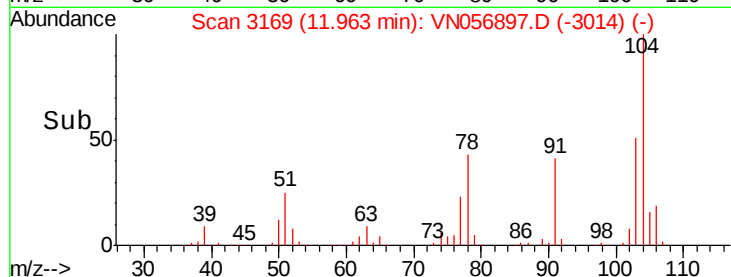
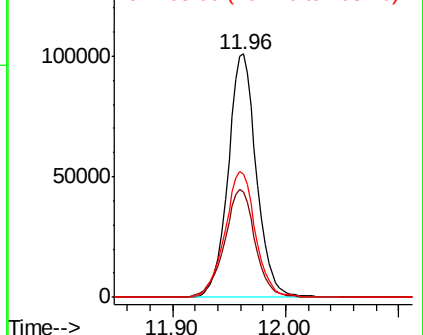
#69
Stvrene
Concen: 19.878 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:104 Resp: 175461
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.8 44.7 67.1

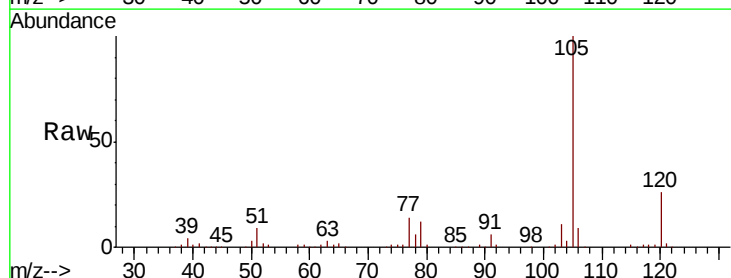


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

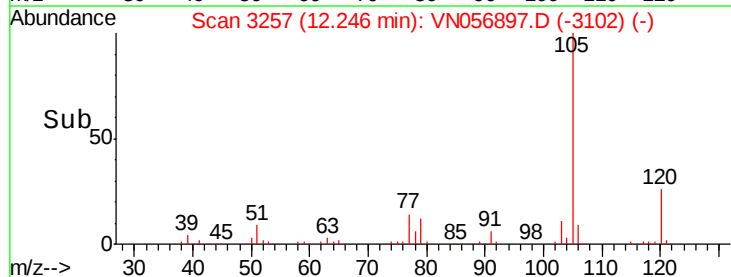
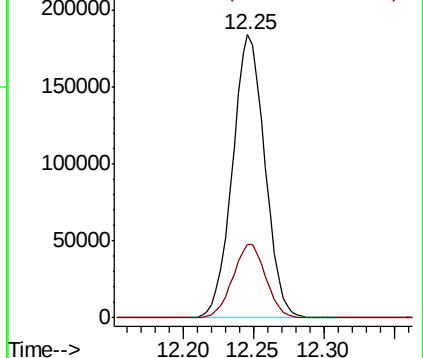


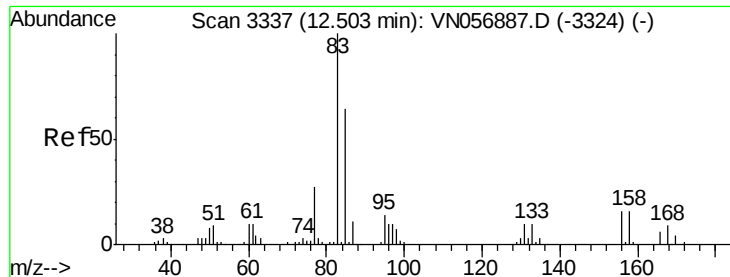
#70
Isopropylbenzene
Concen: 20.568 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion:105 Resp: 294999
Ion Ratio Lower Upper
105 100
120 26.5 18.7 34.7



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

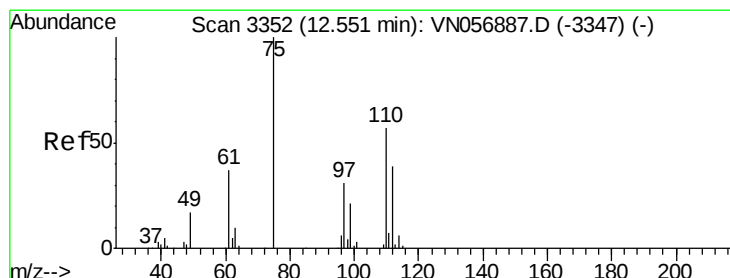
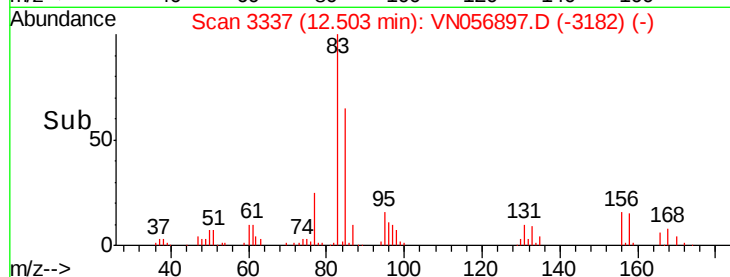
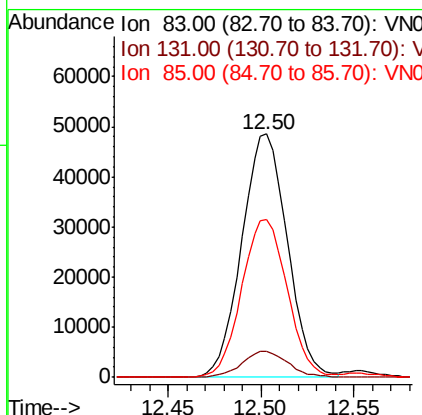
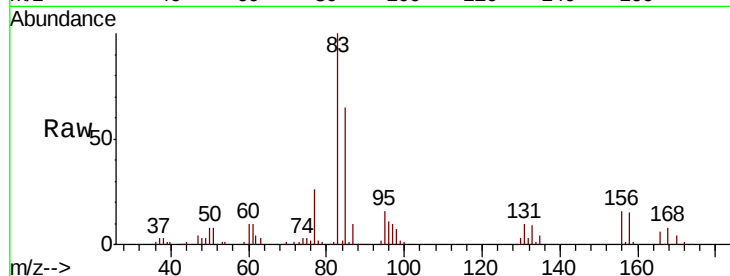




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.681 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

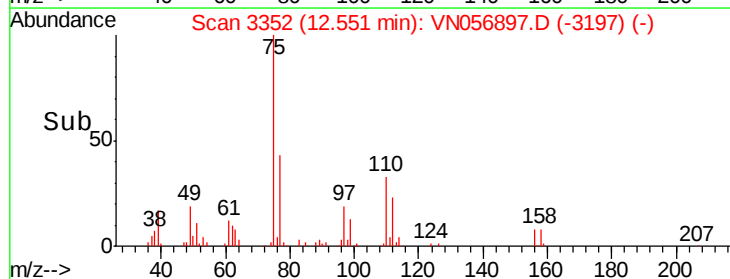
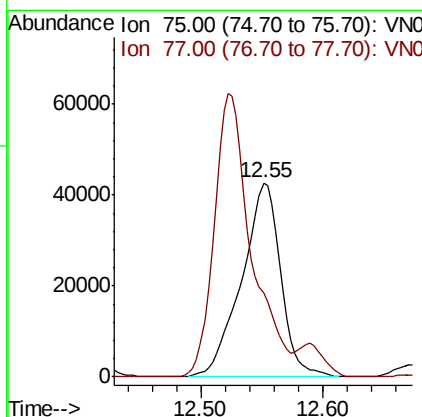
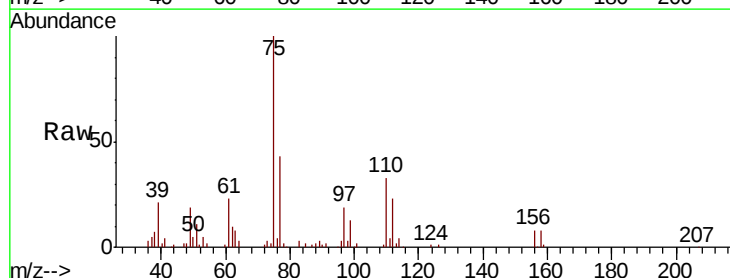
Instrument :
 MSVOA_N
 ClientSampleId :

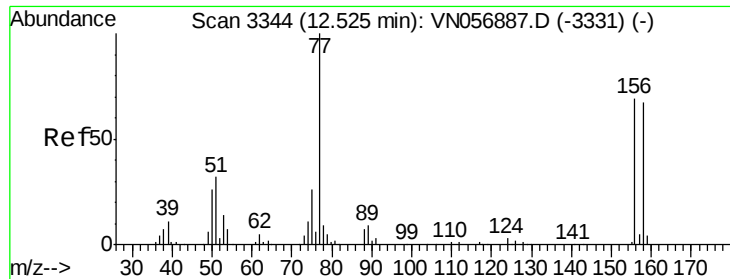
Tot Ion	83	Resp	83078
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.2
85	64.6	31.8	95.4



#72
 1,2,3-Trichloropropane
 Concen: 26.674 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion	75	Resp	94277
Ion Ratio	Lower	Upper	
75	100		
77	140.0	0.0	378.6





#73

Bromobenzene

Concen: 19.824 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampled :

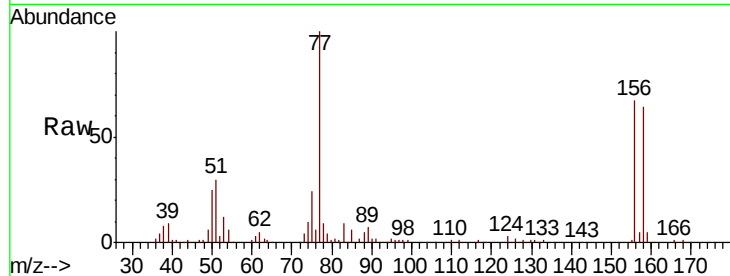
Tot Ion:156 Resp: 73368

Ion Ratio Lower Upper

156 100

77 179.8 0.0 364.6

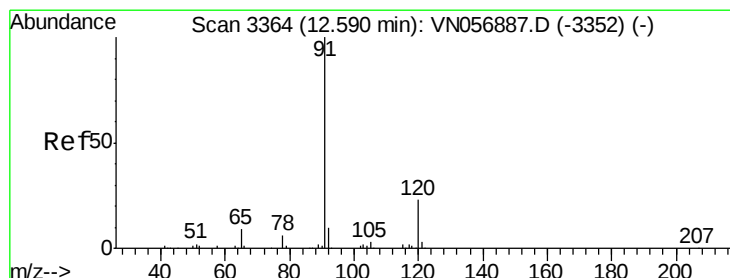
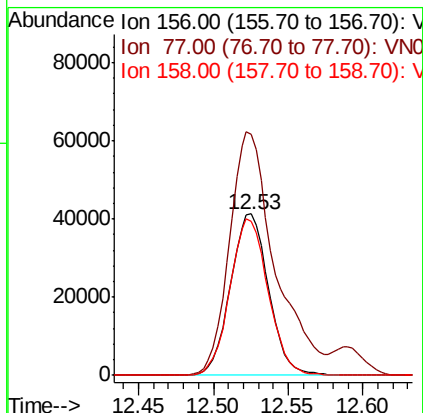
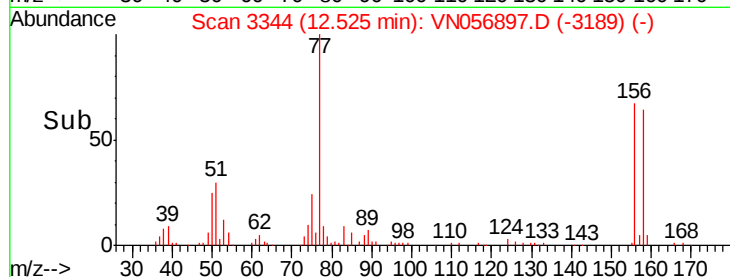
158 97.0 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.788 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056897.D

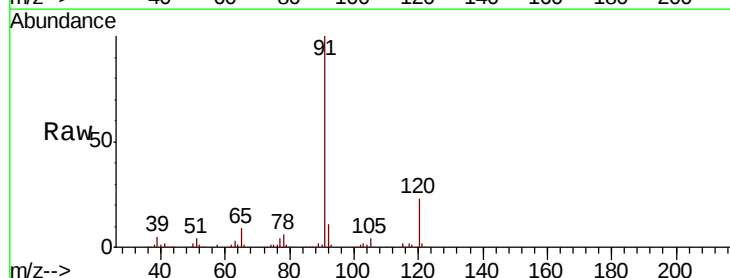
Acq: 24 Jul 2019 00:42

Tgt Ion: 91 Resp: 310317

Ion Ratio Lower Upper

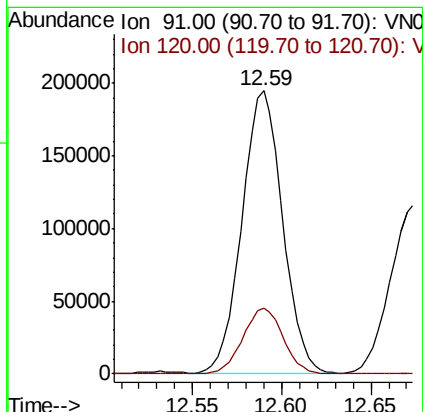
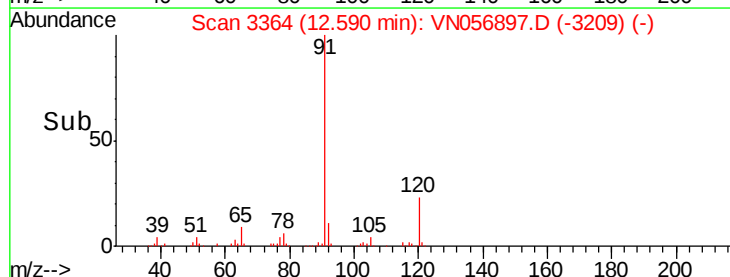
91 100

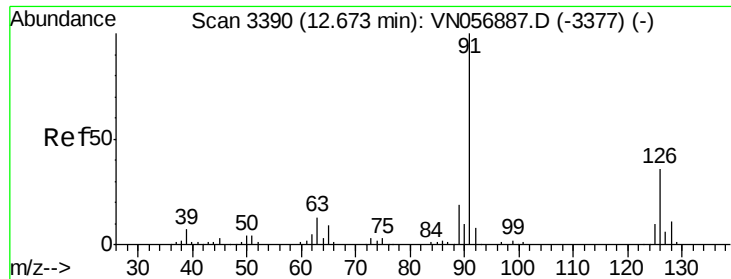
120 23.0 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.459 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

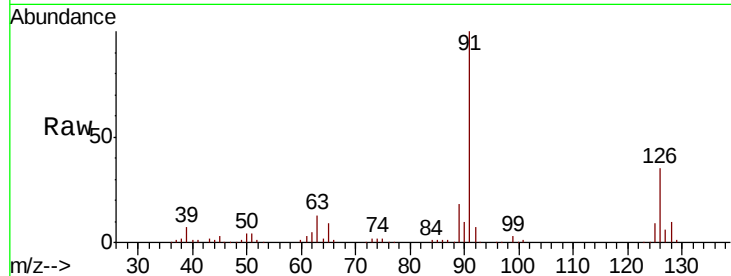
ClientSampleId :

Tot Ion: 91 Resp: 194520

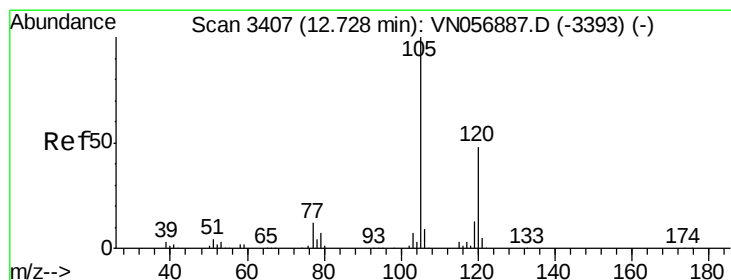
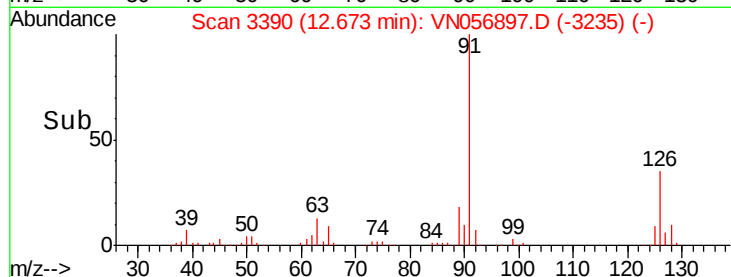
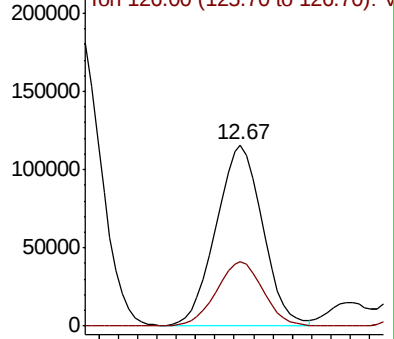
Ion Ratio Lower Upper

91 100

126 35.4 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VN056887.D (-3377) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.402 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056897.D

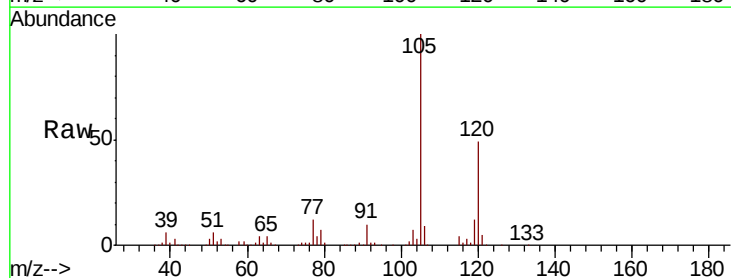
Acq: 24 Jul 2019 00:42

Tgt Ion:105 Resp: 246331

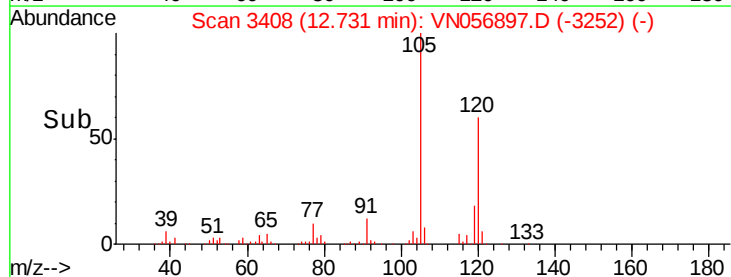
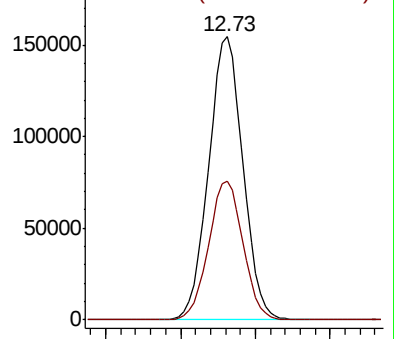
Ion Ratio Lower Upper

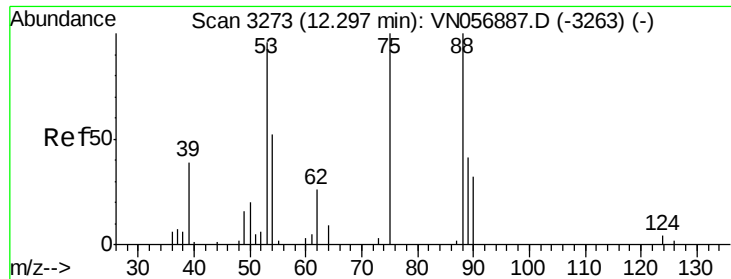
105 100

120 49.1 0.0 97.2



Abundance Ion 105.00 (104.70 to 105.70): VN056887.D (-3393) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 15.694 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampled :

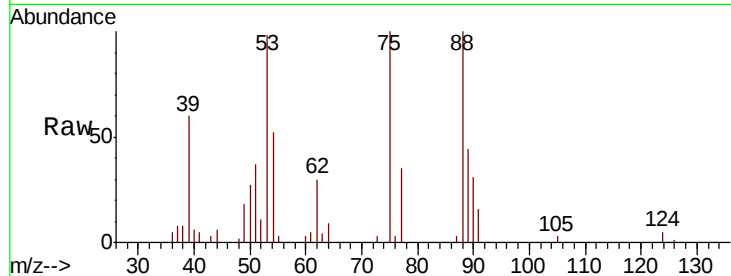
Tot Ion: 75 Resp: 17416

Ion Ratio Lower Upper

75 100

53 96.5 48.0 144.0

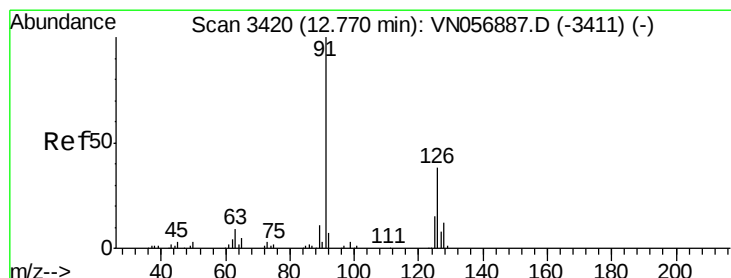
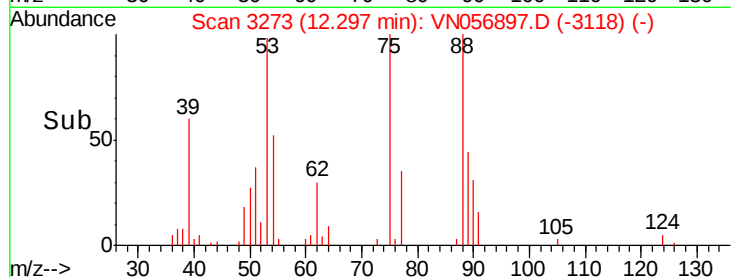
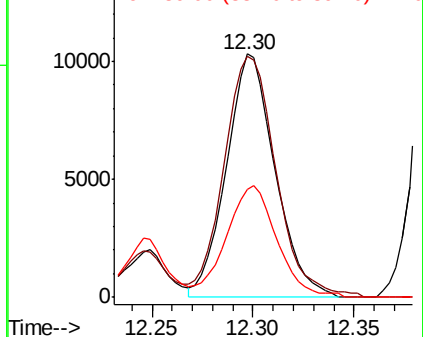
89 42.5 21.4 64.3



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: 19.865 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056897.D

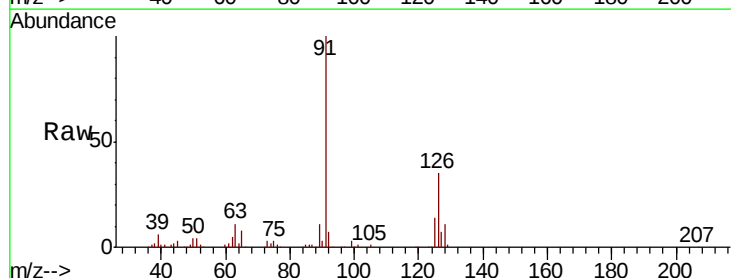
Acq: 24 Jul 2019 00:42

Tgt Ion: 91 Resp: 179532

Ion Ratio Lower Upper

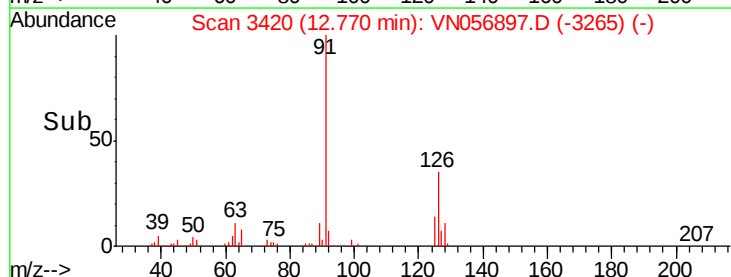
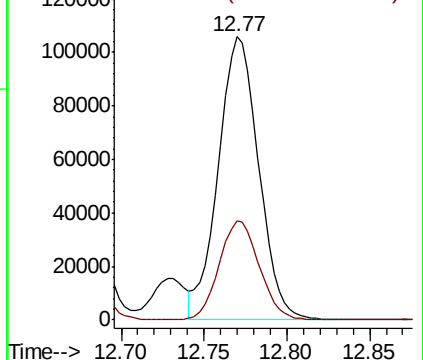
91 100

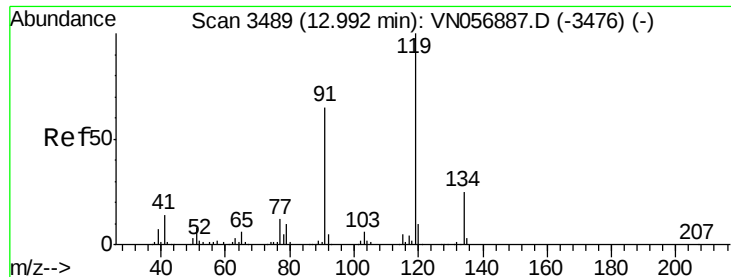
126 34.7 0.0 69.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

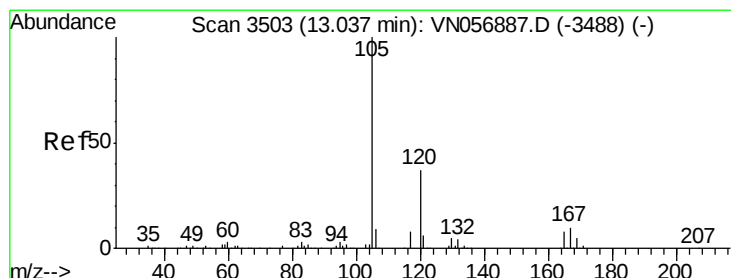
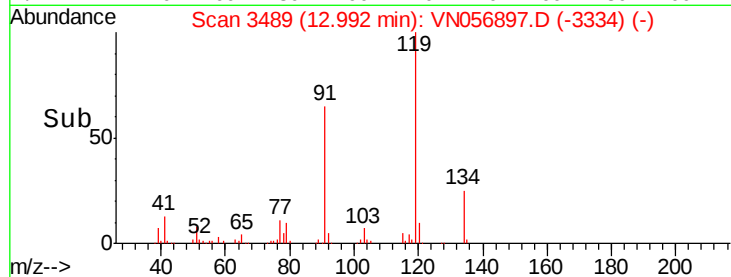
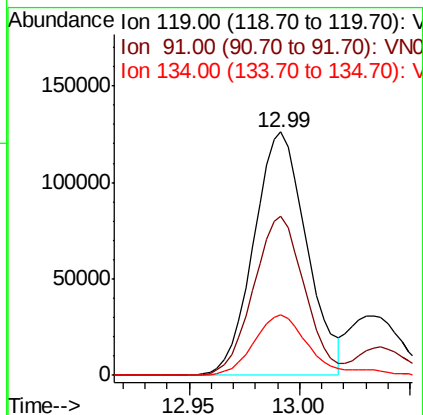
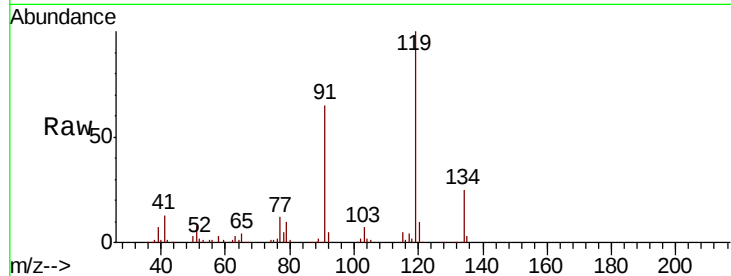




#79
tert-butylbenzene
Concen: 20.134 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

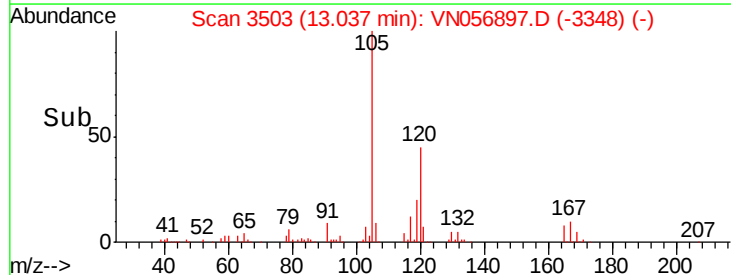
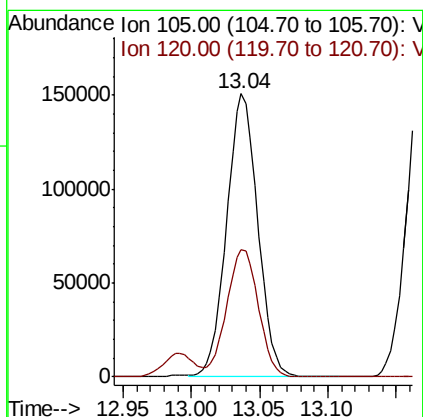
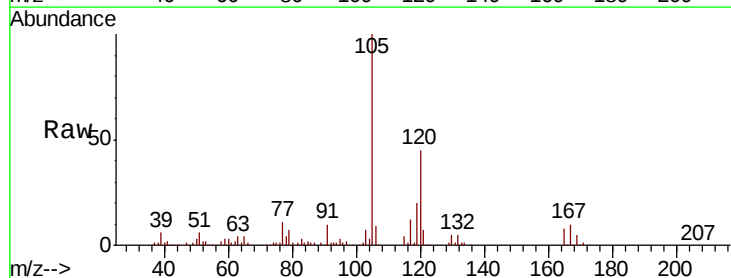
Instrument :
MSVOA_N
ClientSampled :

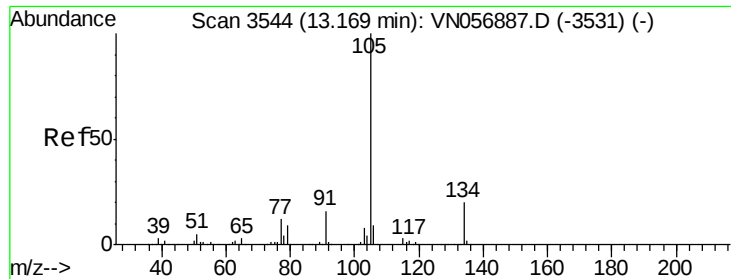
Tot Ion:119 Resp: 209783
Ion Ratio Lower Upper
119 100
91 63.5 0.0 126.8
134 26.5 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 20.322 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056897.D
Acq: 24 Jul 2019 00:42

Tgt Ion:105 Resp: 239203
Ion Ratio Lower Upper
105 100
120 46.0 0.0 90.6





#81

sec-Butylbenzene

Concen: 19.728 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

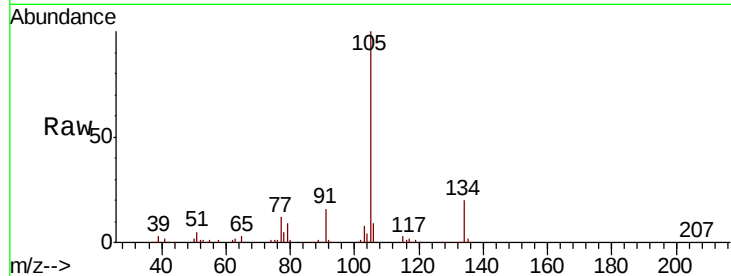
ClientSampleId :

Tot Ion:105 Resp: 268350

Ion Ratio Lower Upper

105 100

134 20.1 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

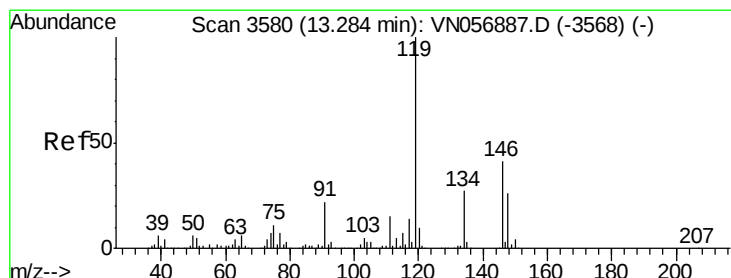
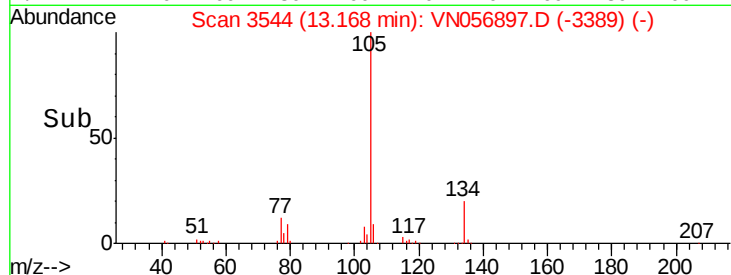
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 19.653 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

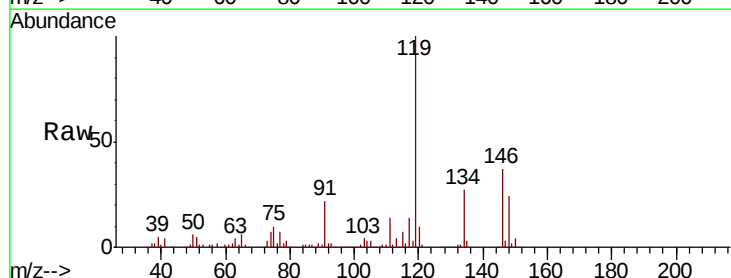
Tgt Ion:119 Resp: 240093

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.2

91 22.1 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

13.29

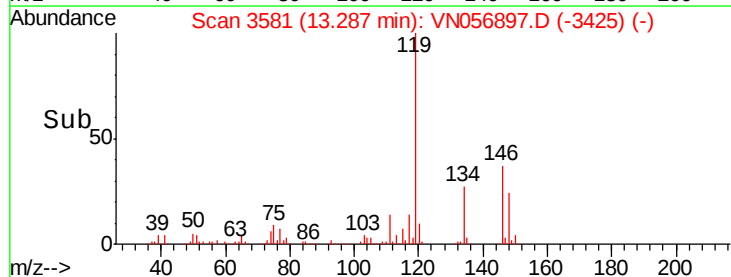
150000

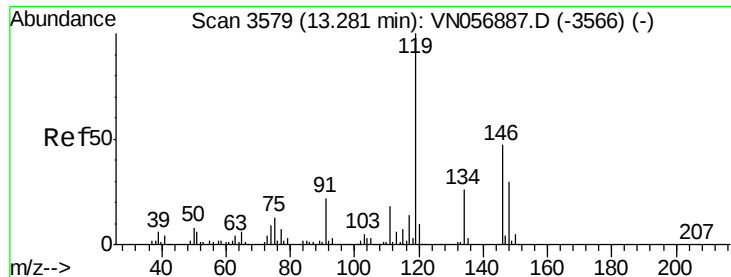
100000

50000

0

Time-->

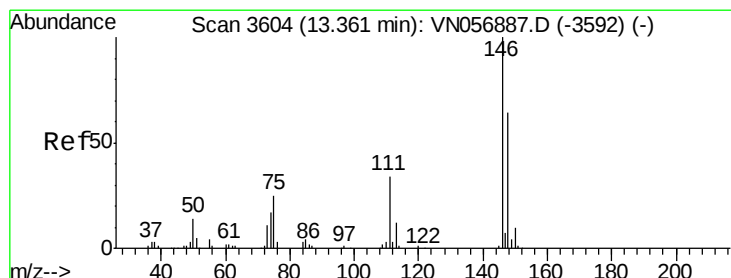
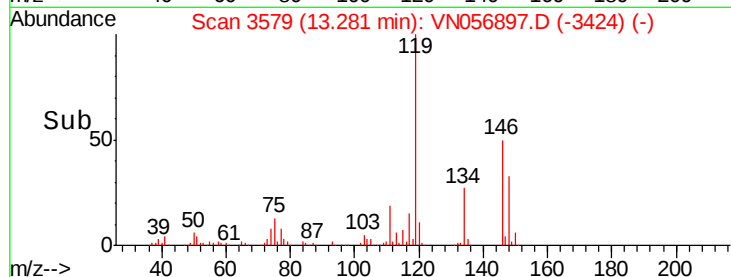
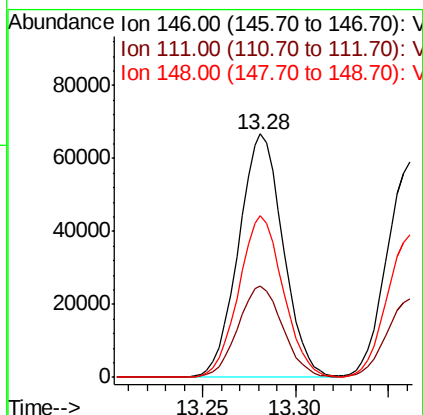
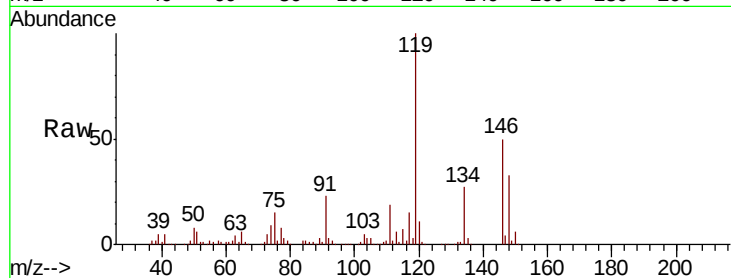




#83
 1,3-Dichlorobenzene
 Concen: 19.093 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

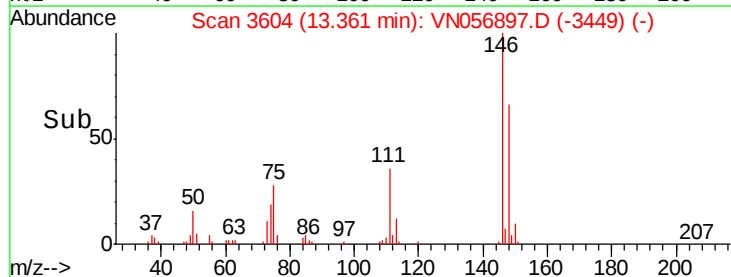
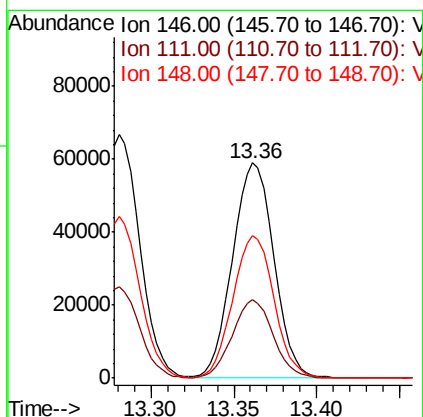
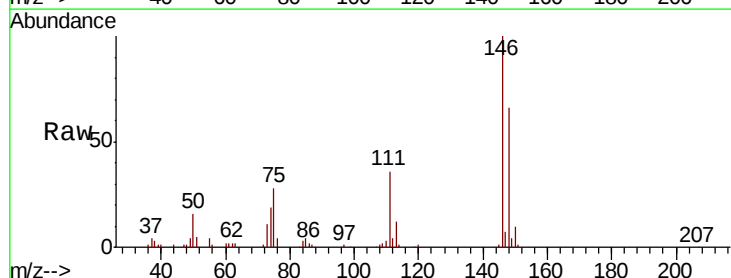
Instrument :
 MSVOA_N
 ClientSampleId :

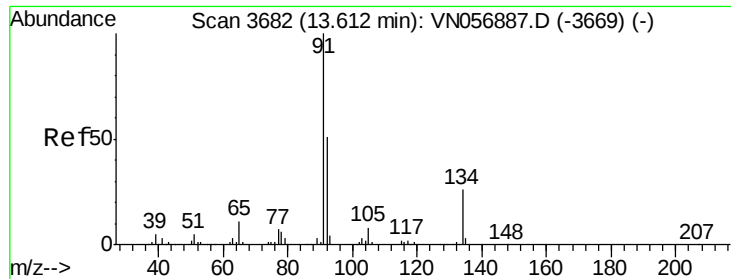
Tot Ion:146 Resp: 111255
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.4
 148 66.1 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.616 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion:146 Resp: 102564
 Ion Ratio Lower Upper
 146 100
 111 36.0 17.8 53.5
 148 65.7 32.6 97.7





#85

n-Butylbenzene

Concen: 18.292 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampleId :

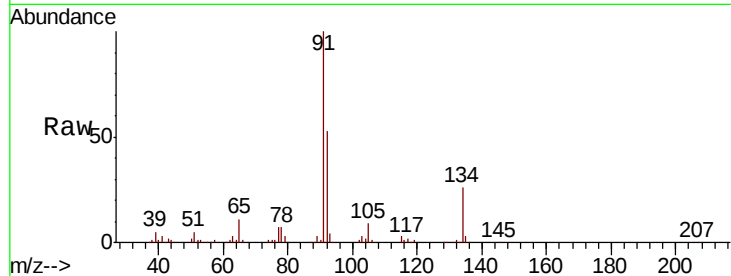
Tot Ion: 91 Resp: 175471

Ion Ratio Lower Upper

91 100

92 51.6 0.0 101.8

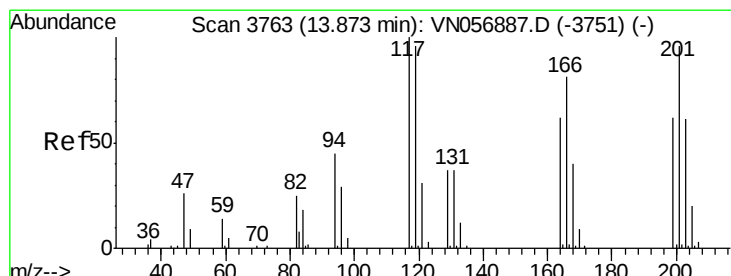
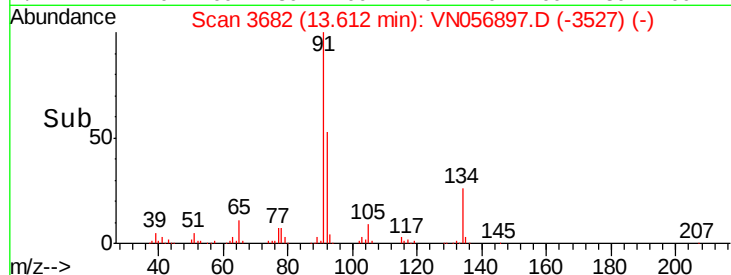
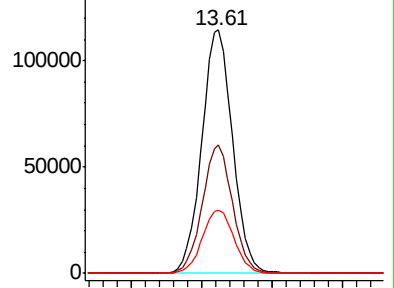
134 26.7 0.0 52.4



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) (-)



#86

Hexachloroethane

Concen: 19.275 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056897.D

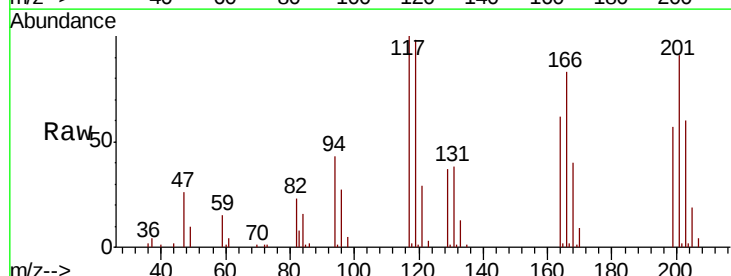
Acq: 24 Jul 2019 00:42

Tgt Ion: 117 Resp: 39408

Ion Ratio Lower Upper

117 100

201 93.2 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) (-)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

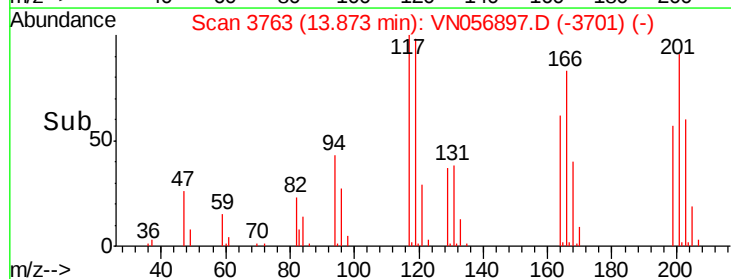
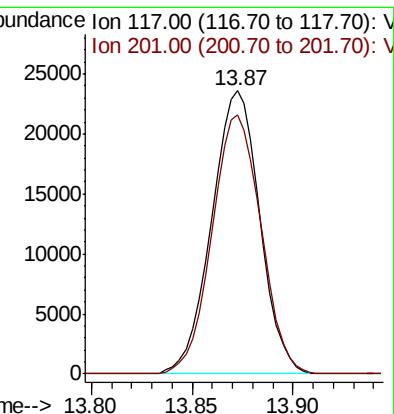
Ion 201.00 (200.70 to 201.70): VN056887.D (-3751) (-)

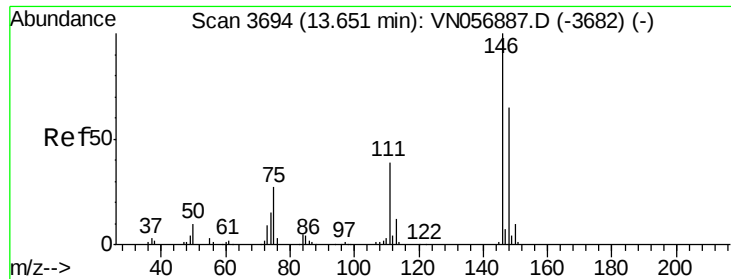
Ion 117.00 (116.70 to 117.70): VN056887.D (-3751) (-)

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

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

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

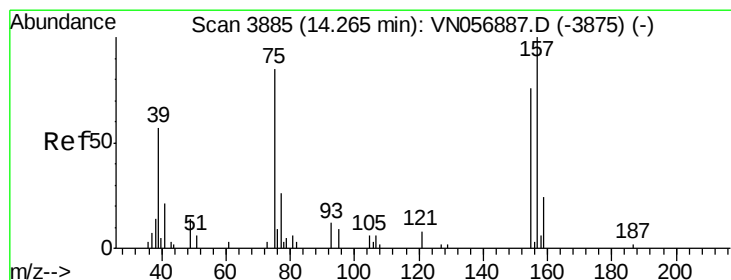
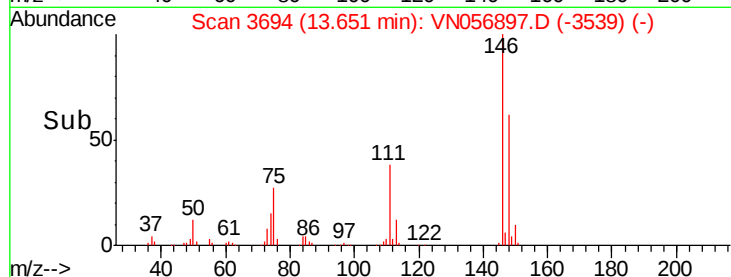
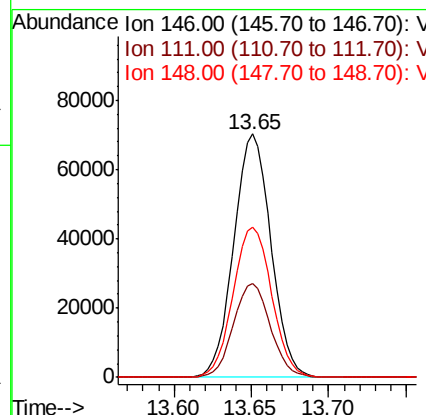
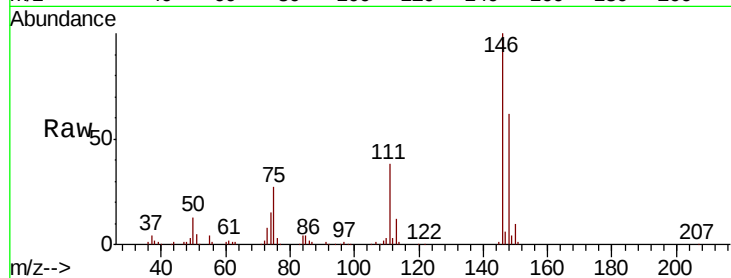




#87
 1,2-Dichlorobenzene
 Concen: 20.252 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

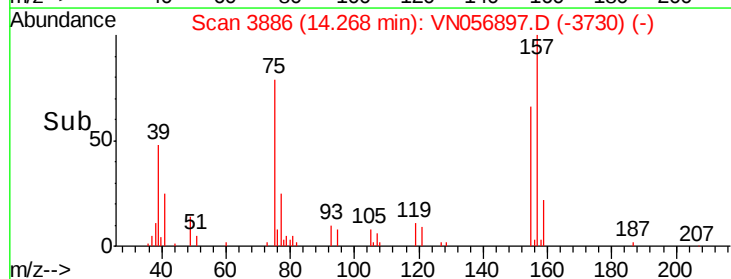
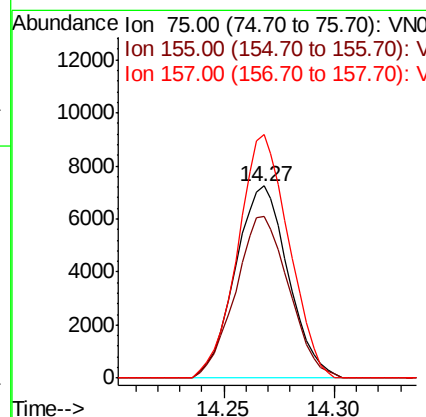
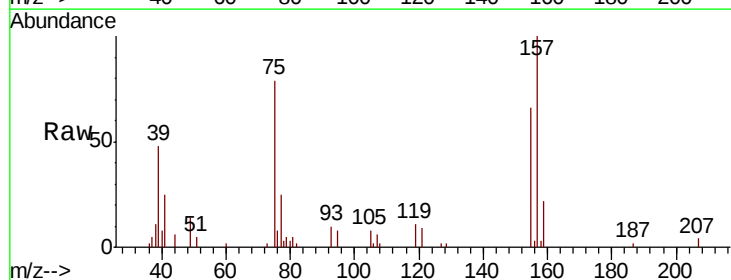
Instrument :
 MSVOA_N
 ClientSampled :

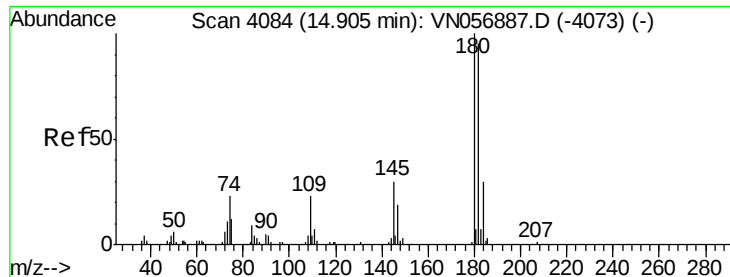
Tot Ion:146 Resp: 117217
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.6 58.8
 148 64.0 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.411 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 75 Resp: 12063
 Ion Ratio Lower Upper
 75 100
 155 84.9 73.4 110.2
 157 122.3 95.0 142.6

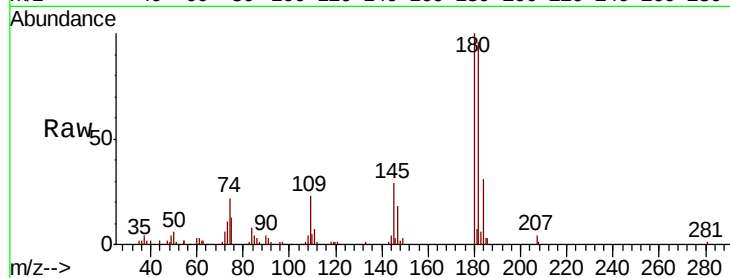




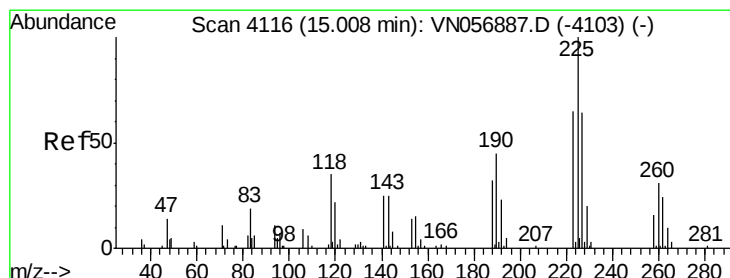
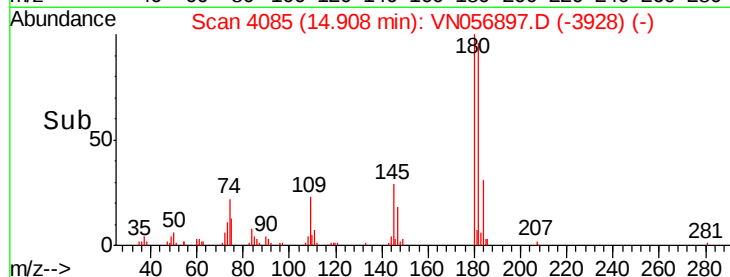
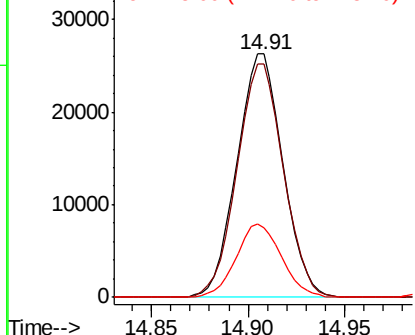
#89
 1,2,4-Trichlorobenzene
 Concen: 18.923 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 43476
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.0 115.4
 145 29.7 23.5 35.3

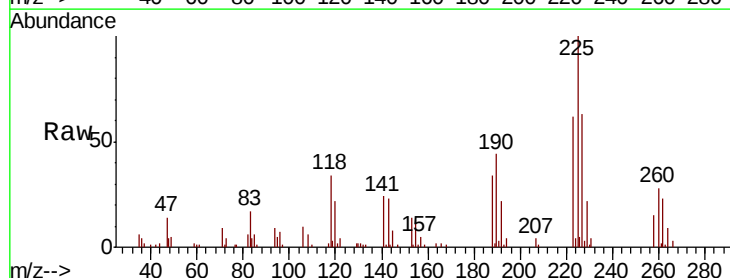


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

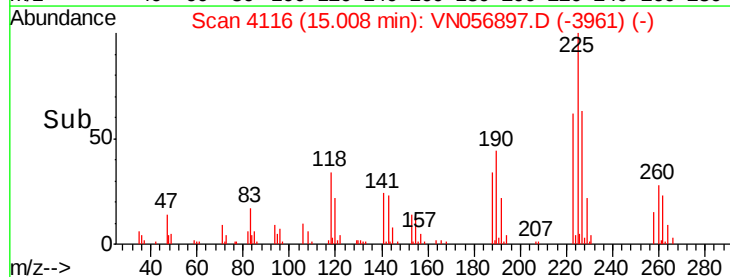
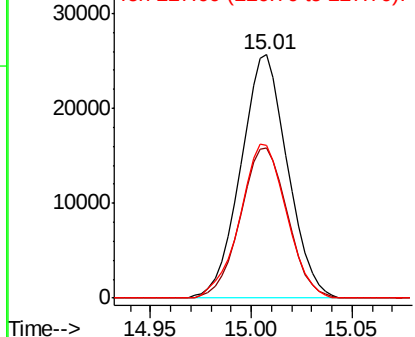


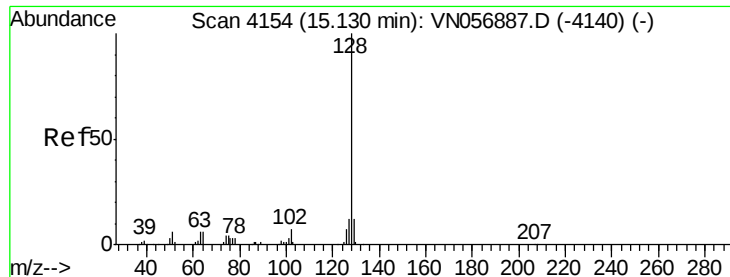
#90
 Hexachlorobutadiene
 Concen: 19.578 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056897.D
 Acq: 24 Jul 2019 00:42

Tgt Ion:225 Resp: 41651
 Ion Ratio Lower Upper
 225 100
 223 62.0 0.0 130.0
 227 63.0 0.0 127.2



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.364 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

Instrument :

MSVOA_N

ClientSampleId :

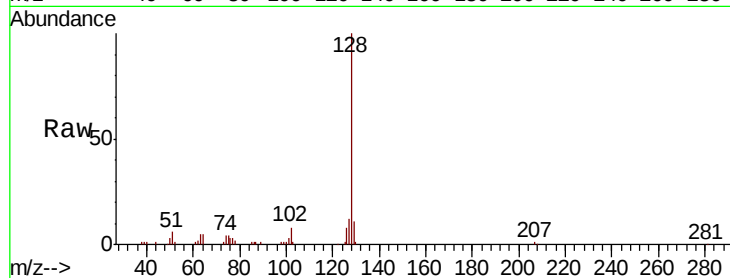
Tot Ion:128 Resp: 109343

Ion Ratio Lower Upper

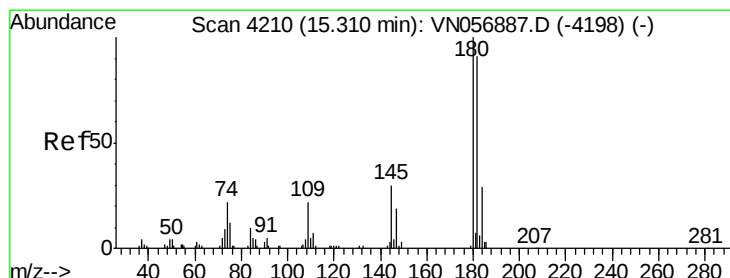
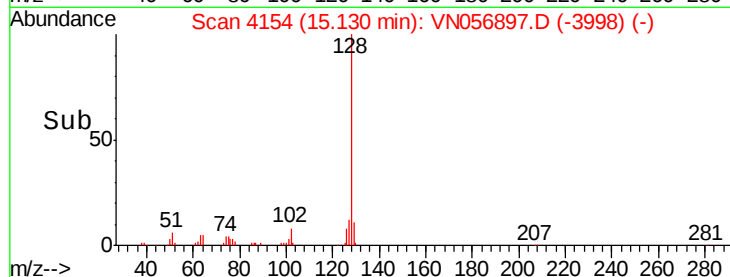
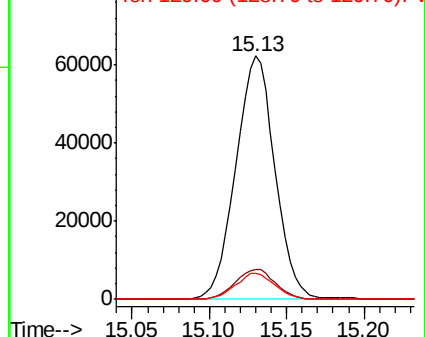
128 100

127 12.6 10.0 15.0

129 10.7 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: 16.681 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056897.D

Acq: 24 Jul 2019 00:42

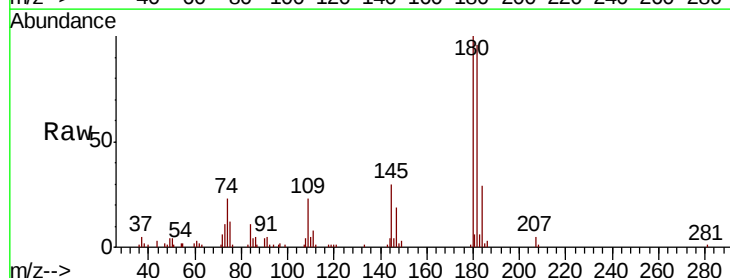
Tgt Ion:180 Resp: 51040

Ion Ratio Lower Upper

180 100

182 95.8 0.0 188.0

145 30.1 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

