

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070319\
 Data File : VN056576.D
 Acq On : 3 Jul 2019 9:33
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Jul 03 10:36:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 10:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	50099	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	277646	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	240074	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	103875	33.39	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	111.30%
60) 4-Bromofluorobenzene	12.40	95	107728	30.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.90%
63) Toluene-d8	10.09	98	340921	31.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.33%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	50103	17.781	ug/l 97
3) Chloromethane	2.06	50	70896	21.534	ug/l 99
4) Vinyl Chloride	2.18	62	66131	19.701	ug/l 99
5) Bromomethane	2.54	94	36005	17.068	ug/l 98
6) Chloroethane	2.69	64	36934	19.453	ug/l 93
7) Trichlorofluoromethane	3.01	101	86508	20.830	ug/l 97
8) Diethyl Ether	3.41	74	36313	20.616	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	54306	21.183	ug/l 96
10) 1,1-Dichloroethene	3.73	96	53690	20.530	ug/l 95
11) Methyl Iodide	3.95	142	71363	17.296	ug/l 98
12) Methyl Acetate	4.33	43	67892	21.604	ug/l 98
13) Acrolein	3.61	56	34700	226.544	ug/l 95
14) Acrylonitrile	4.99	53	156750	111.850	ug/l 100
15) Acetone	3.82	58	45275	98.666	ug/l 95
16) Carbon Disulfide	4.05	76	121104	19.462	ug/l 100
17) Allyl chloride	4.32	41	90320	22.291	ug/l 98
18) Methylene Chloride	4.55	84	62738	20.722	ug/l 95
19) trans-1,2-Dichloroethene	5.04	96	57605	20.636	ug/l 90
20) Diisopropyl ether	5.95	45	193319	23.028	ug/l 96
21) 1,1-Dichloroethane	5.85	63	109134	22.369	ug/l 98
22) cis-1,2-Dichloroethene	6.83	96	67290	20.653	ug/l 93
23) tert-Butyl Alcohol	4.80	59	53740	98.517	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	173094	20.769	ug/l 98
25) Chloroform	7.37	83	107019	21.967	ug/l 99
26) Cyclohexane	7.65	56	99292	21.937	ug/l # 95
29) 1,1-Dichloropropene	7.79	75	79026	21.042	ug/l 97
30) 2-Butanone	6.84	43	224423	113.508	ug/l 96
31) 2,2-Dichloropropane	6.82	77	74918	21.443	ug/l 96
32) 1,1,1-Trichloroethane	7.57	97	84559	20.379	ug/l 99
33) Carbon Tetrachloride	7.78	117	70017	19.917	ug/l 99
34) Benzene	8.04	78	248663	20.780	ug/l 99
35) Methacrylonitrile	7.18	41	41307	24.741	ug/l 95
36) 1,2-Dichloroethane	8.12	62	80724	21.537	ug/l 98
37) Trichloroethene	8.84	130	63999	19.113	ug/l 92
38) Methylcyclohexane	9.08	83	98654	20.720	ug/l 98
39) 1,2-Dichloropropane	9.12	63	67444	22.007	ug/l 95
40) Dibromomethane	9.21	93	41461	20.404	ug/l 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	74550	20.488	ug/l	99
42) Vinyl Acetate	5.90	43	779843	110.634	ug/l	98
43) Ethyl Acetate	6.93	43	85834	22.684	ug/l	95
44) Isopropyl Acetate	8.17	43	130520	22.215	ug/l	99
45) 1,4-Dioxane	9.20	88	26348	419.227	ug/l	90
46) Methyl methacrylate	9.20	41	63109	21.622	ug/l	97
47) n-amyl Acetate	12.07	43	105308	21.674	ug/l	95
48) t-1,3-Dichloropropene	10.38	75	77512	20.242	ug/l	96
49) cis-1,3-Dichloropropene	9.84	75	91006	20.296	ug/l	96
50) 1,1,2-Trichloroethane	10.56	97	61052	20.228	ug/l	97
51) Ethyl methacrylate	10.43	69	94871	20.777	ug/l	96
52) 1,3-Dichloropropane	10.71	76	102933	21.036	ug/l	99
53) Dibromochloromethane	10.90	129	57612	19.500	ug/l	98
54) 1,2-Dibromoethane	11.00	107	62199	19.749	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	242654	151.716	ug/l	98
56) Bromoform	12.13	173	39596	18.525	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	423972	116.626	ug/l	96
59) 2-Hexanone	10.75	43	311940	120.054	ug/l	98
61) Tetrachloroethene	10.63	164	59818	17.878	ug/l	97
62) Toluene	10.16	91	263335	20.319	ug/l	99
64) Chlorobenzene	11.43	112	156536	19.913	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	55454	19.563	ug/l	99
66) Ethyl Benzene	11.51	91	280960	20.354	ug/l	98
67) m/p-Xylenes	11.62	106	207524	39.277	ug/l	93
68) o-Xylene	11.95	106	102728	19.860	ug/l	96
69) Styrene	11.96	104	170096	20.240	ug/l	97
70) Isopropylbenzene	12.25	105	270304	20.001	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	88736	21.778	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	103133	29.238	ug/l	67
73) Bromobenzene	12.53	156	68857	19.195	ug/l	91
74) n-propylbenzene	12.59	91	298170	20.906	ug/l	97
75) 2-Chlorotoluene	12.67	91	181973	20.571	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	227213	20.439	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	21214	21.077	ug/l	89
78) 4-Chlorotoluene	12.77	91	175184	21.205	ug/l	98
79) tert-butylbenzene	12.99	119	192694	19.565	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	222403	20.566	ug/l	99
81) sec-Butylbenzene	13.17	105	254658	20.439	ug/l	98
82) p-Isopropyltoluene	13.29	119	227696	20.213	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	111020	19.859	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	106630	20.024	ug/l	98
85) n-Butylbenzene	13.61	91	184510	21.946	ug/l	97
86) Hexachloroethane	13.87	117	32408	18.454	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	116288	20.464	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	14719	23.013	ug/l	91
89) 1,2,4-Trichlorobenzene	14.91	180	56175	20.267	ug/l	99
90) Hexachlorobutadiene	15.01	225	39559	19.070	ug/l	98
91) Naphthalene	15.13	128	156855	20.784	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	61051	20.525	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 10:34:01 2019
Response via : Initial Calibration

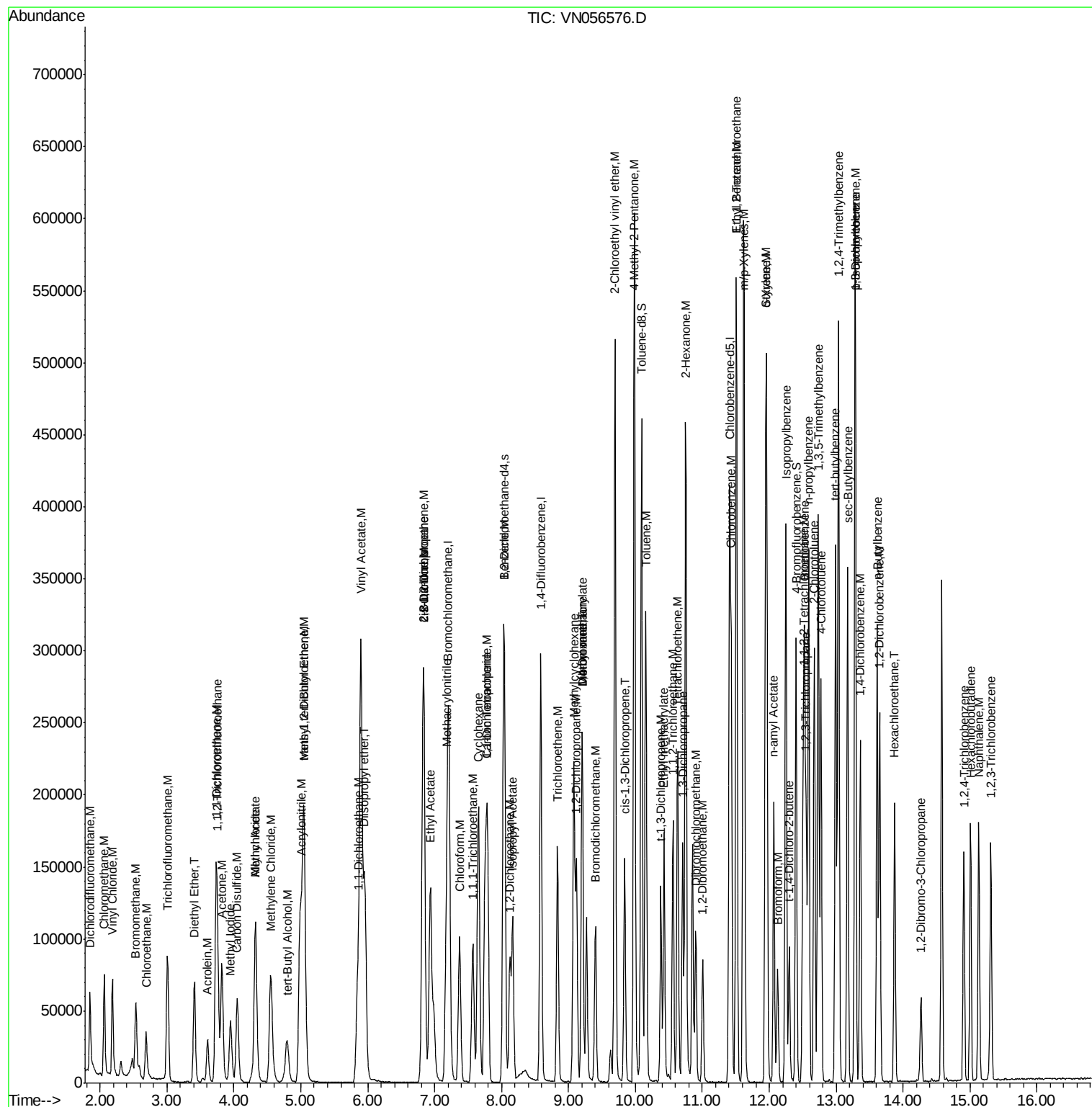
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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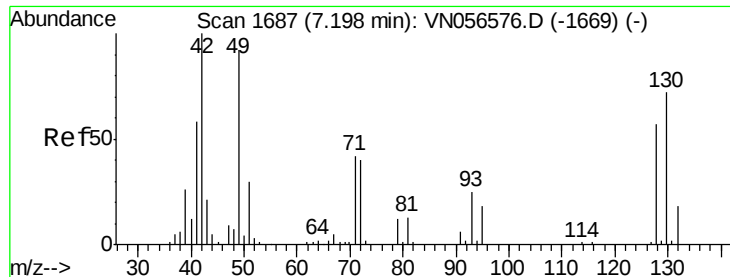
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Jul 03 10:36:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

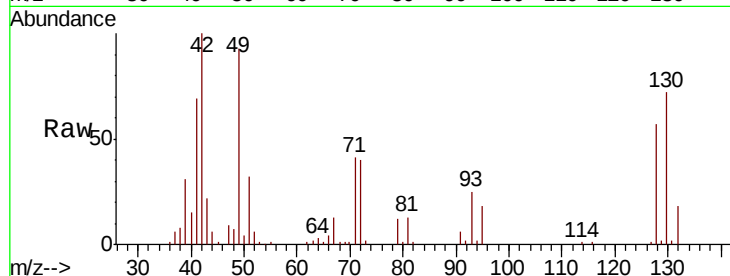
Tgt Ion:128 Resp: 50099

Ion Ratio Lower Upper

128 100

49 165.1 0.0 355.8

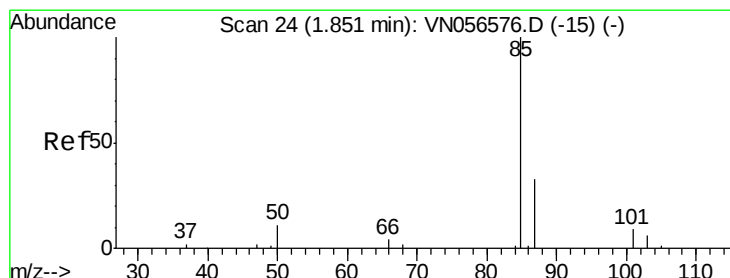
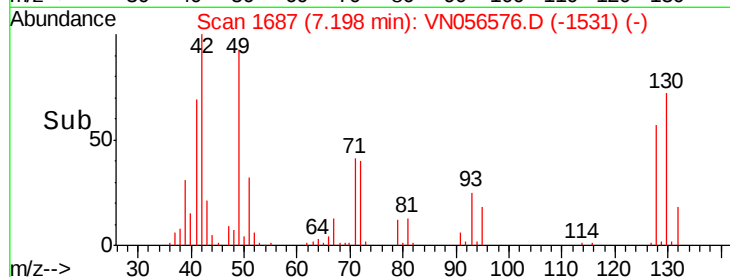
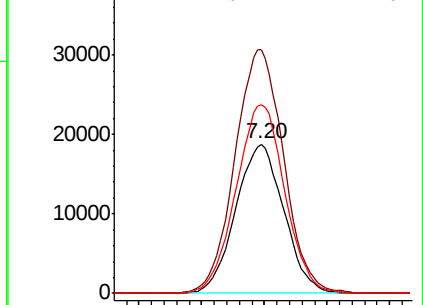
130 128.1 0.0 326.3



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: 17.781 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056576.D

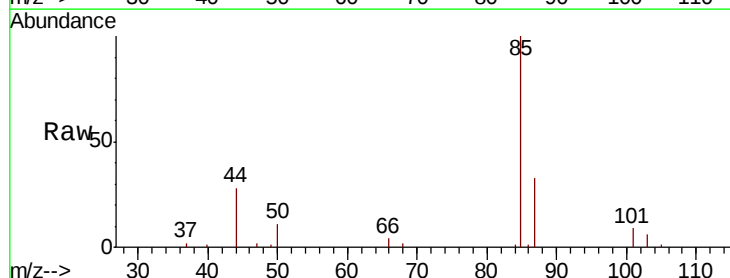
Acq: 3 Jul 2019 9:33

Tgt Ion: 85 Resp: 50103

Ion Ratio Lower Upper

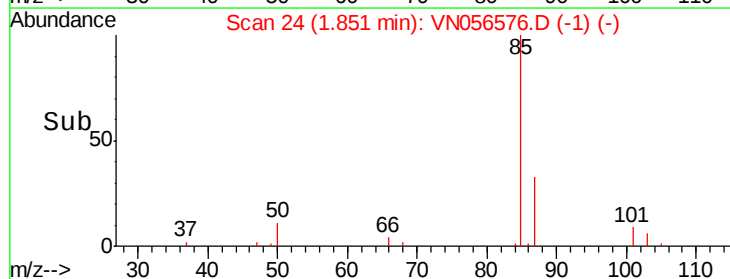
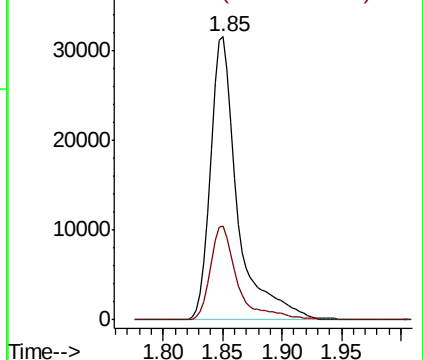
85 100

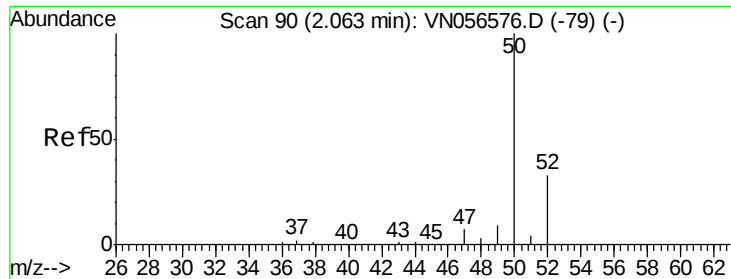
87 33.3 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN

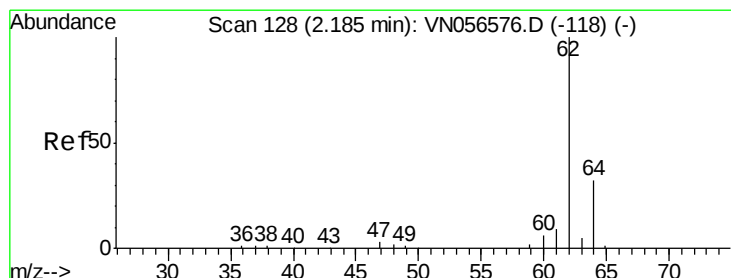
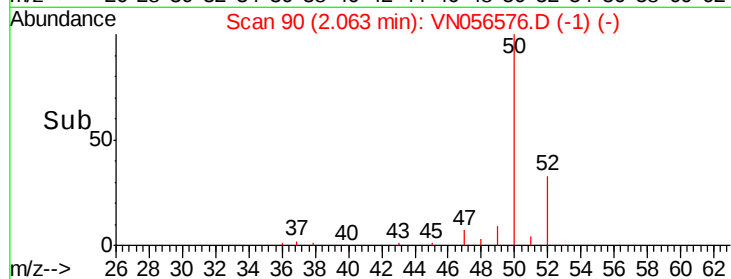
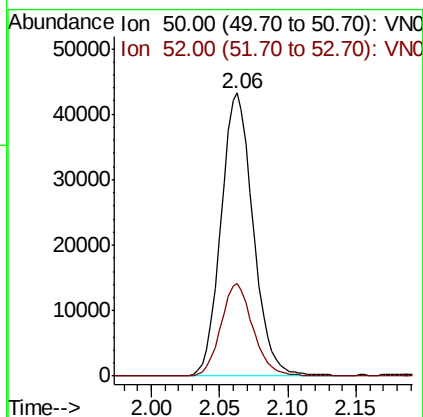
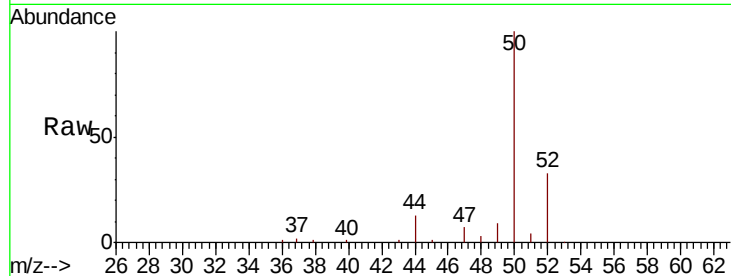




#3
Chloromethane
Concen: 21.534 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

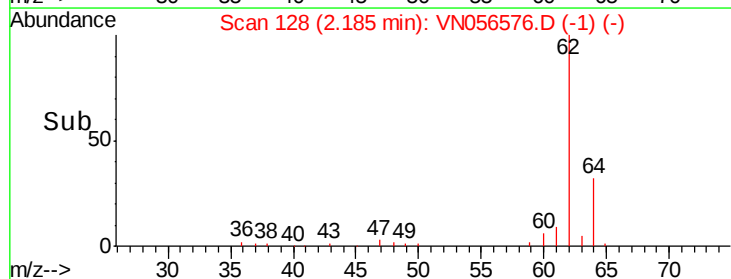
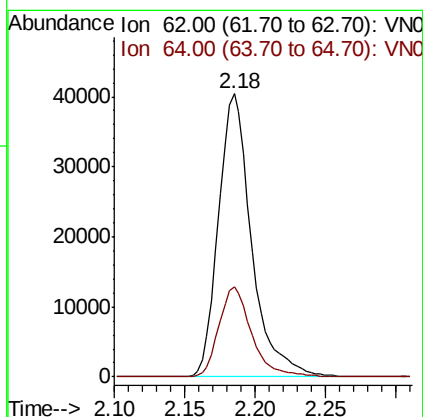
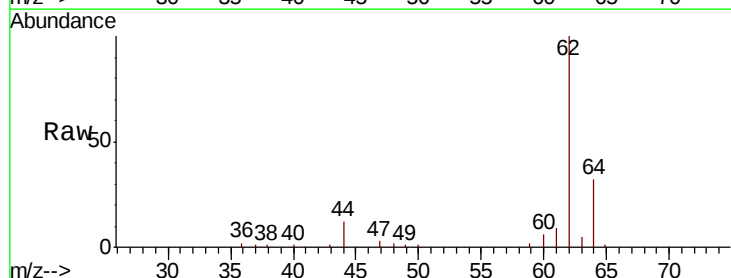
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

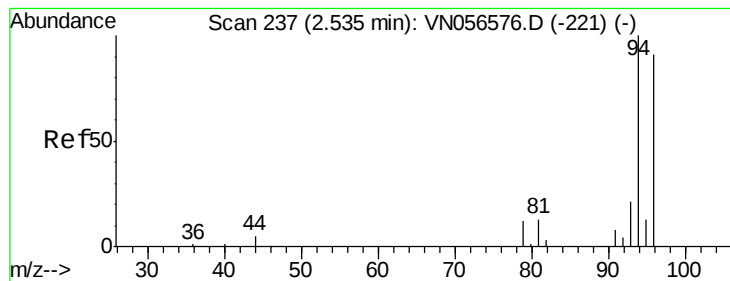
Tgt Ion: 50 Resp: 70896
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 19.701 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 62 Resp: 66131
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.8





#5

Bromomethane

Concen: 17.068 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

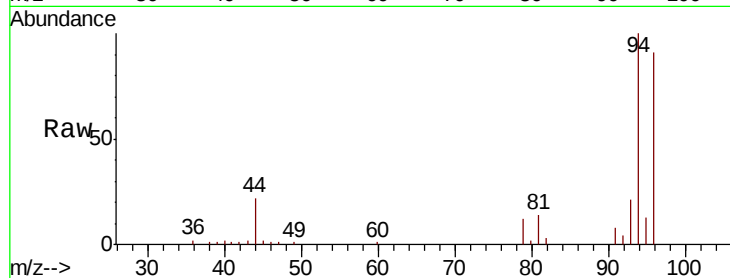
VSTDICCC020

Tgt Ion: 94 Resp: 36005

Ion Ratio Lower Upper

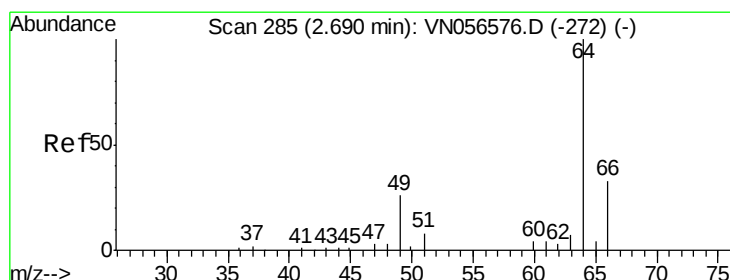
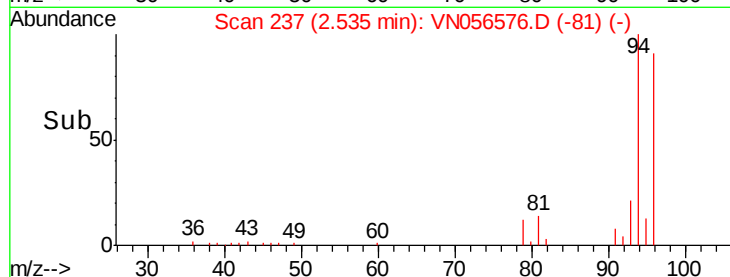
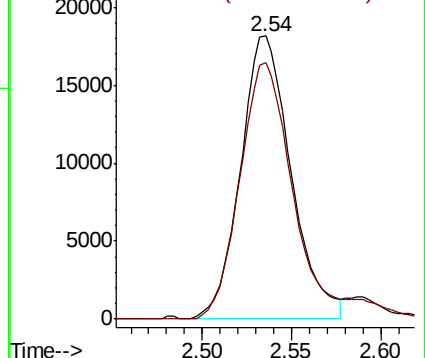
94 100

96 90.6 74.1 111.1



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 19.453 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.00 min

Lab File: VN056576.D

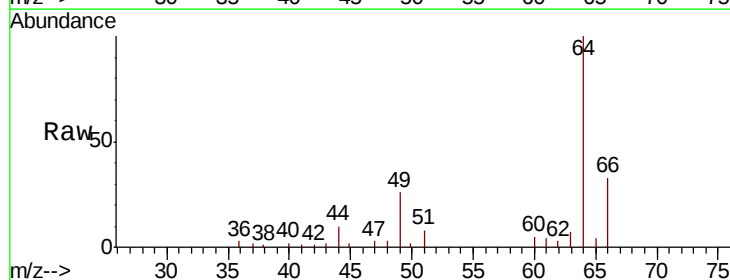
Acq: 3 Jul 2019 9:33

Tgt Ion: 64 Resp: 36934

Ion Ratio Lower Upper

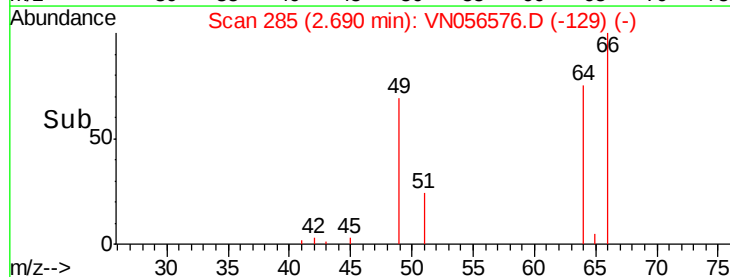
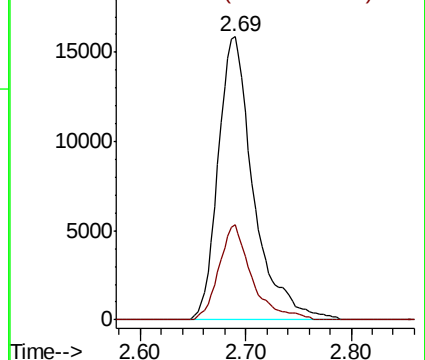
64 100

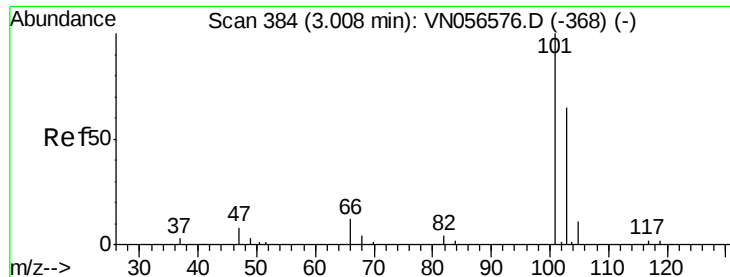
66 33.5 23.7 35.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



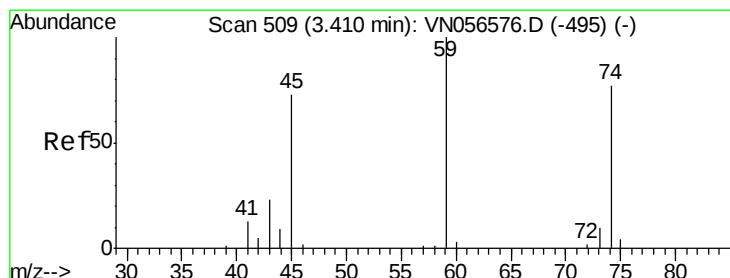
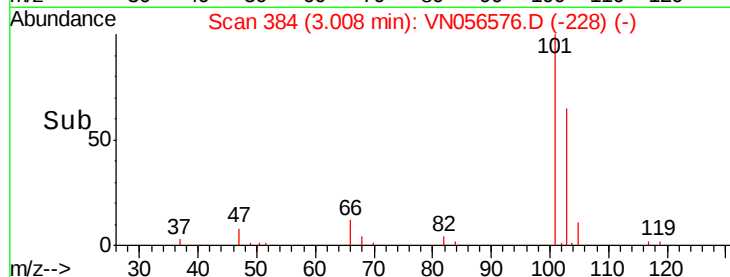
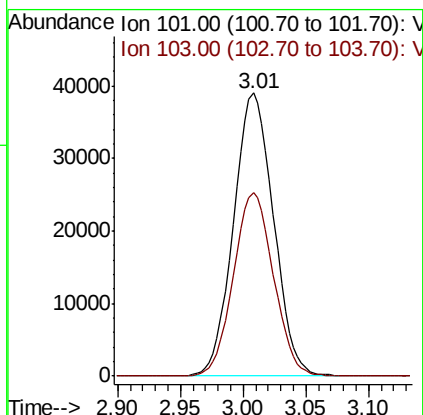
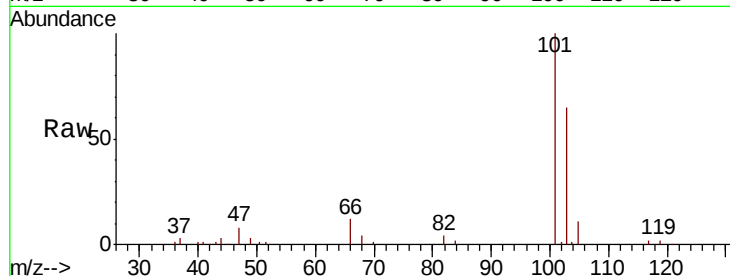


#7

Trichlorofluoromethane
 Concen: 20.830 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Instrument :
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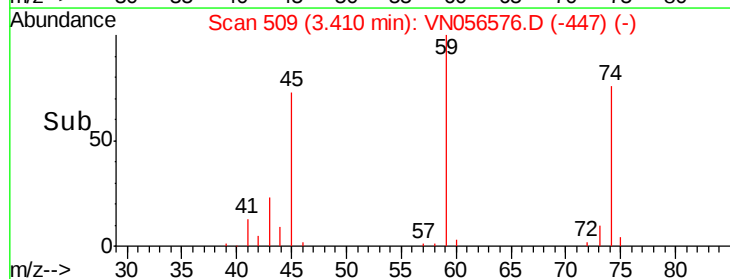
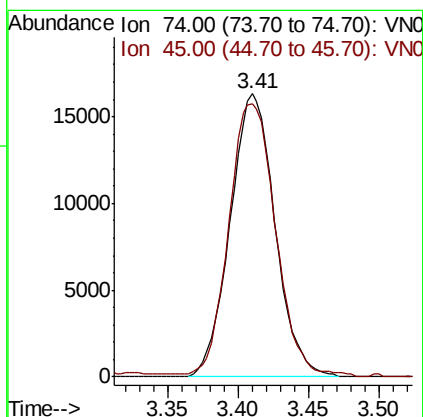
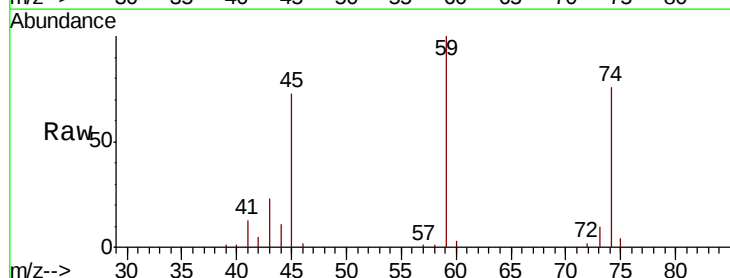
Tgt Ion:101 Resp: 86508
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.4 80.0

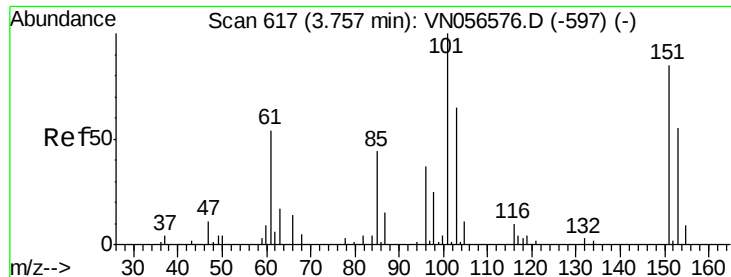


#8

Diethyl Ether
 Concen: 20.616 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 74 Resp: 36313
 Ion Ratio Lower Upper
 74 100
 45 97.4 18.8 169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.183 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

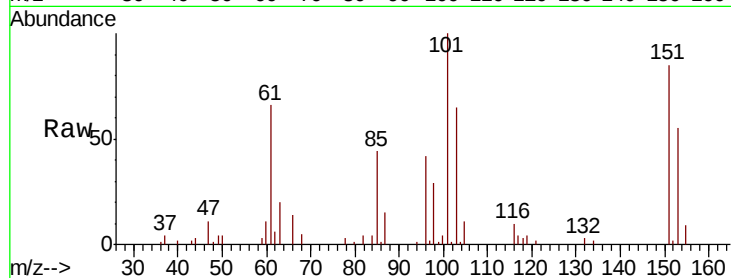
Tgt Ion: 101 Resp: 54306

Ion Ratio Lower Upper

101 100

85 42.5 0.0 82.0

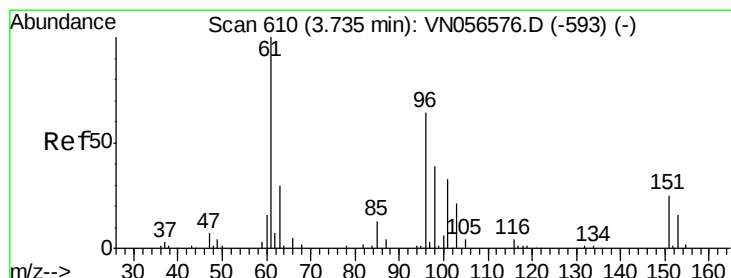
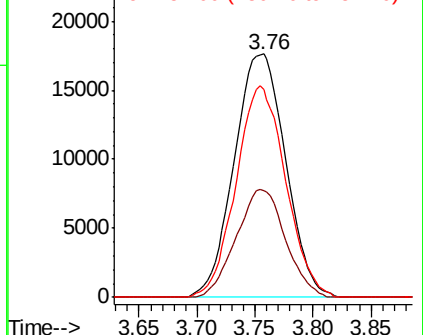
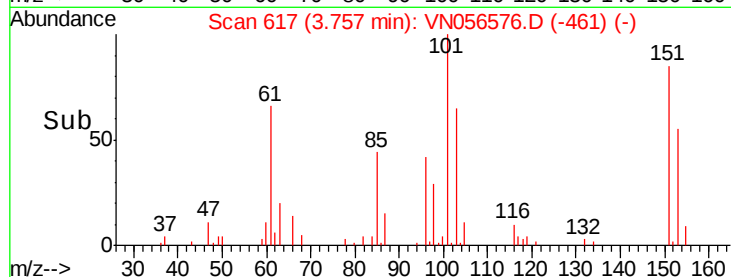
151 84.0 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.530 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

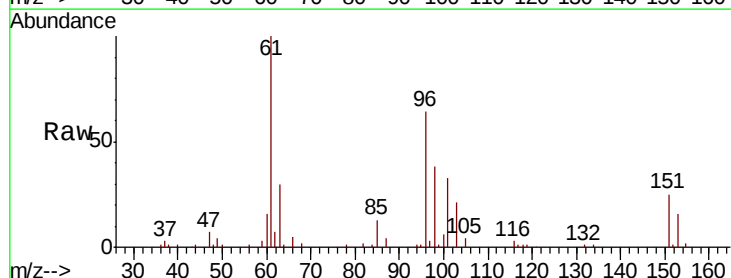
Tgt Ion: 96 Resp: 53690

Ion Ratio Lower Upper

96 100

61 156.0 119.7 179.5

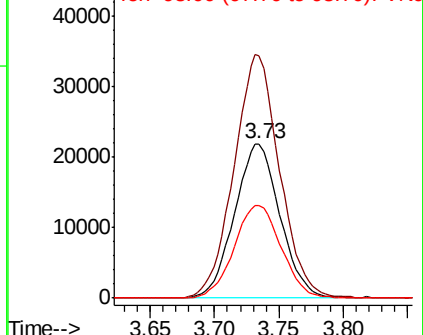
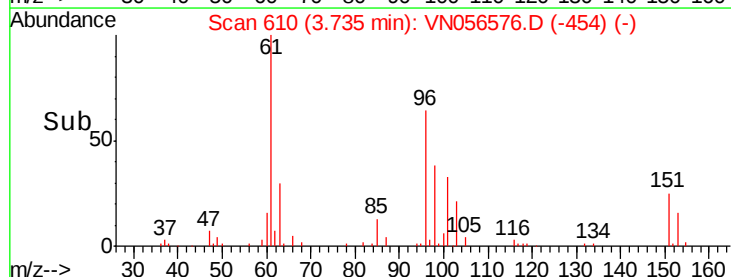
98 60.3 52.3 78.5

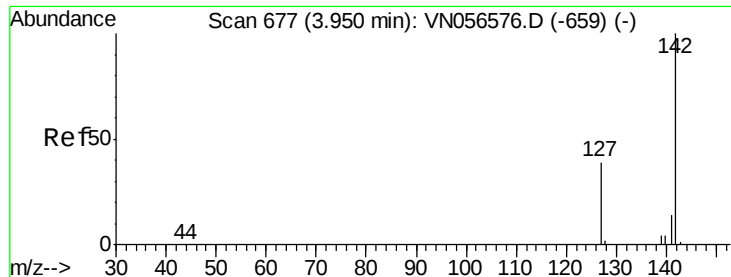


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

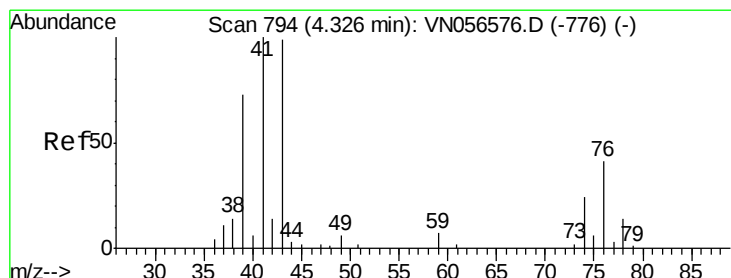
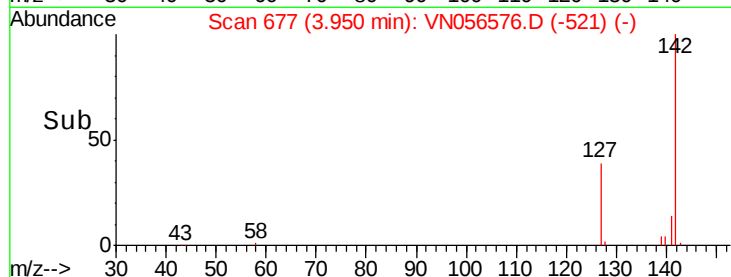
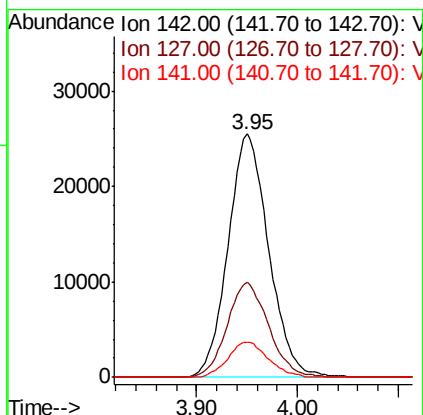
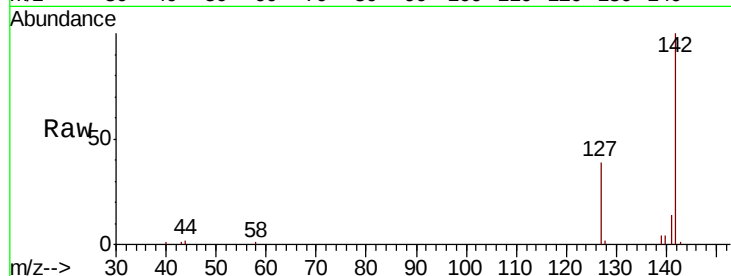




#11
Methyl Iodide
Concen: 17.296 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

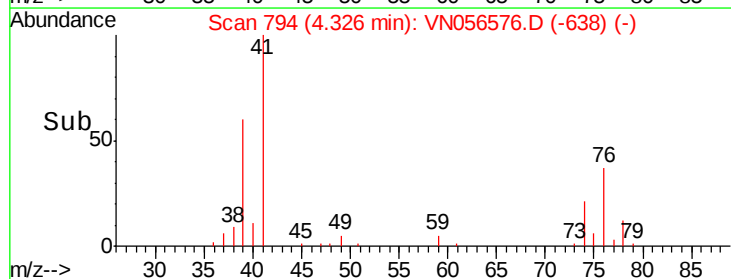
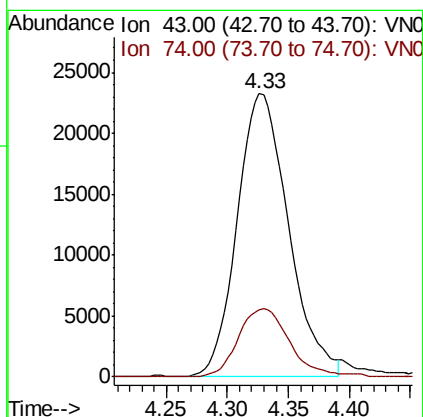
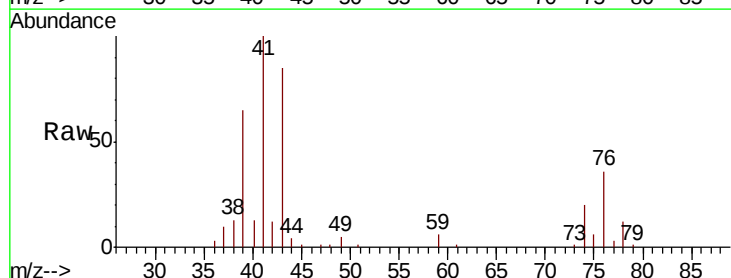
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

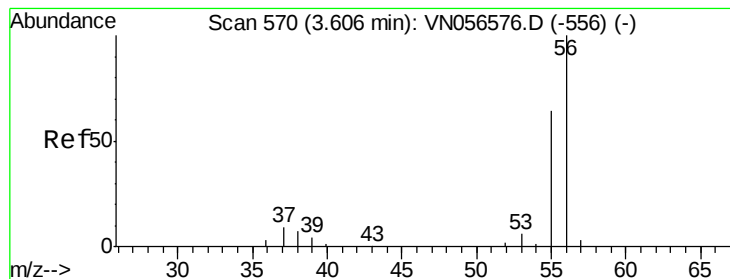
Tgt Ion:142 Resp: 71363
Ion Ratio Lower Upper
142 100
127 39.0 19.0 57.0
141 14.5 6.7 20.0



#12
Methyl Acetate
Concen: 21.604 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 43 Resp: 67892
Ion Ratio Lower Upper
43 100
74 23.9 19.9 29.9





#13

Acrolein

Concen: 226.544 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

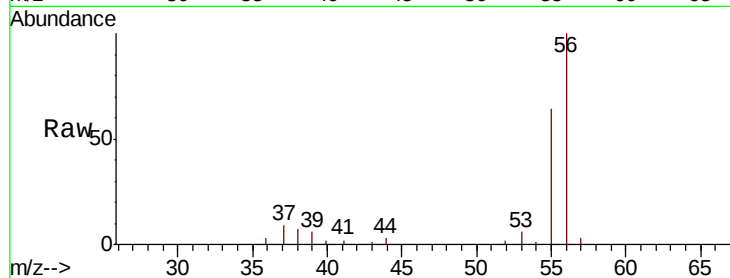
VSTDICCC020

Tgt Ion: 56 Resp: 34700

Ion Ratio Lower Upper

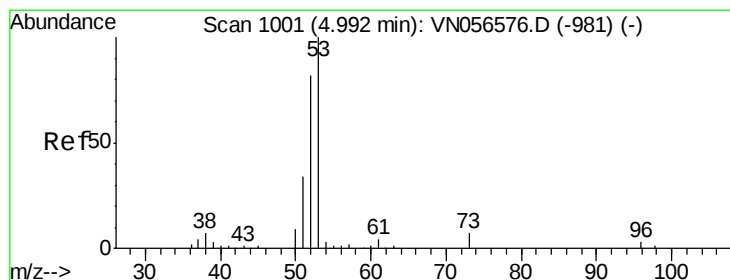
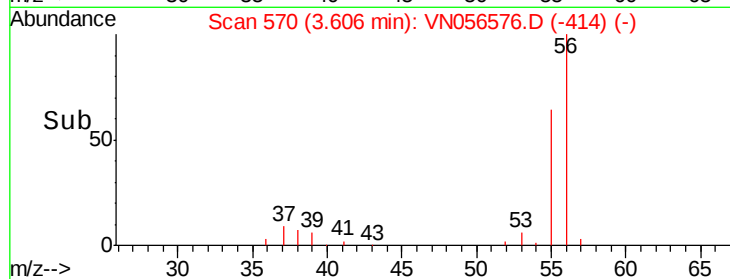
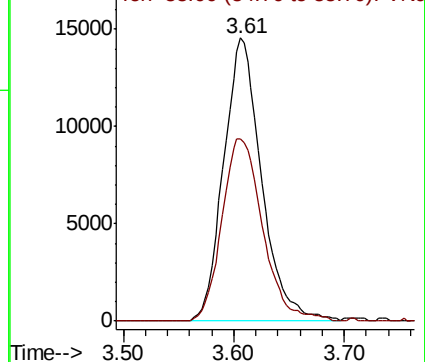
56 100

55 68.4 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 111.850 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

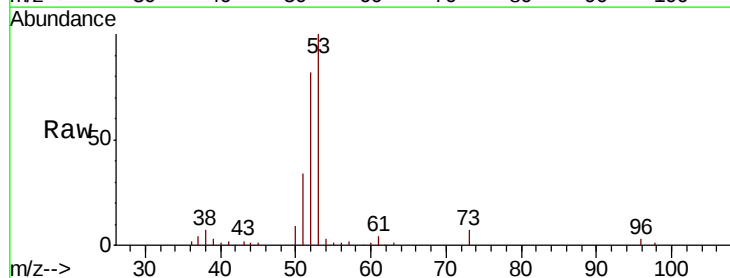
Tgt Ion: 53 Resp: 156750

Ion Ratio Lower Upper

53 100

52 81.9 40.8 122.2

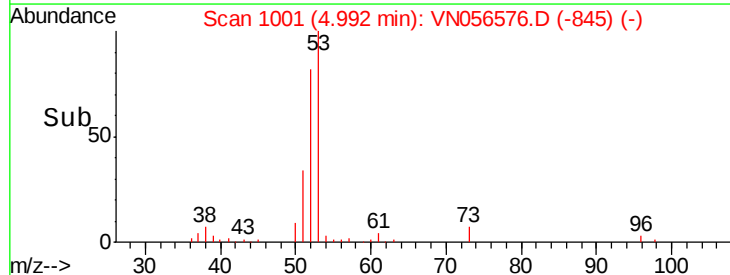
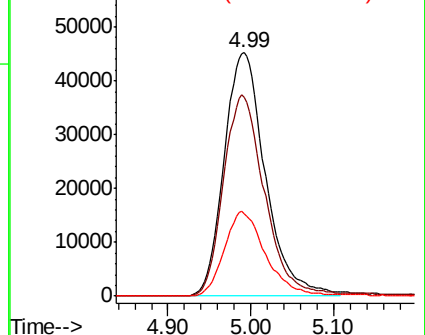
51 34.4 17.3 52.0

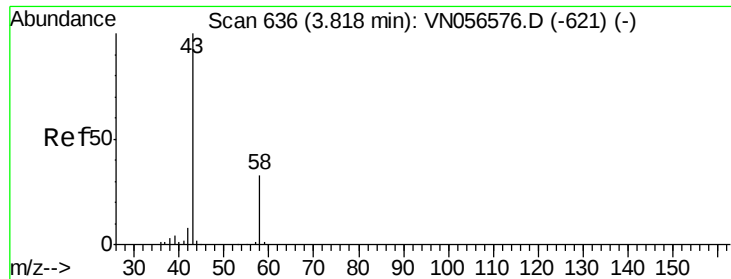


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 98.666 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

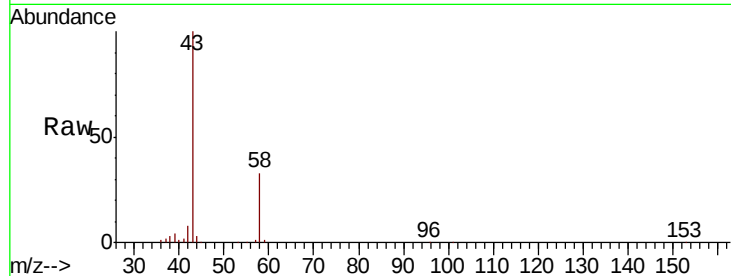
VSTDICCC020

Tgt Ion: 58 Resp: 45275

Ion Ratio Lower Upper

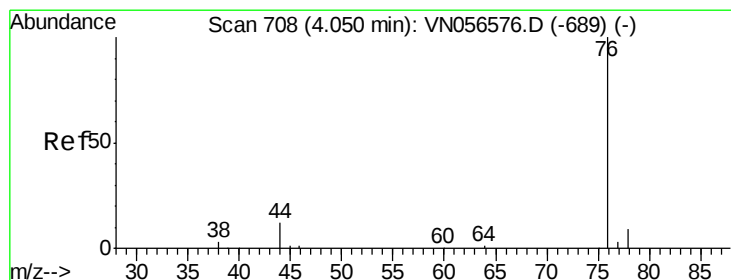
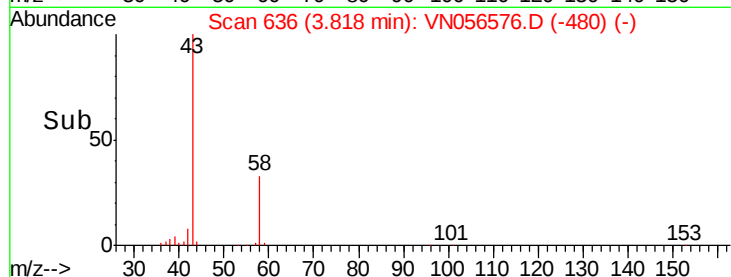
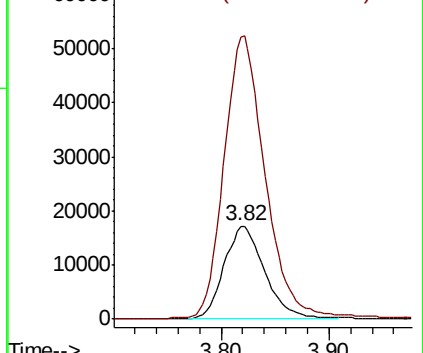
58 100

43 301.1 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN056576.D (-621) (-)

Ion 43.00 (42.70 to 43.70): VN056576.D (-621) (-)



#16

Carbon Disulfide

Concen: 19.462 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056576.D

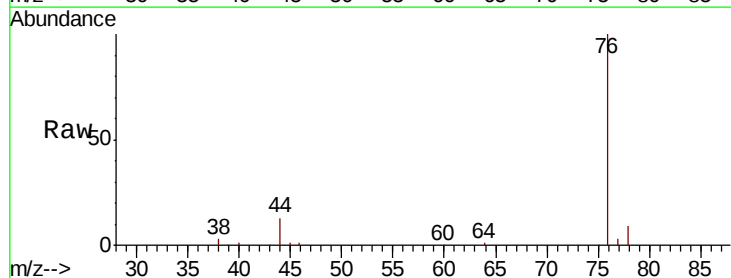
Acq: 3 Jul 2019 9:33

Tgt Ion: 76 Resp: 121104

Ion Ratio Lower Upper

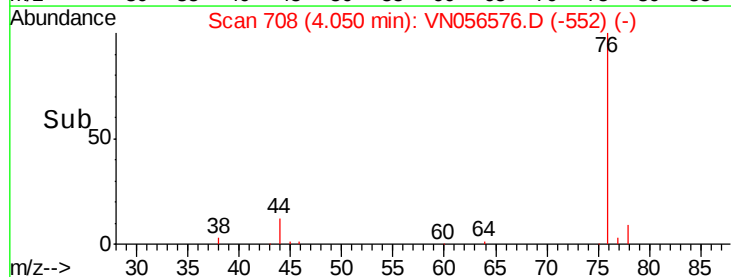
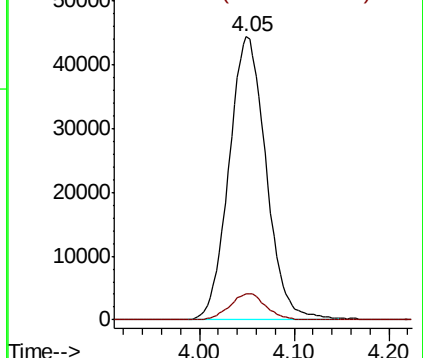
76 100

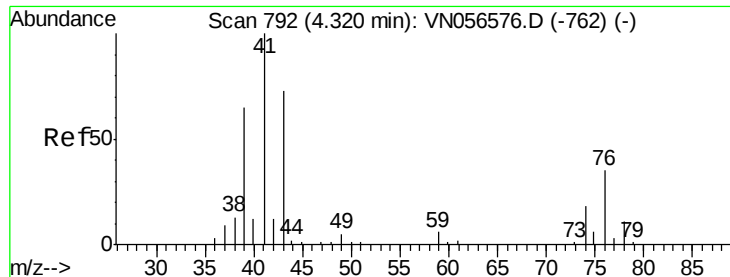
78 9.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN056576.D (-689) (-)

Ion 78.00 (77.70 to 78.70): VN056576.D (-689) (-)

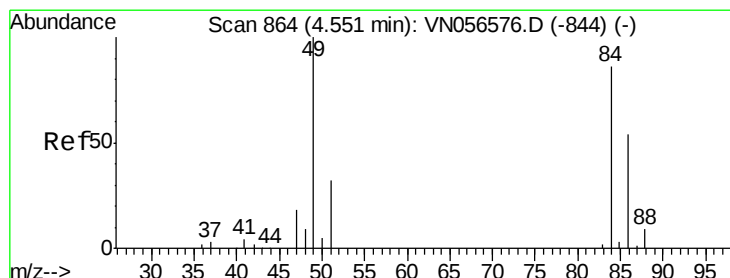
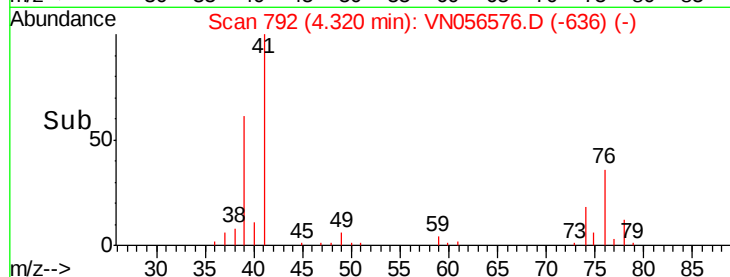
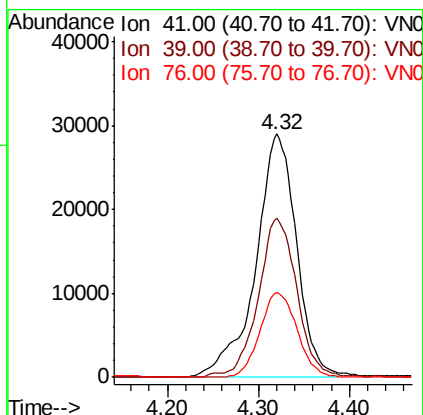
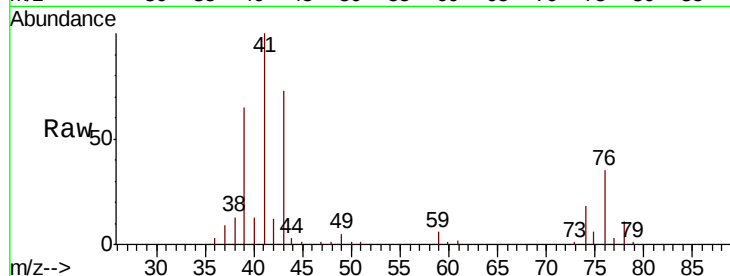




#17
 Allyl chloride
 Concen: 22.291 ug/l
 RT: 4.32 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

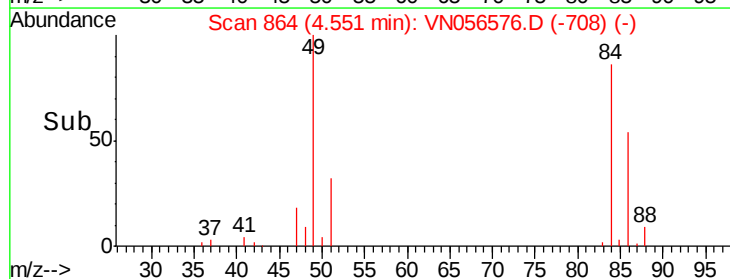
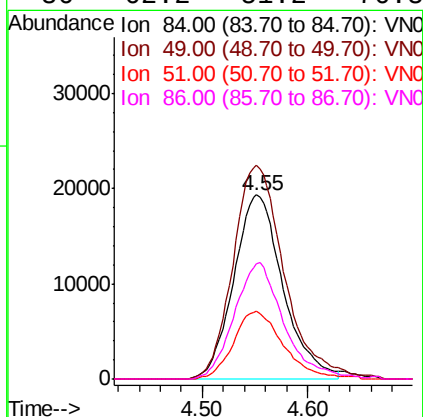
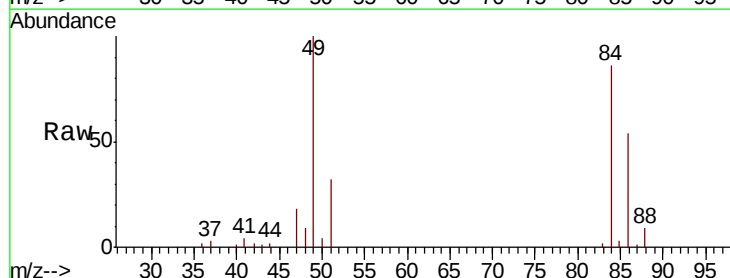
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

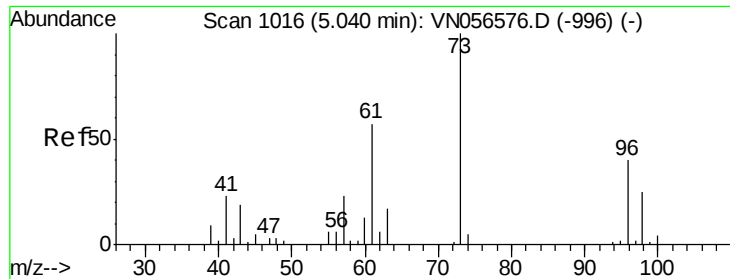
Tgt Ion: 41 Resp: 90320
 Ion Ratio Lower Upper
 41 100
 39 65.3 33.0 99.0
 76 34.8 18.9 56.9



#18
 Methylene Chloride
 Concen: 20.722 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 84 Resp: 62738
 Ion Ratio Lower Upper
 84 100
 49 116.0 87.6 131.4
 51 36.6 27.0 40.4
 86 62.2 51.2 76.8

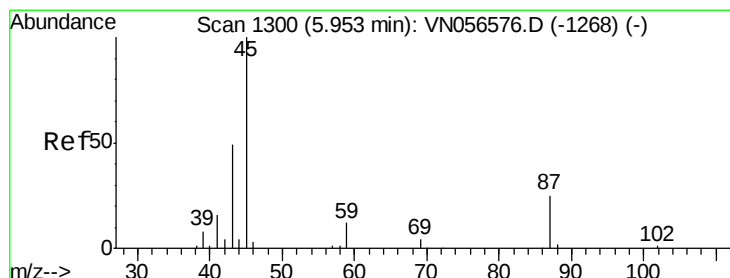
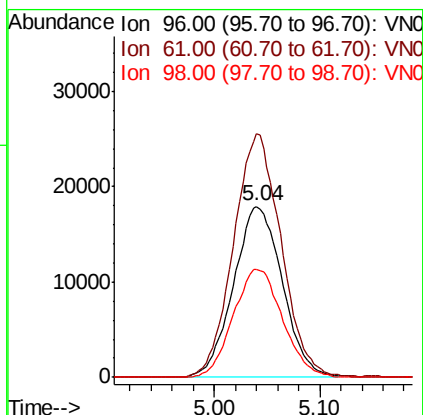
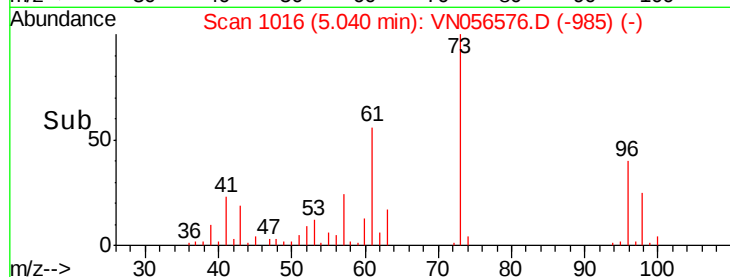
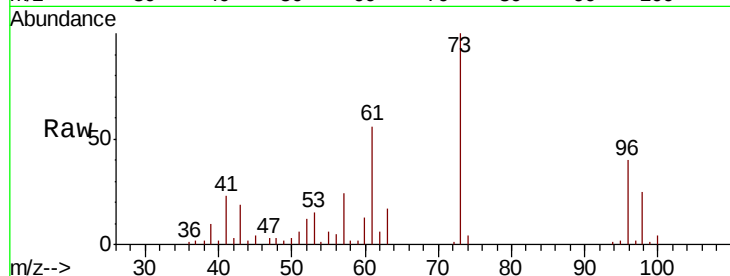




#19
trans-1,2-Dichloroethene
Concen: 20.636 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

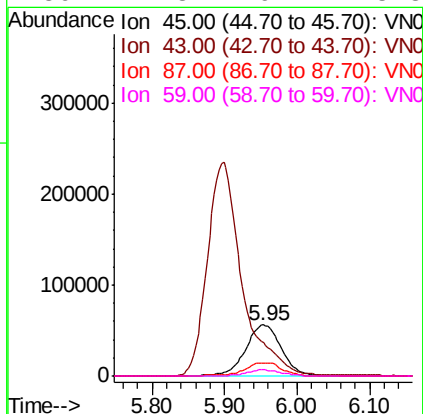
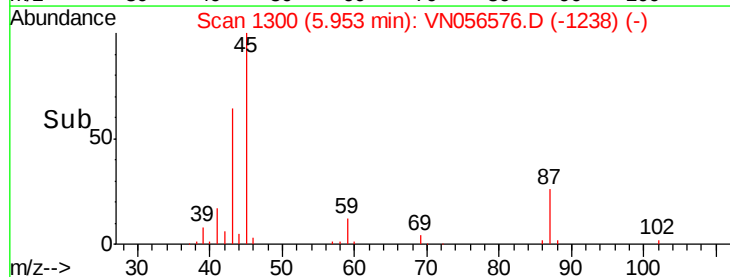
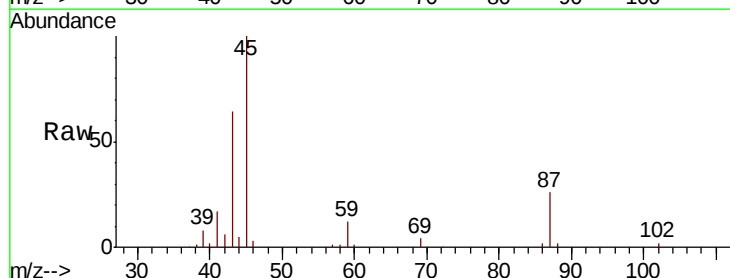
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

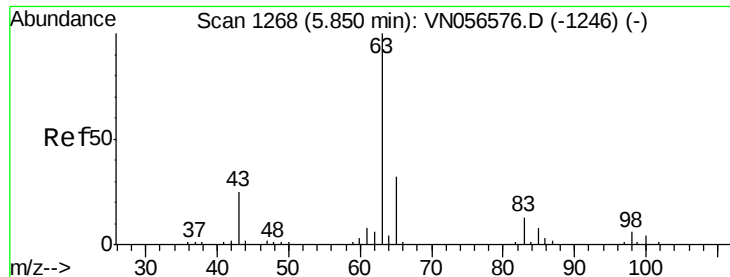
Tgt Ion: 96 Resp: 57605
Ion Ratio Lower Upper
96 100
61 141.3 102.5 153.7
98 62.8 46.9 70.3



#20
Diisopropyl ether
Concen: 23.028 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 45 Resp: 193319
Ion Ratio Lower Upper
45 100
43 62.8 48.0 72.0
87 26.2 23.4 35.2
59 11.8 9.2 13.8

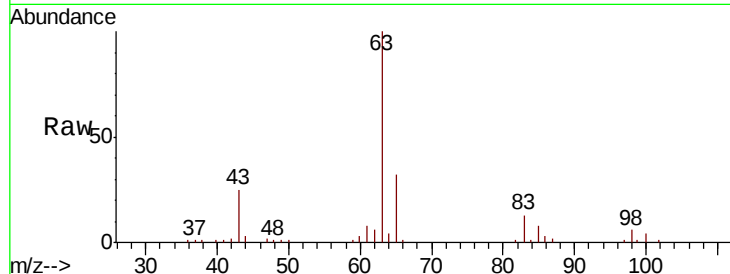




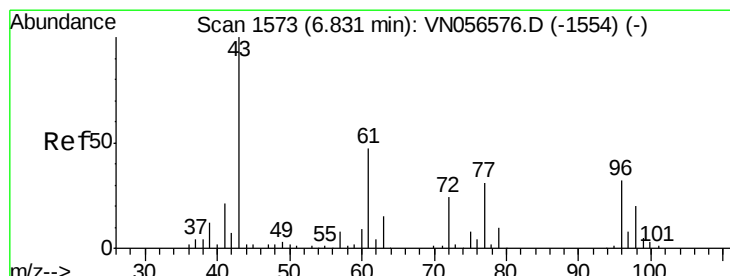
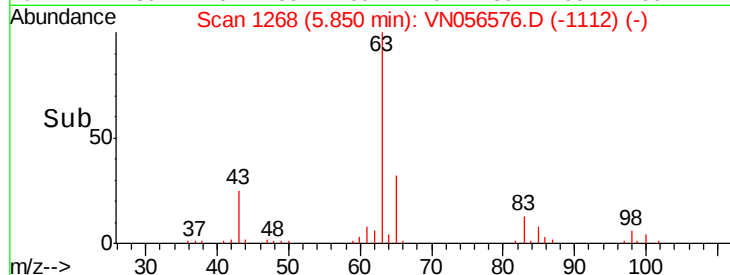
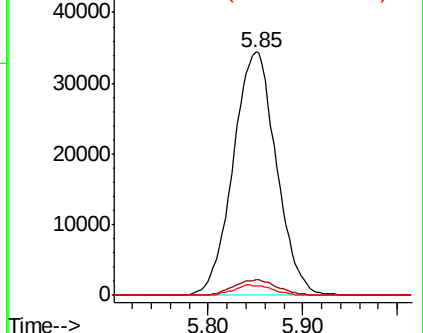
#21
 1,1-Dichloroethane
 Concen: 22.369 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 63 Resp: 109134
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 3.7 2.3 6.9

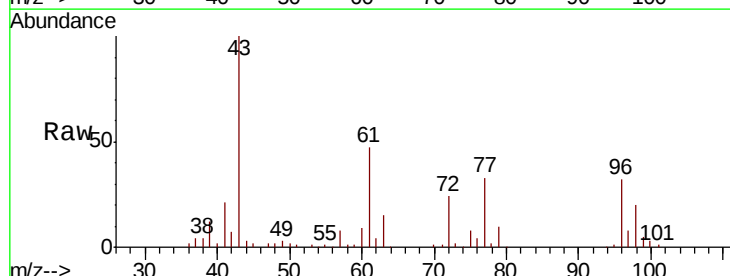


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

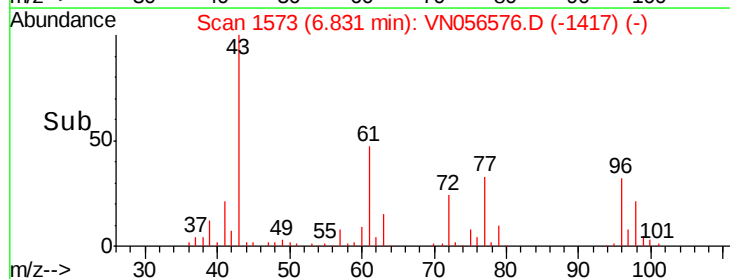
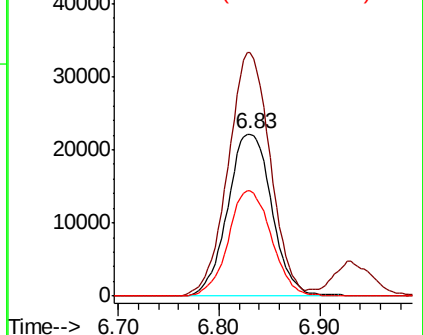


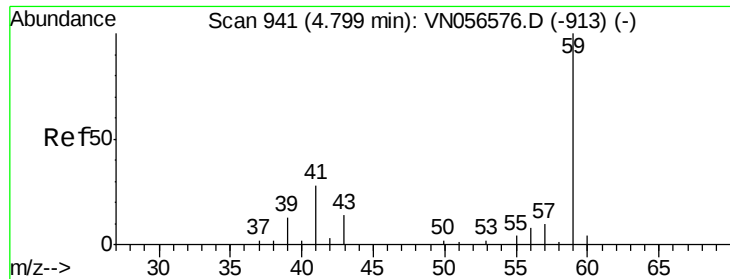
#22
 cis-1,2-Dichloroethene
 Concen: 20.653 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 96 Resp: 67290
 Ion Ratio Lower Upper
 96 100
 61 143.1 105.7 158.5
 98 63.5 52.0 78.0



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

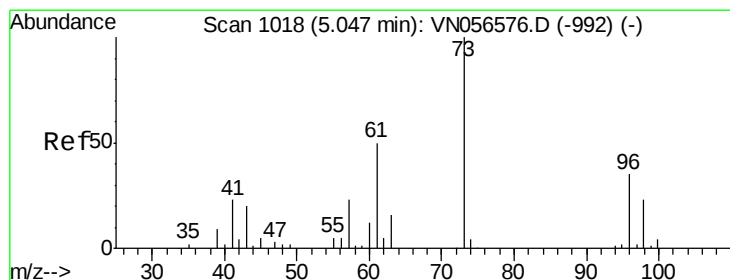
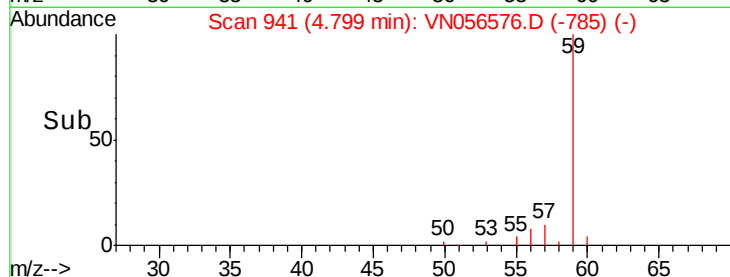
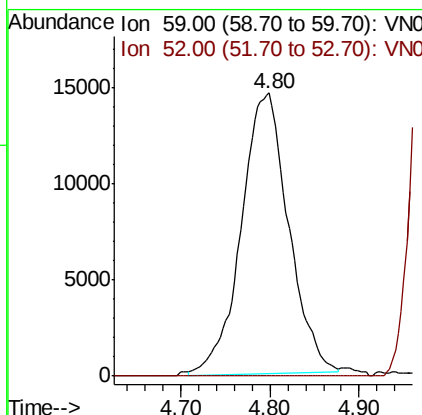
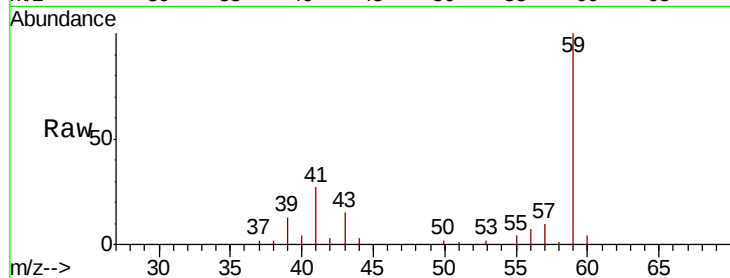




#23
 tert-Butyl Alcohol
 Concen: 98.517 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

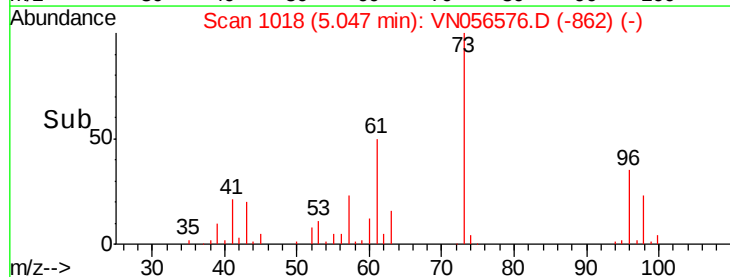
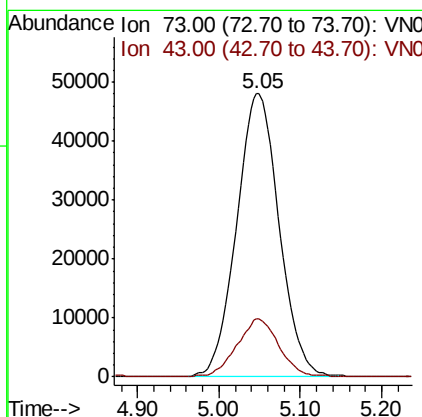
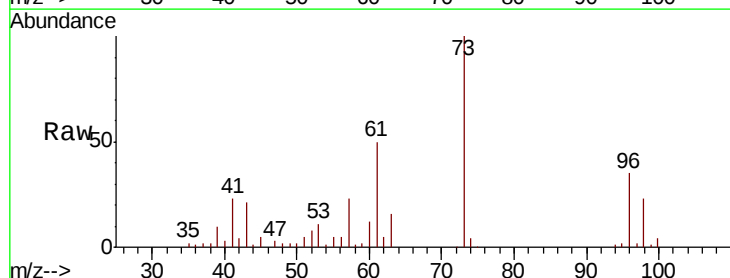
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

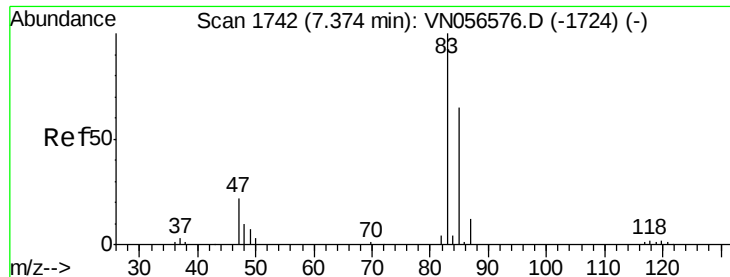
Tgt Ion: 59 Resp: 53740
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 20.769 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 73 Resp: 173094
 Ion Ratio Lower Upper
 73 100
 43 20.2 15.4 23.0

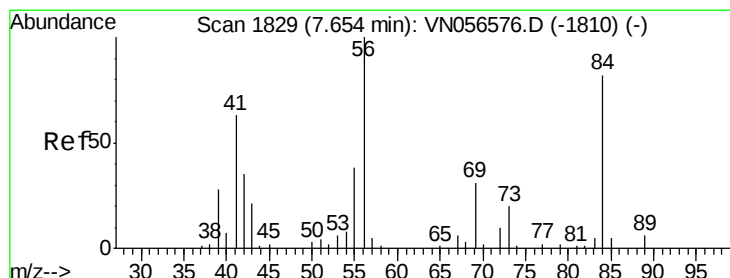
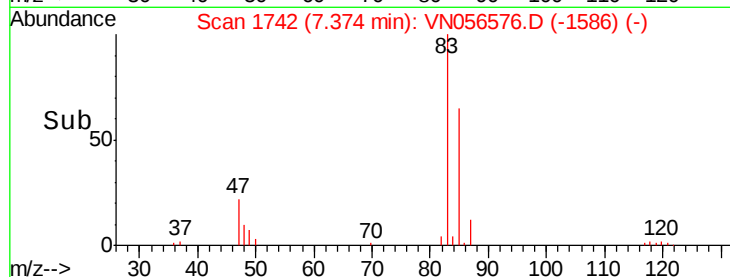
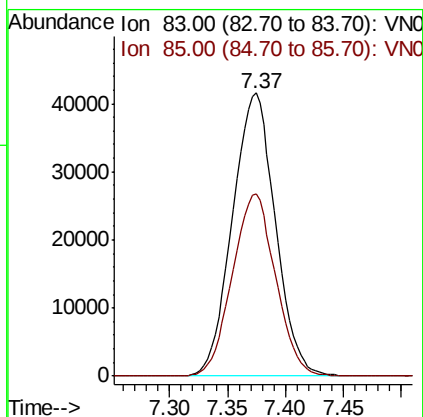
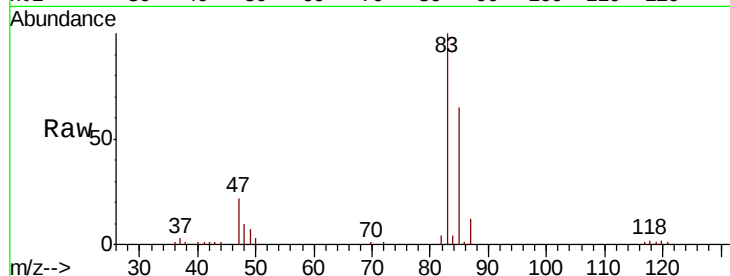




#25
Chloroform
Concen: 21.967 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

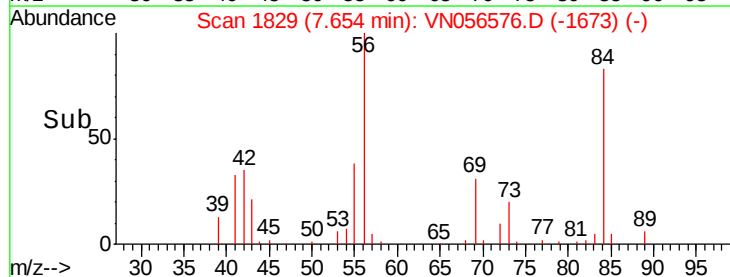
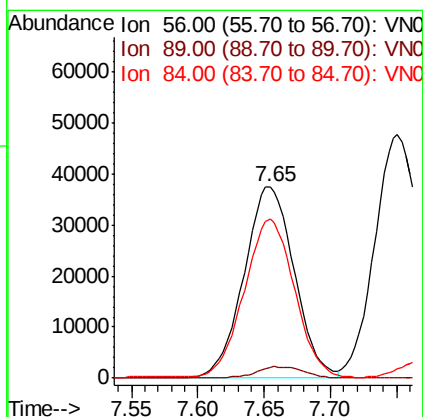
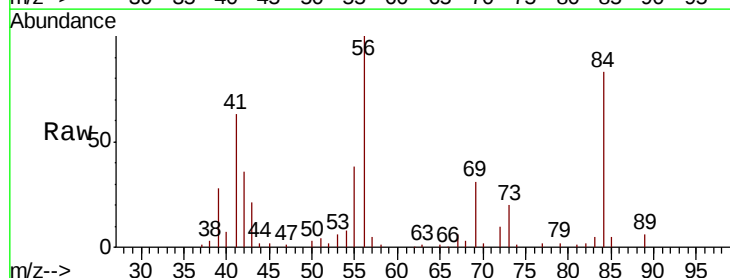
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

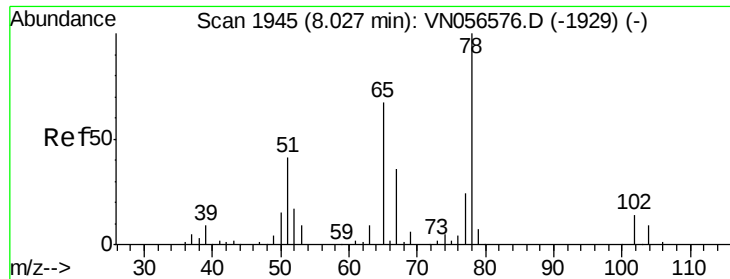
Tgt Ion: 83 Resp: 107019
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0



#26
Cyclohexane
Concen: 21.937 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 56 Resp: 99292
Ion Ratio Lower Upper
56 100
89 5.6 0.0 0.0#
84 83.2 70.1 105.1

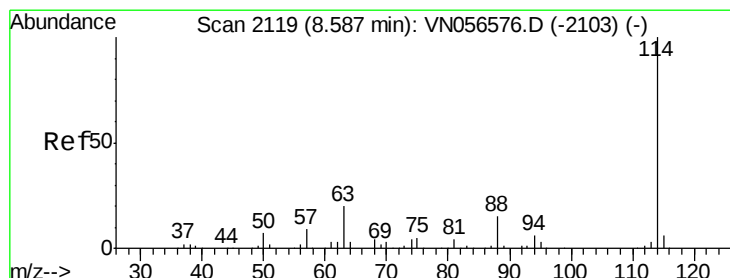
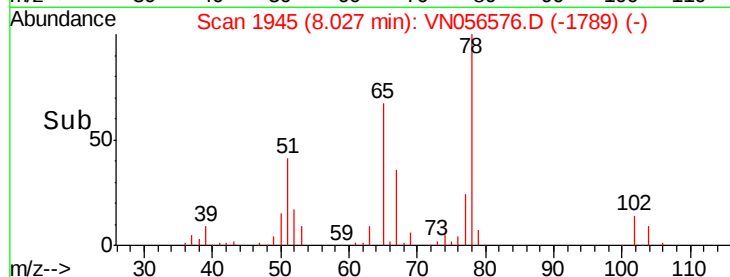
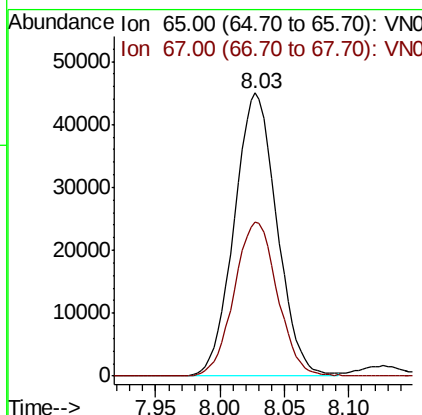
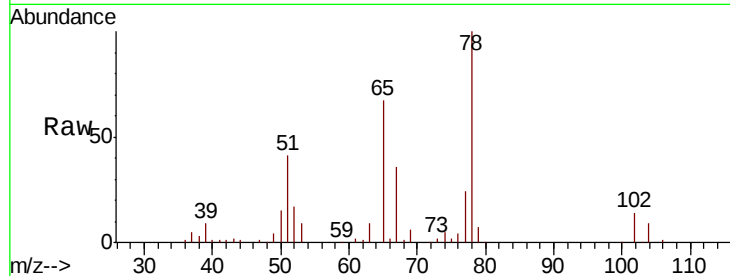




#27
 1,2-Dichloroethane-d4
 Concen: 33.388 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

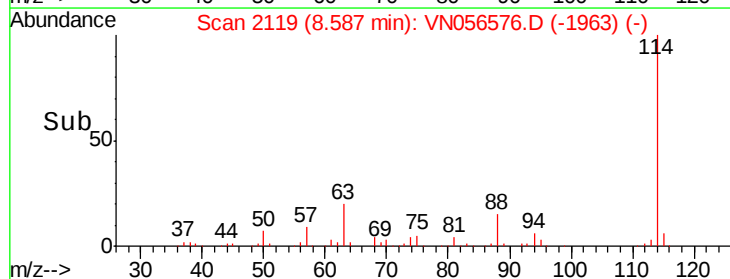
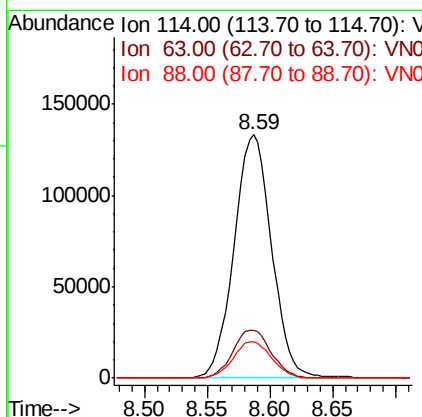
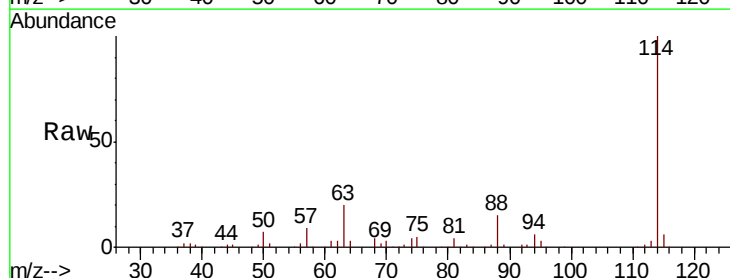
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

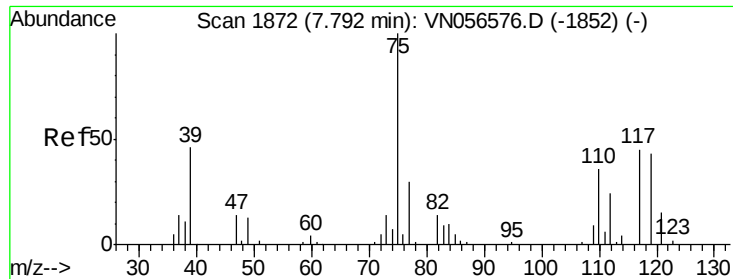
Tgt Ion: 65 Resp: 103875
 Ion Ratio Lower Upper
 65 100
 67 54.8 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 114 Resp: 277646
 Ion Ratio Lower Upper
 114 100
 63 20.2 14.7 22.1
 88 15.3 11.9 17.9

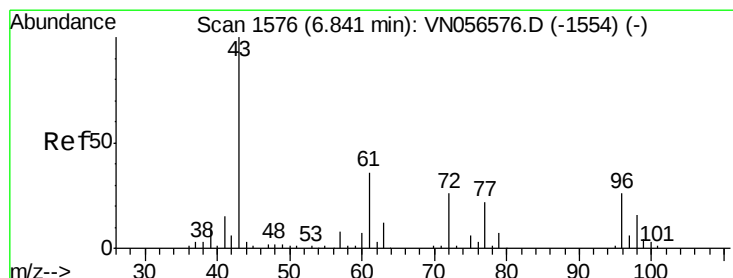
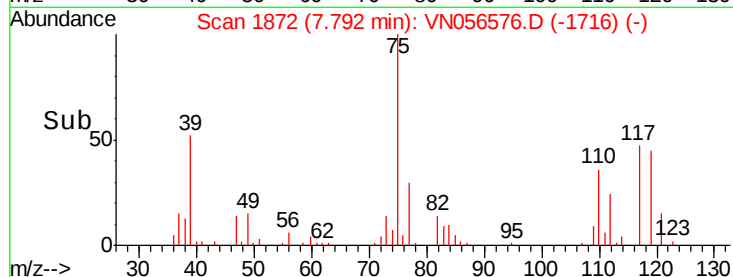
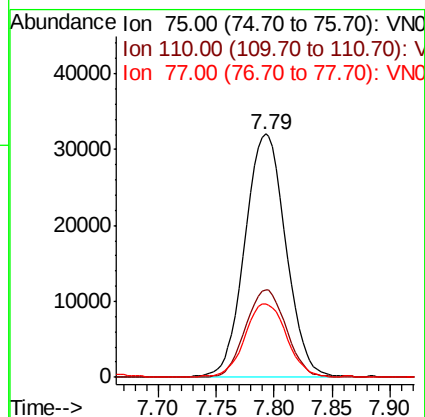
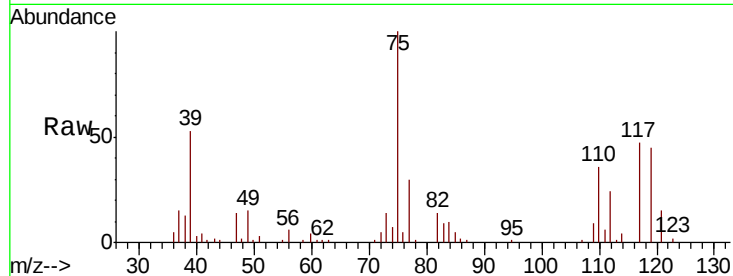




#29
 1,1-Dichloropropene
 Concen: 21.042 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

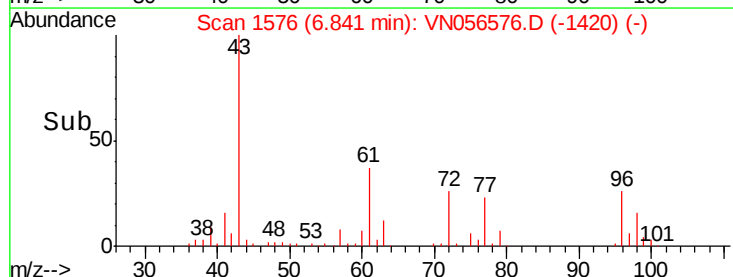
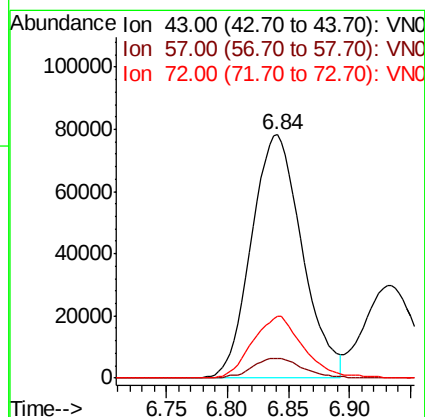
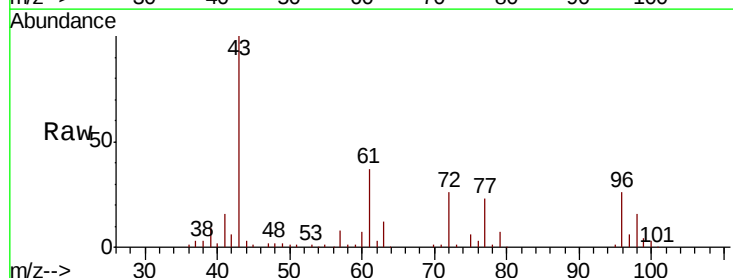
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

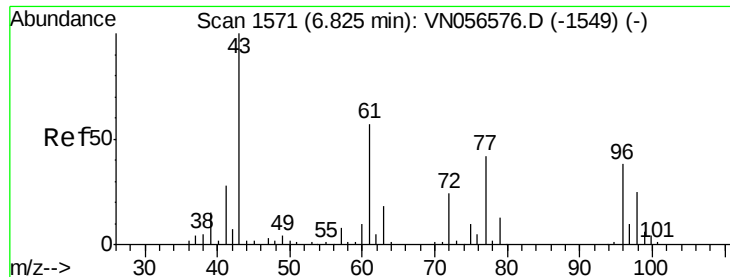
Tgt Ion: 75 Resp: 79026
 Ion Ratio Lower Upper
 75 100
 110 35.7 0.0 77.0
 77 30.9 0.0 62.4



#30
 2-Butanone
 Concen: 113.508 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 43 Resp: 224423
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.7 10.1
 72 25.2 22.4 33.6

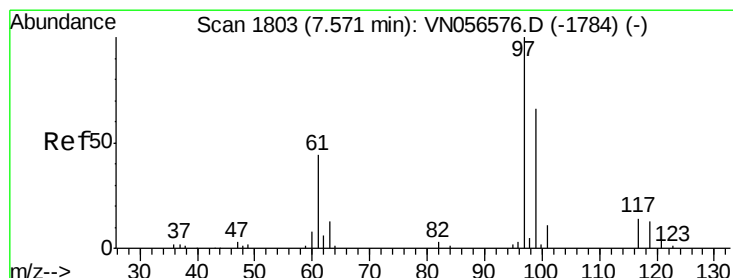
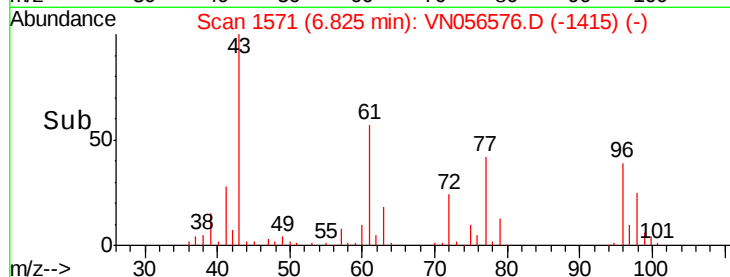
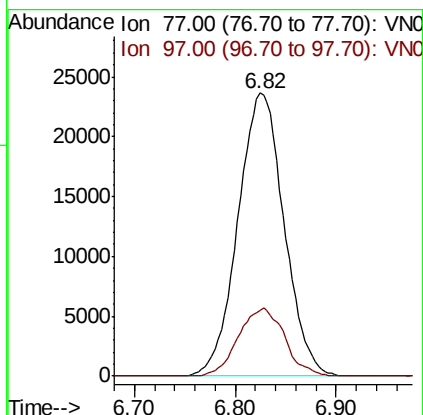
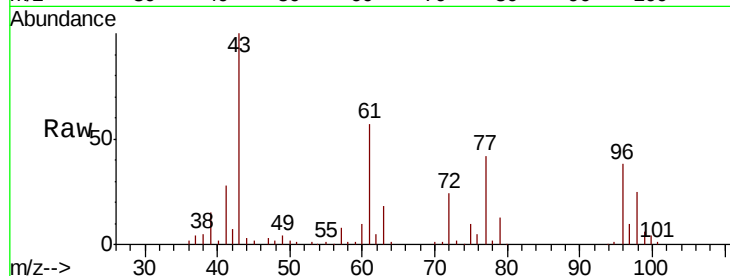




#31
 2,2-Dichloropropane
 Concen: 21.443 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

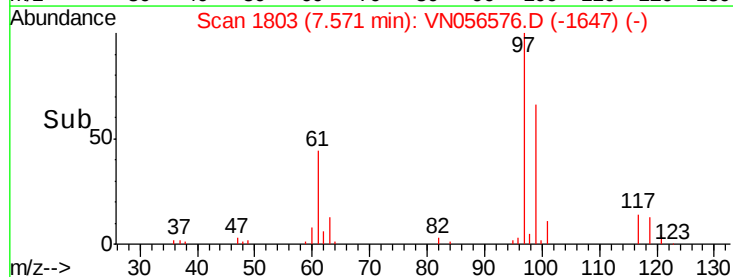
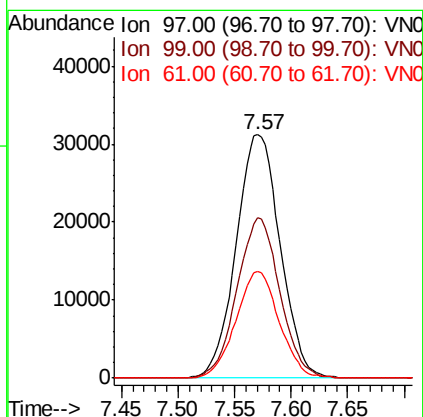
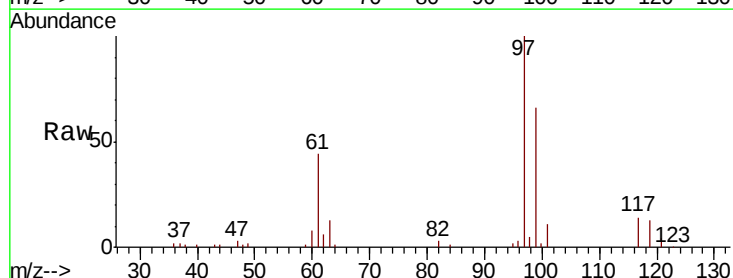
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

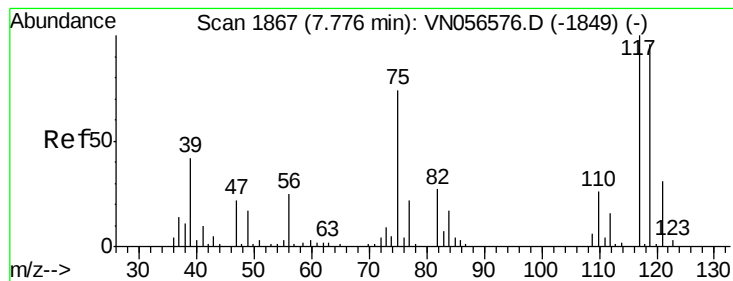
Tgt Ion: 77 Resp: 74918
 Ion Ratio Lower Upper
 77 100
 97 24.0 20.8 31.2



#32
 1,1,1-Trichloroethane
 Concen: 20.379 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 97 Resp: 84559
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.5 77.3
 61 43.0 32.9 49.3





#33

Carbon Tetrachloride

Concen: 19.917 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

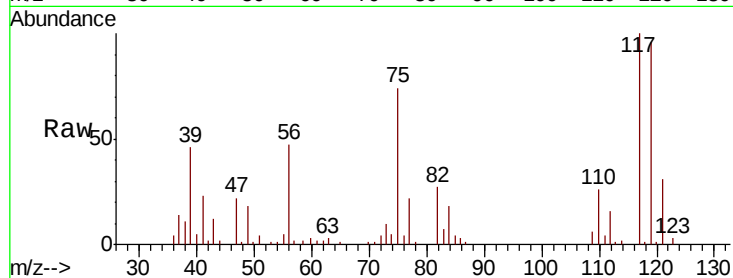
Tgt Ion: 117 Resp: 70017

Ion Ratio Lower Upper

117 100

119 95.7 77.3 115.9

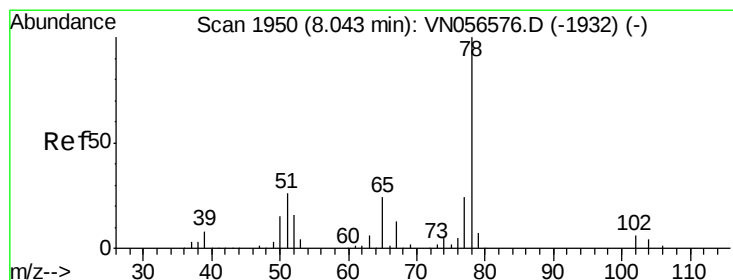
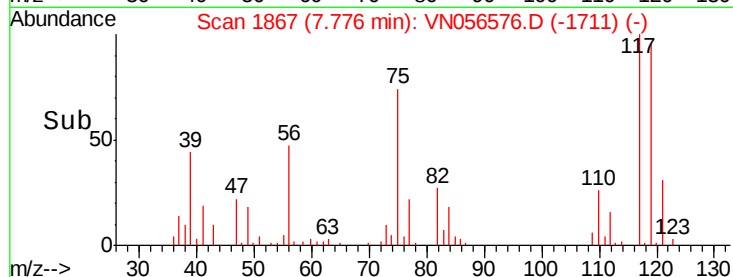
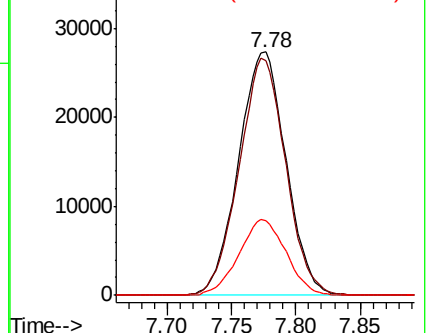
121 30.8 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.780 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

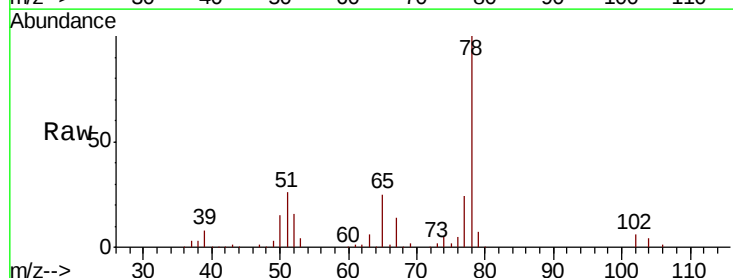
Tgt Ion: 78 Resp: 248663

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

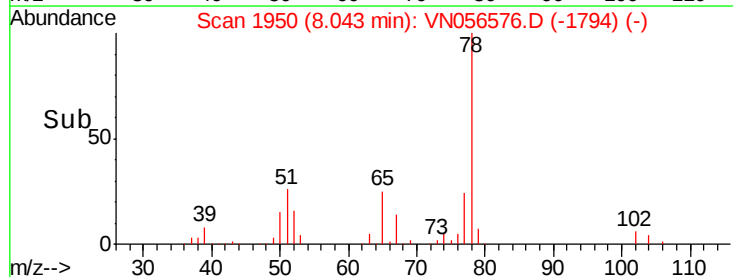
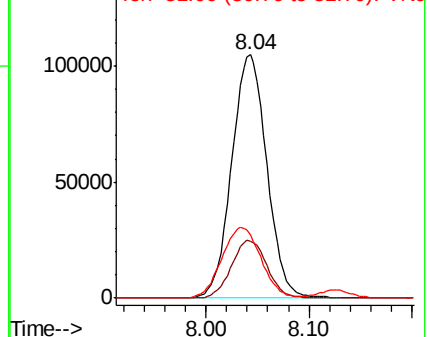
51 25.5 19.8 29.8

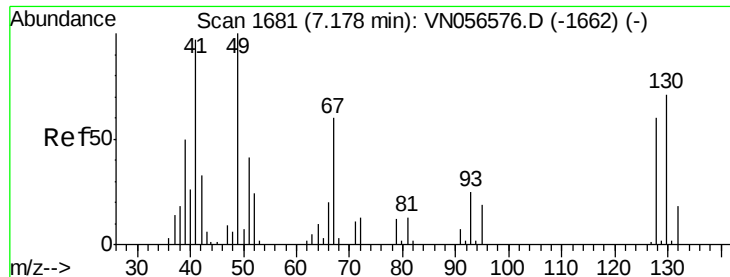


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

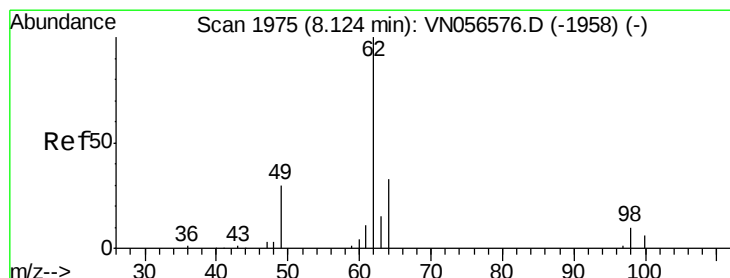
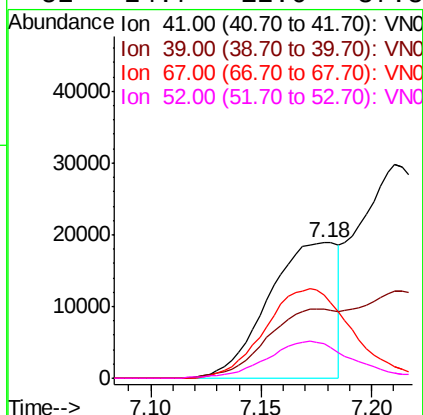
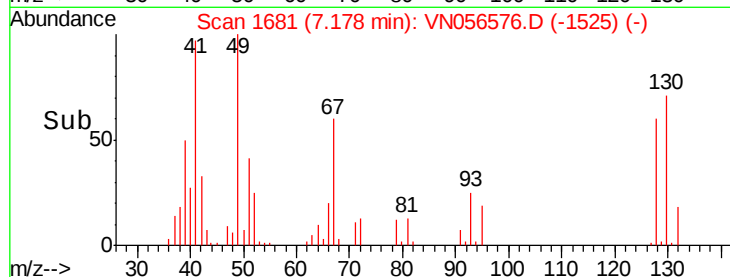
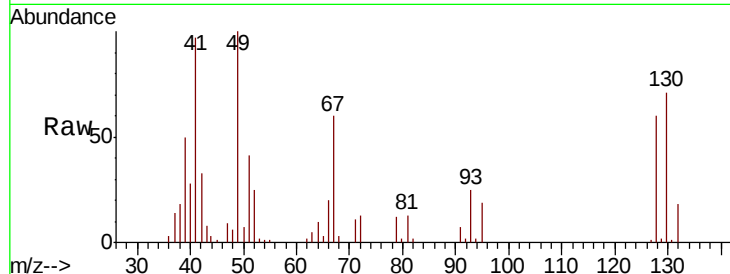




#35
Methacrylonitrile
Concen: 24.741 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

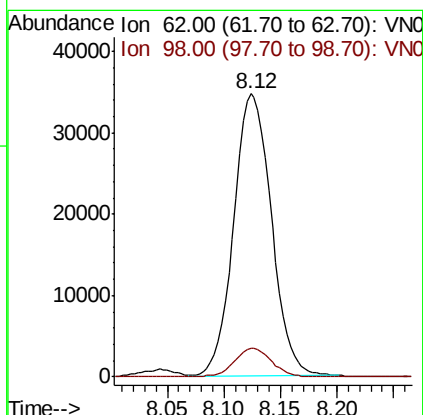
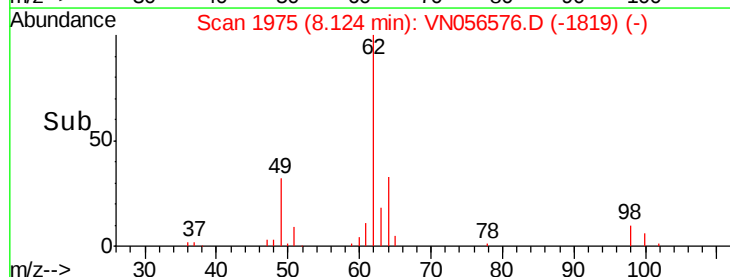
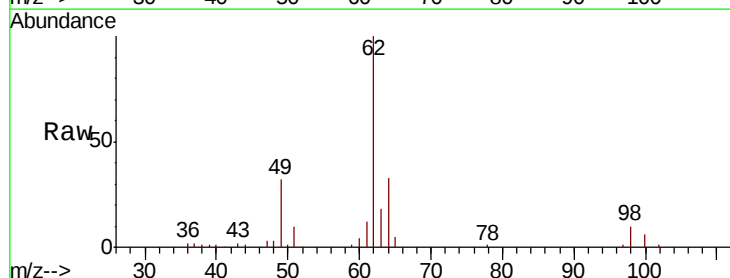
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

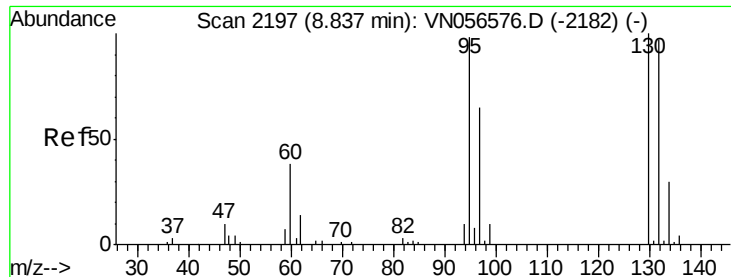
Tgt Ion:	41	Resp:	41307
Ion	Ratio	Lower	Upper
41	100		
39	51.0	24.8	74.3
67	61.9	34.3	102.9
52	24.7	12.6	37.8



#36
1,2-Dichloroethane
Concen: 21.537 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion:	62	Resp:	80724
Ion	Ratio	Lower	Upper
62	100		
98	9.9	8.6	13.0

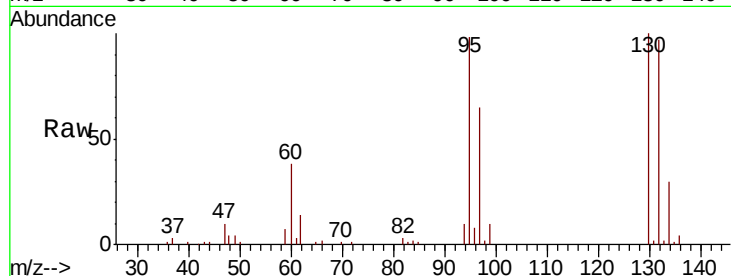




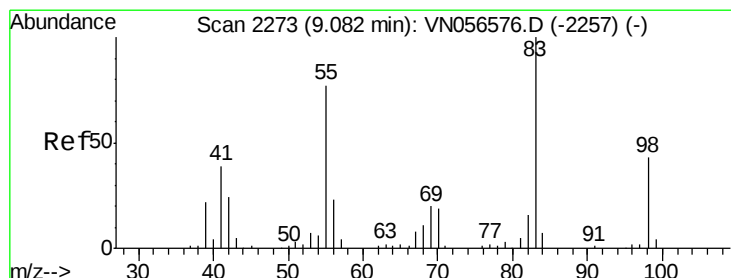
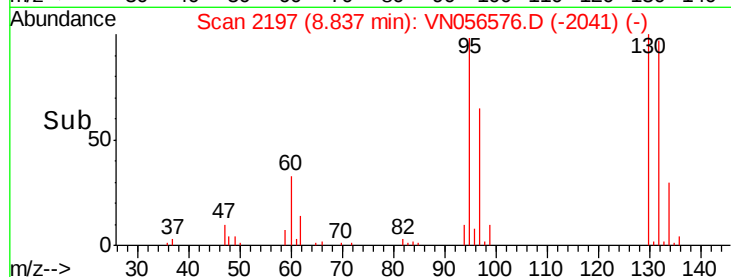
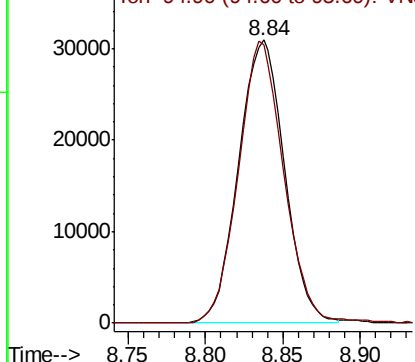
#37
 Trichloroethene
 Concen: 19.113 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 130 Resp: 63999
 Ion Ratio Lower Upper
 130 100
 95 98.5 73.0 109.6

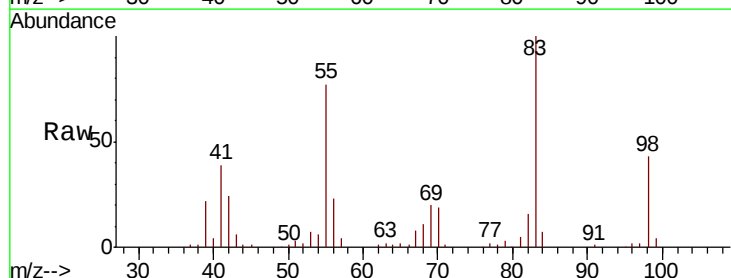


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

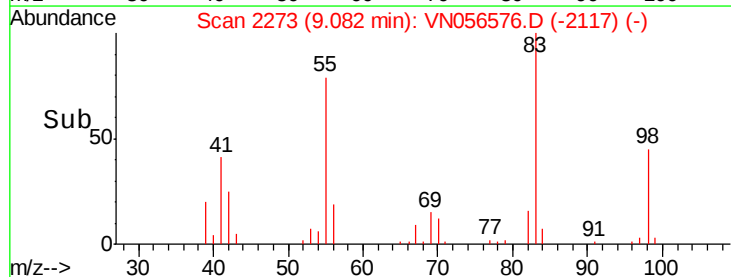
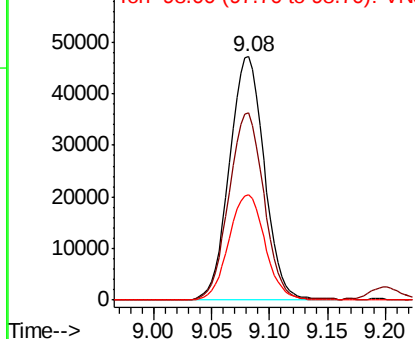


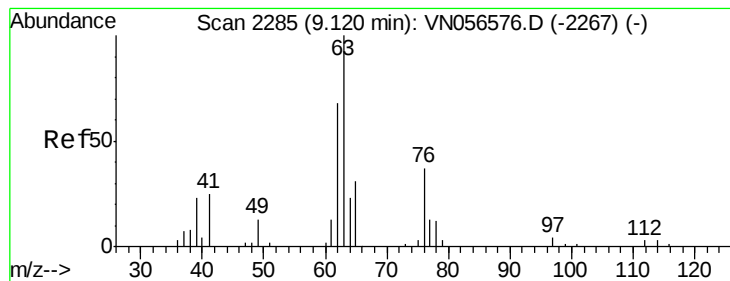
#38
 Methylcyclohexane
 Concen: 20.720 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 83 Resp: 98654
 Ion Ratio Lower Upper
 83 100
 55 76.8 37.5 112.7
 98 44.8 23.1 69.3



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: 22.007 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

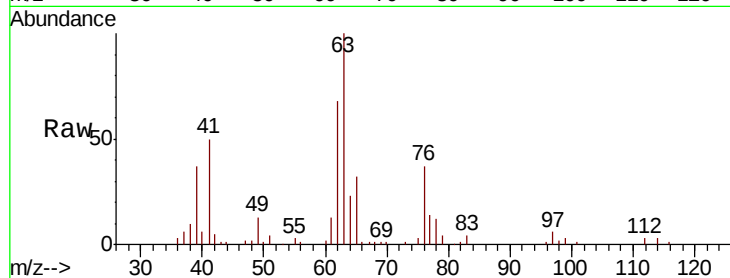
VSTDICCC020

Tgt Ion: 63 Resp: 67444

Ion Ratio Lower Upper

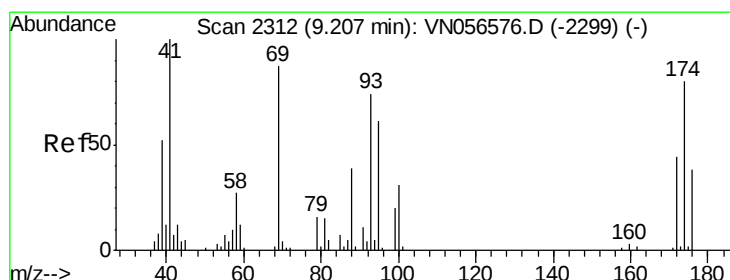
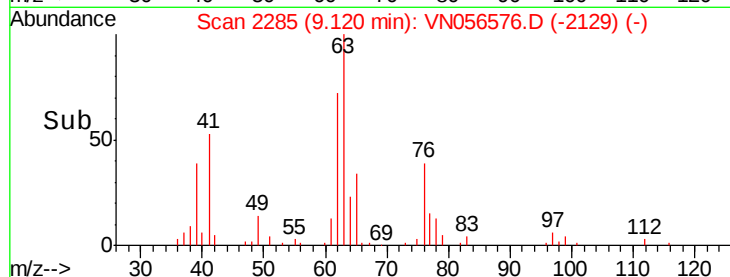
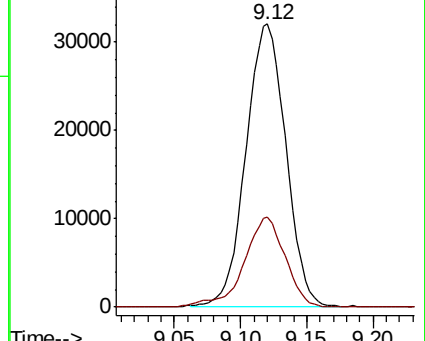
63 100

65 31.8 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 20.404 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

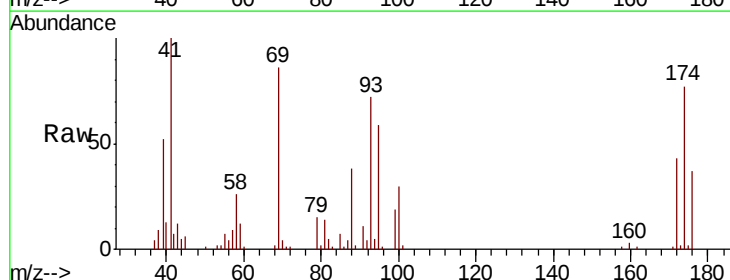
Tgt Ion: 93 Resp: 41461

Ion Ratio Lower Upper

93 100

95 83.0 0.0 169.0

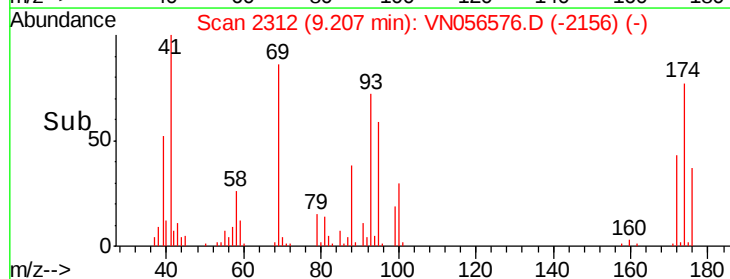
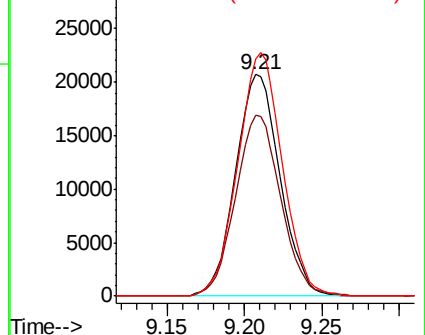
174 109.9 0.0 246.4

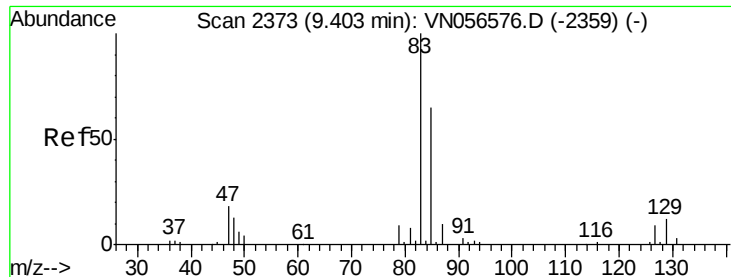


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.488 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

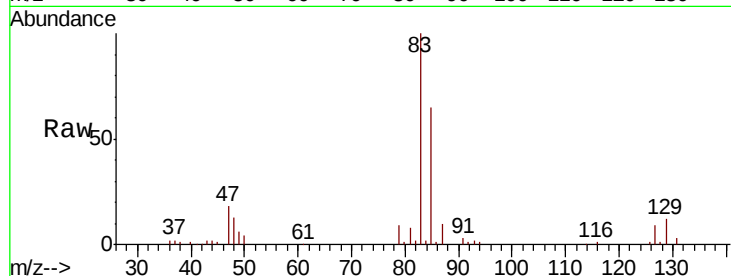
Tgt Ion: 83 Resp: 74550

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

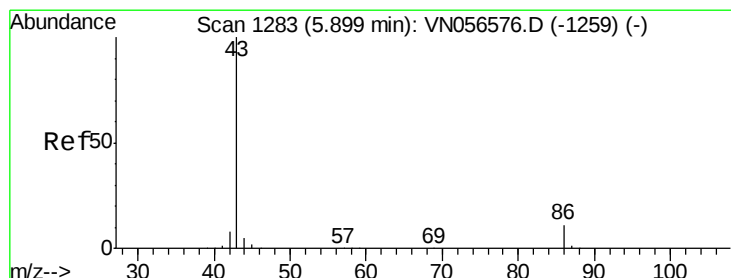
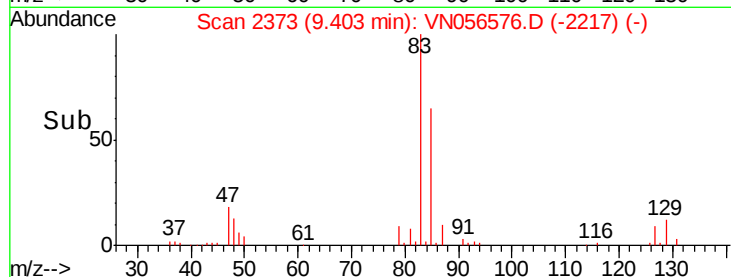
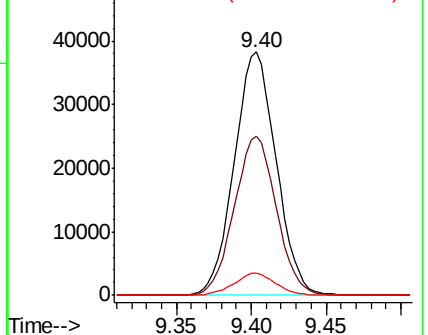
127 10.1 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 110.634 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN056576.D

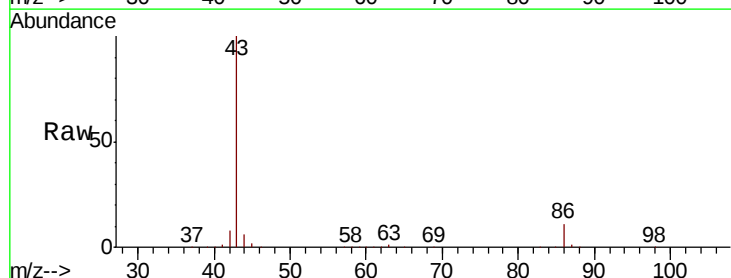
Acq: 3 Jul 2019 9:33

Tgt Ion: 43 Resp: 779843

Ion Ratio Lower Upper

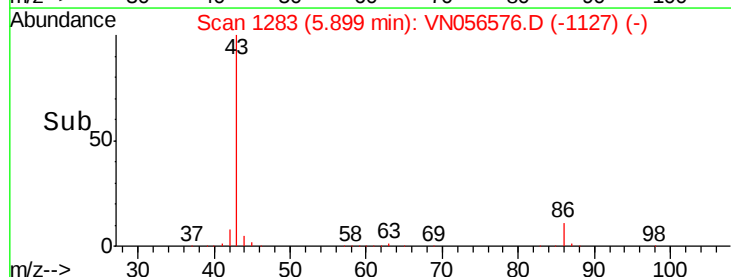
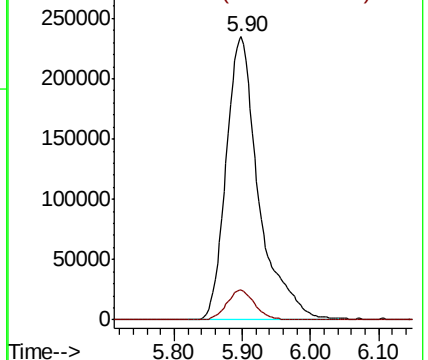
43 100

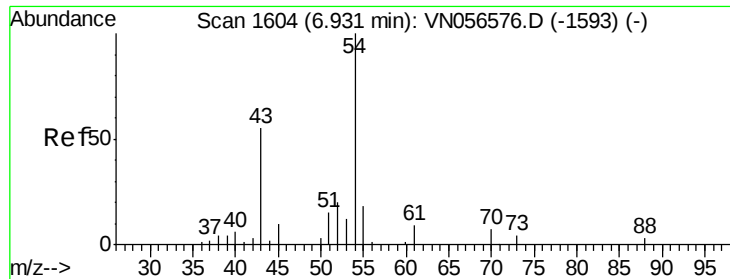
86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

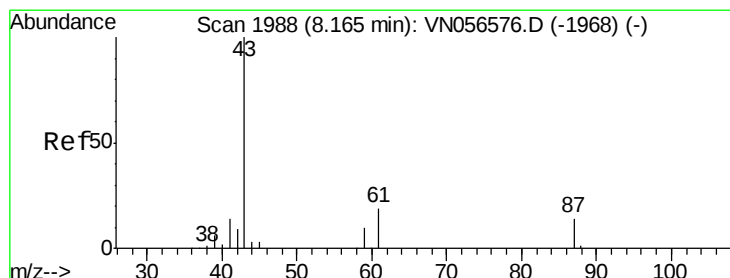
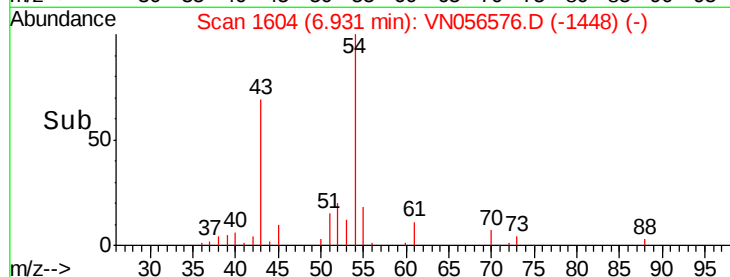
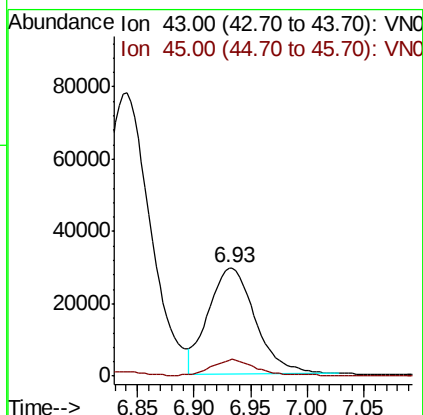
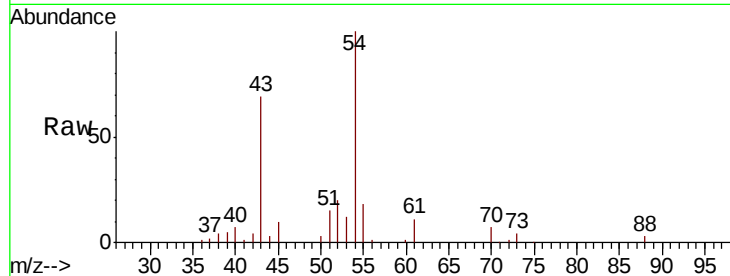




#43
Ethyl Acetate
Concen: 22.684 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

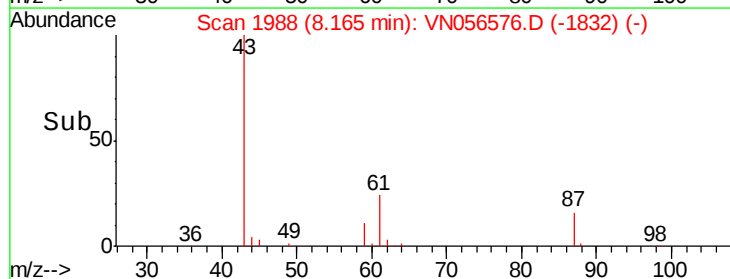
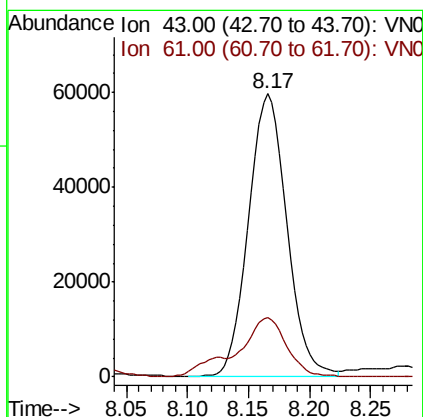
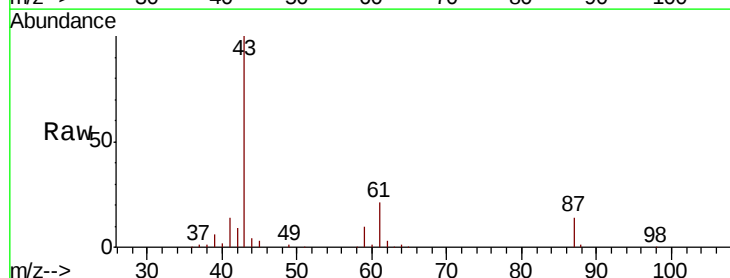
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

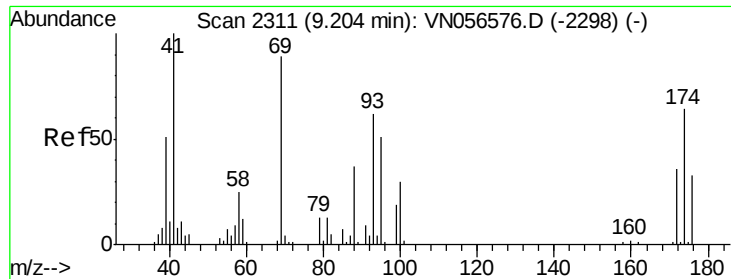
Tgt Ion: 43 Resp: 85834
Ion Ratio Lower Upper
43 100
45 13.4 12.3 18.5



#44
Isopropyl Acetate
Concen: 22.215 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 43 Resp: 130520
Ion Ratio Lower Upper
43 100
61 21.6 16.9 25.3

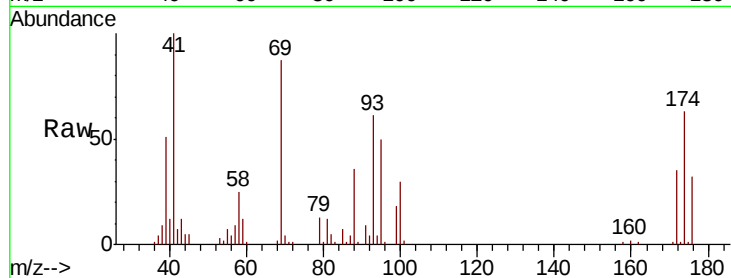




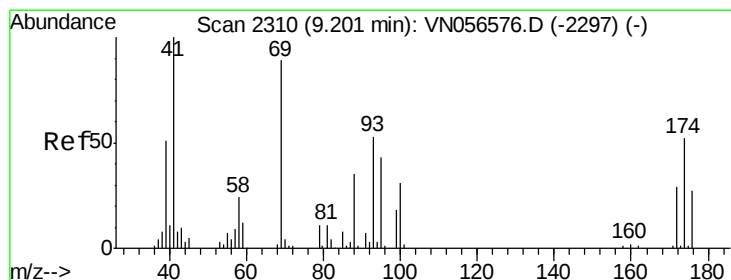
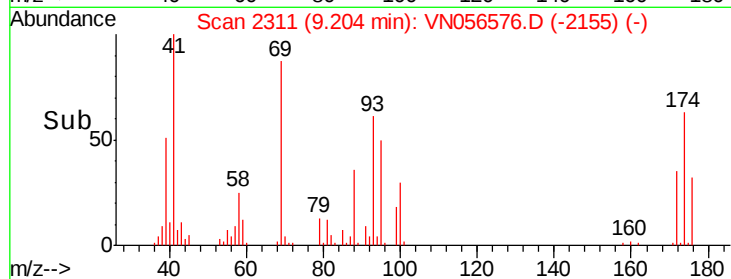
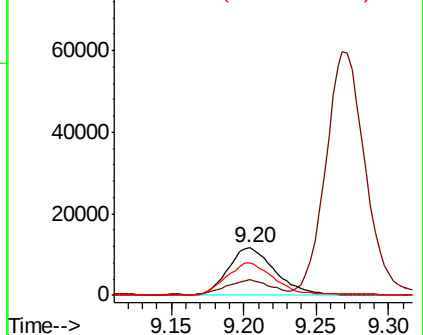
#45
 1,4-Dioxane
 Concen: 419.227 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 88 Resp: 26348
 Ion Ratio Lower Upper
 88 100
 43 29.0 19.8 29.6
 58 68.9 48.5 72.7

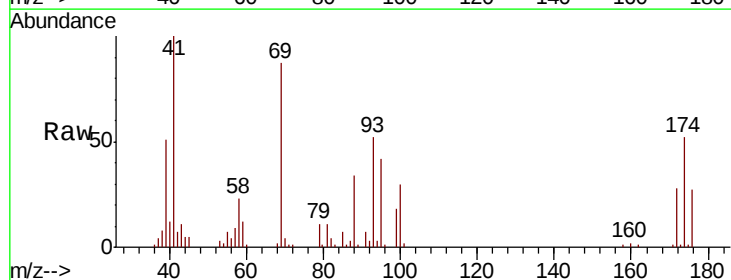


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

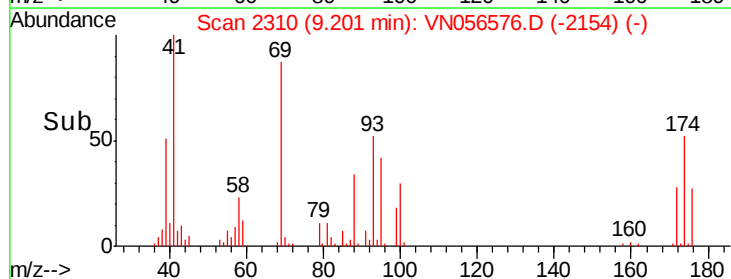
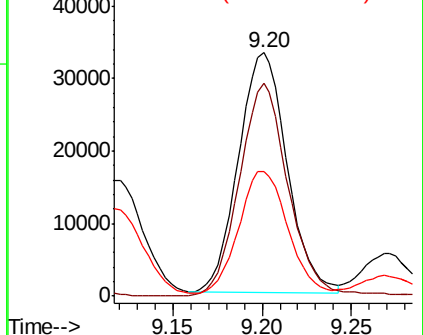


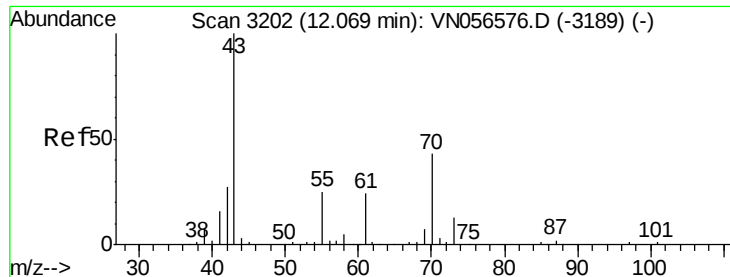
#46
 Methyl methacrylate
 Concen: 21.622 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 41 Resp: 63109
 Ion Ratio Lower Upper
 41 100
 69 88.7 46.0 137.8
 39 50.9 24.6 73.8



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

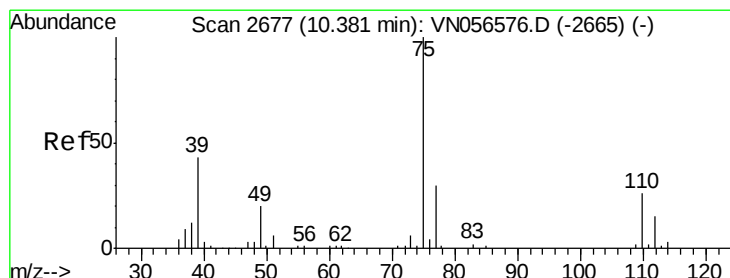
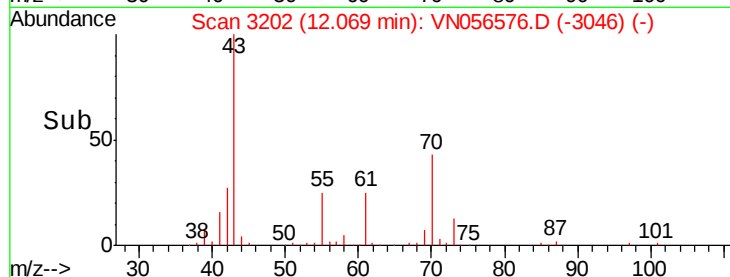
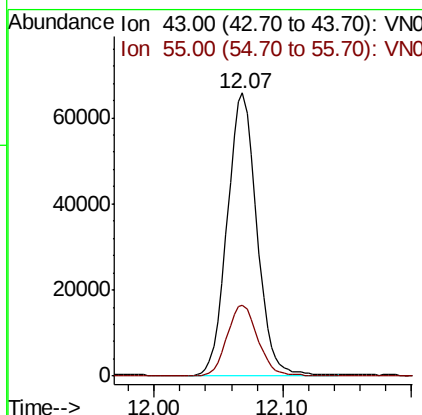
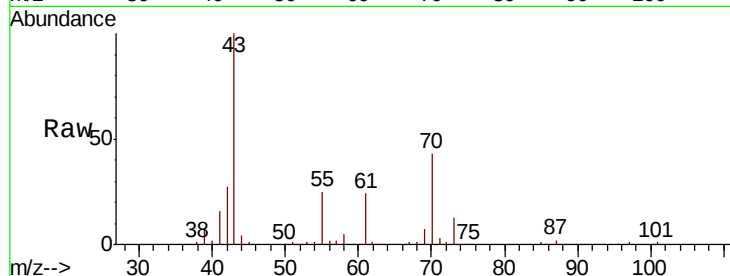




#47
n-amy1 Acetate
Concen: 21.674 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

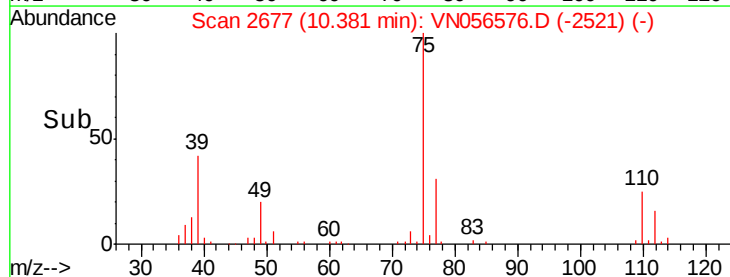
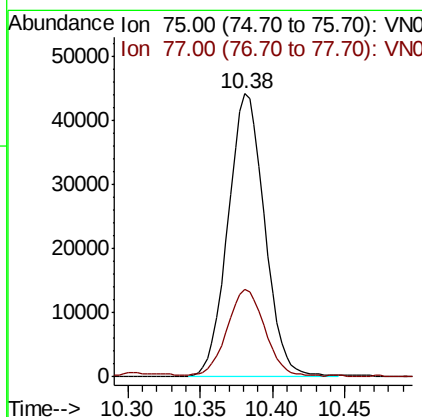
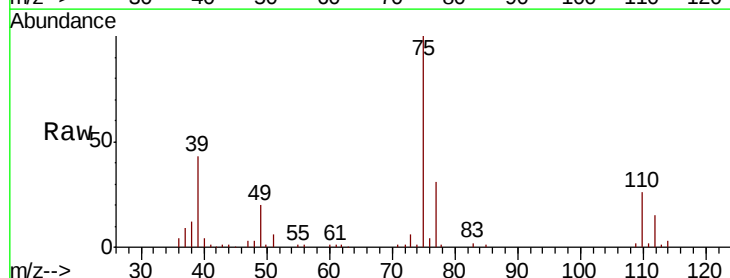
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

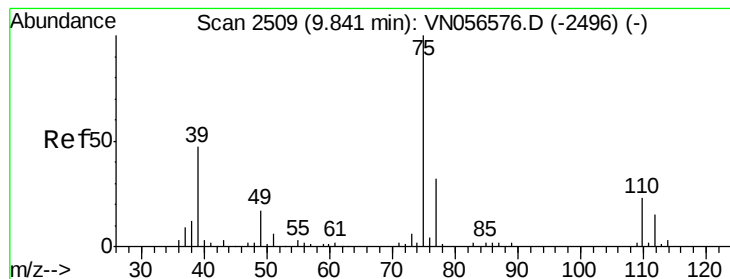
Tgt Ion: 43 Resp: 105308
Ion Ratio Lower Upper
43 100
55 26.0 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 20.242 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 75 Resp: 77512
Ion Ratio Lower Upper
75 100
77 30.2 26.0 39.0



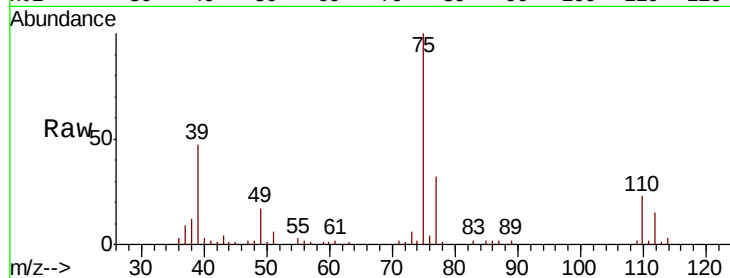


#49

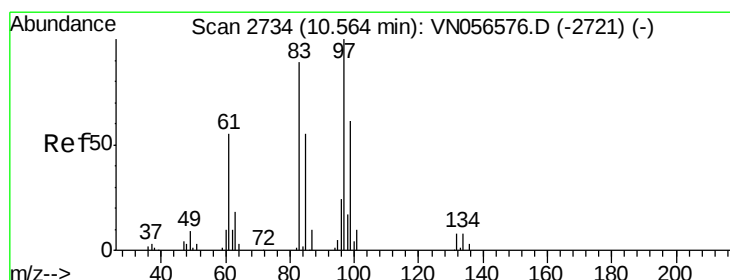
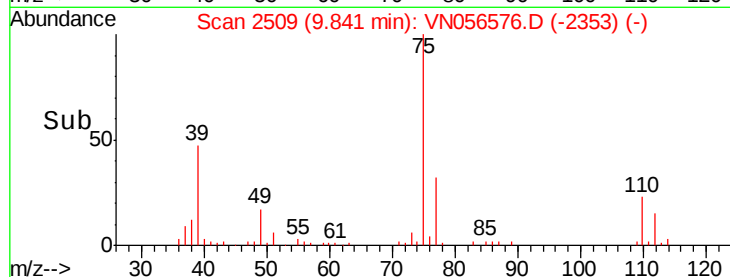
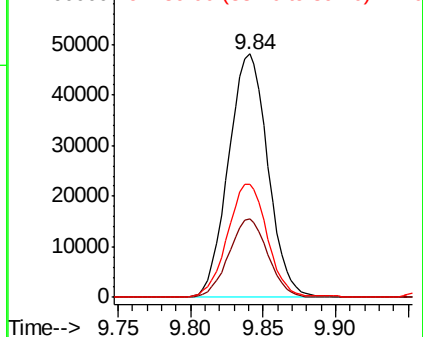
cis-1,3-Dichloropropene
Concen: 20.296 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 91006
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7
39 46.6 34.3 51.5



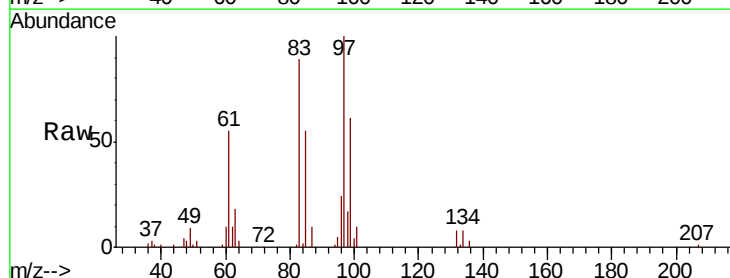
Abundance Ion 75.00 (74.70 to 75.70): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



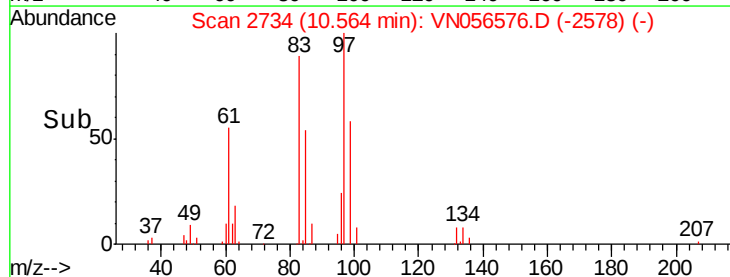
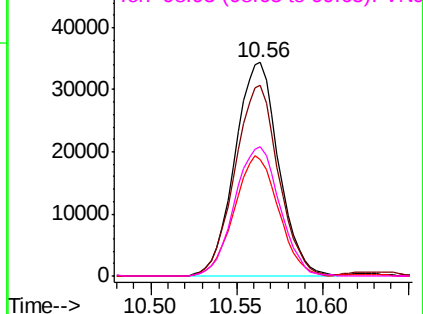
#50

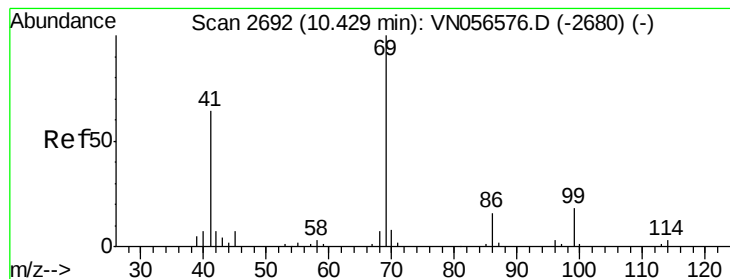
1,1,2-Trichloroethane
Concen: 20.228 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 97 Resp: 61052
Ion Ratio Lower Upper
97 100
83 89.1 66.9 100.3
85 54.5 43.3 64.9
99 60.5 48.6 73.0



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





#51

Ethyl methacrylate

Concen: 20.777 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

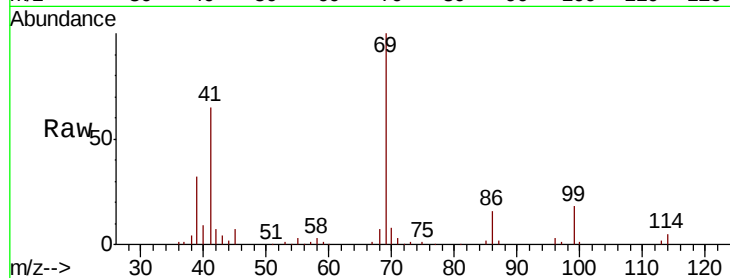
Tgt Ion: 69 Resp: 94871

Ion Ratio Lower Upper

69 100

41 64.4 30.8 92.3

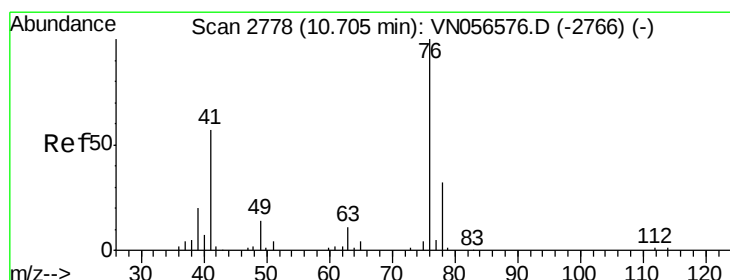
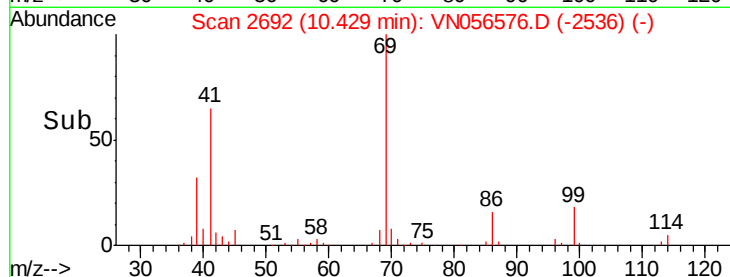
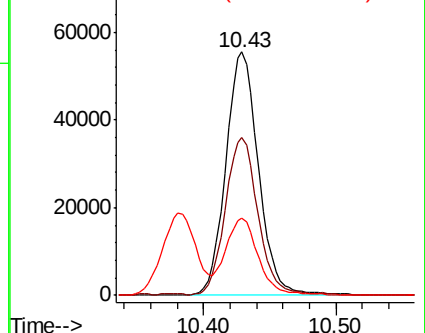
39 31.1 14.5 43.6



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: 21.036 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056576.D

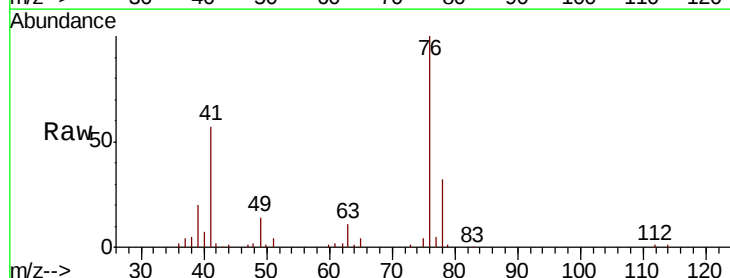
Acq: 3 Jul 2019 9:33

Tgt Ion: 76 Resp: 102933

Ion Ratio Lower Upper

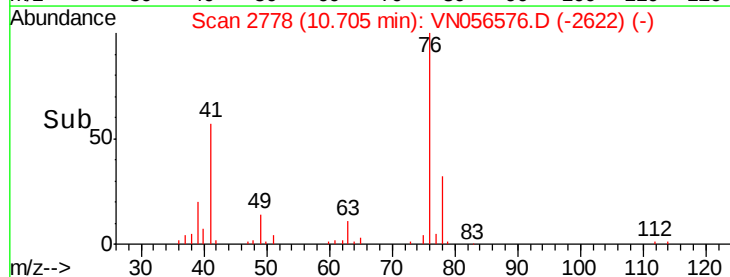
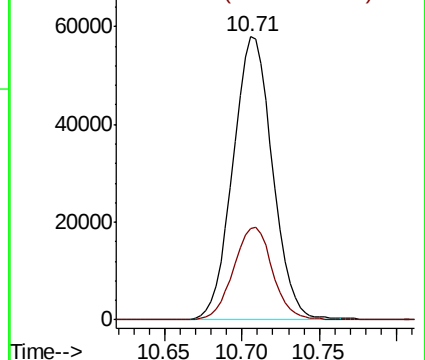
76 100

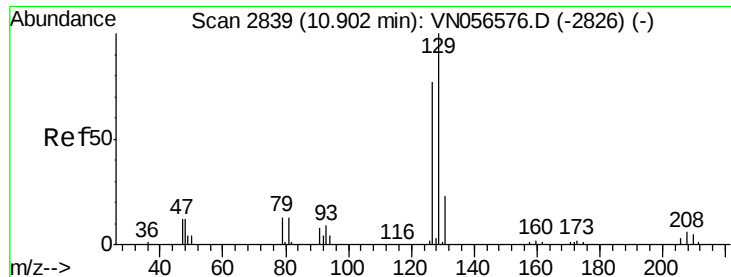
78 32.3 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.500 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

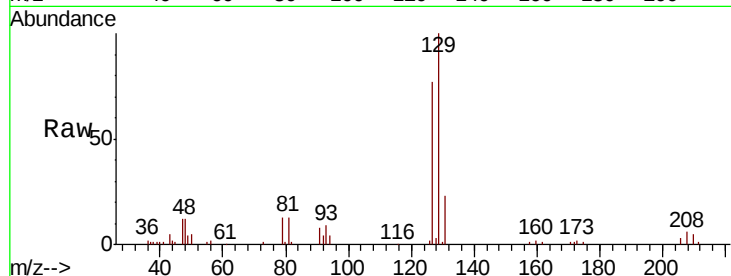
VSTDICCC020

Tgt Ion:129 Resp: 57612

Ion Ratio Lower Upper

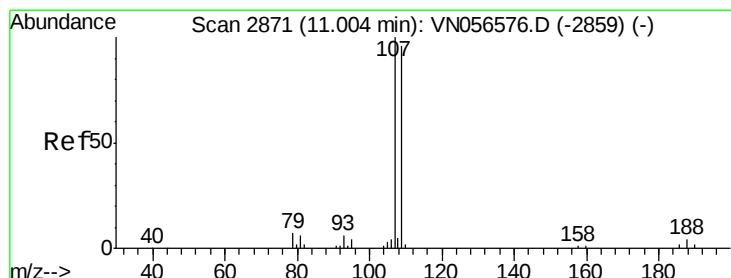
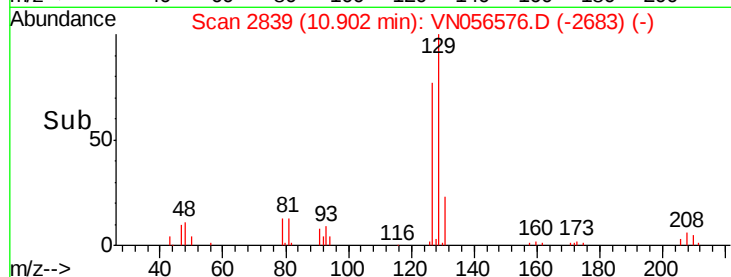
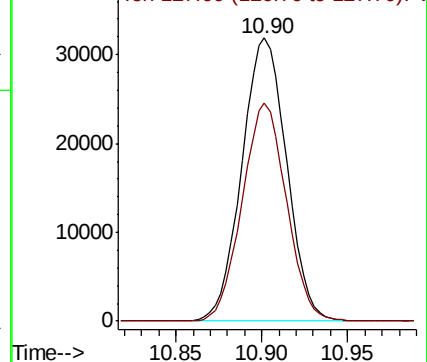
129 100

127 76.2 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.749 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056576.D

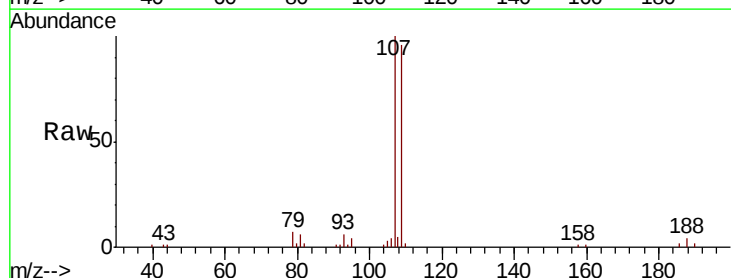
Acq: 3 Jul 2019 9:33

Tgt Ion:107 Resp: 62199

Ion Ratio Lower Upper

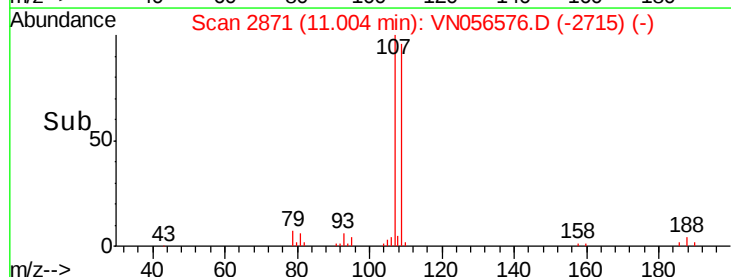
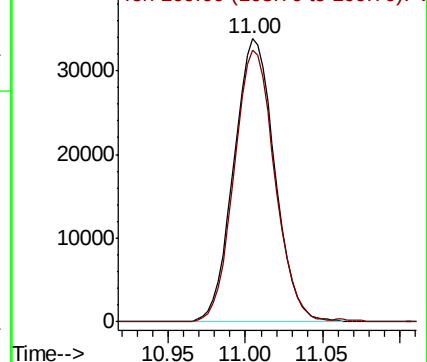
107 100

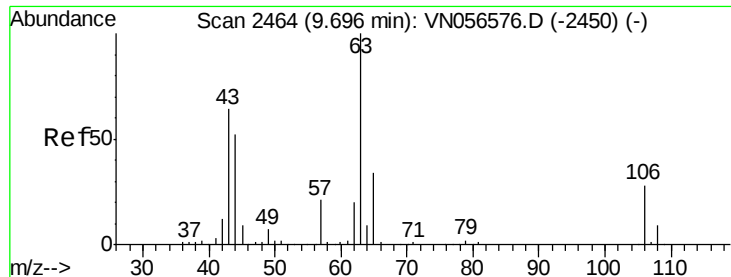
109 95.0 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

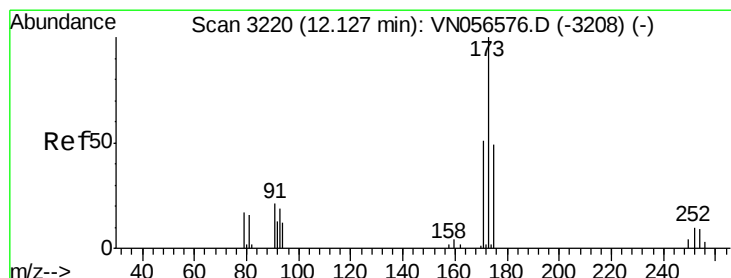
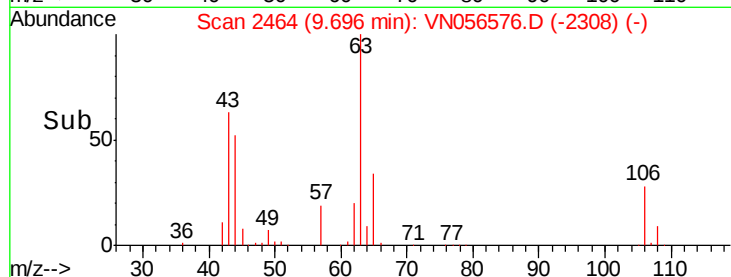
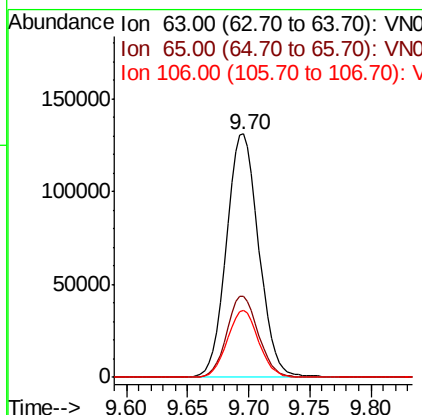
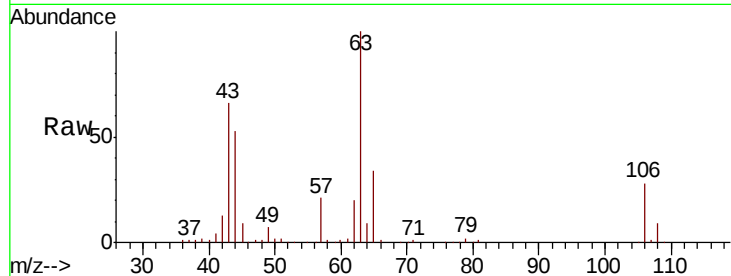




#55
 2-Chloroethyl vinyl ether
 Concen: 151.716 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

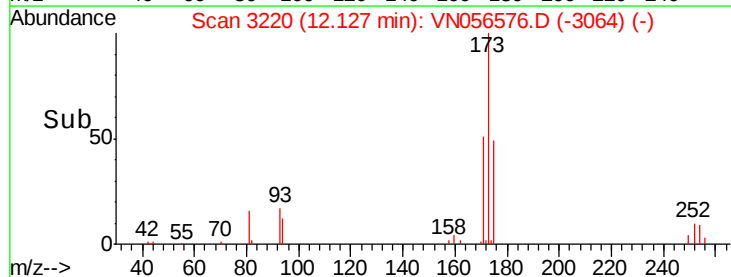
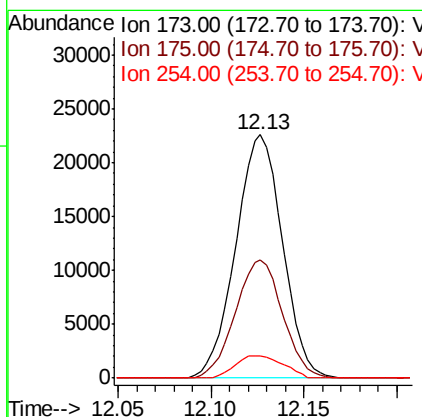
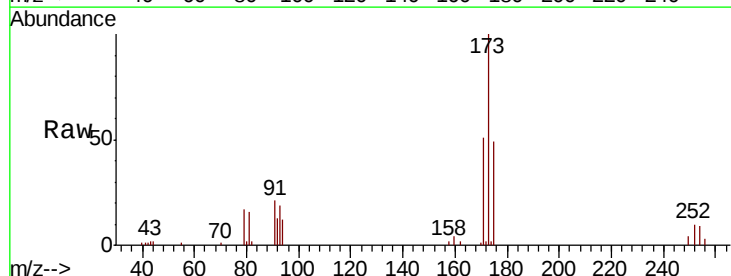
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

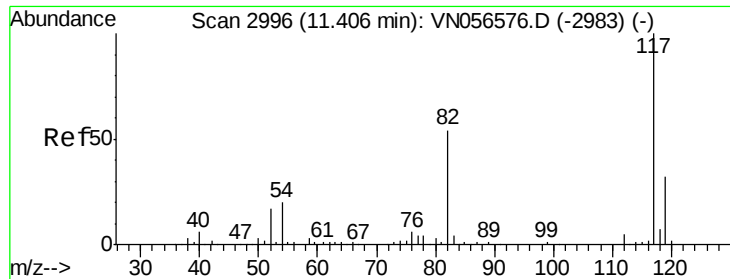
Tgt Ion: 63 Resp: 242654
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.5 38.3
 106 26.7 23.0 34.4



#56
 Bromoform
 Concen: 18.525 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 173 Resp: 39596
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.7 58.1
 254 9.4 6.6 9.8

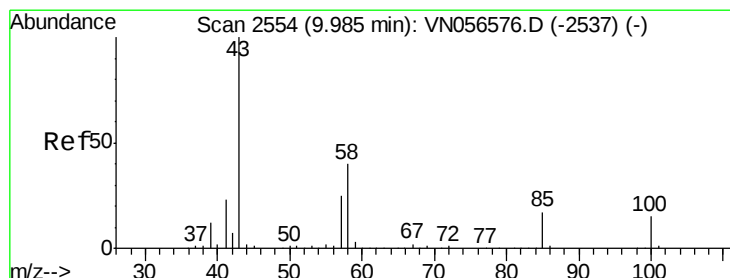
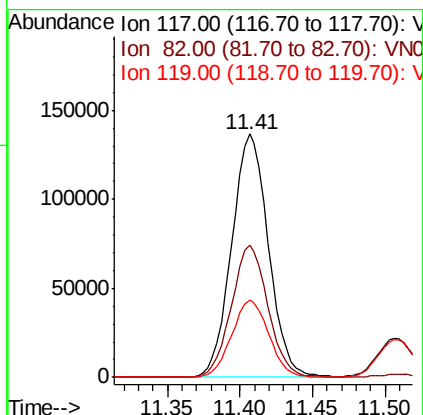
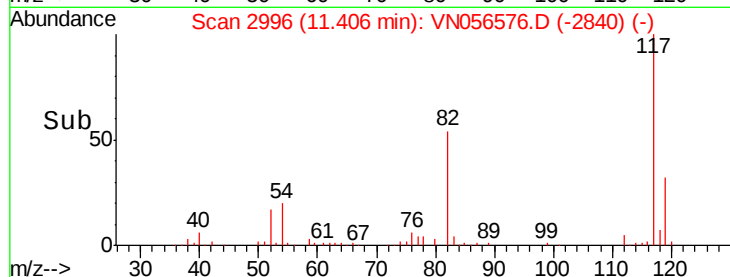
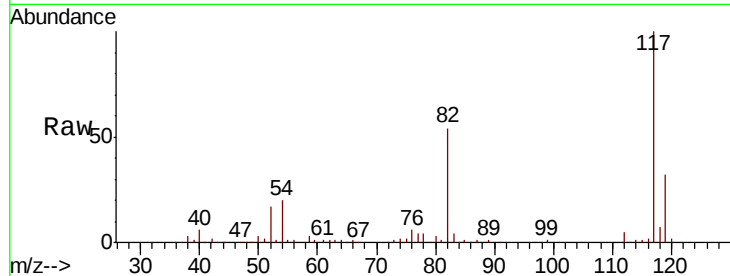




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

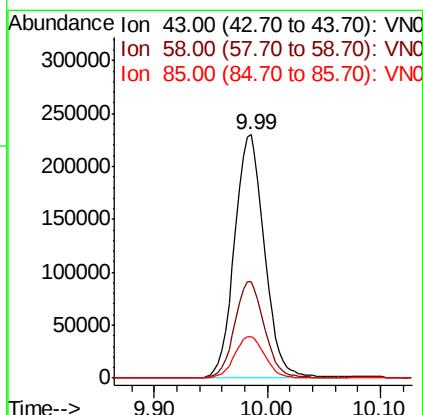
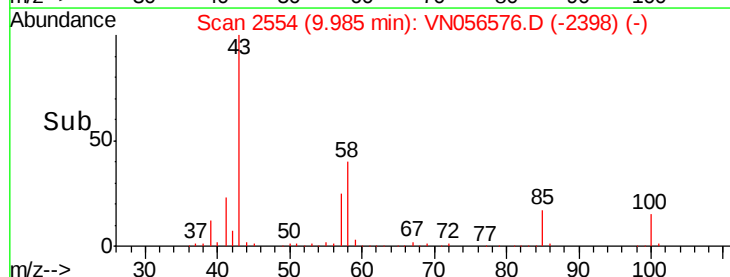
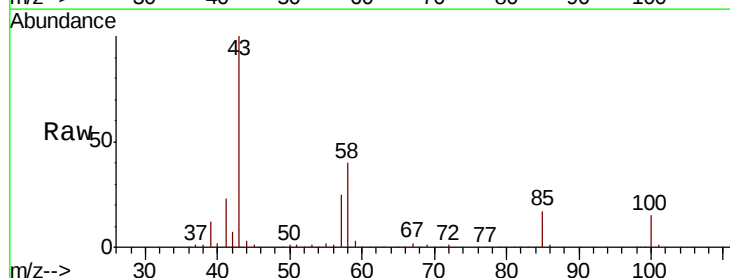
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

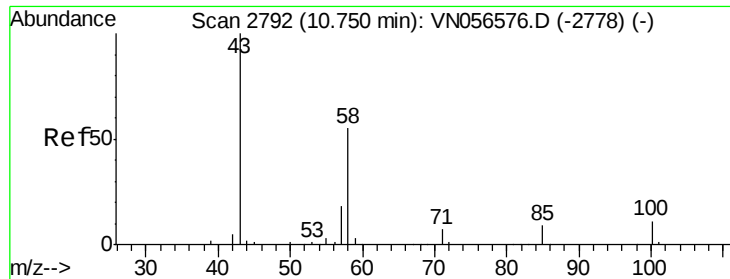
Tgt Ion: 117 Resp: 240074
Ion Ratio Lower Upper
117 100
82 54.4 41.2 61.8
119 32.2 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 116.626 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 43 Resp: 423972
Ion Ratio Lower Upper
43 100
58 39.5 33.1 49.7
85 17.2 15.5 23.3

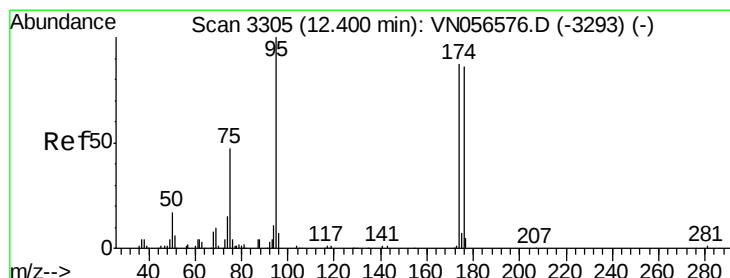
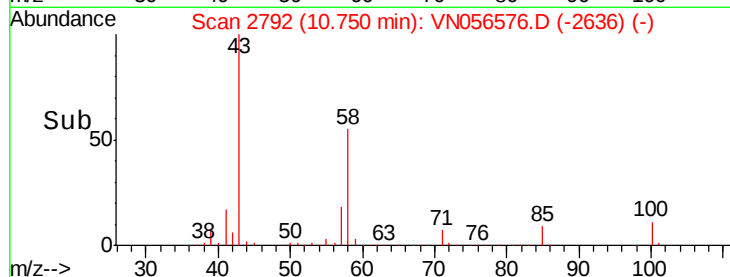
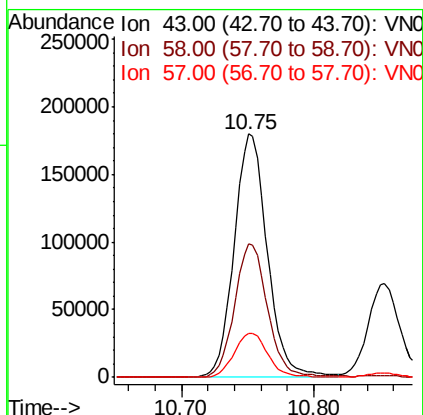
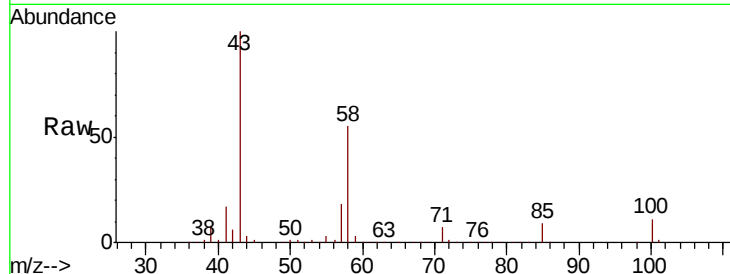




#59
2-Hexanone
Concen: 120.054 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

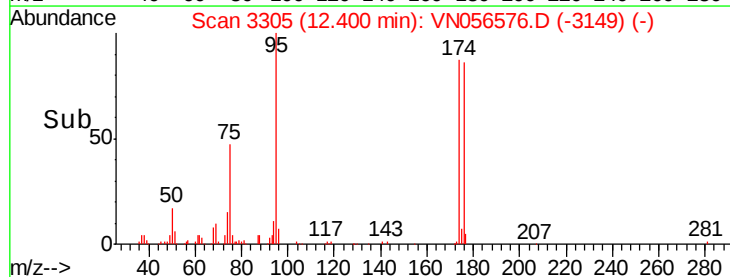
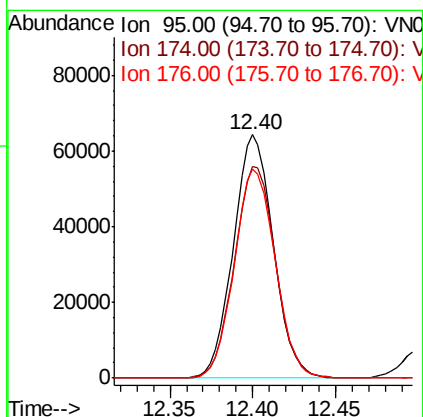
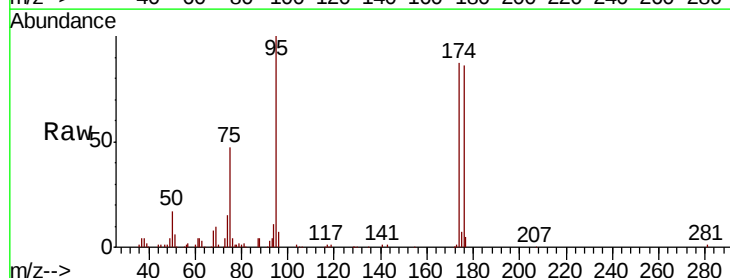
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

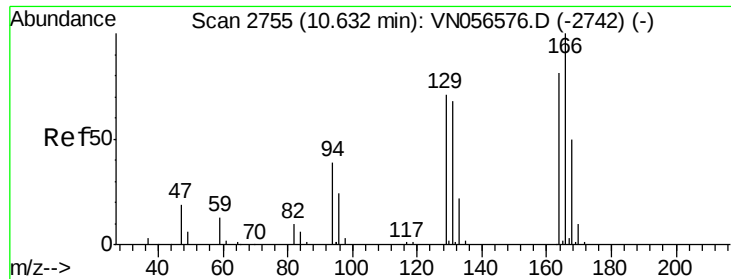
Tgt Ion: 43 Resp: 311940
Ion Ratio Lower Upper
43 100
58 54.8 45.3 67.9
57 18.6 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 30.274 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 95 Resp: 107728
Ion Ratio Lower Upper
95 100
174 89.3 75.4 113.0
176 87.9 73.9 110.9

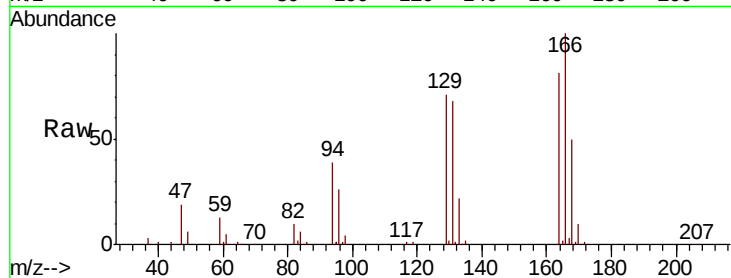




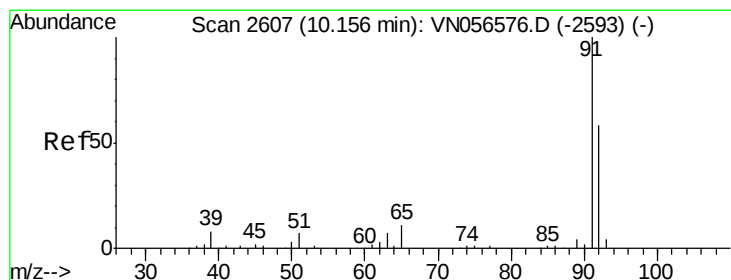
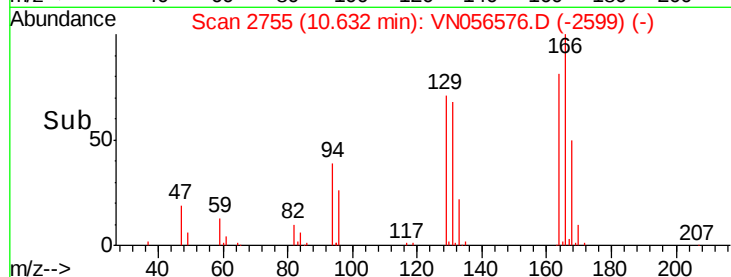
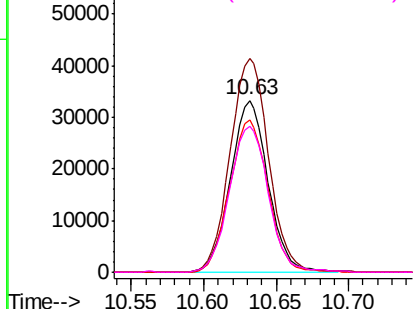
#61
Tetrachloroethene
Concen: 17.878 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:164 Resp: 59818
Ion Ratio Lower Upper
164 100
166 124.1 104.3 156.5
129 88.3 71.5 107.3
131 84.5 67.7 101.5

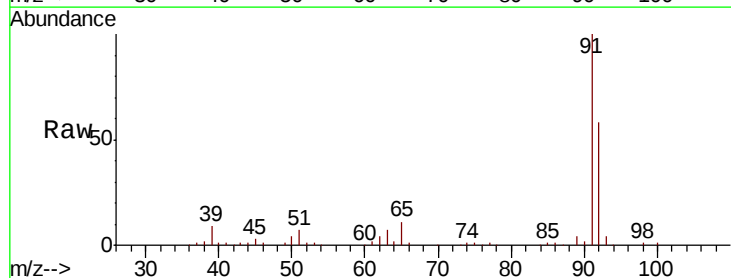


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

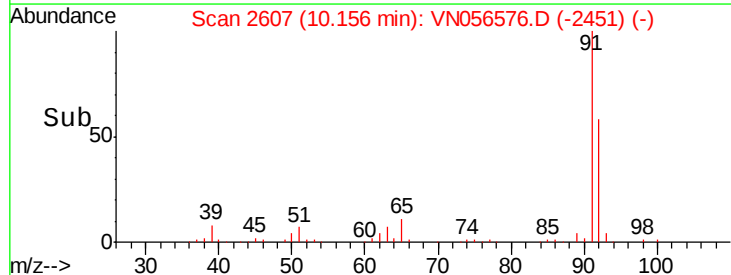
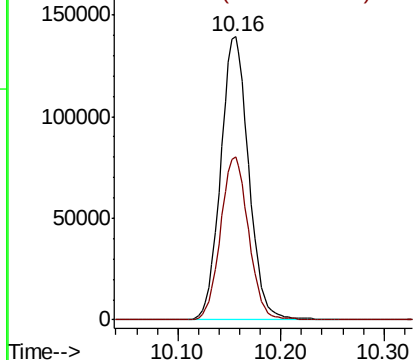


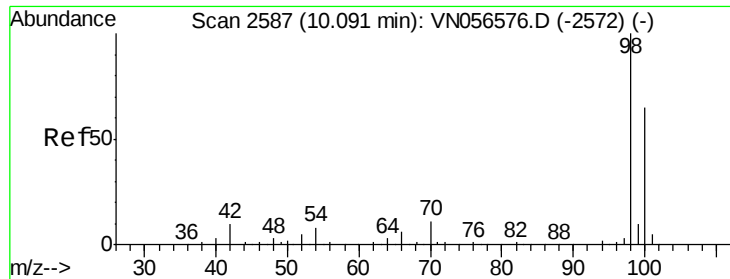
#62
Toluene
Concen: 20.319 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 91 Resp: 263335
Ion Ratio Lower Upper
91 100
92 57.6 45.5 68.3



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





#63

Toluene-d8

Concen: 31.304 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

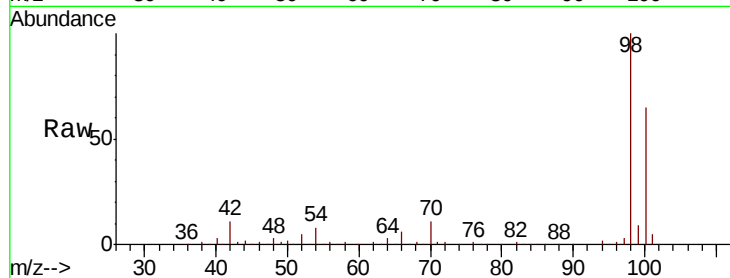
VSTDICCC020

Tgt Ion: 98 Resp: 340921

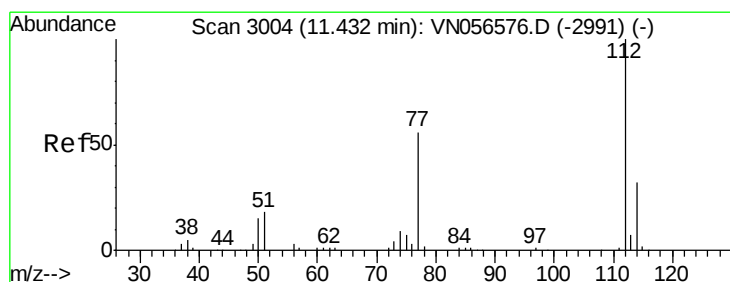
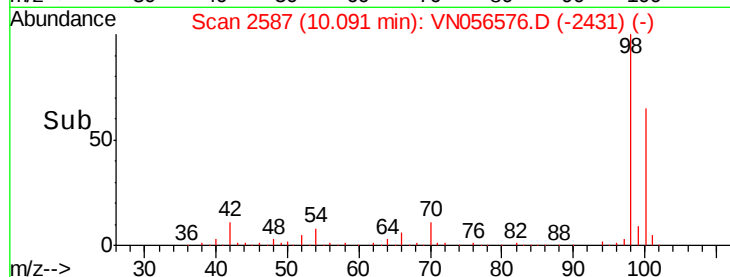
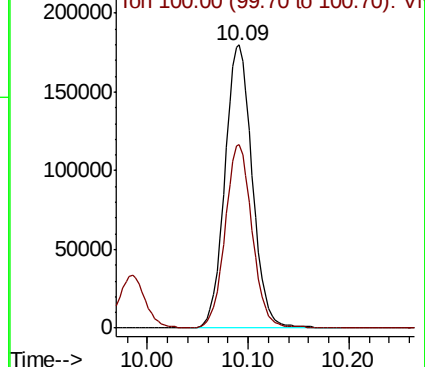
Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4



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



#64

Chlorobenzene

Concen: 19.913 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056576.D

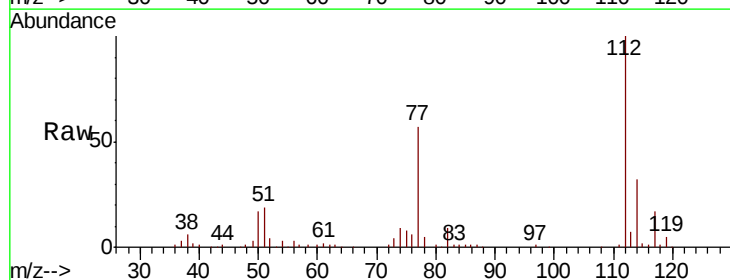
Acq: 3 Jul 2019 9:33

Tgt Ion: 112 Resp: 156536

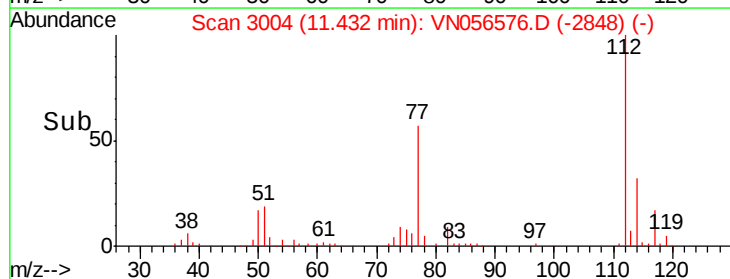
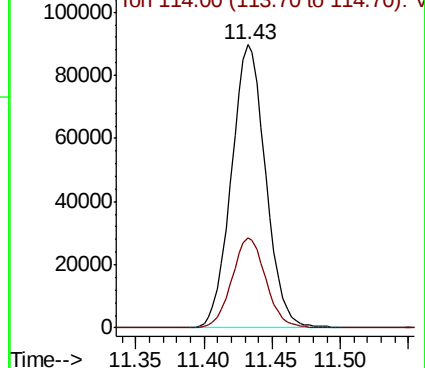
Ion Ratio Lower Upper

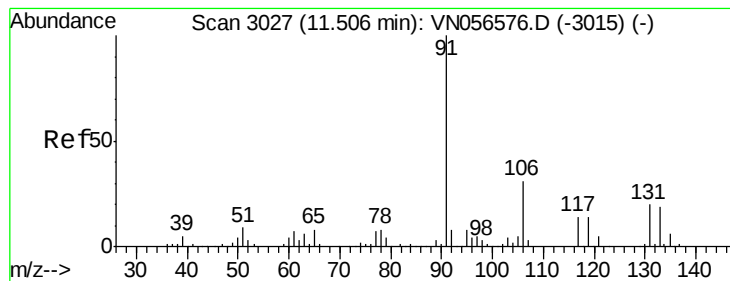
112 100

114 31.8 26.1 39.1



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





#65

1,1,1,2-Tetrachloroethane

Concen: 19.563 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

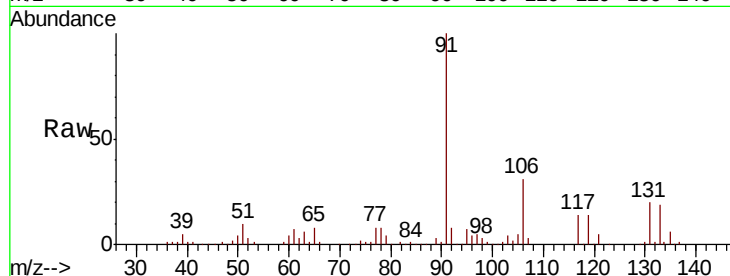
Tgt Ion: 131 Resp: 55454

Ion Ratio Lower Upper

131 100

133 95.5 0.0 193.8

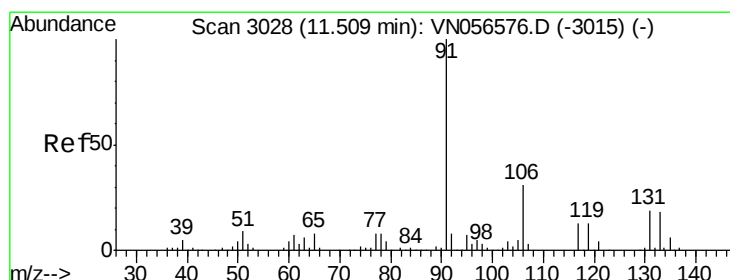
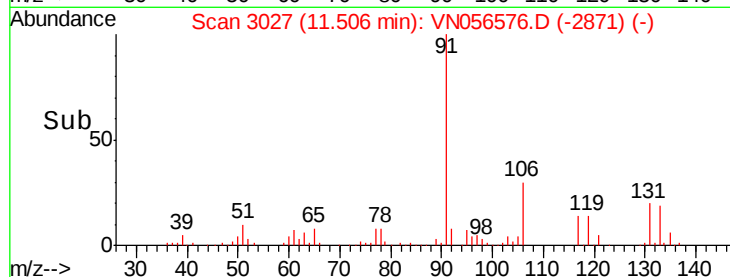
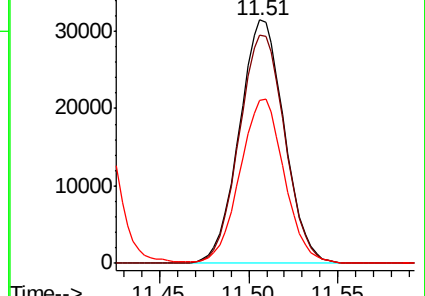
119 66.6 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.354 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056576.D

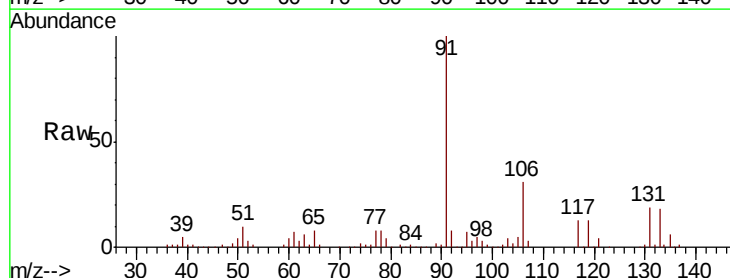
Acq: 3 Jul 2019 9:33

Tgt Ion: 91 Resp: 280960

Ion Ratio Lower Upper

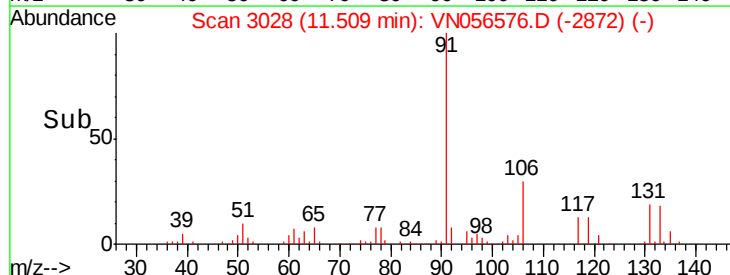
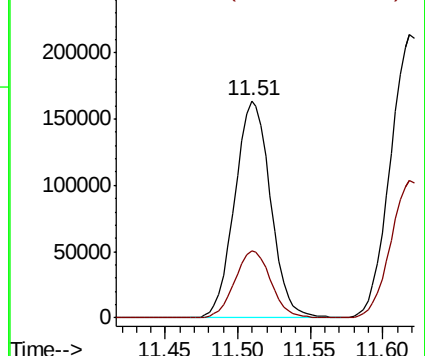
91 100

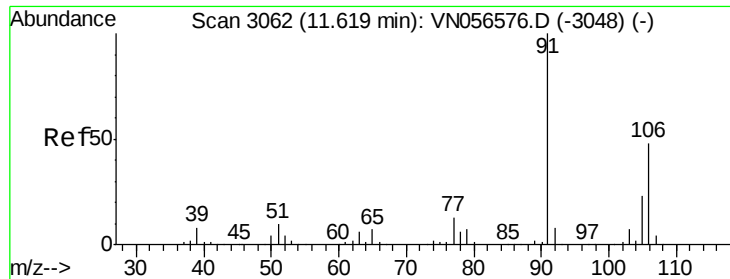
106 31.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

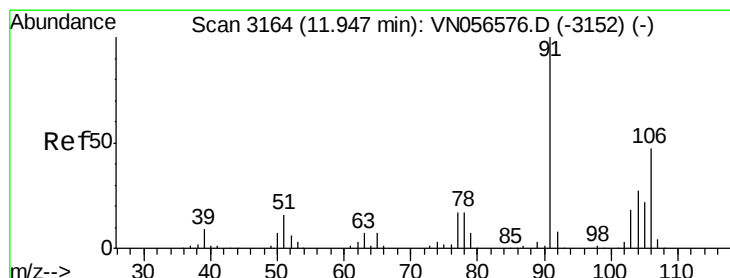
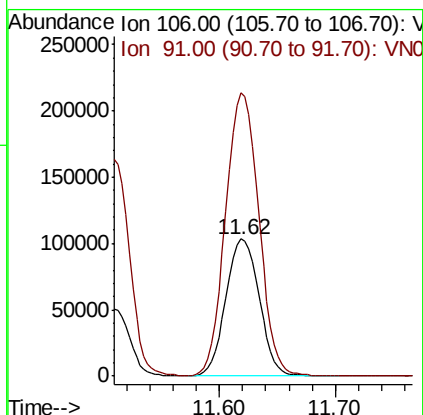
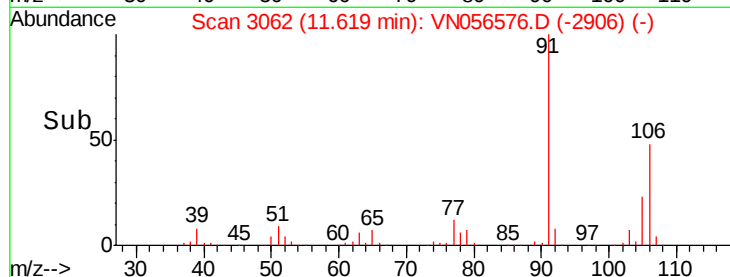
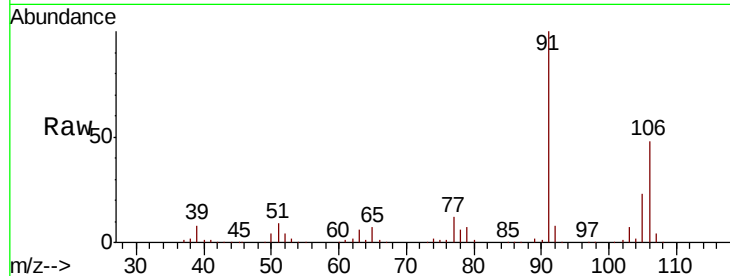




#67
m/p-Xylenes
Concen: 39.277 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

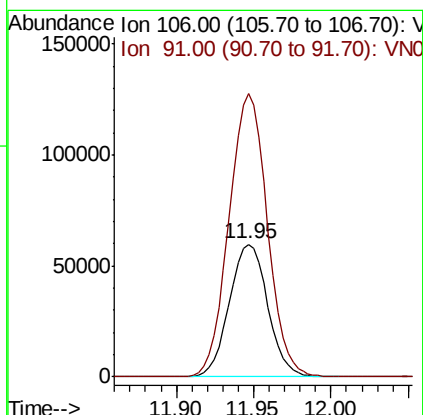
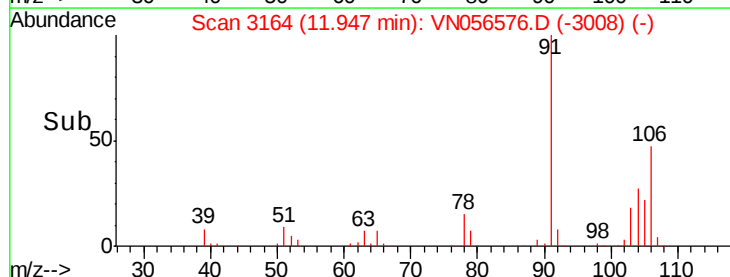
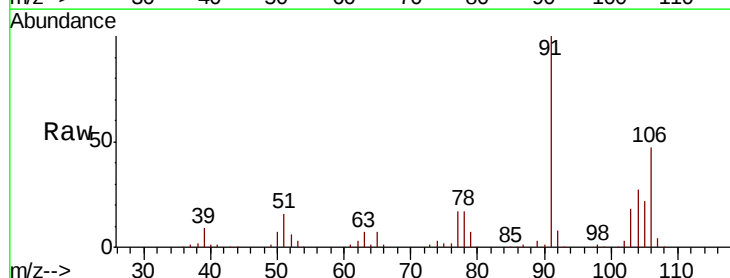
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

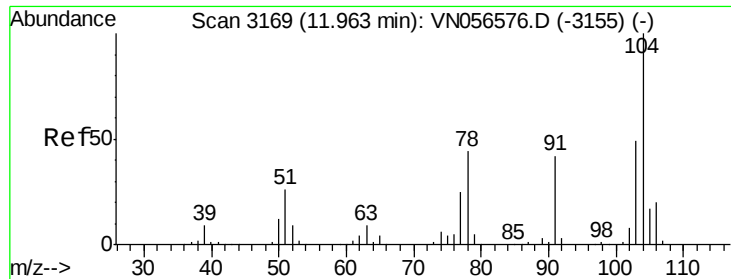
Tgt Ion:106 Resp: 207524
Ion Ratio Lower Upper
106 100
91 205.0 155.7 233.5



#68
o-Xylene
Concen: 19.860 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion:106 Resp: 102728
Ion Ratio Lower Upper
106 100
91 213.6 103.9 311.7

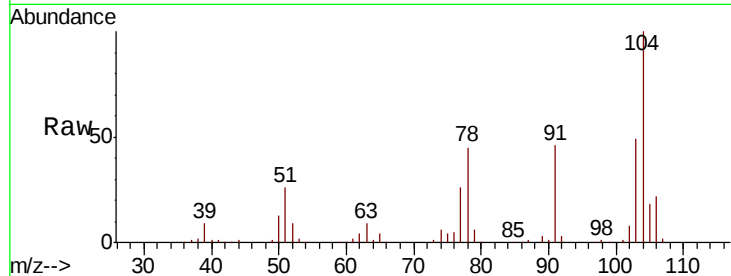




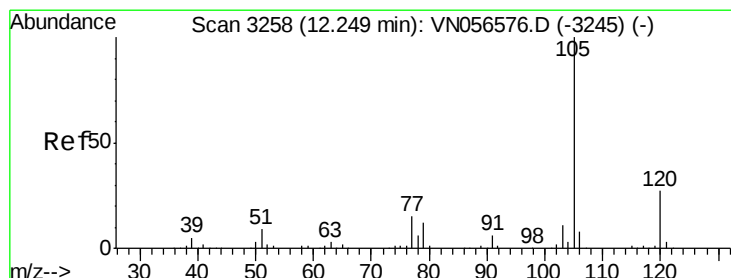
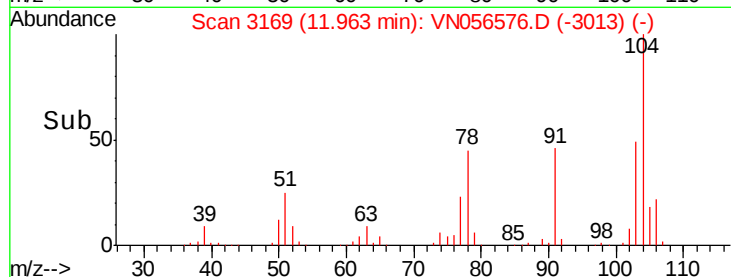
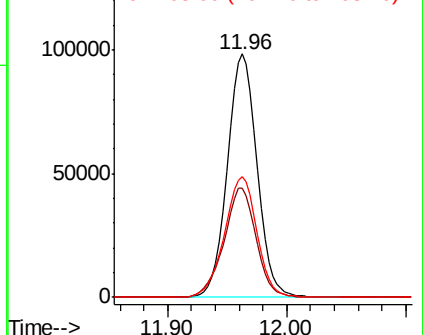
#69
Styrene
Concen: 20.240 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tgt Ion:104 Resp: 170096
Ion Ratio Lower Upper
104 100
78 48.6 37.0 55.6
103 54.1 44.4 66.6

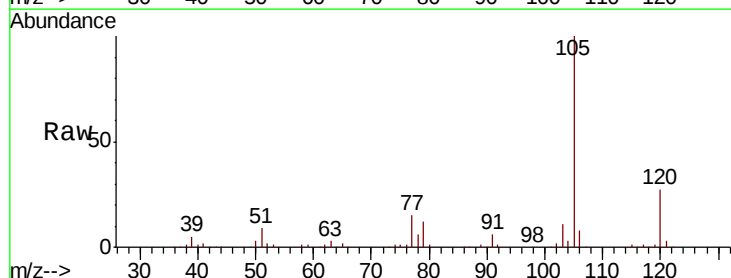


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

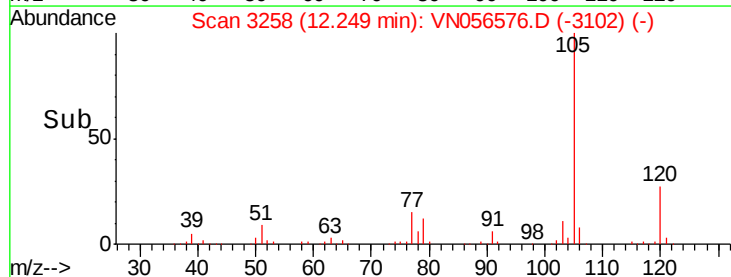
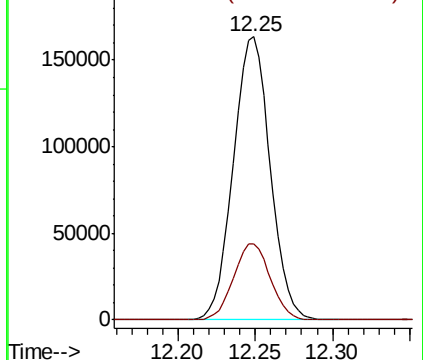


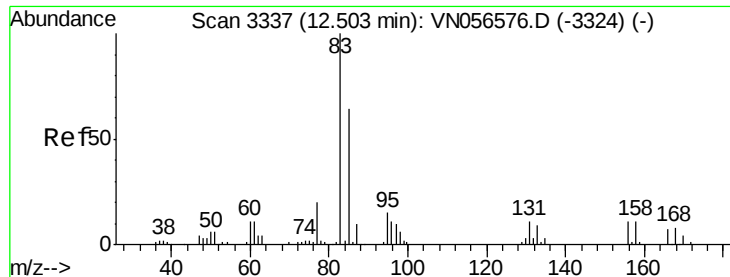
#70
Isopropylbenzene
Concen: 20.001 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion:105 Resp: 270304
Ion Ratio Lower Upper
105 100
120 26.8 19.3 35.8



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

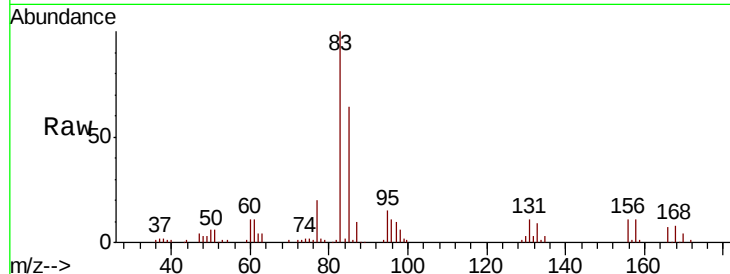




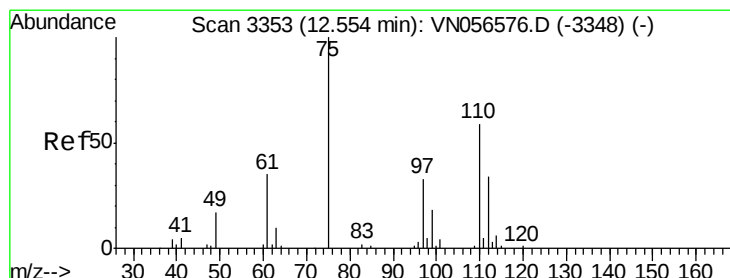
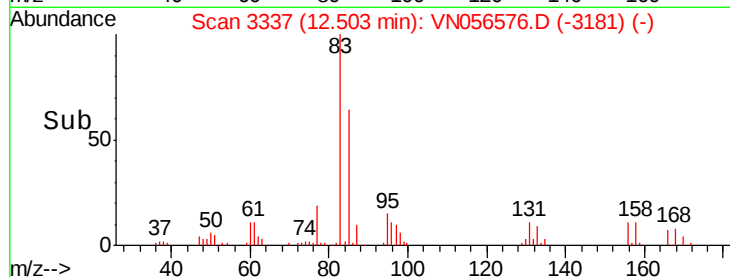
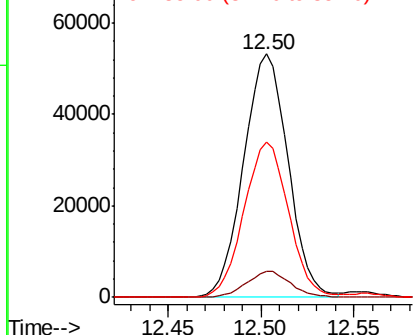
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.778 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 83 Resp: 88736
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 63.9 31.6 94.7

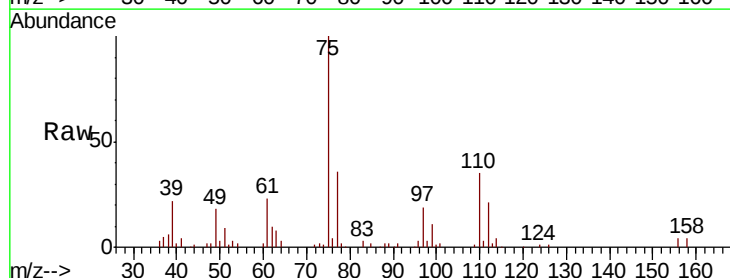


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

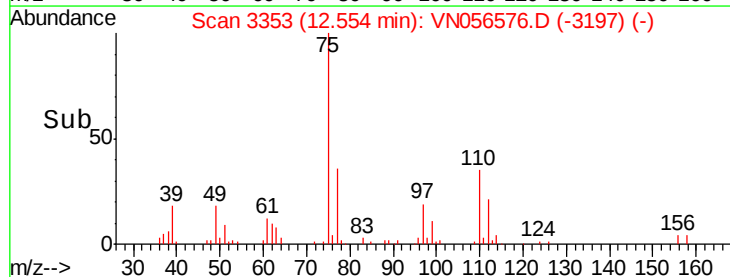
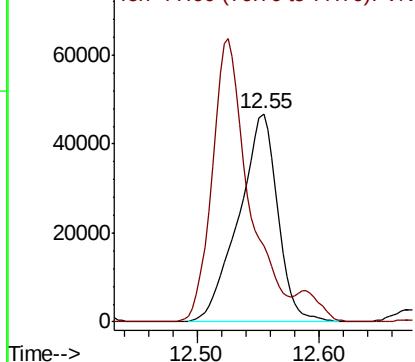


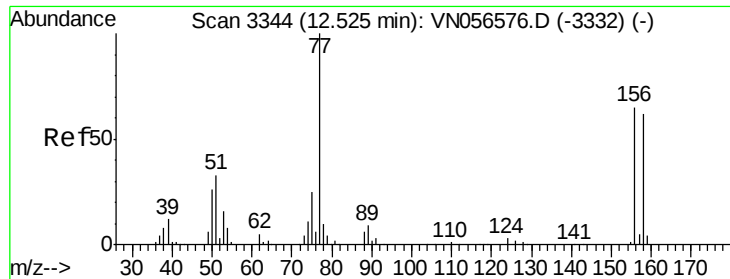
#72
 1,2,3-Trichloropropane
 Concen: 29.238 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 75 Resp: 103133
 Ion Ratio Lower Upper
 75 100
 77 129.0 0.0 350.0



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





#73

Bromobenzene

Concen: 19.195 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

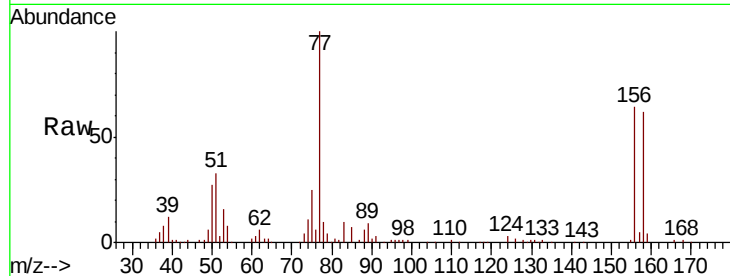
Tgt Ion:156 Resp: 68857

Ion Ratio Lower Upper

156 100

77 193.2 0.0 350.8

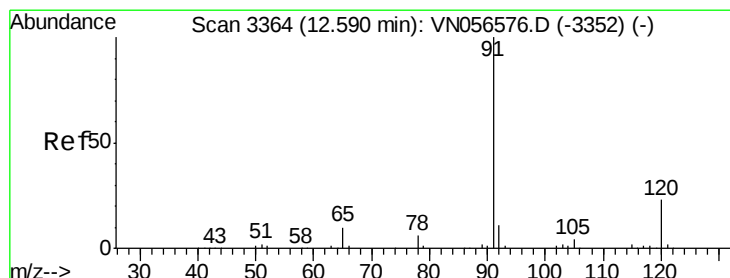
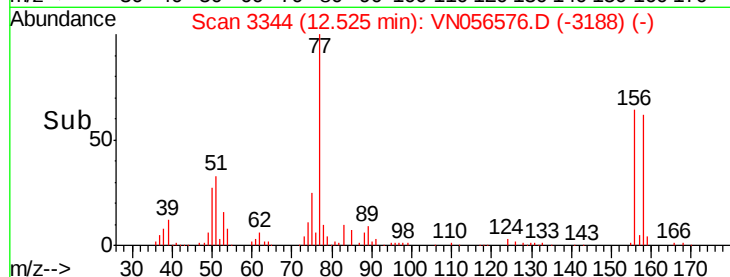
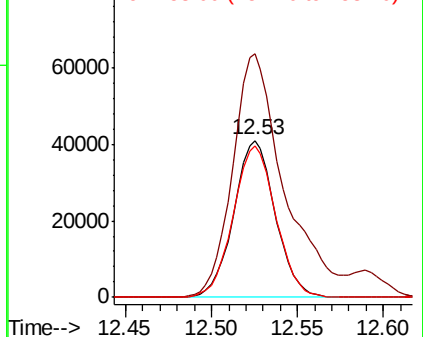
158 98.5 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.906 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056576.D

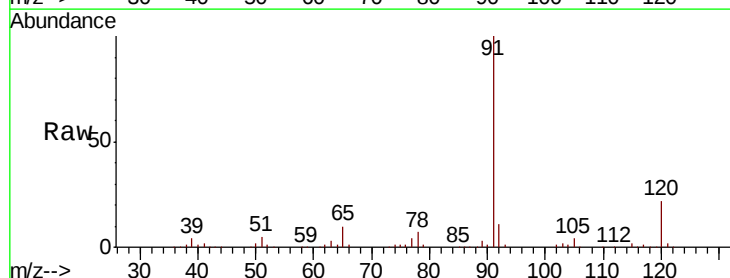
Acq: 3 Jul 2019 9:33

Tgt Ion: 91 Resp: 298170

Ion Ratio Lower Upper

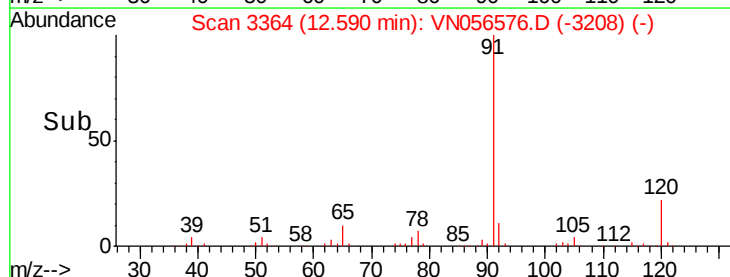
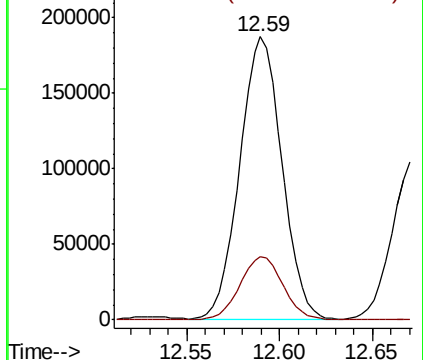
91 100

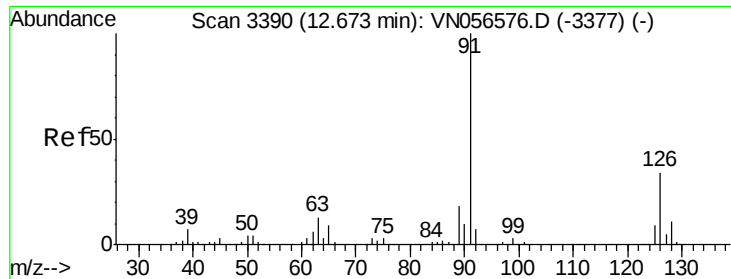
120 22.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.571 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

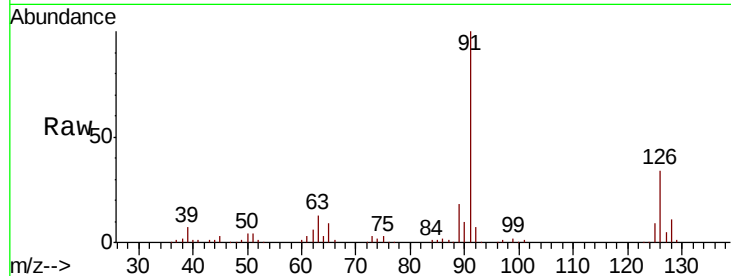
VSTDICCC020

Tgt Ion: 91 Resp: 181973

Ion Ratio Lower Upper

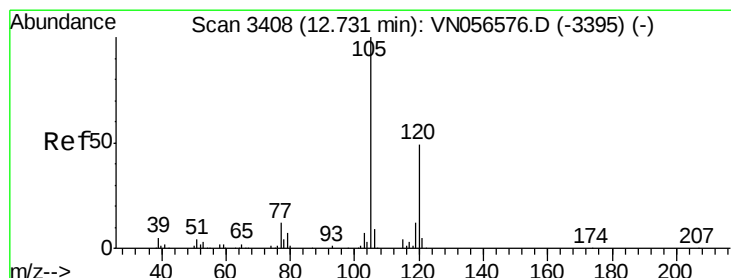
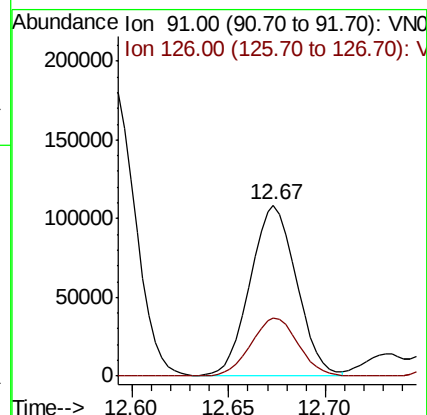
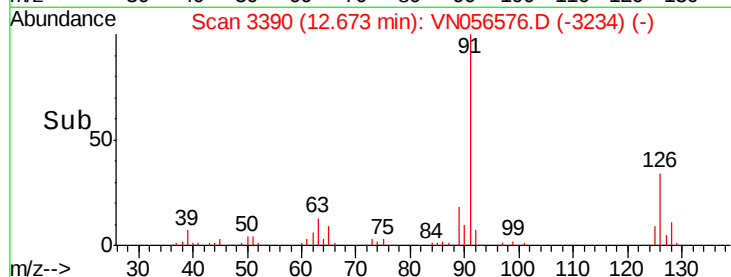
91 100

126 34.6 0.0 72.4



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

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



#76

1,3,5-Trimethylbenzene

Concen: 20.439 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056576.D

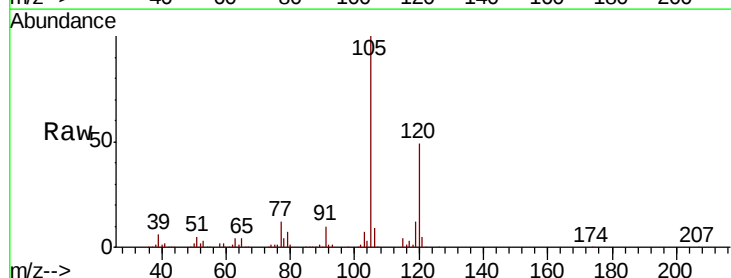
Acq: 3 Jul 2019 9:33

Tgt Ion: 105 Resp: 227213

Ion Ratio Lower Upper

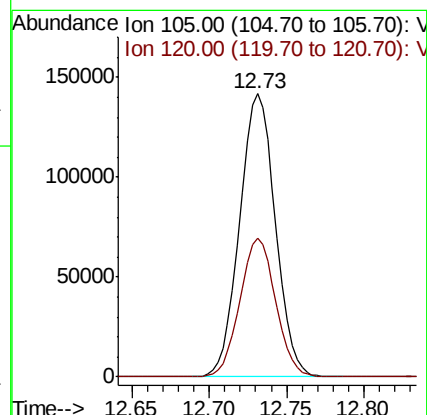
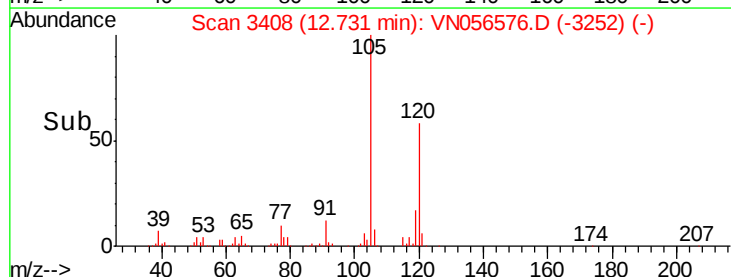
105 100

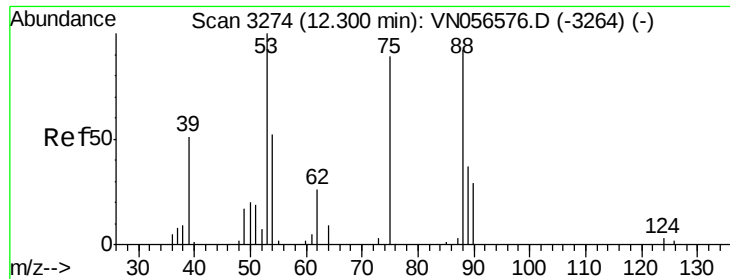
120 49.0 0.0 100.6



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

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

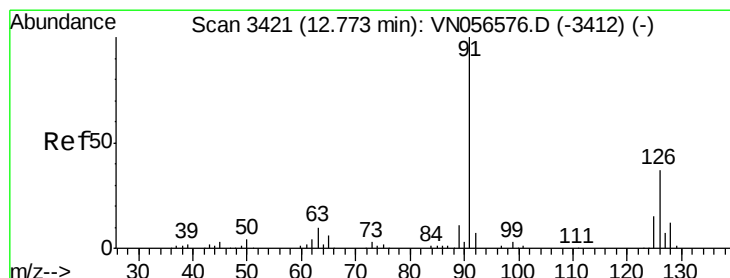
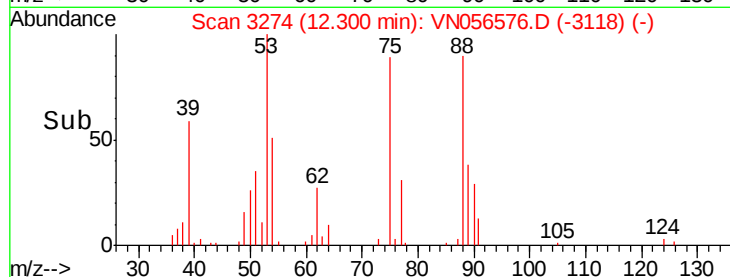
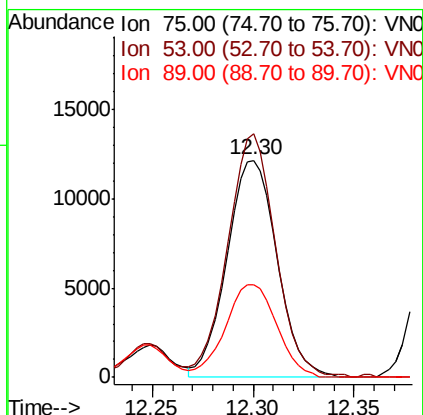
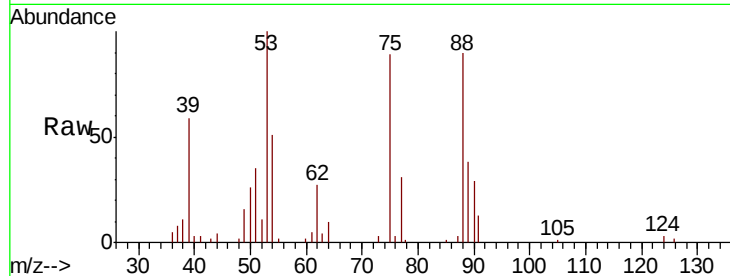




#77
t-1,4-Dichloro-2-butene
Concen: 21.077 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

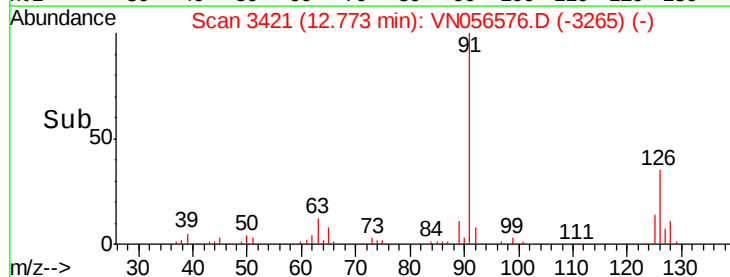
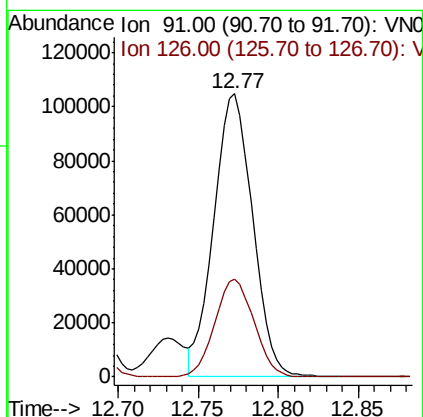
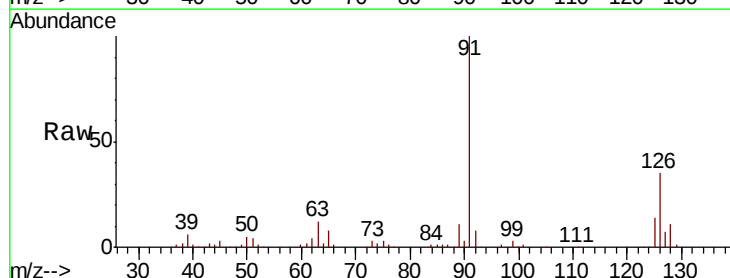
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

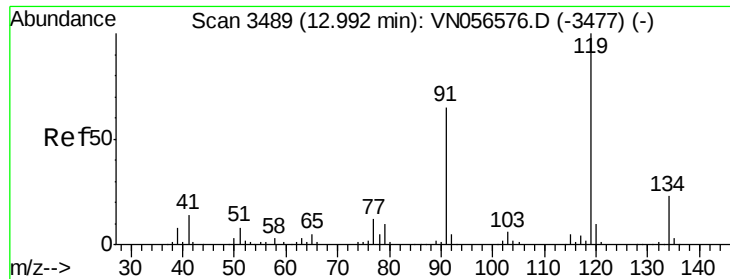
Tgt Ion: 75 Resp: 21214
Ion Ratio Lower Upper
75 100
53 110.6 48.0 144.0
89 42.6 22.5 67.5



#78
4-Chlorotoluene
Concen: 21.205 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion: 91 Resp: 175184
Ion Ratio Lower Upper
91 100
126 34.5 0.0 71.8

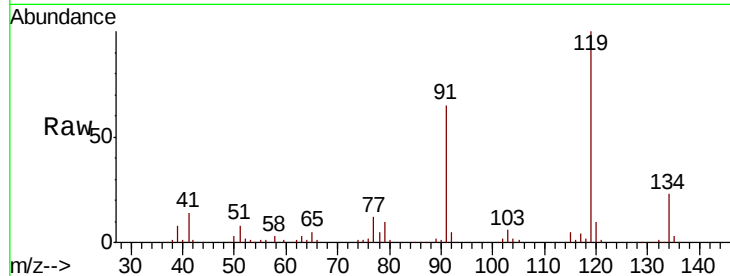




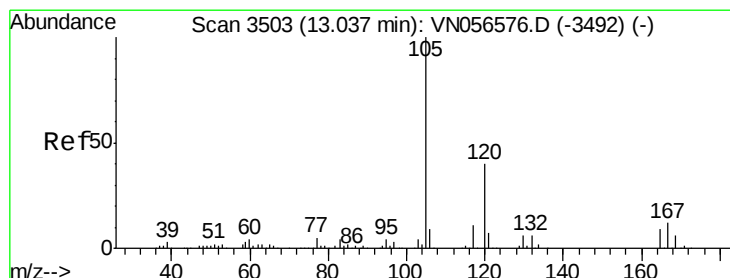
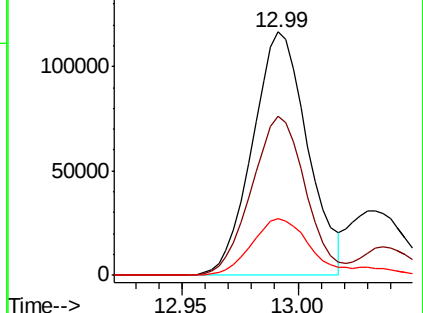
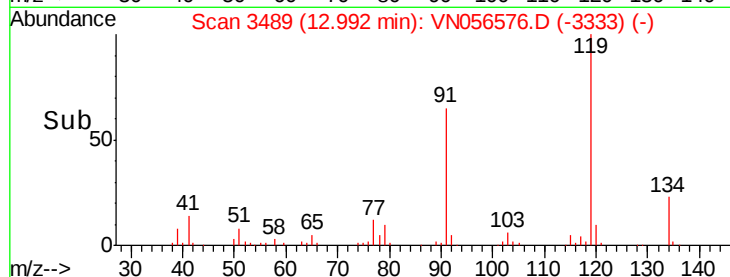
#79
tert-butylbenzene
Concen: 19.565 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 192694
Ion Ratio Lower Upper
119 100
91 64.2 0.0 122.8
134 24.5 0.0 50.2

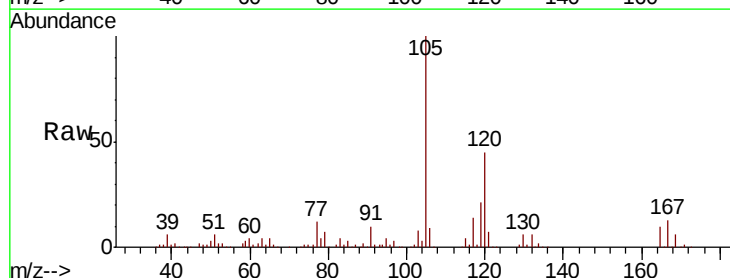


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

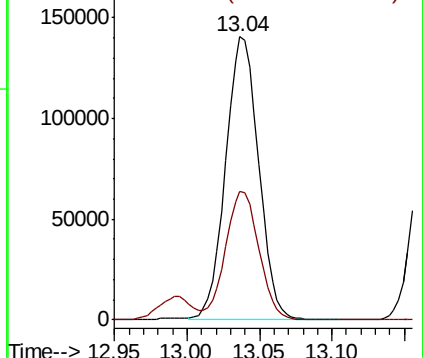
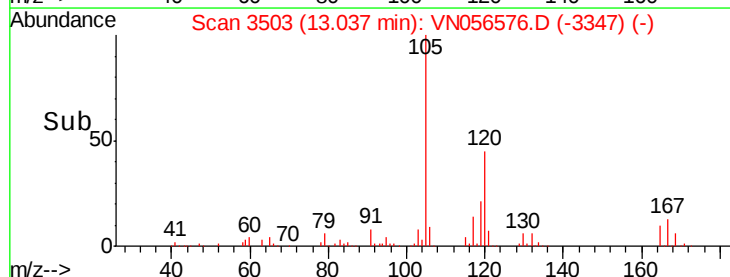


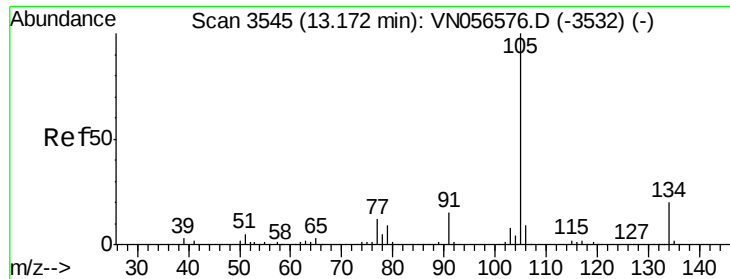
#80
1,2,4-Trimethylbenzene
Concen: 20.566 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion:105 Resp: 222403
Ion Ratio Lower Upper
105 100
120 45.8 0.0 93.4



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

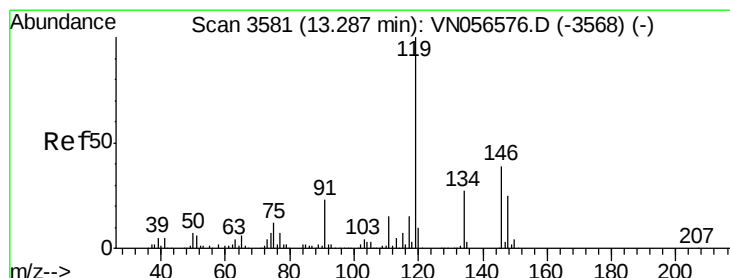
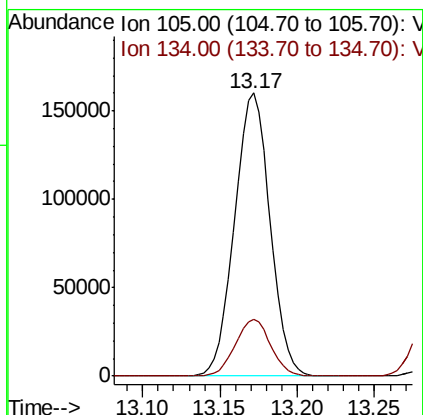
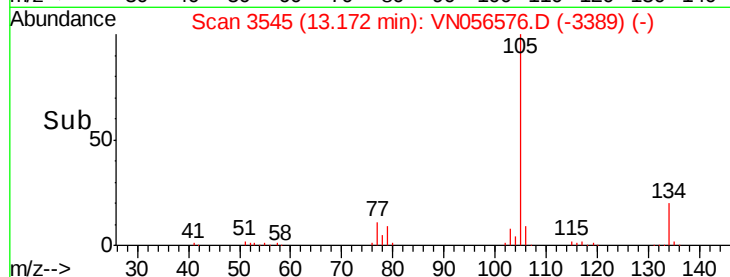
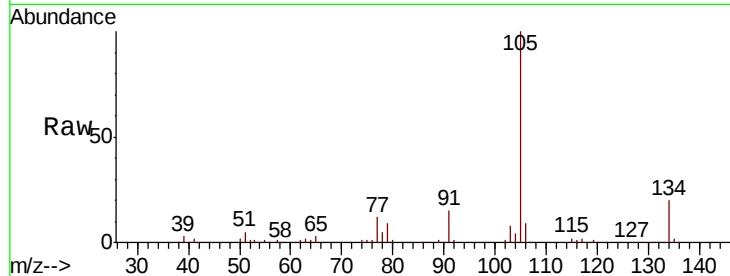




#81
 sec-Butylbenzene
 Concen: 20.439 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

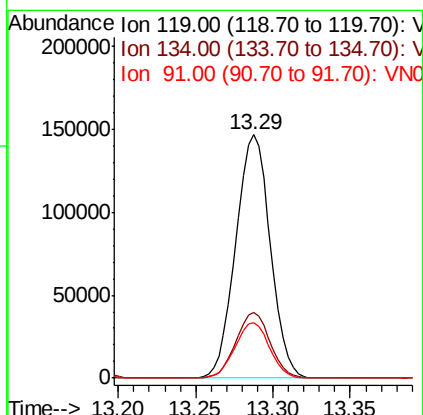
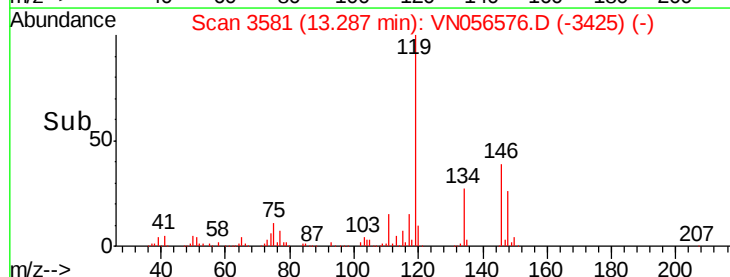
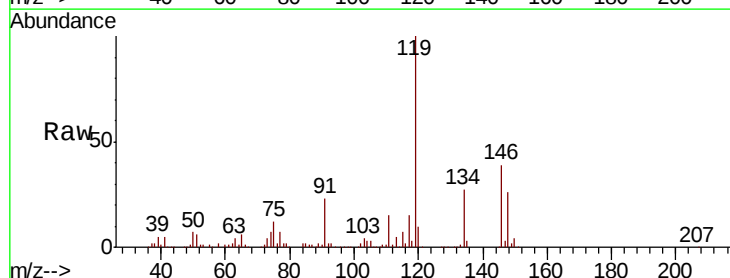
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

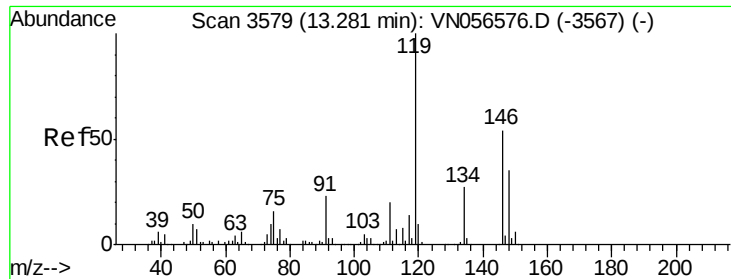
Tgt Ion:105 Resp: 254658
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 20.213 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion:119 Resp: 227696
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.4
 91 22.7 0.0 43.0

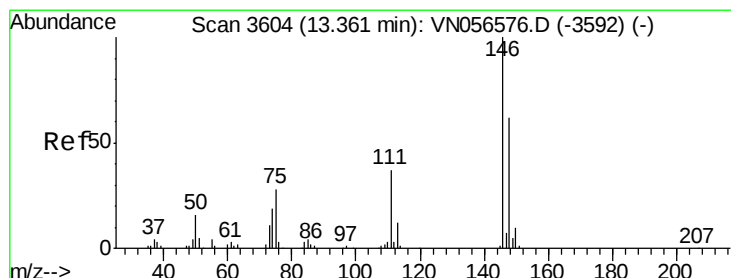
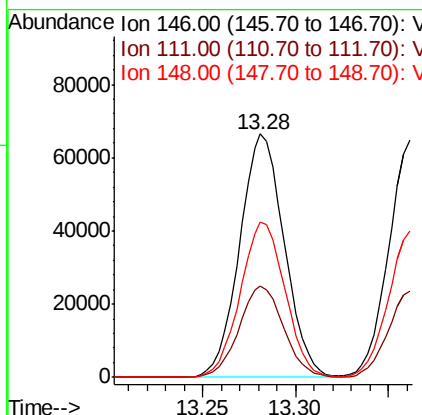
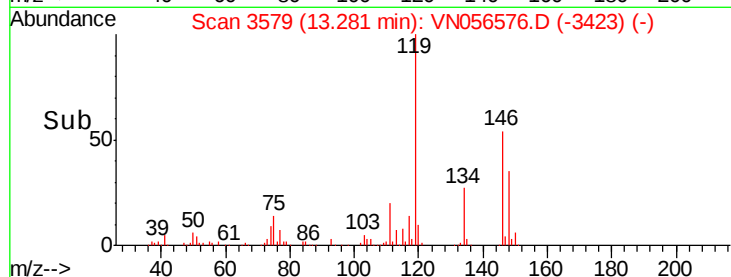
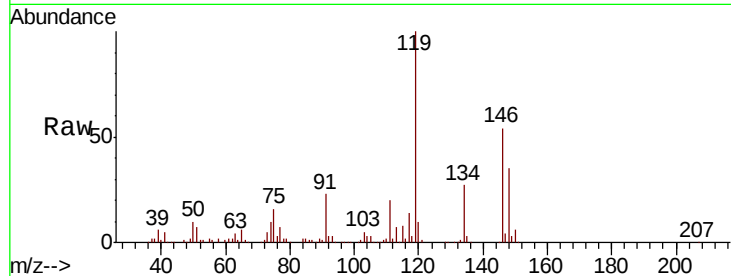




#83
 1,3-Dichlorobenzene
 Concen: 19.859 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

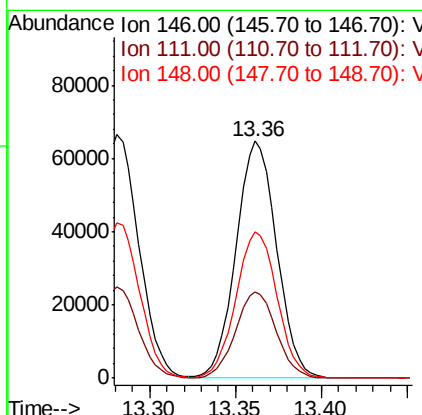
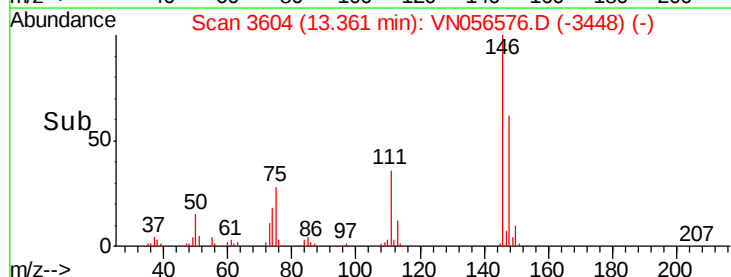
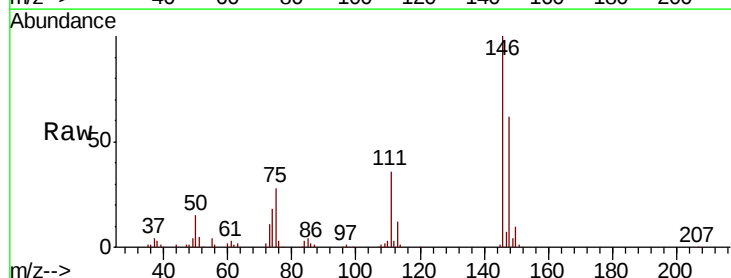
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

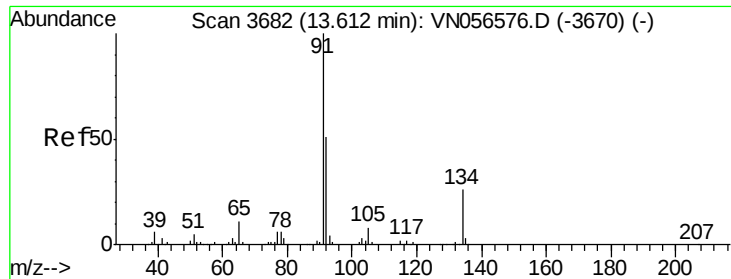
Tgt Ion:146 Resp: 111020
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.2 54.6
 148 63.8 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 20.024 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion:146 Resp: 106630
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.6 52.9
 148 62.6 32.1 96.3





#85

n-Butylbenzene

Concen: 21.946 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056576.D

Acq: 3 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

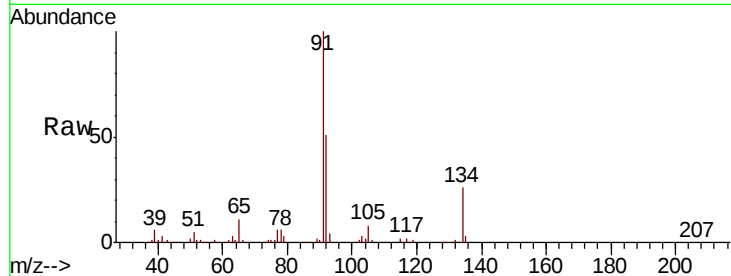
Tgt Ion: 91 Resp: 184510

Ion Ratio Lower Upper

91 100

92 51.2 0.0 107.2

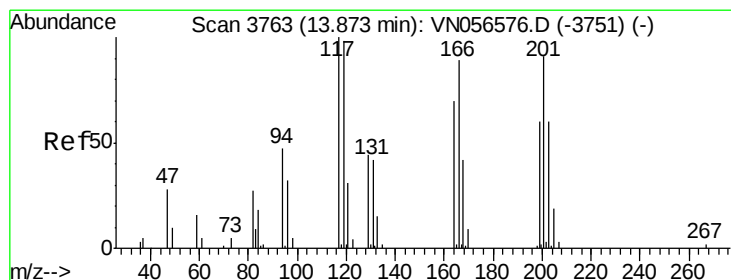
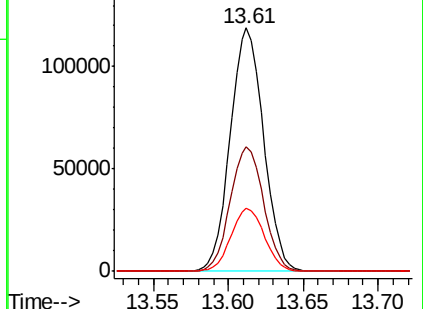
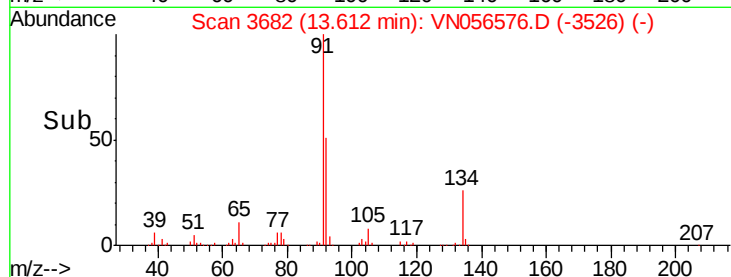
134 26.0 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN056576.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN056576.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN056576.D (-3670) (-)



#86

Hexachloroethane

Concen: 18.454 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056576.D

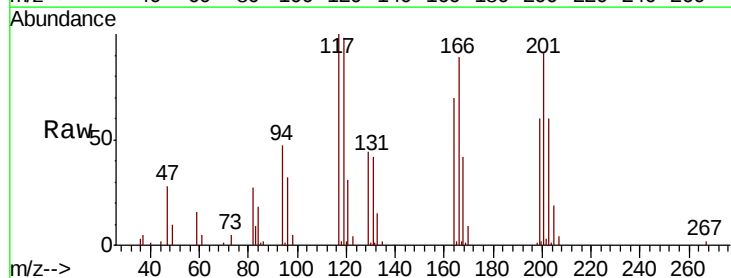
Acq: 3 Jul 2019 9:33

Tgt Ion: 117 Resp: 32408

Ion Ratio Lower Upper

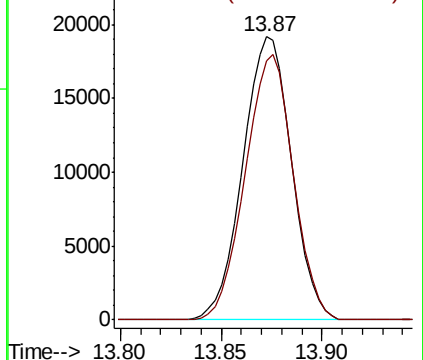
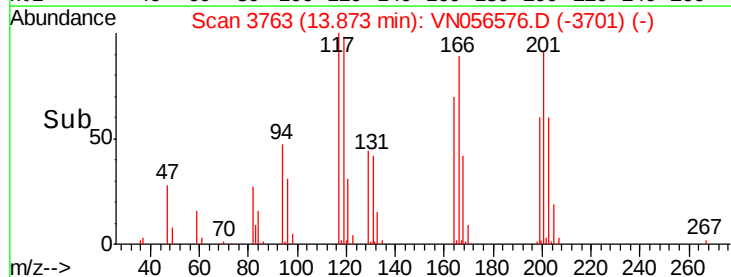
117 100

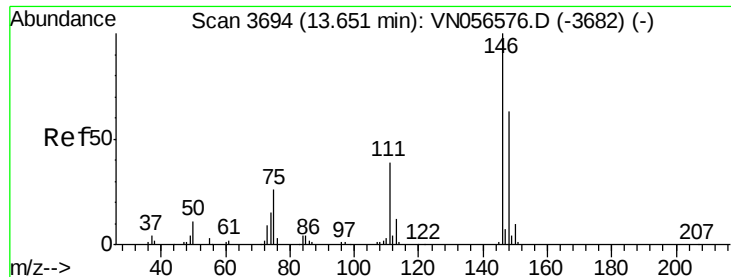
201 92.2 48.1 144.4



Abundance Ion 117.00 (116.70 to 117.70): VN056576.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056576.D (-3751) (-)

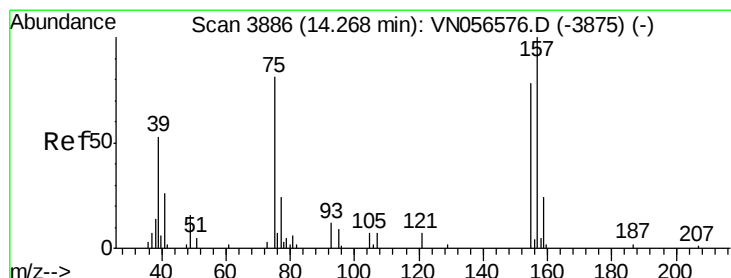
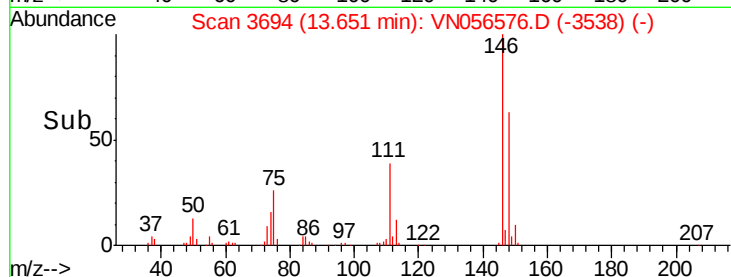
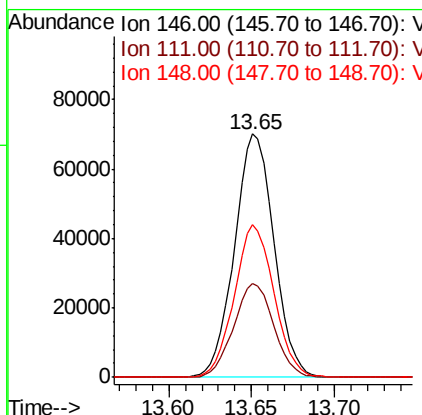
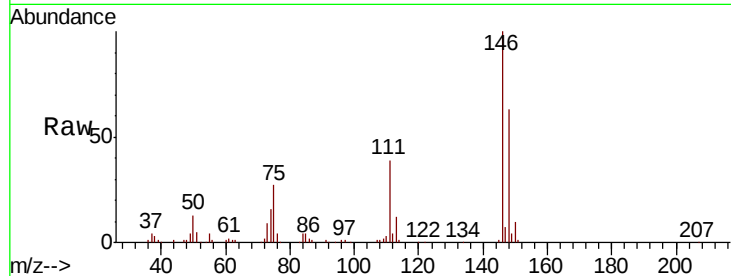




#87
 1,2-Dichlorobenzene
 Concen: 20.464 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

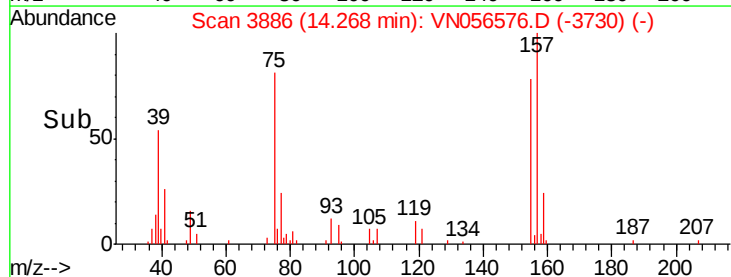
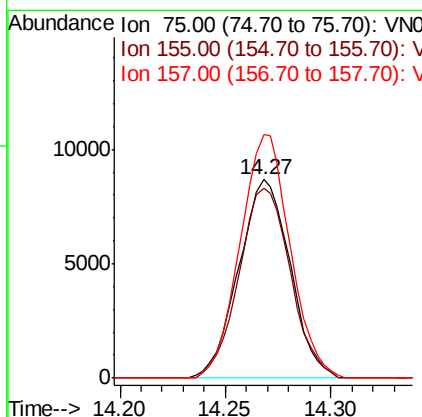
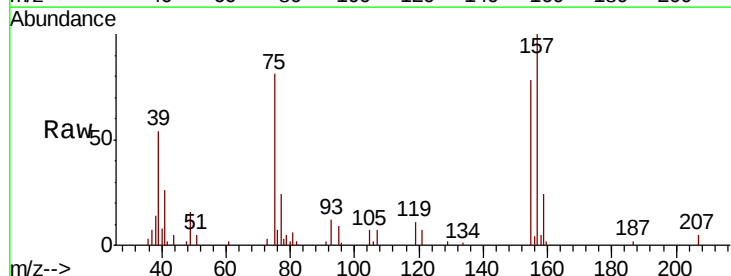
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

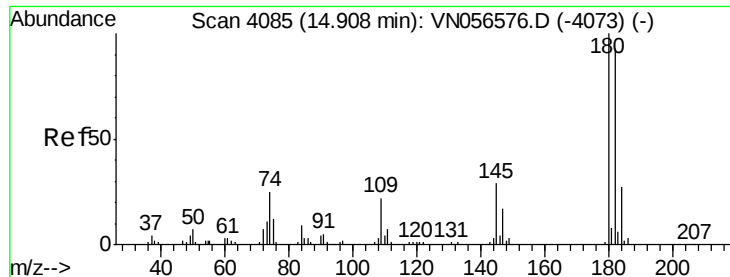
Tgt Ion:146 Resp: 116288
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.9
 148 62.8 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 23.013 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056576.D
 Acq: 3 Jul 2019 9:33

Tgt Ion: 75 Resp: 14719
 Ion Ratio Lower Upper
 75 100
 155 95.6 82.5 123.7
 157 119.3 105.1 157.7

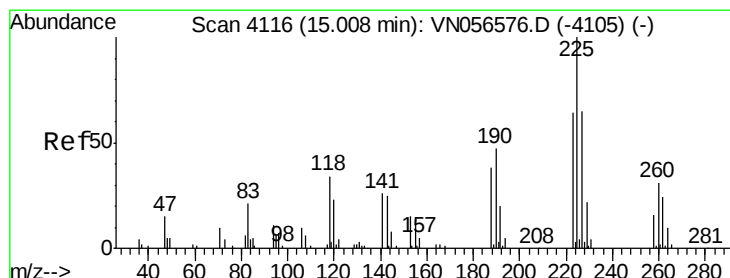
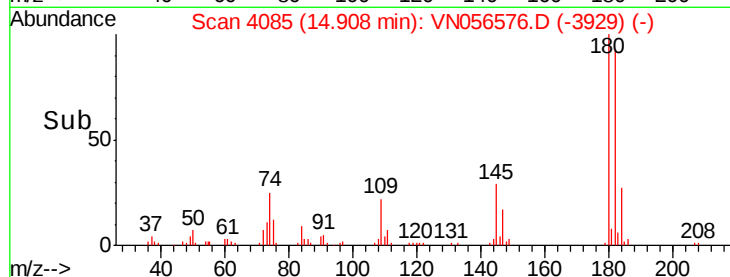
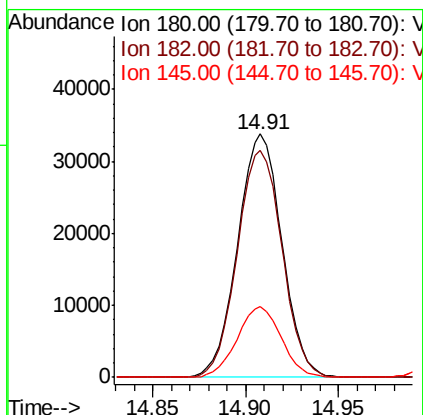
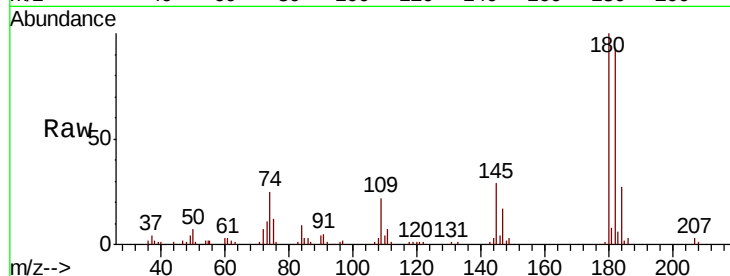




#89
1,2,4-Trichlorobenzene
Concen: 20.267 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

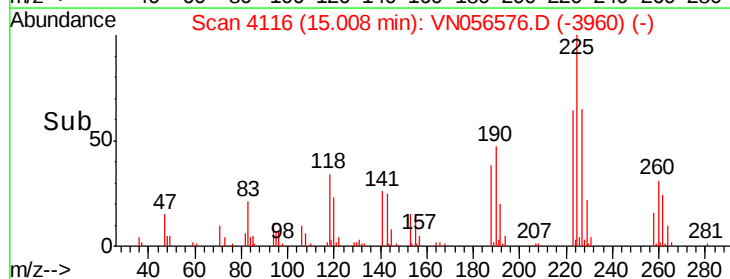
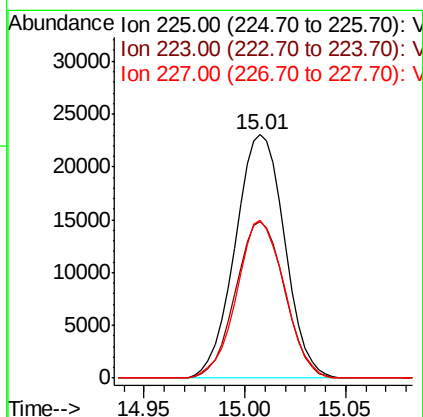
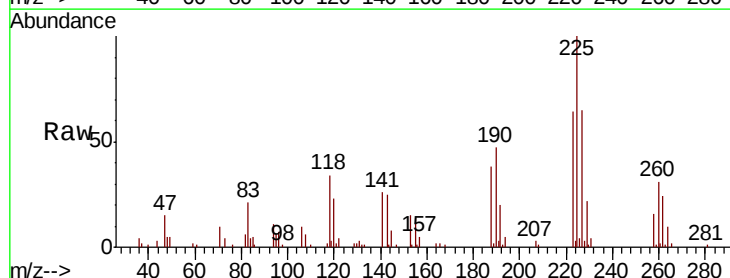
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

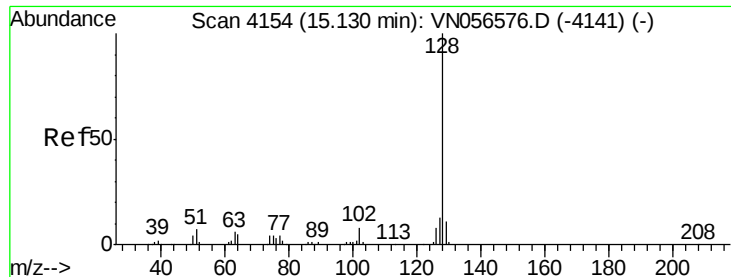
Tgt Ion:180 Resp: 56175
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.6
145 28.8 22.1 33.1



#90
Hexachlorobutadiene
Concen: 19.070 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion:225 Resp: 39559
Ion Ratio Lower Upper
225 100
223 63.6 0.0 125.6
227 62.6 0.0 128.6

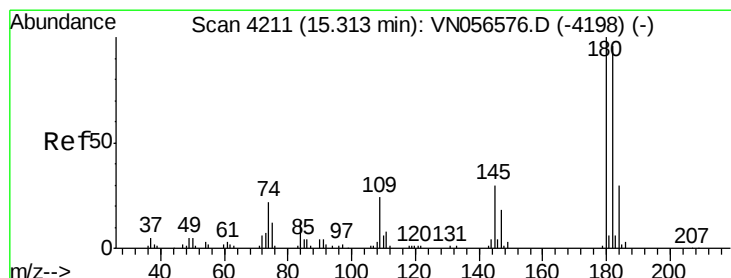
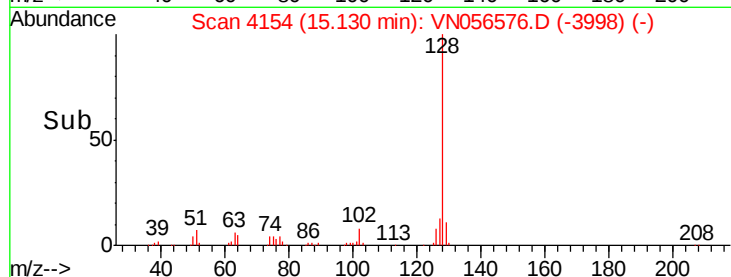
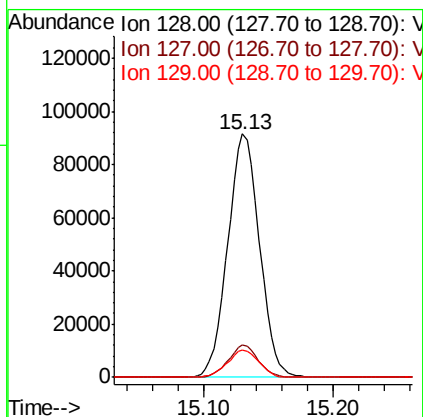
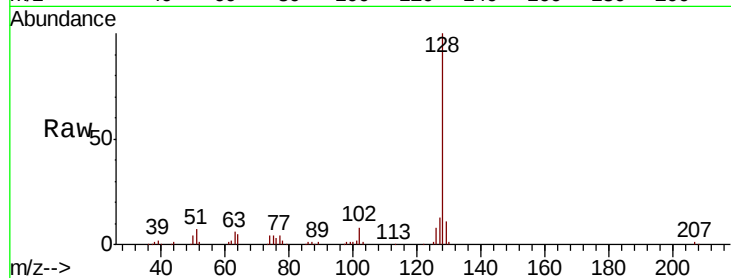




#91
Naphthalene
Concen: 20.784 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 156855
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 11.1 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.525 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056576.D
Acq: 3 Jul 2019 9:33

Tgt Ion:180 Resp: 61051
Ion Ratio Lower Upper
180 100
182 94.6 0.0 193.4
145 30.6 0.0 59.8

