

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090919\
 Data File : VN057787.D
 Acq On : 9 Sep 2019 8:51
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 09 11:51:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 11:48:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	68200	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	401111	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	362248	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	186211	30.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.90%
60) 4-Bromofluorobenzene	12.40	95	175358	28.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.30%
63) Toluene-d8	10.08	98	526955	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	20539	4.985	ug/l 100
3) Chloromethane	2.03	50	28969	5.638	ug/l 100
4) Vinyl Chloride	2.16	62	28212	5.367	ug/l 94
5) Bromomethane	2.54	94	19100	5.795	ug/l 99
6) Chloroethane	2.68	64	18515	5.667	ug/l 95
7) Trichlorofluoromethane	2.99	101	29780	4.903	ug/l 95
8) Diethyl Ether	3.39	74	12270	5.008	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	20472	5.398	ug/l 95
10) 1,1-Dichloroethene	3.71	96	19812	5.494	ug/l 85
11) Methyl Iodide	3.92	142	23281	4.825	ug/l 97
12) Methyl Acetate	4.30	43	25535	5.153	ug/l 100
13) Acrolein	3.58	56	4071	15.161	ug/l # 1
14) Acrylonitrile	4.96	53	48812	24.195	ug/l 97
15) Acetone	3.80	58	14847	25.922	ug/l 82
16) Carbon Disulfide	4.02	76	43138	5.137	ug/l 97
17) Allyl chloride	4.29	41	32557	4.927	ug/l 98
18) Methylene Chloride	4.52	84	10917	2.402	ug/l 95
19) trans-1,2-Dichloroethene	5.02	96	22379	5.568	ug/l 93
20) Diisopropyl ether	5.93	45	79116	5.121	ug/l 99
21) 1,1-Dichloroethane	5.82	63	44478	5.222	ug/l # 94
22) cis-1,2-Dichloroethene	6.81	96	25966	5.273	ug/l # 90
23) tert-Butyl Alcohol	4.76	59	10222	15.520	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	72414	5.240	ug/l # 100
25) Chloroform	7.35	83	46899	5.408	ug/l 100
26) Cyclohexane	7.63	56	37932	5.300	ug/l 97
29) 1,1-Dichloropropene	7.77	75	32648	5.174	ug/l 86
30) 2-Butanone	6.82	43	69432	24.404	ug/l # 76
31) 2,2-Dichloropropane	6.80	77	33968	5.099	ug/l # 78
32) 1,1,1-Trichloroethane	7.55	97	36263	5.111	ug/l 97
33) Carbon Tetrachloride	7.55	117	4583	0.792	ug/l 86
34) Benzene	8.02	78	100043	5.351	ug/l # 66
35) Methacrylonitrile	7.15	41	10164	3.921	ug/l 98
36) 1,2-Dichloroethane	8.11	62	38906	5.362	ug/l 99
37) Trichloroethene	8.82	130	23932	5.270	ug/l 91
38) Methylcyclohexane	9.07	83	37198	5.177	ug/l 98
39) 1,2-Dichloropropane	9.11	63	28882	5.501	ug/l 100
40) Dibromomethane	9.20	93	16302	5.105	ug/l 94

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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 09 11:51:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 11:48:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	31302	4.862	ug/l	95
42) Vinyl Acetate	5.87	43	289239	25.280	ug/l	99
43) Ethyl Acetate	6.91	43	25612	4.364	ug/l #	94
44) Isopropyl Acetate	8.15	43	49156	4.837	ug/l #	93
45) 1,4-Dioxane	9.19	88	8471	106.513	ug/l	89
46) Methyl methacrylate	9.19	41	24582	4.972	ug/l	98
47) n-amyl Acetate	12.07	43	36829	3.963	ug/l	93
48) t-1,3-Dichloropropene	10.38	75	29262	4.269	ug/l	96
49) cis-1,3-Dichloropropene	9.83	75	36521	4.749	ug/l	93
50) 1,1,2-Trichloroethane	10.56	97	23876	5.154	ug/l	96
51) Ethyl methacrylate	10.43	69	32994	4.594	ug/l	98
52) 1,3-Dichloropropane	10.70	76	40759	5.031	ug/l	97
53) Dibromochloromethane	10.90	129	20304	4.438	ug/l	100
54) 1,2-Dibromoethane	11.00	107	23260	5.047	ug/l	97
55) 2-Chloroethyl vinyl ether	9.69	63	77477	22.700	ug/l	97
56) Bromoform	12.13	173	10706	3.778	ug/l	90
58) 4-Methyl-2-Pentanone	9.98	43	142722	25.406	ug/l	99
59) 2-Hexanone	10.75	43	104828	24.866	ug/l	99
61) Tetrachloroethene	10.63	164	19560	5.311	ug/l	94
62) Toluene	10.15	91	108872	5.428	ug/l	98
64) Chlorobenzene	11.43	112	64758	5.204	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	20293	4.697	ug/l	98
66) Ethyl Benzene	11.51	91	115364	5.272	ug/l	97
67) m/p-Xylenes	11.62	106	84269	11.149	ug/l	99
68) o-Xylene	11.95	106	40488	4.946	ug/l	100
69) Styrene	11.96	104	66299	4.751	ug/l	99
70) Isopropylbenzene	12.25	105	111973	5.174	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.51	83	32052	4.739	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	38399	6.488	ug/l	77
73) Bromobenzene	12.53	156	26200	5.057	ug/l	93
74) n-propylbenzene	12.59	91	130523	5.279	ug/l	99
75) 2-Chlorotoluene	12.68	91	78284	5.083	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	92010	4.993	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	5965	3.350	ug/l	94
78) 4-Chlorotoluene	12.78	91	75934	4.834	ug/l	98
79) tert-butylbenzene	13.00	119	77204	4.802	ug/l	96
80) 1,2,4-Trimethylbenzene	13.04	105	90914	4.952	ug/l	100
81) sec-Butylbenzene	13.17	105	109881	5.152	ug/l	98
82) p-Isopropyltoluene	13.29	119	93713	4.906	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	45974	4.774	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	44860	4.732	ug/l	98
85) n-Butylbenzene	13.62	91	85249	4.789	ug/l	99
86) Hexachloroethane	13.88	117	13130	4.315	ug/l	95
87) 1,2-Dichlorobenzene	13.66	146	45297	4.846	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	4985	4.186	ug/l	88
89) 1,2,4-Trichlorobenzene	14.91	180	25113	4.398	ug/l	98
90) Hexachlorobutadiene	15.01	225	11934	4.551	ug/l	92
91) Naphthalene	15.13	128	65052	4.140	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	23709	4.354	ug/l	99

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Acq On : 9 Sep 2019 8:51
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 09 11:51:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 11:48:16 2019
Response via : Initial Calibration

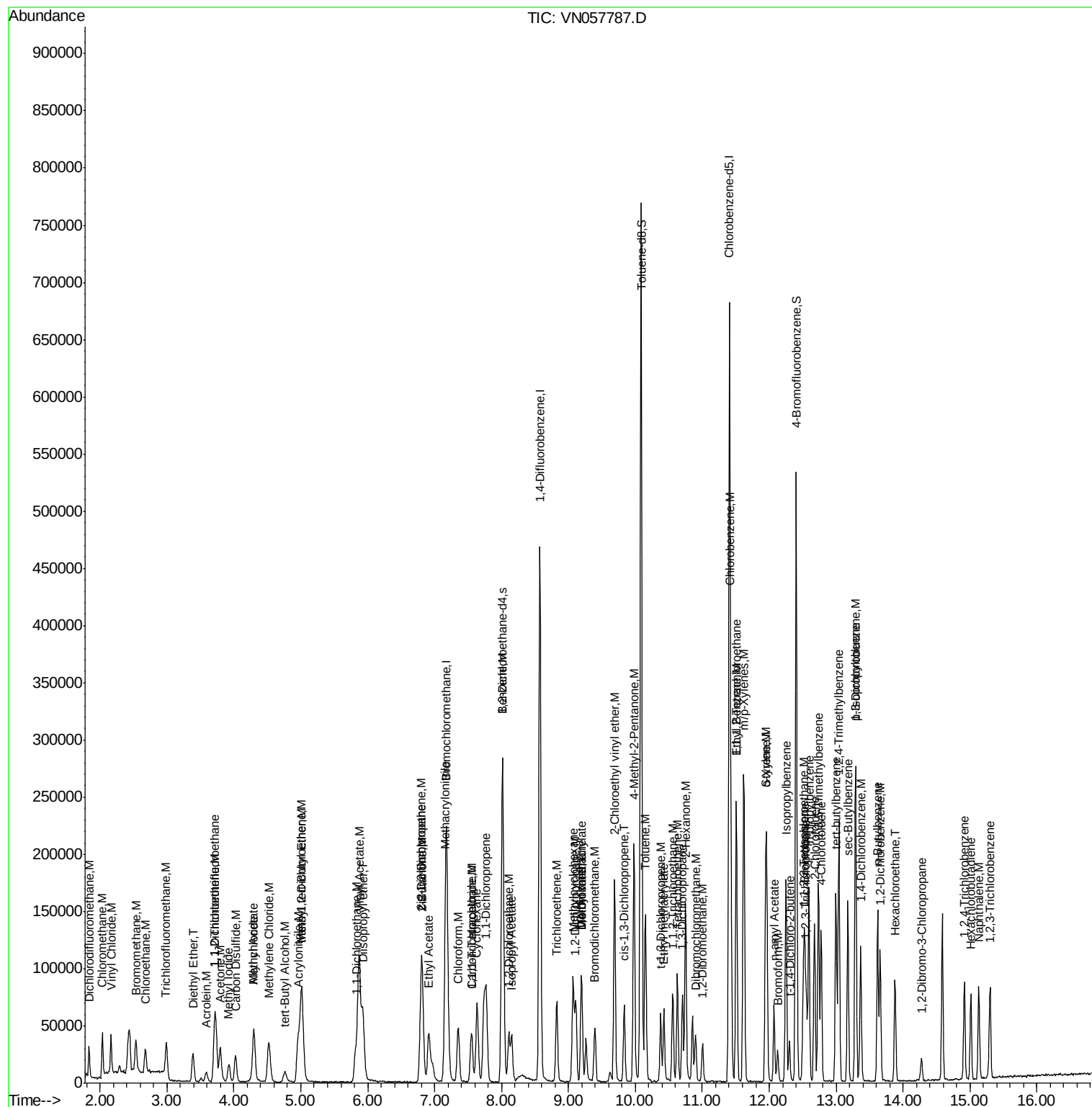
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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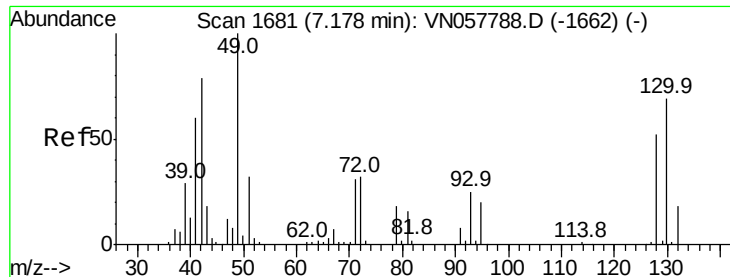
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090919\
Data File : VN057787.D
Acq On : 9 Sep 2019 8:51
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Sep 09 11:51:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 11:48:16 2019
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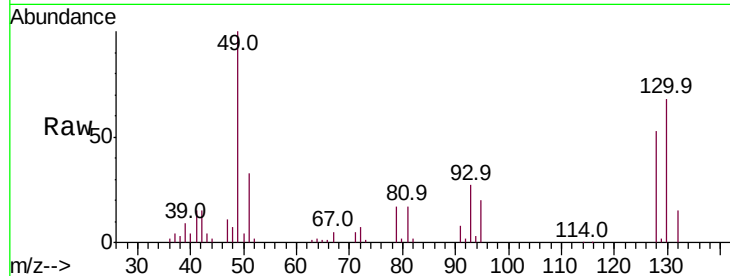




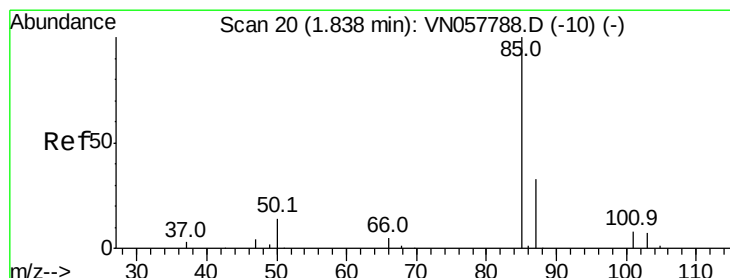
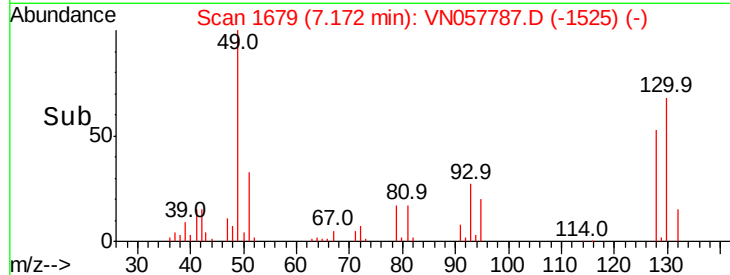
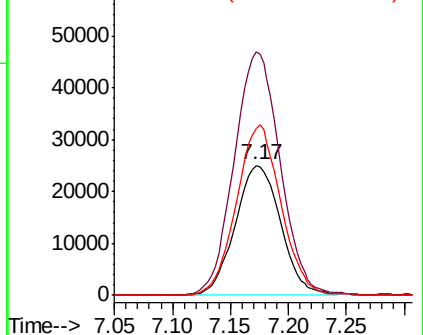
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 68200
Ion Ratio Lower Upper
128 100
49 190.1 0.0 486.5
130 128.2 0.0 324.5

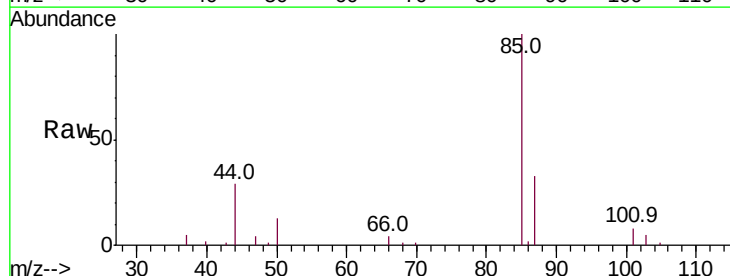


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

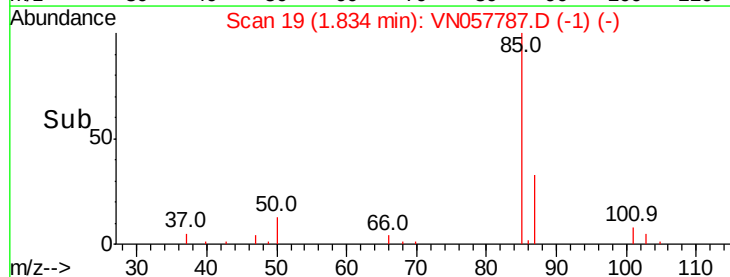
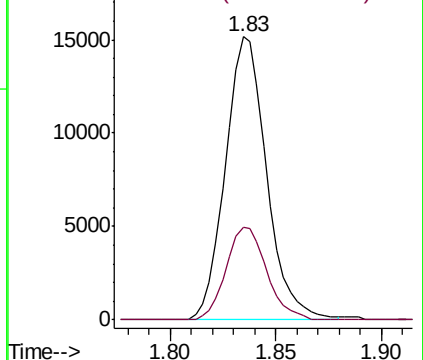


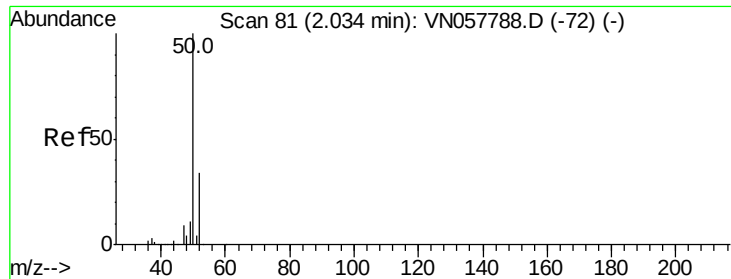
#2
Dichlorodifluoromethane
Concen: 4.985 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 85 Resp: 20539
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.4



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





#3

Chloromethane

Concen: 5.638 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

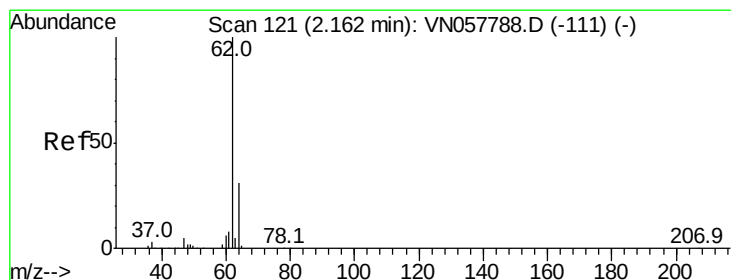
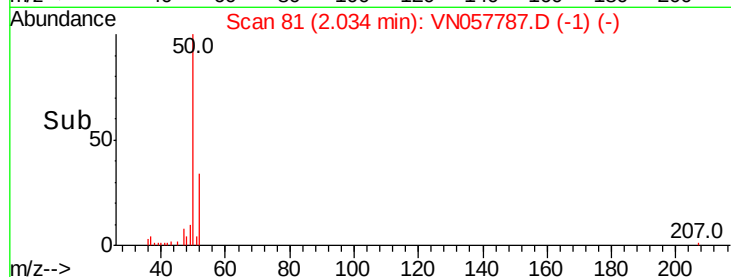
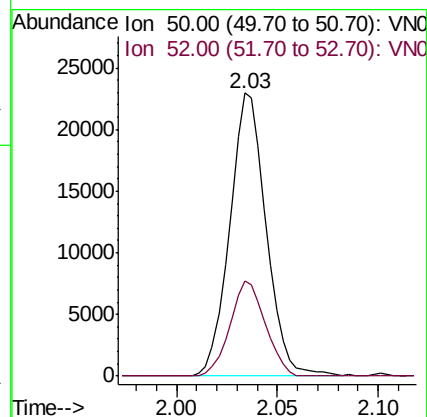
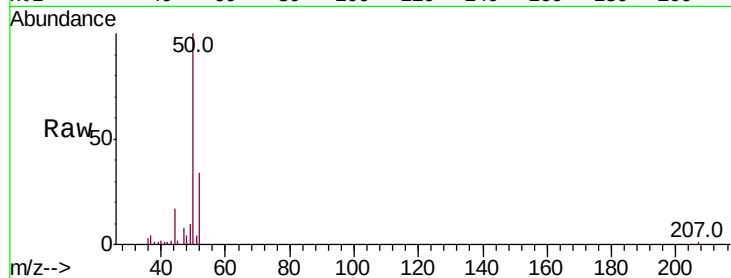
VSTDIC005

Tot Ion: 50 Resp: 28969

Ion Ratio Lower Upper

50 100

52 33.7 26.9 40.3



#4

Vinyl Chloride

Concen: 5.367 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057787.D

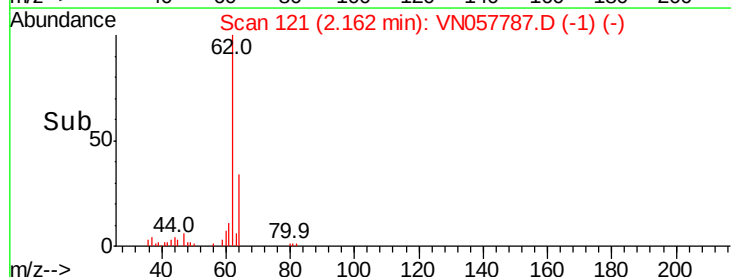
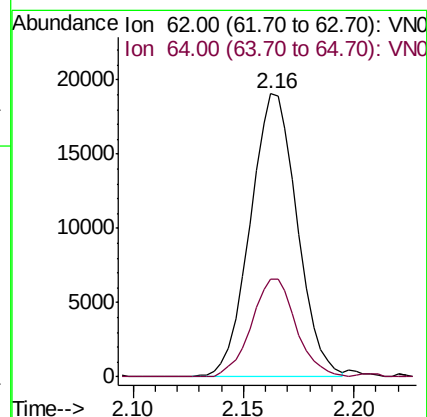
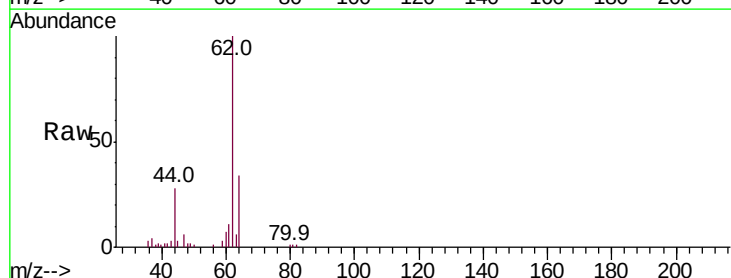
Acq: 9 Sep 2019 8:51

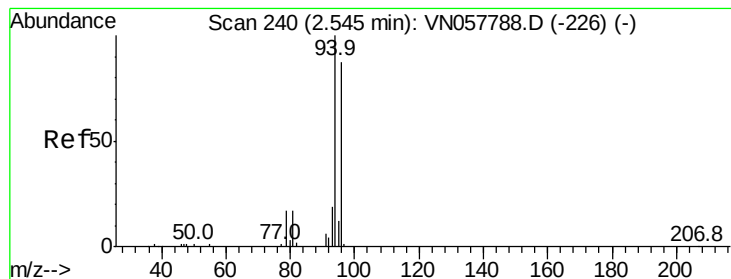
Tgt Ion: 62 Resp: 28212

Ion Ratio Lower Upper

62 100

64 34.4 25.0 37.6





#5

Bromomethane

Concen: 5.795 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

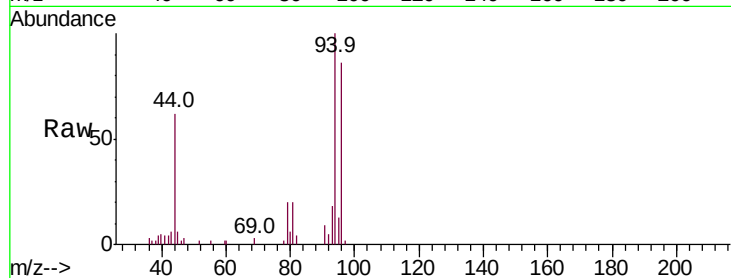
VSTDIC005

Tot Ion: 94 Resp: 19100

Ion Ratio Lower Upper

94 100

96 85.6 69.2 103.8



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.54

10000

8000

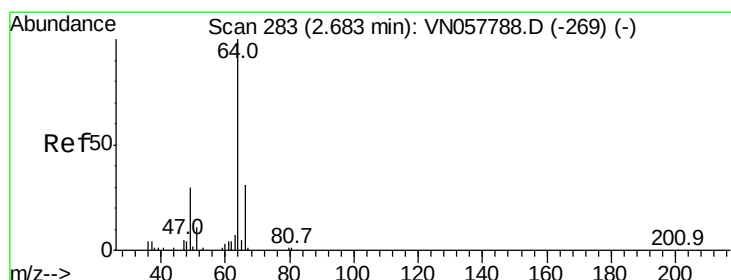
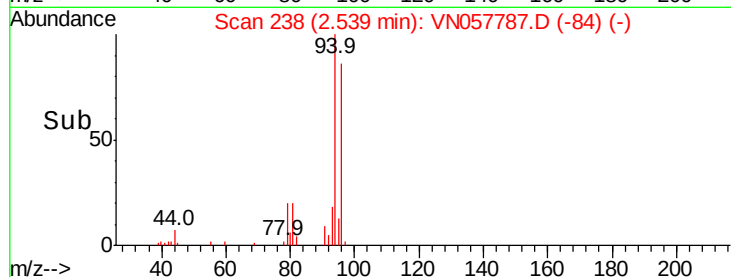
6000

4000

2000

0

Time--> 2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 5.667 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN057787.D

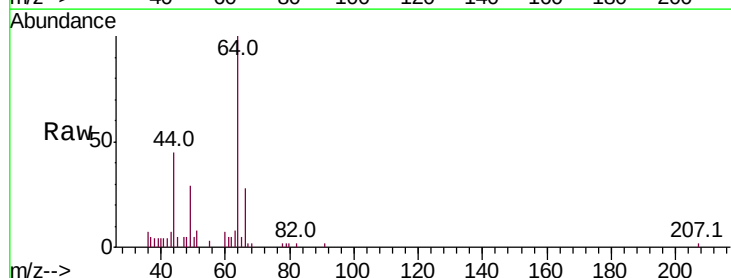
Acq: 9 Sep 2019 8:51

Tgt Ion: 64 Resp: 18515

Ion Ratio Lower Upper

64 100

66 27.9 24.4 36.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.68

10000

8000

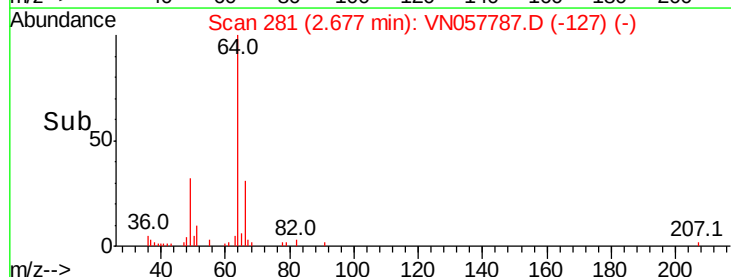
6000

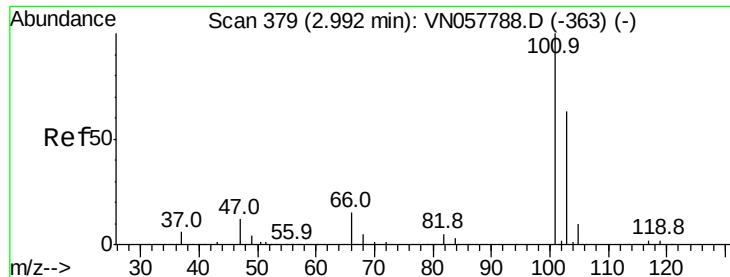
4000

2000

0

Time--> 2.60 2.65 2.70 2.75



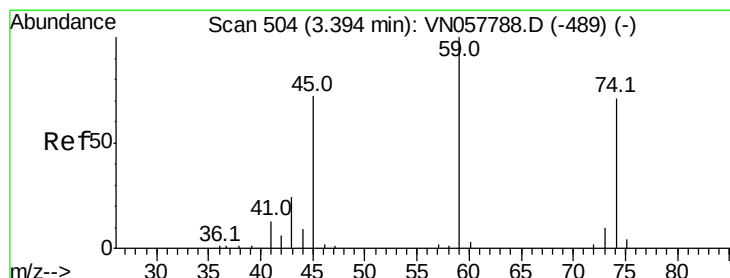
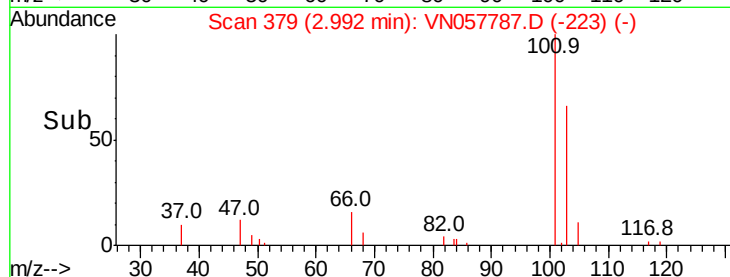
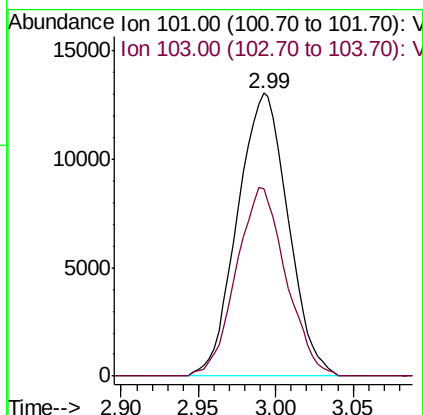
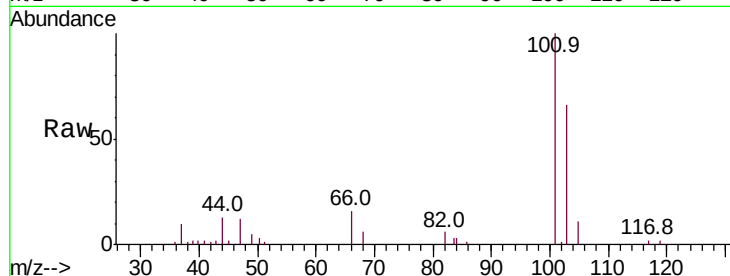


#7

Trichlorofluoromethane
 Concen: 4.903 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

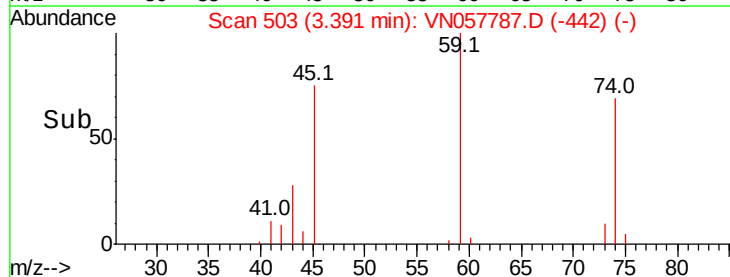
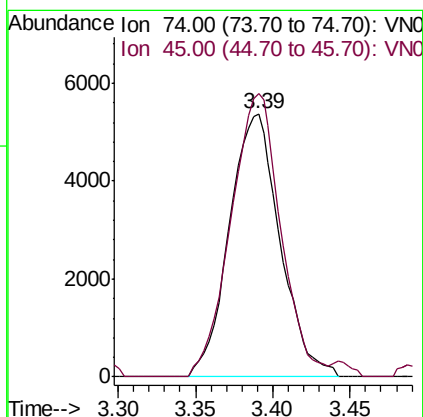
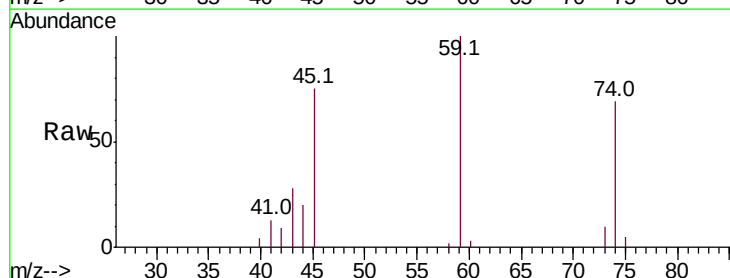
Tot Ion:101 Resp: 29780
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.2 75.2

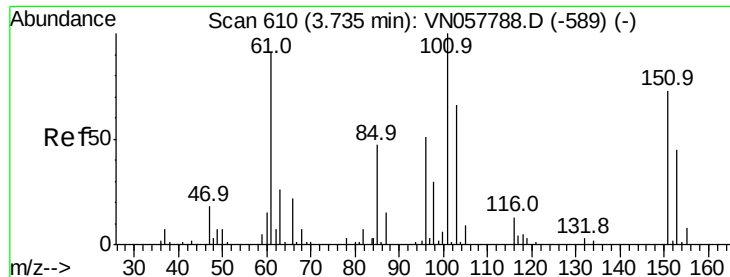


#8

Diethyl Ether
 Concen: 5.008 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion: 74 Resp: 12270
 Ion Ratio Lower Upper
 74 100
 45 105.7 20.3 182.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.398 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

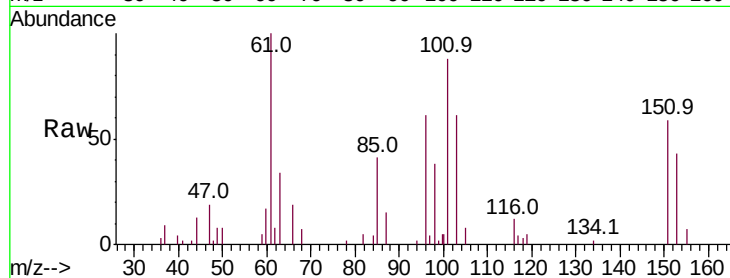
Tot Ion:101 Resp: 20472

Ion Ratio Lower Upper

101 100

85 50.3 0.0 94.0

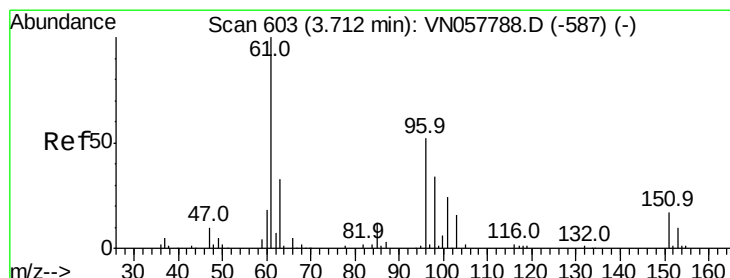
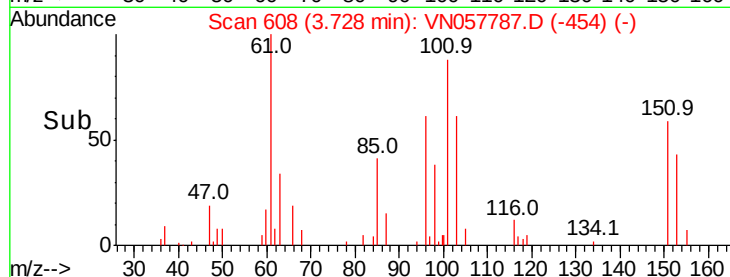
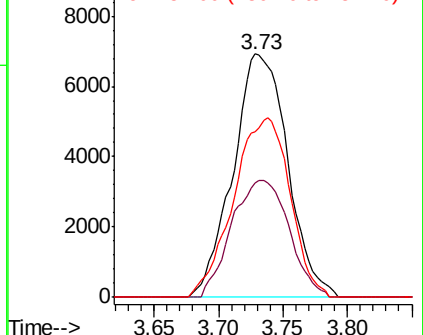
151 76.1 0.0 144.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.494 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

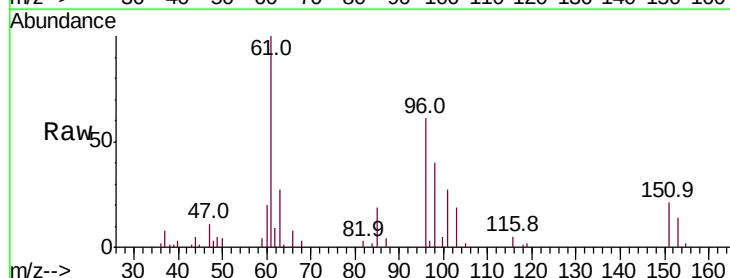
Tgt Ion: 96 Resp: 19812

Ion Ratio Lower Upper

96 100

61 162.0 153.4 230.0

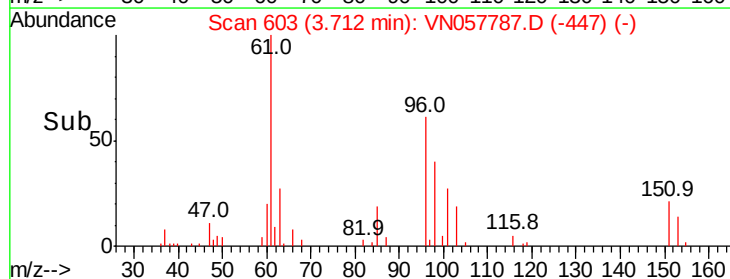
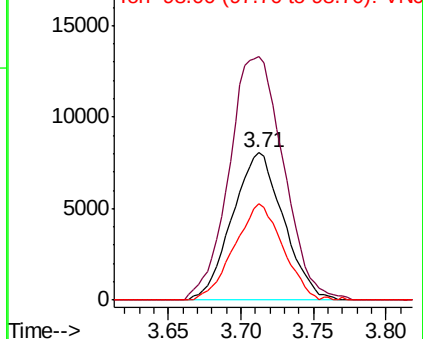
98 65.6 51.5 77.3

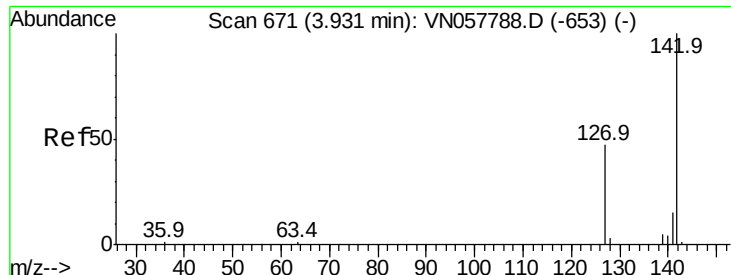


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

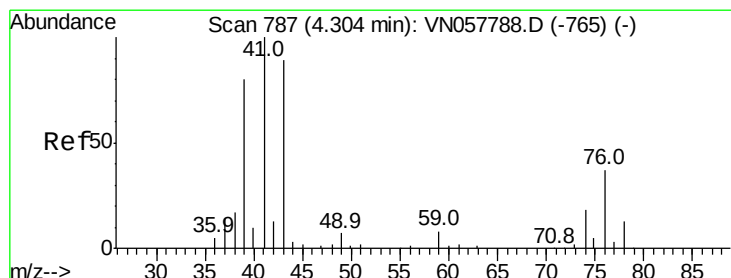
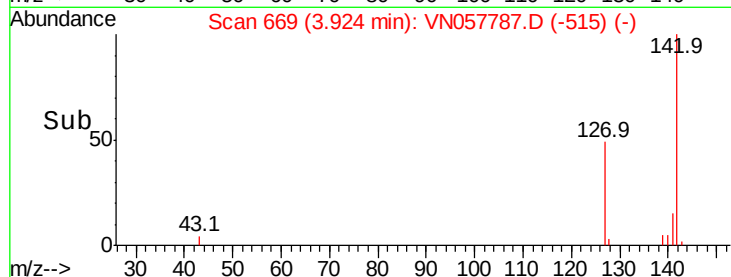
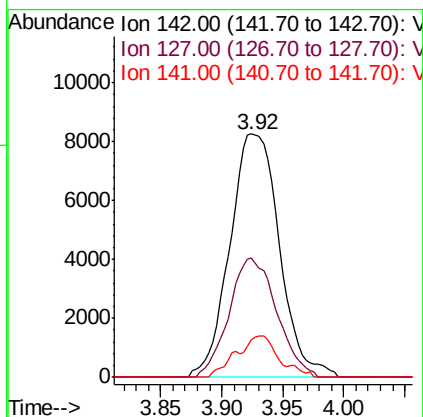
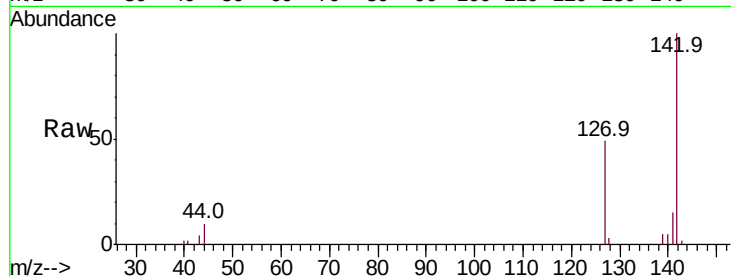




#11
Methvl Iodide
Concen: 4.825 ug/l
RT: 3.92 min Scan# 669
Delta R.T. -0.01 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

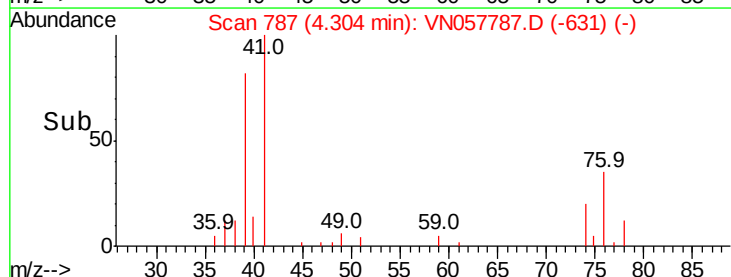
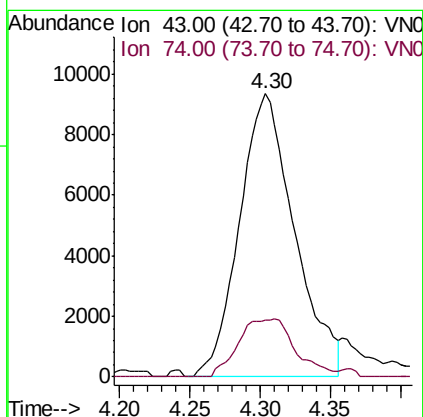
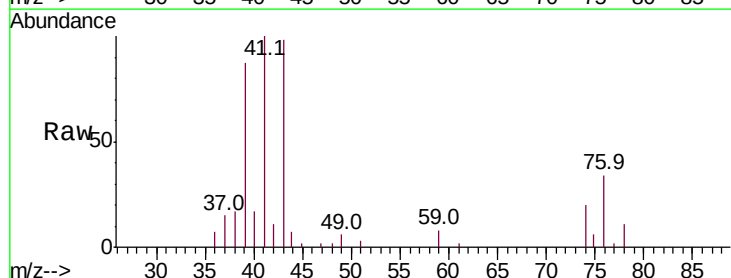
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

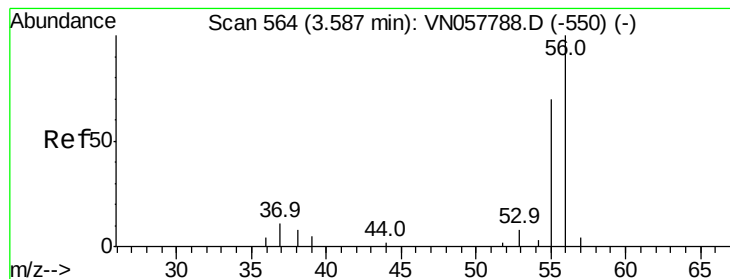
Tot Ion:142 Resp: 23281
Ion Ratio Lower Upper
142 100
127 49.0 23.3 69.8
141 15.2 7.5 22.6



#12
Methyl Acetate
Concen: 5.153 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 43 Resp: 25535
Ion Ratio Lower Upper
43 100
74 20.4 16.2 24.4





#13

Acrolein

Concen: 15.161 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

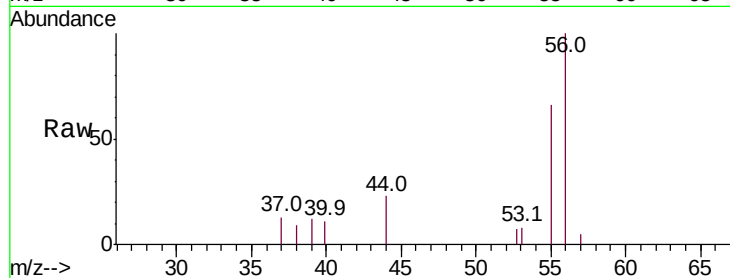
VSTDIC005

Tot Ion: 56 Resp: 4071

Ion Ratio Lower Upper

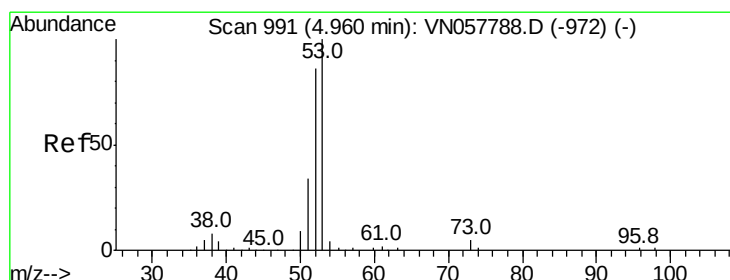
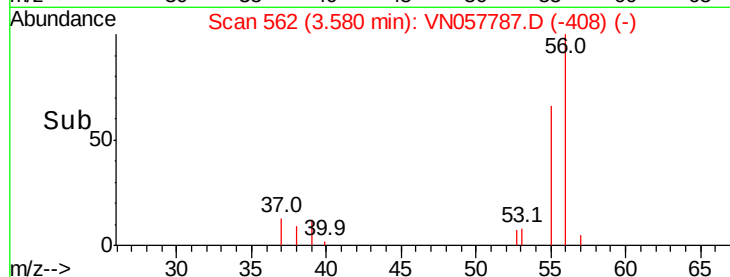
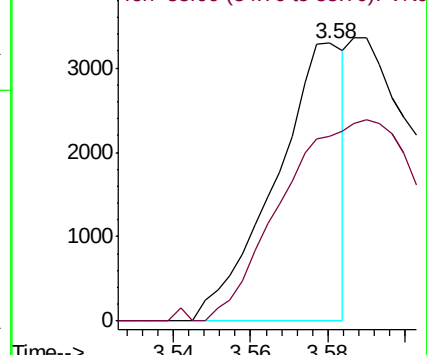
56 100

55 159.3 59.0 88.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 24.195 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

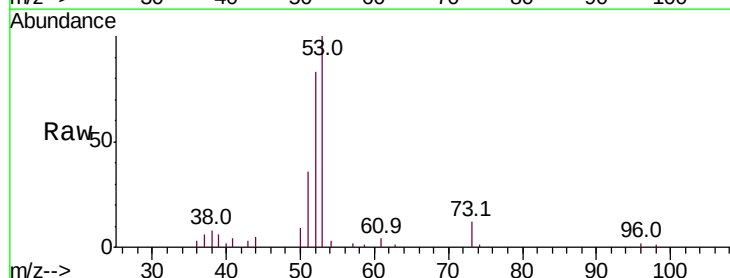
Tgt Ion: 53 Resp: 48812

Ion Ratio Lower Upper

53 100

52 82.9 41.0 123.0

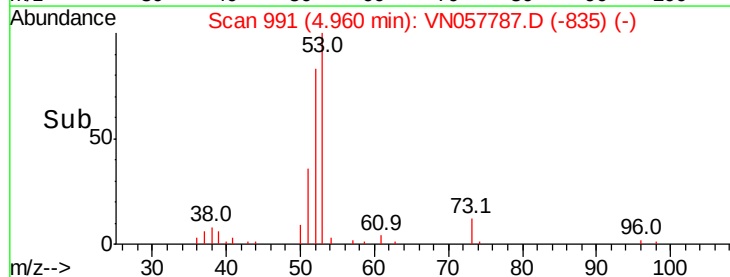
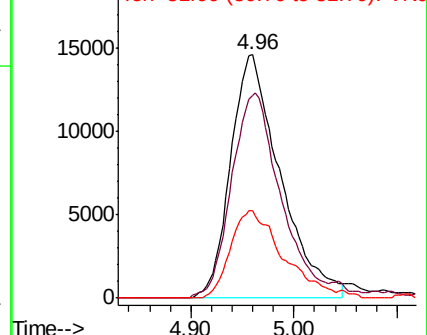
51 22.0 8.6 25.8

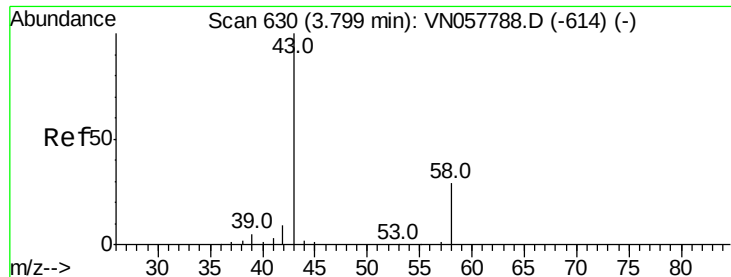


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 25.922 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

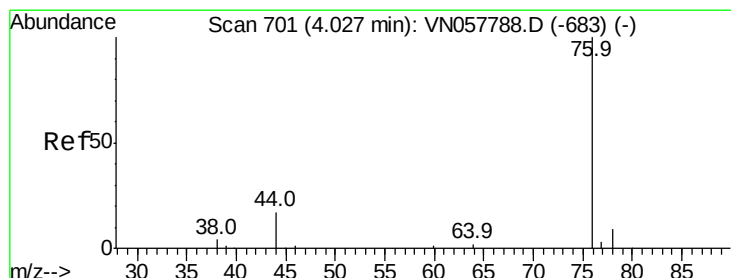
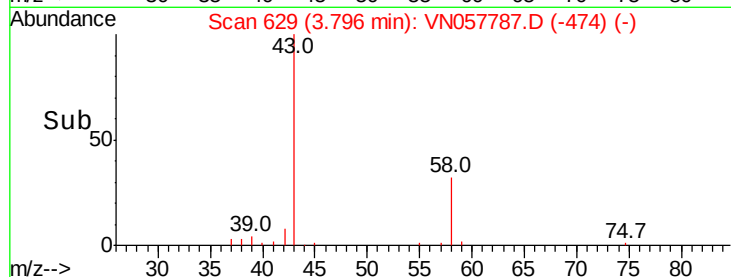
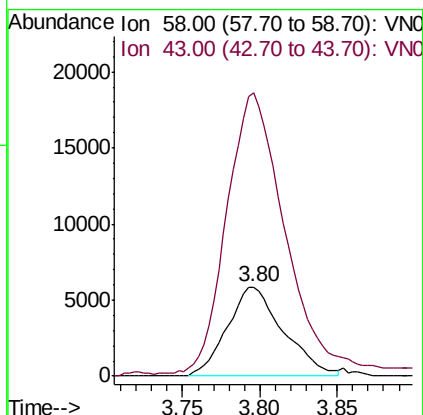
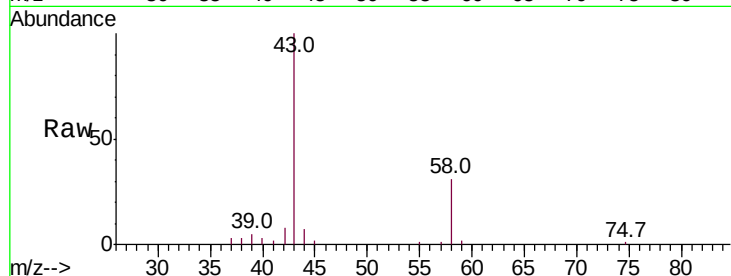
VSTDIC005

Tot Ion: 58 Resp: 14847

Ion Ratio Lower Upper

58 100

43 308.8 277.7 416.5



#16

Carbon Disulfide

Concen: 5.137 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN057787.D

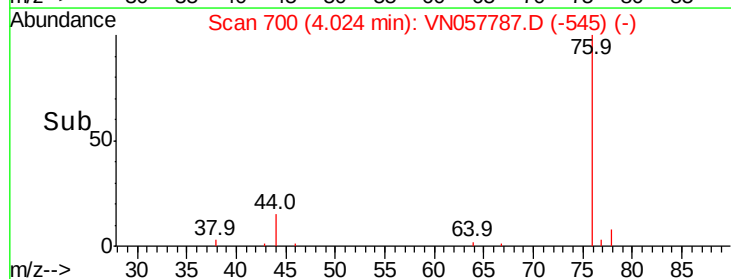
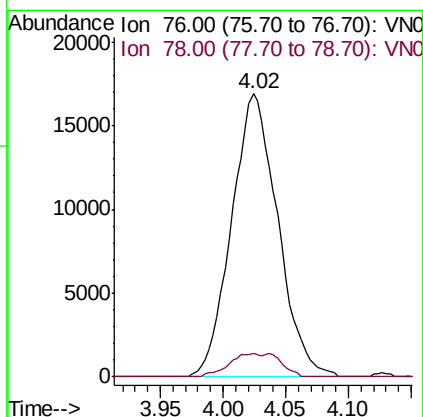
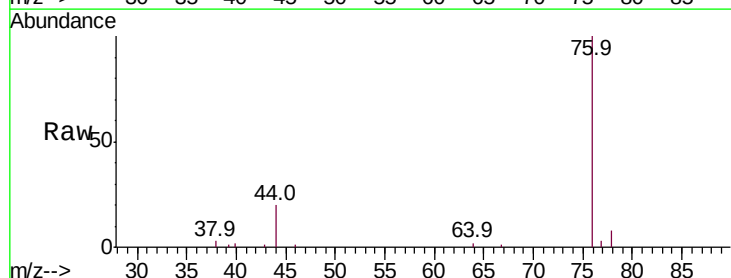
Acq: 9 Sep 2019 8:51

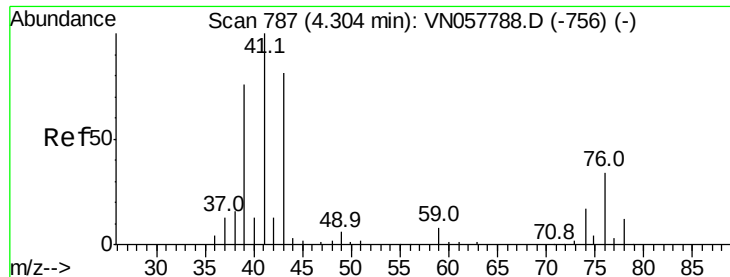
Tgt Ion: 76 Resp: 43138

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.0

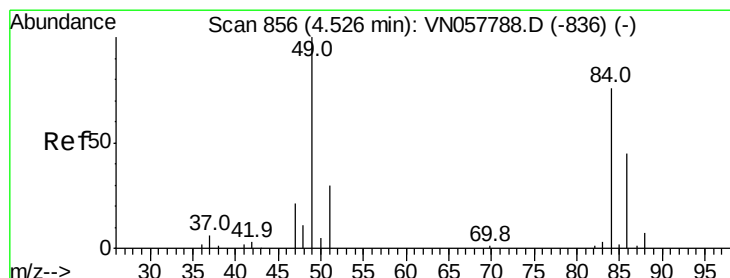
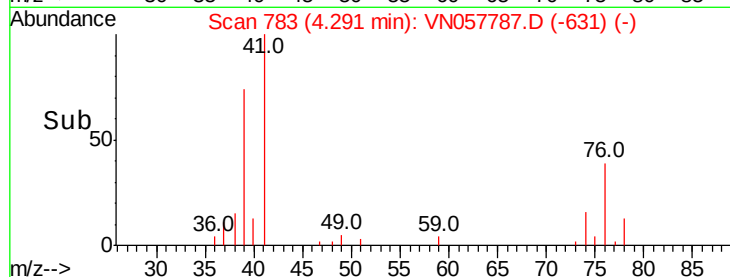
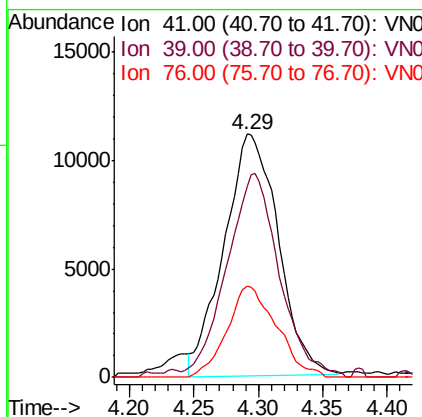
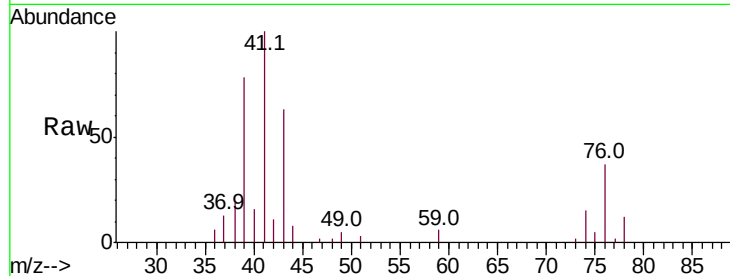




#17
Allvl chloride
Concen: 4.927 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.01 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

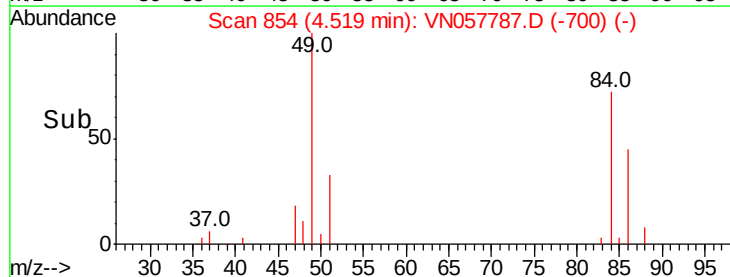
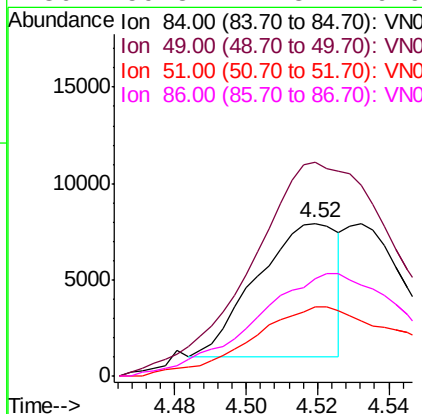
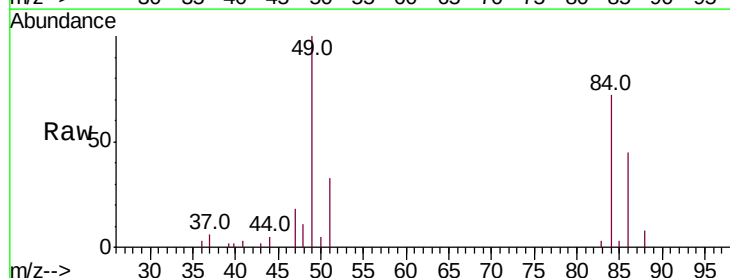
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

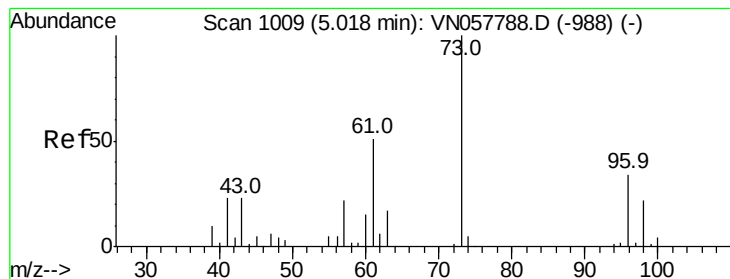
Tot Ion: 41 Resp: 32557
Ion Ratio Lower Upper
41 100
39 77.3 38.5 115.3
76 38.0 17.2 51.6



#18
Methylene Chloride
Concen: 2.402 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 84 Resp: 10917
Ion Ratio Lower Upper
84 100
49 137.7 105.4 158.2
51 45.4 31.3 46.9
86 59.8 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 5.568 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

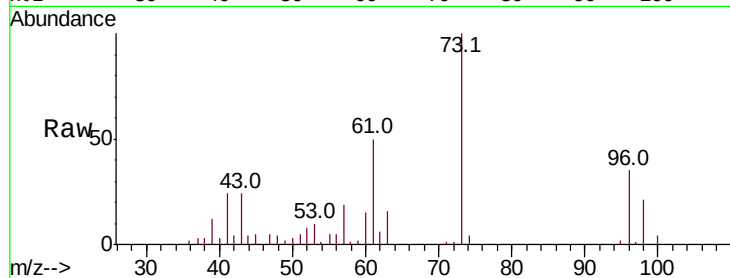
Tot Ion: 96 Resp: 22379

Ion Ratio Lower Upper

96 100

61 143.2 121.0 181.6

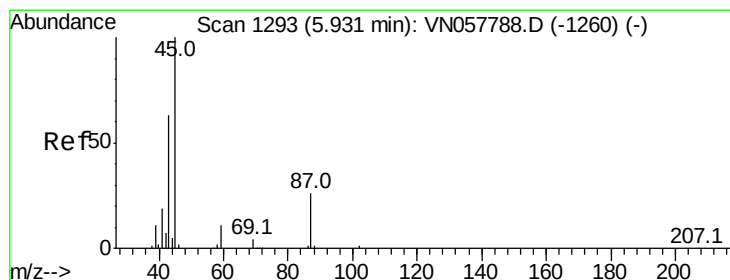
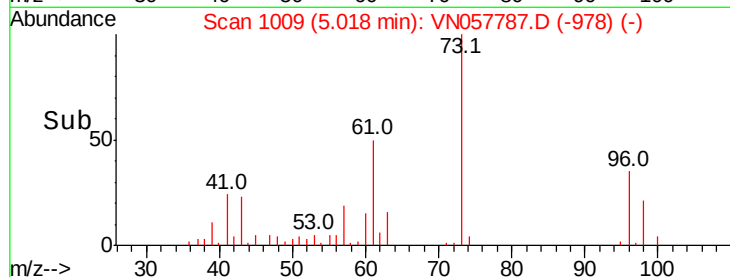
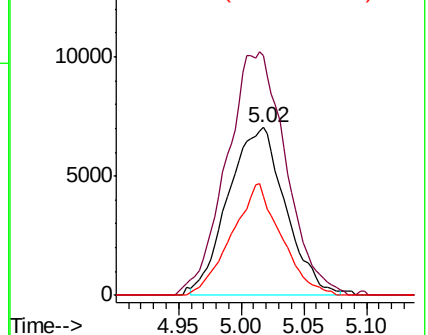
98 60.4 52.7 79.1



Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 5.121 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Tgt Ion: 45 Resp: 79116

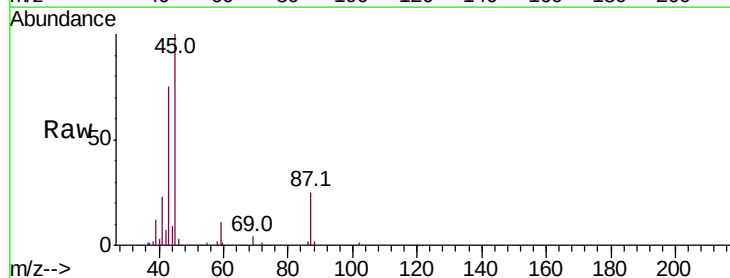
Ion Ratio Lower Upper

45 100

43 68.7 55.2 82.8

87 24.7 21.3 31.9

59 11.4 9.1 13.7

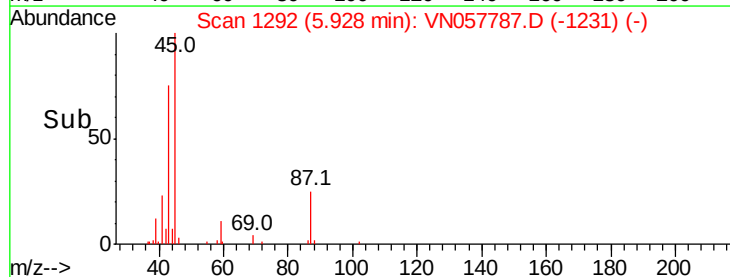
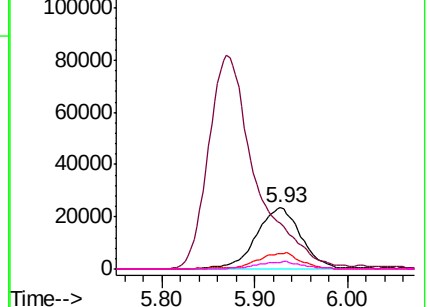


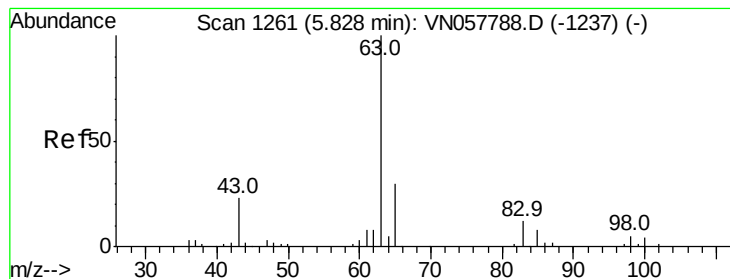
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 5.222 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

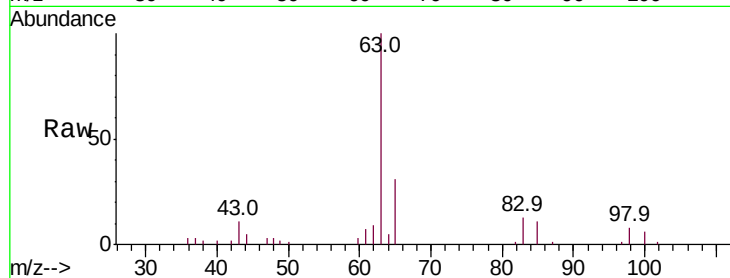
Tot Ion: 63 Resp: 44478

Ion Ratio Lower Upper

63 100

98 7.5 2.8 8.3

100 5.8 1.8 5.5#

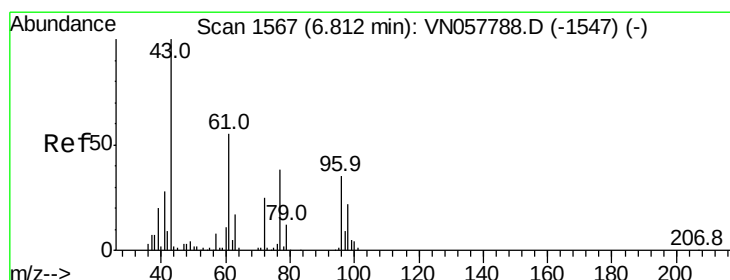
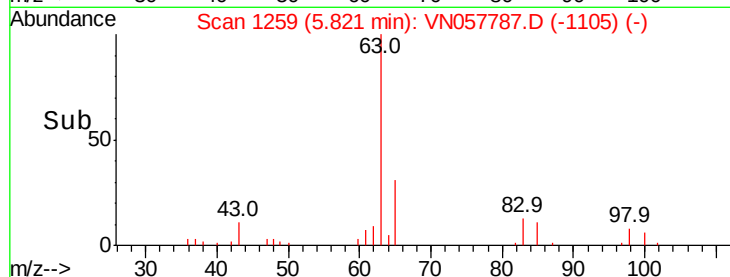


Abundance Ion 63.00 (62.70 to 63.70): VN057788.D (-1237) (-)

Ion 98.00 (97.70 to 98.70): VN057788.D (-1237) (-)

Ion 100.00 (99.70 to 100.70): VN057788.D (-1237) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 5.273 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

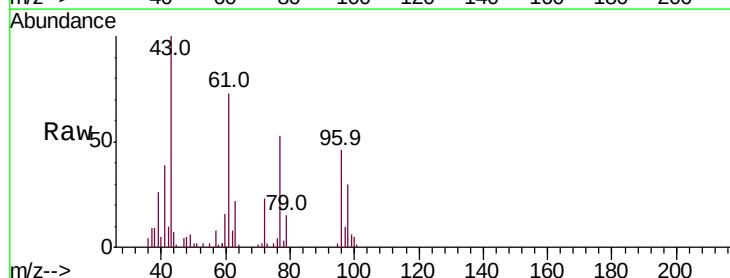
Tgt Ion: 96 Resp: 25966

Ion Ratio Lower Upper

96 100

61 159.2 127.4 191.0

98 36.5 51.5 77.3#

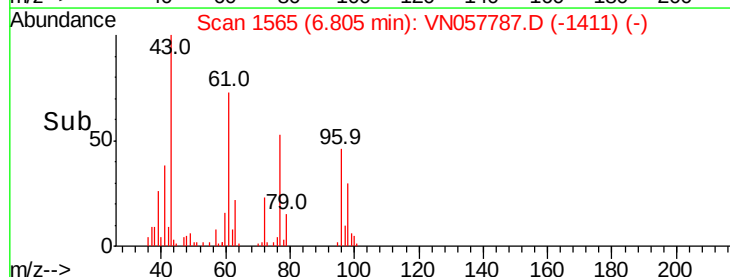


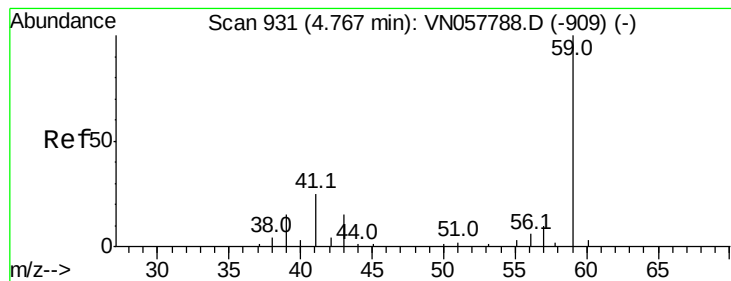
Abundance Ion 96.00 (95.70 to 96.70): VN057788.D (-1547) (-)

Ion 61.00 (60.70 to 61.70): VN057788.D (-1547) (-)

Ion 98.00 (97.70 to 98.70): VN057788.D (-1547) (-)

Time-->



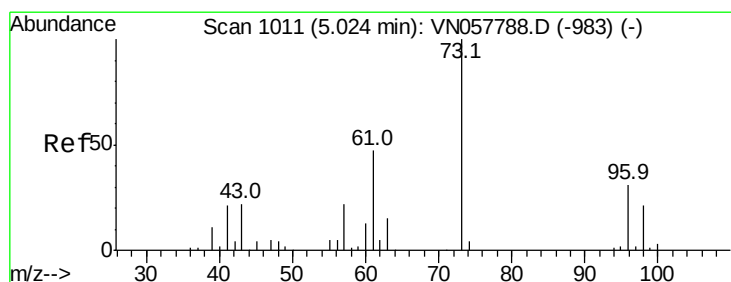
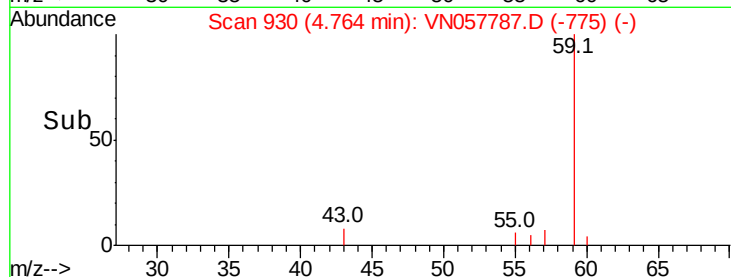
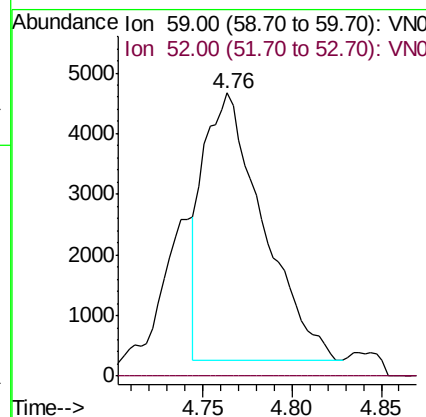
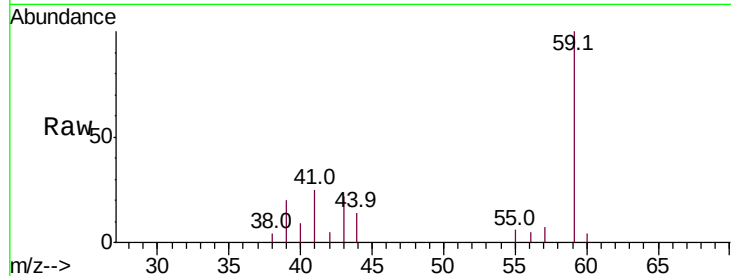


#23

tert-Butyl Alcohol
 Concen: 15.520 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

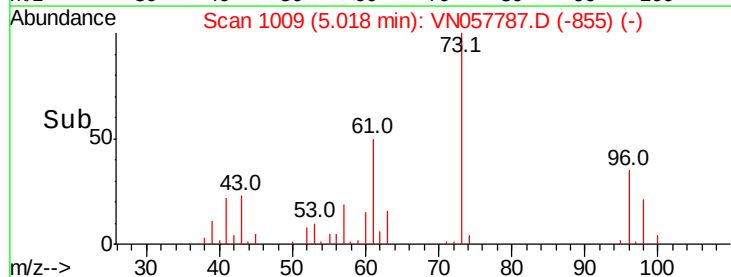
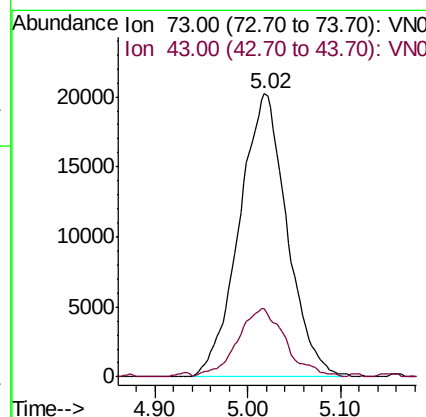
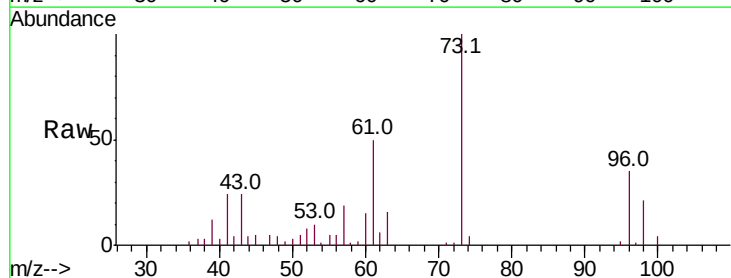
Tot Ion: 59 Resp: 10222
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

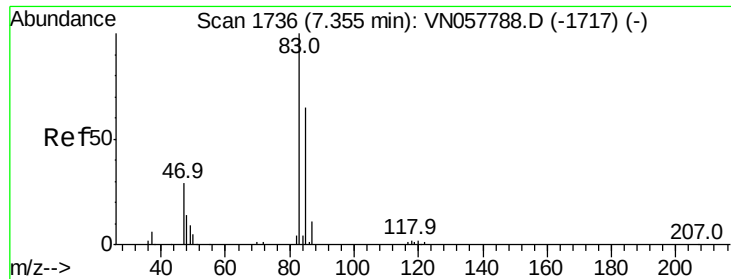


#24

Methyl tert-Butyl Ether
 Concen: 5.240 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion: 73 Resp: 72414
 Ion Ratio Lower Upper
 73 100
 43 24.4 0.0 0.0#

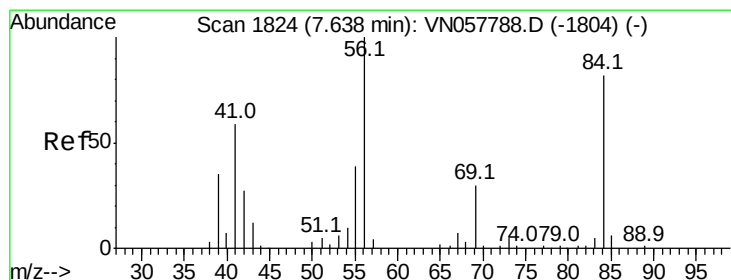
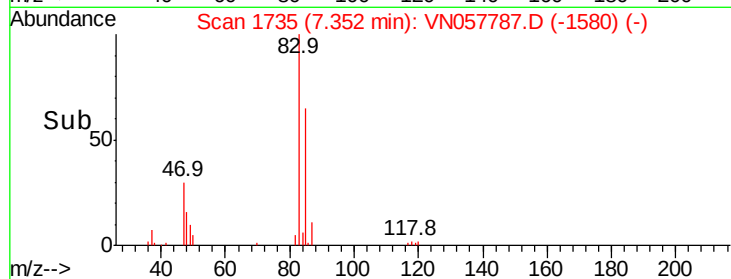
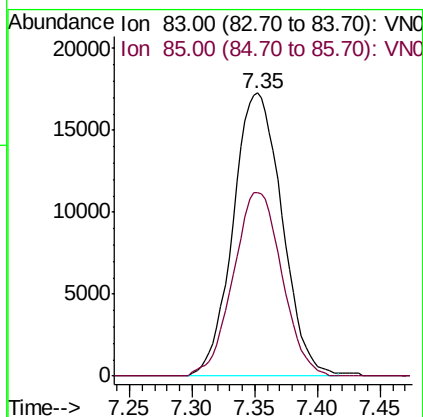
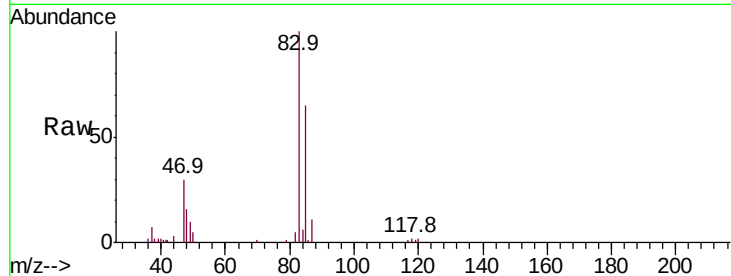




#25
Chloroform
Concen: 5.408 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

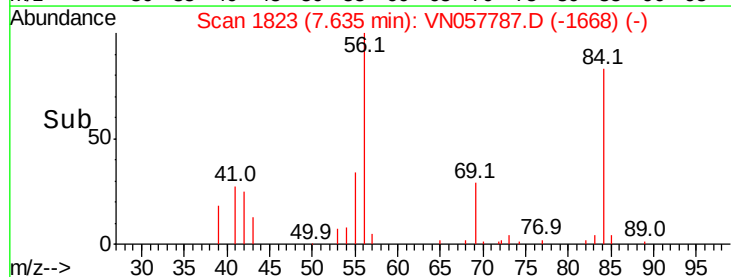
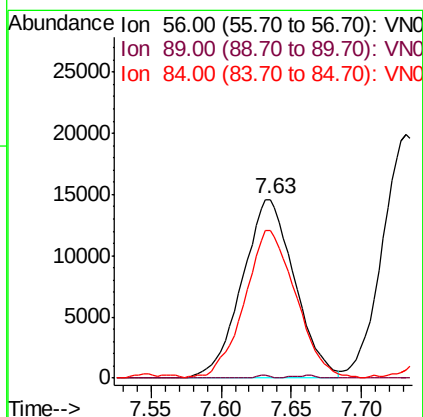
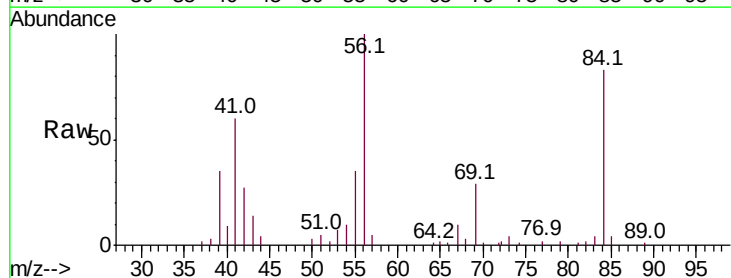
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

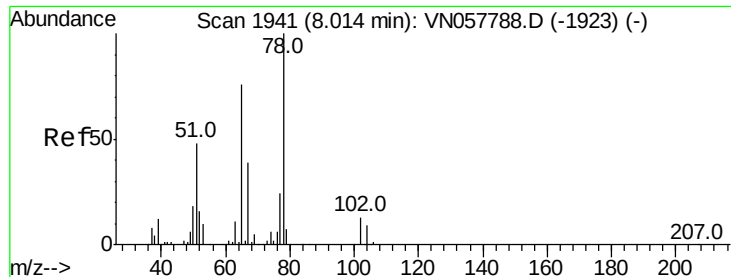
Tot Ion: 83 Resp: 46899
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6



#26
Cyclohexane
Concen: 5.300 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 56 Resp: 37932
Ion Ratio Lower Upper
56 100
89 0.4 0.3 0.5
84 80.8 66.6 100.0





#27

1,2-Dichloroethane-d4

Concen: 30.867 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

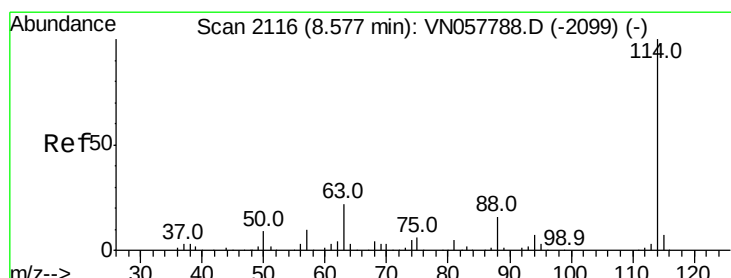
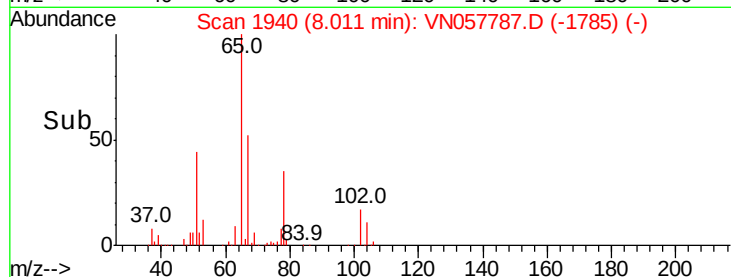
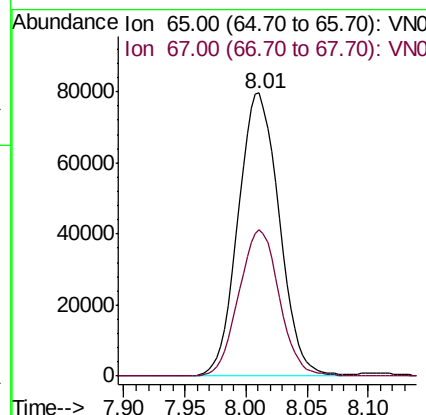
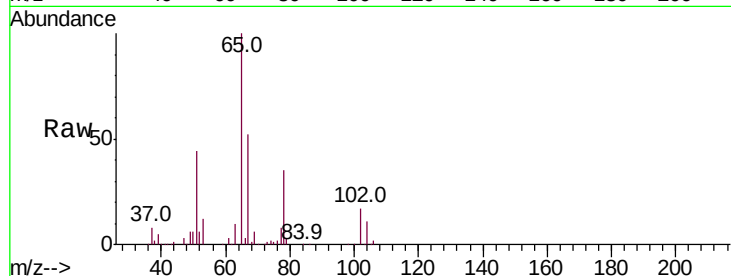
Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 65 Resp: 186211

Ion	Ratio	Lower	Upper
65	100		
67	51.0	40.9	61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2115

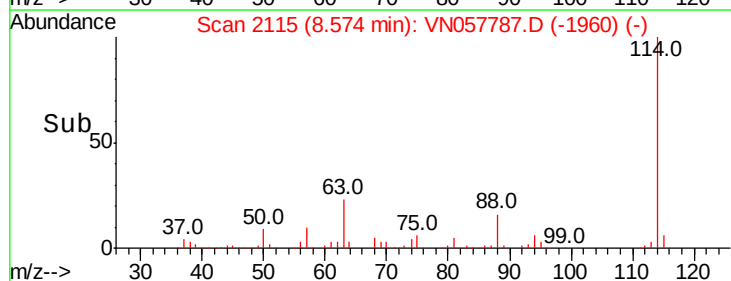
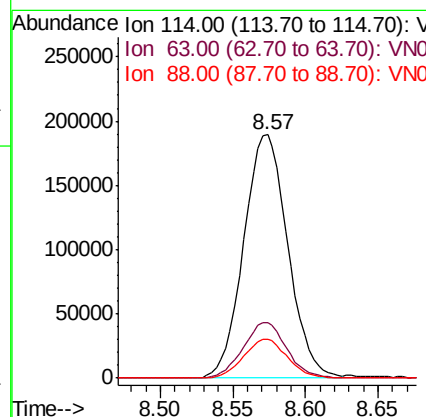
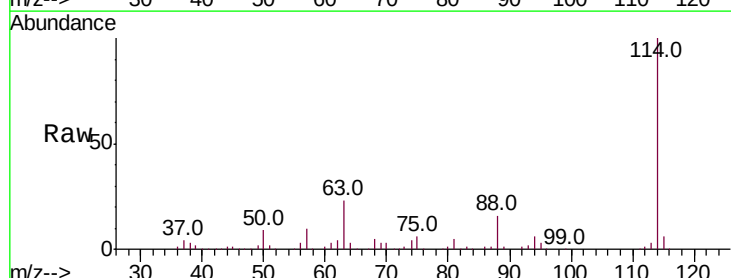
Delta R.T. -0.00 min

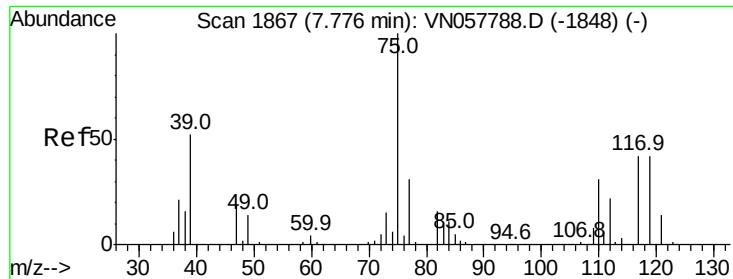
Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Tgt Ion: 114 Resp: 401111

Ion	Ratio	Lower	Upper
114	100		
63	22.9	18.0	27.0
88	15.9	12.6	19.0

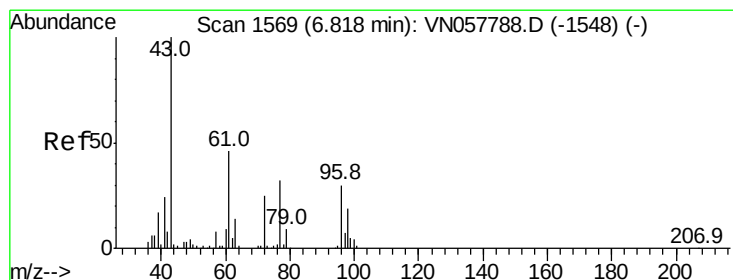
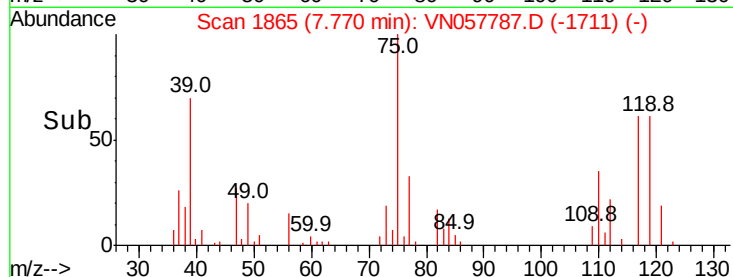
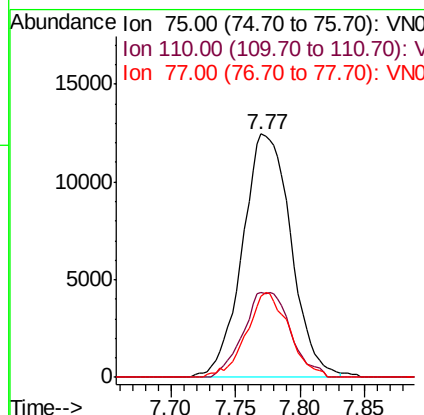
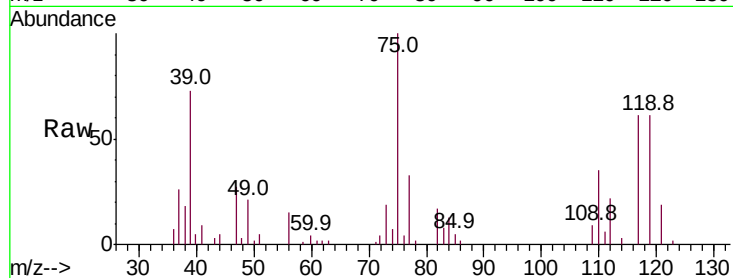




#29
 1,1-Dichloropropene
 Concen: 5.174 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

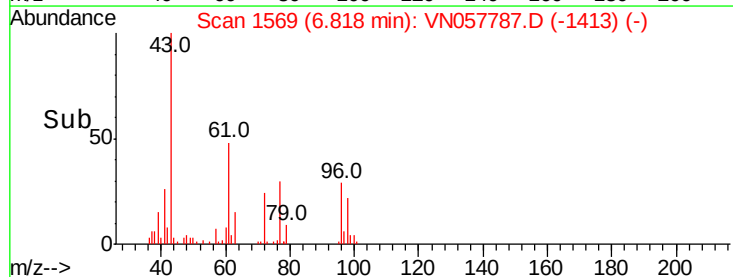
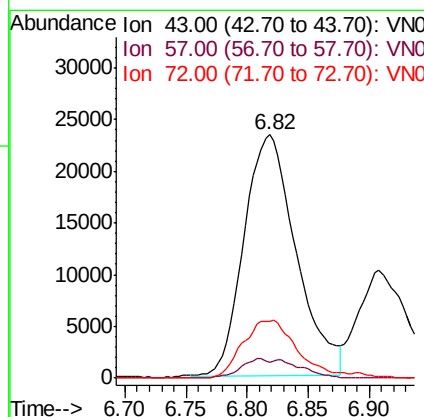
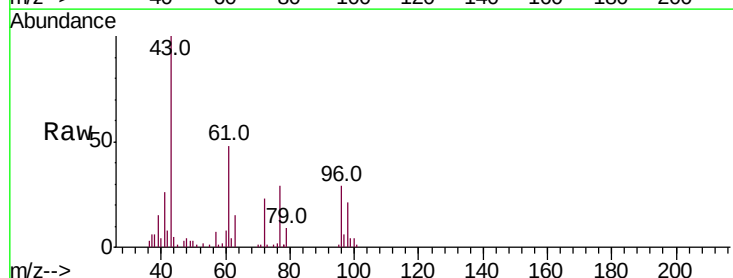
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

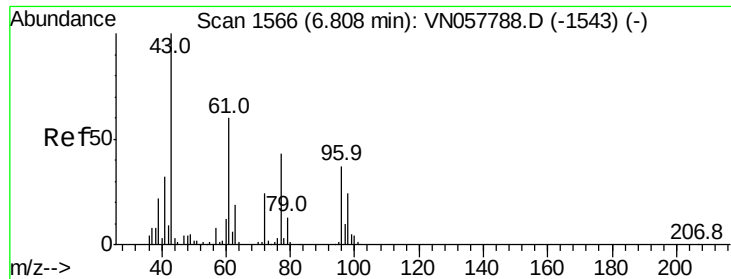
Tot Ion: 75 Resp: 32648
 Ion Ratio Lower Upper
 75 100
 110 17.0 0.0 63.8
 77 29.8 0.0 60.0



#30
 2-Butanone
 Concen: 24.404 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion: 43 Resp: 69432
 Ion Ratio Lower Upper
 43 100
 57 4.3 6.4 9.6#
 72 11.0 20.3 30.5#

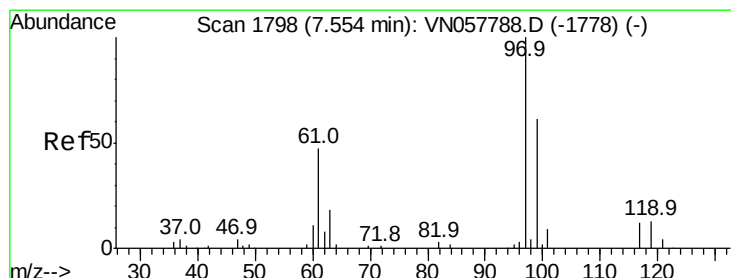
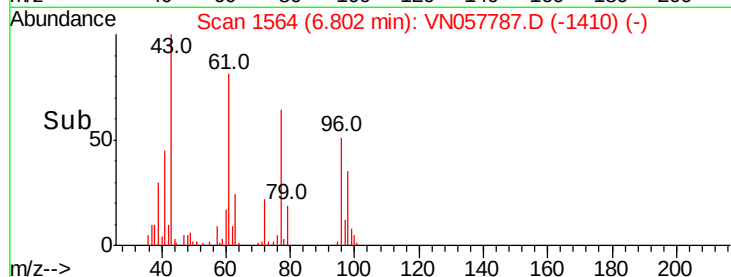
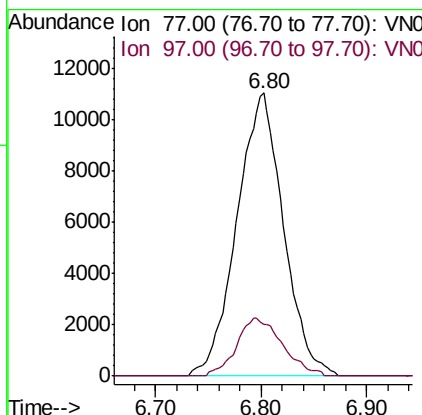
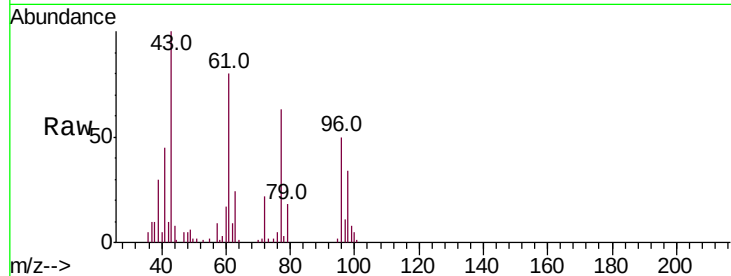




#31
 2,2-Dichloropropane
 Concen: 5.099 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

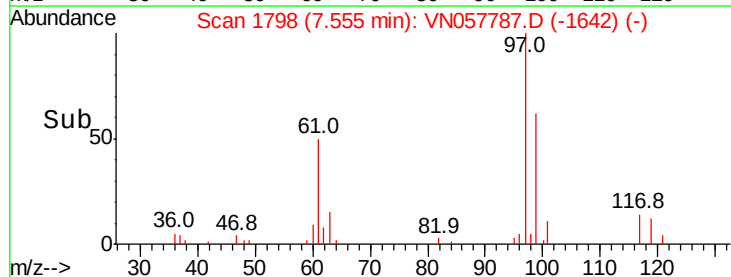
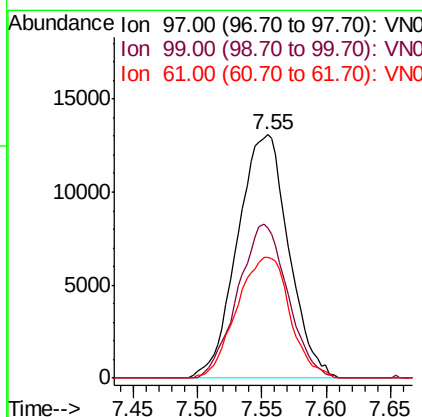
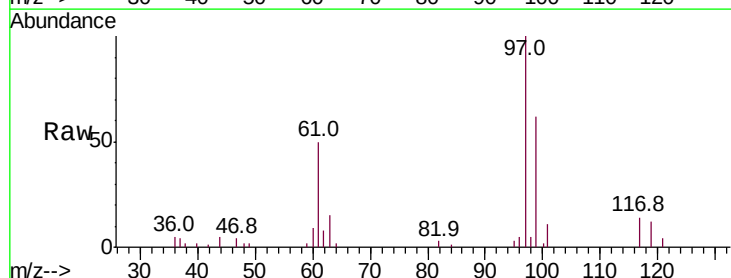
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

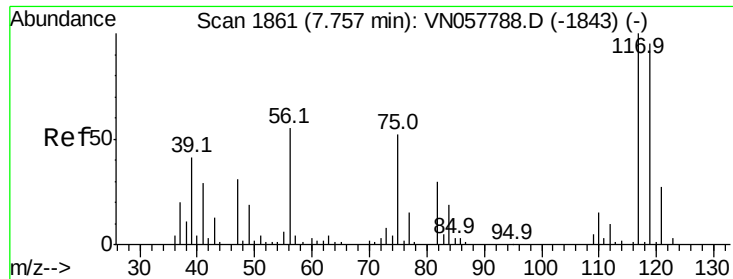
Tot Ion: 77 Resp: 33968
 Ion Ratio Lower Upper
 77 100
 97 11.6 17.7 26.5#



#32
 1,1,1-Trichloroethane
 Concen: 5.111 ug/l
 RT: 7.55 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion: 97 Resp: 36263
 Ion Ratio Lower Upper
 97 100
 99 61.3 49.8 74.8
 61 51.3 38.7 58.1

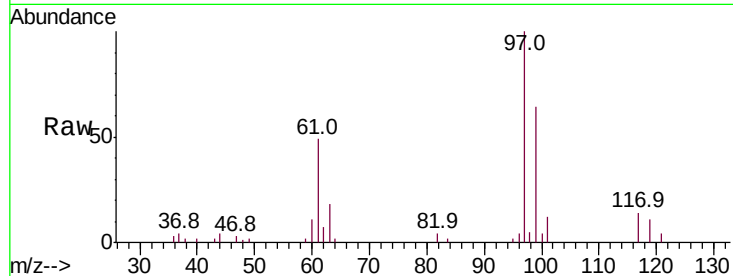




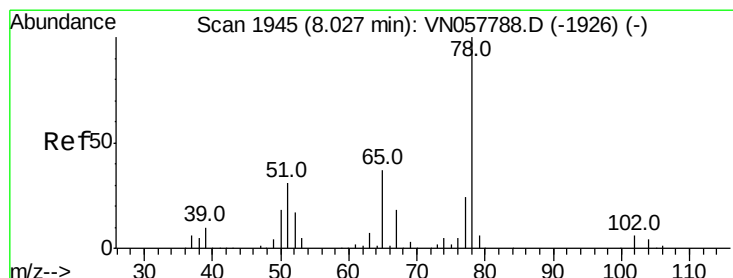
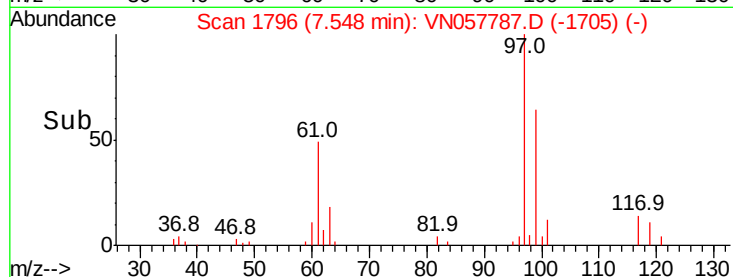
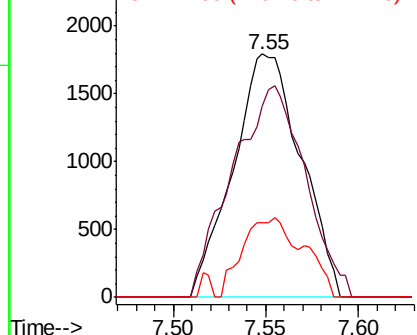
#33
Carbon Tetrachloride
Concen: 0.792 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.21 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 4583
Ion Ratio Lower Upper
117 100
119 78.7 75.7 113.5
121 30.6 21.7 32.5

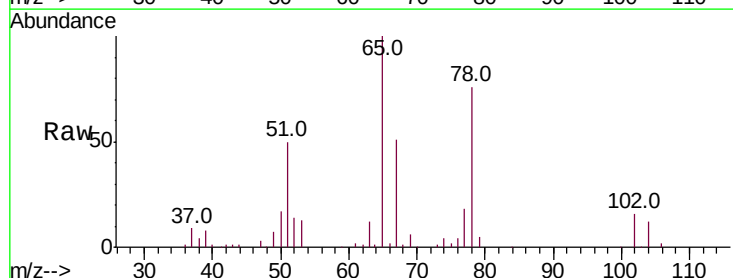


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

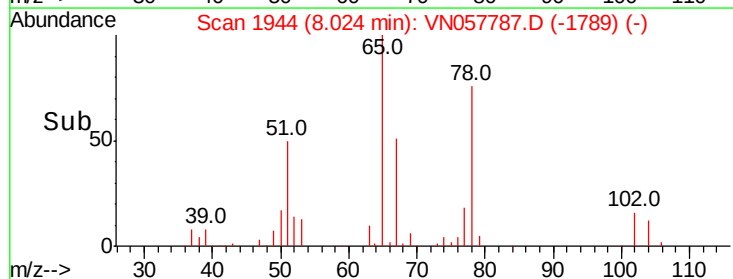
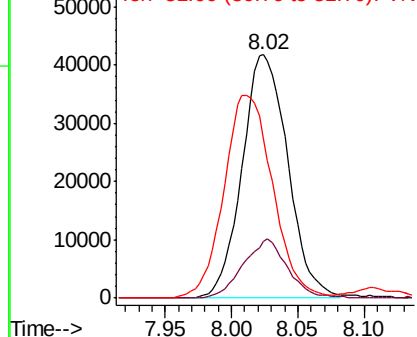


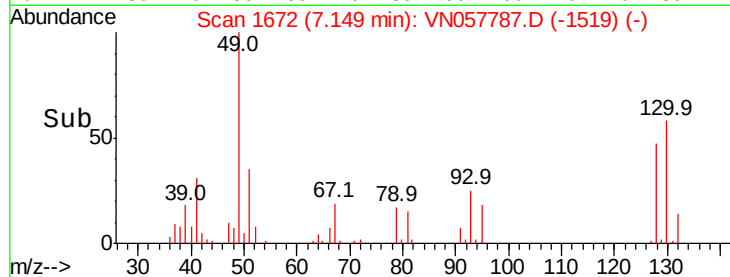
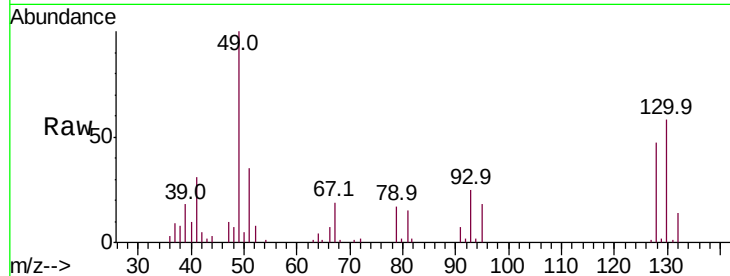
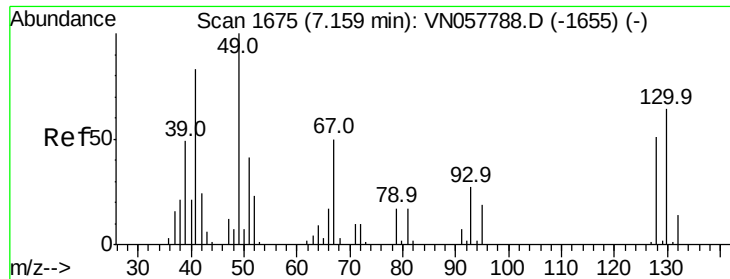
#34
Benzene
Concen: 5.351 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 78 Resp: 100043
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8
51 63.9 24.9 37.3#



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

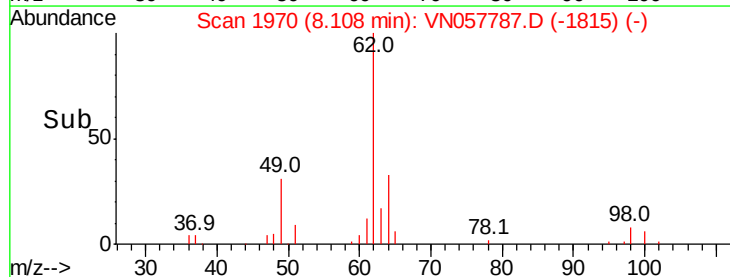
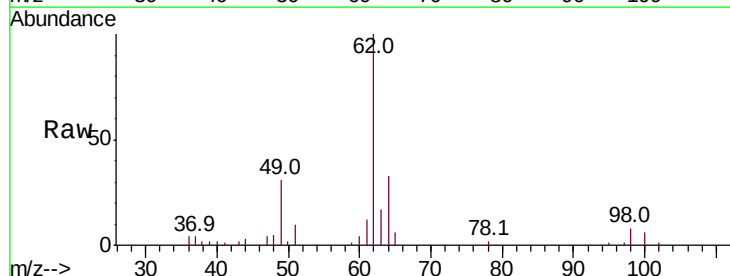
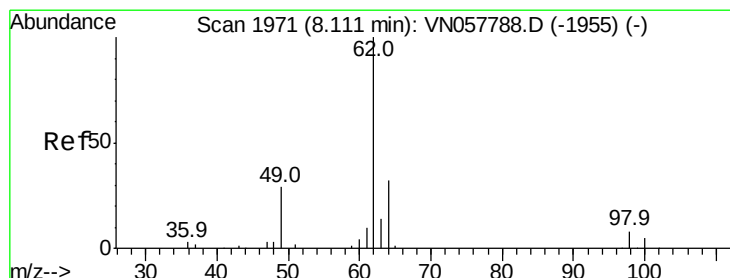
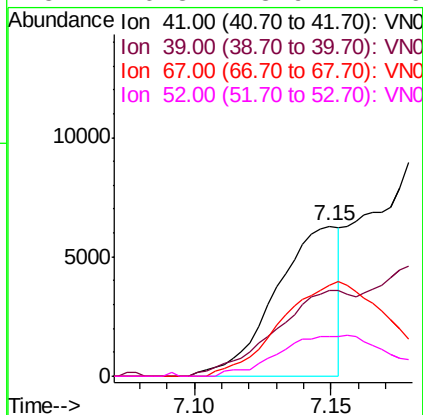




#35
Methacrylonitrile
Concen: 3.921 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

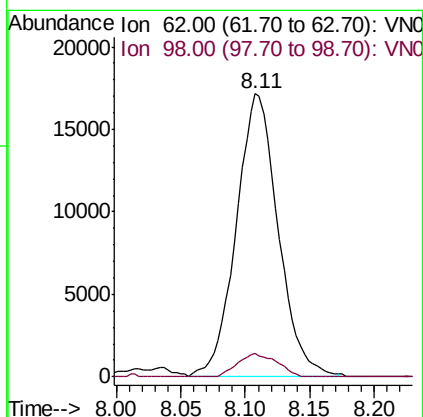
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

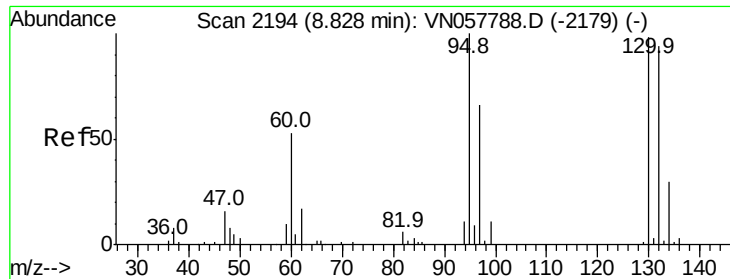
Tot Ion:	41	Resp:	10164
Ion	Ratio	Lower	Upper
41	100		
39	56.9	29.8	89.5
67	60.9	30.0	90.1
52	26.3	13.9	41.6



#36
1,2-Dichloroethane
Concen: 5.362 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion:	62	Resp:	38906
Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.6	9.8





#37

Trichloroethene

Concen: 5.270 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

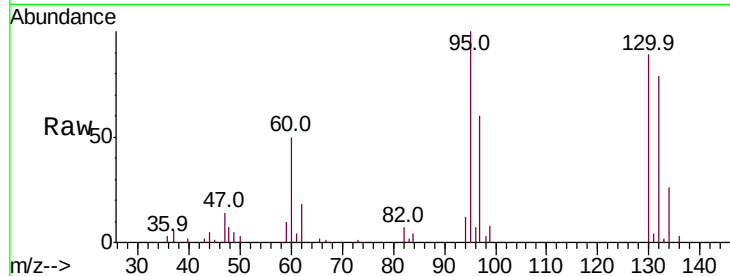
VSTDIC005

Tot Ion:130 Resp: 23932

Ion Ratio Lower Upper

130 100

95 111.2 81.9 122.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

15000

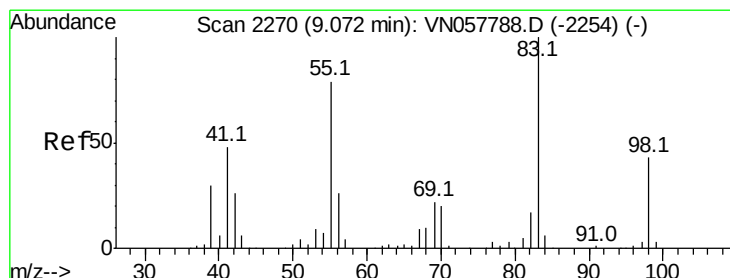
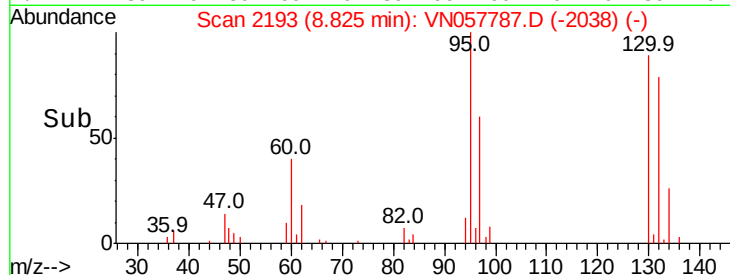
10000

5000

0

8.75 8.80 8.85

Time-->



#38

Methylcyclohexane

Concen: 5.177 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

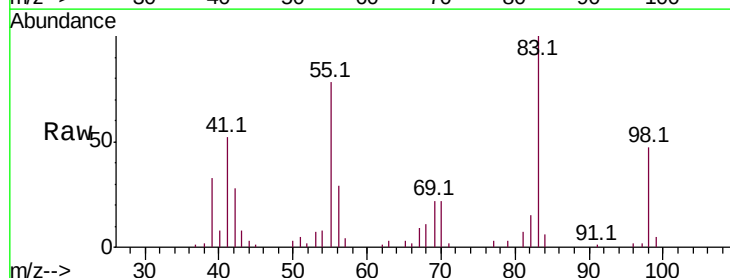
Tgt Ion: 83 Resp: 37198

Ion Ratio Lower Upper

83 100

55 77.7 39.6 118.7

98 45.1 21.8 65.4



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

20000

15000

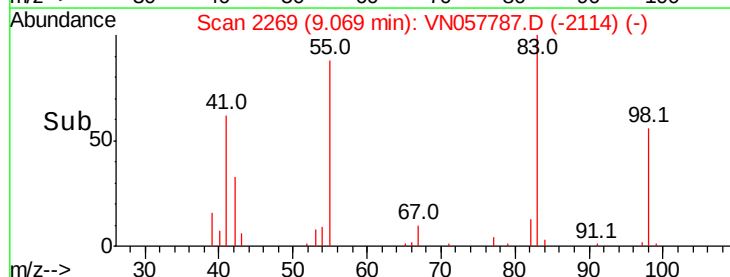
10000

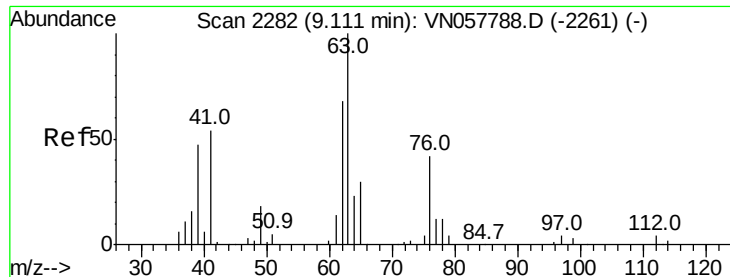
5000

0

9.00 9.05 9.10 9.15

Time-->

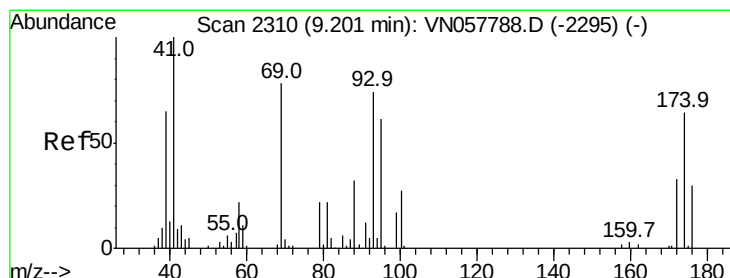
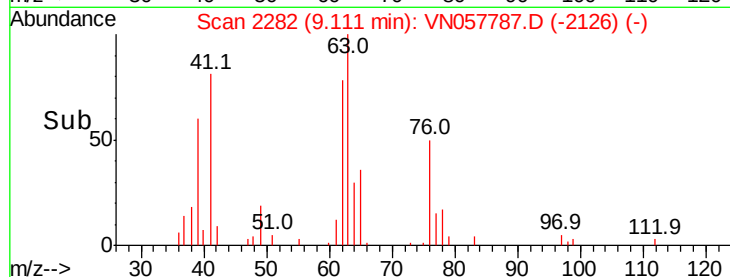
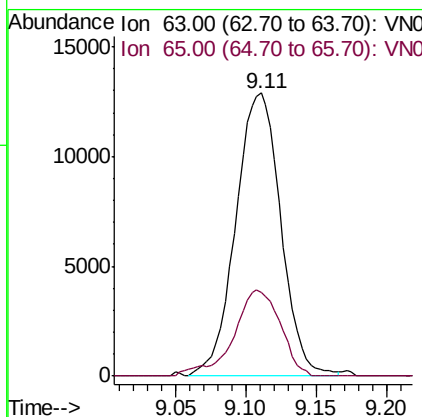
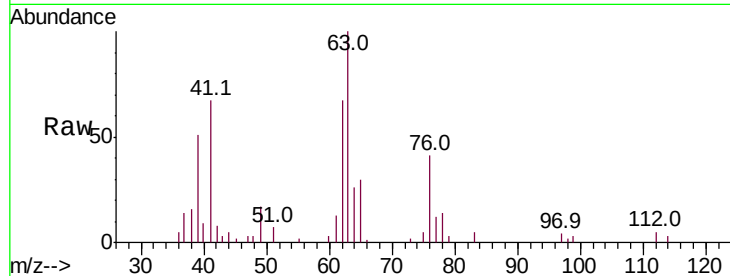




#39
 1,2-Dichloropropane
 Concen: 5.501 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

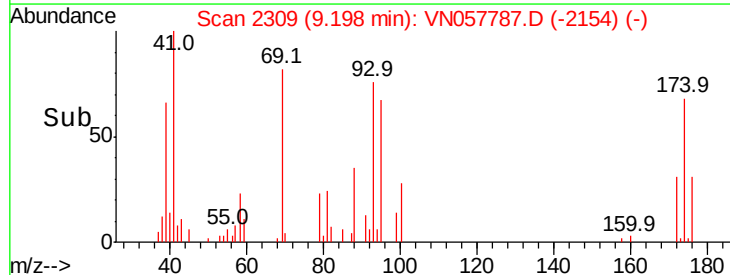
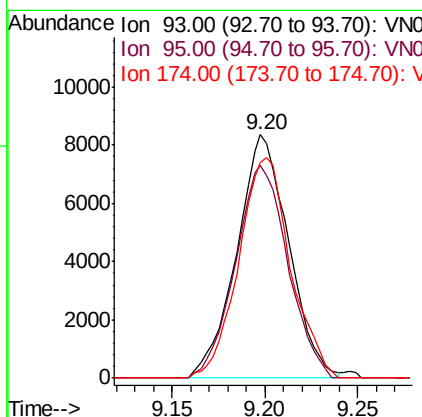
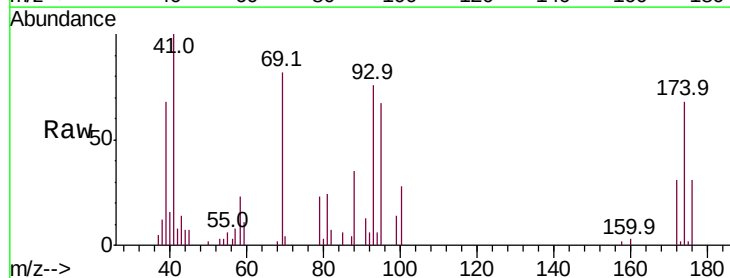
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

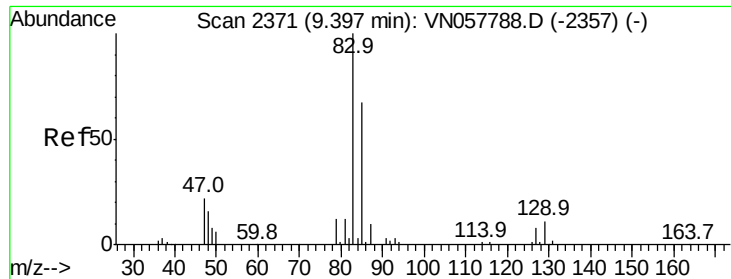
Tot Ion: 63 Resp: 28882
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.6 35.4



#40
 Dibromomethane
 Concen: 5.105 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion: 93 Resp: 16302
 Ion Ratio Lower Upper
 93 100
 95 88.3 0.0 163.0
 174 90.5 0.0 171.4





#41

Bromodichloromethane

Concen: 4.862 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

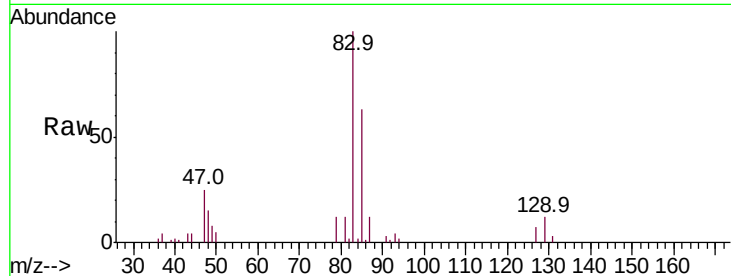
Tot Ion: 83 Resp: 31302

Ion Ratio Lower Upper

83 100

85 62.7 53.4 80.0

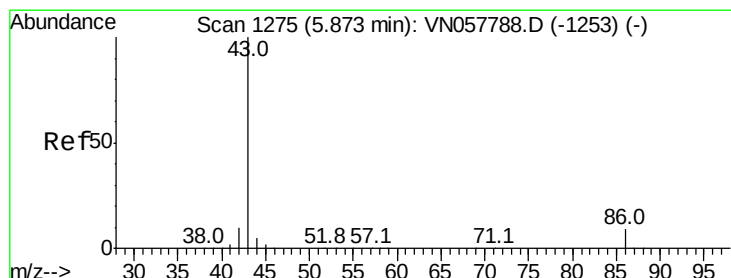
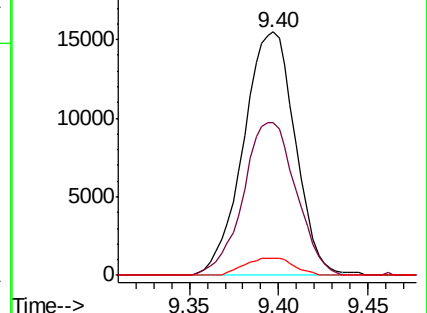
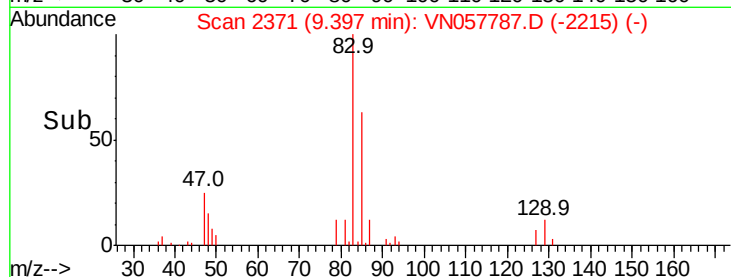
127 7.1 6.6 10.0



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: 25.280 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN057787.D

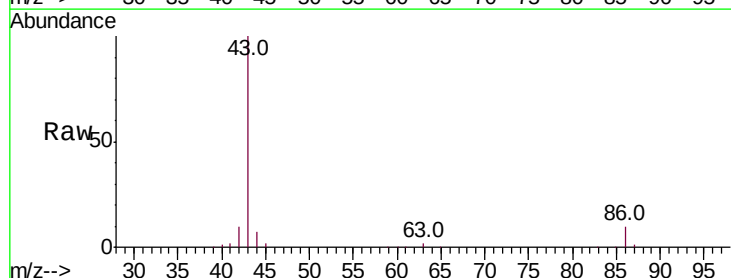
Acq: 9 Sep 2019 8:51

Tgt Ion: 43 Resp: 289239

Ion Ratio Lower Upper

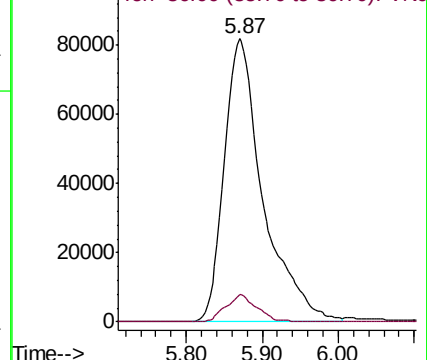
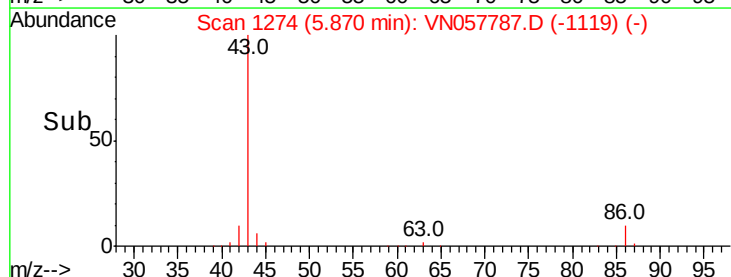
43 100

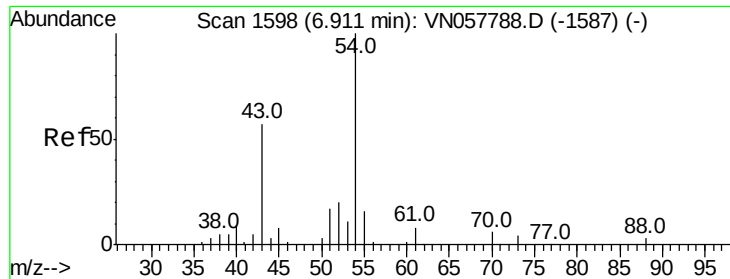
86 7.6 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 4.364 ug/l

RT: 6.91 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

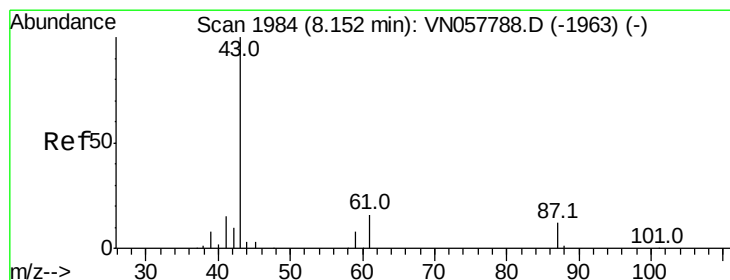
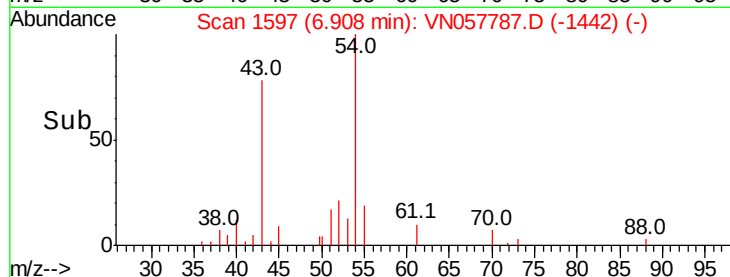
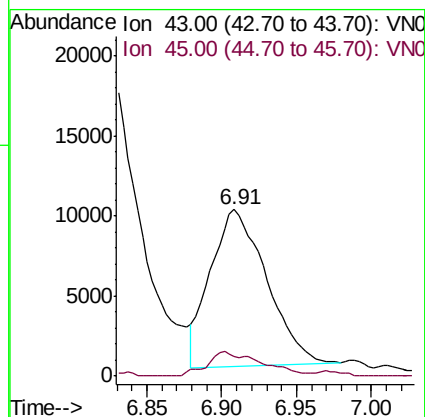
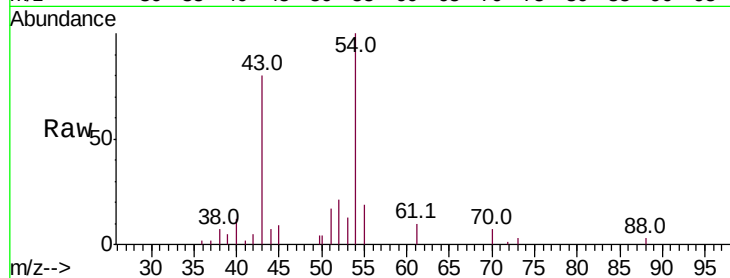
VSTDIC005

Tot Ion: 43 Resp: 25612

Ion Ratio Lower Upper

43 100

45 4.6 5.4 8.0#



#44

Isopropyl Acetate

Concen: 4.837 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN057787.D

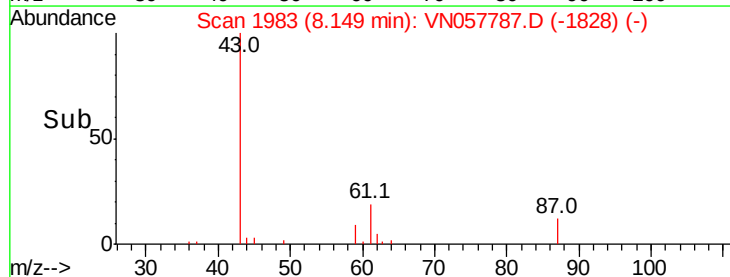
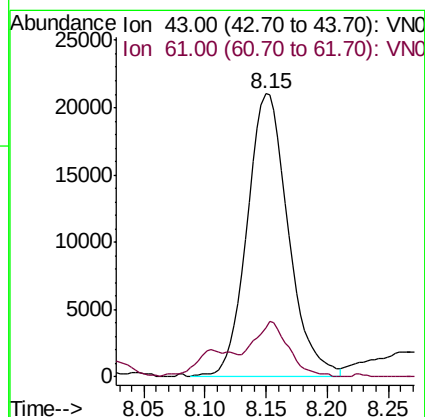
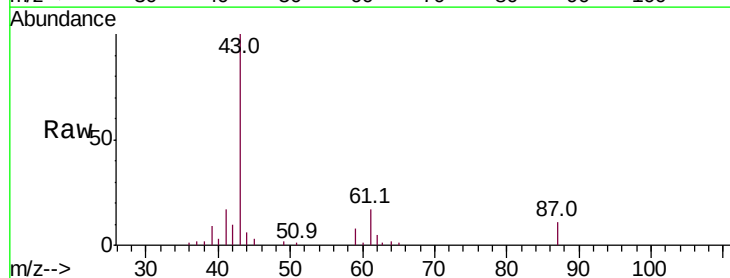
Acq: 9 Sep 2019 8:51

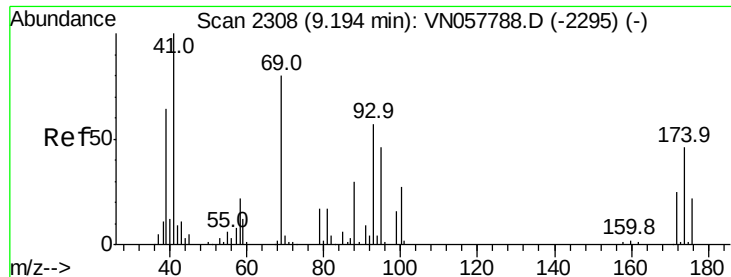
Tgt Ion: 43 Resp: 49156

Ion Ratio Lower Upper

43 100

61 16.6 0.1 0.1#

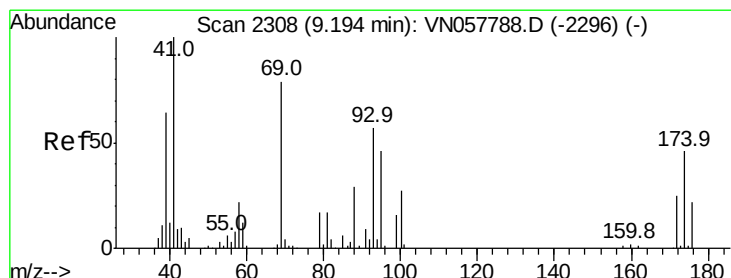
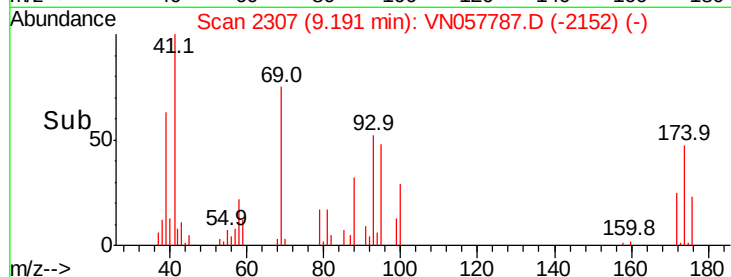
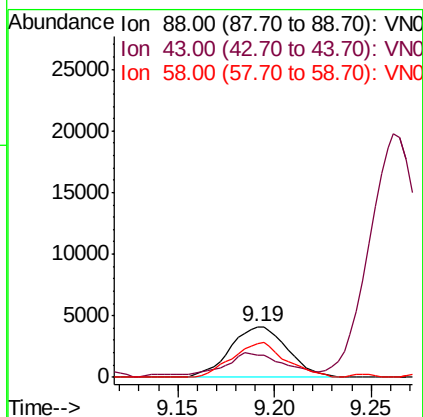
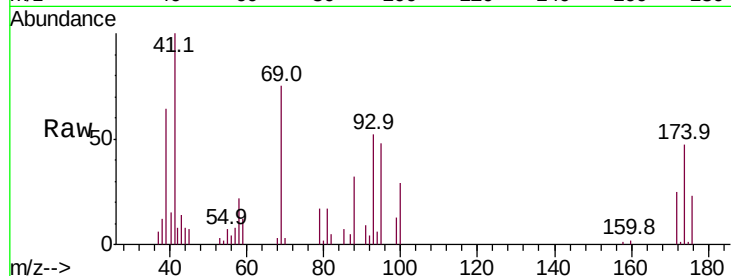




#45
1,4-Dioxane
Concen: 106.513 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

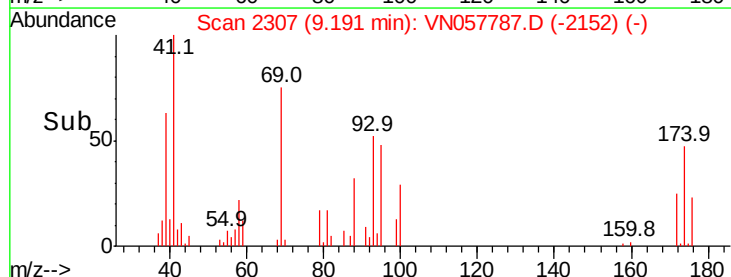
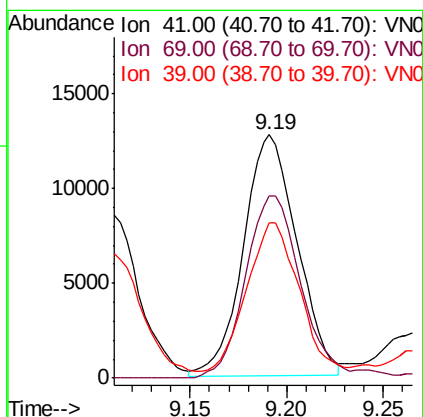
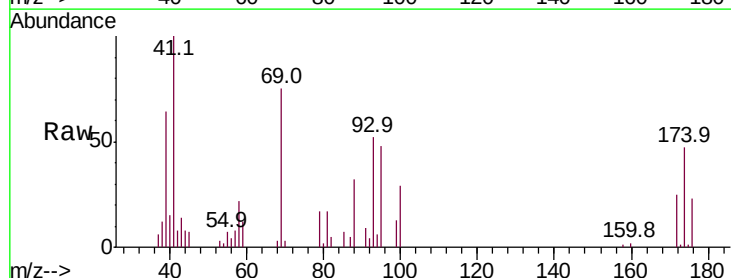
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

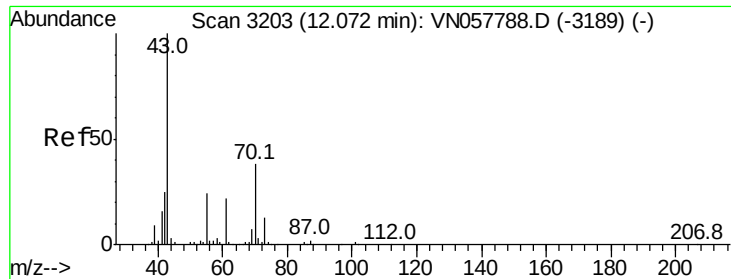
Tot Ion: 88 Resp: 8471
Ion Ratio Lower Upper
88 100
43 42.3 28.2 42.4
58 64.4 58.5 87.7



#46
Methyl methacrylate
Concen: 4.972 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 41 Resp: 24582
Ion Ratio Lower Upper
41 100
69 76.8 39.6 119.0
39 62.2 31.9 95.7





#47

n-amvl Acetate

Concen: 3.963 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

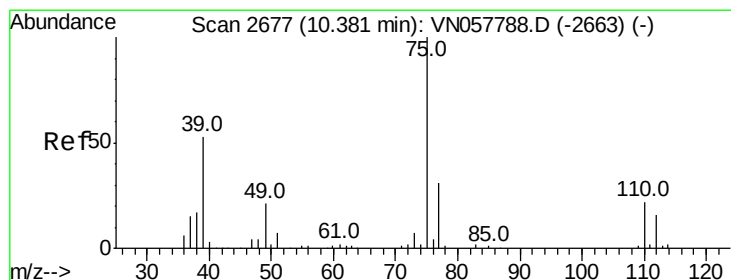
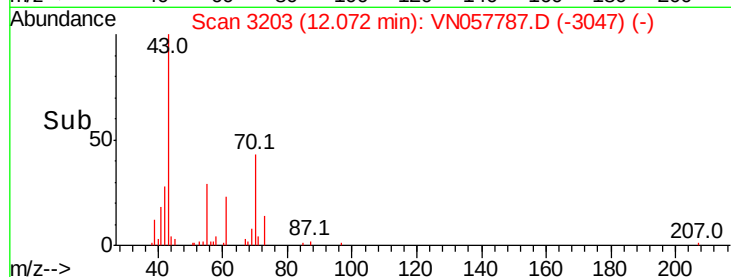
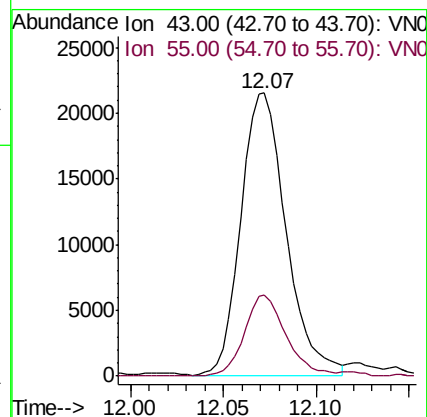
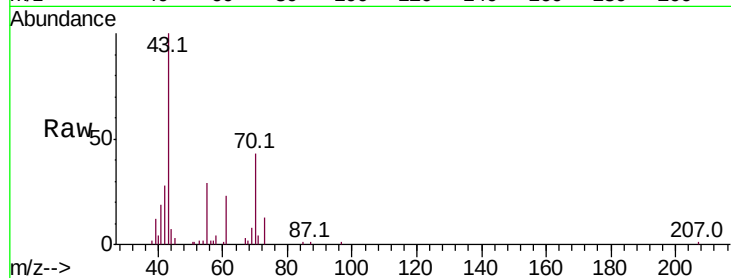
VSTDIC005

Tot Ion: 43 Resp: 36829

Ion Ratio Lower Upper

43 100

55 26.3 18.3 27.5



#48

t-1,3-Dichloropropene

Concen: 4.269 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN057787.D

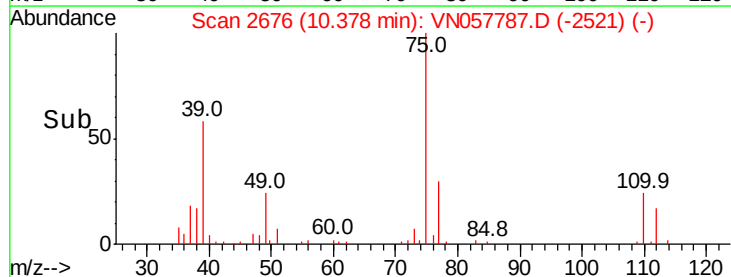
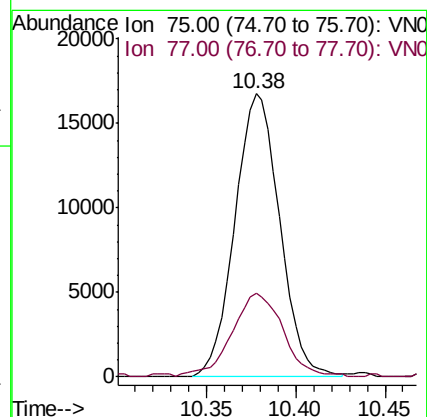
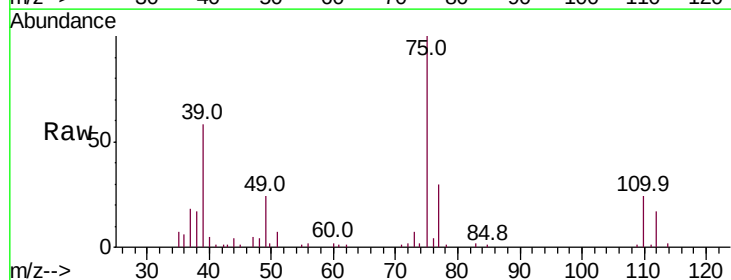
Acq: 9 Sep 2019 8:51

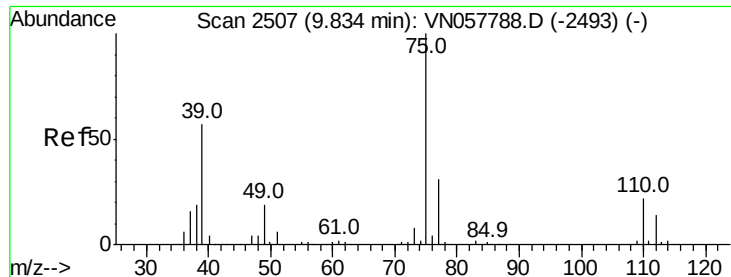
Tgt Ion: 75 Resp: 29262

Ion Ratio Lower Upper

75 100

77 28.7 24.9 37.3



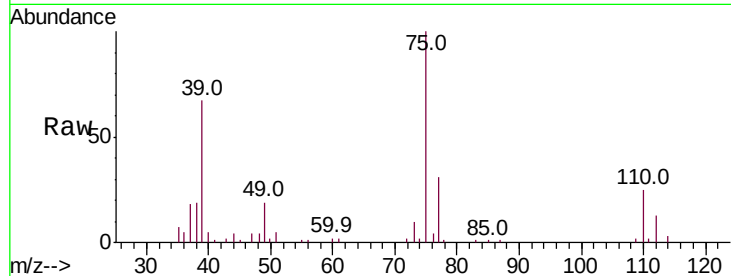


#49

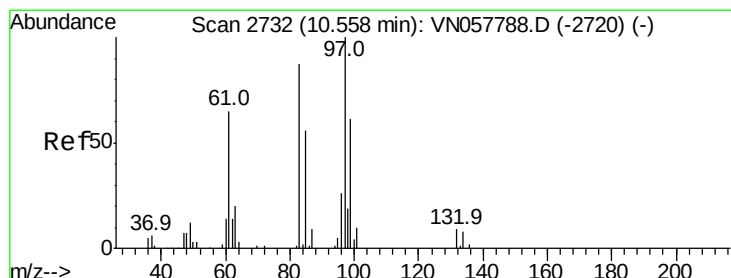
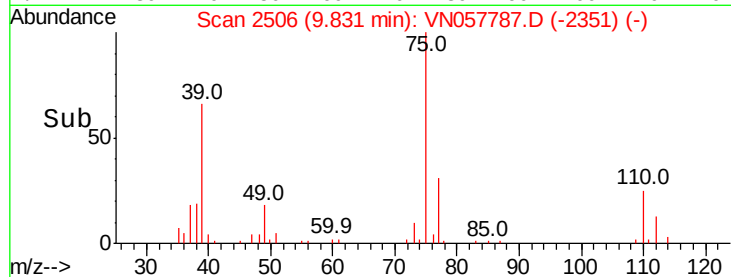
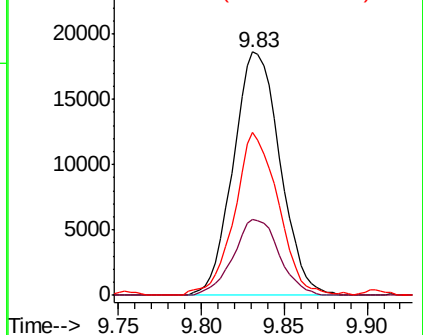
cis-1,3-Dichloropropene
 Concen: 4.749 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 75 Resp: 36521
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 65.3 45.8 68.8



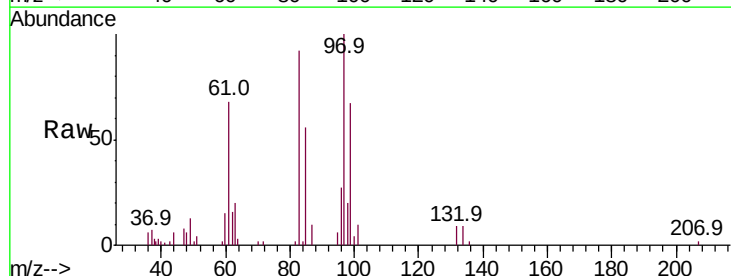
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



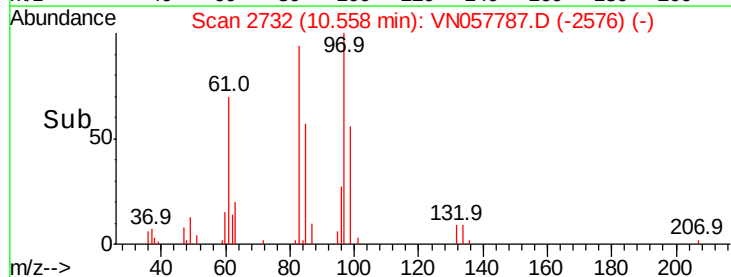
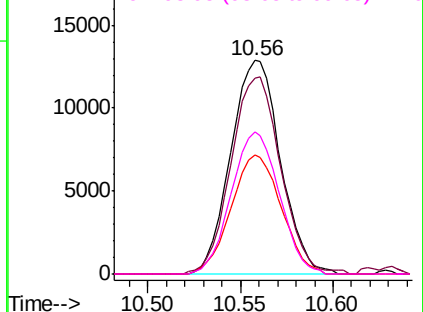
#50

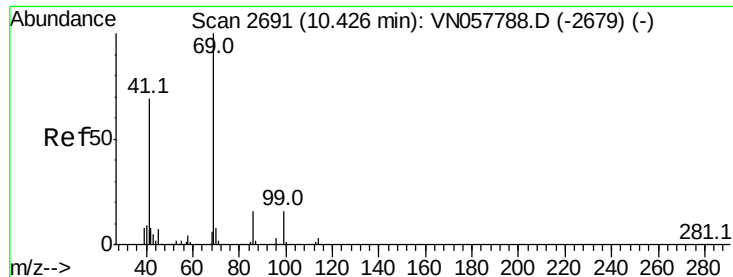
1,1,2-Trichloroethane
 Concen: 5.154 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion: 97 Resp: 23876
 Ion Ratio Lower Upper
 97 100
 83 90.4 69.4 104.2
 85 55.7 45.0 67.6
 99 66.6 48.8 73.2



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

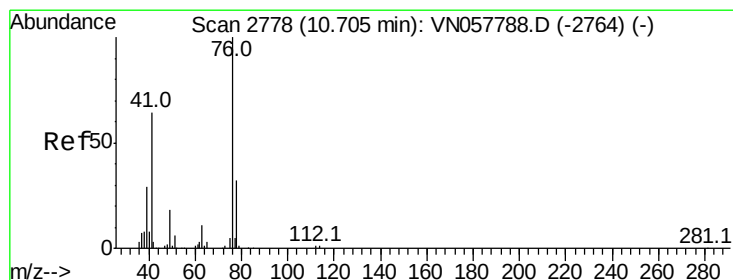
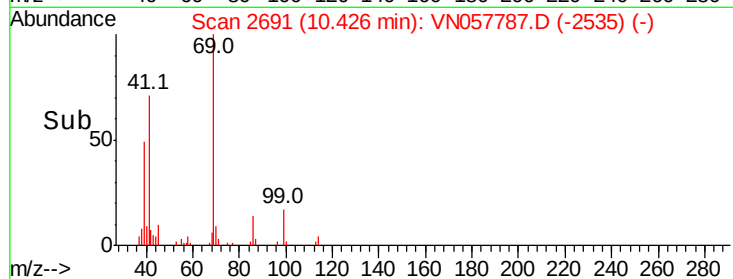
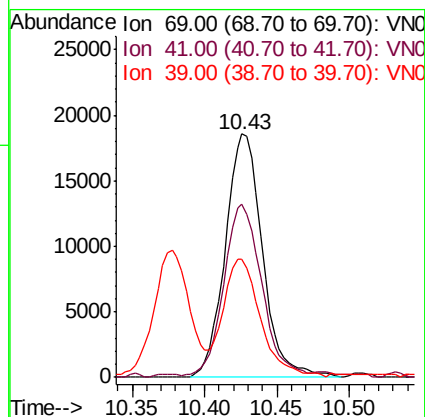
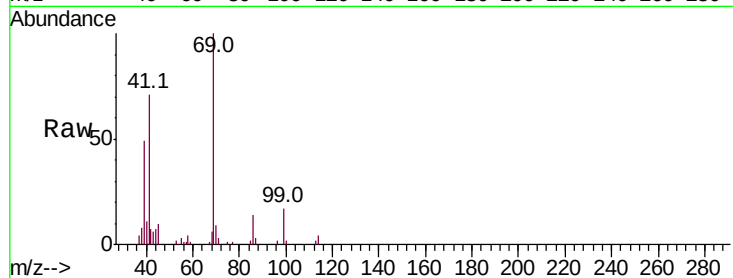




#51
Ethyl methacrylate
Concen: 4.594 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

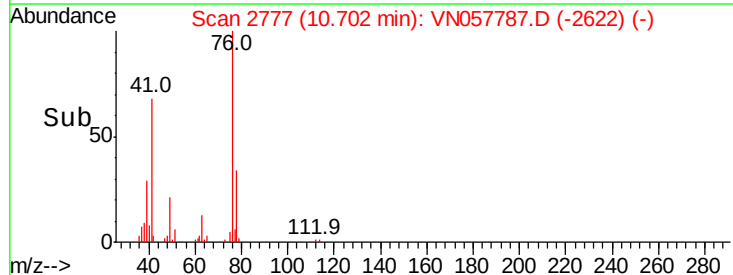
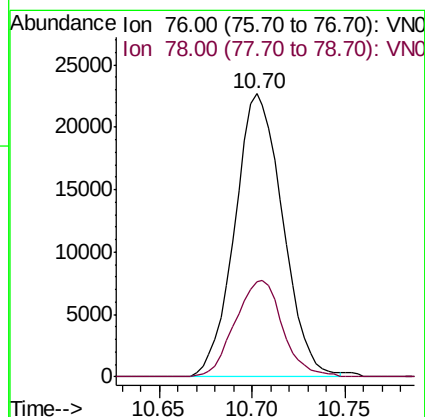
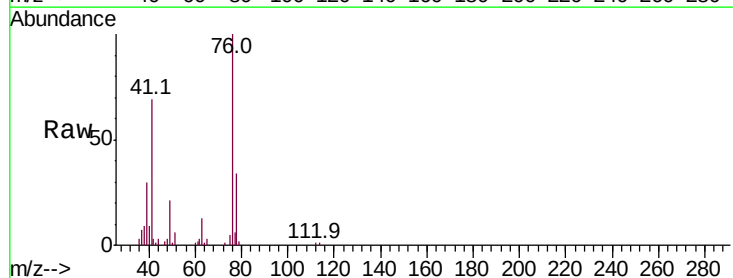
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

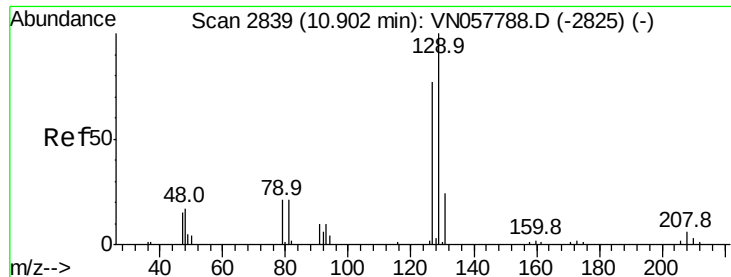
Tot Ion: 69 Resp: 32994
Ion Ratio Lower Upper
69 100
41 69.8 34.5 103.5
39 47.4 22.4 67.3



#52
1,3-Dichloropropane
Concen: 5.031 ug/l
RT: 10.70 min Scan# 2777
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 76 Resp: 40759
Ion Ratio Lower Upper
76 100
78 33.7 0.0 63.8

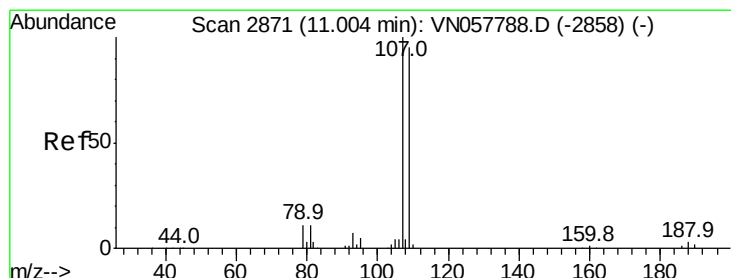
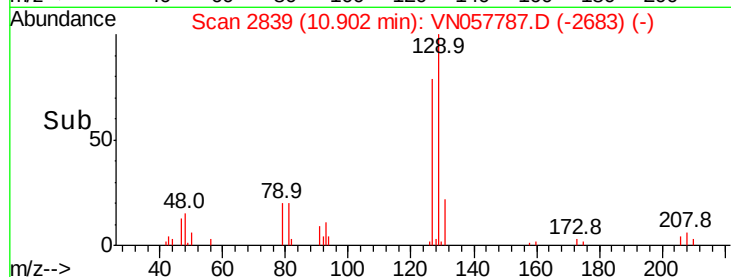
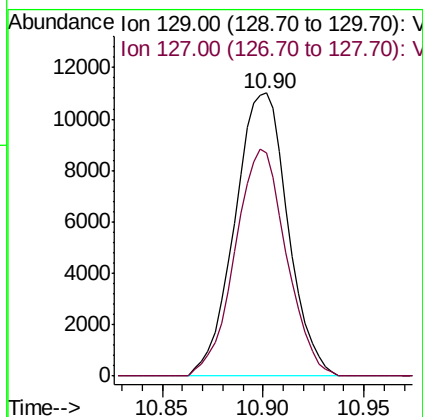
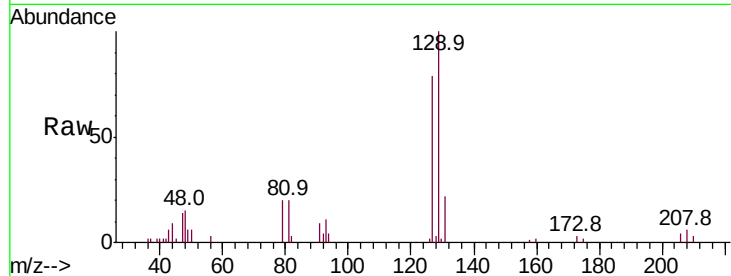




#53
Dibromochloromethane
Concen: 4.438 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

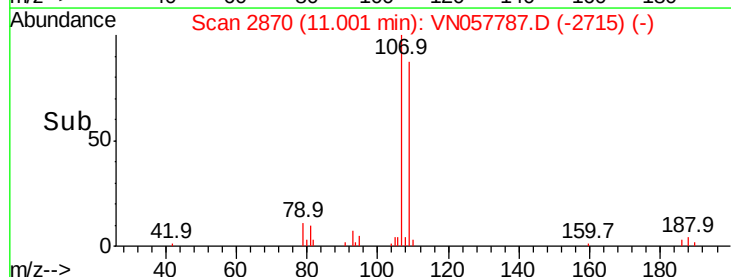
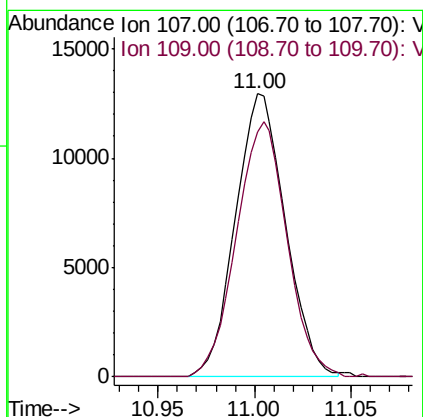
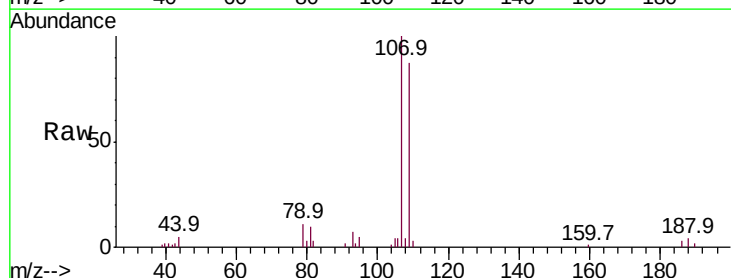
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

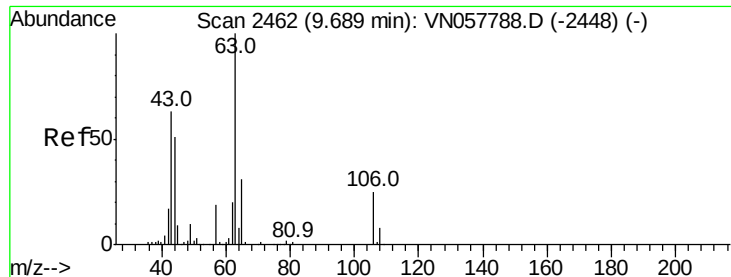
Tot Ion:129 Resp: 20304
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3



#54
1,2-Dibromoethane
Concen: 5.047 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion:107 Resp: 23260
Ion Ratio Lower Upper
107 100
109 91.2 75.4 113.0





#55

2-Chloroethyl vinyl ether

Concen: 22.700 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

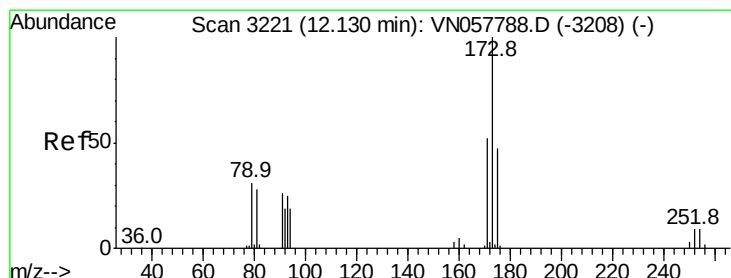
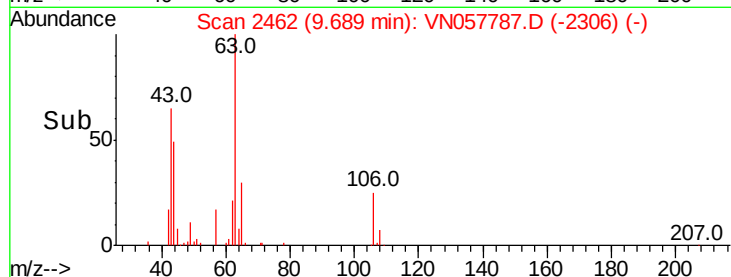
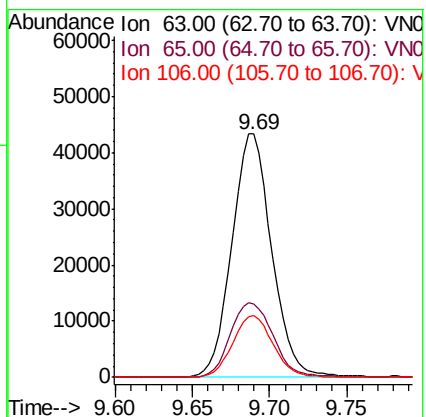
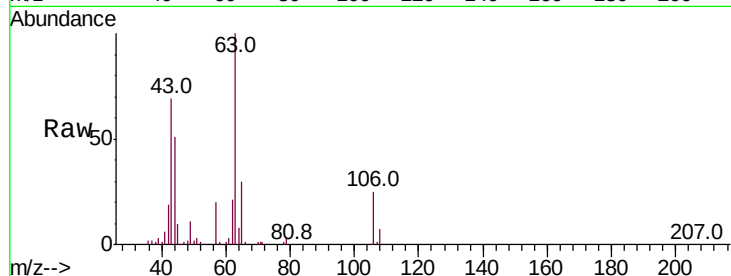
Tot Ion: 63 Resp: 77477

Ion Ratio Lower Upper

63 100

65 33.1 25.0 37.6

106 25.7 19.8 29.8



#56

Bromoform

Concen: 3.778 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

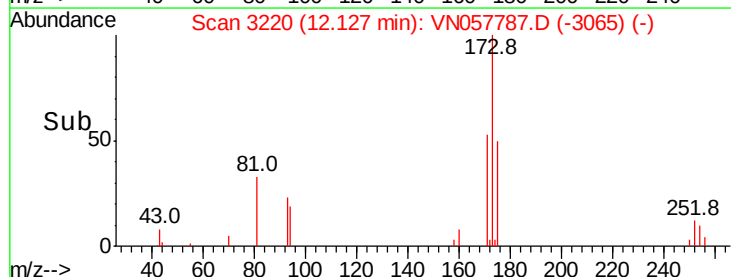
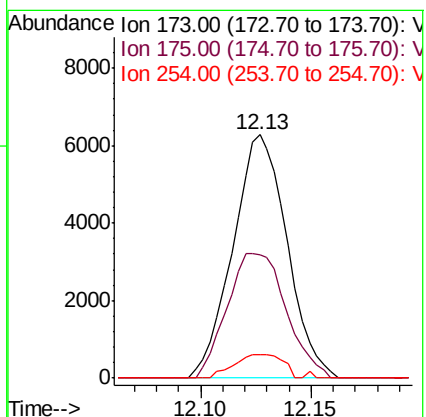
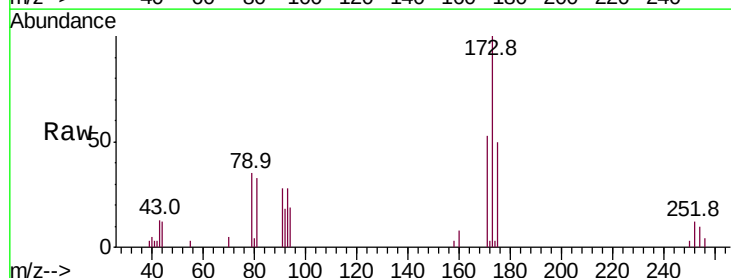
Tgt Ion: 173 Resp: 10706

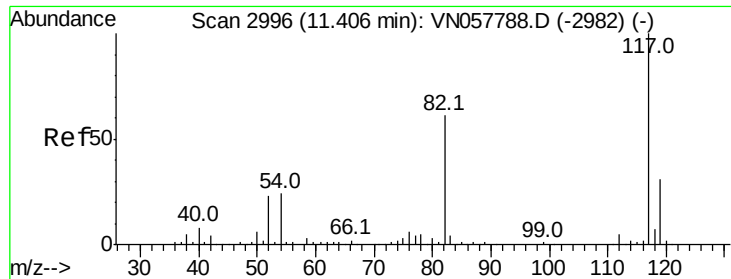
Ion Ratio Lower Upper

173 100

175 55.7 38.4 57.6

254 8.8 6.9 10.3

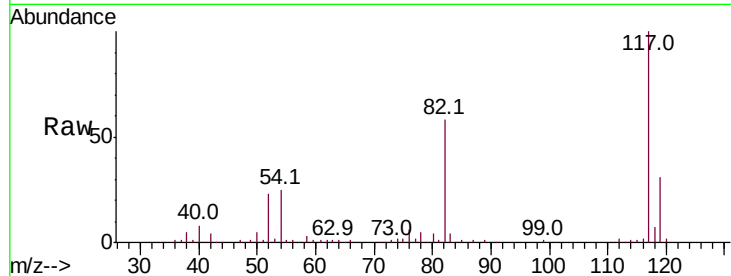




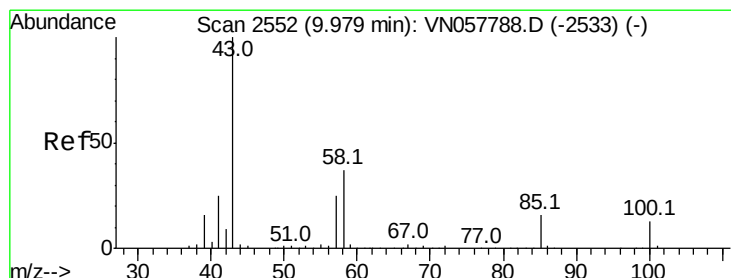
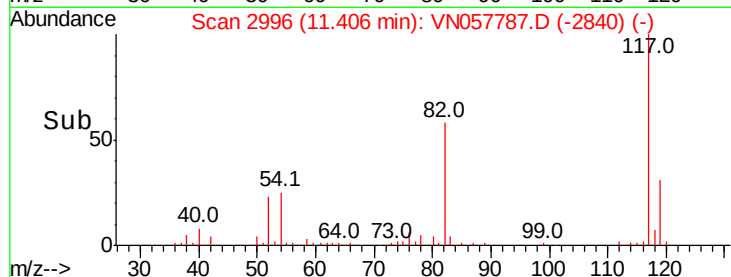
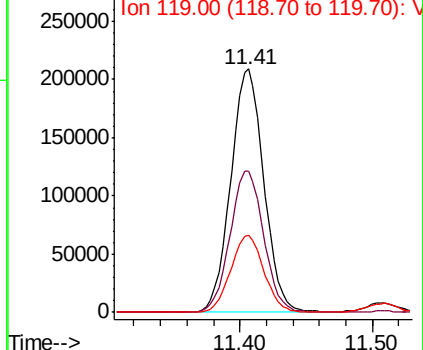
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion:117 Resp: 362248
Ion Ratio Lower Upper
117 100
82 59.0 47.6 71.4
119 31.7 25.4 38.2

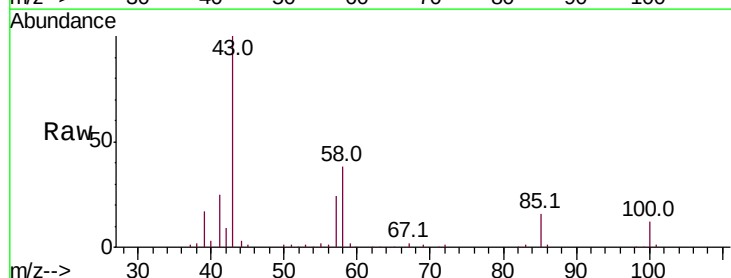


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

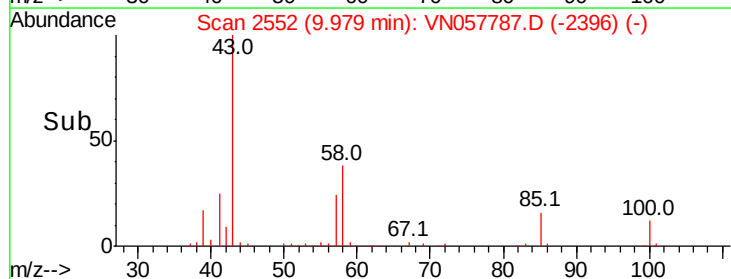
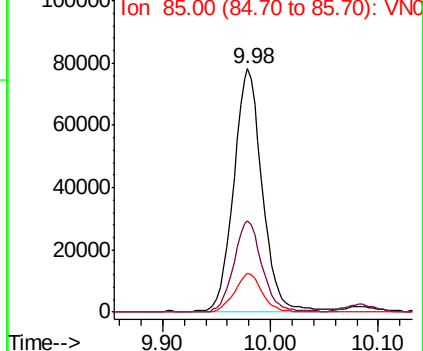


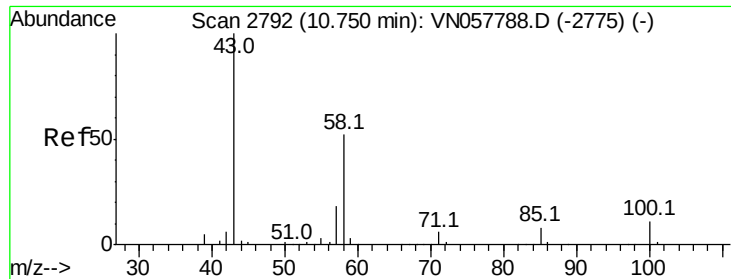
#58
4-Methyl-2-Pentanone
Concen: 25.406 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 43 Resp: 142722
Ion Ratio Lower Upper
43 100
58 37.4 29.4 44.0
85 15.5 12.9 19.3



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

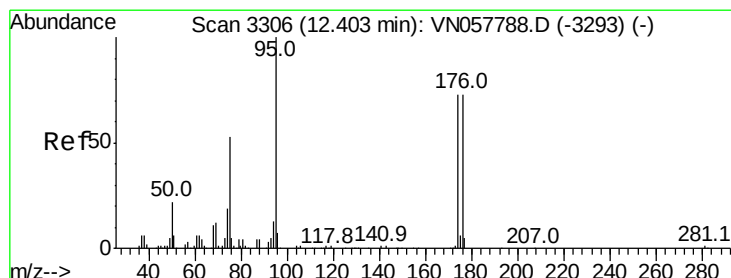
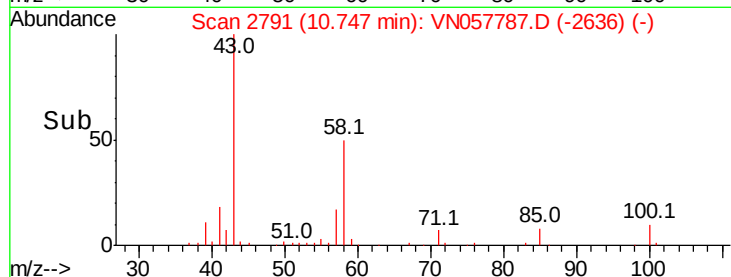
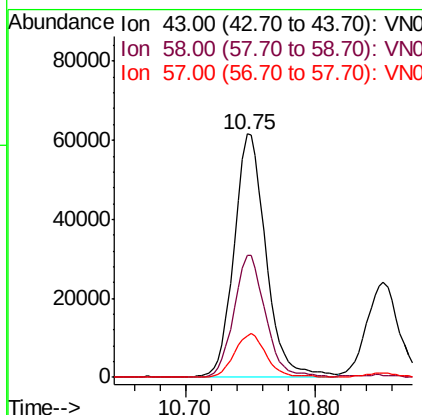
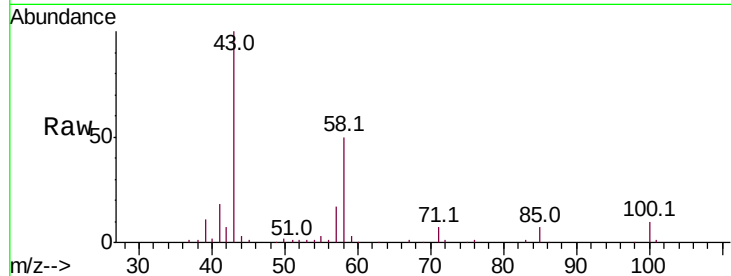




#59
2-Hexanone
Concen: 24.866 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

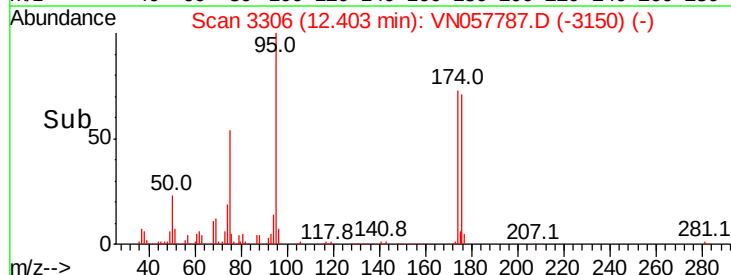
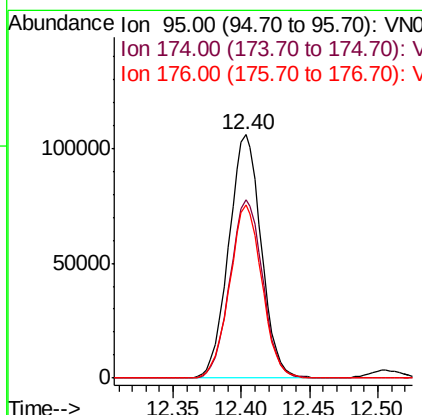
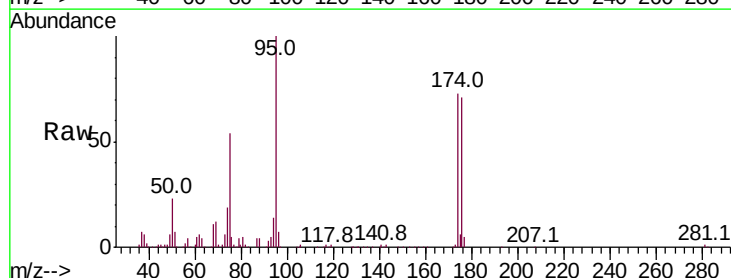
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

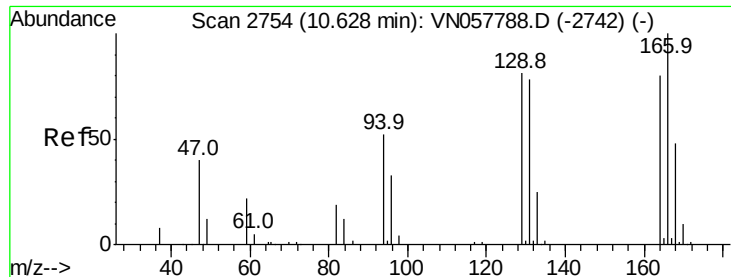
Tot Ion: 43 Resp: 104828
Ion Ratio Lower Upper
43 100
58 50.3 40.6 61.0
57 17.9 14.5 21.7



#60
4-Bromofluorobenzene
Concen: 28.289 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 95 Resp: 175358
Ion Ratio Lower Upper
95 100
174 73.7 59.4 89.0
176 70.7 57.4 86.0





#61

Tetrachloroethene

Concen: 5.311 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 19560

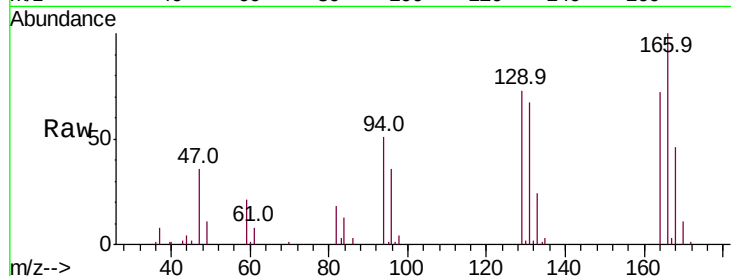
Ion Ratio Lower Upper

164 100

166 139.7 99.6 149.4

129 102.5 80.9 121.3

131 94.1 77.2 115.8

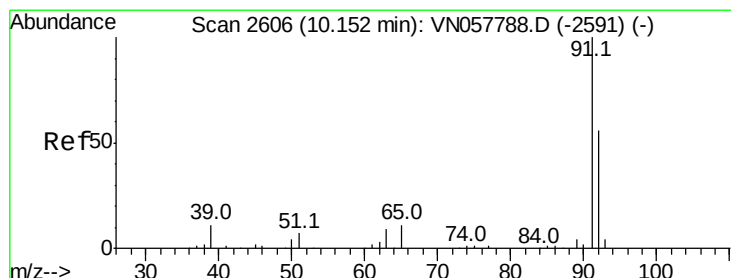
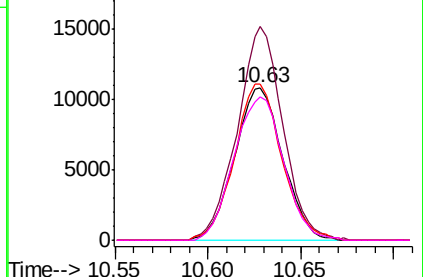
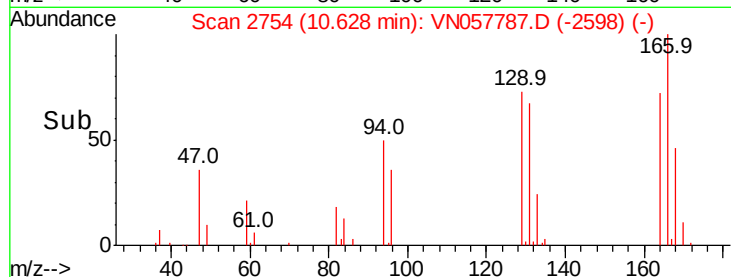


Abundance Ion 163.85 (163.55 to 164.55): V

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: 5.428 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057787.D

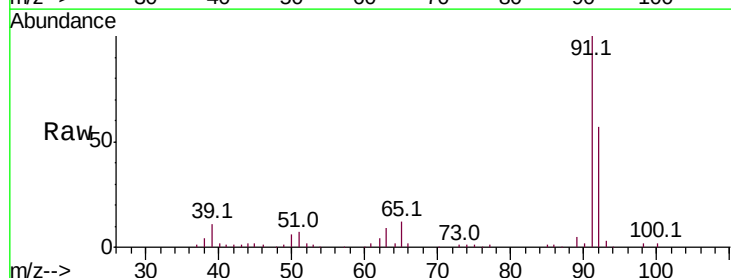
Acq: 9 Sep 2019 8:51

Tgt Ion: 91 Resp: 108872

Ion Ratio Lower Upper

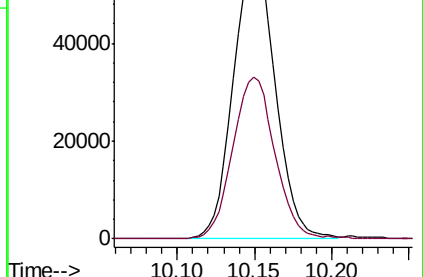
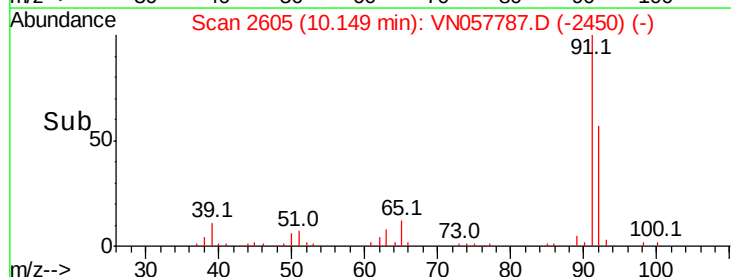
91 100

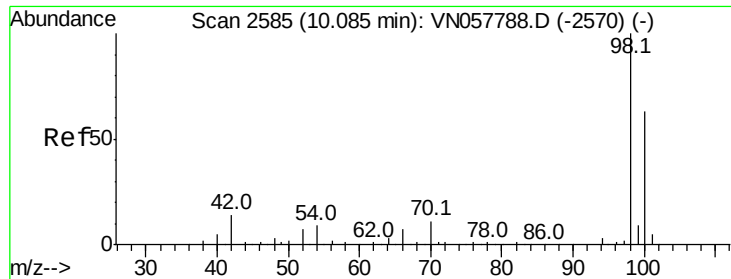
92 57.4 44.9 67.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.307 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

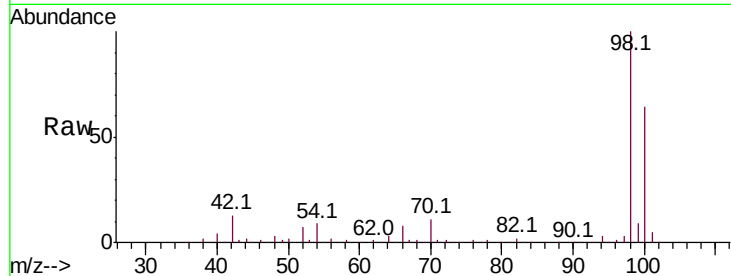
VSTDIC005

Tot Ion: 98 Resp: 526955

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057788.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN057788.D (-2570) (-)

10.08

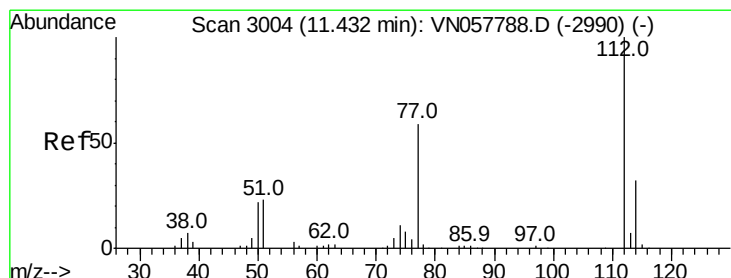
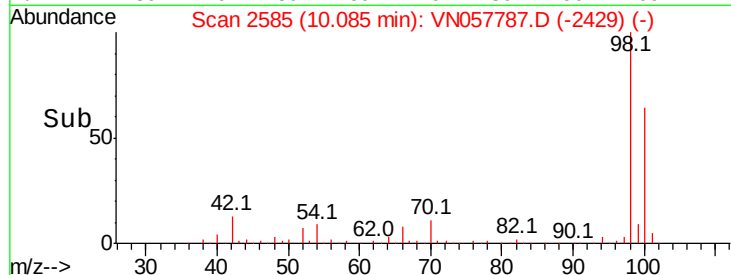
300000

200000

100000

0

Time-->



#64

Chlorobenzene

Concen: 5.204 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN057787.D

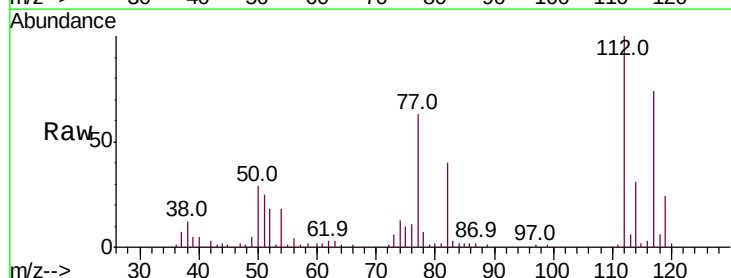
Acq: 9 Sep 2019 8:51

Tgt Ion: 112 Resp: 64758

Ion Ratio Lower Upper

112 100

114 30.6 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): VN057788.D (-2990) (-)

Ion 114.00 (113.70 to 114.70): VN057788.D (-2990) (-)

11.43

40000

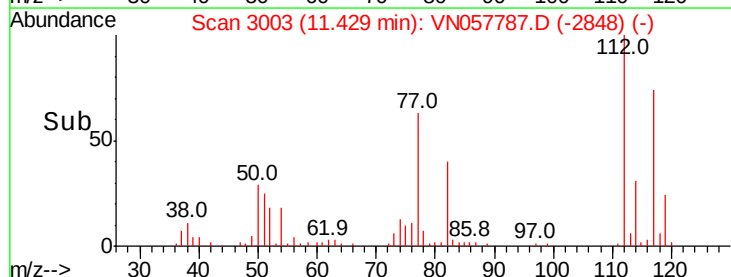
30000

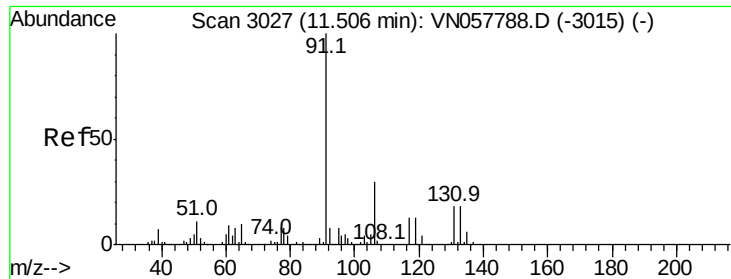
20000

10000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 4.697 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

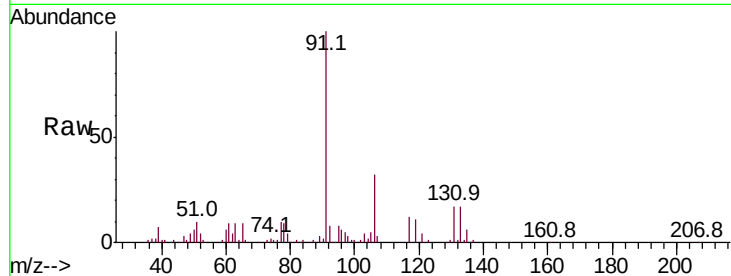
Tot Ion:131 Resp: 20293

Ion Ratio Lower Upper

131 100

133 97.2 0.0 189.2

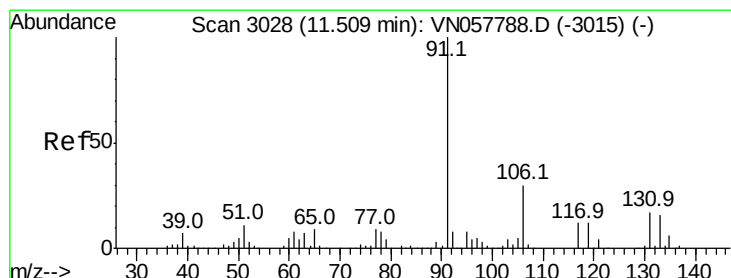
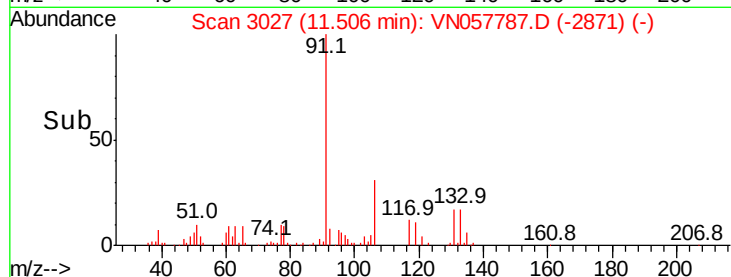
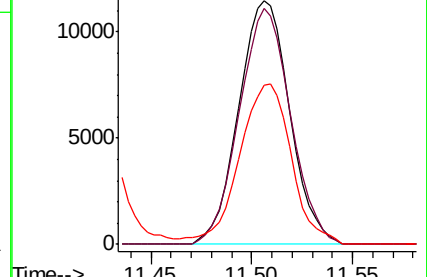
119 66.7 0.0 136.4



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: 5.272 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057787.D

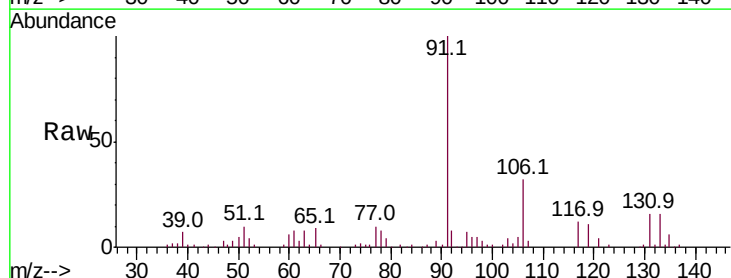
Acq: 9 Sep 2019 8:51

Tgt Ion: 91 Resp: 115364

Ion Ratio Lower Upper

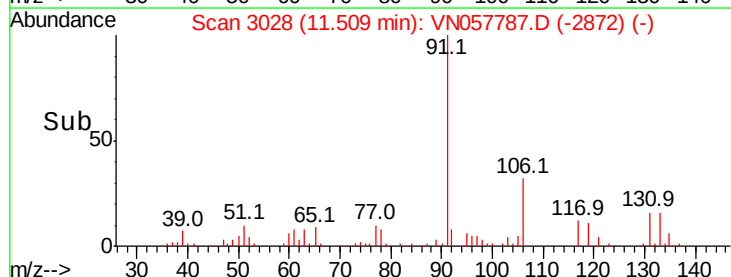
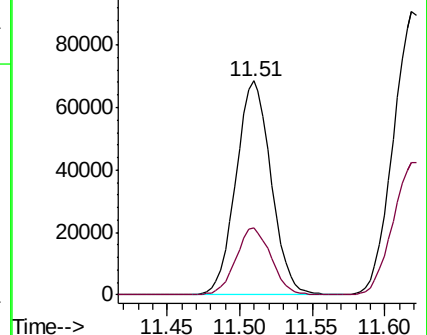
91 100

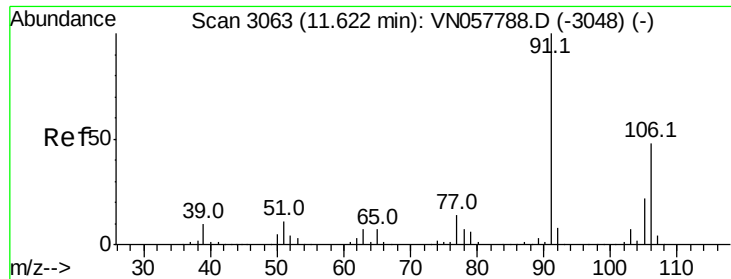
106 31.5 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 11.149 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

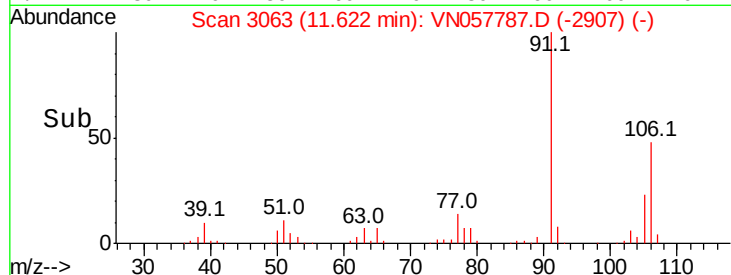
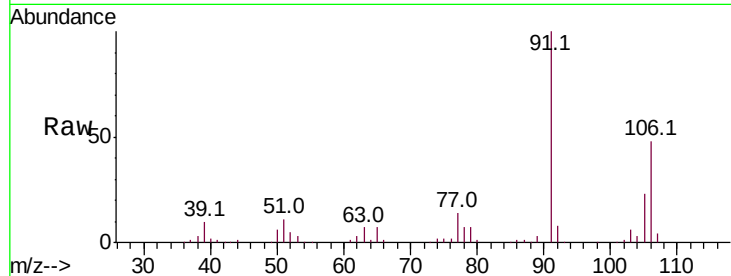
VSTDIC005

Tot Ion:106 Resp: 84269

Ion Ratio Lower Upper

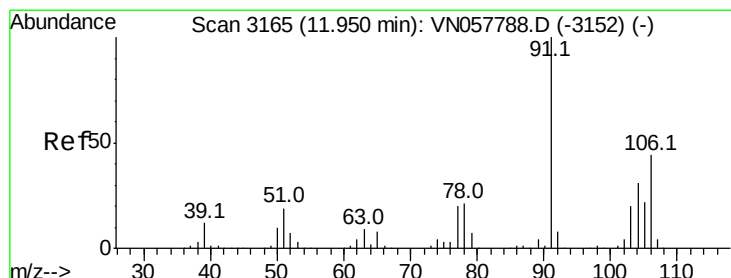
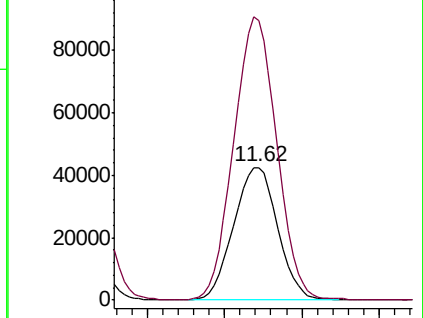
106 100

91 206.2 166.1 249.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 4.946 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN057787.D

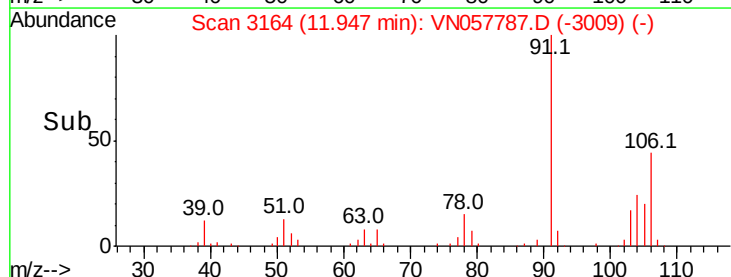
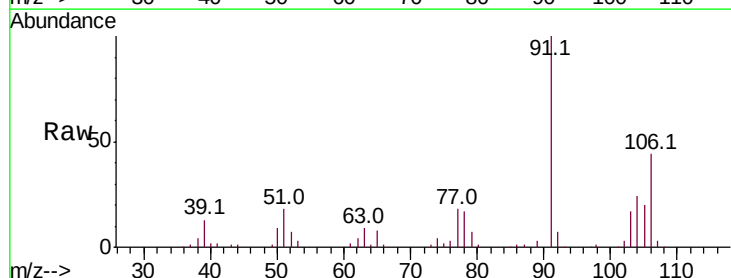
Acq: 9 Sep 2019 8:51

Tgt Ion:106 Resp: 40488

Ion Ratio Lower Upper

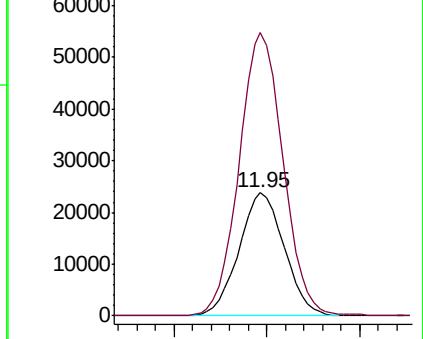
106 100

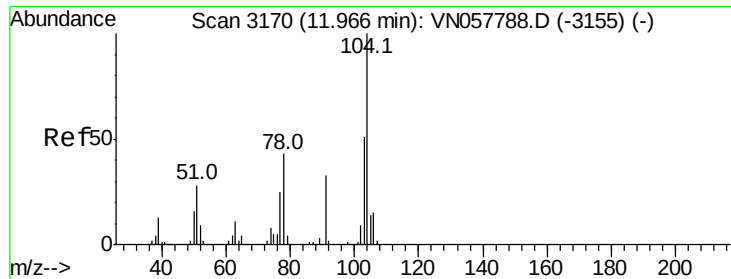
91 222.9 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

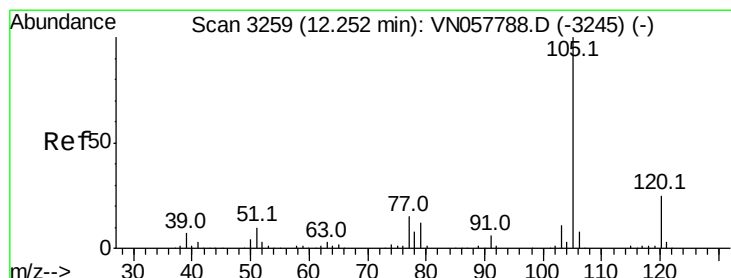
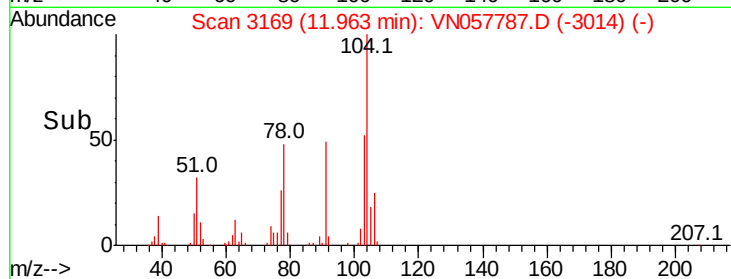
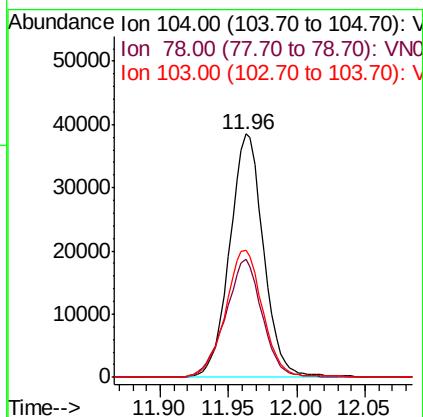
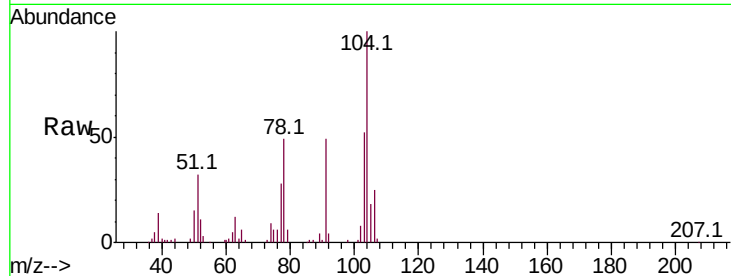




#69
Stvrene
Concen: 4.751 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

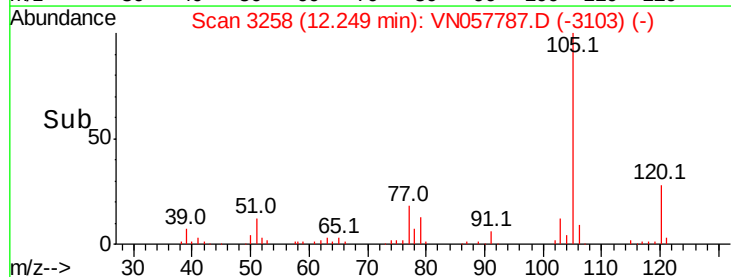
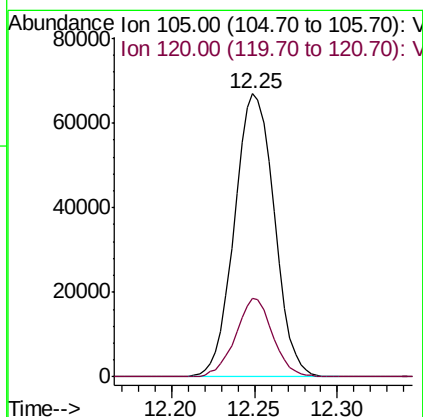
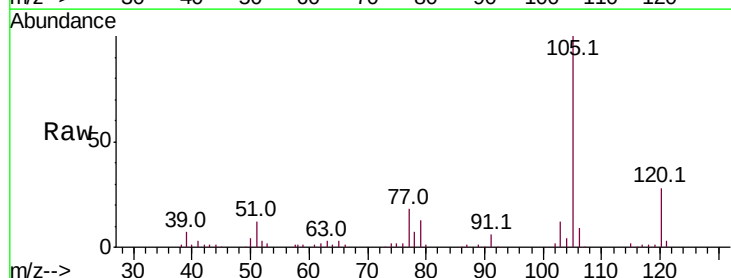
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

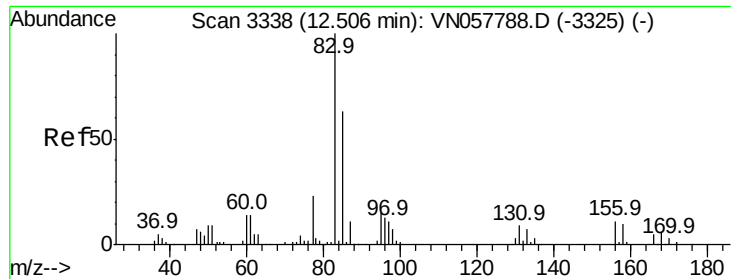
Tot Ion:104 Resp: 66299
Ion Ratio Lower Upper
104 100
78 52.7 41.5 62.3
103 57.1 44.8 67.2



#70
Isopropylbenzene
Concen: 5.174 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion:105 Resp: 111973
Ion Ratio Lower Upper
105 100
120 25.9 17.6 32.6

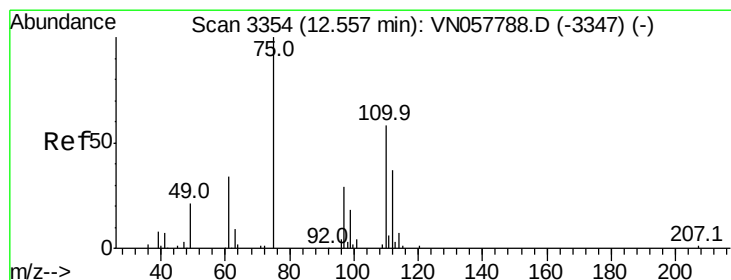
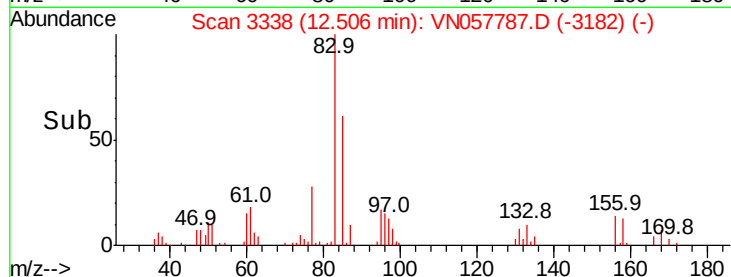
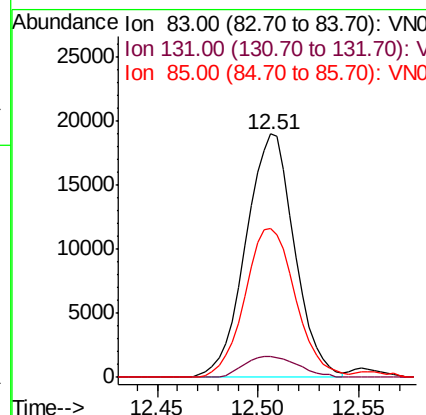
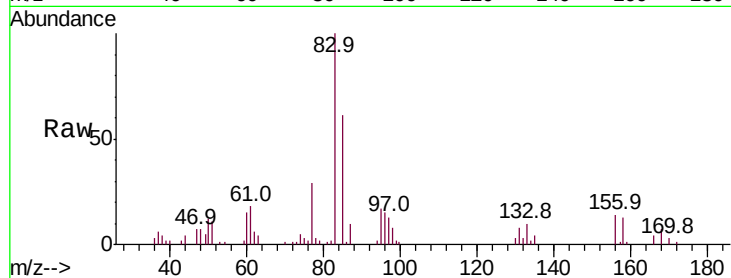




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.739 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

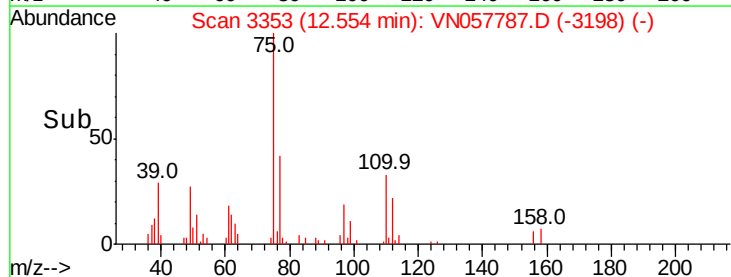
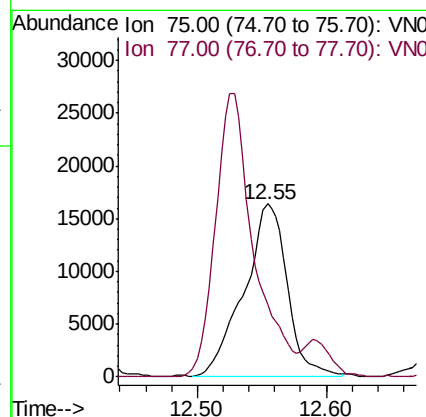
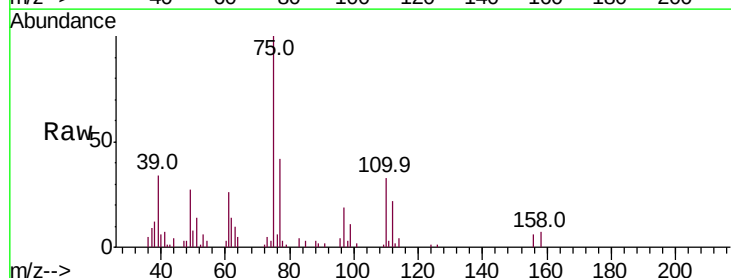
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

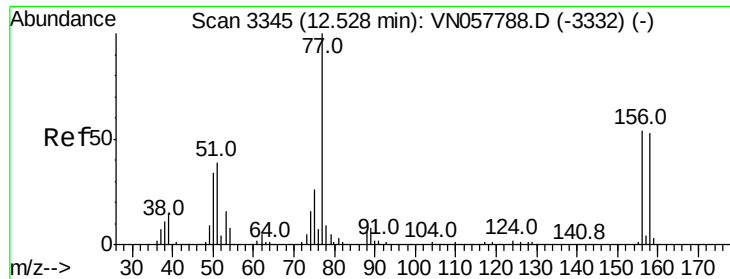
Tot Ion	83	Resp	32052
Ion Ratio	100	Lower	Upper
83	100		
131	9.4	4.9	14.6
85	63.6	32.1	96.3



#72
 1,2,3-Trichloropropane
 Concen: 6.488 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion	75	Resp	38399
Ion Ratio	100	Lower	Upper
75	100		
77	144.3	0.0	351.6





#73

Bromobenzene

Concen: 5.057 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

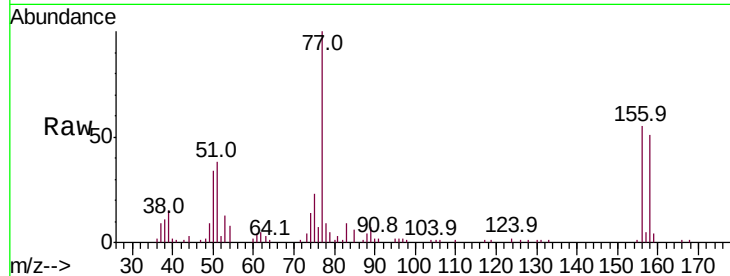
Tot Ion:156 Resp: 26200

Ion Ratio Lower Upper

156 100

77 211.4 0.0 446.6

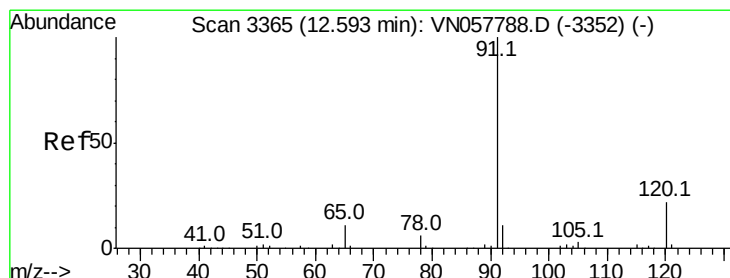
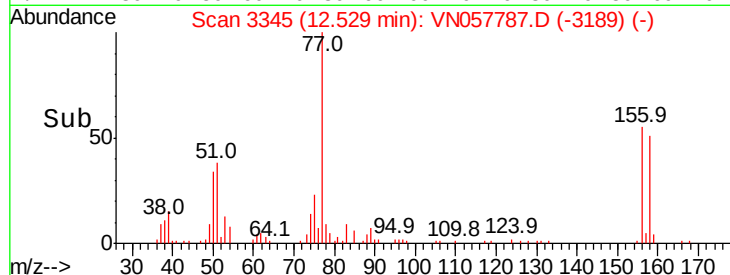
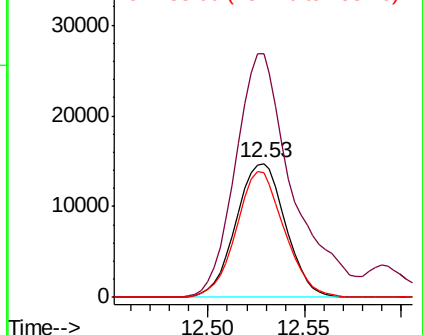
158 91.7 0.0 197.2



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: 5.279 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057787.D

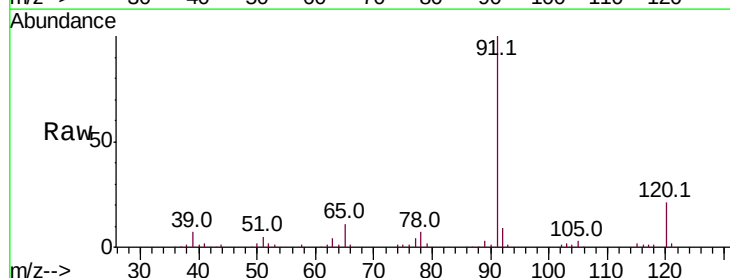
Acq: 9 Sep 2019 8:51

Tgt Ion: 91 Resp: 130523

Ion Ratio Lower Upper

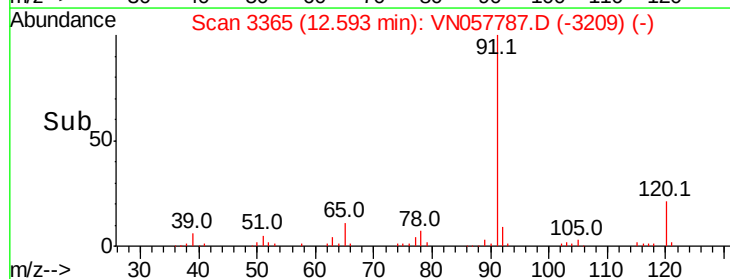
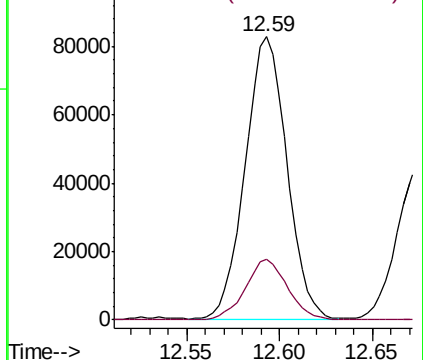
91 100

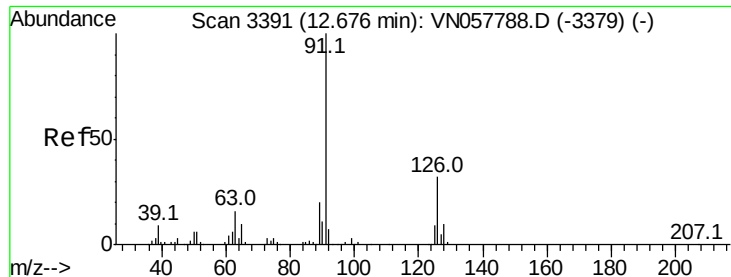
120 21.4 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.083 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

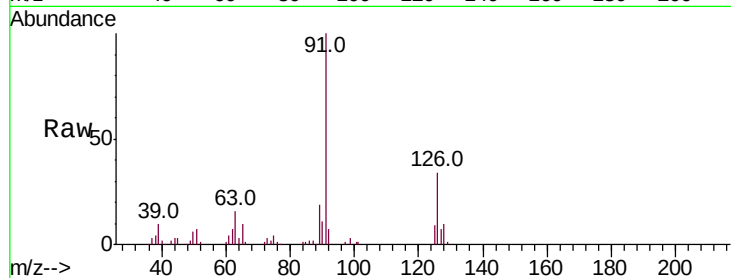
VSTDIC005

Tot Ion: 91 Resp: 78284

Ion Ratio Lower Upper

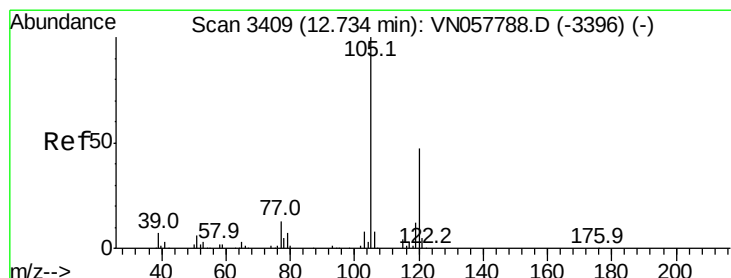
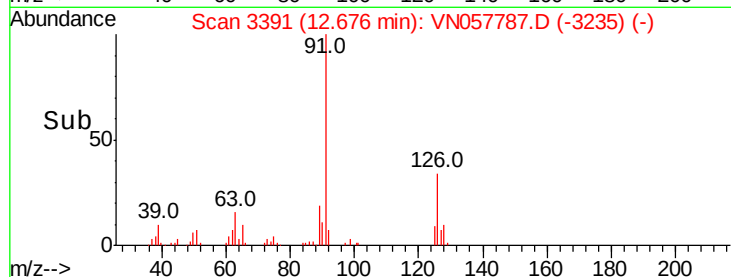
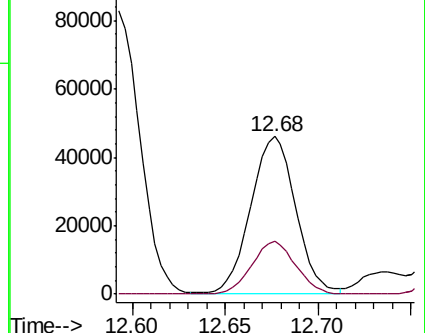
91 100

126 32.5 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VN057788.D (-3379) (-)

Ion 126.00 (125.70 to 126.70): VN057788.D (-3379) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.993 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057787.D

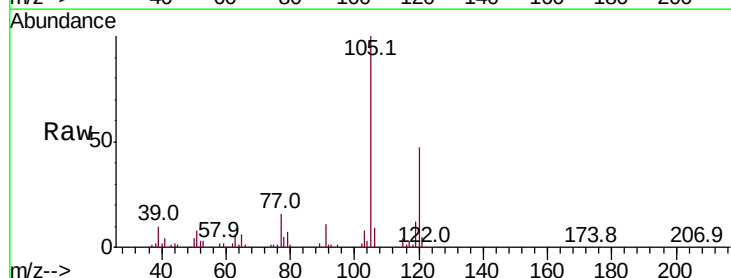
Acq: 9 Sep 2019 8:51

Tgt Ion: 105 Resp: 92010

Ion Ratio Lower Upper

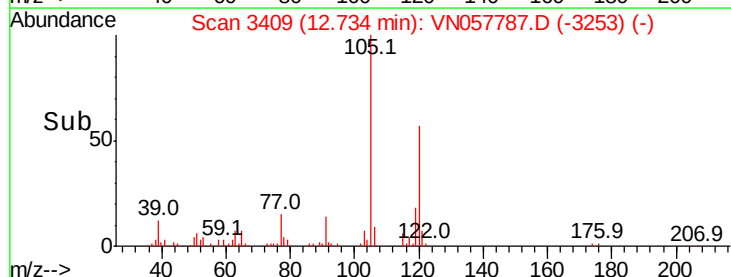
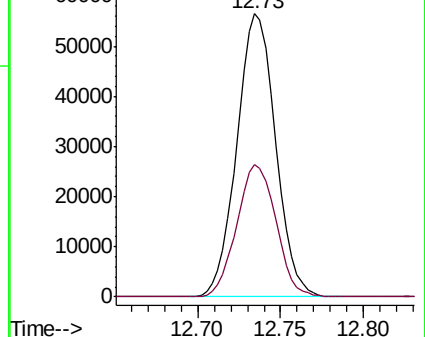
105 100

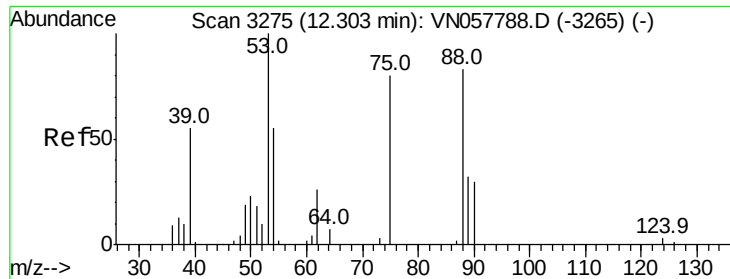
120 47.3 0.0 94.4



Abundance Ion 105.00 (104.70 to 105.70): VN057788.D (-3396) (-)

Ion 120.00 (119.70 to 120.70): VN057788.D (-3396) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 3.350 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

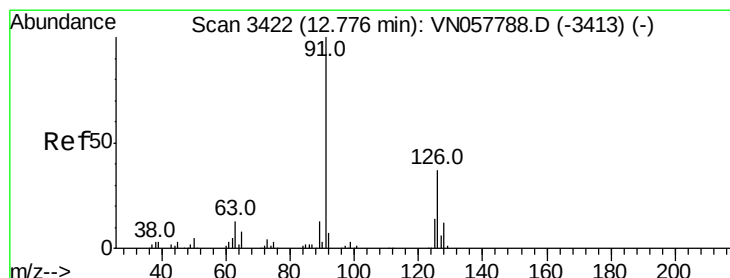
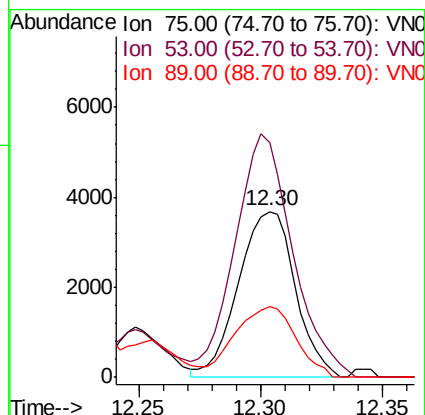
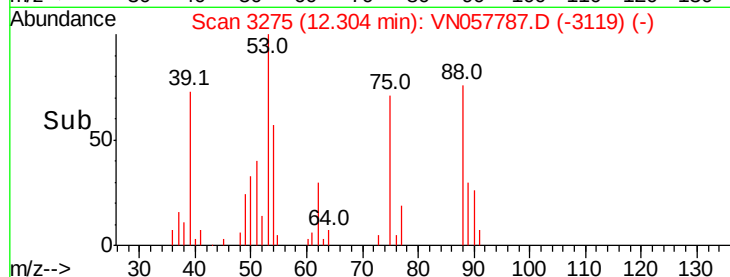
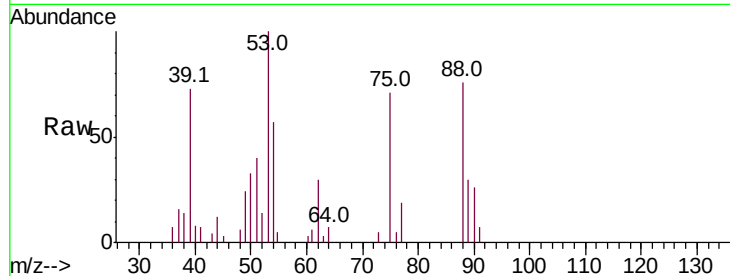
Tot Ion: 75 Resp: 5965

Ion Ratio Lower Upper

75 100

53 133.1 62.7 188.2

89 43.0 22.8 68.3



#78

4-Chlorotoluene

Concen: 4.834 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057787.D

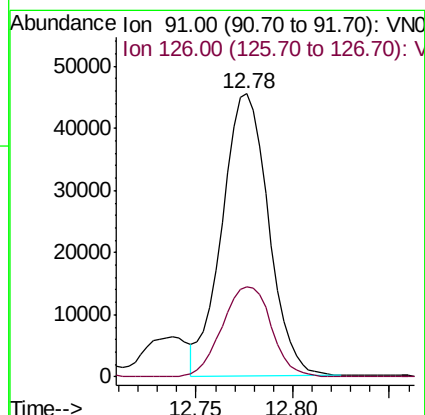
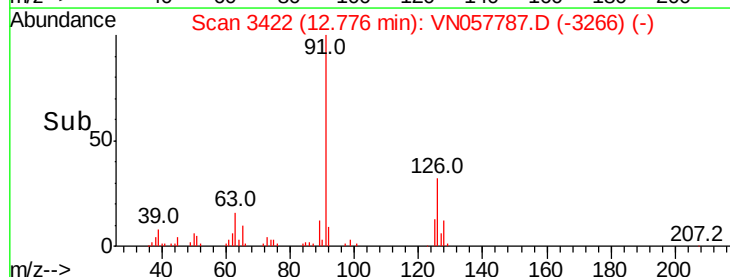
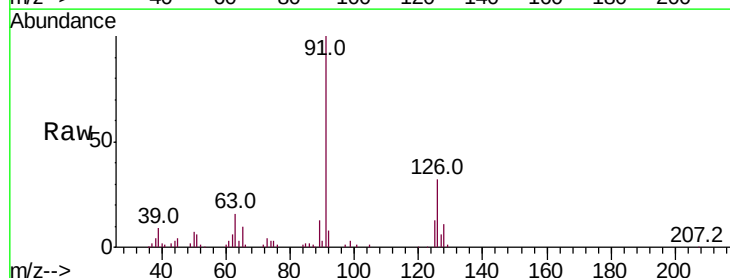
Acq: 9 Sep 2019 8:51

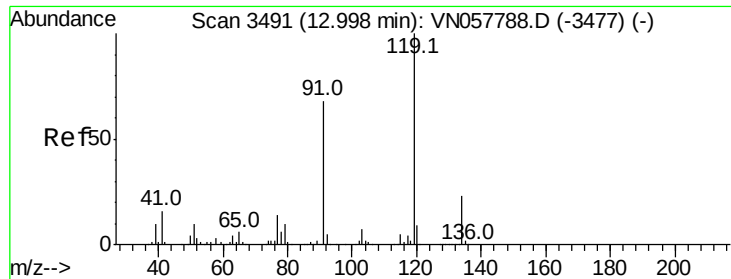
Tgt Ion: 91 Resp: 75934

Ion Ratio Lower Upper

91 100

126 33.9 0.0 65.2

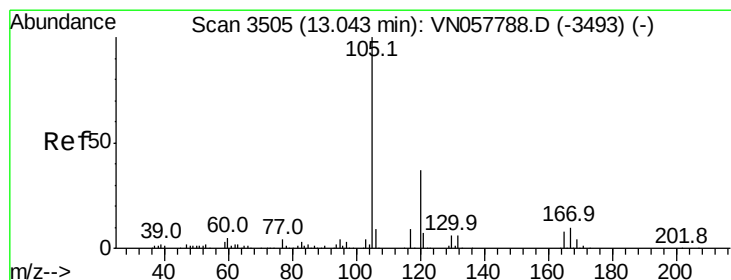
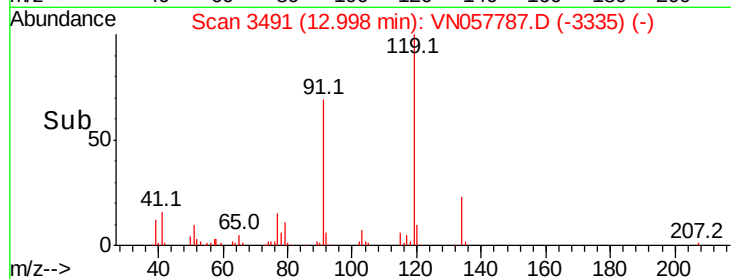
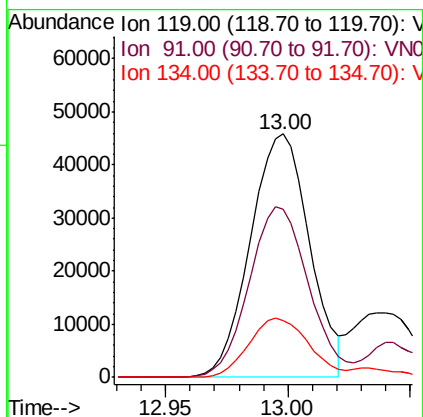
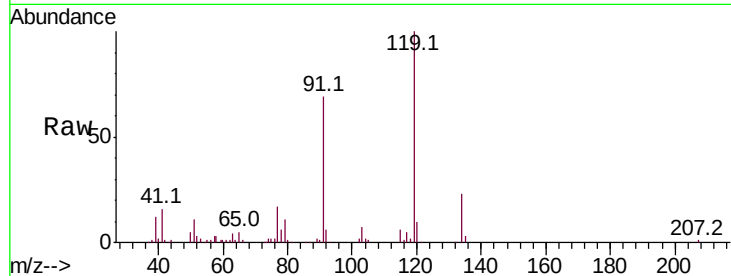




#79
tert-butylbenzene
Concen: 4.802 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

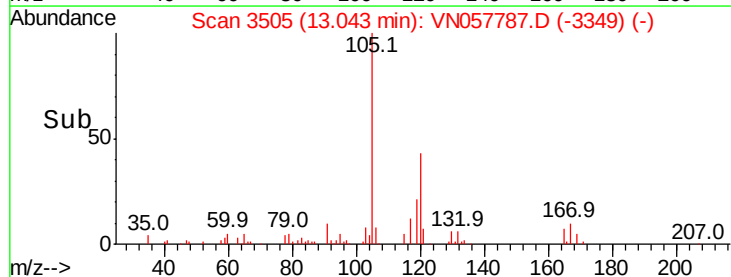
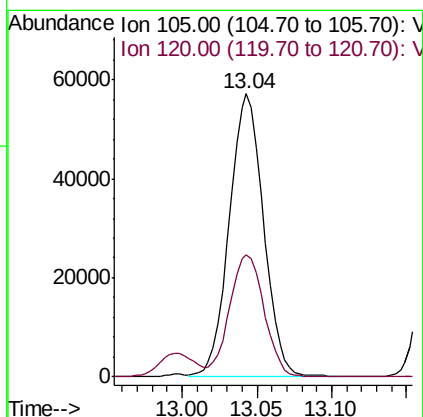
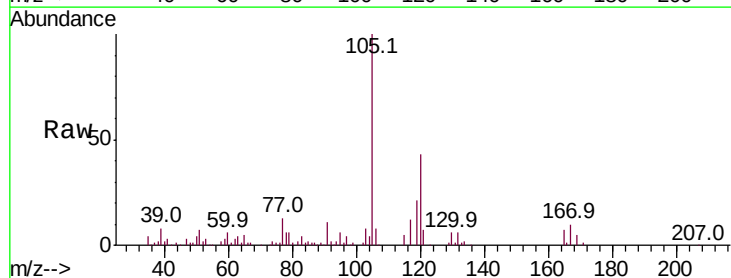
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

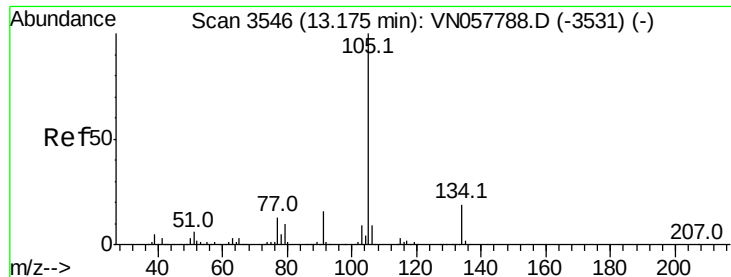
Tot Ion:119 Resp: 77204
Ion Ratio Lower Upper
119 100
91 70.8 0.0 133.8
134 24.6 0.0 46.4



#80
1,2,4-Trimethylbenzene
Concen: 4.952 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion:105 Resp: 90914
Ion Ratio Lower Upper
105 100
120 43.9 0.0 87.8





#81

sec-Butylbenzene

Concen: 5.152 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

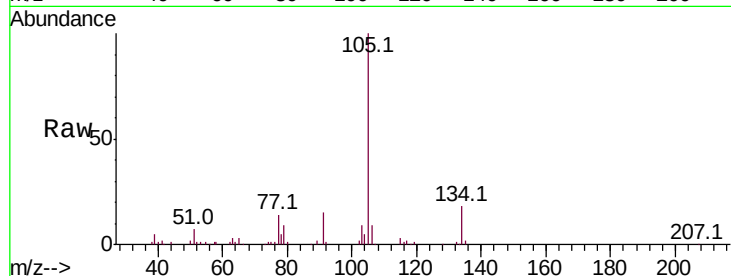
VSTDIC005

Tot Ion:105 Resp: 109881

Ion Ratio Lower Upper

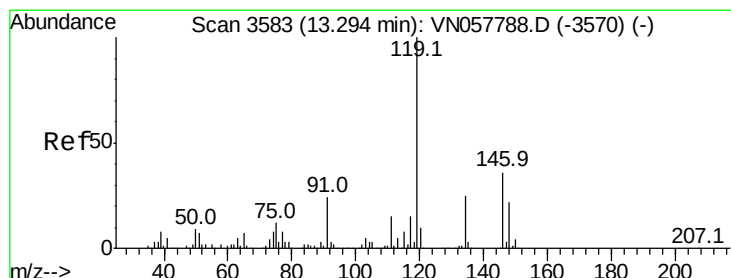
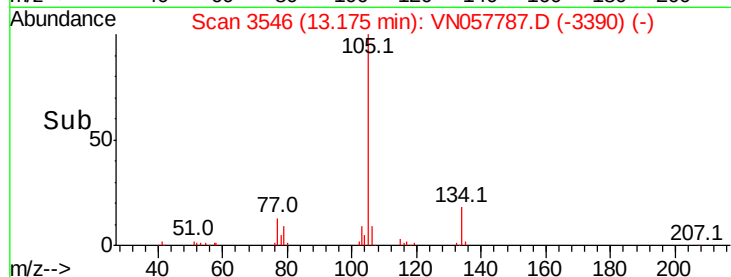
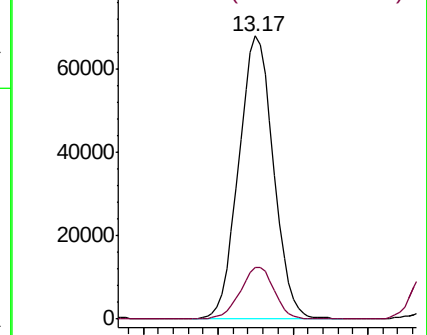
105 100

134 17.8 0.0 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 4.906 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

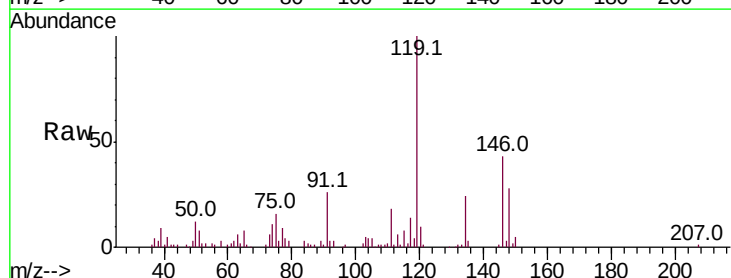
Tgt Ion:119 Resp: 93713

Ion Ratio Lower Upper

119 100

134 25.5 0.0 50.4

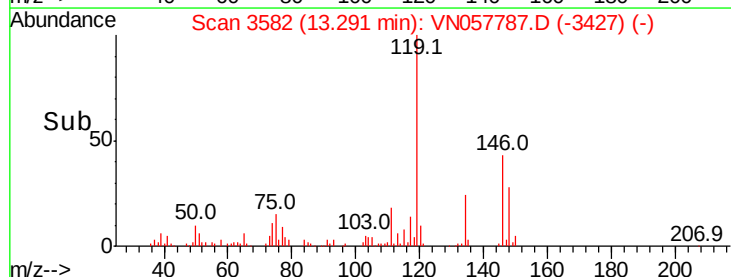
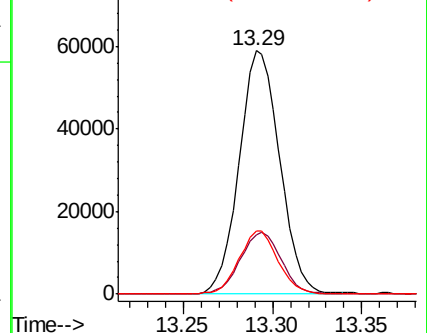
91 25.0 0.0 48.8

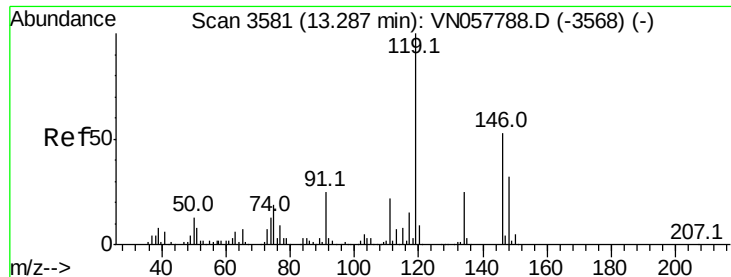


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO

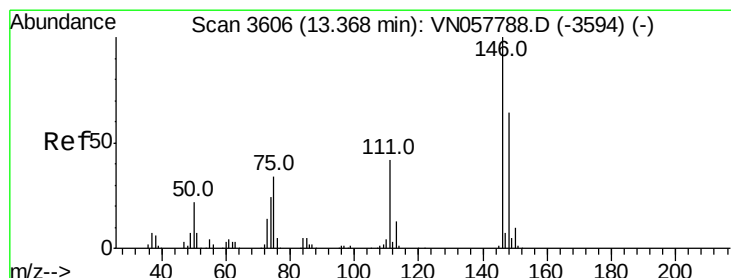
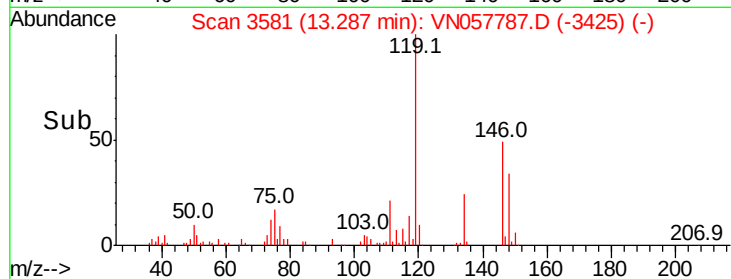
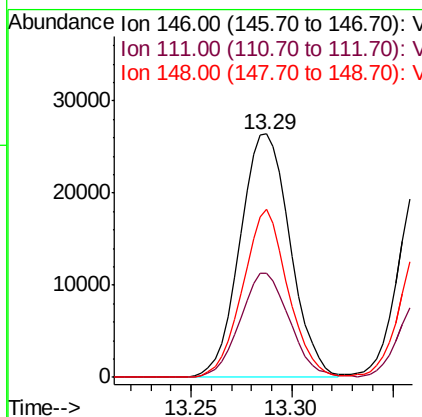
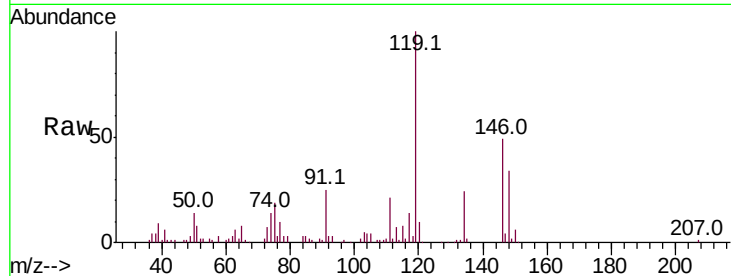




#83
 1,3-Dichlorobenzene
 Concen: 4.774 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

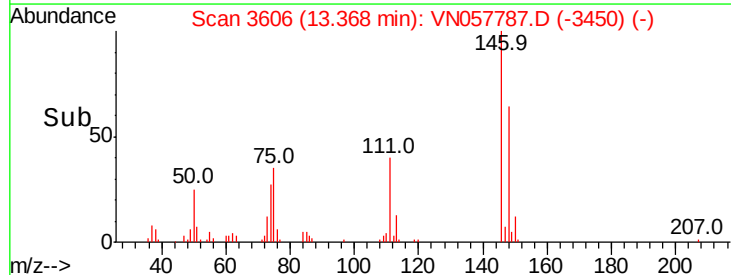
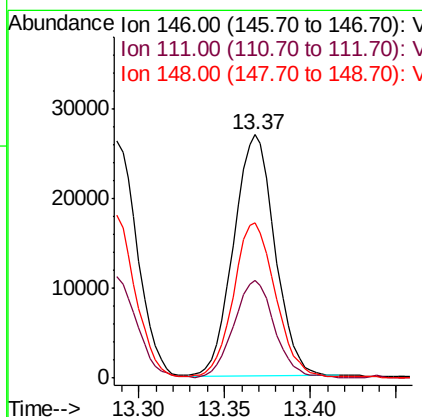
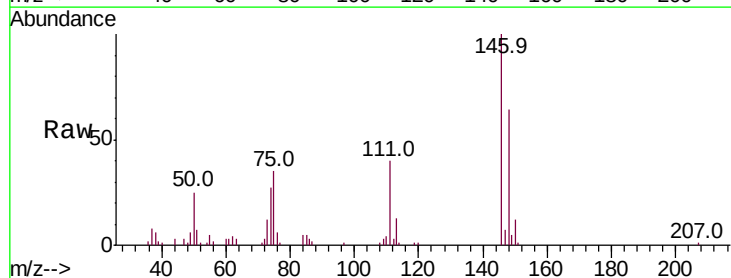
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

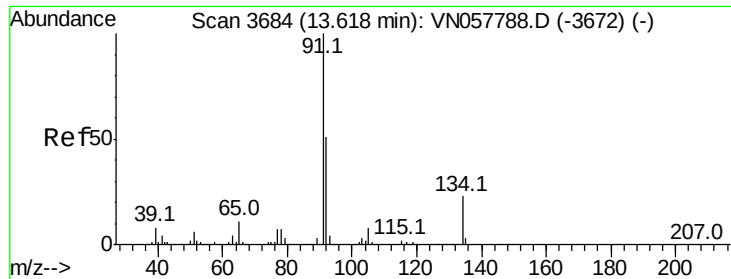
Tot Ion:146 Resp: 45974
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.7 62.1
 148 62.2 30.9 92.5



#84
 1,4-Dichlorobenzene
 Concen: 4.732 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion:146 Resp: 44860
 Ion Ratio Lower Upper
 146 100
 111 40.1 21.1 63.4
 148 64.3 31.7 95.1

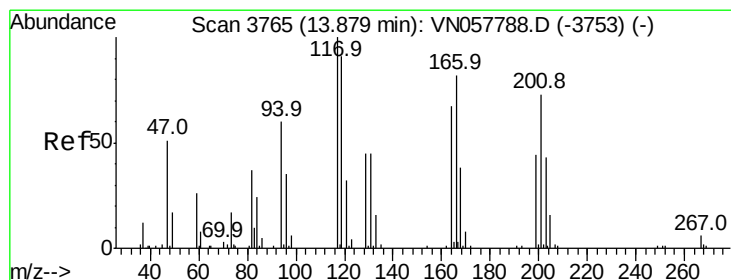
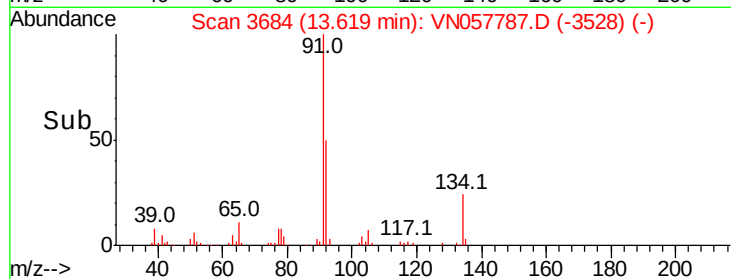
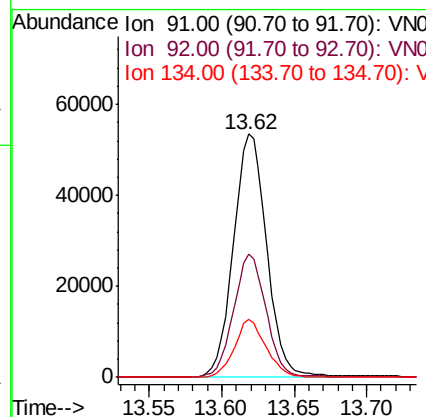
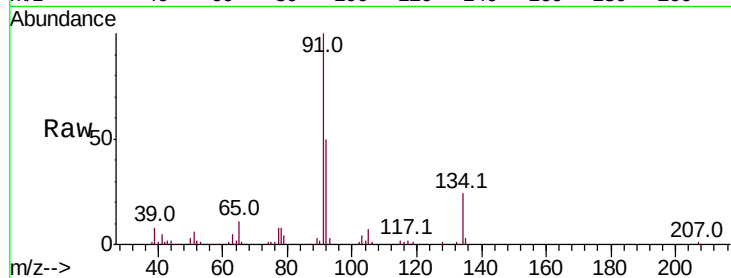




#85
n-Butylbenzene
Concen: 4.789 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

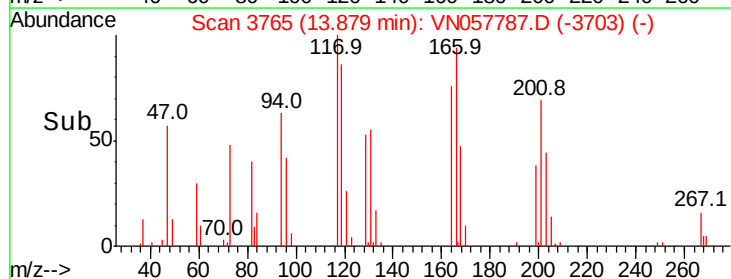
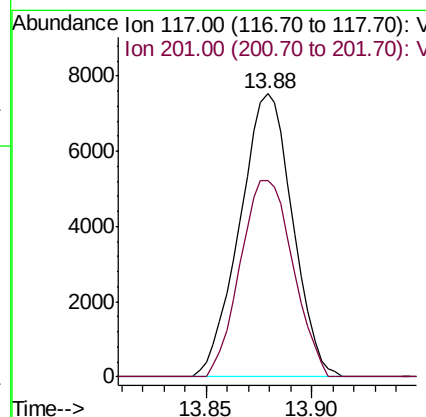
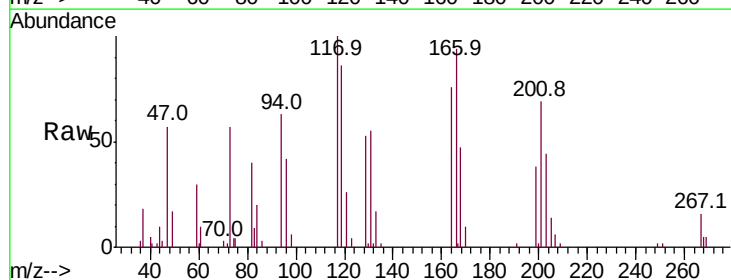
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

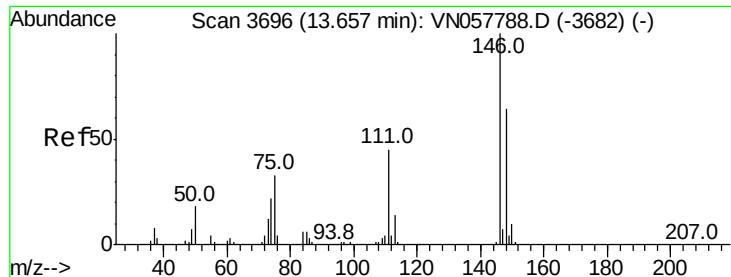
Tot Ion: 91 Resp: 85249
Ion Ratio Lower Upper
91 100
92 49.3 0.0 100.0
134 22.6 0.0 46.6



#86
Hexachloroethane
Concen: 4.315 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057787.D
Acq: 9 Sep 2019 8:51

Tgt Ion: 117 Resp: 13130
Ion Ratio Lower Upper
117 100
201 69.2 36.7 110.1

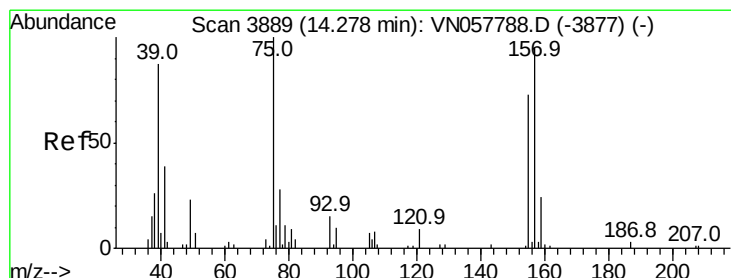
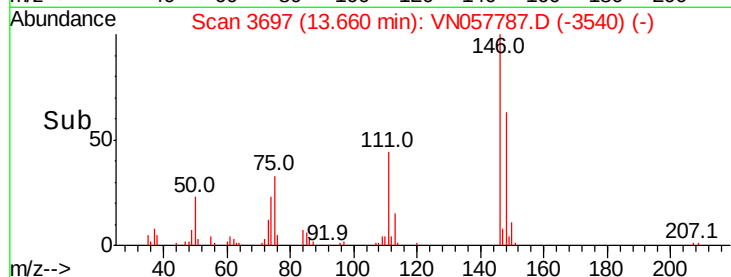
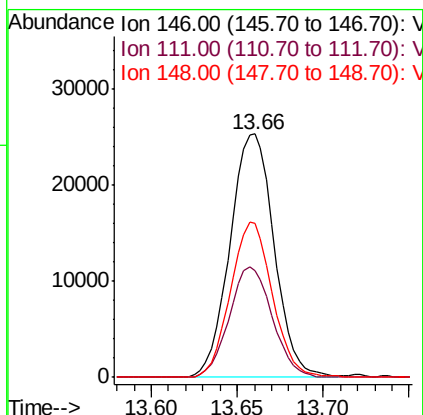
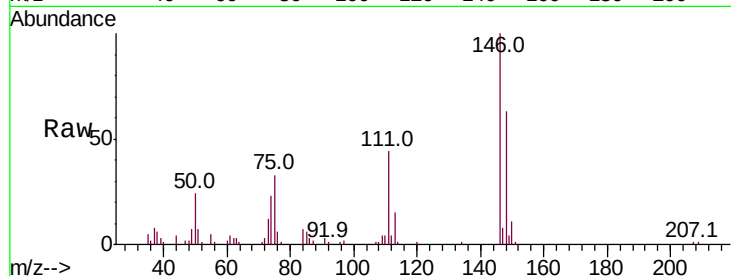




#87
 1,2-Dichlorobenzene
 Concen: 4.846 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

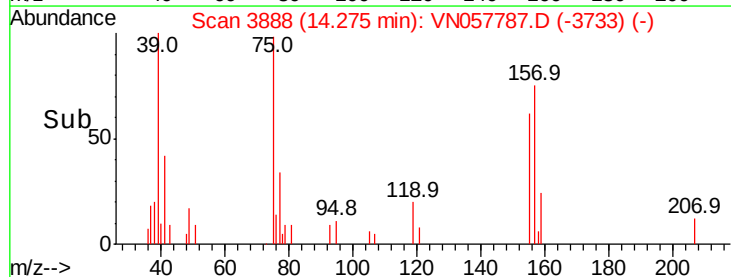
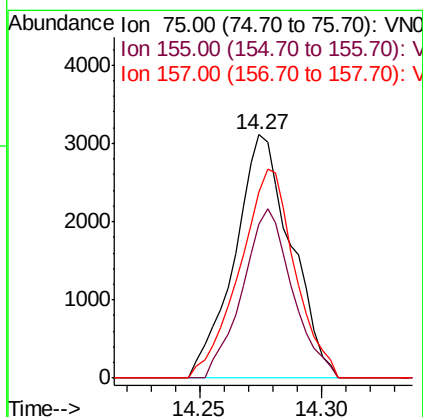
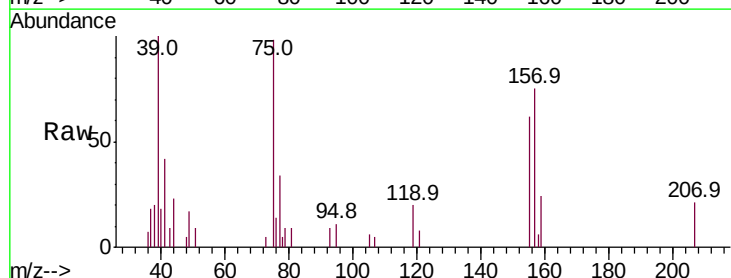
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

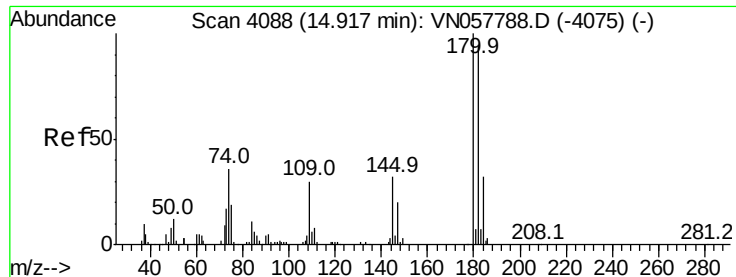
Tot Ion:146 Resp: 45297
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.2 66.6
 148 60.5 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.186 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion: 75 Resp: 4985
 Ion Ratio Lower Upper
 75 100
 155 61.5 59.4 89.2
 157 84.1 74.6 112.0

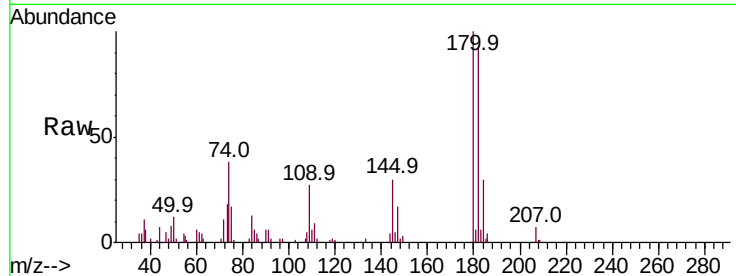




#89
 1,2,4-Trichlorobenzene
 Concen: 4.398 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.4
145	29.7	26.1	39.1

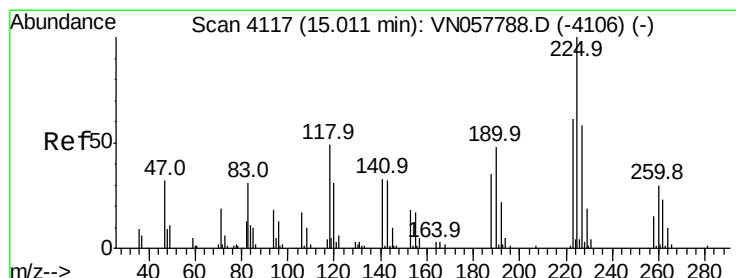
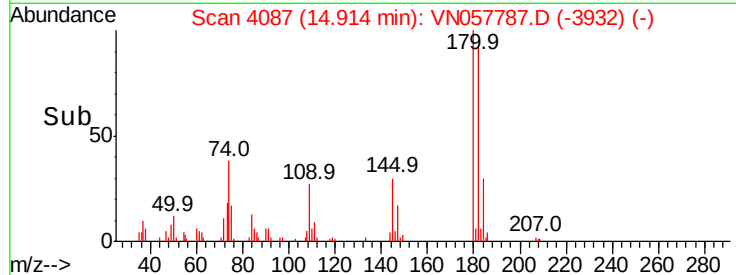
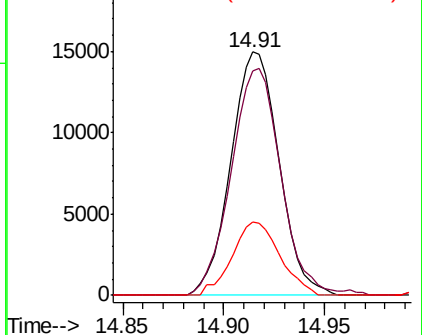


Abundance

Ion 180.00 (179.70 to 180.70): V

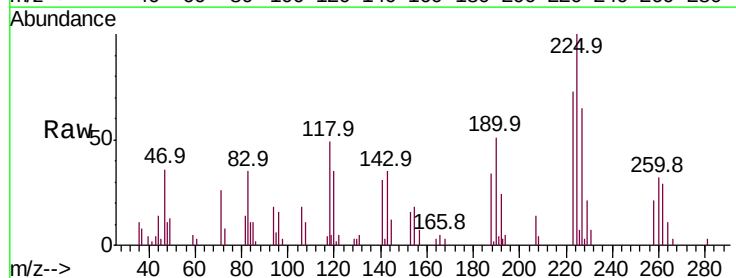
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 4.551 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057787.D
 Acq: 9 Sep 2019 8:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	70.3	0.0	125.0
227	66.3	0.0	123.8

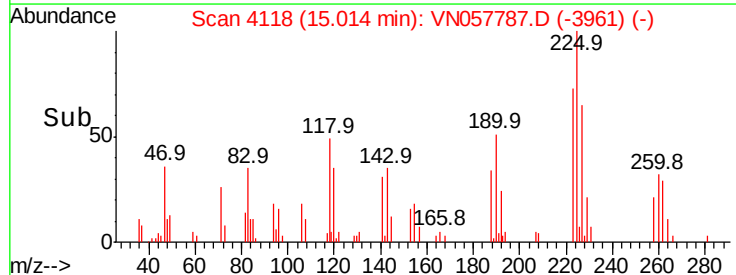
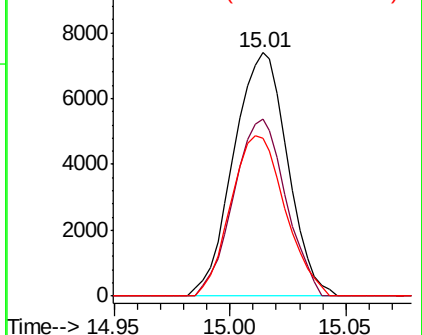


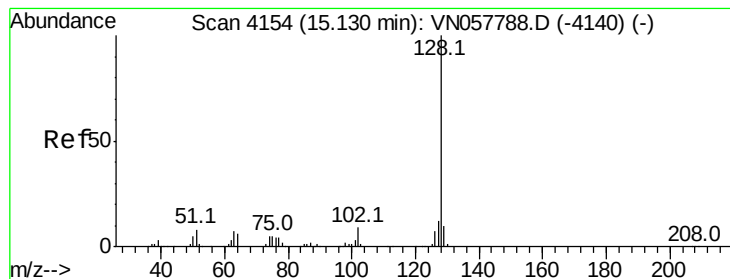
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 4.140 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

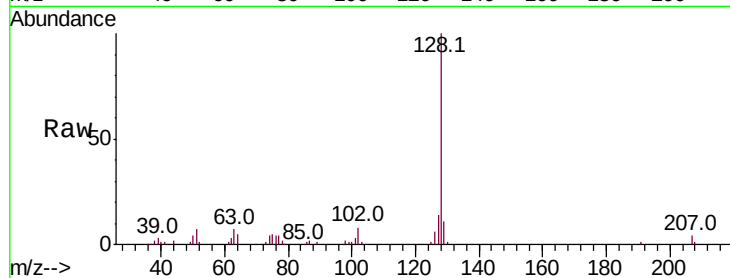
Tot Ion:128 Resp: 65052

Ion Ratio Lower Upper

128 100

127 13.7 9.9 14.9

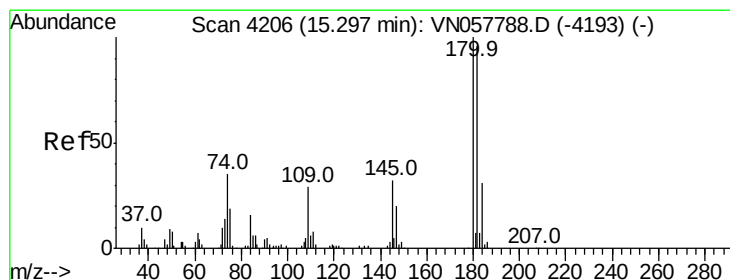
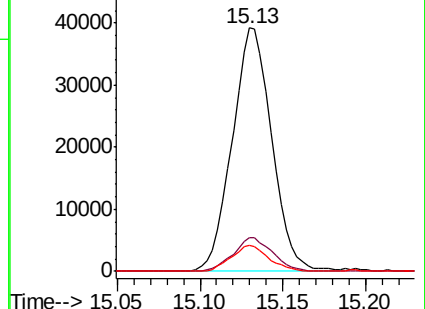
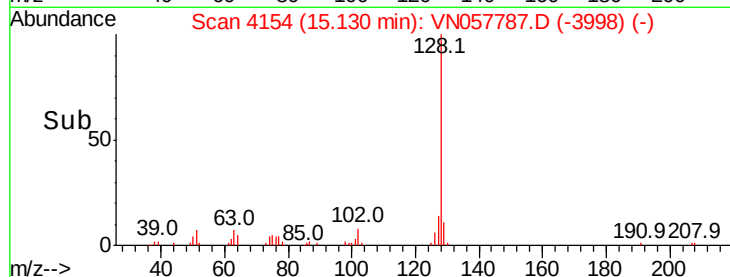
129 10.0 8.1 12.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 4.354 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057787.D

Acq: 9 Sep 2019 8:51

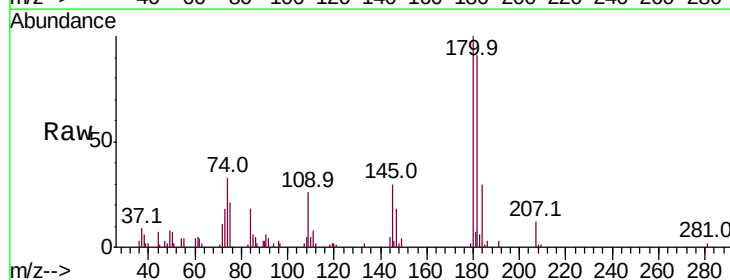
Tgt Ion:180 Resp: 23709

Ion Ratio Lower Upper

180 100

182 93.4 0.0 189.8

145 32.9 0.0 65.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

