

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
 Data File : VN059479.D
 Acq On : 4 Dec 2019 11:34
 Operator : JC/SP
 Sample : VN1204WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 05 00:43:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	370339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	583310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	519489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	233985	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	234458	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.57	113	184378	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.08	98	723236	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	249042	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	71773	17.416	ug/l	100
3) Chloromethane	2.04	50	98091	17.759	ug/l	100
4) Vinyl Chloride	2.17	62	60088	18.129	ug/l	100
5) Bromomethane	2.55	94	35003	17.378	ug/l	99
6) Chloroethane	2.68	64	34355	17.556	ug/l	96
7) Trichlorofluoromethane	3.00	101	75591	18.884	ug/l	98
8) Diethyl Ether	3.38	74	45896	17.597	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	71005	18.070	ug/l	100
10) Methyl Iodide	3.92	142	84725	17.028	ug/l	99
11) Tert butyl alcohol	4.76	59	71882	82.916	ug/l	100
12) 1,1-Dichloroethene	3.71	96	67391	17.544	ug/l	98
13) Acrolein	3.58	56	57281	76.133	ug/l	98
14) Allyl chloride	4.29	41	133763	17.680	ug/l	98
15) Acrylonitrile	4.95	53	206103	87.876	ug/l	100
16) Acetone	3.79	43	232907	87.267	ug/l	100
17) Carbon Disulfide	4.02	76	224814	17.153	ug/l	98
18) Methyl Acetate	4.30	43	105486	17.033	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	234479	17.911	ug/l	98
20) Methylene Chloride	4.52	84	79459	17.559	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	77427	18.015	ug/l	97
22) Diisopropyl ether	5.92	45	260181	18.477	ug/l	98
23) Vinyl Acetate	5.86	43	1058875	93.711	ug/l	100
24) 1,1-Dichloroethane	5.82	63	145798	18.226	ug/l	100
25) 2-Butanone	6.81	43	290867	83.180	ug/l	98
26) 2,2-Dichloropropane	6.80	77	126810	18.328	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	85855	17.986	ug/l	99
28) Bromochloromethane	7.17	49	57074	18.697	ug/l	99
29) Tetrahydrofuran	7.19	42	186680	84.902	ug/l	99
30) Chloroform	7.35	83	139907	18.114	ug/l	99
31) Cyclohexane	7.63	56	139644	18.016	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	120480	17.947	ug/l	99
36) 1,1-Dichloropropene	7.77	75	108666	17.902	ug/l	99
37) Ethyl Acetate	6.90	43	115565	17.044	ug/l	99
38) Carbon Tetrachloride	7.75	117	104636	17.923	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	133122	18.224	ug/l	98
40) Benzene	8.02	78	322253	18.129	ug/l	98
41) Methacrylonitrile	7.14	41	38778	14.112	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	110733	18.339	ug/l	99
43) Isopropyl Acetate	8.15	43	177597	17.611	ug/l	99
44) Trichloroethene	8.82	130	81210	17.483	ug/l	98
45) 1,2-Dichloropropane	9.10	63	87478	18.421	ug/l	99
46) Dibromomethane	9.19	93	53453	18.079	ug/l	99
47) Bromodichloromethane	9.39	83	107416	18.119	ug/l	99
48) Methyl methacrylate	9.18	41	77730	17.085	ug/l	99
49) 1,4-Dioxane	9.19	88	24182	351.256	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	539708	90.161	ug/l	98
52) Toluene	10.14	92	194166	18.061	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	123169	17.657	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	134365	18.172	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	75496	17.814	ug/l	97
56) Ethyl methacrylate	10.42	69	109525	16.952	ug/l	99
57) 1,3-Dichloropropane	10.70	76	133106	18.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	171830	84.595	ug/l	99
59) 2-Hexanone	10.74	43	395200	87.726	ug/l	99
60) Dibromochloromethane	10.90	129	80032	17.687	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78176	17.852	ug/l	100
64) Tetrachloroethene	10.62	164	78430	17.749	ug/l	99
65) Chlorobenzene	11.43	112	202944	17.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	74979	18.374	ug/l	98
67) Ethyl Benzene	11.51	91	362737	18.230	ug/l	99
68) m/p-Xylenes	11.62	106	270131	36.461	ug/l	98
69) o-Xylene	11.94	106	128224	18.179	ug/l	100
70) Styrene	11.96	104	198870	17.662	ug/l	99
71) Bromoform	12.12	173	56349	17.716	ug/l #	99
73) Isopropylbenzene	12.25	105	339359	18.085	ug/l	100
74) N-amyl acetate	12.07	43	127616	16.884	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	109573	18.204	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	146875	25.246	ug/l #	100
77) Bromobenzene	12.53	156	82253	17.541	ug/l	99
78) n-propylbenzene	12.59	91	395220	18.098	ug/l	100
79) 2-Chlorotoluene	12.67	91	238552	18.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	287591	18.339	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	38181	17.223	ug/l	98
82) 4-Chlorotoluene	12.77	91	243893	17.957	ug/l	99
83) tert-Butylbenzene	12.99	119	243219	17.865	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	280482	18.302	ug/l	99
85) sec-Butylbenzene	13.17	105	326747	18.108	ug/l	100
86) p-Isopropyltoluene	13.29	119	296766	18.353	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	144586	17.488	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	144445	17.323	ug/l	98
89) n-Butylbenzene	13.62	91	248428	17.148	ug/l	99
90) Hexachloroethane	13.88	117	54747	17.555	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	139142	17.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21034	16.858	ug/l	99

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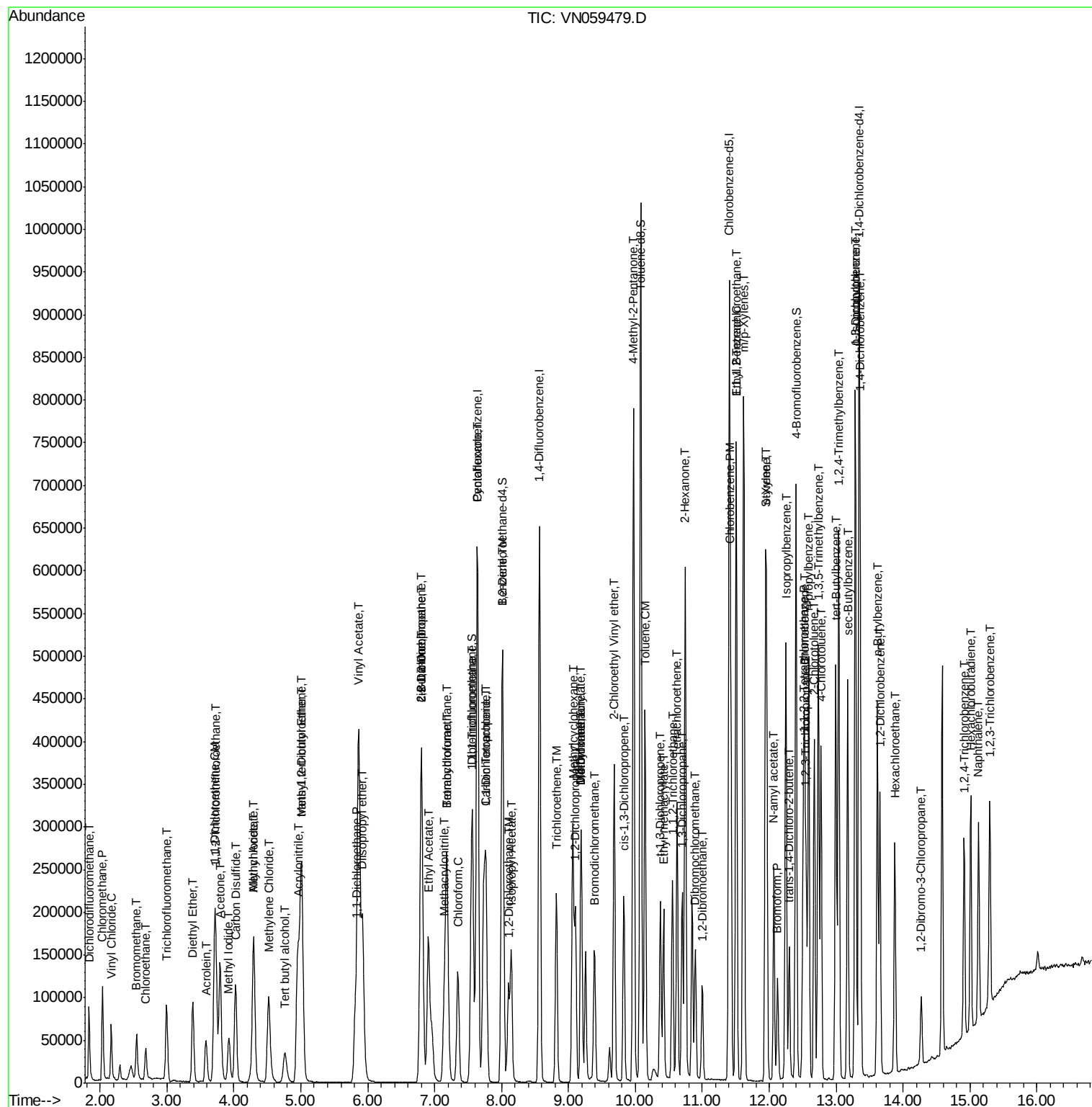
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	77253	15.966	ug/l	100
94) Hexachlorobutadiene	15.01	225	52441	18.279	ug/l	98
95) Naphthalene	15.13	128	192456	16.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	78378	17.457	ug/l	97

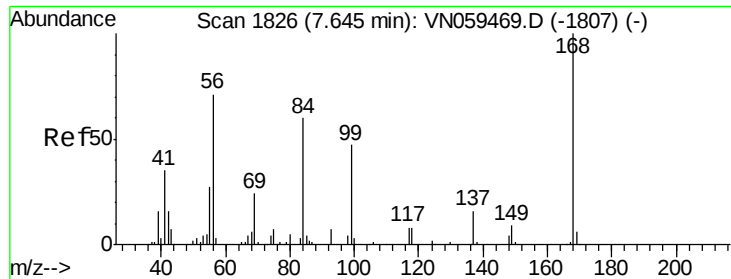
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

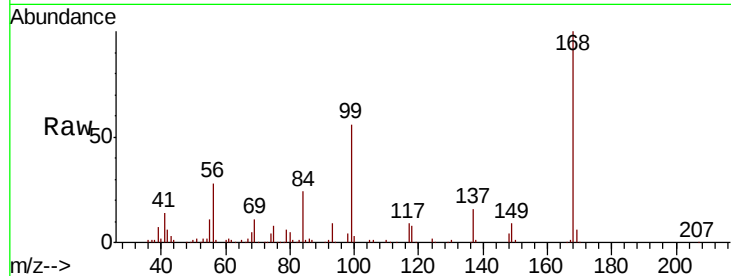
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 370339

Ion Ratio Lower Upper

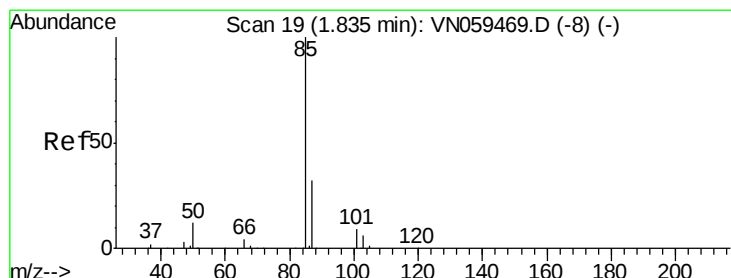
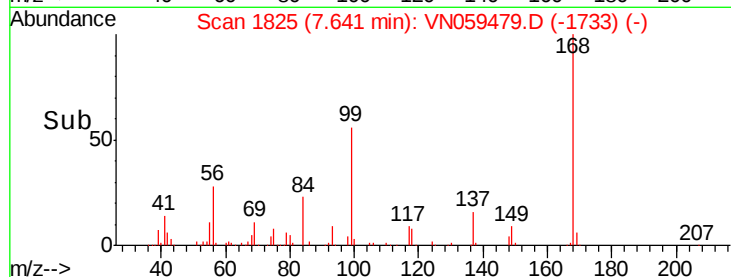
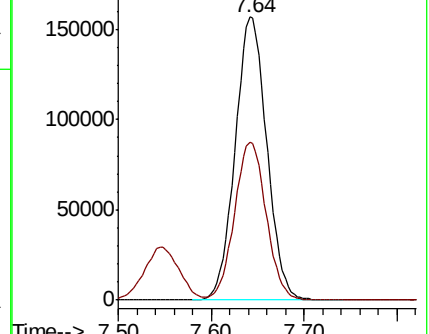
168 100

99 55.9 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.416 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059479.D

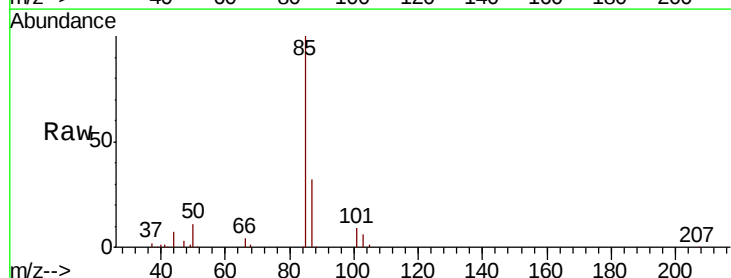
Acq: 4 Dec 2019 11:34

Tgt Ion: 85 Resp: 71773

Ion Ratio Lower Upper

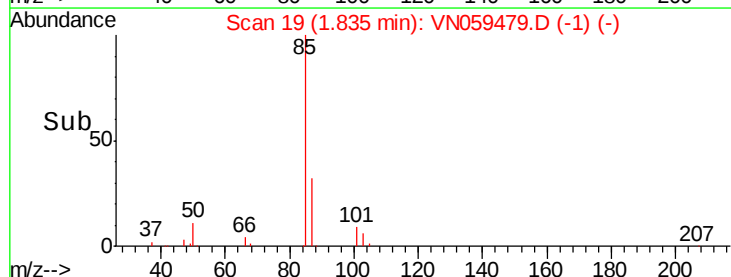
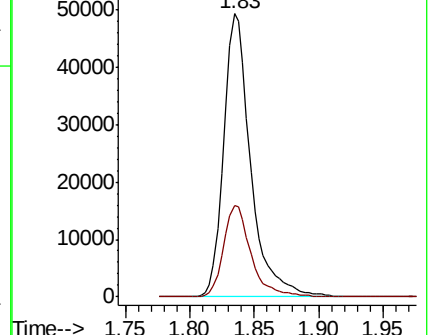
85 100

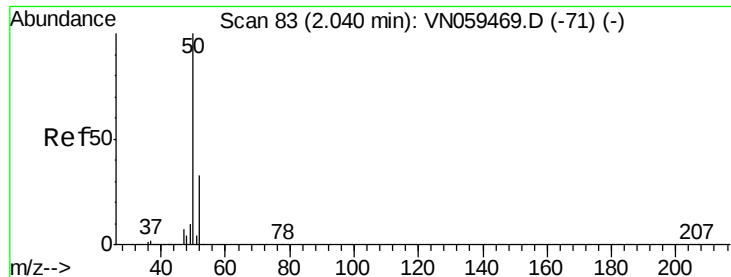
87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.759 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

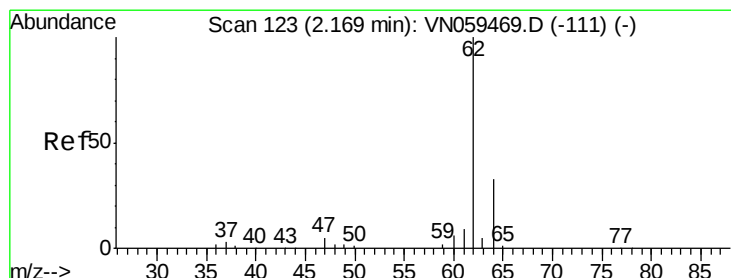
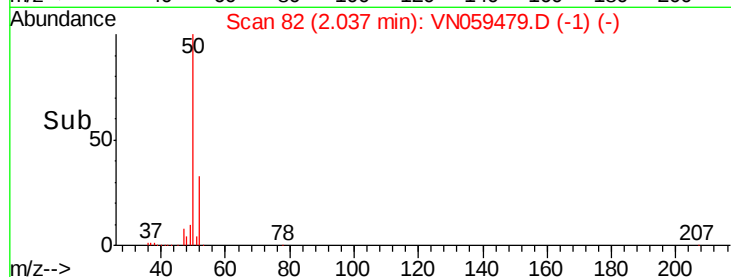
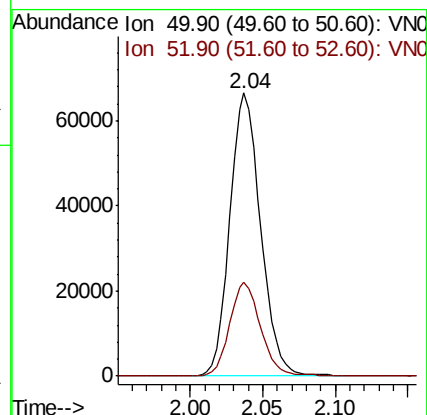
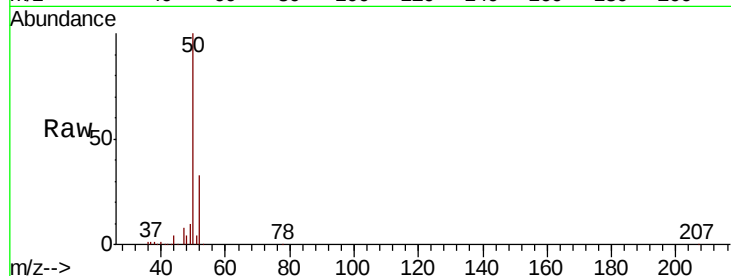
ClientSampleId :

Tot Ion: 50 Resp: 98091

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 18.129 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059479.D

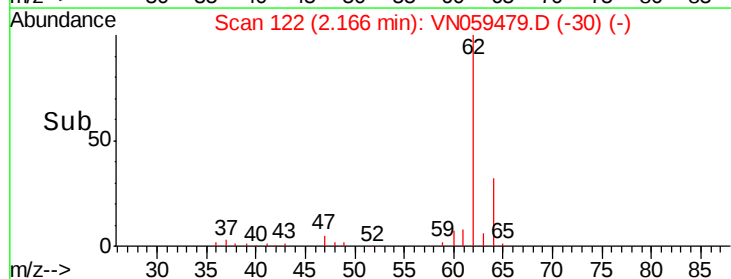
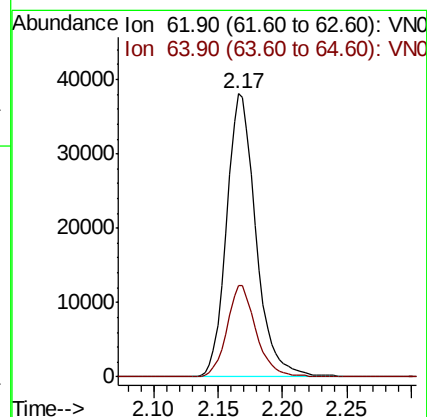
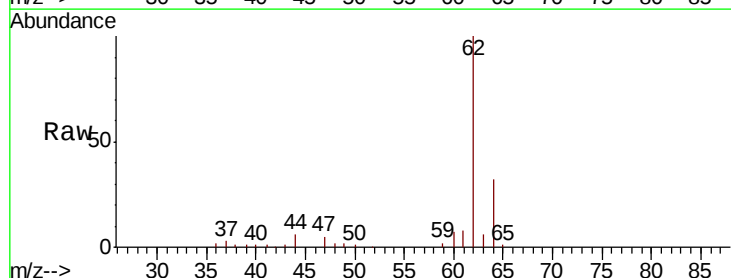
Acq: 4 Dec 2019 11:34

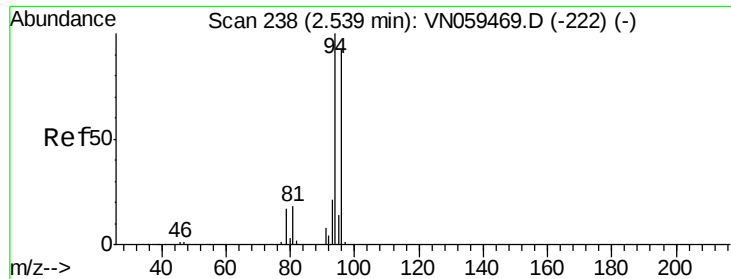
Tgt Ion: 62 Resp: 60088

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 17.378 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

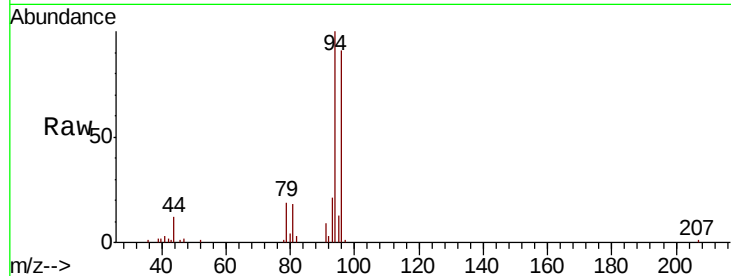
ClientSampleId :

Tot Ion: 94 Resp: 35003

Ion Ratio Lower Upper

94 100

96 90.9 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

20000

15000

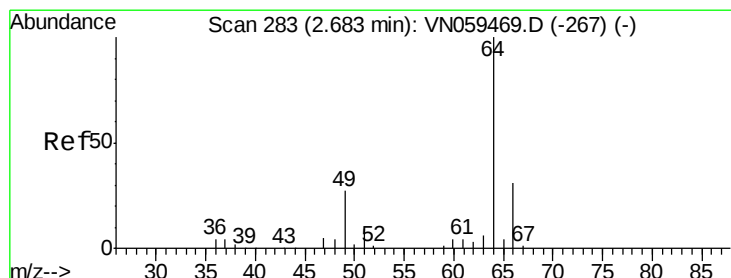
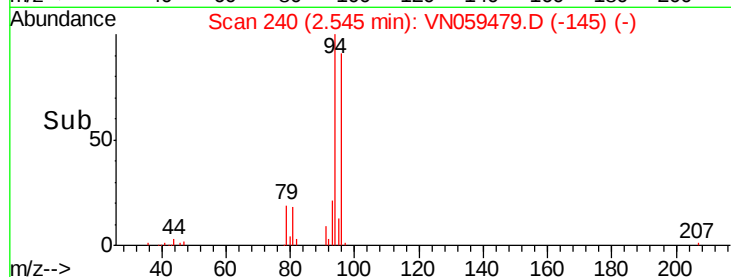
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 17.556 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059479.D

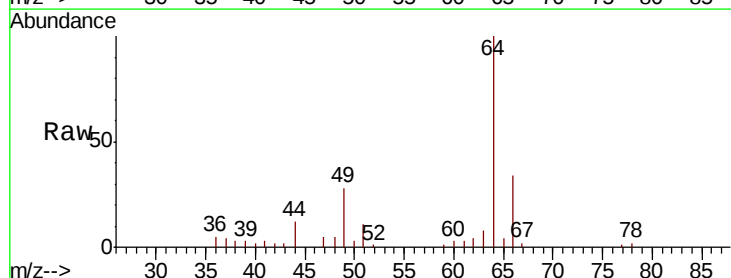
Acq: 4 Dec 2019 11:34

Tgt Ion: 64 Resp: 34355

Ion Ratio Lower Upper

64 100

66 33.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

15000

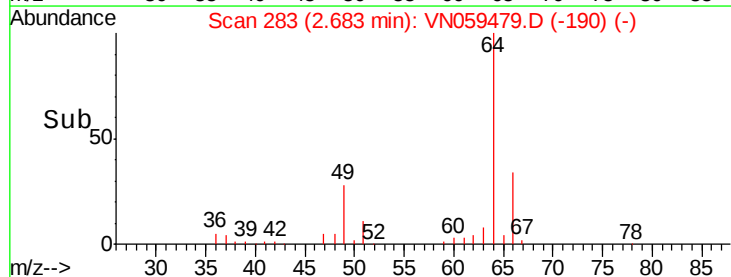
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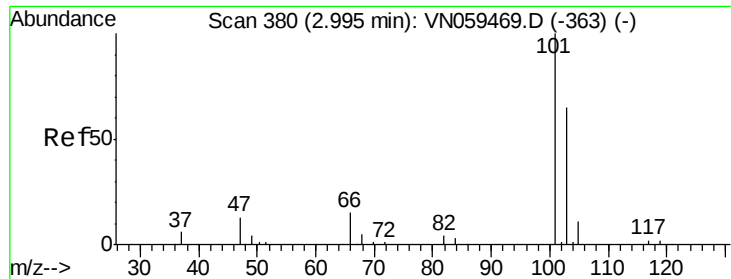
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



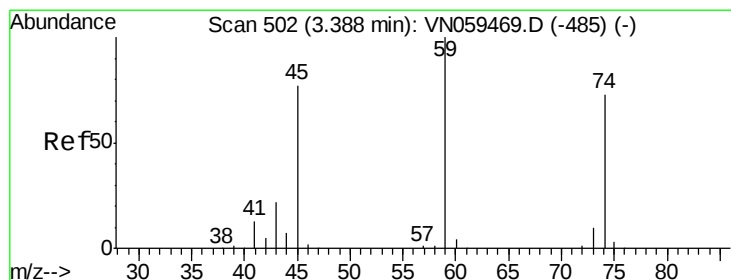
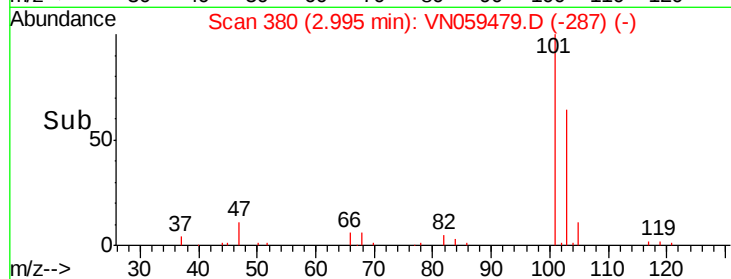
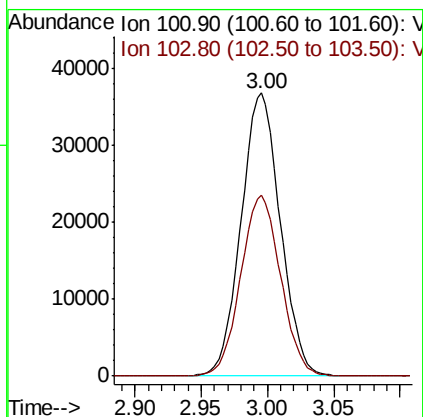
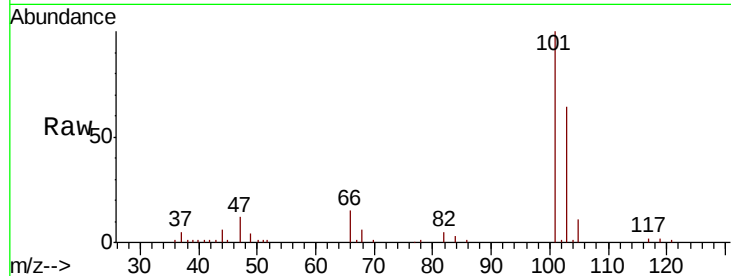


#7

Trichlorofluoromethane
 Concen: 18.884 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Instrument :
 MSVOA_N
 ClientSampled :

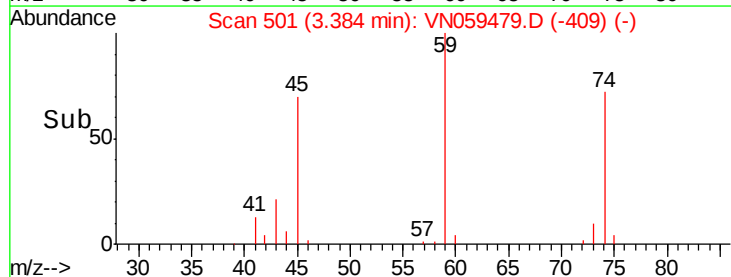
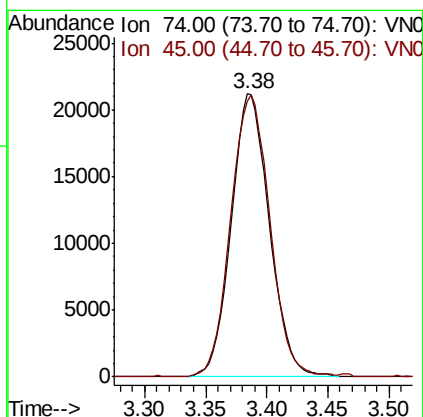
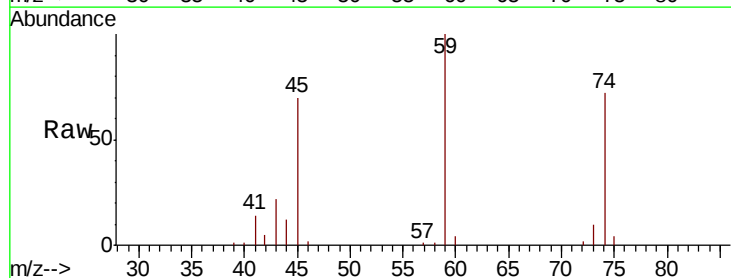
Tot Ion:101 Resp: 75591
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.4 78.6

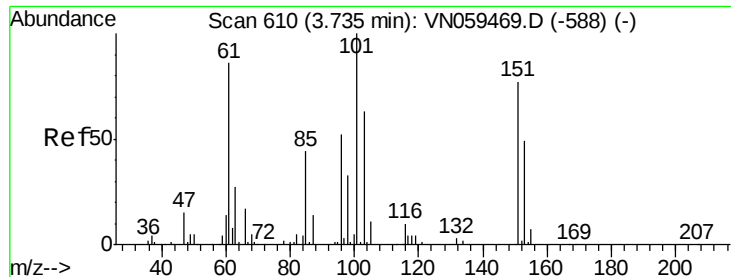


#8

Diethyl Ether
 Concen: 17.597 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Tgt Ion: 74 Resp: 45896
 Ion Ratio Lower Upper
 74 100
 45 102.6 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.070 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

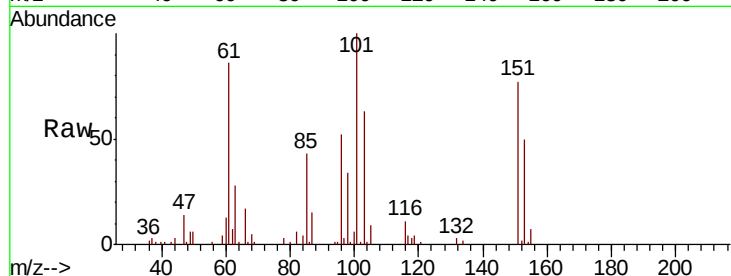
Tot Ion:101 Resp: 71005

Ion Ratio Lower Upper

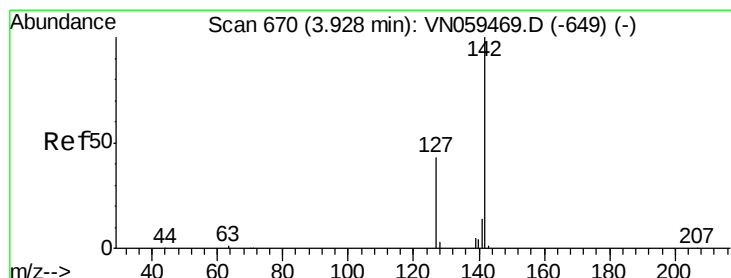
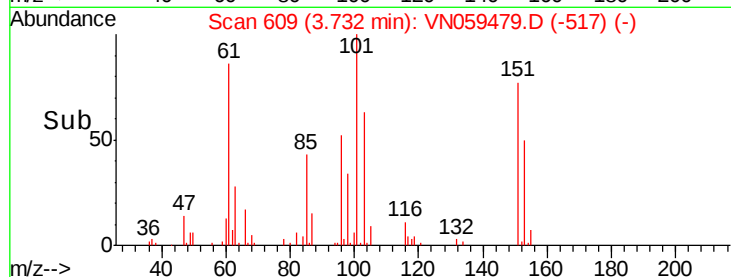
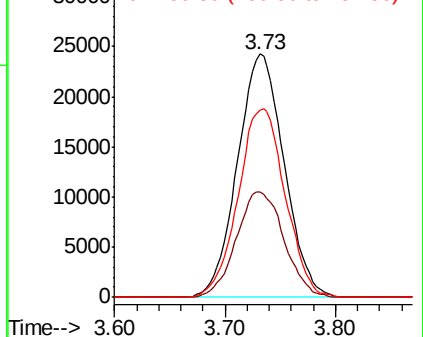
101 100

85 44.3 35.2 52.8

151 78.3 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.028 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

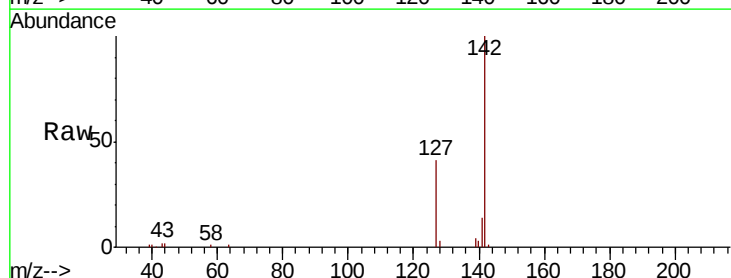
Tgt Ion:142 Resp: 84725

Ion Ratio Lower Upper

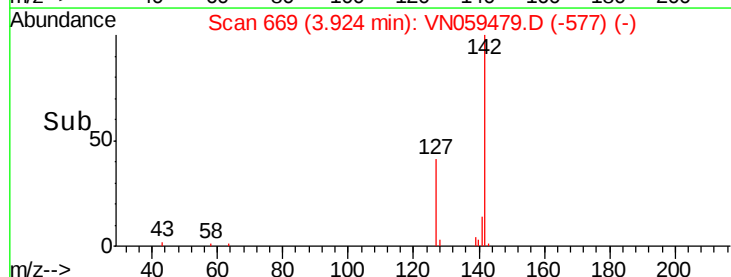
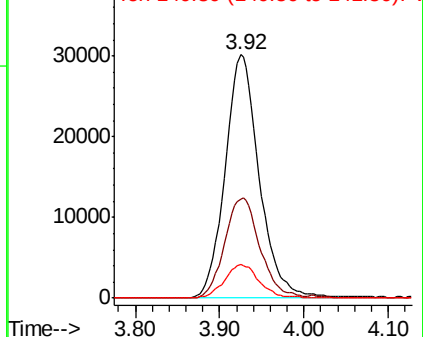
142 100

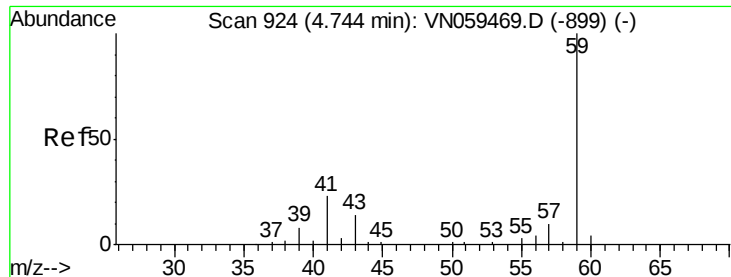
127 42.5 34.6 52.0

141 14.1 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

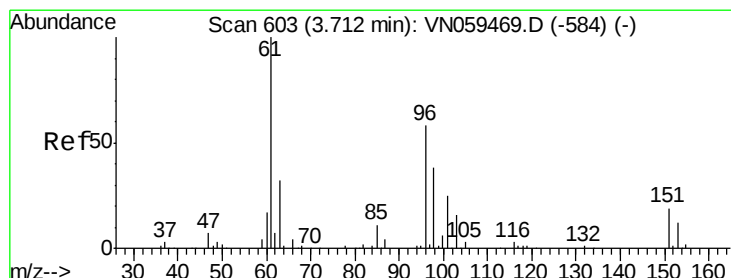
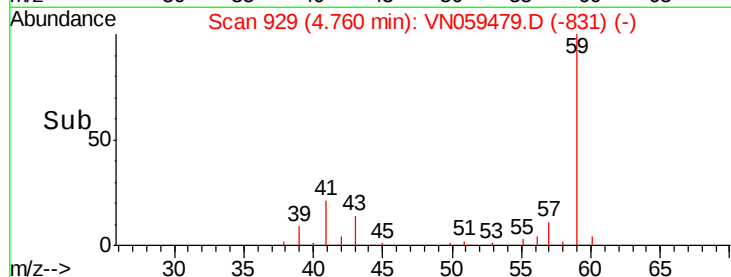
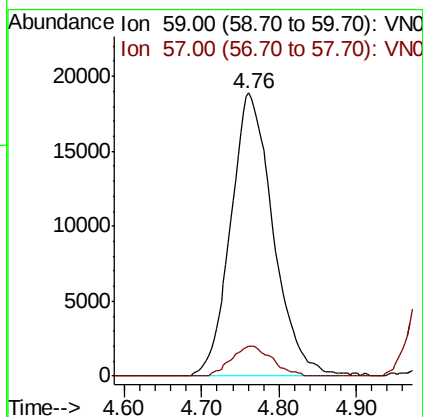
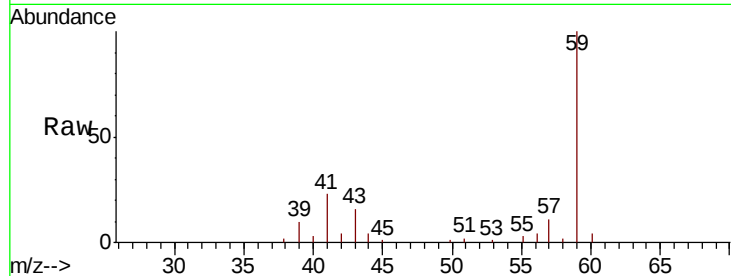




#11
Tert butyl alcohol
Concen: 82.916 ug/l
RT: 4.76 min Scan# 929
Delta R.T. 0.02 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

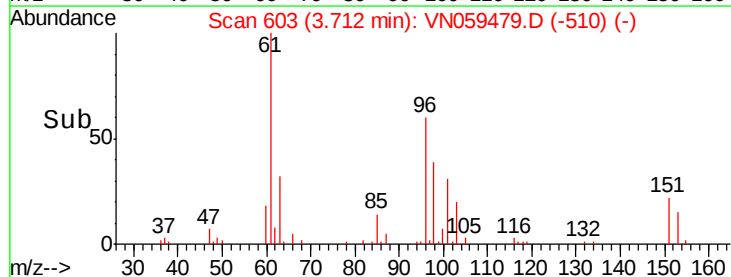
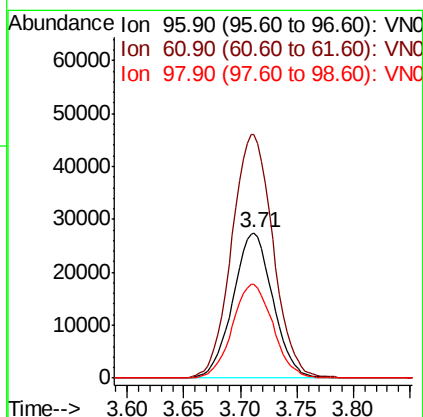
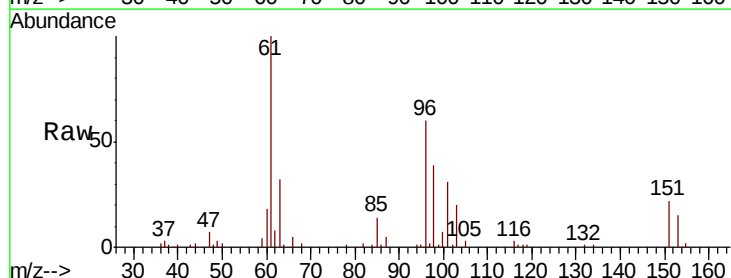
Instrument :
MSVOA_N
ClientSampleId :

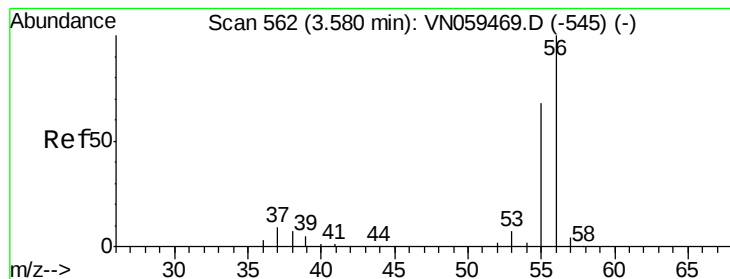
Tot Ion: 59 Resp: 71882
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 17.544 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 96 Resp: 67391
Ion Ratio Lower Upper
96 100
61 167.4 137.1 205.7
98 64.7 52.4 78.6





#13

Acrolein

Concen: 76.133 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

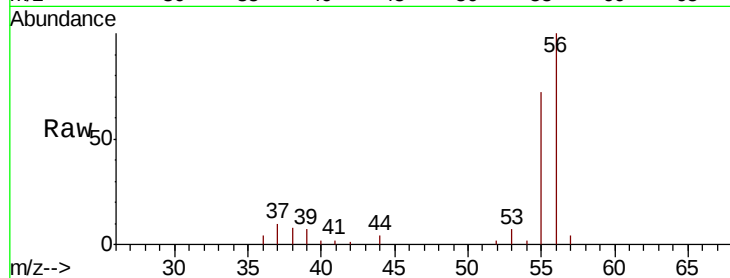
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 57281

Ion Ratio Lower Upper

56 100

55 72.4 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

25000

20000

15000

10000

5000

0

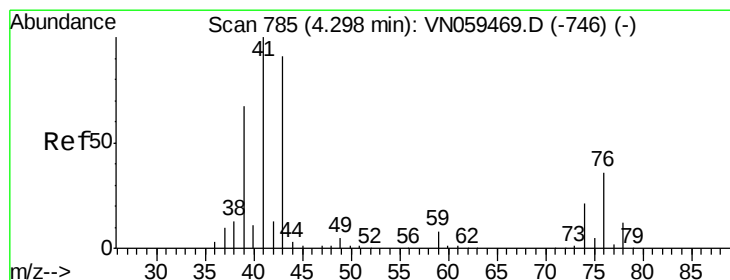
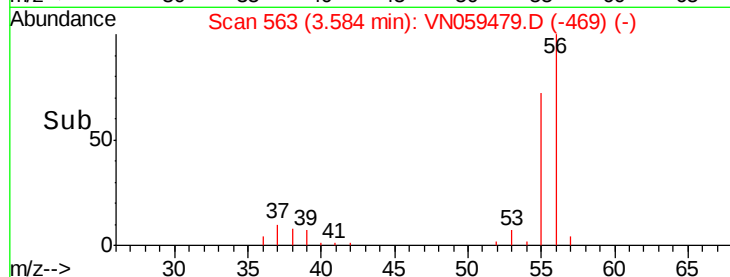
3.58

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 17.680 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

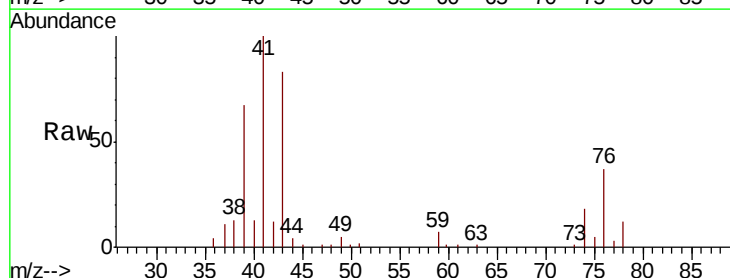
Tgt Ion: 41 Resp: 133763

Ion Ratio Lower Upper

41 100

39 62.9 49.3 73.9

76 32.7 25.6 38.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

50000

40000

30000

20000

10000

0

4.29

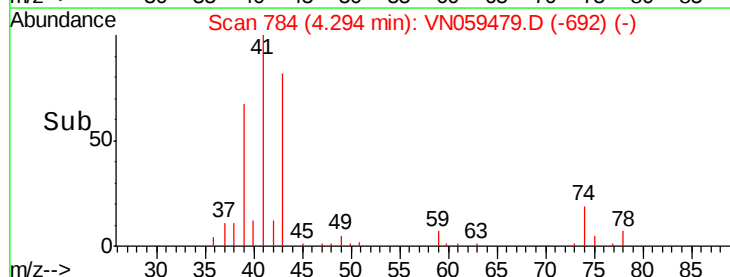
4.10

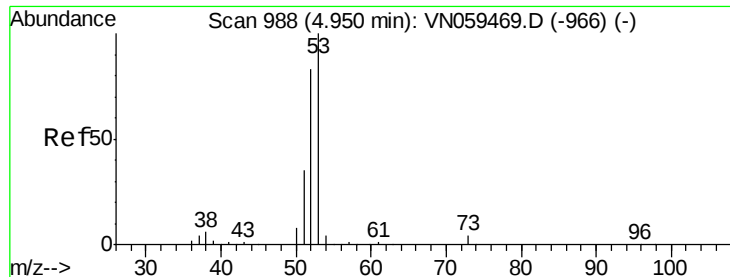
4.20

4.30

4.40

Time-->





#15

Acrylonitrile

Concen: 87.876 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

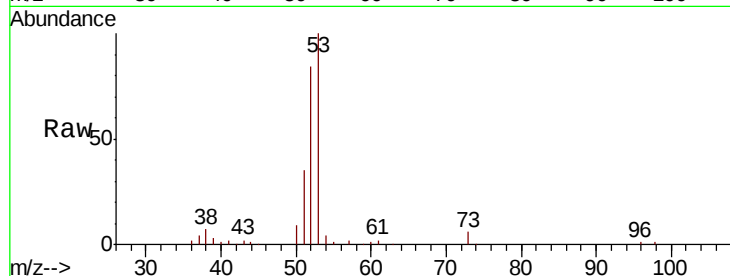
Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 53 Resp: 206103

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	35.3	28.5	42.7

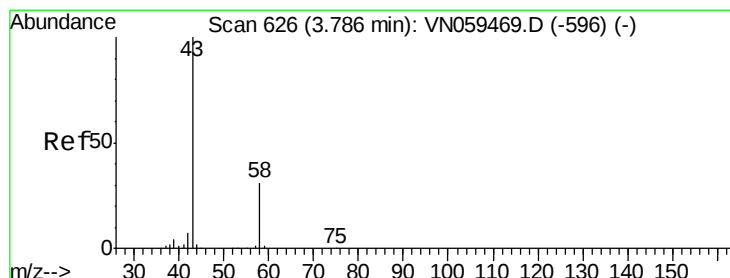
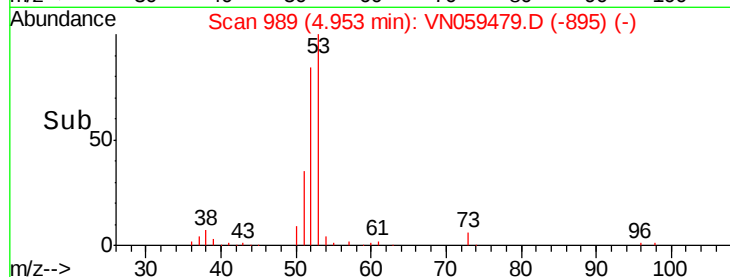
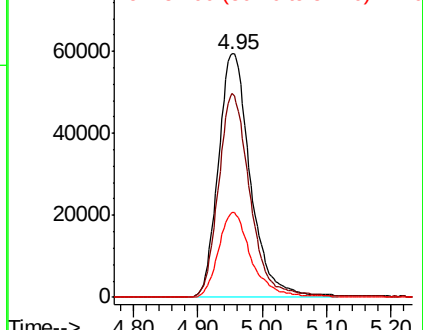


Abundance

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



#16

Acetone

Concen: 87.267 ug/l

RT: 3.79 min Scan# 628

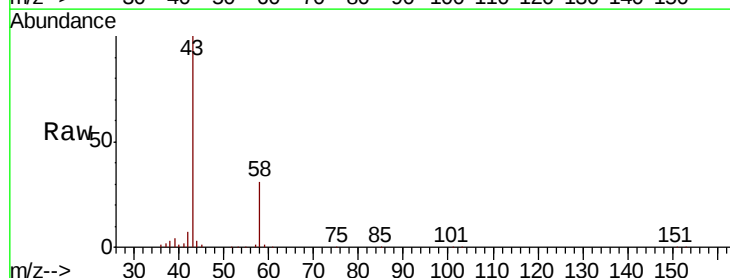
Delta R.T. 0.01 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Tgt Ion: 43 Resp: 232907

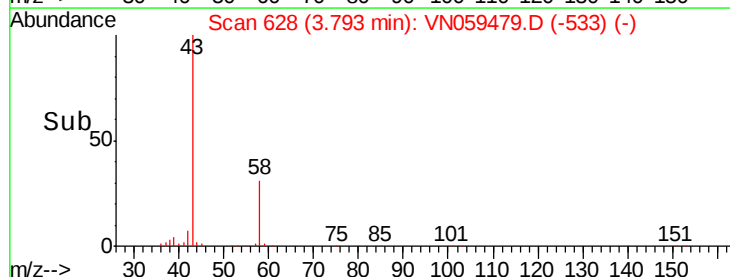
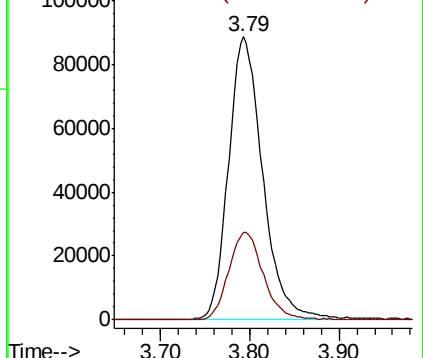
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.9	37.3

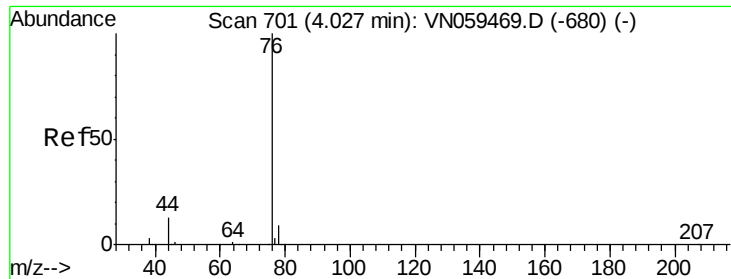


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

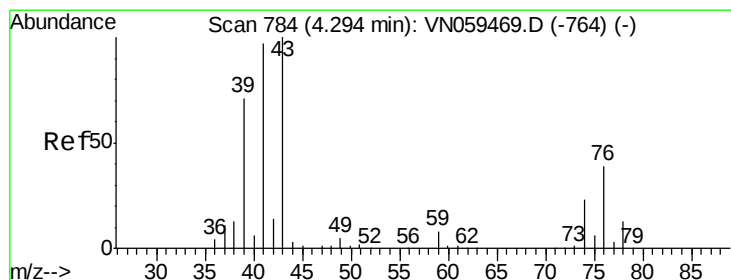
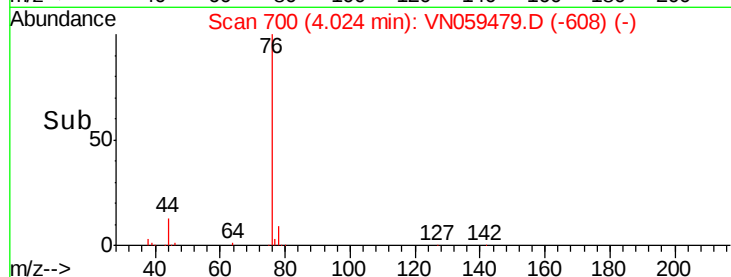
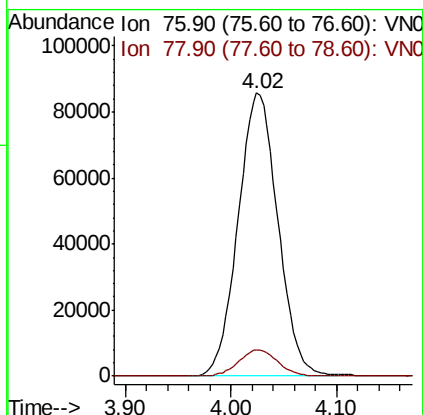
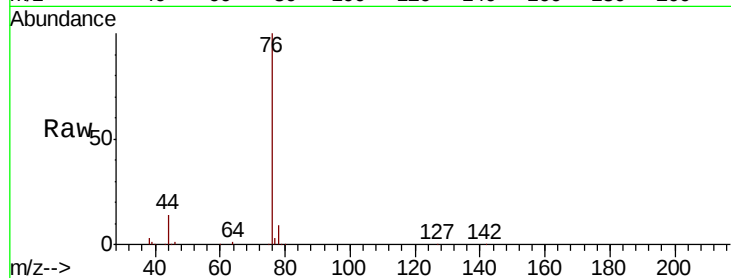




#17
Carbon Disulfide
Concen: 17.153 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

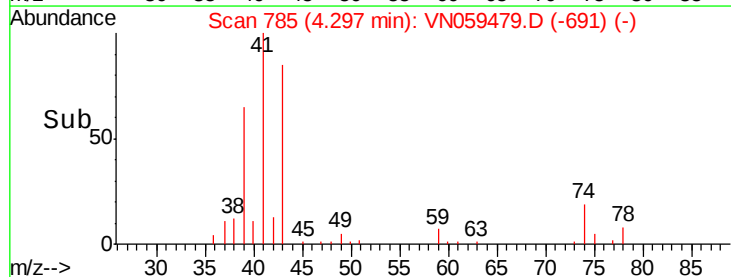
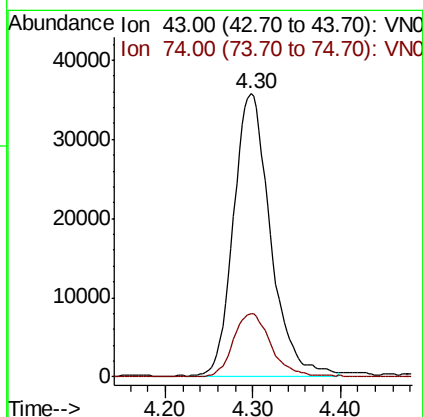
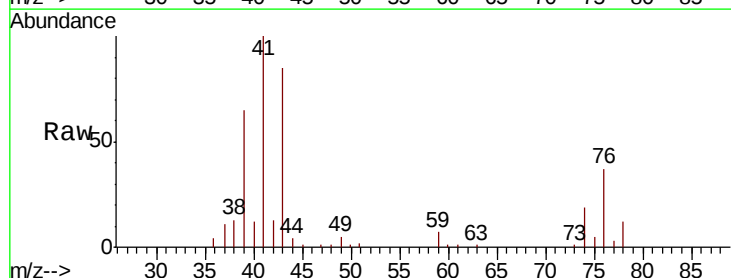
Instrument :
MSVOA_N
ClientSampled :

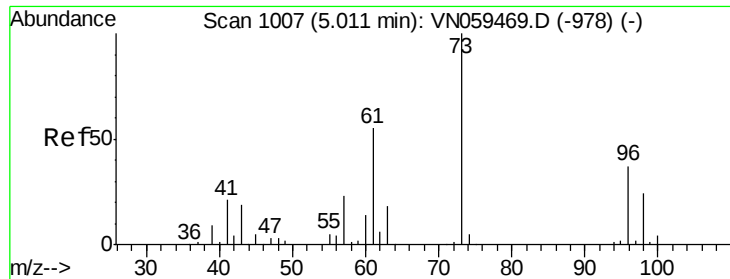
Tot Ion: 76 Resp: 224814
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 17.033 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 43 Resp: 105486
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5

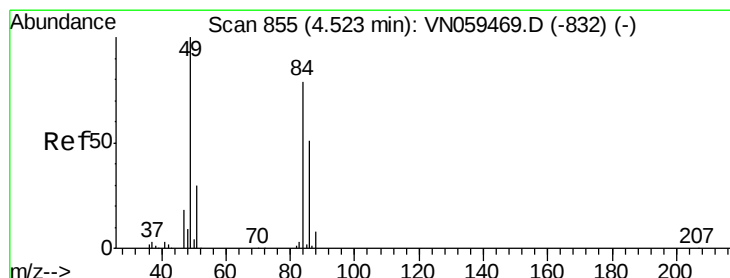
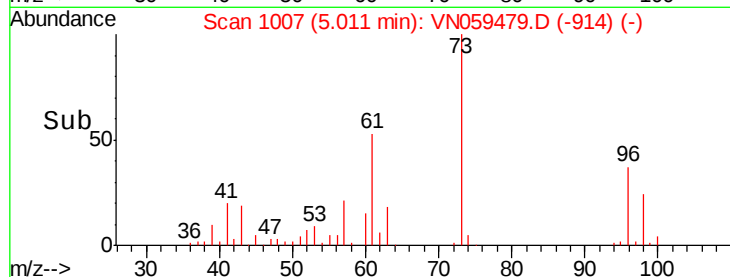
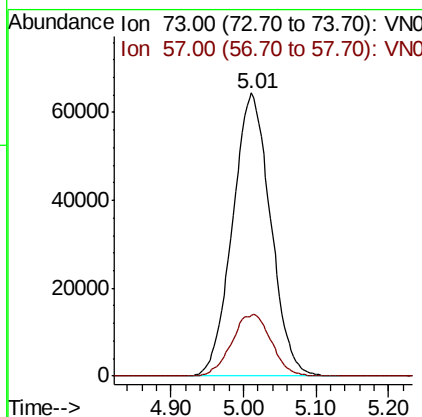
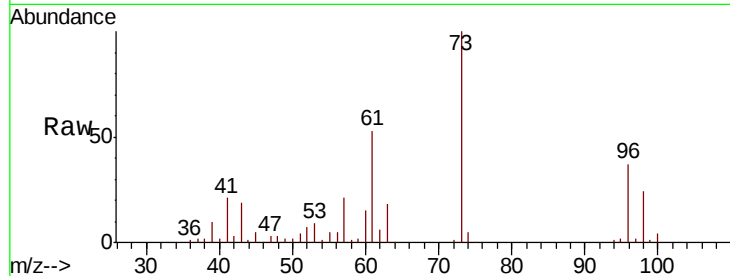




#19
Methvl tert-butvl Ether
Concen: 17.911 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

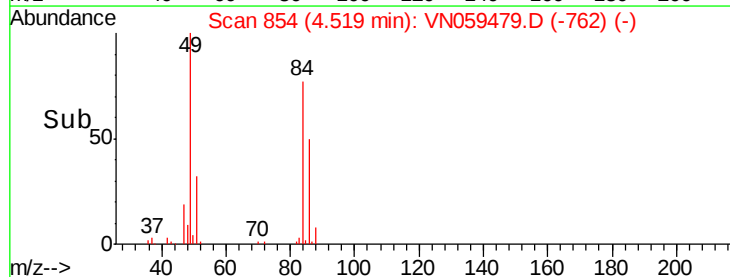
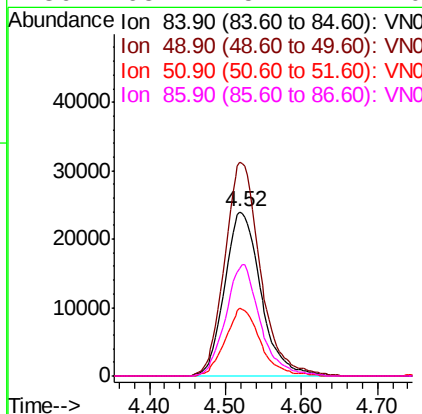
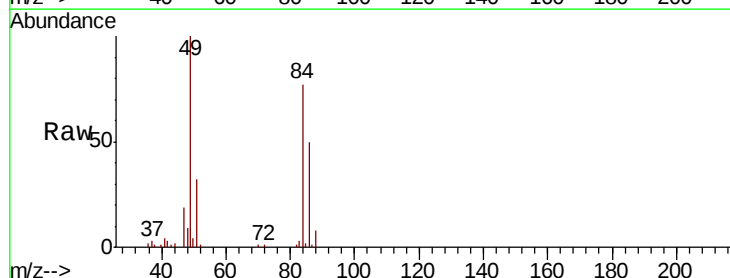
Instrument :
MSVOA_N
ClientSampleId :

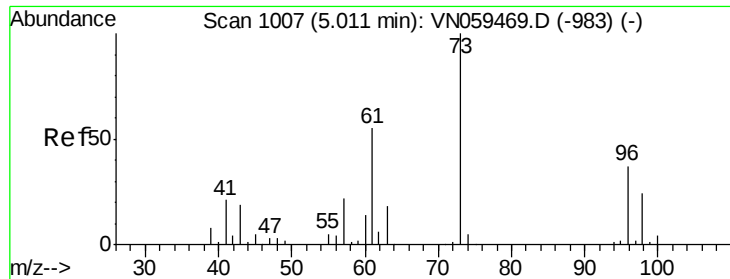
Tot Ion: 73 Resp: 234479
Ion Ratio Lower Upper
73 100
57 21.3 18.0 27.0



#20
Methylene Chloride
Concen: 17.559 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 84 Resp: 79459
Ion Ratio Lower Upper
84 100
49 130.1 101.1 151.7
51 41.4 30.7 46.1
86 65.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.015 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

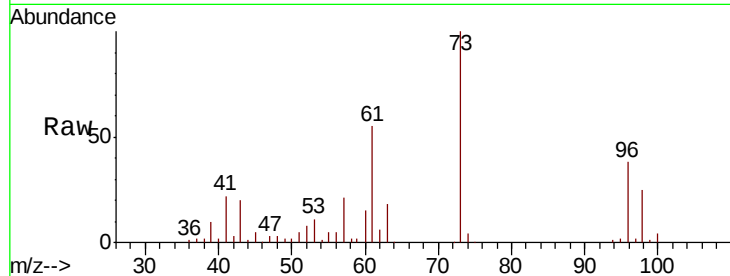
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 96 Resp: 77427

Ion	Ratio	Lower	Upper
96	100		
61	142.7	118.9	178.3
98	65.1	51.6	77.4

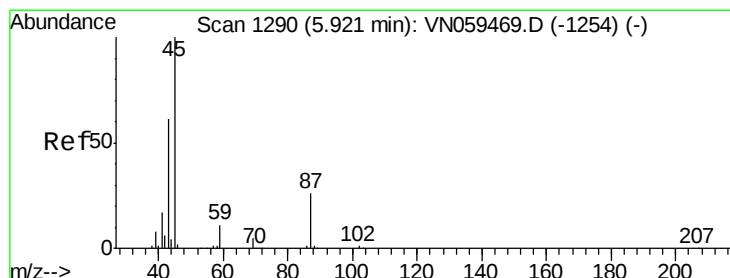
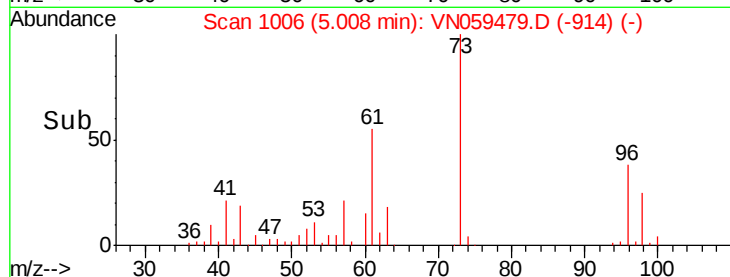
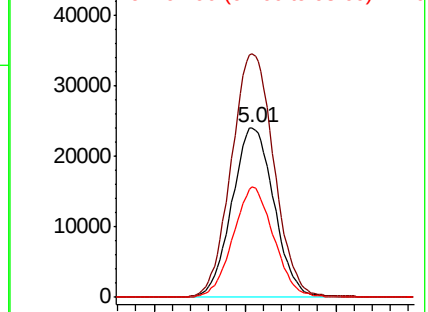


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.477 ug/l

RT: 5.92 min Scan# 1290

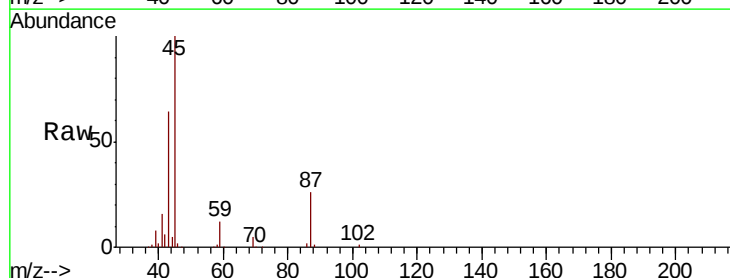
Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Tgt Ion: 45 Resp: 260181

Ion	Ratio	Lower	Upper
45	100		
43	62.8	49.1	73.7
87	25.8	21.6	32.4
59	11.3	9.0	13.4



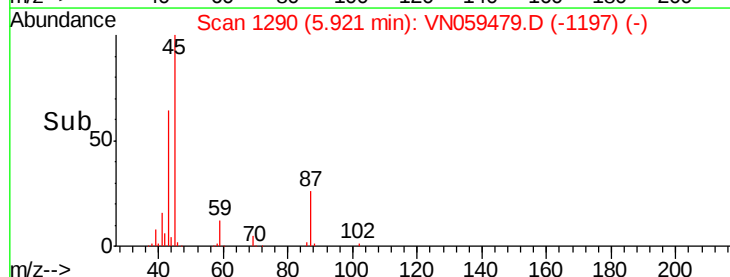
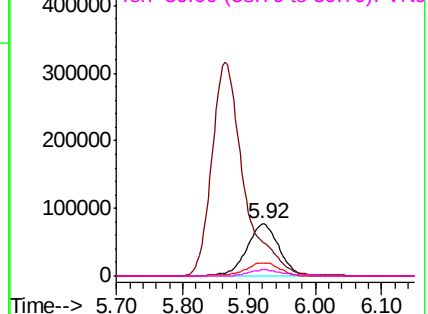
Abundance

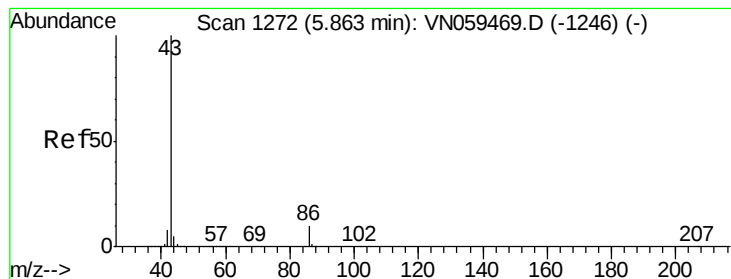
Ion 45.00 (44.70 to 45.70): VN0

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





#23

Vinyl Acetate

Concen: 93.711 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

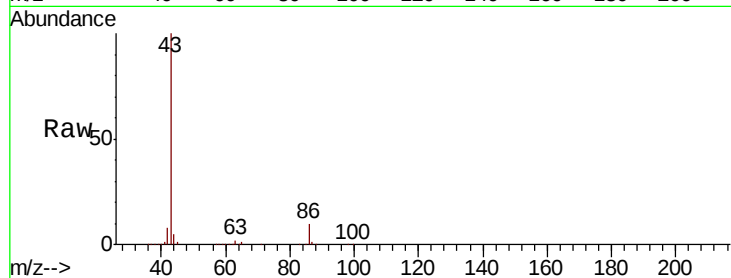
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1058875

Ion Ratio Lower Upper

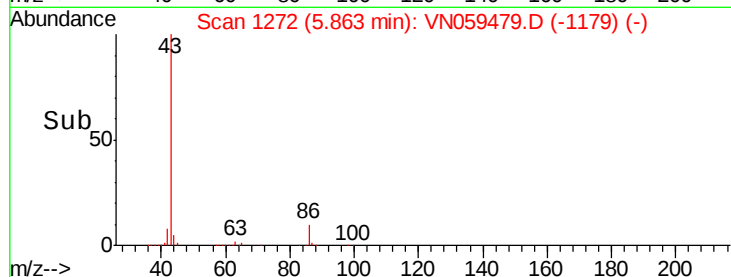
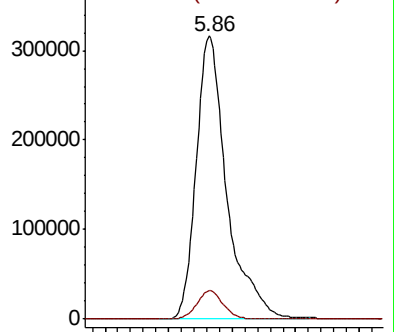
43 100

86 10.1 8.0 12.0

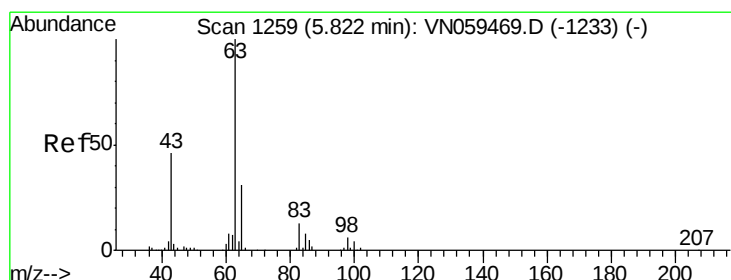


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 18.226 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

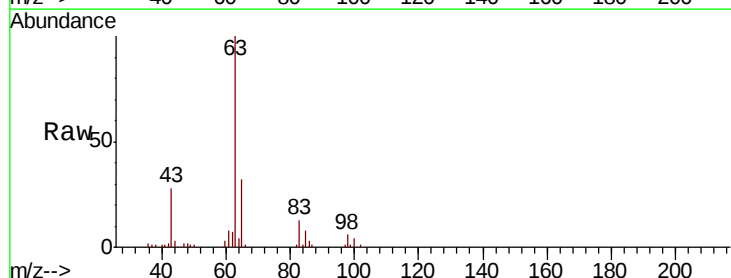
Tgt Ion: 63 Resp: 145798

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

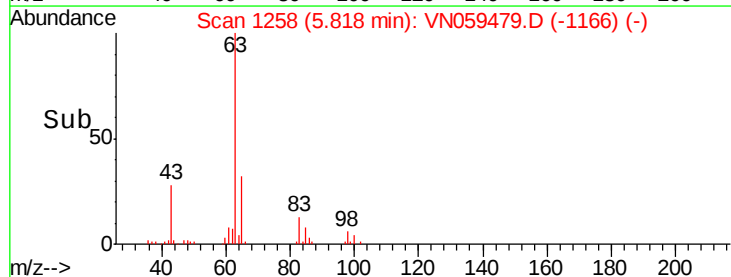
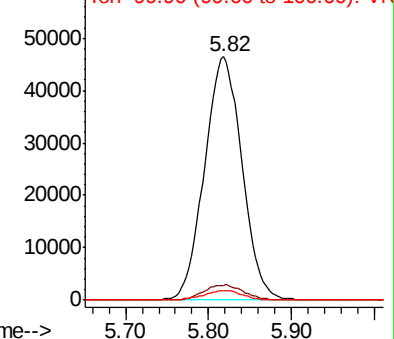
100 3.9 2.0 6.0



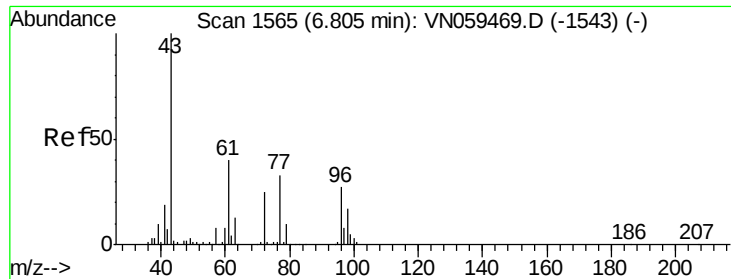
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->



#25

2-Butanone

Concen: 83.180 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

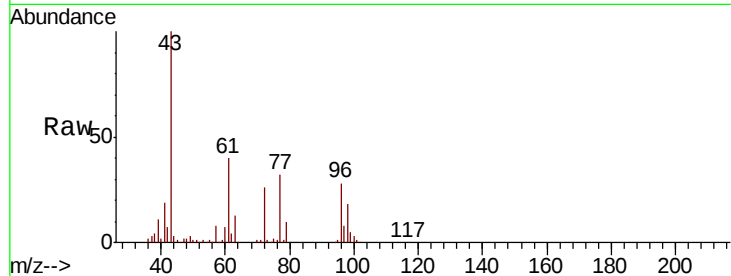
ClientSampled :

Tot Ion: 43 Resp: 290867

Ion Ratio Lower Upper

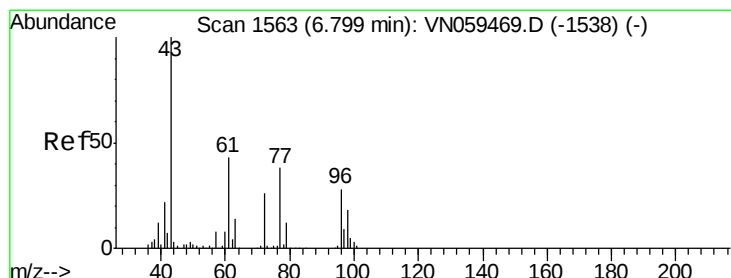
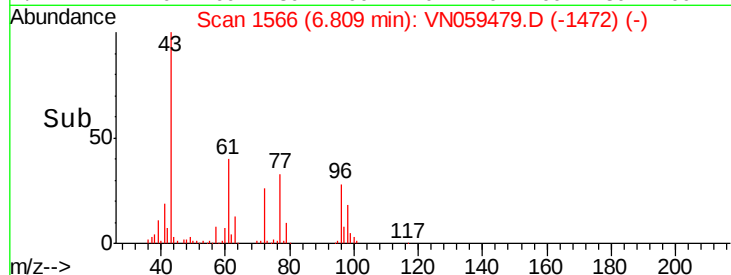
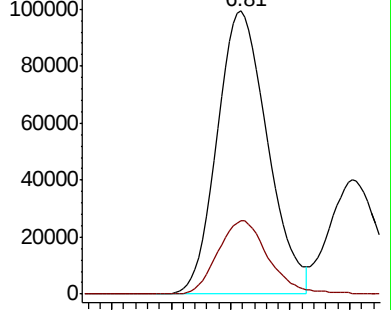
43 100

72 26.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN059479.D (-1543) (-)

Ion 72.00 (71.70 to 72.70): VN059479.D (-1543) (-)



#26

2,2-Dichloropropane

Concen: 18.328 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059479.D

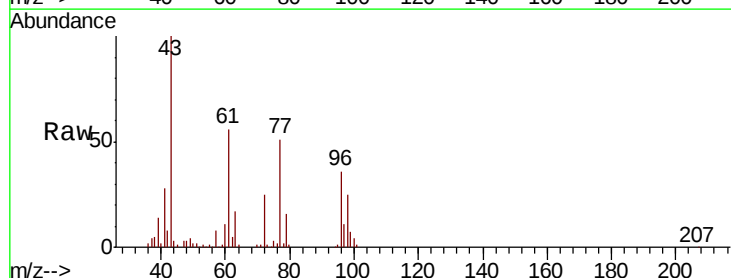
Acq: 4 Dec 2019 11:34

Tgt Ion: 77 Resp: 126810

Ion Ratio Lower Upper

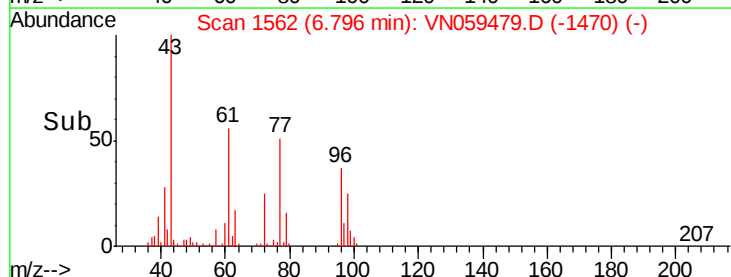
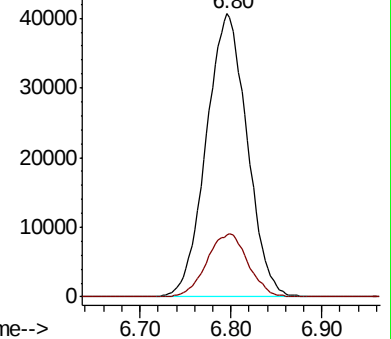
77 100

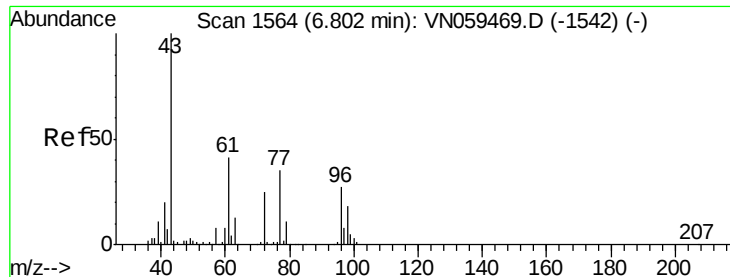
97 22.4 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VN059479.D (-1470) (-)

Ion 96.90 (96.60 to 97.60): VN059479.D (-1470) (-)





#27

cis-1,2-Dichloroethene

Concen: 17.986 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :
MSVOA_N
ClientSampled :

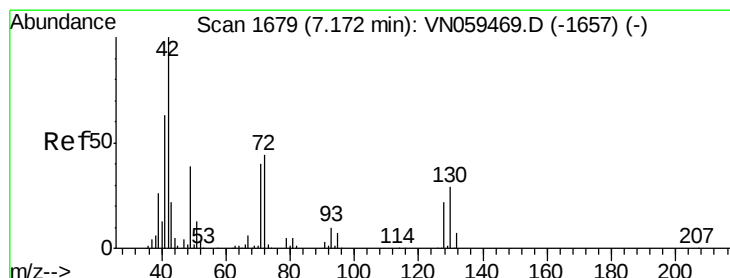
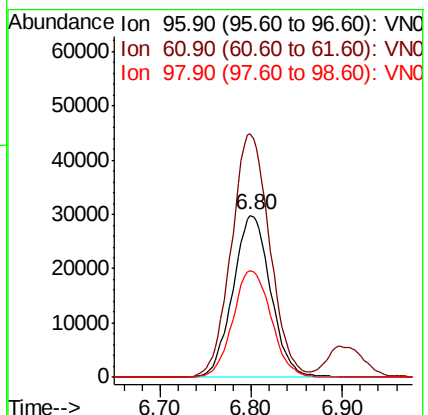
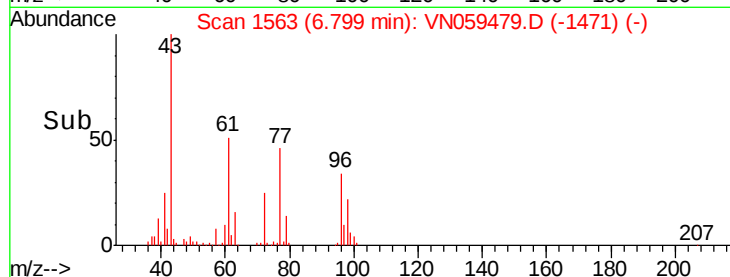
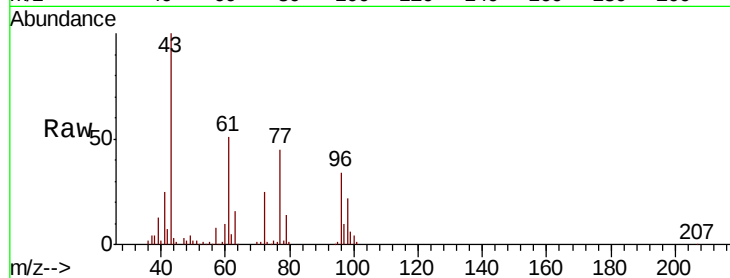
Tot Ion: 96 Resp: 85855

Ion Ratio Lower Upper

96 100

61 153.0 0.0 307.4

98 66.6 0.0 129.2



#28

Bromochloromethane

Concen: 18.697 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

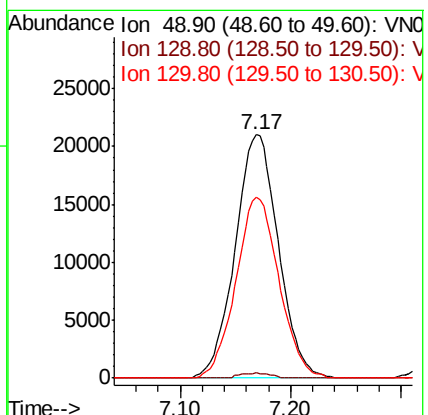
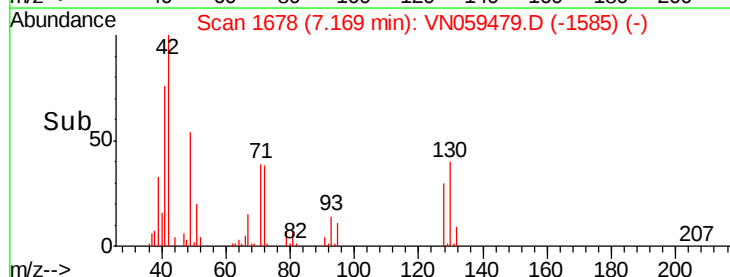
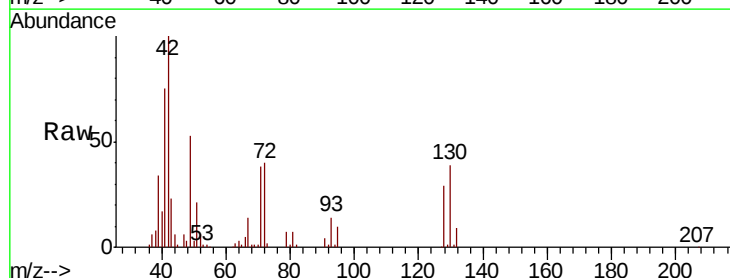
Tgt Ion: 49 Resp: 57074

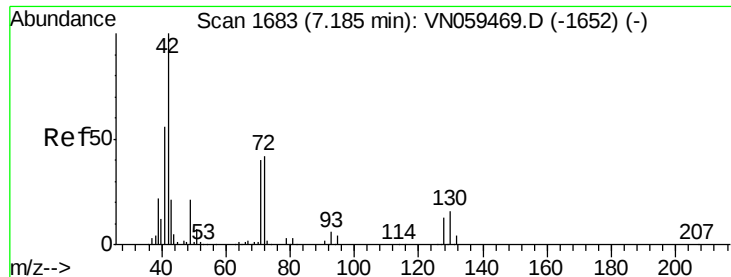
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.2

130 74.0 58.4 87.6

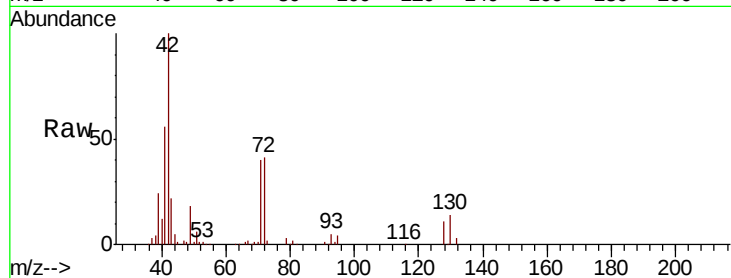




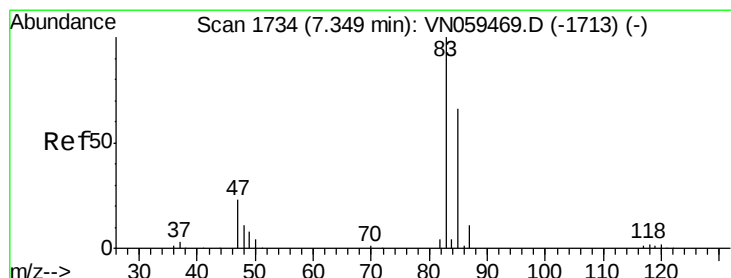
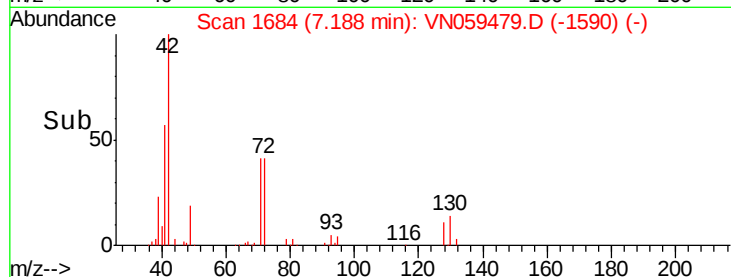
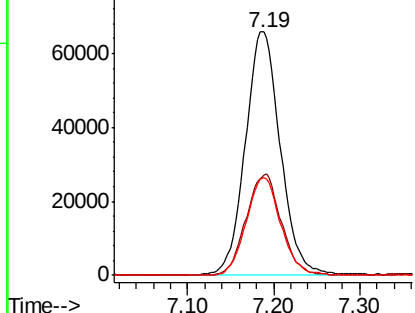
#29
Tetrahydrofuran
Concen: 84.902 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 186680
Ion Ratio Lower Upper
42 100
72 41.8 34.2 51.2
71 39.6 32.0 48.0

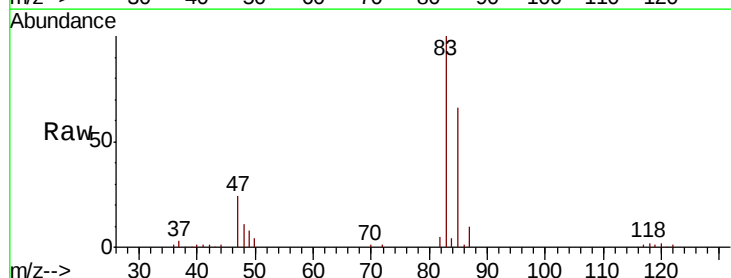


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

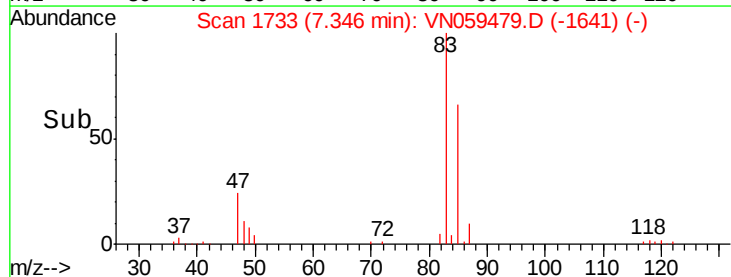
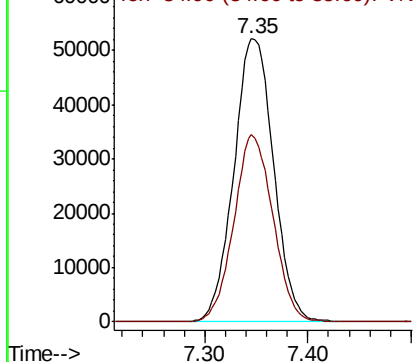


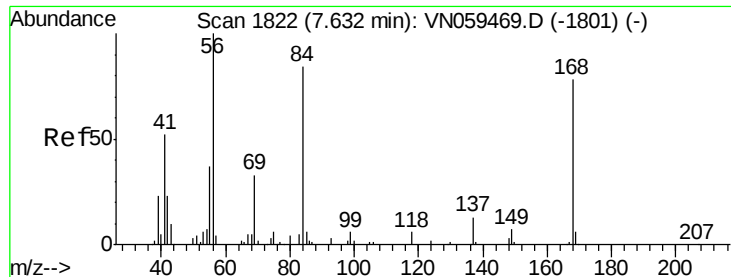
#30
Chloroform
Concen: 18.114 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 83 Resp: 139907
Ion Ratio Lower Upper
83 100
85 66.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

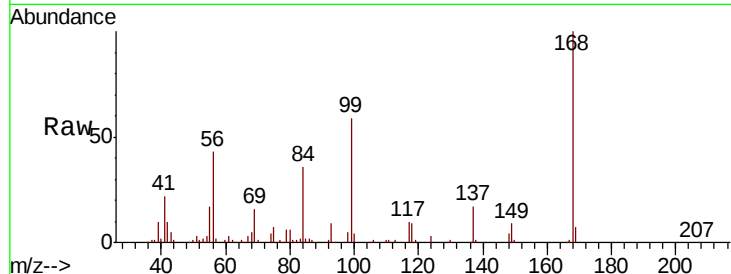




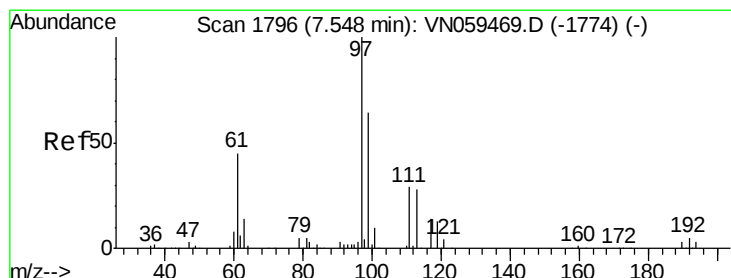
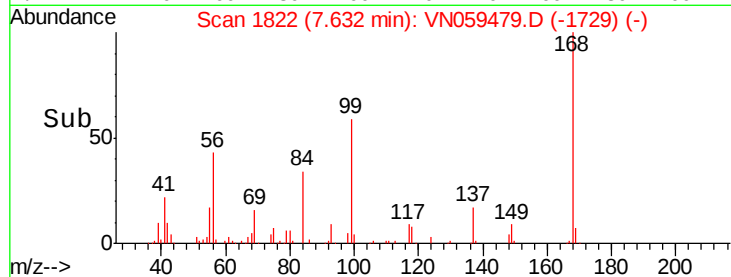
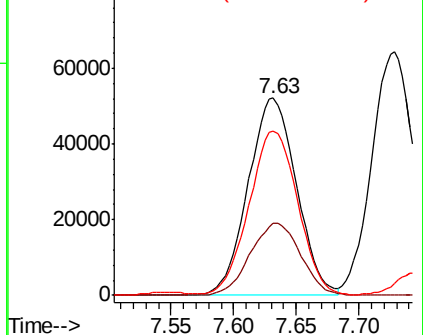
#31
Cyclohexane
Concen: 18.016 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 139644
Ion Ratio Lower Upper
56 100
69 36.3 26.2 39.4
84 82.5 66.8 100.2

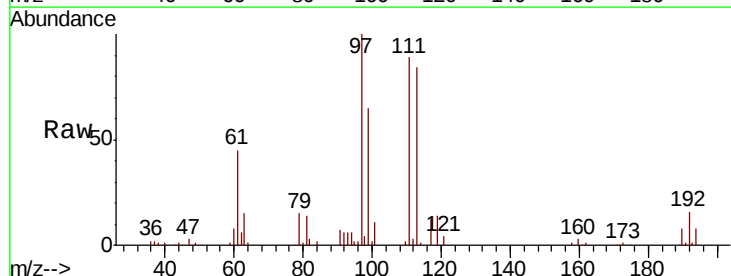


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

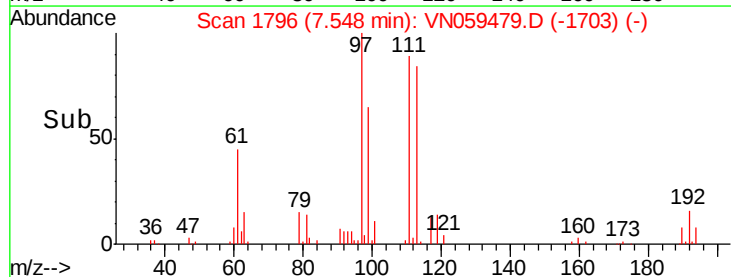
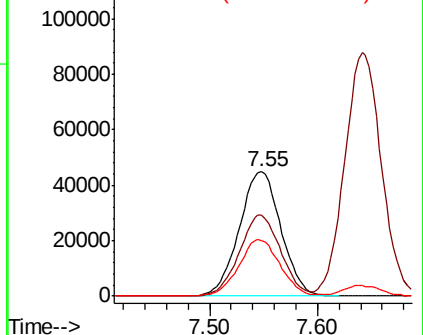


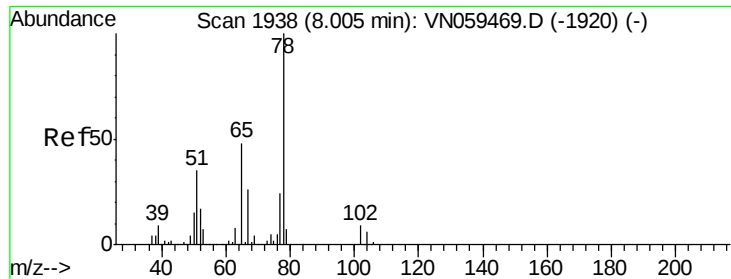
#32
1,1,1-Trichloroethane
Concen: 17.947 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 97 Resp: 120480
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 45.2 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

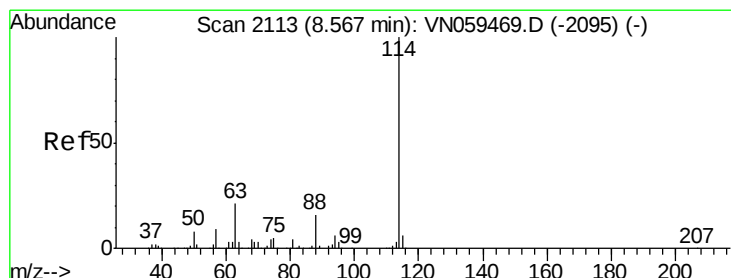
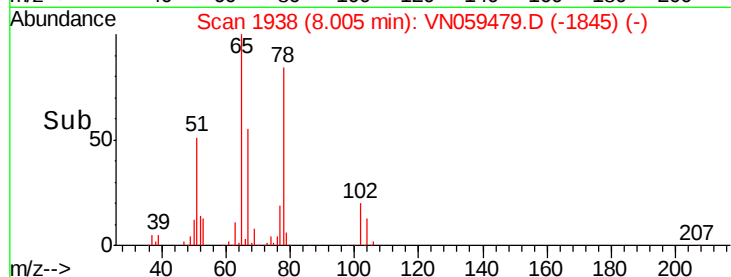
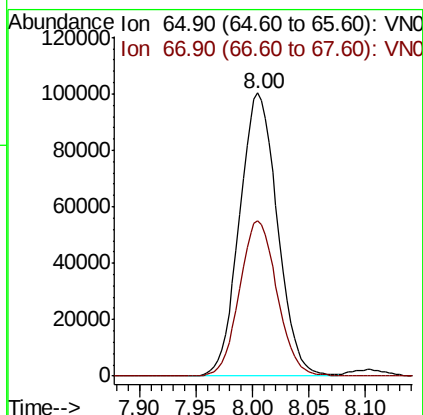
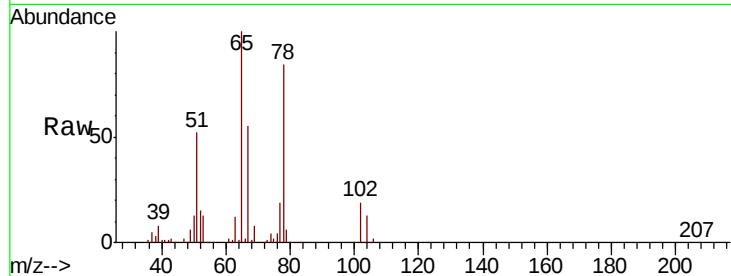




#33
 1,2-Dichloroethane-d4
 Concen: 50.962 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

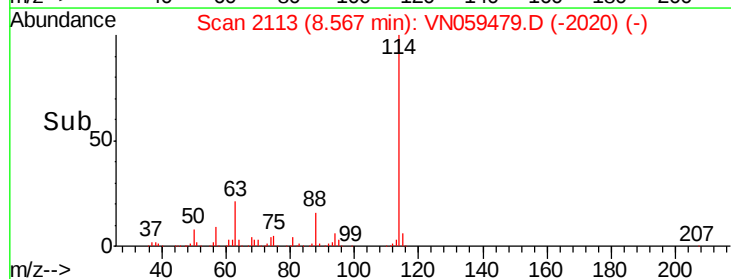
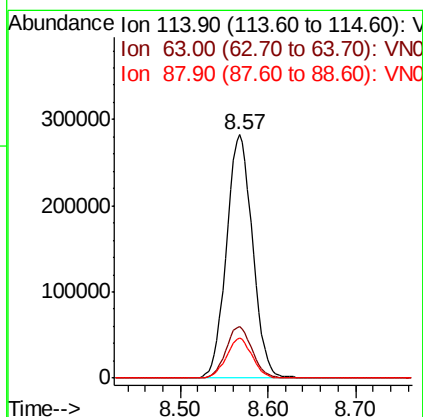
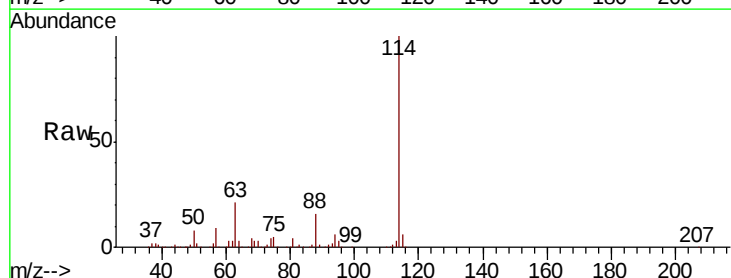
Instrument :
 MSVOA_N
 ClientSampleId :

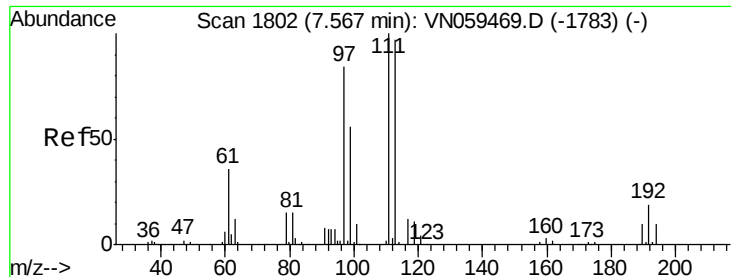
Tot Ion: 65 Resp: 234458
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Tgt Ion: 114 Resp: 583310
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.4
 88 16.4 0.0 32.8

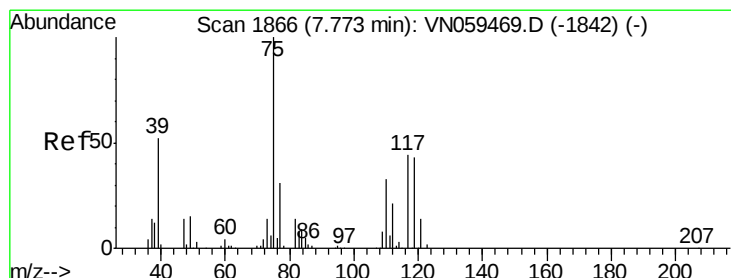
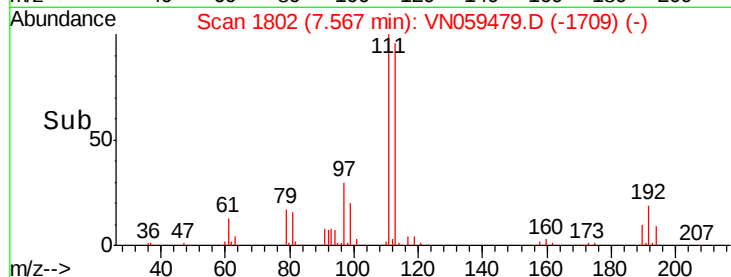
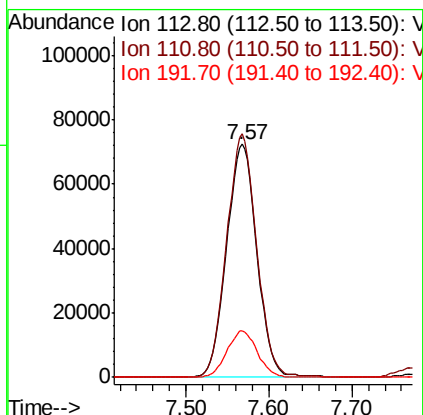
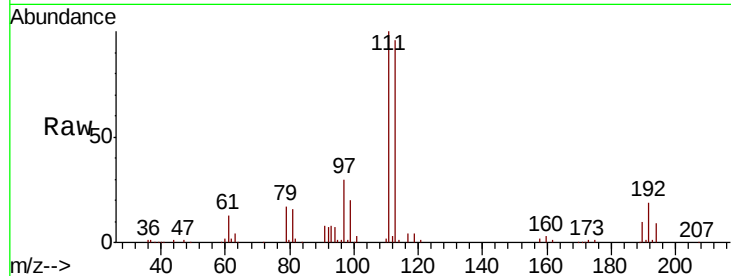




#35
 Dibromofluoromethane
 Concen: 50.751 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

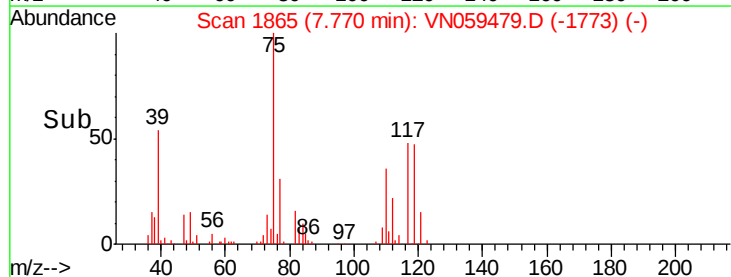
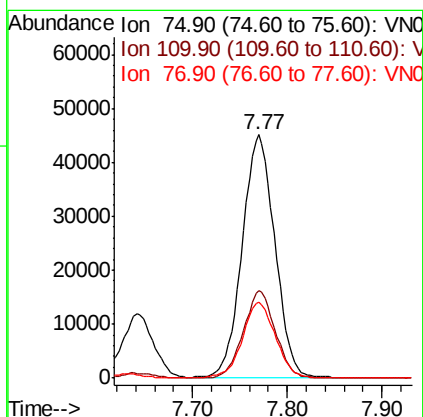
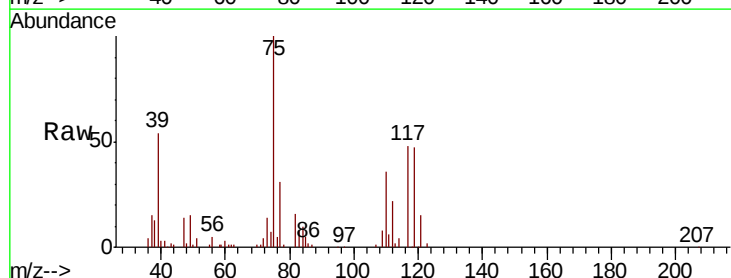
Instrument :
 MSVOA_N
 ClientSampleId :

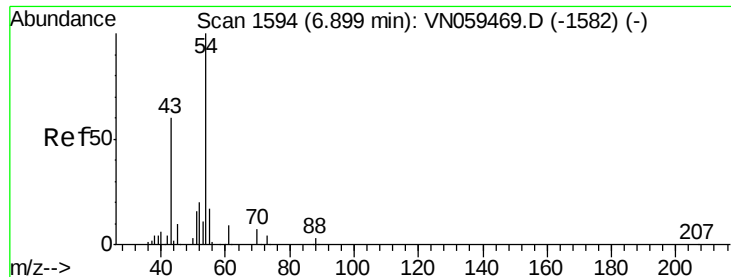
Tot Ion:113 Resp: 184378
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.5 123.7
 192 19.9 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 17.902 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Tgt Ion: 75 Resp: 108666
 Ion Ratio Lower Upper
 75 100
 110 34.8 16.9 50.7
 77 31.5 25.1 37.7

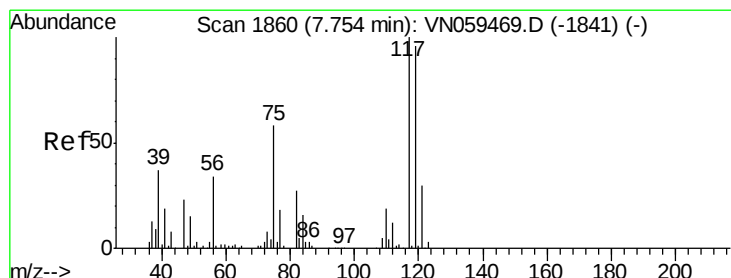
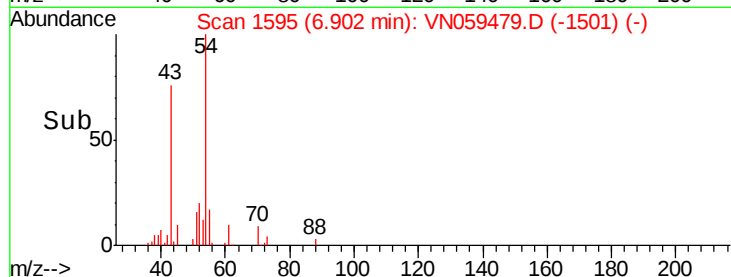
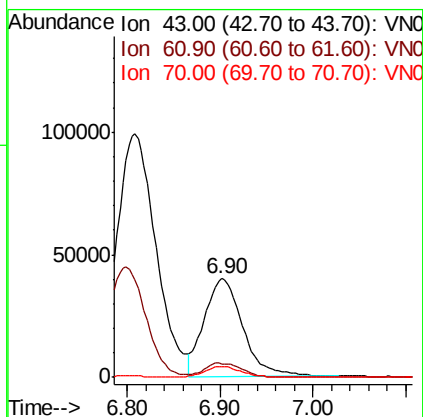
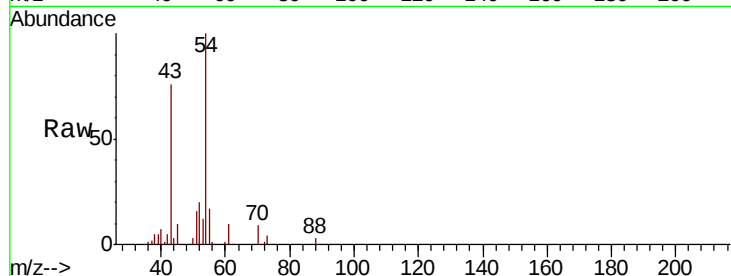




#37
Ethyl Acetate
Concen: 17.044 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

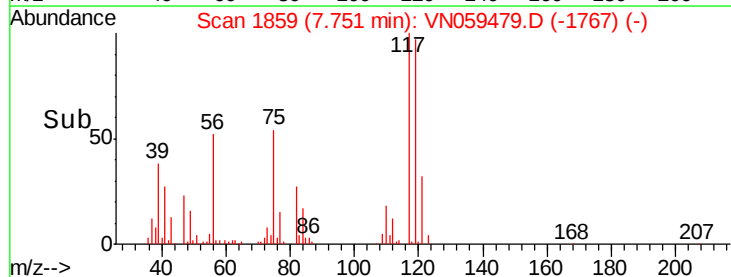
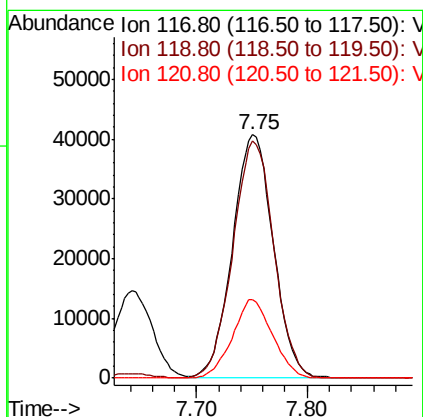
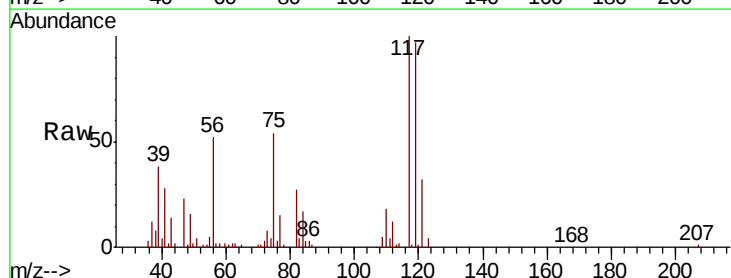
Instrument :
MSVOA_N
ClientSampled :

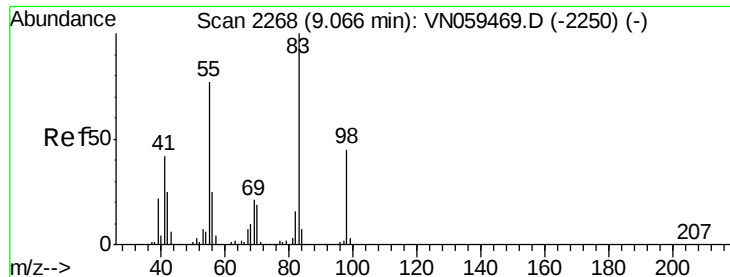
Tot Ion: 43 Resp: 115565
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 17.923 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 117 Resp: 104636
Ion Ratio Lower Upper
117 100
119 97.4 76.6 114.8
121 32.2 24.0 36.0

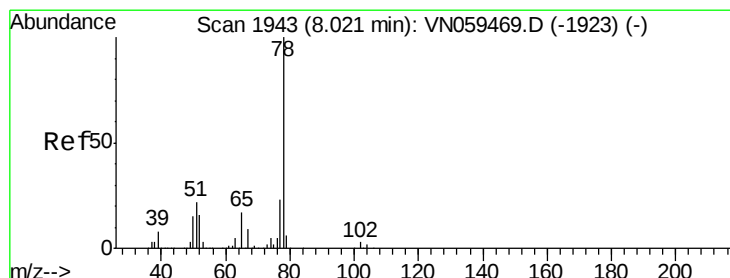
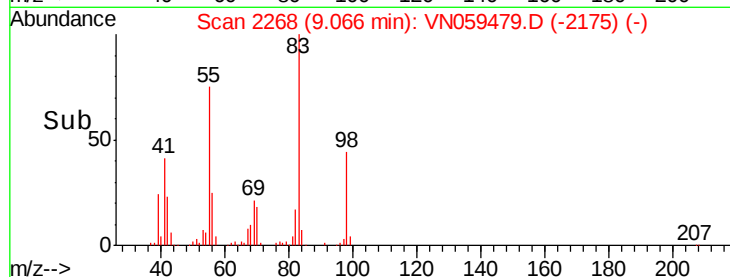
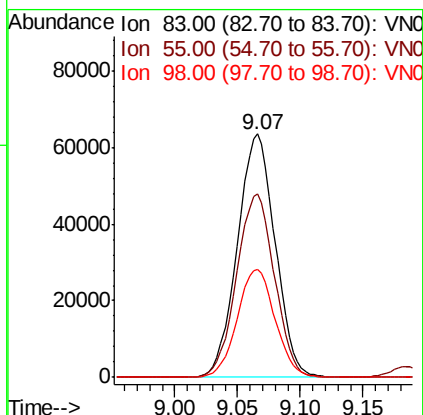
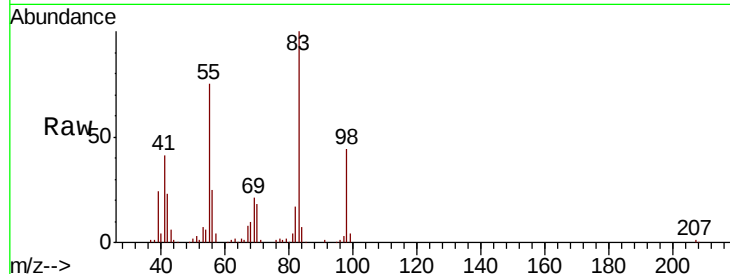




#39
Methvlcvclohexane
Concen: 18.224 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

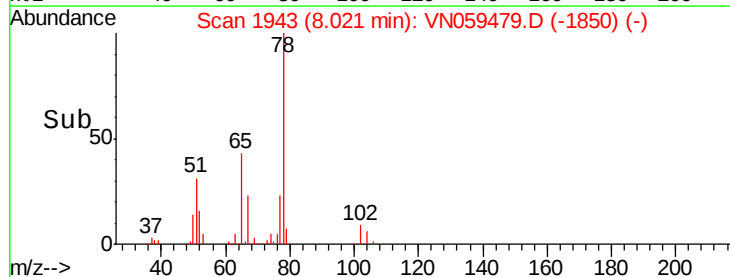
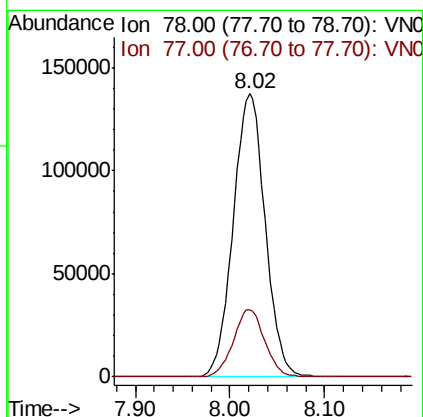
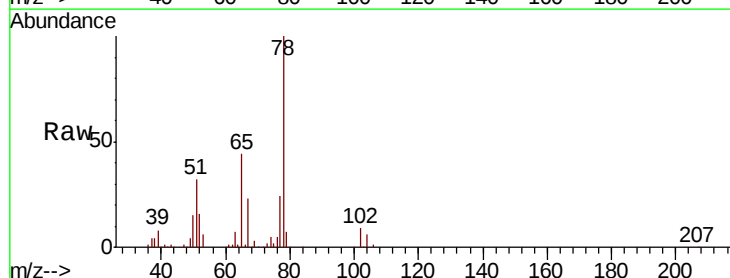
Instrument :
MSVOA_N
ClientSampled :

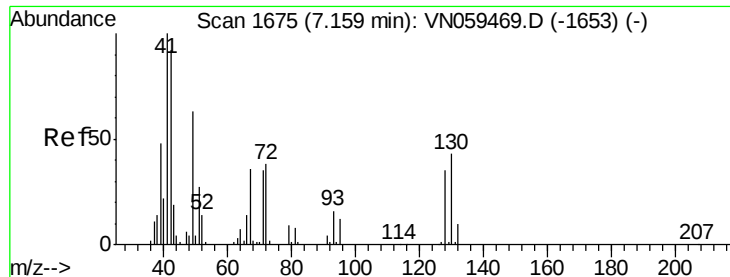
Tot Ion: 83 Resp: 133122
Ion Ratio Lower Upper
83 100
55 75.4 61.8 92.6
98 44.3 36.2 54.2



#40
Benzene
Concen: 18.129 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 78 Resp: 322253
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.2

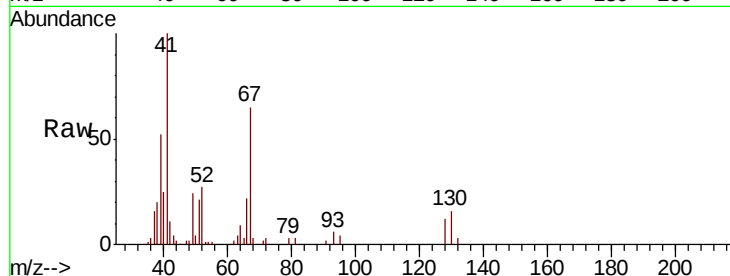




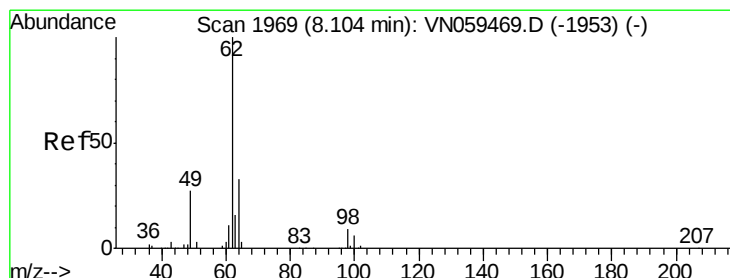
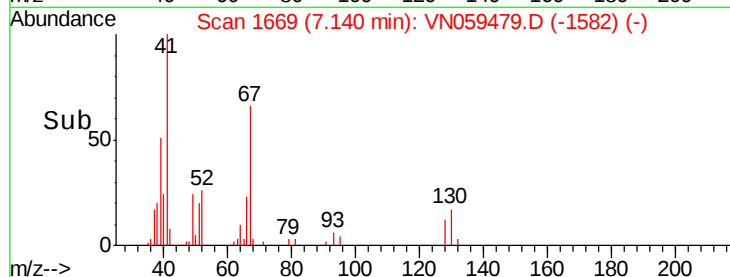
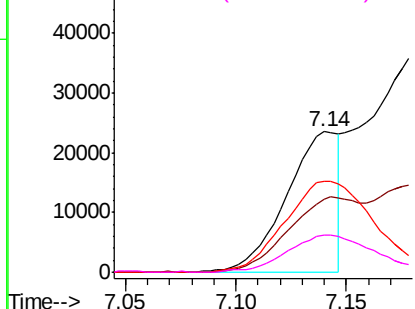
#41
Methacrylonitrile
Concen: 14.112 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. -0.02 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 38778
Ion Ratio Lower Upper
41 100
39 75.6 0.0 0.0#
67 112.2 0.0 0.0#
52 45.1 0.0 0.0#

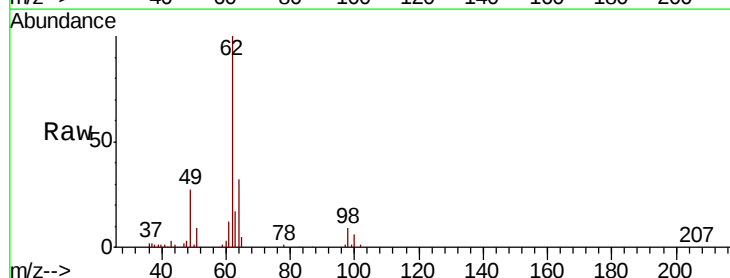


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

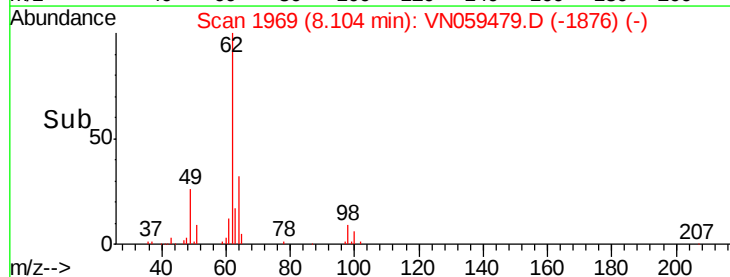
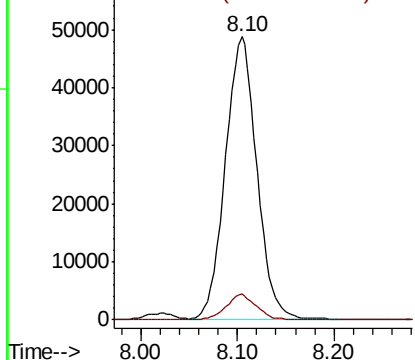


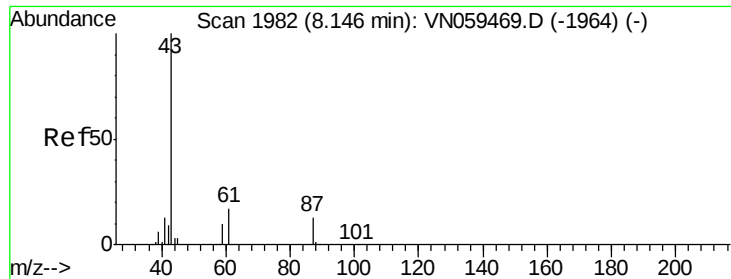
#42
1,2-Dichloroethane
Concen: 18.339 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 62 Resp: 110733
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



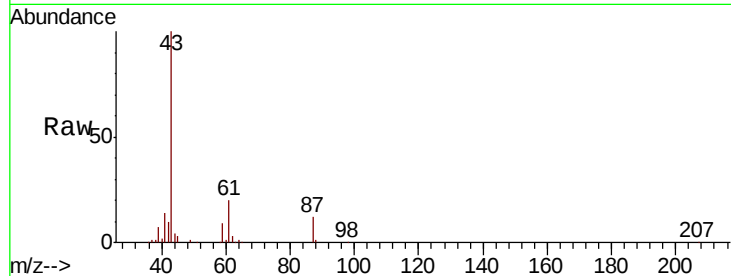


#43

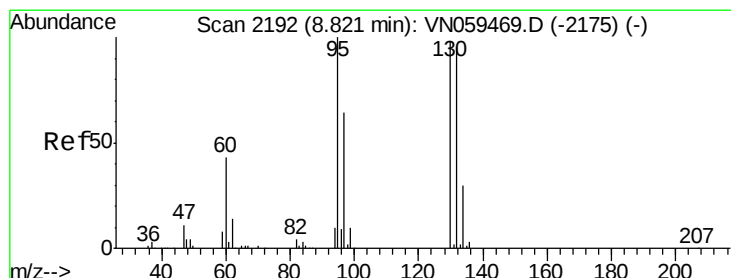
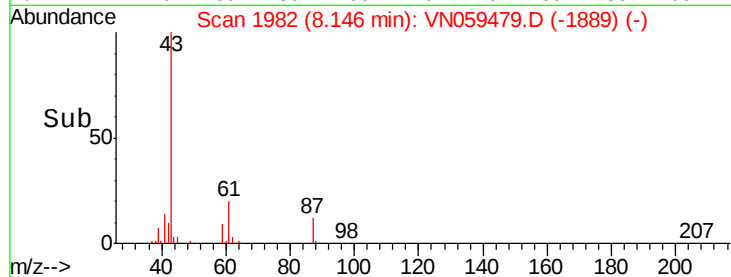
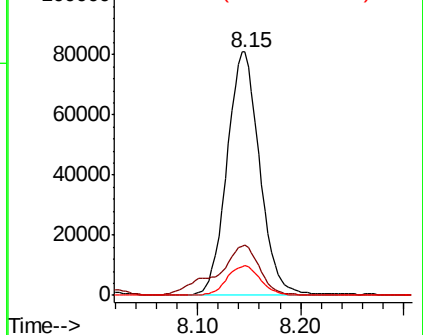
Isopropyl Acetate
 Concen: 17.611 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 177597
 Ion Ratio Lower Upper
 43 100
 61 27.0 21.0 31.6
 87 12.5 10.4 15.6



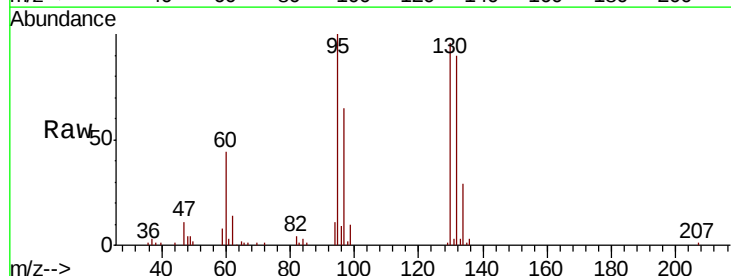
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



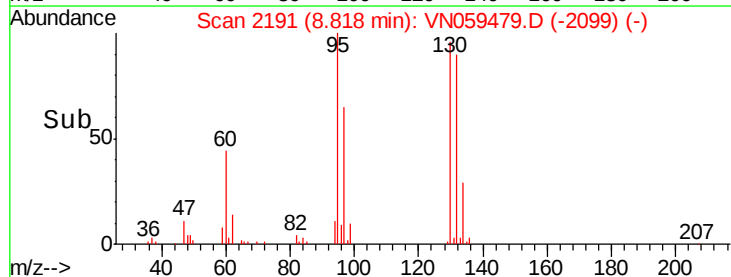
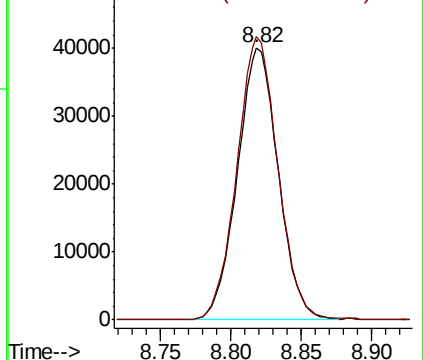
#44

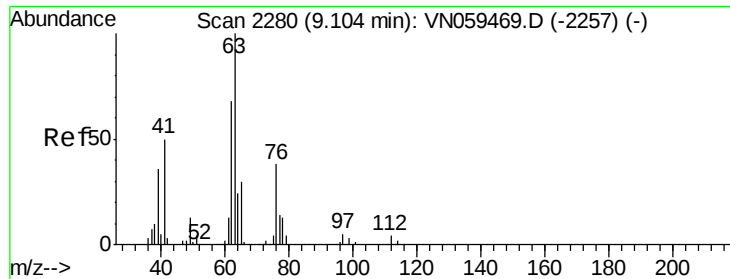
Trichloroethene
 Concen: 17.483 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Tgt Ion:130 Resp: 81210
 Ion Ratio Lower Upper
 130 100
 95 104.1 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.421 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

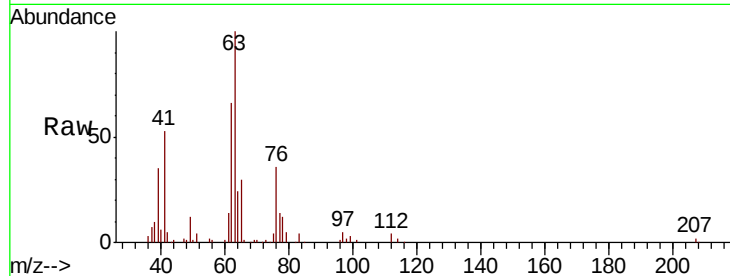
ClientSampled :

Tot Ion: 63 Resp: 87478

Ion Ratio Lower Upper

63 100

65 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.10

40000

30000

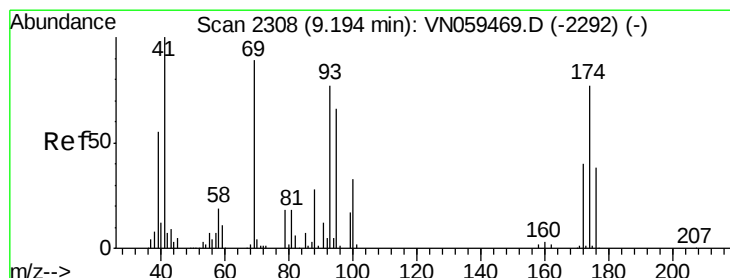
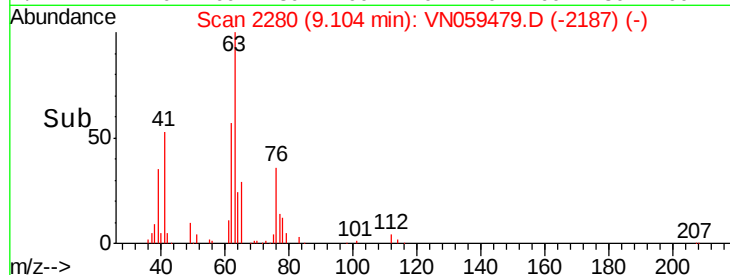
20000

10000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#46

Dibromomethane

Concen: 18.079 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

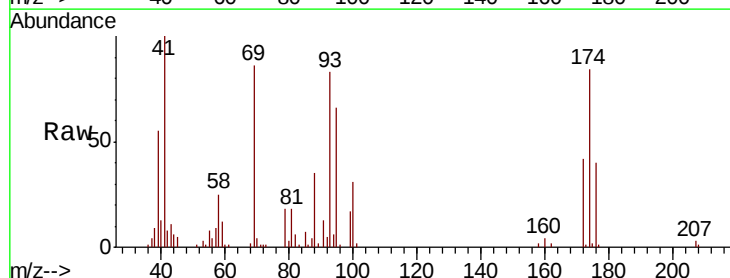
Tgt Ion: 93 Resp: 53453

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 101.5 79.6 119.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

30000

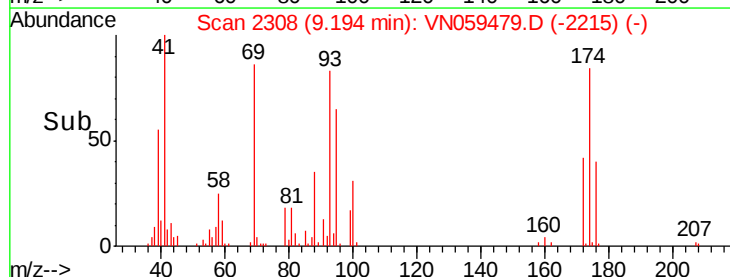
20000

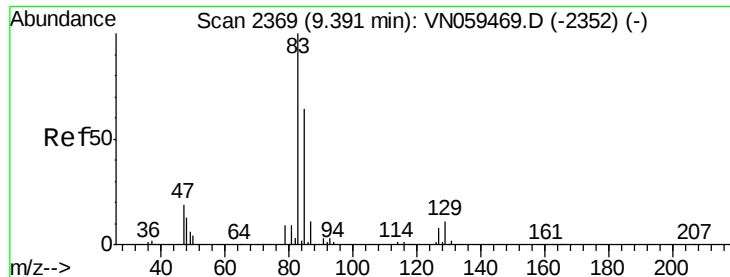
10000

0

Time-->

9.10 9.15 9.20 9.25

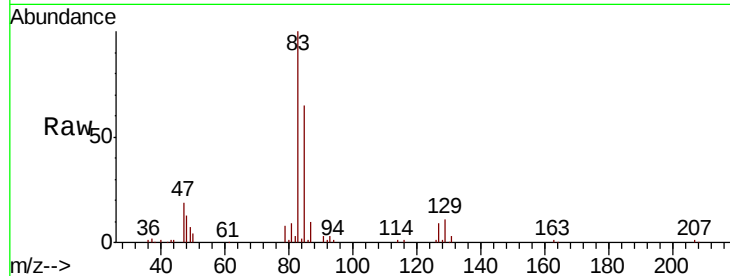




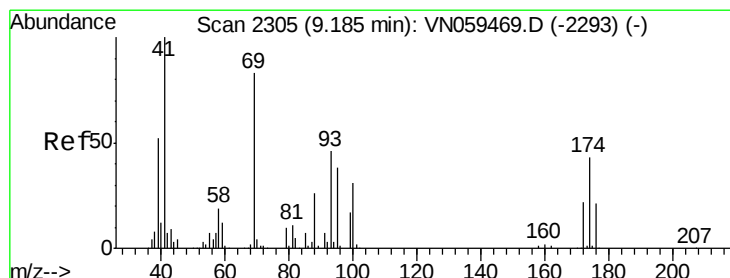
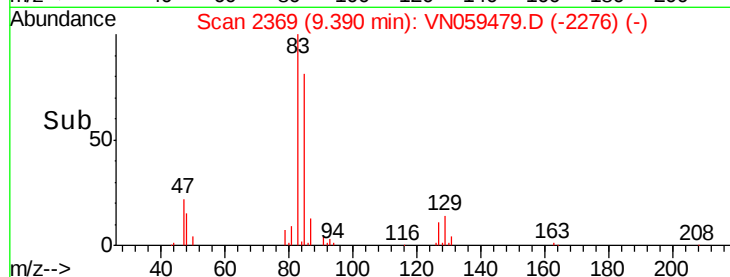
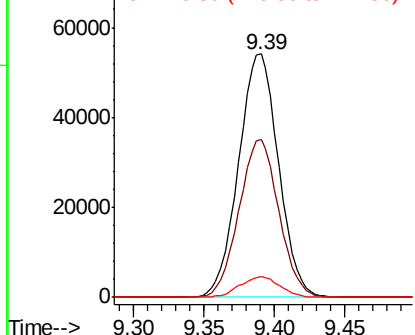
#47
Bromodichloromethane
Concen: 18.119 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 107416
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.6
127 8.6 6.6 9.8

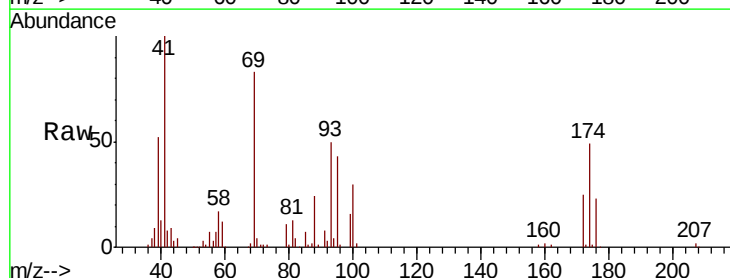


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

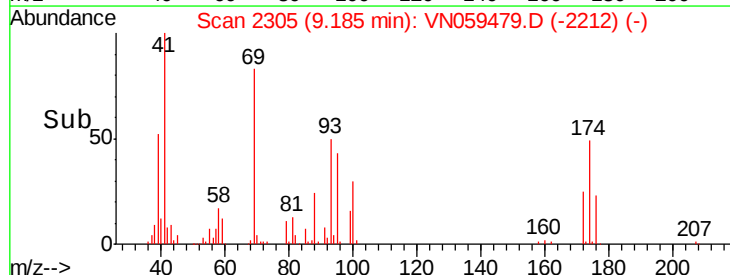
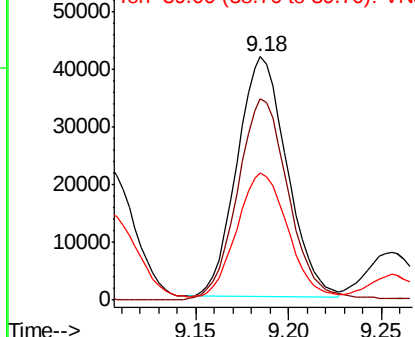


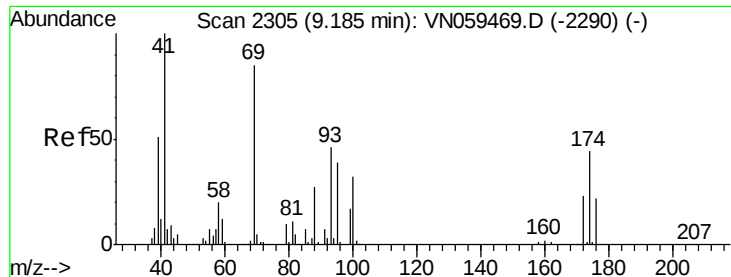
#48
Methyl methacrylate
Concen: 17.085 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 41 Resp: 77730
Ion Ratio Lower Upper
41 100
69 86.1 68.6 103.0
39 52.3 43.2 64.8



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

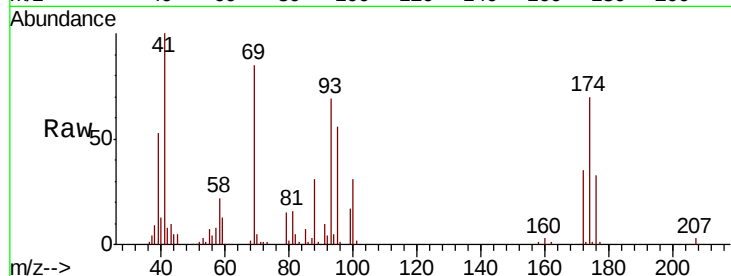




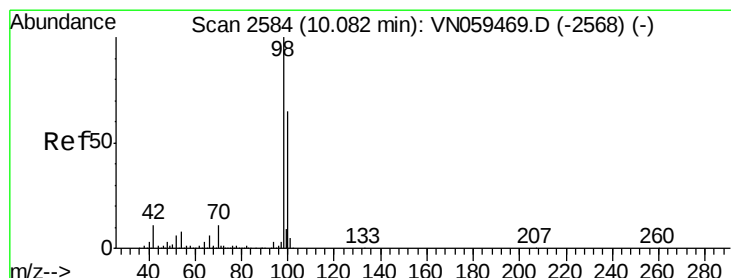
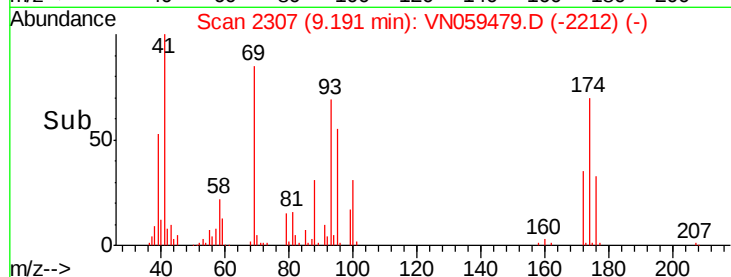
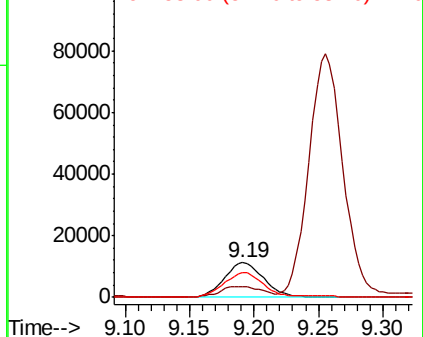
#49
 1,4-Dioxane
 Concen: 351.256 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.01 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 24182
 Ion Ratio Lower Upper
 88 100
 43 34.0 27.1 40.7
 58 70.9 57.8 86.6

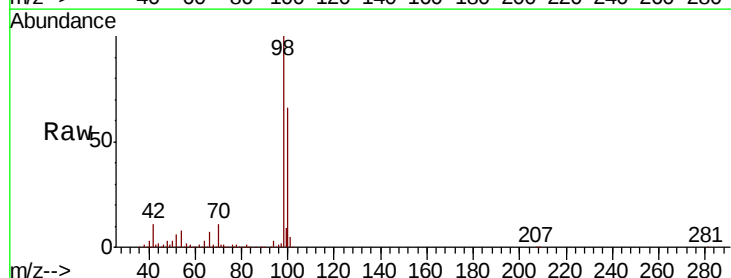


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

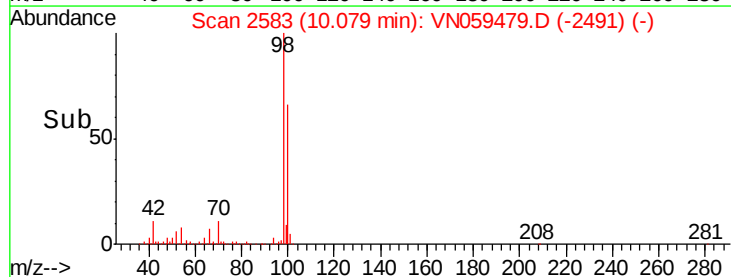
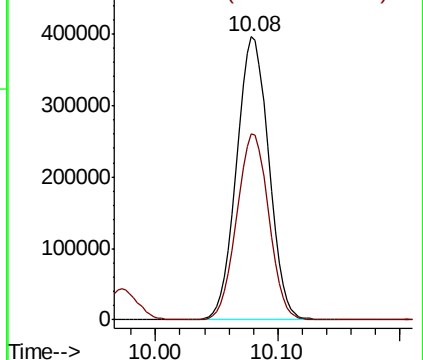


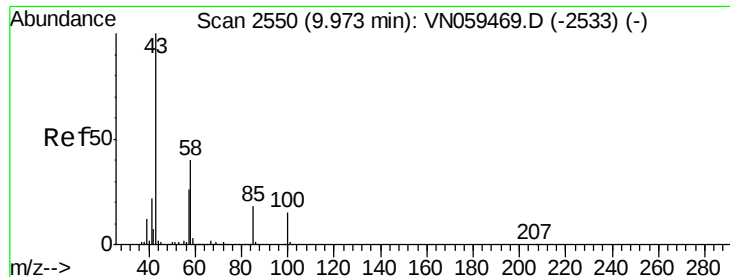
#50
 Toluene-d8
 Concen: 50.491 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Tgt Ion: 98 Resp: 723236
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.1 78.1



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

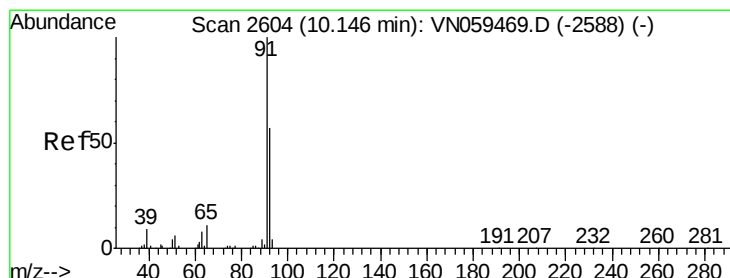
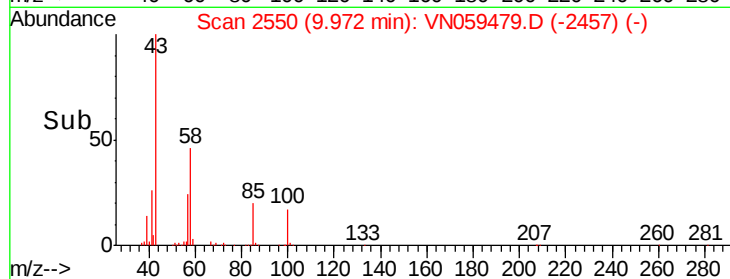
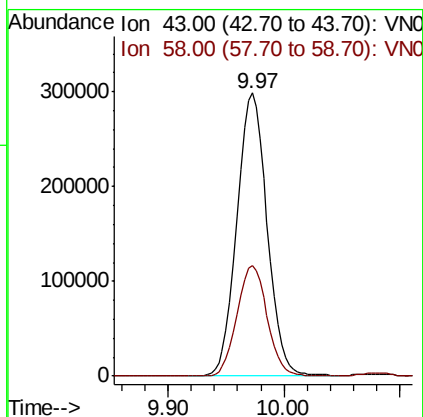
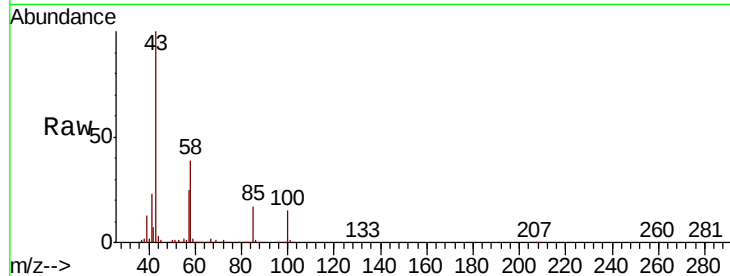




#51
4-Methyl-2-Pentanone
Concen: 90.161 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

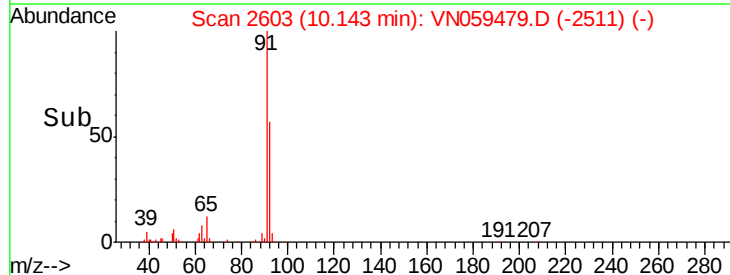
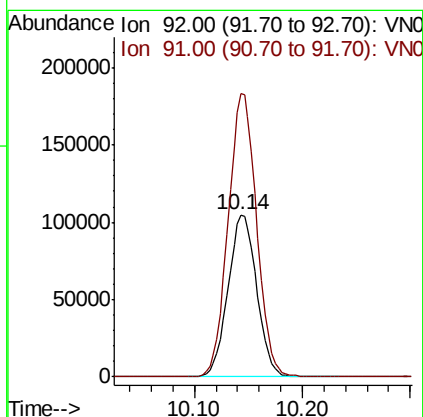
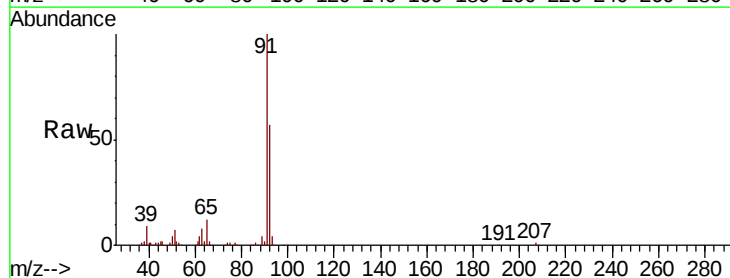
Instrument :
MSVOA_N
ClientSampleId :

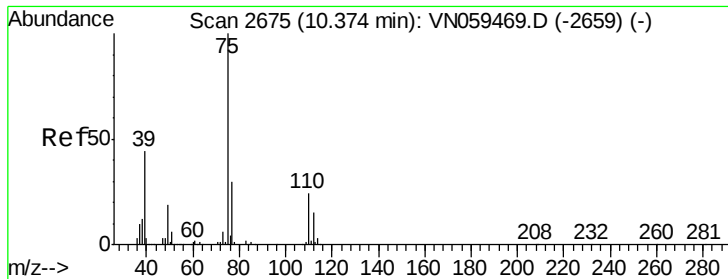
Tot Ion: 43 Resp: 539708
Ion Ratio Lower Upper
43 100
58 39.1 32.1 48.1



#52
Toluene
Concen: 18.061 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 92 Resp: 194166
Ion Ratio Lower Upper
92 100
91 173.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 17.657 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

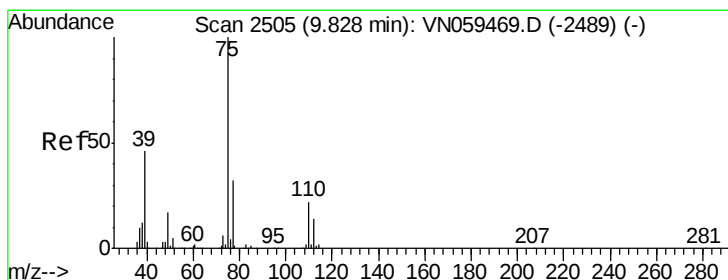
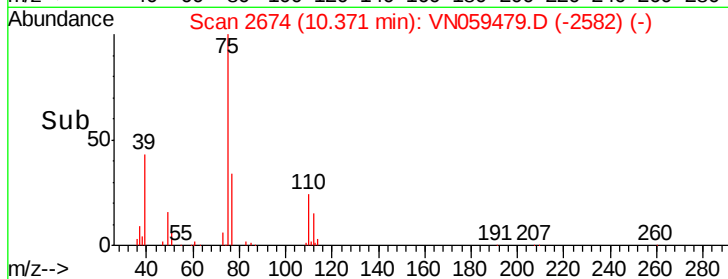
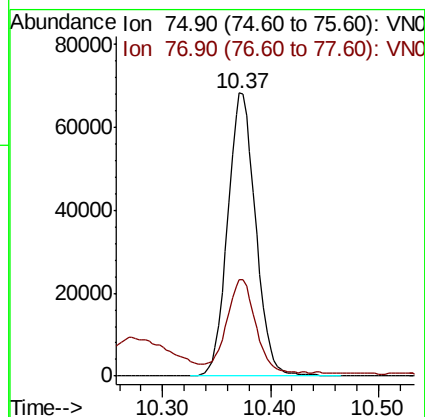
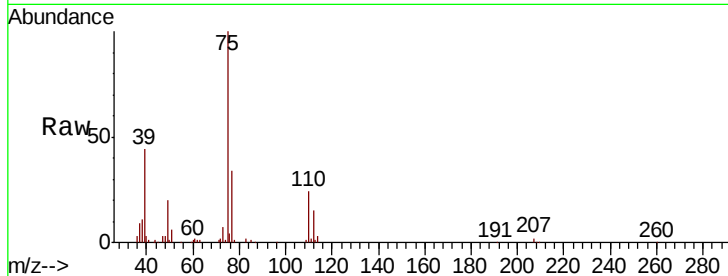
ClientSampleId :

Tot Ion: 75 Resp: 123169

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.172 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

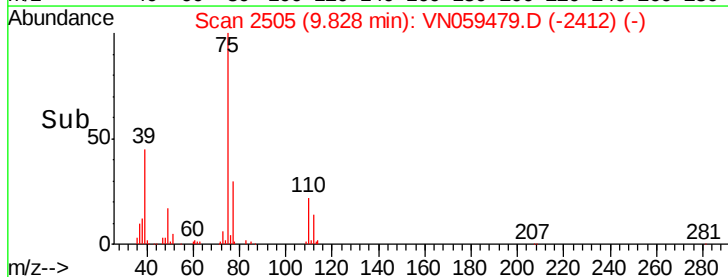
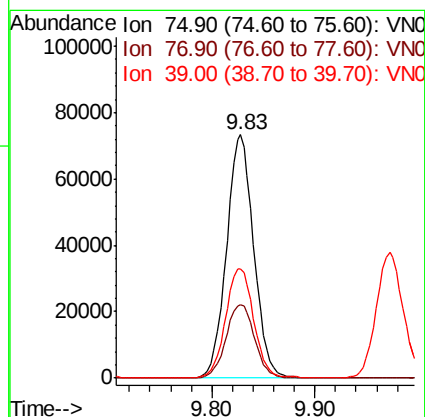
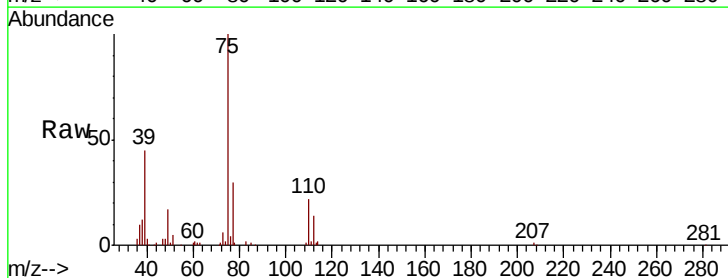
Tgt Ion: 75 Resp: 134365

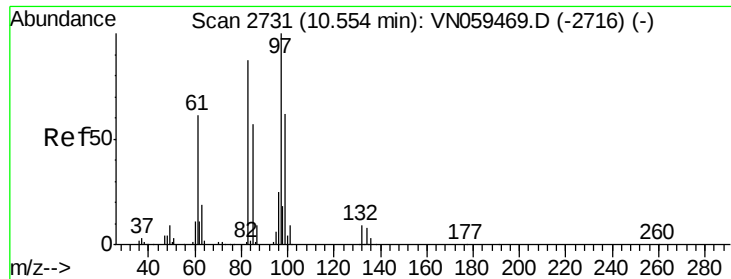
Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5

39 44.9 36.6 54.8

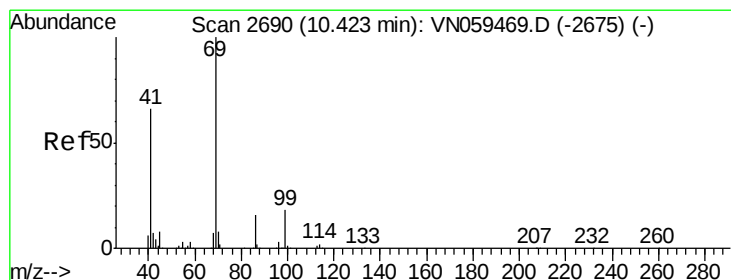
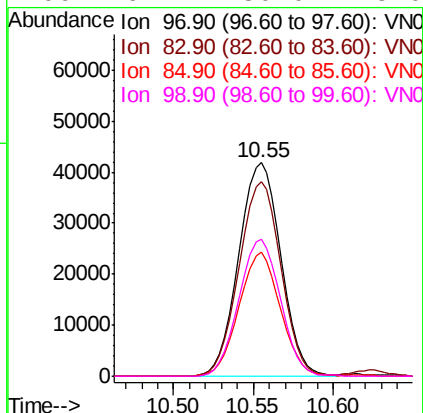
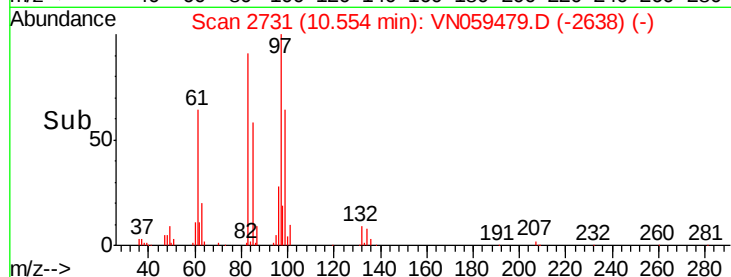
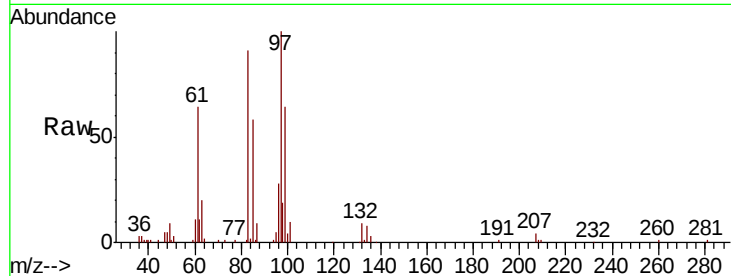




#55
 1,1,2-Trichloroethane
 Concen: 17.814 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

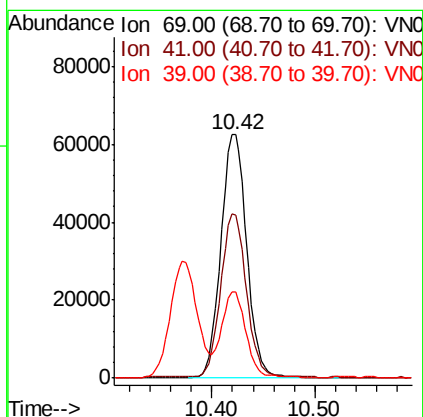
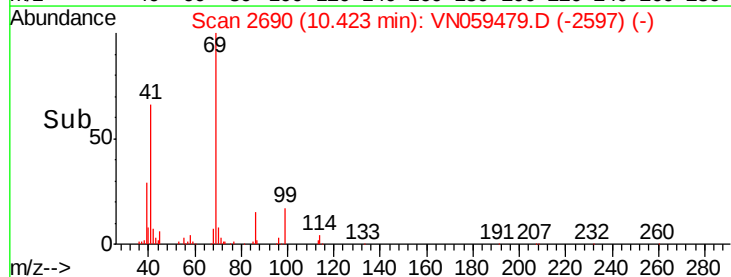
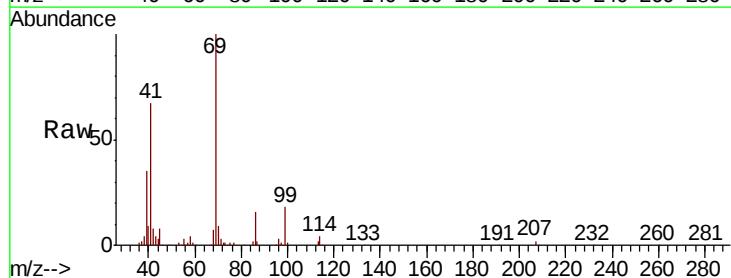
Instrument :
 MSVOA_N
 ClientSampleId :

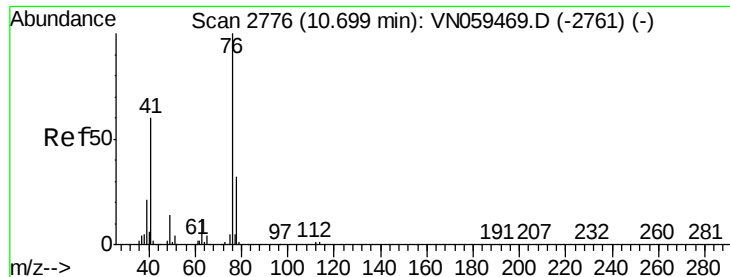
Tot Ion:	97	Resp:	75496
Ion	Ratio	Lower	Upper
97	100		
83	91.3	69.8	104.8
85	57.9	45.5	68.3
99	64.1	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 16.952 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Tgt Ion:	69	Resp:	109525
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.7	79.1
39	32.9	25.0	37.6





#57

1,3-Dichloropropane

Concen: 18.162 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

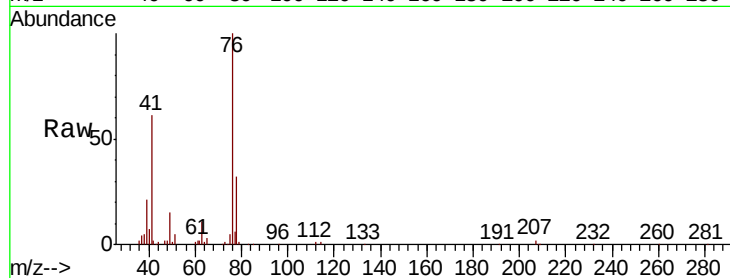
ClientSampleId :

Tot Ion: 76 Resp: 133106

Ion Ratio Lower Upper

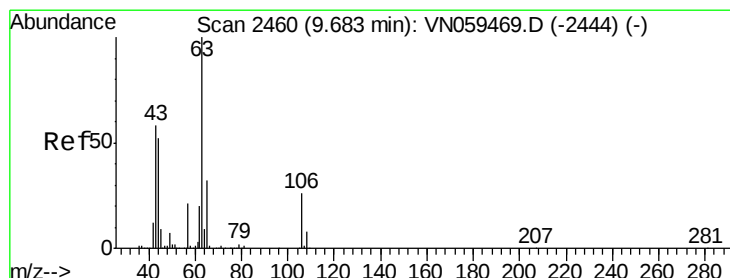
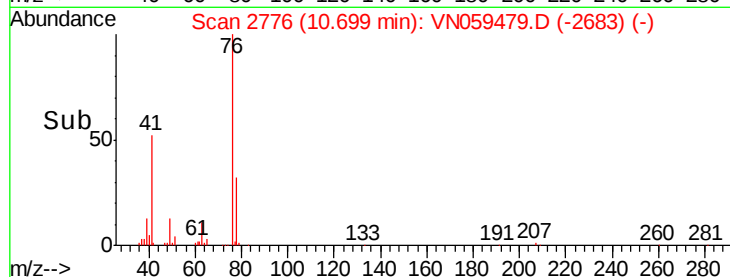
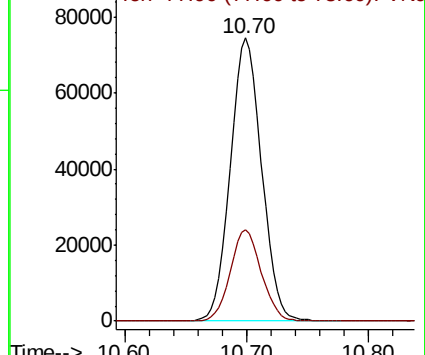
76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 84.595 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059479.D

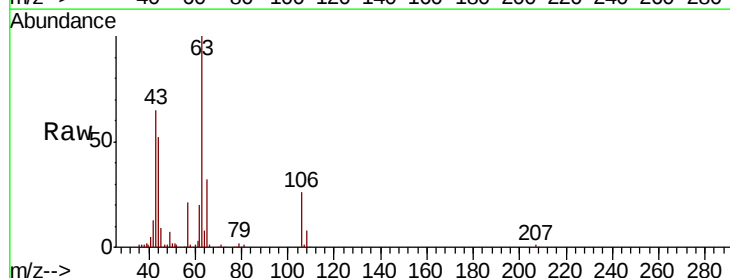
Acq: 4 Dec 2019 11:34

Tgt Ion: 63 Resp: 171830

Ion Ratio Lower Upper

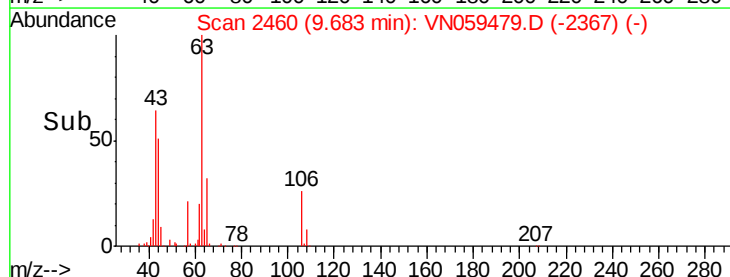
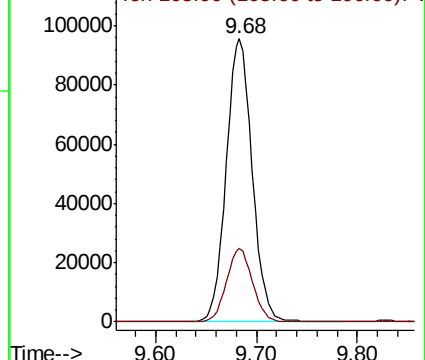
63 100

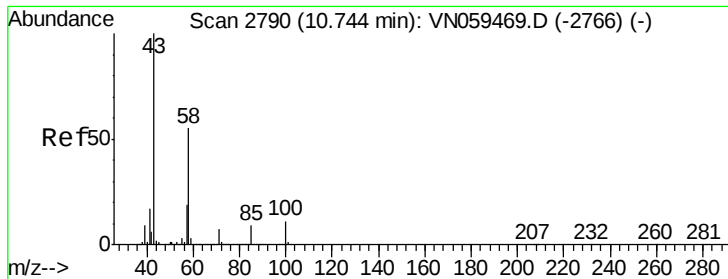
106 25.8 20.4 30.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

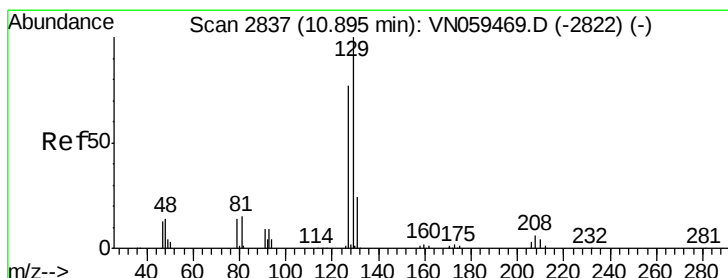
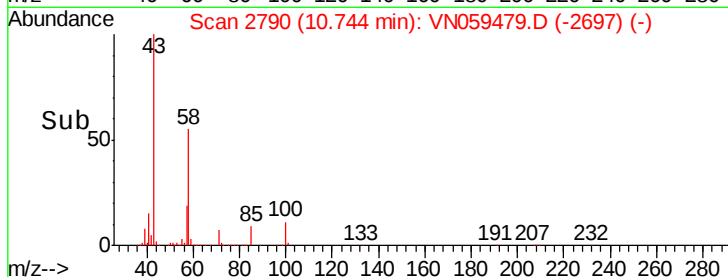
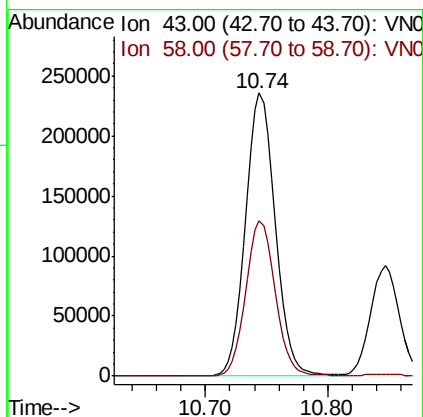
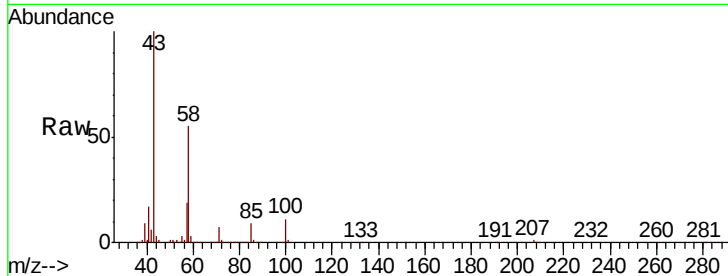




#59
2-Hexanone
Concen: 87.726 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

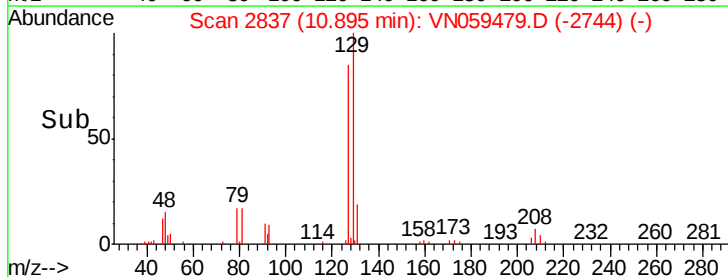
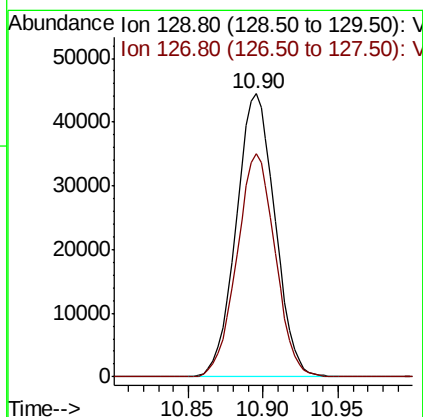
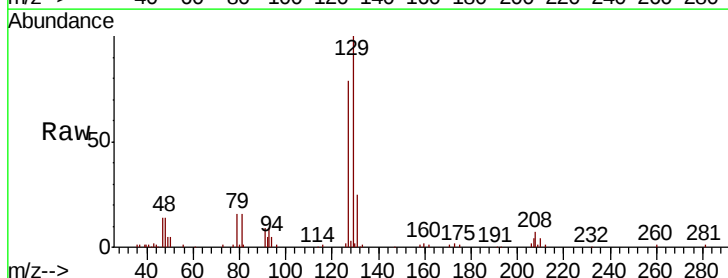
Instrument :
MSVOA_N
ClientSampled :

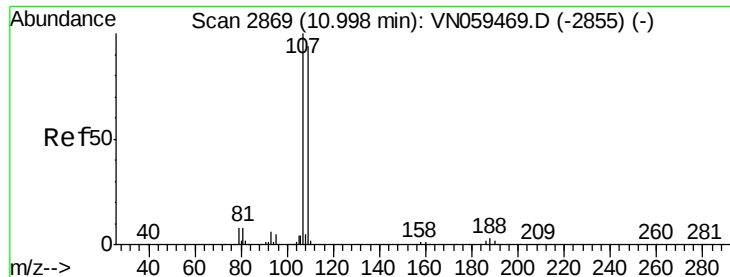
Tot Ion: 43 Resp: 395200
Ion Ratio Lower Upper
43 100
58 54.4 27.7 83.0



#60
Dibromochloromethane
Concen: 17.687 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 129 Resp: 80032
Ion Ratio Lower Upper
129 100
127 78.0 39.0 116.9





#61

1,2-Dibromoethane

Concen: 17.852 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

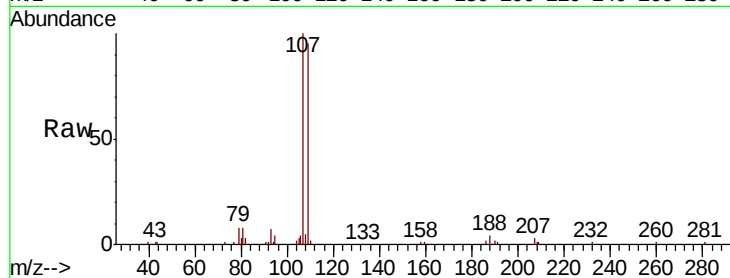
ClientSampleId :

Tot Ion: 107 Resp: 78176

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

30000

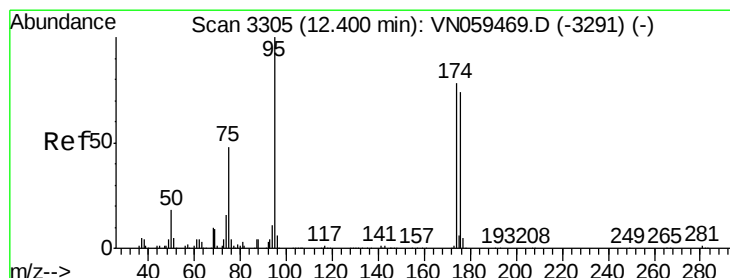
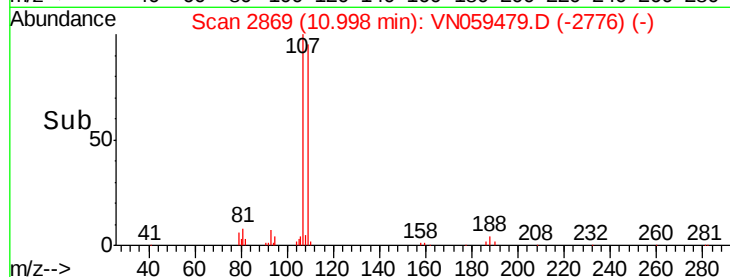
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 49.784 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

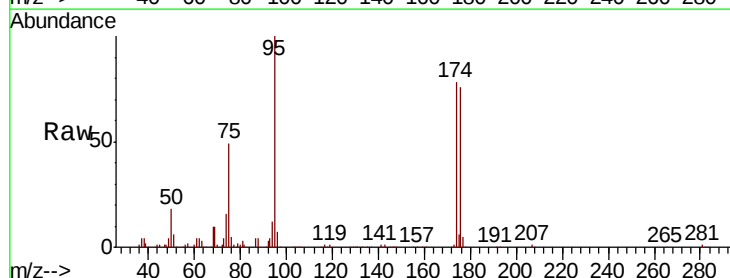
Tgt Ion: 95 Resp: 249042

Ion Ratio Lower Upper

95 100

174 78.7 0.0 157.0

176 76.3 0.0 152.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

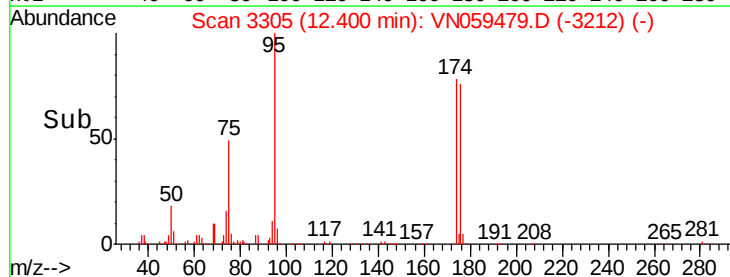
100000

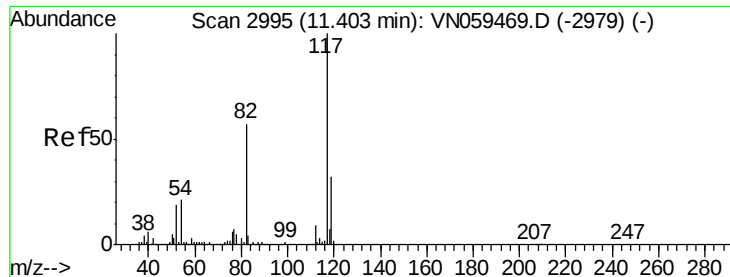
50000

0

Time-->

12.35 12.40 12.45

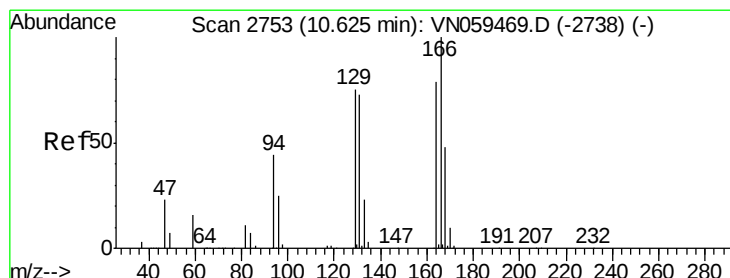
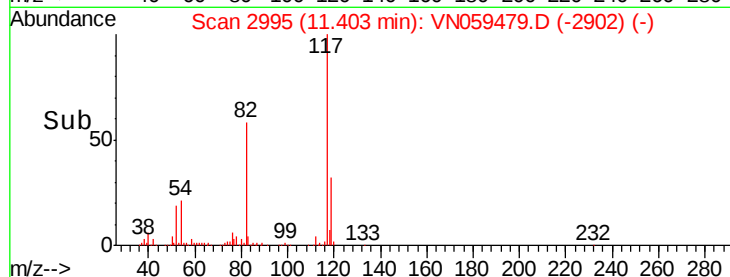
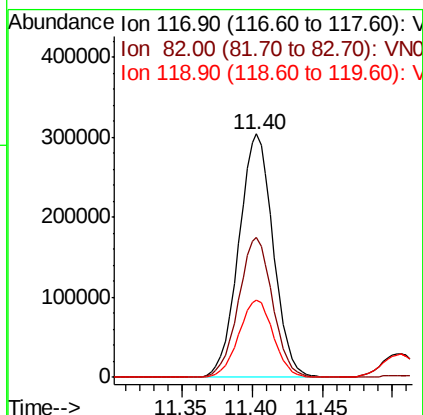
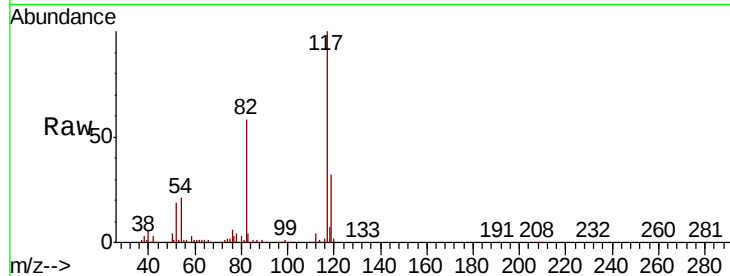




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

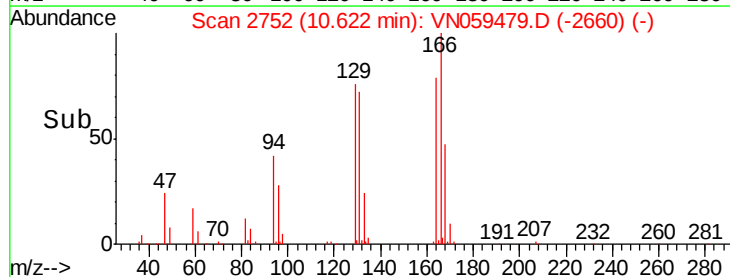
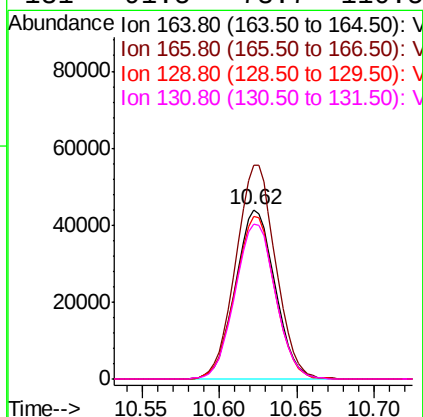
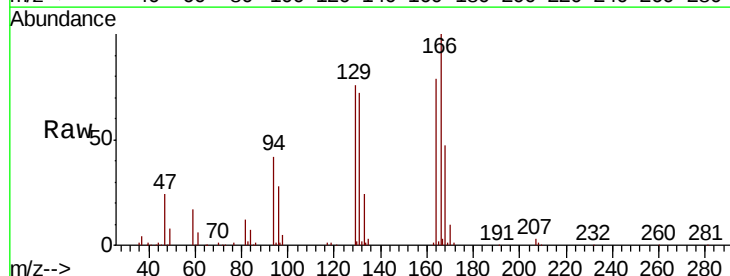
Instrument :
MSVOA_N
ClientSampleId :

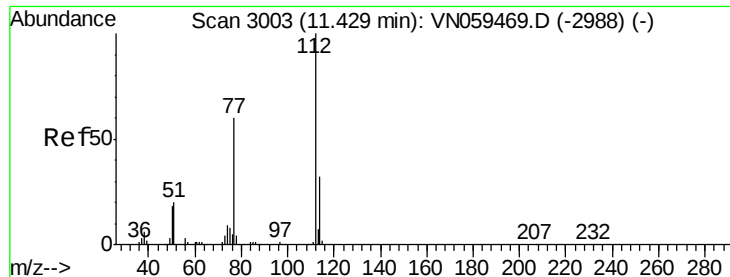
Tot Ion:117 Resp: 519489
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.8
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 17.749 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion:164 Resp: 78430
Ion Ratio Lower Upper
164 100
166 126.3 101.2 151.8
129 96.3 76.1 114.1
131 91.5 73.7 110.5

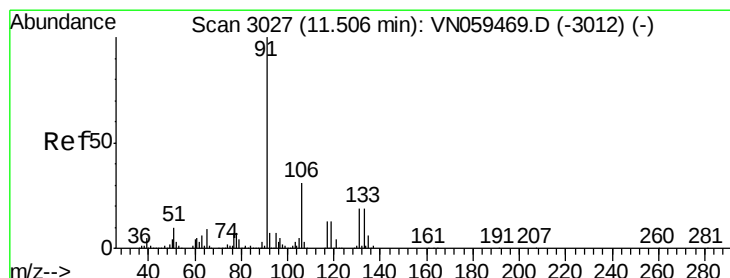
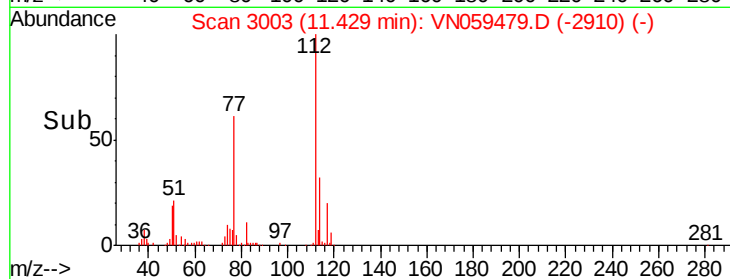
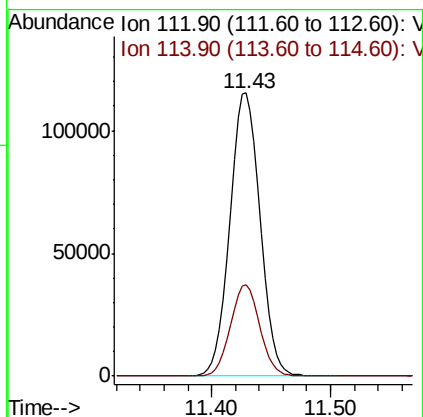
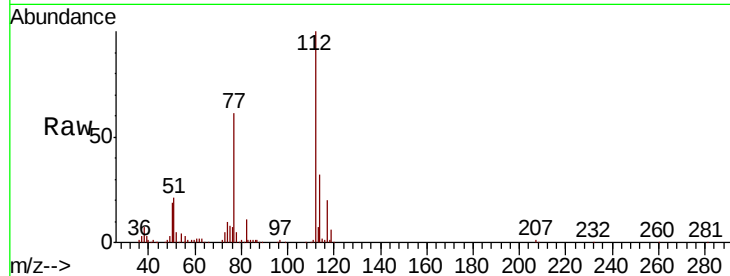




#65
Chlorobenzene
Concen: 17.870 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

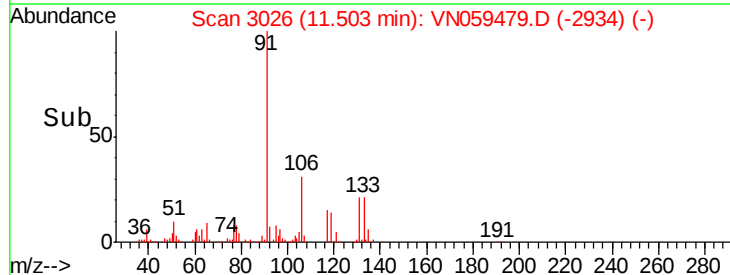
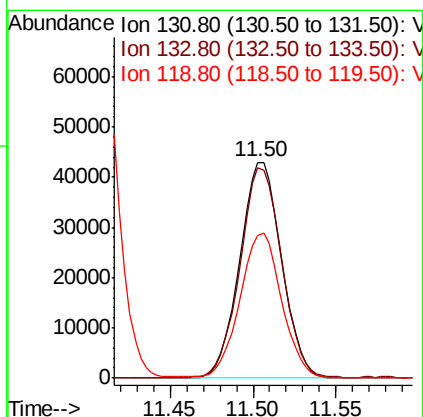
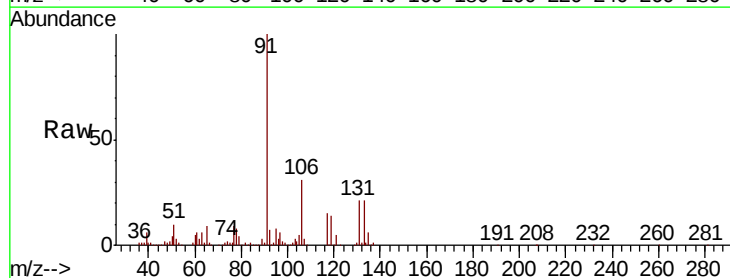
Instrument :
MSVOA_N
ClientSampled :

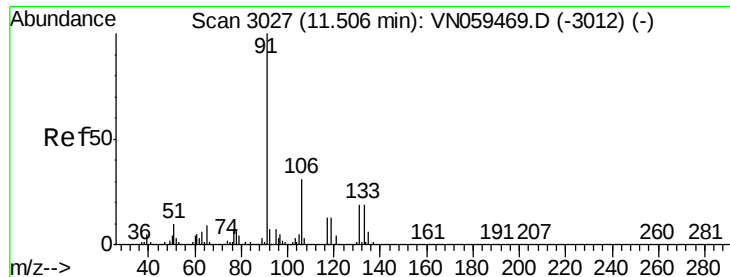
Tot Ion:112 Resp: 202944
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.374 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion:131 Resp: 74979
Ion Ratio Lower Upper
131 100
133 98.4 48.0 144.0
119 67.5 33.9 101.6





#67

Ethyl Benzene

Concen: 18.230 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

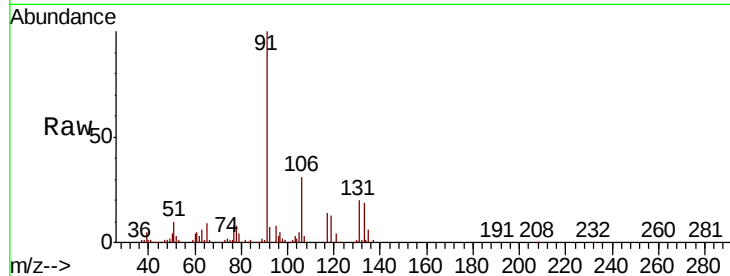
ClientSampled :

Tot Ion: 91 Resp: 362737

Ion Ratio Lower Upper

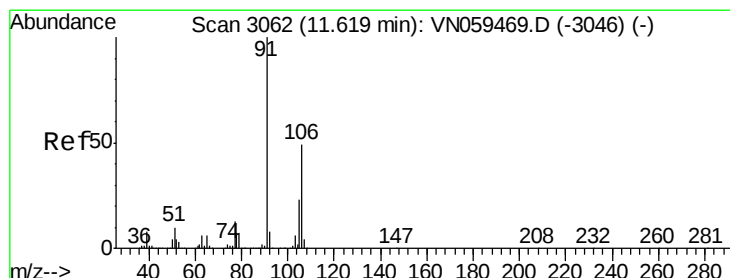
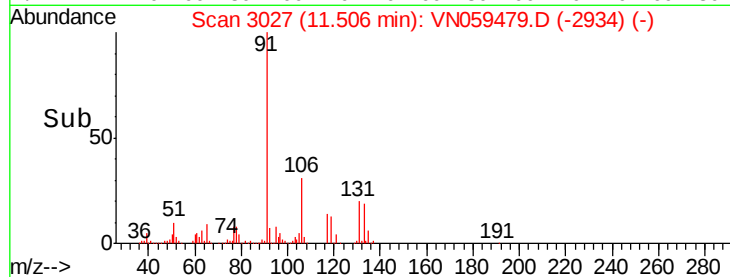
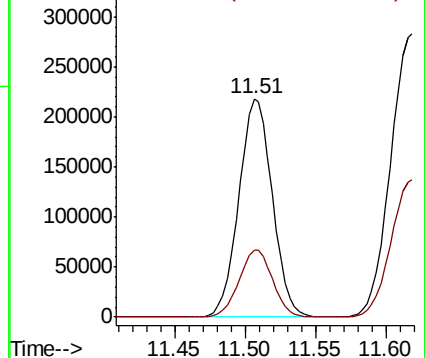
91 100

106 30.6 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.461 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059479.D

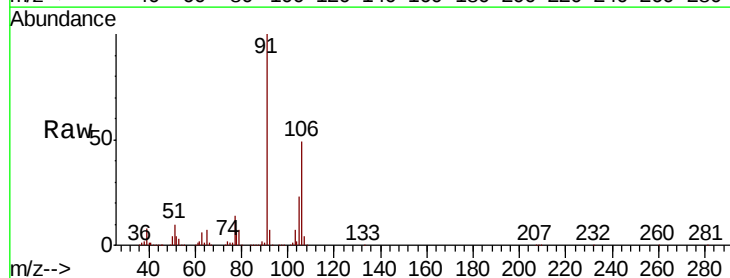
Acq: 4 Dec 2019 11:34

Tgt Ion: 106 Resp: 270131

Ion Ratio Lower Upper

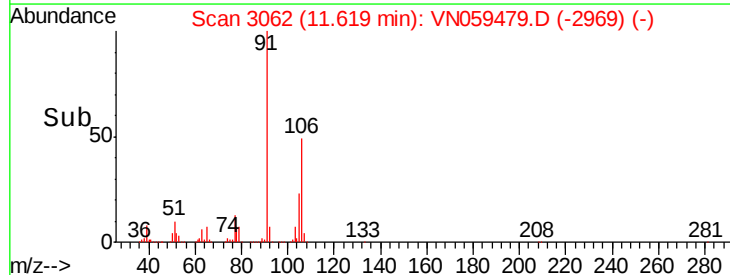
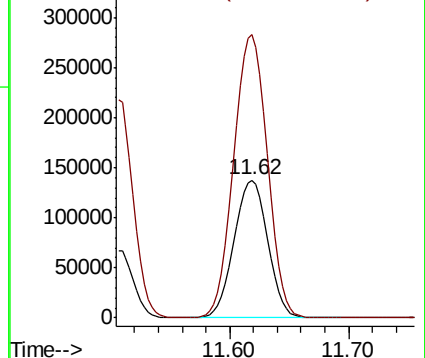
106 100

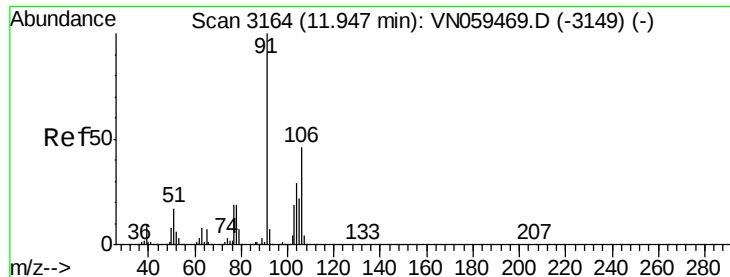
91 205.3 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

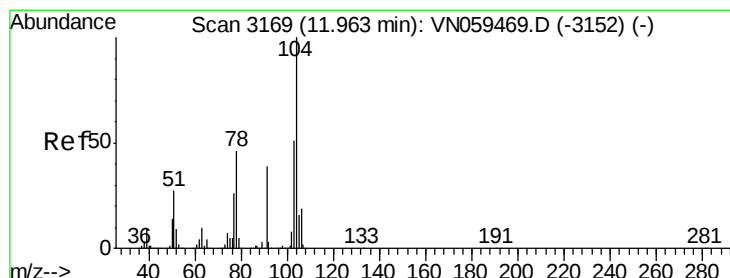
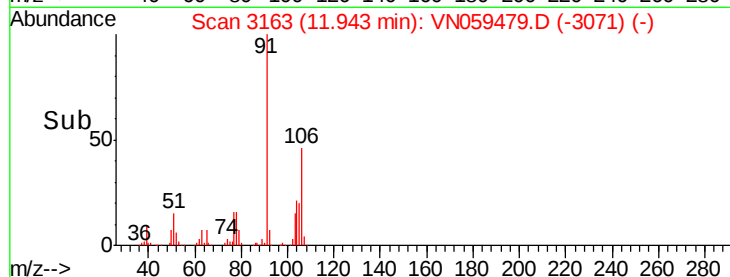
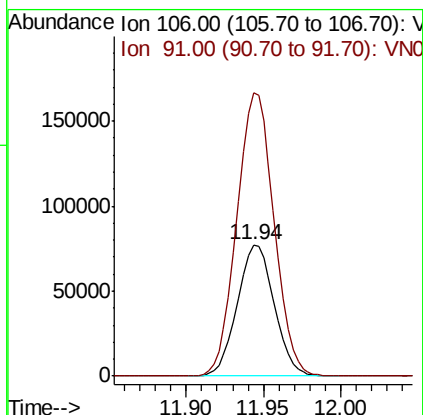
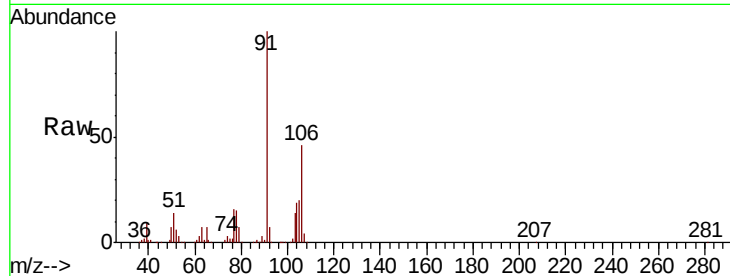




#69
o-Xylene
Concen: 18.179 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

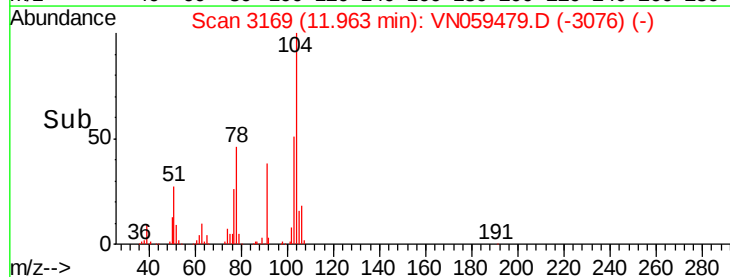
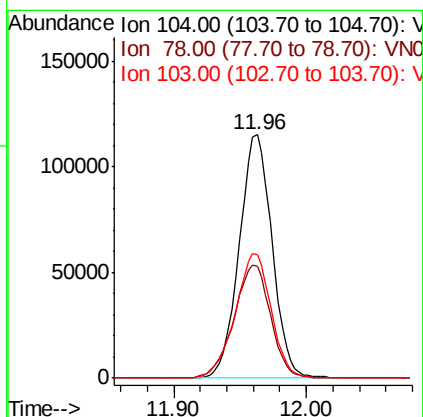
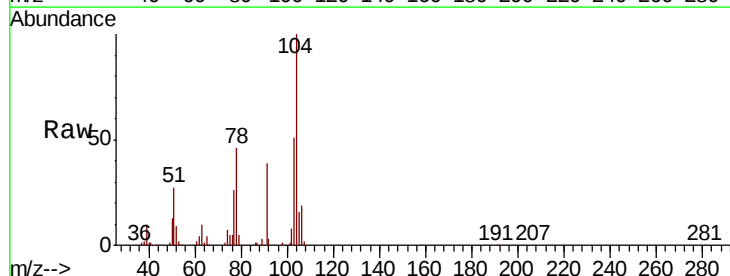
Instrument :
MSVOA_N
ClientSampleId :

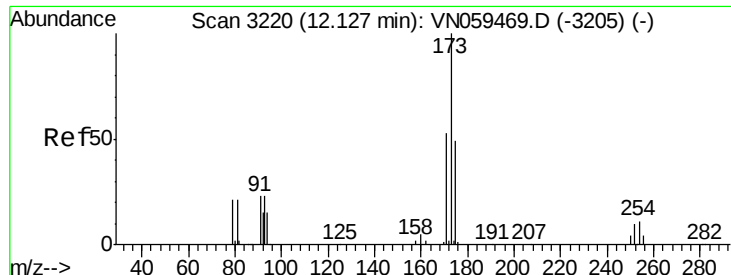
Tot Ion:106 Resp: 128224
Ion Ratio Lower Upper
106 100
91 217.7 108.5 325.3



#70
Styrene
Concen: 17.662 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion:104 Resp: 198870
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 55.6 44.7 67.1

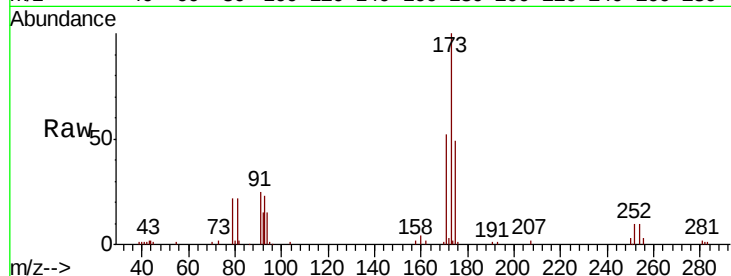




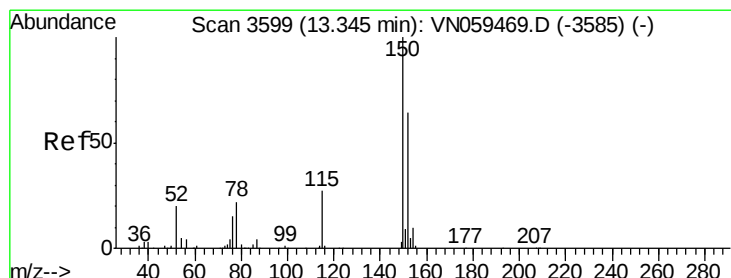
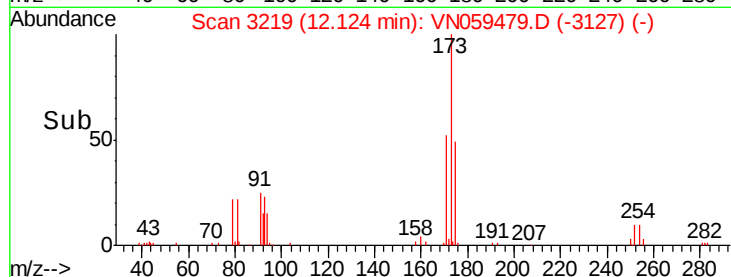
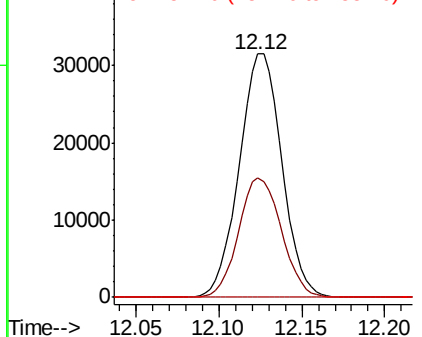
#71
Bromoform
Concen: 17.716 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 56349
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

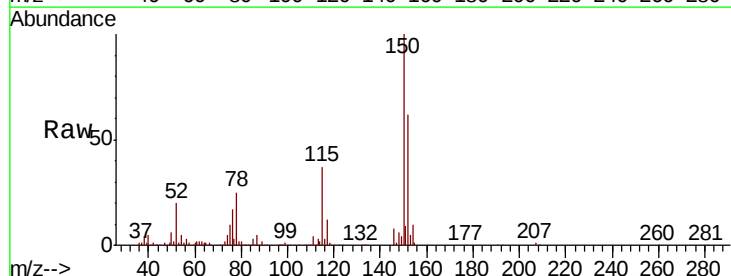


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

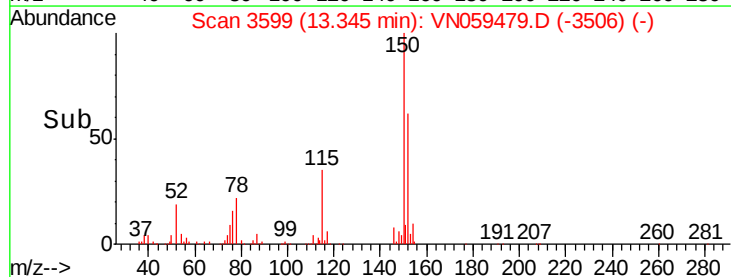
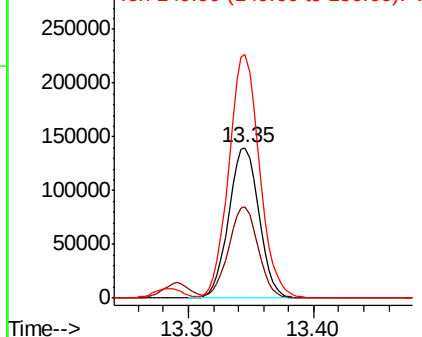


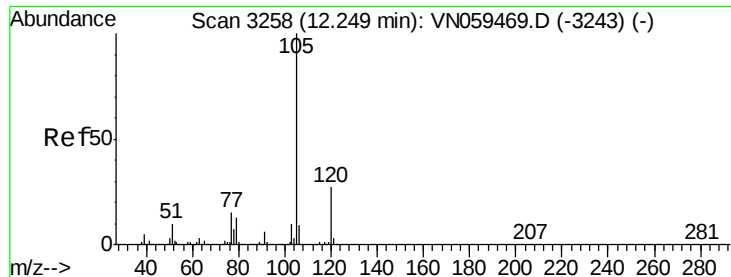
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion:152 Resp: 233985
Ion Ratio Lower Upper
152 100
115 58.8 29.2 87.6
150 164.3 0.0 352.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.085 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

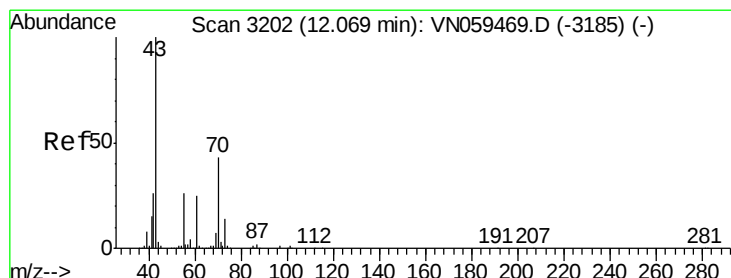
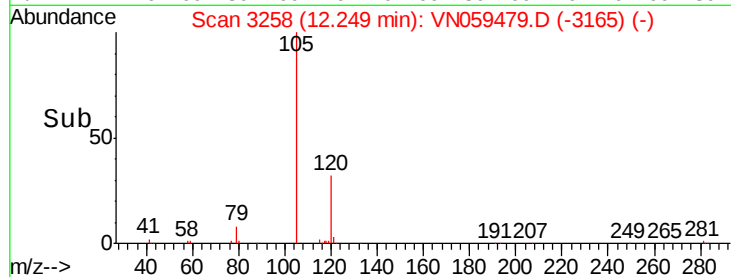
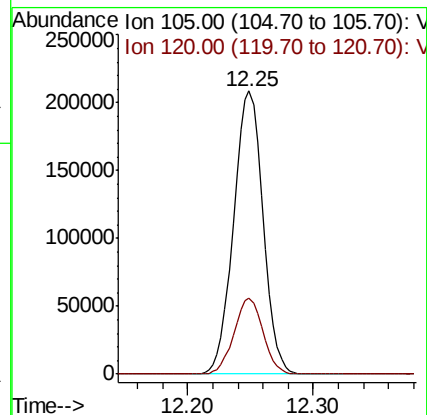
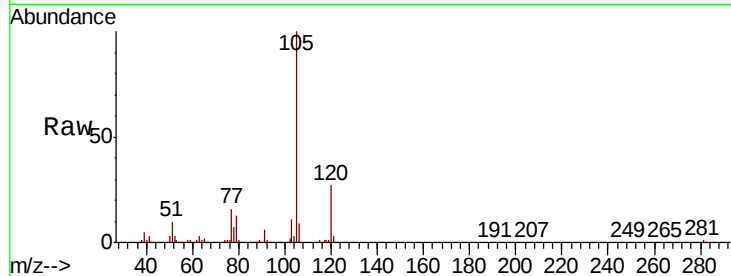
ClientSampleId :

Tot Ion:105 Resp: 339359

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 16.884 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Tgt Ion: 43 Resp: 127616

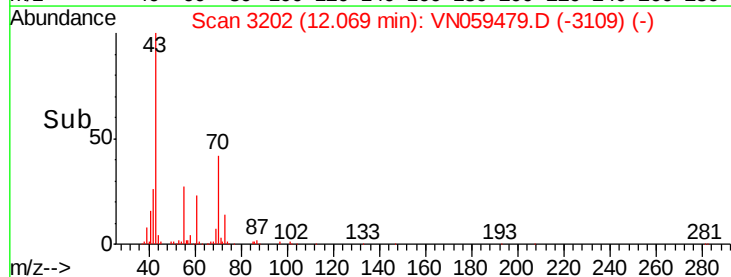
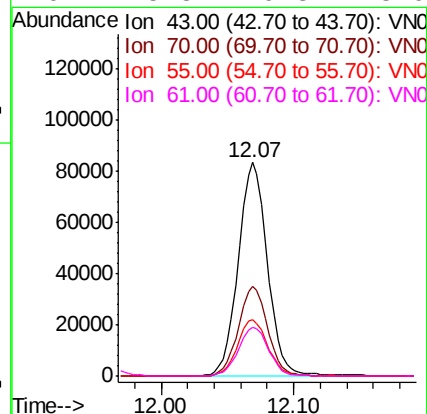
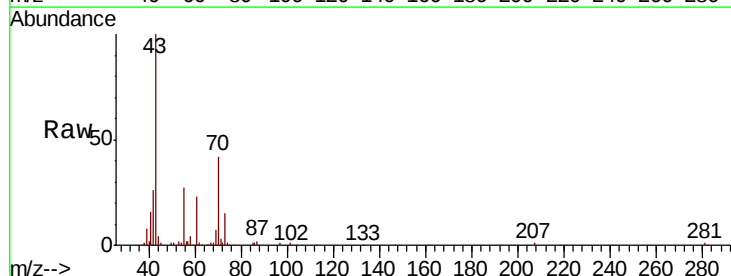
Ion Ratio Lower Upper

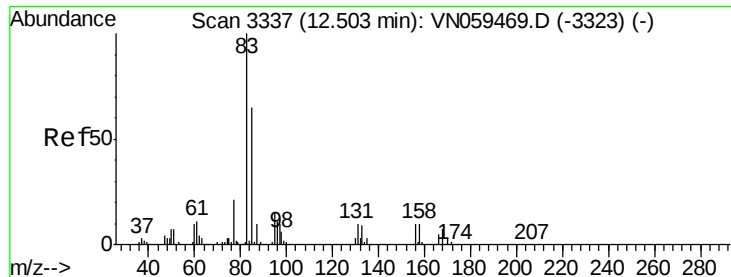
43 100

70 41.8 34.2 51.2

55 27.4 20.6 31.0

61 23.8 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.204 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

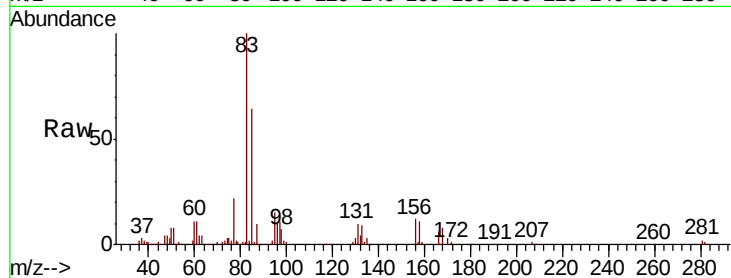
Tot Ion: 83 Resp: 109573

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

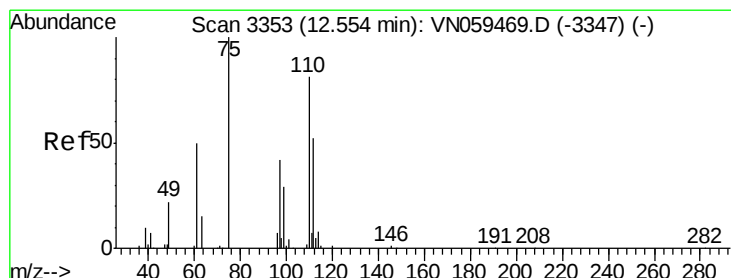
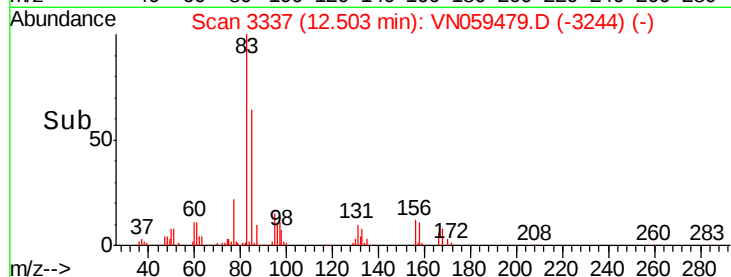
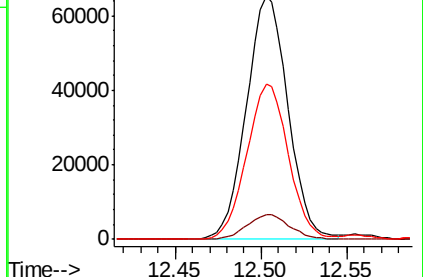
85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN059479.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059479.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059479.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 25.246 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN059479.D

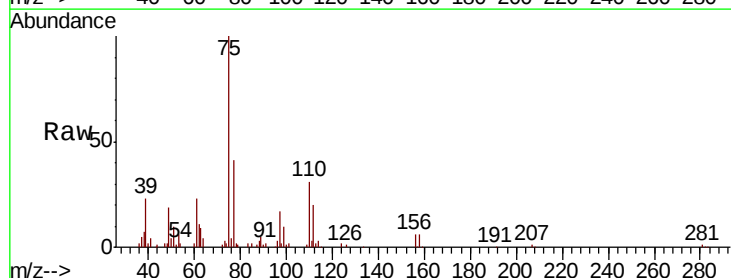
Acq: 4 Dec 2019 11:34

Tgt Ion: 75 Resp: 146875

Ion Ratio Lower Upper

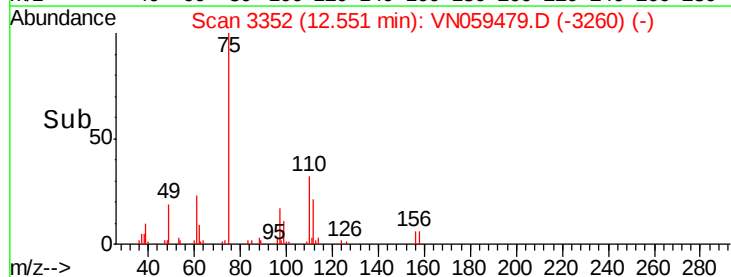
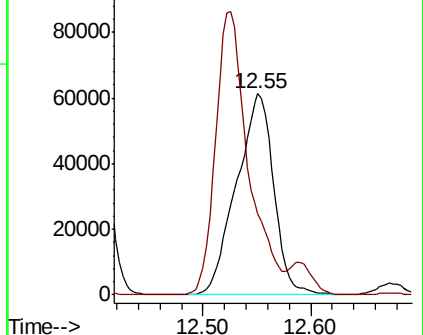
75 100

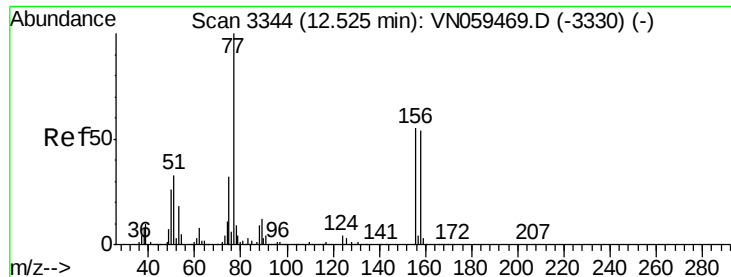
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059479.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059479.D (-3260) (-)





#77

Bromobenzene

Concen: 17.541 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

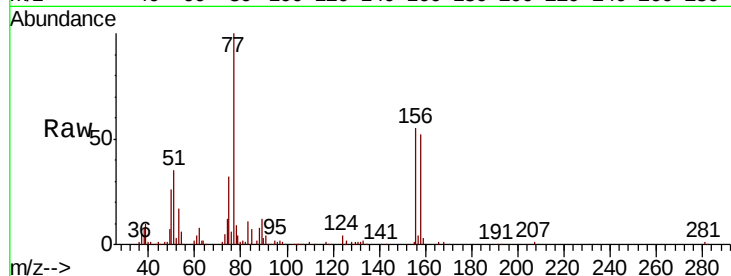
Tot Ion:156 Resp: 82253

Ion Ratio Lower Upper

156 100

77 223.2 110.3 331.0

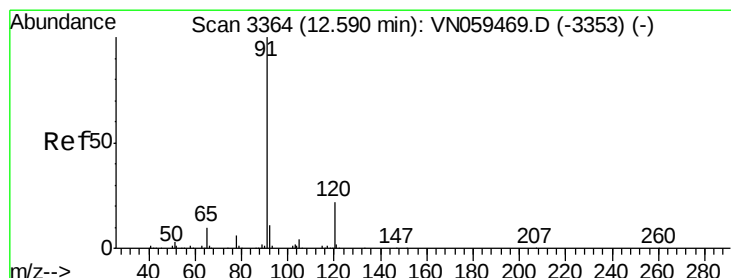
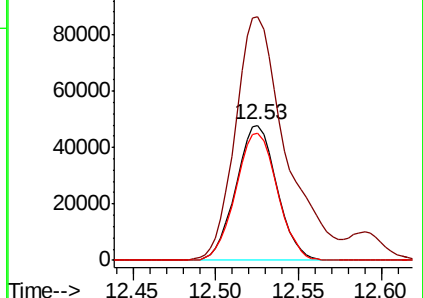
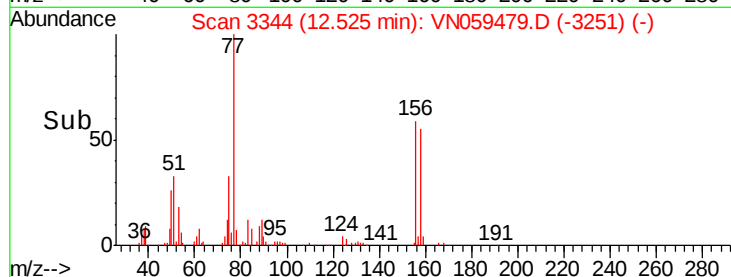
158 95.6 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.098 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059479.D

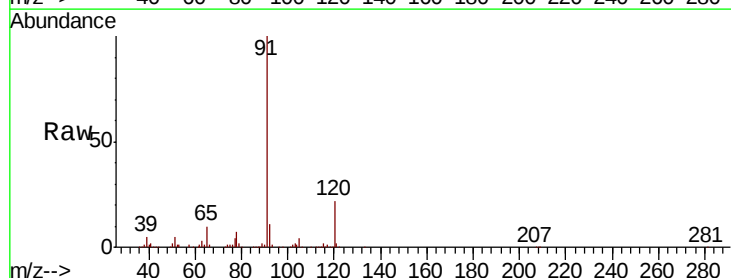
Acq: 4 Dec 2019 11:34

Tgt Ion: 91 Resp: 395220

Ion Ratio Lower Upper

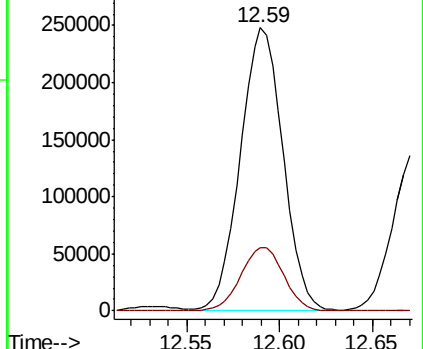
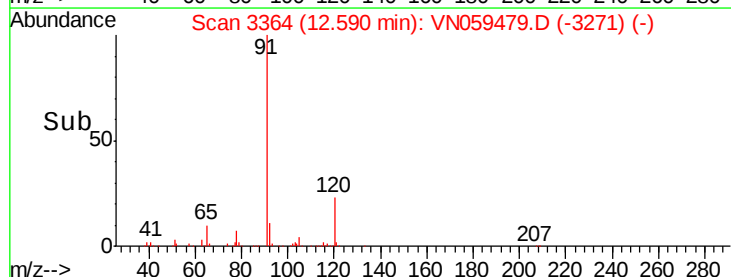
91 100

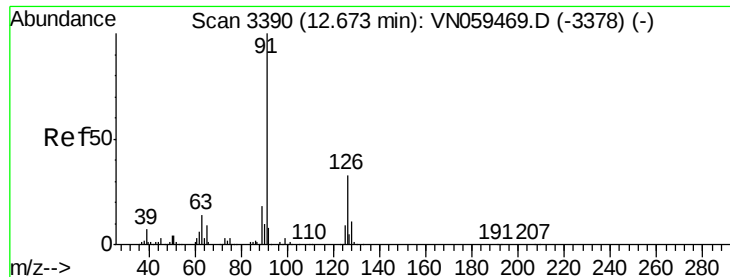
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.122 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

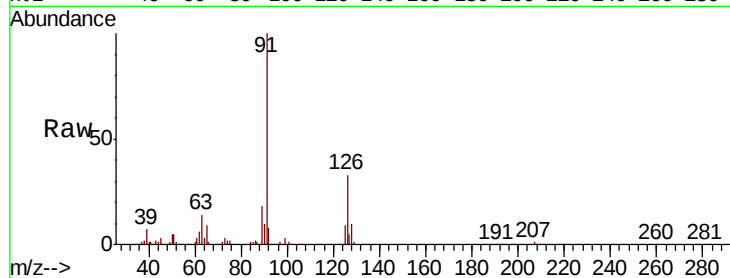
ClientSampleId :

Tot Ion: 91 Resp: 238552

Ion Ratio Lower Upper

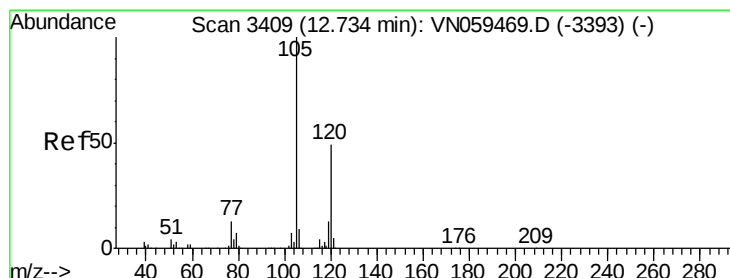
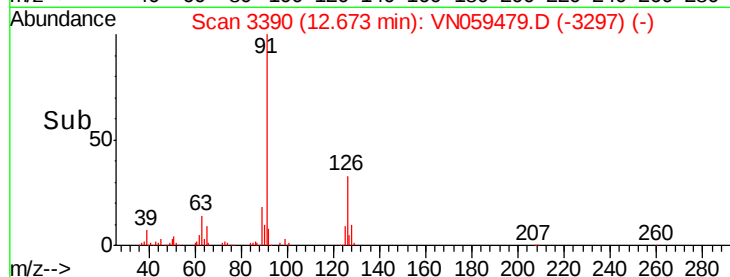
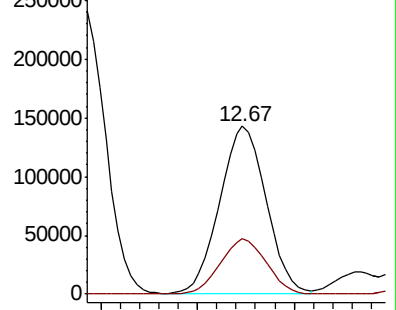
91 100

126 33.1 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN059479.D (-3397) (-)

Ion 125.90 (125.60 to 126.60): VN059479.D (-3397) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.339 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059479.D

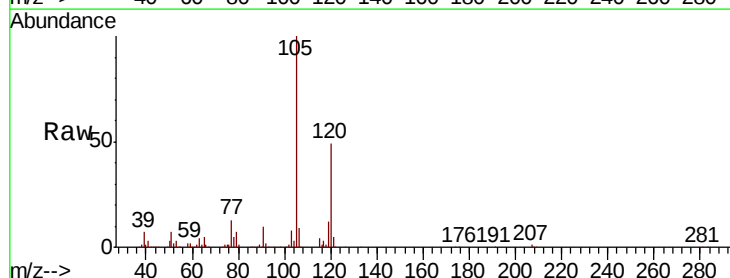
Acq: 4 Dec 2019 11:34

Tgt Ion: 105 Resp: 287591

Ion Ratio Lower Upper

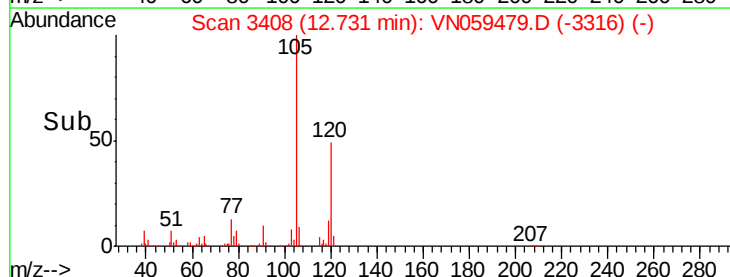
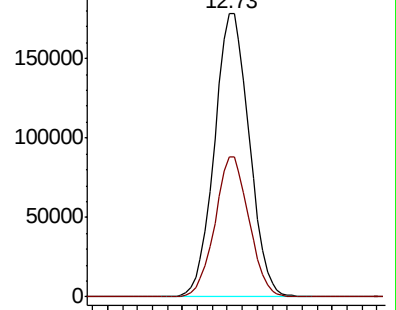
105 100

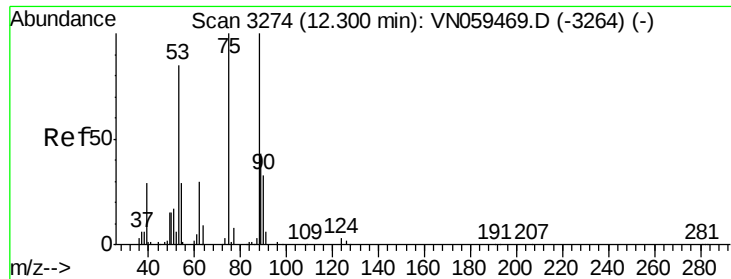
120 48.5 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN059479.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN059479.D (-3316) (-)

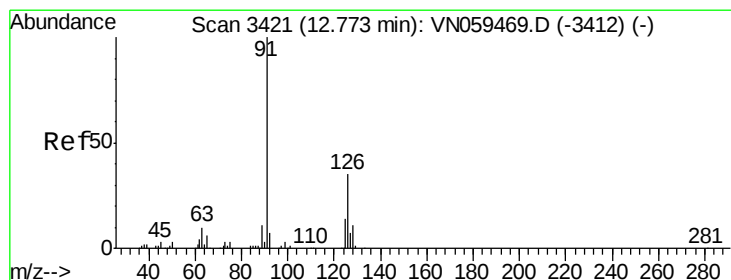
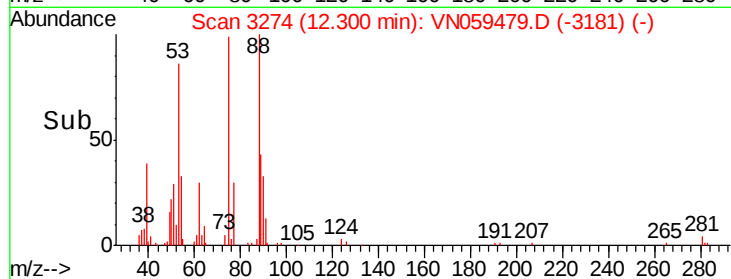
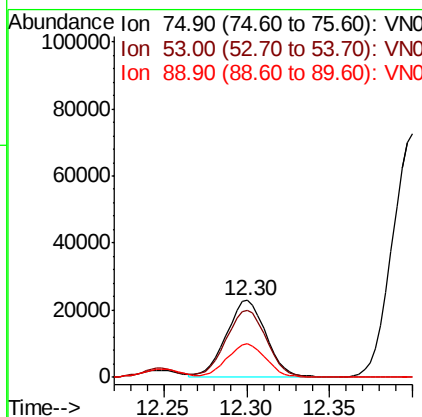
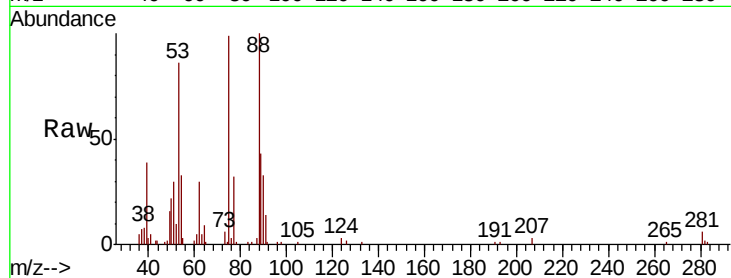




#81
trans-1,4-Dichloro-2-butene
Concen: 17.223 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

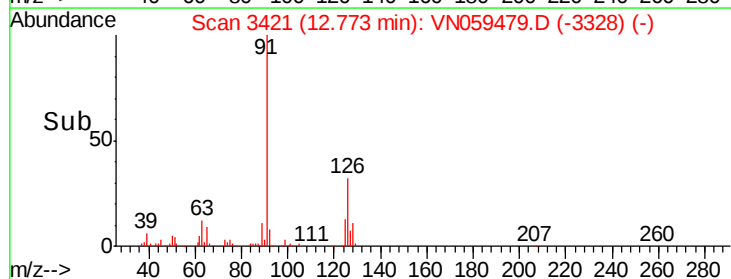
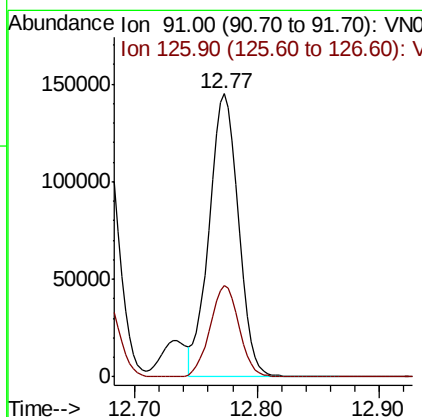
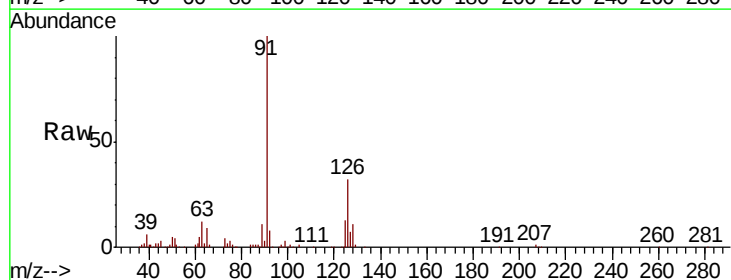
Instrument :
MSVOA_N
ClientSampled :

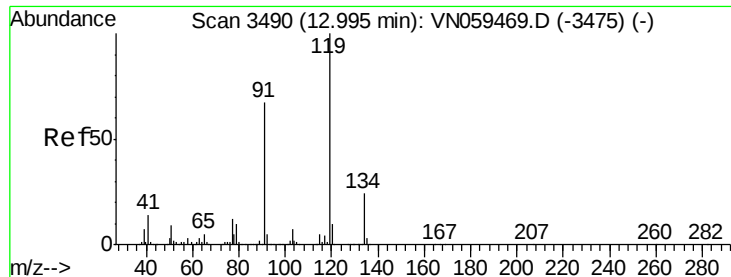
Tot Ion: 75 Resp: 38181
Ion Ratio Lower Upper
75 100
53 89.0 69.8 104.6
89 42.8 35.2 52.8



#82
4-Chlorotoluene
Concen: 17.957 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 91 Resp: 243893
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.2

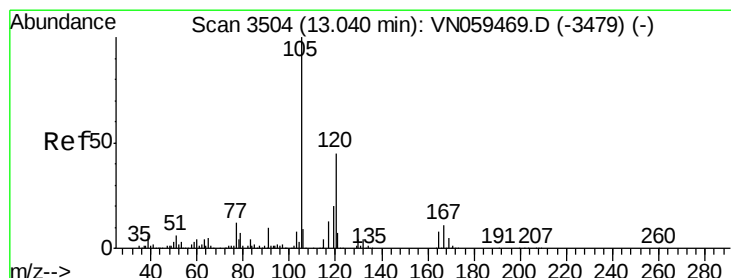
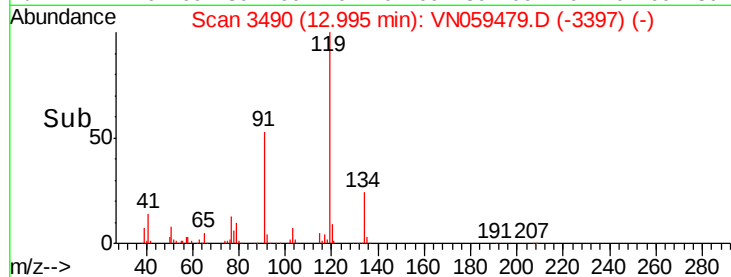
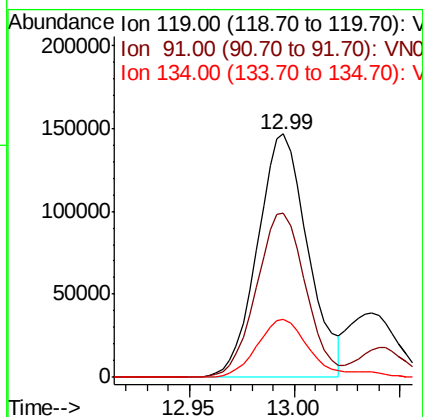
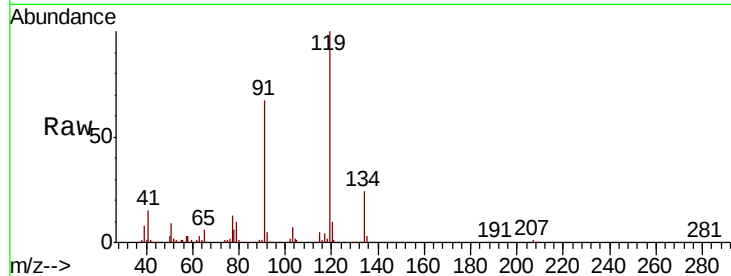




#83
tert-Butylbenzene
Concen: 17.865 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

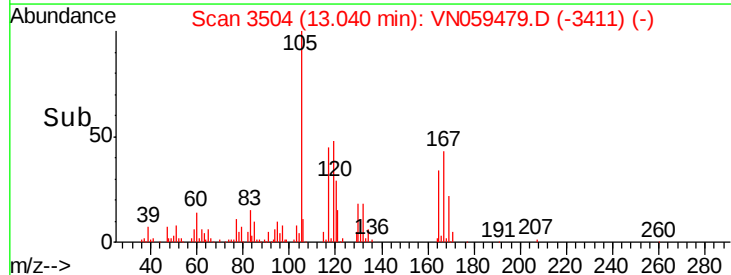
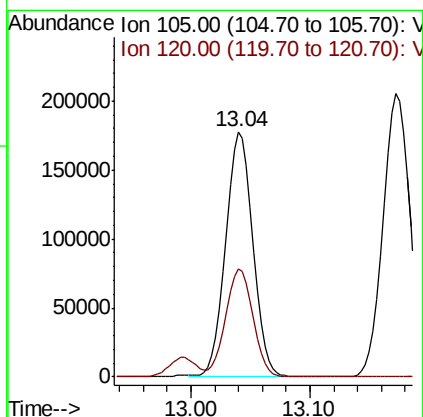
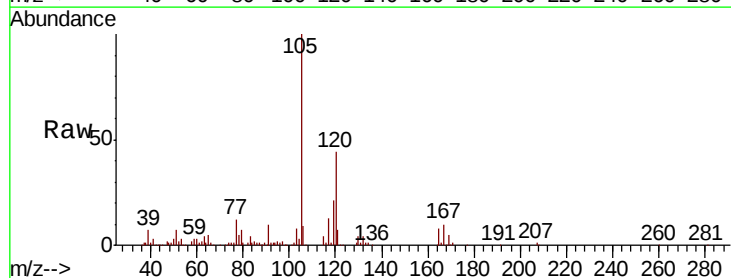
Instrument :
MSVOA_N
ClientSampleId :

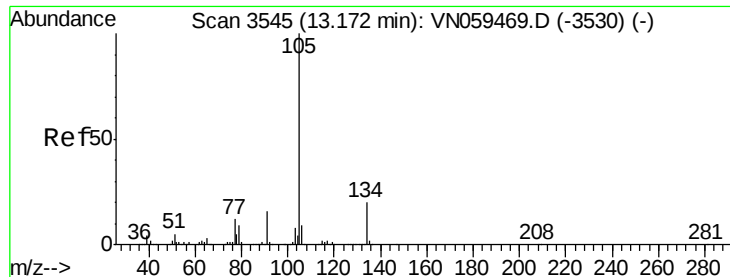
Tot Ion:119 Resp: 243219
Ion Ratio Lower Upper
119 100
91 66.6 32.6 97.7
134 25.6 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 18.302 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion:105 Resp: 280482
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 18.108 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

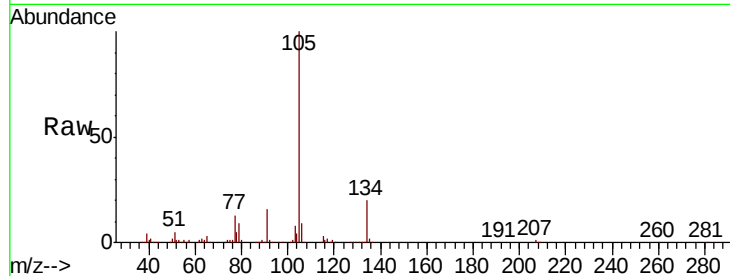
ClientSampled :

Tot Ion:105 Resp: 326747

Ion Ratio Lower Upper

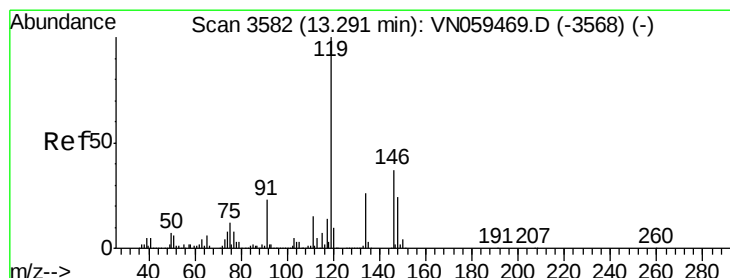
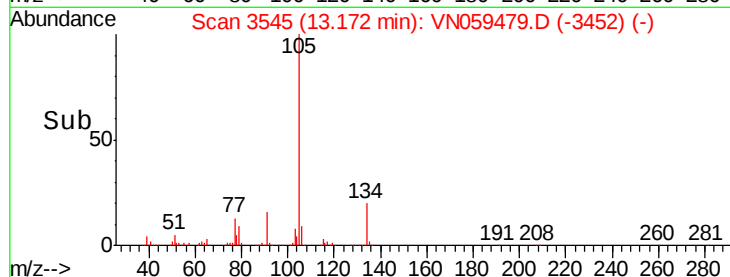
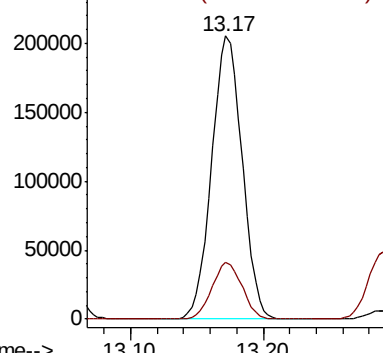
105 100

134 19.9 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.353 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

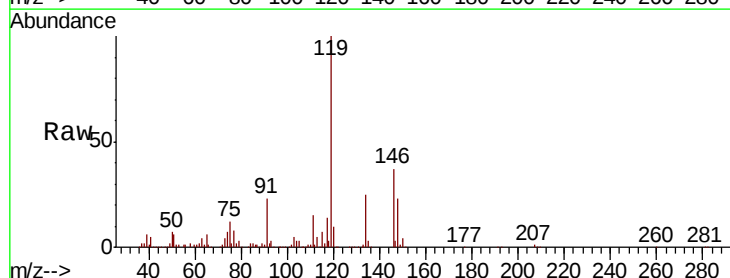
Tgt Ion:119 Resp: 296766

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

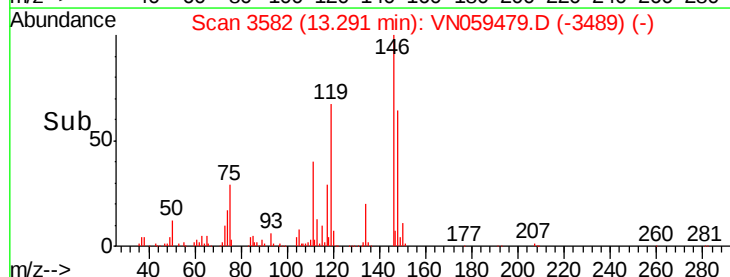
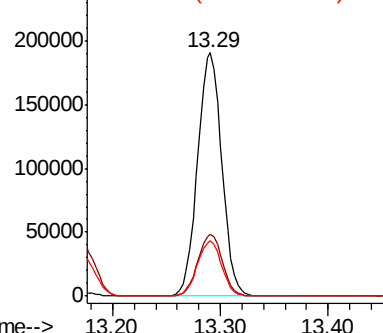
91 23.1 11.7 35.1

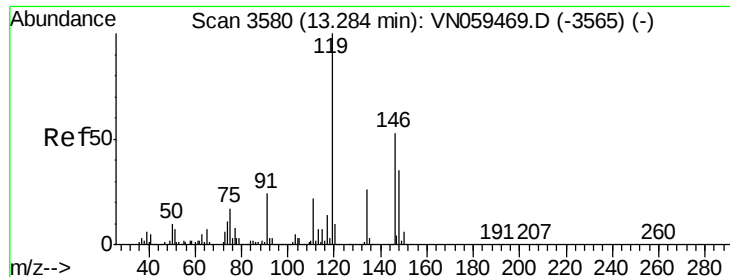


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.488 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

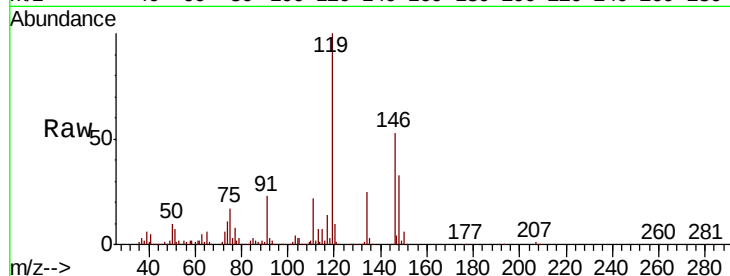
Tot Ion:146 Resp: 144586

Ion Ratio Lower Upper

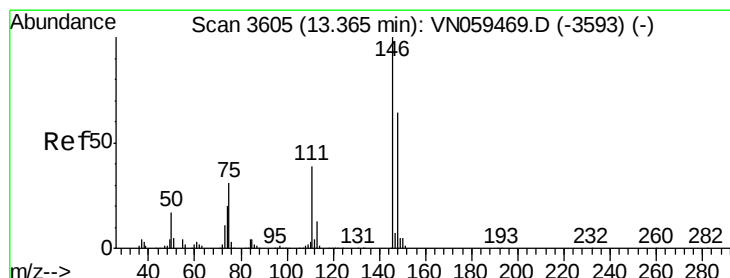
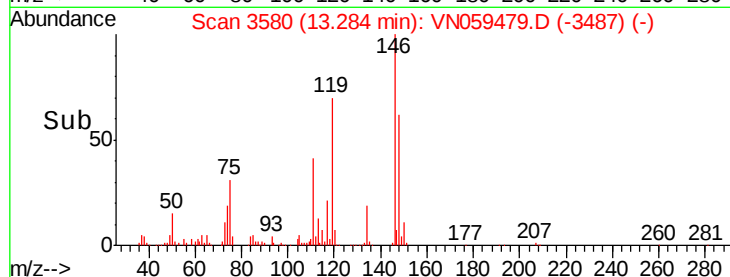
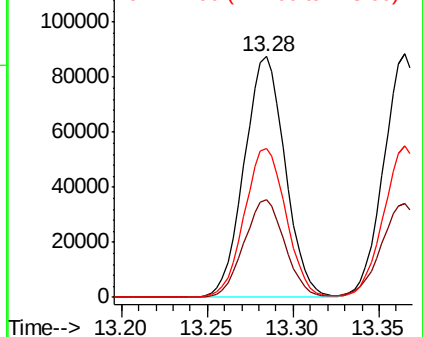
146 100

111 40.4 20.4 61.3

148 62.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.323 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

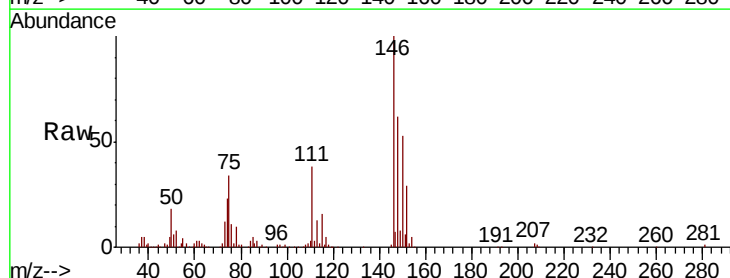
Tgt Ion:146 Resp: 144445

Ion Ratio Lower Upper

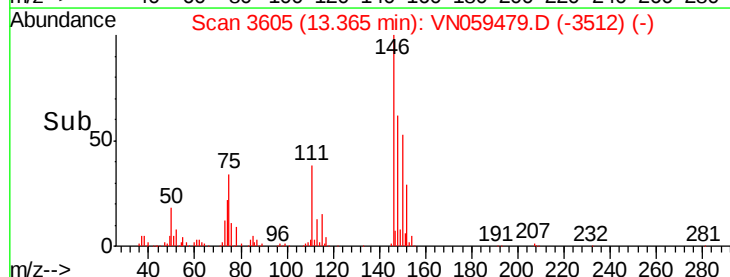
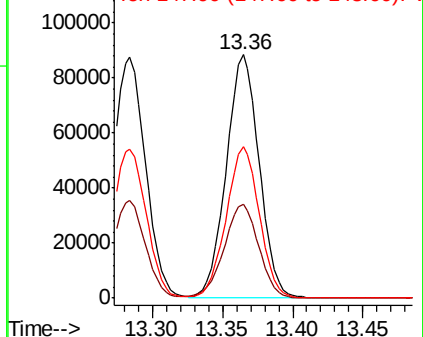
146 100

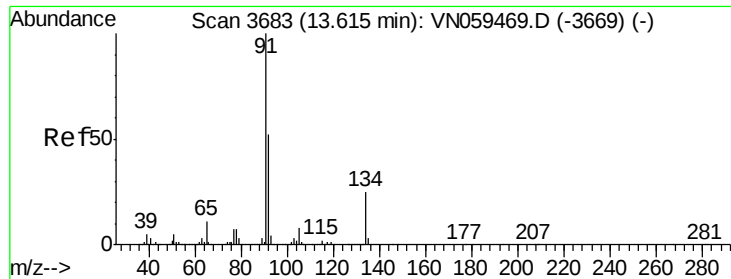
111 40.9 19.8 59.3

148 62.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

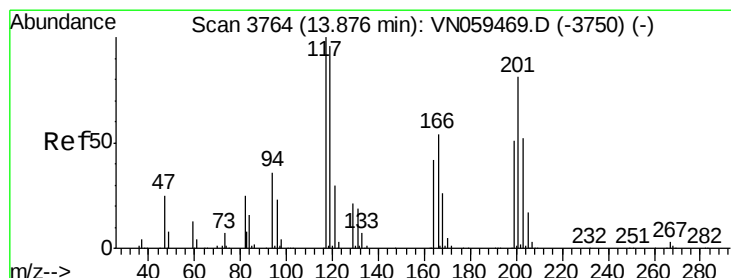
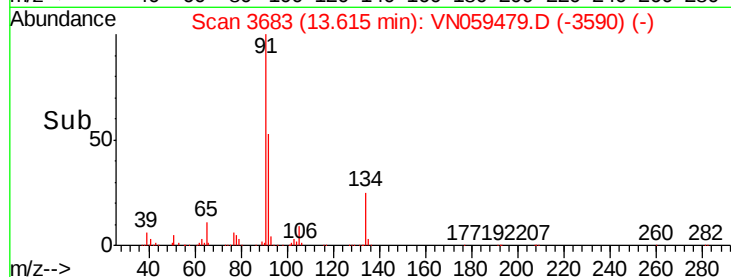
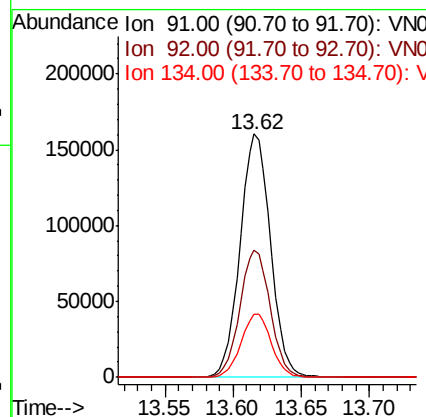
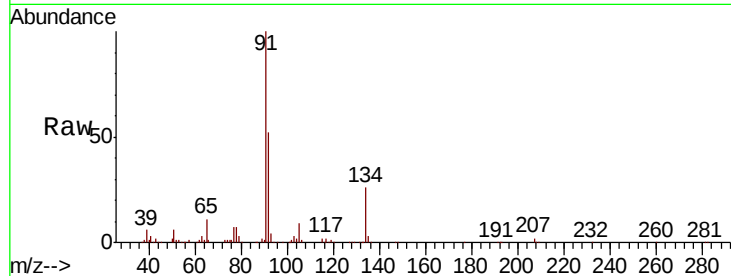




#89
n-Butylbenzene
Concen: 17.148 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

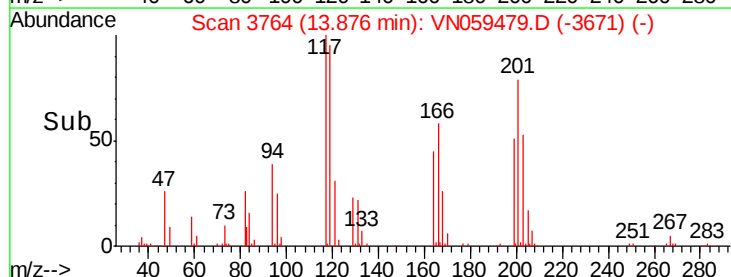
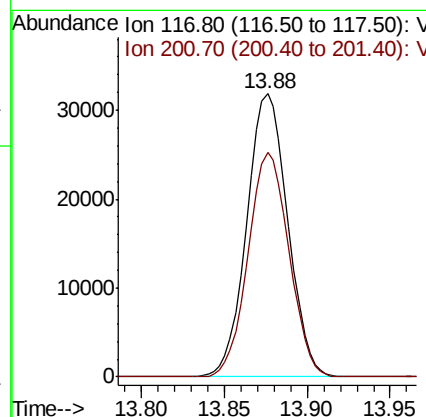
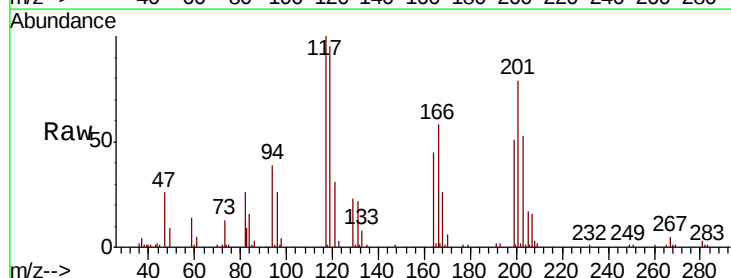
Instrument :
MSVOA_N
ClientSampleId :

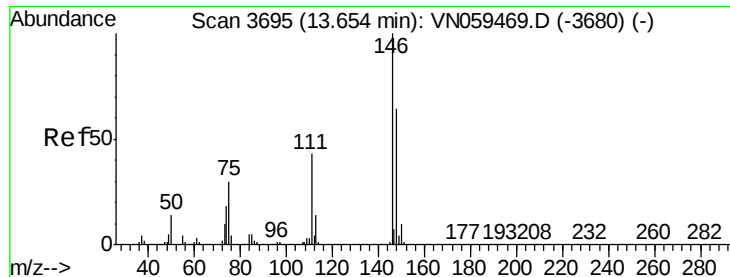
Tot Ion: 91 Resp: 248428
Ion Ratio Lower Upper
91 100
92 52.1 25.9 77.8
134 26.0 12.6 37.6



#90
Hexachloroethane
Concen: 17.555 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059479.D
Acq: 4 Dec 2019 11:34

Tgt Ion: 117 Resp: 54747
Ion Ratio Lower Upper
117 100
201 79.0 40.6 122.0

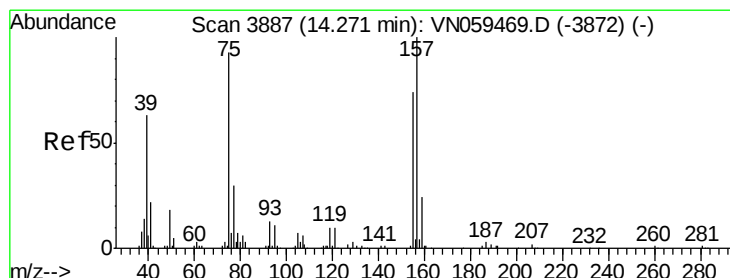
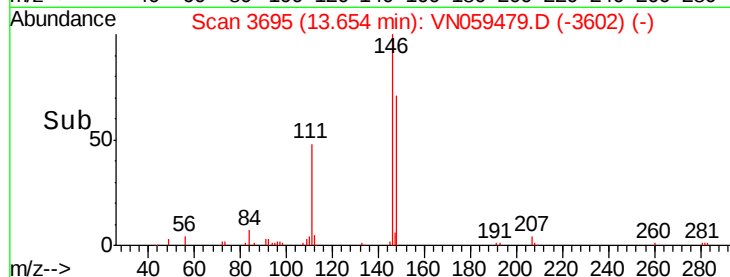
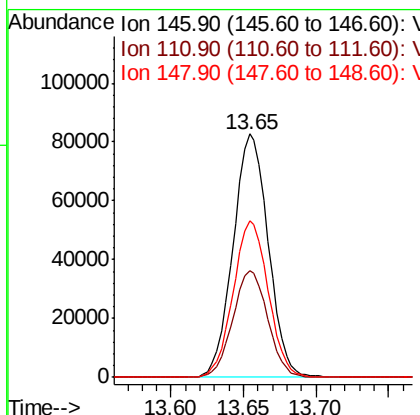
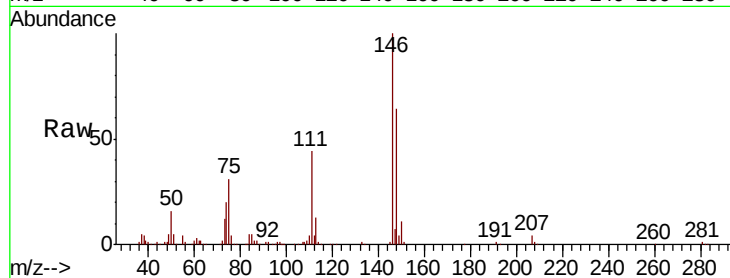




#91
 1,2-Dichlorobenzene
 Concen: 17.556 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

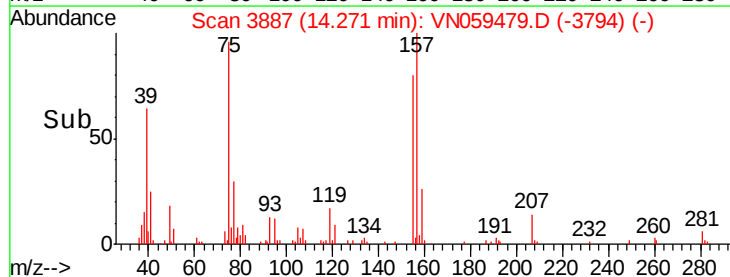
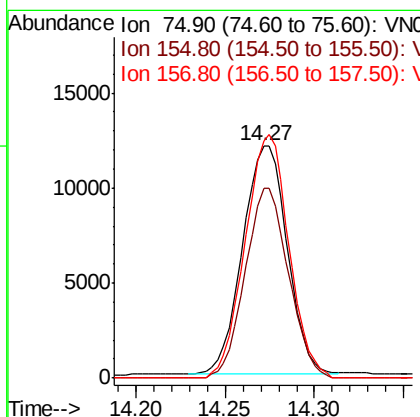
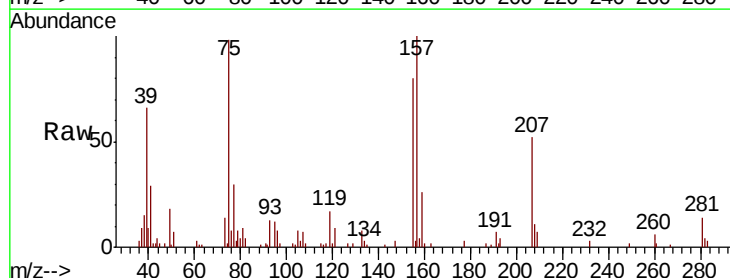
Instrument :
 MSVOA_N
 ClientSampled :

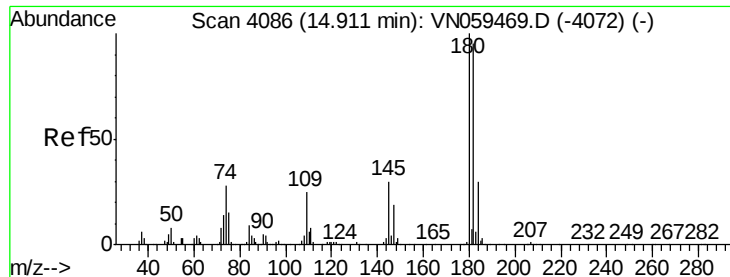
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.3	63.7
148	64.3	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.858 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	40.6	122.0
157	104.1	52.9	158.7

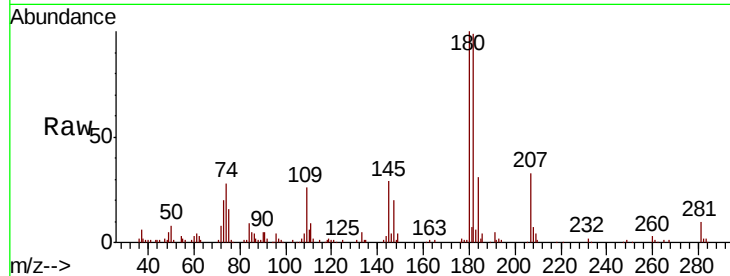




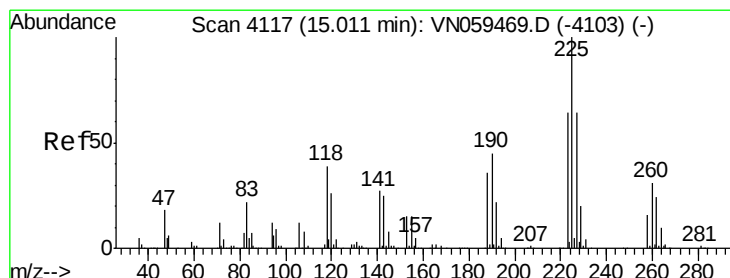
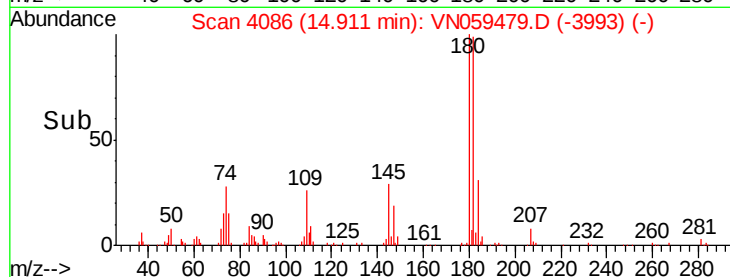
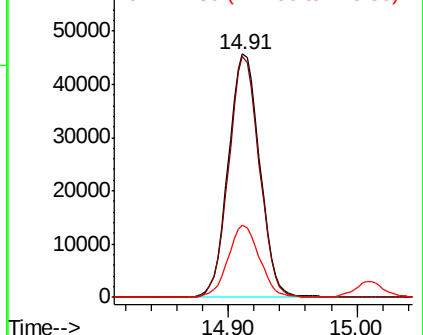
#93
 1,2,4-Trichlorobenzene
 Concen: 15.966 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 77253
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.2
 145 29.7 15.2 45.6

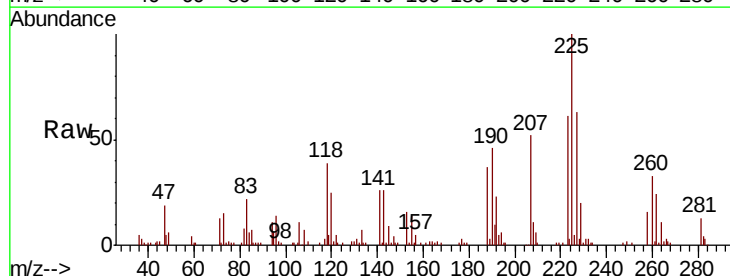


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

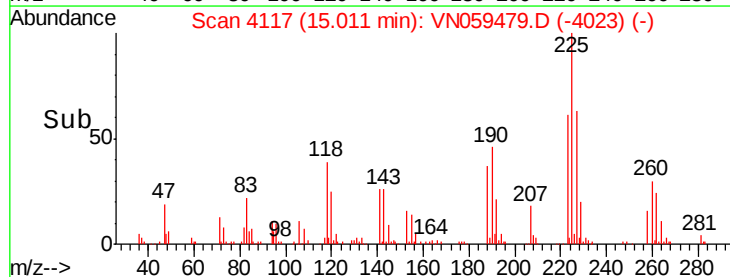
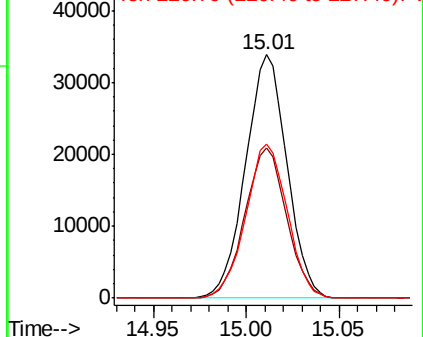


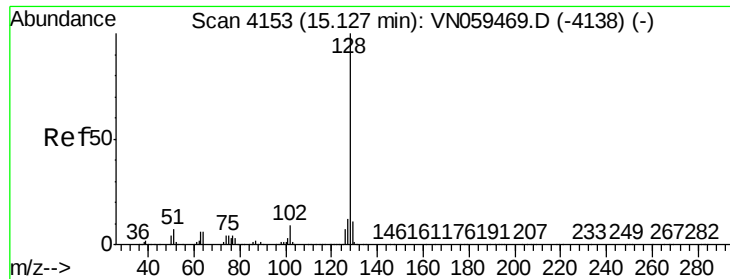
#94
 Hexachlorobutadiene
 Concen: 18.279 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059479.D
 Acq: 4 Dec 2019 11:34

Tgt Ion:225 Resp: 52441
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.9 95.5
 227 63.4 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.164 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

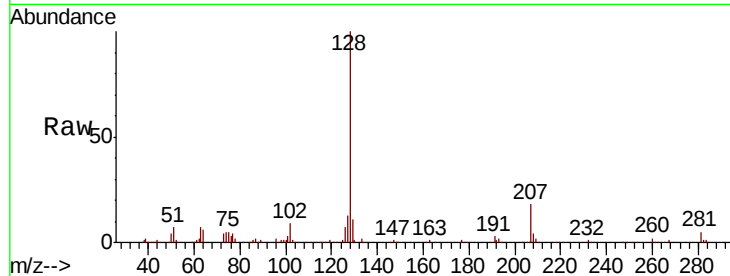
Tot Ion:128 Resp: 192456

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

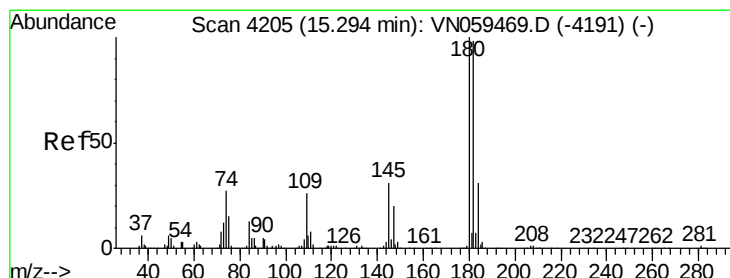
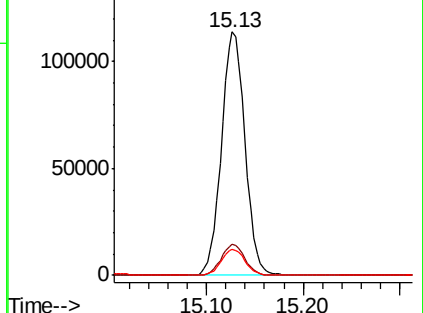
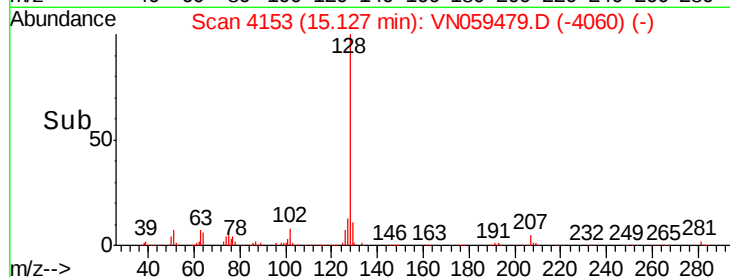
129 10.9 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 17.457 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059479.D

Acq: 4 Dec 2019 11:34

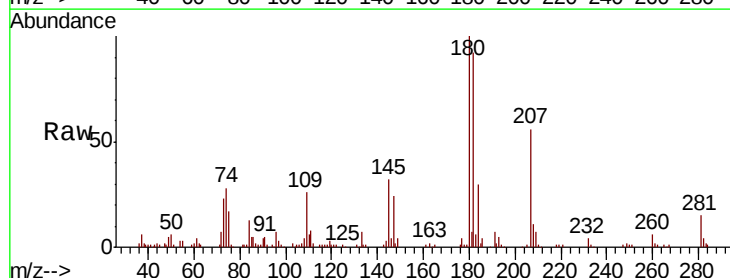
Tgt Ion:180 Resp: 78378

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.5

145 32.1 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

