

Data File : VN057806.D
Acq On : 9 Sep 2019 17:16
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Sep 10 02:35:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 02:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	324383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	529029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	34350	4.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.04%	
35) Dibromofluoromethane	7.57	113	25590	5.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.64%	
50) Toluene-d8	10.09	98	89890	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.40	95	38493	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	21754	4.314 ug/l	99
3) Chloromethane	2.04	50	25673	2.945 ug/l	99
4) Vinyl Chloride	2.16	62	26971	6.001 ug/l	94
5) Bromomethane	2.53	94	19038	8.667 ug/l	94
6) Chloroethane	2.67	64	16224	6.043 ug/l	90
7) Trichlorofluoromethane	2.99	101	31993	4.603 ug/l	98
8) Diethyl Ether	3.38	74	13633	4.922 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	20574	4.722 ug/l	99
10) Methyl Iodide	3.93	142	22282	5.085 ug/l	99
11) Tert butyl alcohol	4.77	59	20313	22.792 ug/l	99
12) 1,1-Dichloroethene	3.72	96	18771	4.815 ug/l	93
13) Acrolein	3.59	56	18328	38.154 ug/l	94
14) Allyl chloride	4.30	41	34738	3.988 ug/l	98
15) Acrylonitrile	4.97	53	54331	23.868 ug/l	99
16) Acetone	3.80	43	48102	20.046 ug/l	99
17) Carbon Disulfide	4.03	76	38758	4.590 ug/l	100
18) Methyl Acetate	4.30	43	28090	4.324 ug/l	100
19) Methyl tert-butyl Ether	5.02	73	70652	4.286 ug/l	98
20) Methylene Chloride	4.53	84	25383	4.956 ug/l	93
21) trans-1,2-Dichloroethene	5.02	96	21336	5.199 ug/l	92
22) Diisopropyl ether	5.93	45	78799	4.167 ug/l	93
23) Vinyl Acetate	5.88	43	290996	19.444 ug/l	99
24) 1,1-Dichloroethane	5.82	63	44298	4.548 ug/l	98
25) 2-Butanone	6.82	43	73779	21.536 ug/l	99
26) 2,2-Dichloropropane	6.81	77	33191	4.128 ug/l	77
27) cis-1,2-Dichloroethene	6.81	96	26609	5.075 ug/l	97
28) Bromochloromethane	7.18	49	21538	4.180 ug/l	99
29) Tetrahydrofuran	7.20	42	46402	21.165 ug/l	99
30) Chloroform	7.36	83	46107	4.537 ug/l	99
31) Cyclohexane	7.64	56	44503	5.286 ug/l	# 89
32) 1,1,1-Trichloroethane	7.56	97	35606	4.248 ug/l	98
36) 1,1-Dichloropropene	7.78	75	32365	4.726 ug/l	98
37) Ethyl Acetate	6.92	43	30862	4.543 ug/l	# 79
38) Carbon Tetrachloride	7.75	117	27583	4.244 ug/l	96

Data File : VN057806.D
Acq On : 9 Sep 2019 17:16
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Sep 10 02:35:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 02:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	36072	5.012	ug/l	98
40) Benzene	8.03	78	97743	4.993	ug/l	96
41) Methacrylonitrile	7.20	41	47213	14.190	ug/l #	28
42) 1,2-Dichloroethane	8.11	62	37929	4.226	ug/l	100
43) Isopropyl Acetate	8.16	43	50030	3.857	ug/l #	89
44) Trichloroethene	8.83	130	24014	5.425	ug/l	96
45) 1,2-Dichloropropane	9.11	63	27341	4.974	ug/l	96
46) Dibromomethane	9.20	93	16586	4.748	ug/l	99
47) Bromodichloromethane	9.40	83	29376	3.960	ug/l	96
48) Methyl methacrylate	9.19	41	24701	3.705	ug/l	98
49) 1,4-Dioxane	9.20	88	9521	117.245	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	157893	21.635	ug/l	99
52) Toluene	10.15	92	59543	4.982	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	29100	3.888	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	34312	4.229	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	24646	5.054	ug/l	99
56) Ethyl methacrylate	10.43	69	33958	4.399	ug/l	97
57) 1,3-Dichloropropane	10.71	76	41814	4.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	88298	22.518	ug/l	97
59) 2-Hexanone	10.75	43	110944	21.375	ug/l	99
60) Dibromochloromethane	10.90	129	18267	3.888	ug/l	97
61) 1,2-Dibromoethane	11.00	107	22139	4.766	ug/l	99
64) Tetrachloroethene	10.63	164	19397	5.167	ug/l	93
65) Chlorobenzene	11.43	112	63650	4.985	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	19939	4.487	ug/l	98
67) Ethyl Benzene	11.51	91	116578	4.813	ug/l	99
68) m/p-Xylenes	11.62	106	81891	9.720	ug/l	98
69) o-Xylene	11.95	106	40399	4.821	ug/l	96
70) Styrene	11.97	104	67619	4.650	ug/l	99
71) Bromoform	12.13	173	10854	3.793	ug/l #	97
73) Isopropylbenzene	12.25	105	111029	4.840	ug/l	100
74) N-amyl acetate	12.07	43	40580	3.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	34825	4.979	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	40697	6.745	ug/l #	100
77) Bromobenzene	12.53	156	26616	5.282	ug/l	93
78) n-propylbenzene	12.59	91	126171	4.654	ug/l	100
79) 2-Chlorotoluene	12.68	91	76875	4.648	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	90029	4.612	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	6273	3.252	ug/l #	72
82) 4-Chlorotoluene	12.78	91	78926	4.622	ug/l	98
83) tert-Butylbenzene	13.00	119	80108	4.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	88115	4.552	ug/l	100
85) sec-Butylbenzene	13.17	105	105893	4.652	ug/l	98
86) p-Isopropyltoluene	13.29	119	92873	4.781	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	47485	4.992	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	47282	4.970	ug/l	93
89) n-Butylbenzene	13.62	91	85766	4.504	ug/l	99
90) Hexachloroethane	13.88	117	11216	3.739	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	47008	5.026	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5040	3.761	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091019\
Quantitation Report (Not Reviewed)

Data File : VN057806.D
Acq On : 9 Sep 2019 17:16
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 10 02:35:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 02:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	30706	5.497	ug/l	99
94) Hexachlorobutadiene	15.01	225	13444	5.023	ug/l	97
95) Naphthalene	15.13	128	89347	5.507	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	29396	5.506	ug/l	96

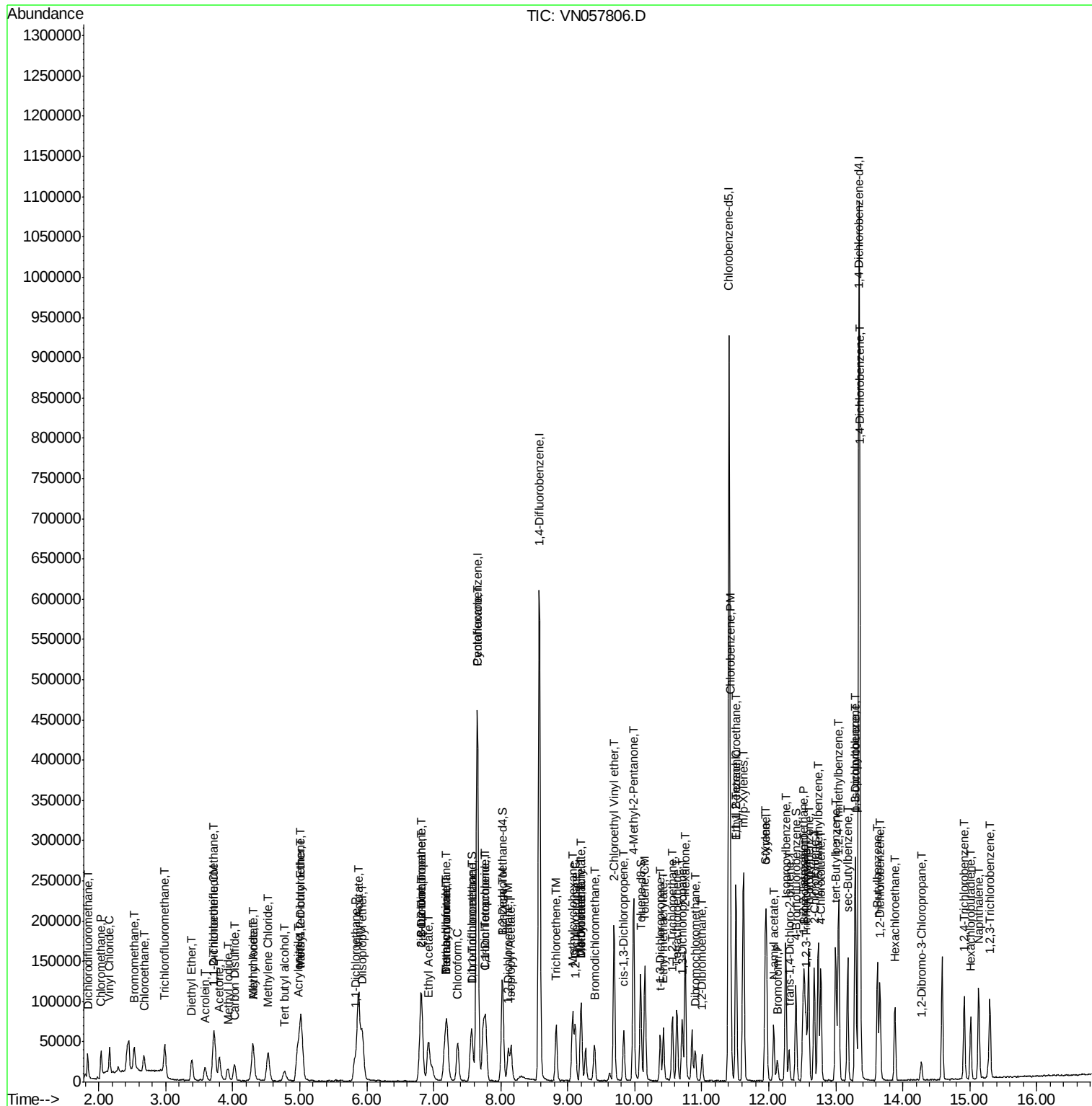
(#) = qualifier out of range (m) = manual integration (+) = signals summed

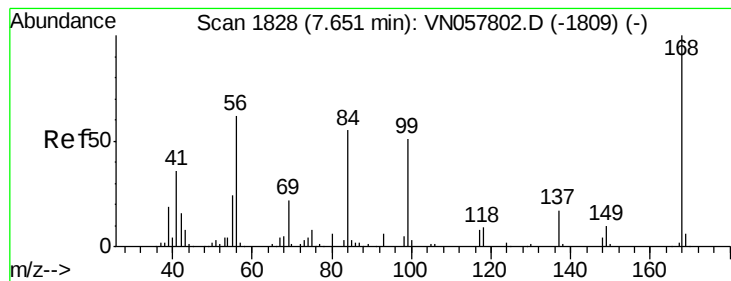
Data File : VN057806.D

```
Acq On       : 9 Sep 2019 17:16
Operator     : JC/SP
Sample       : VSTDIC005
Misc         : 5.00mL/MSV0A_N/WATER
ALS Vial     : 9      Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Sep 10 02:35:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 02:26:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

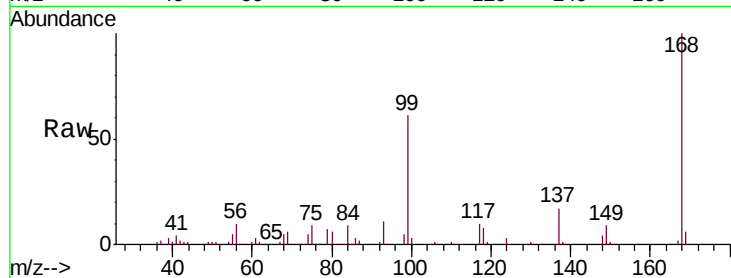
VSTDIC005

Tgt Ion:168 Resp: 324383

Ion Ratio Lower Upper

168 100

99 60.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

150000

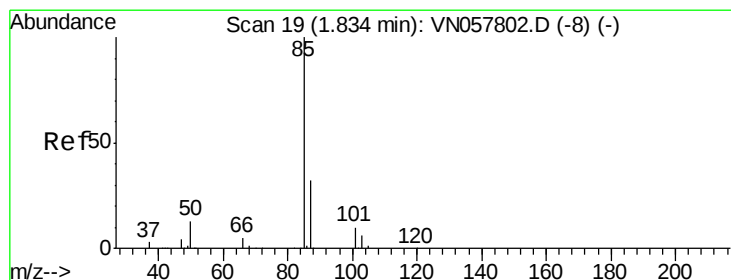
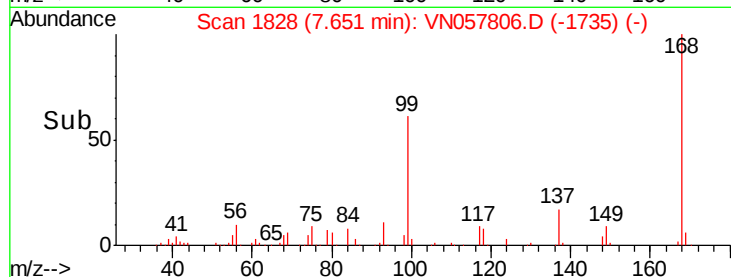
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 4.314 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057806.D

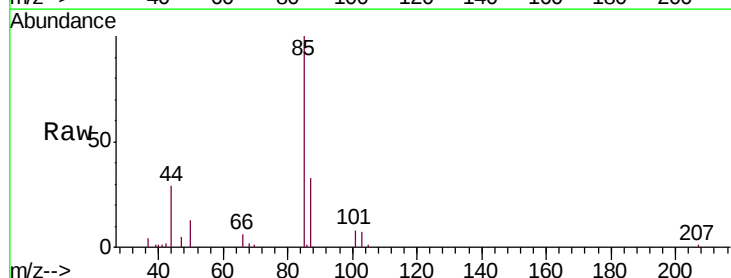
Acq: 9 Sep 2019 17:16

Tgt Ion: 85 Resp: 21754

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN057802.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN057802.D (-8) (-)

1.83

15000

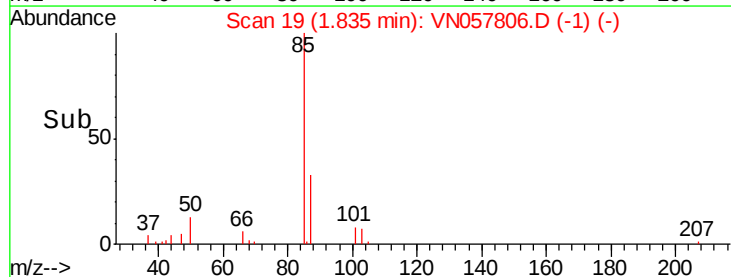
10000

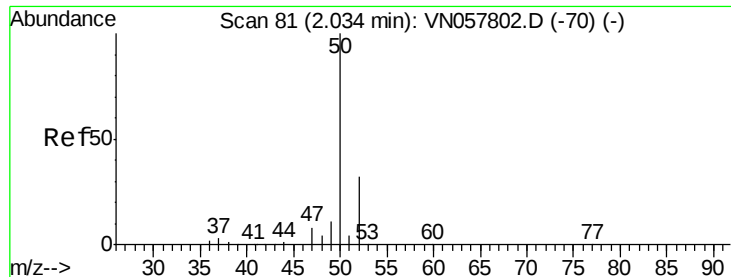
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 2.945 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

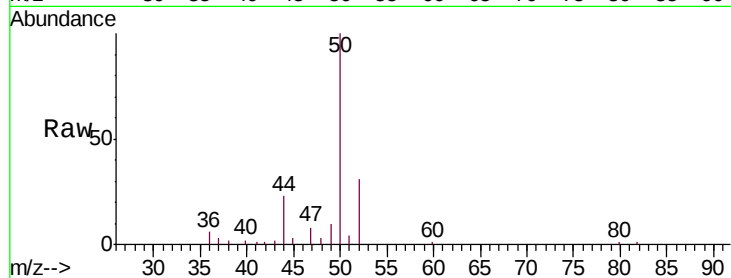
VSTDIC005

Tgt Ion: 50 Resp: 25673

Ion Ratio Lower Upper

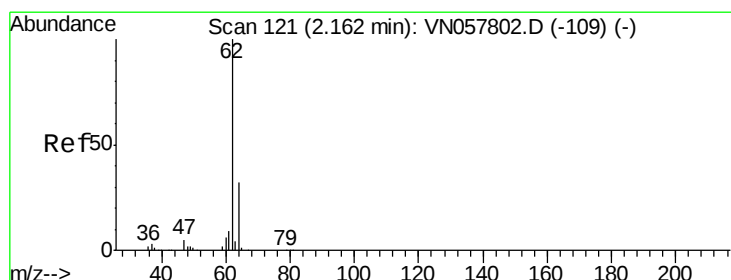
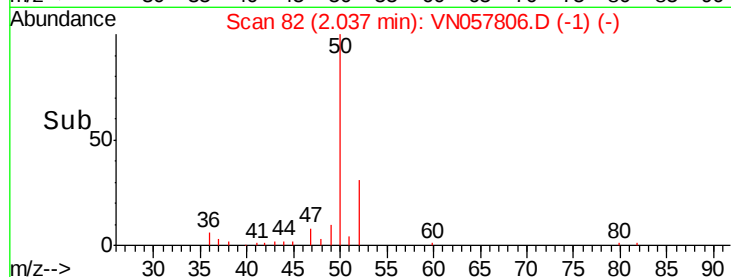
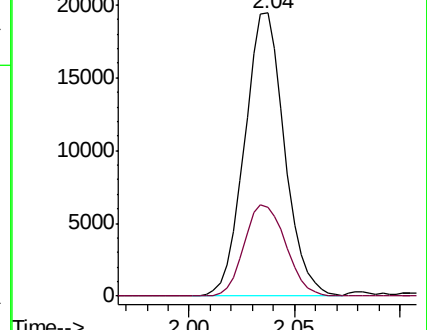
50 100

52 31.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN057806.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057806.D (-1) (-)



#4

Vinyl Chloride

Concen: 6.001 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057806.D

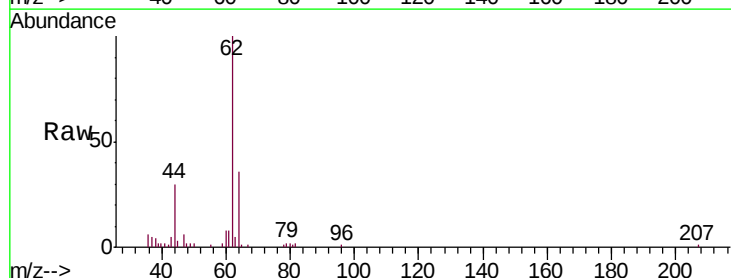
Acq: 9 Sep 2019 17:16

Tgt Ion: 62 Resp: 26971

Ion Ratio Lower Upper

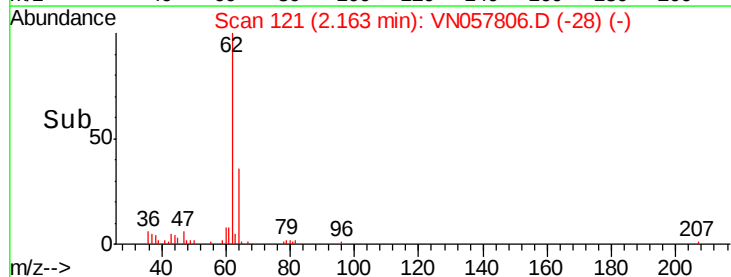
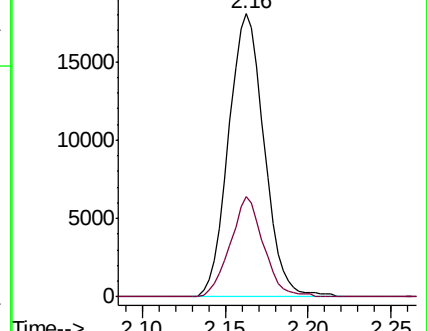
62 100

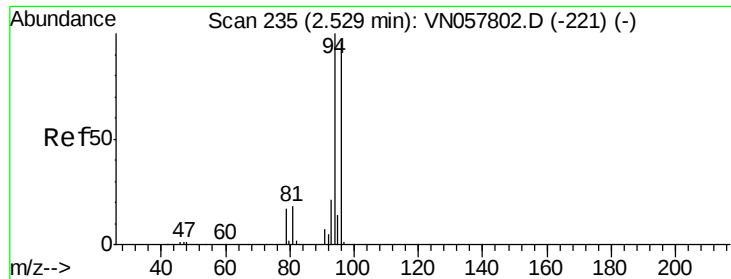
64 35.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN057806.D (-28) (-)

Ion 63.90 (63.60 to 64.60): VN057806.D (-28) (-)





#5

Bromomethane

Concen: 8.667 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampled :

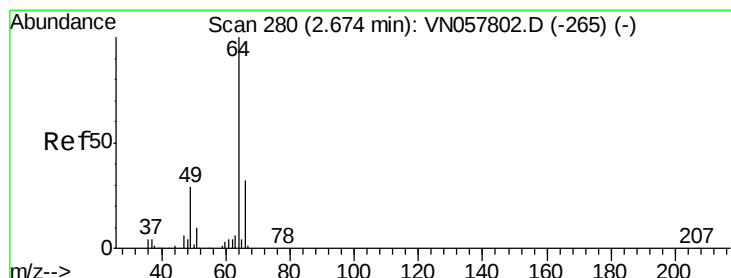
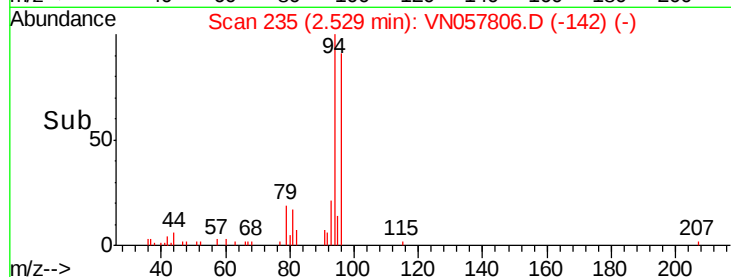
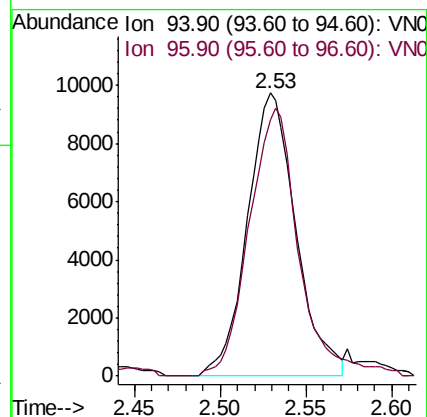
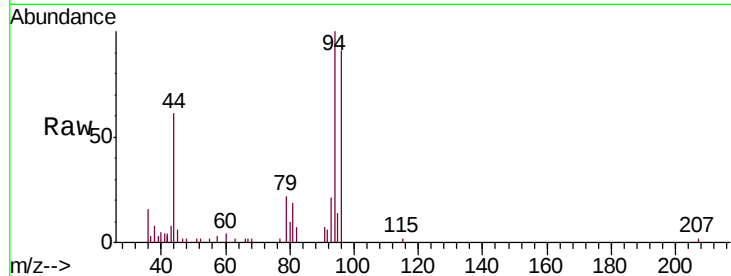
VSTDIC005

Tgt Ion: 94 Resp: 19038

Ion Ratio Lower Upper

94 100

96 90.8 77.0 115.4



#6

Chloroethane

Concen: 6.043 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN057806.D

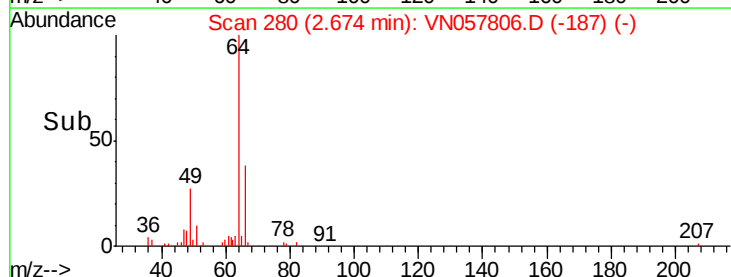
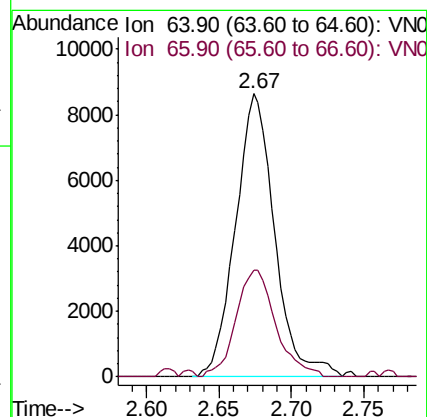
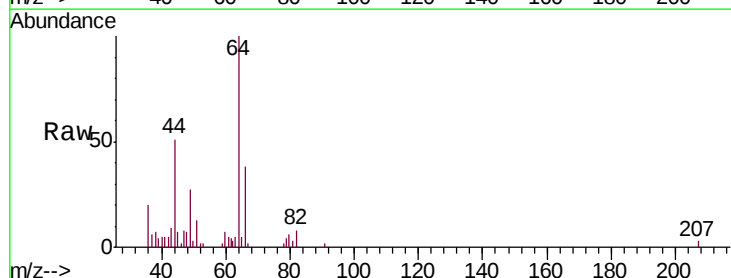
Acq: 9 Sep 2019 17:16

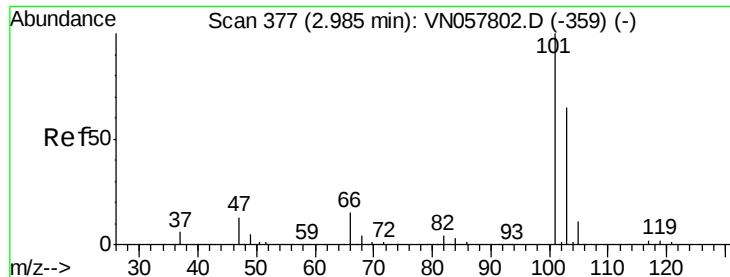
Tgt Ion: 64 Resp: 16224

Ion Ratio Lower Upper

64 100

66 37.5 25.5 38.3



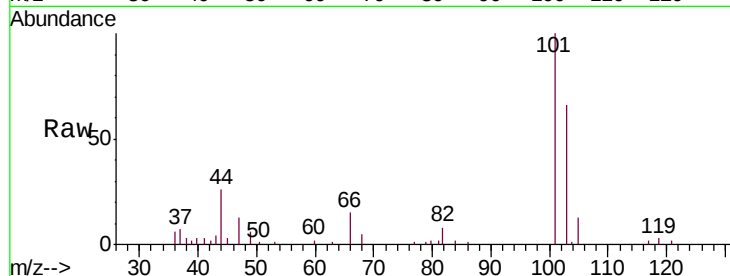


#7

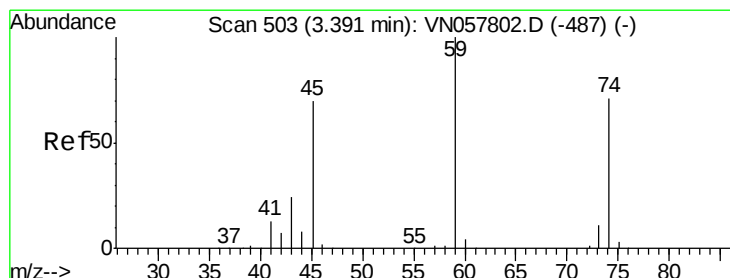
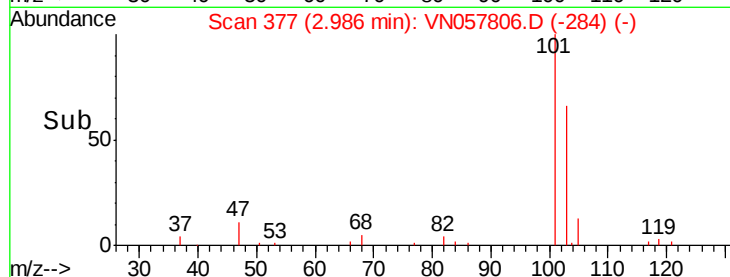
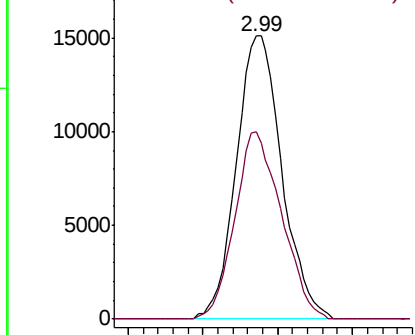
Trichlorofluoromethane
 Concen: 4.603 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 31993
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.9 77.9



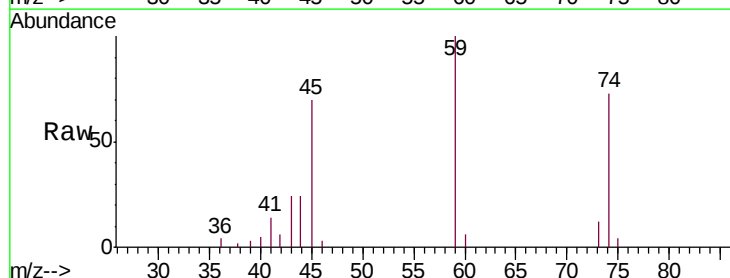
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



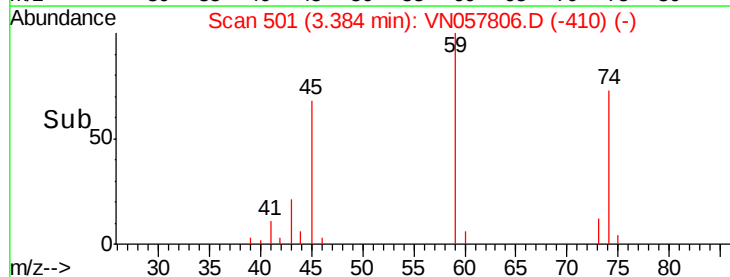
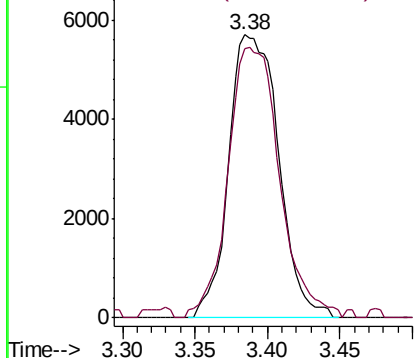
#8

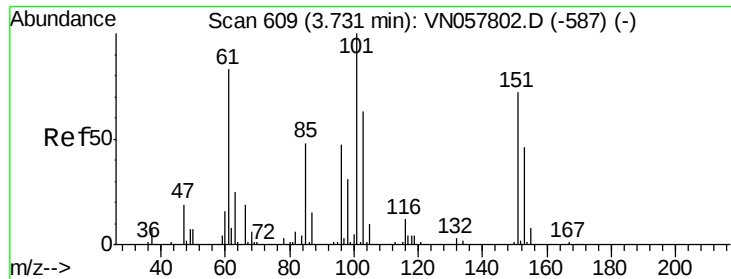
Diethyl Ether
 Concen: 4.922 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion: 74 Resp: 13633
 Ion Ratio Lower Upper
 74 100
 45 98.9 50.3 151.0



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.722 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

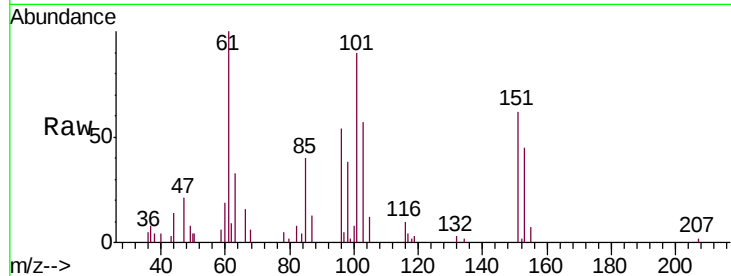
Tgt Ion:101 Resp: 20574

Ion Ratio Lower Upper

101 100

85 47.6 38.1 57.1

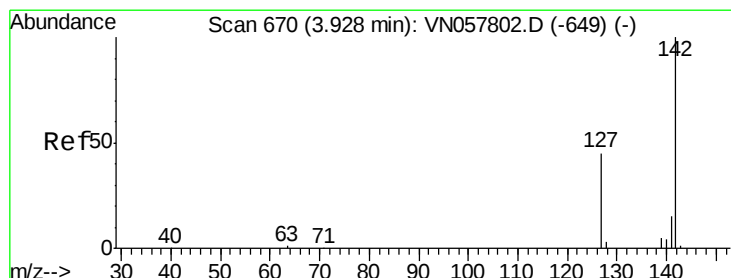
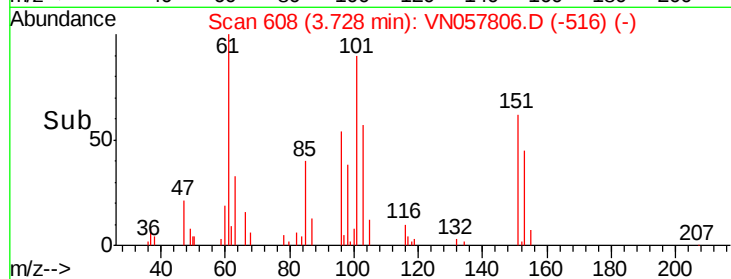
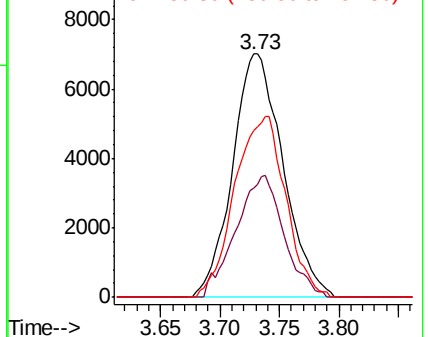
151 75.1 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.085 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

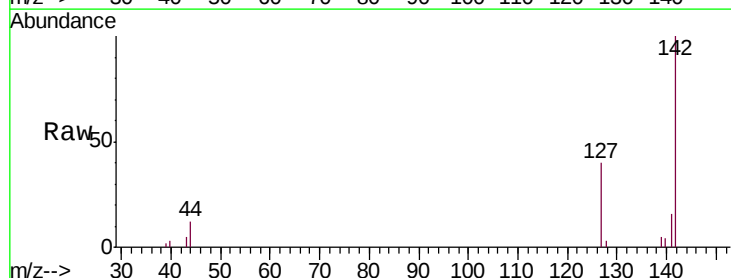
Tgt Ion:142 Resp: 22282

Ion Ratio Lower Upper

142 100

127 46.1 36.7 55.1

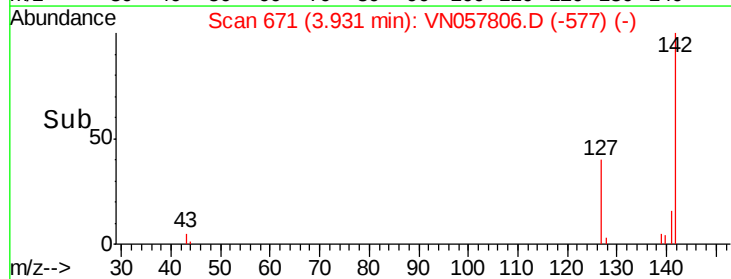
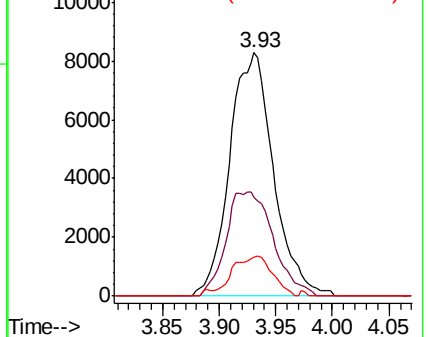
141 15.6 11.4 17.0

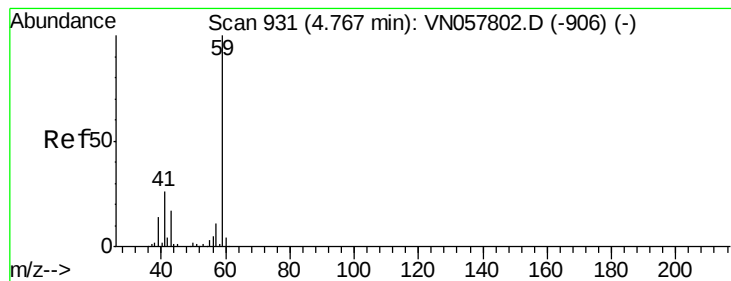


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



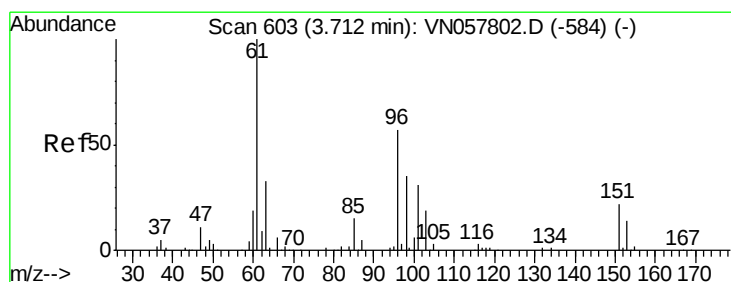
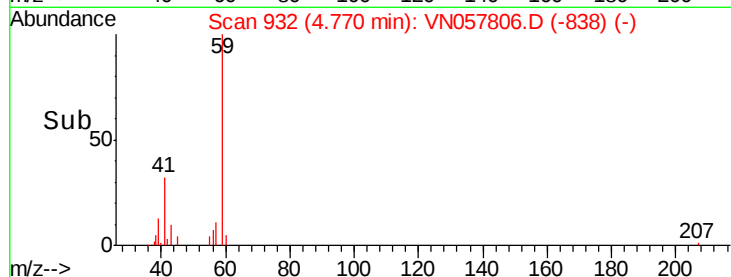
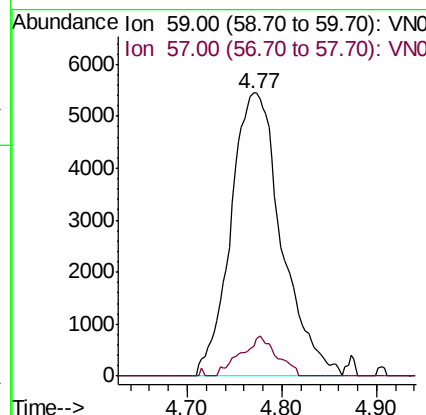
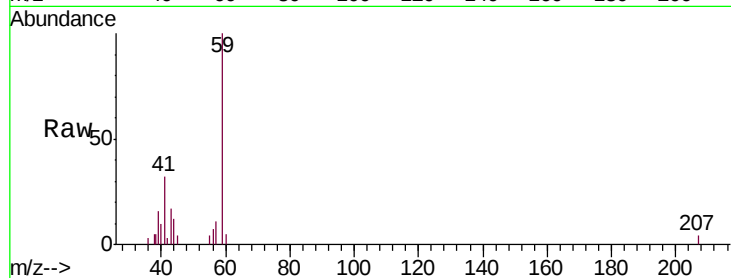


#11

Tert butyl alcohol
Concen: 22.792 ug/l
RT: 4.77 min Scan# 932
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

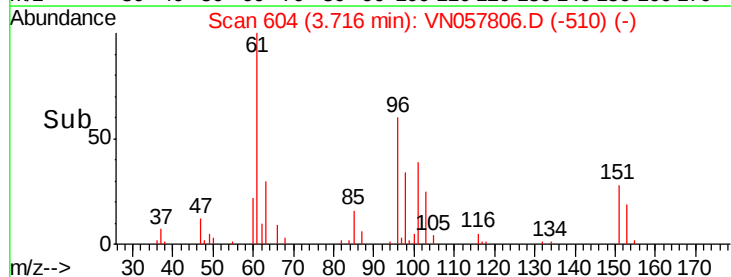
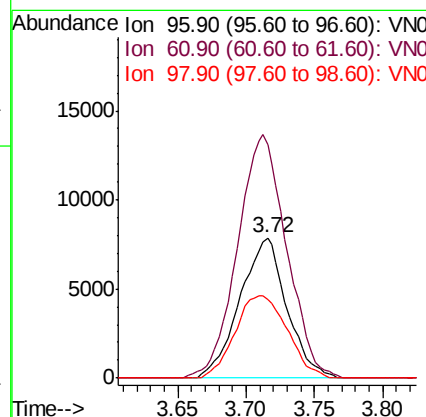
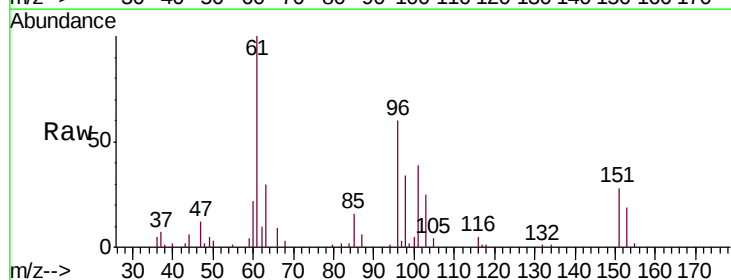
Tgt Ion: 59 Resp: 20313
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

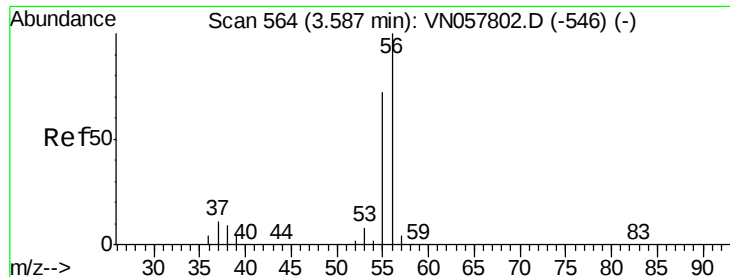


#12

1,1-Dichloroethene
Concen: 4.815 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 96 Resp: 18771
Ion Ratio Lower Upper
96 100
61 166.8 141.2 211.8
98 56.2 49.9 74.9





#13

Acrolein

Concen: 38.154 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

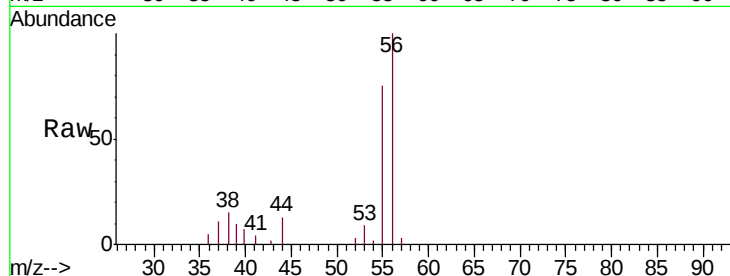
VSTDIC005

Tgt Ion: 56 Resp: 18328

Ion Ratio Lower Upper

56 100

55 76.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN057802.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN057802.D (-546) (-)

3.59

8000

6000

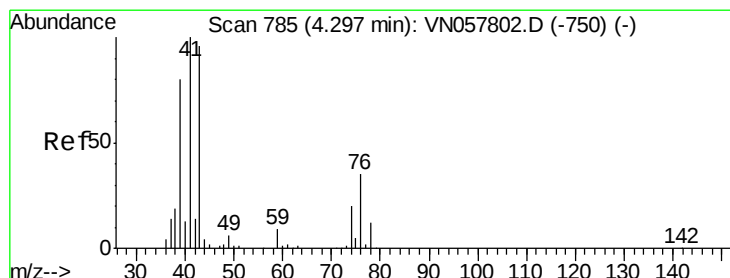
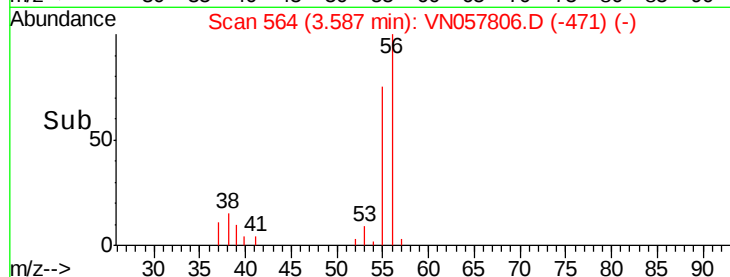
4000

2000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 3.988 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

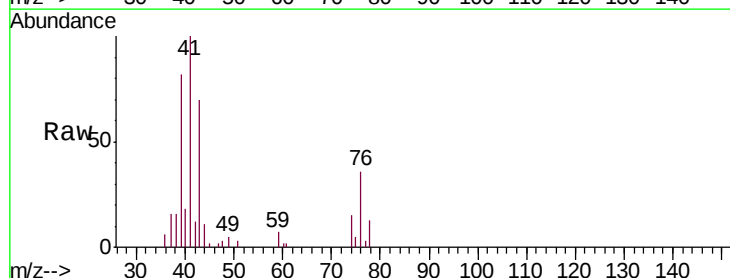
Tgt Ion: 41 Resp: 34738

Ion Ratio Lower Upper

41 100

39 75.8 59.4 89.2

76 32.0 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN057802.D (-750) (-)

15000

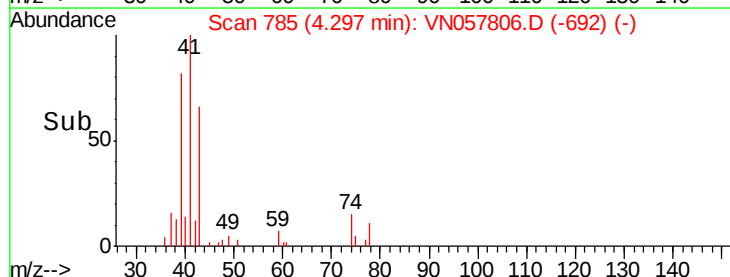
10000

5000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 23.868 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

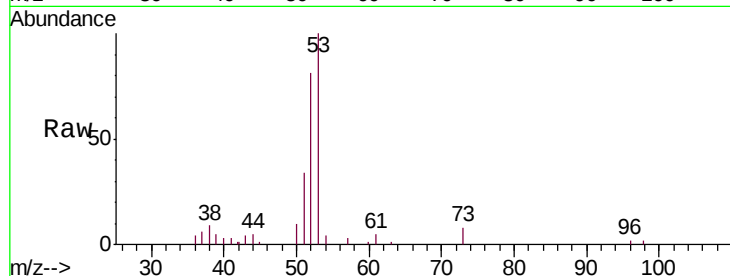
Tgt Ion: 53 Resp: 54331

Ion Ratio Lower Upper

53 100

52 83.7 66.6 100.0

51 36.4 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN057802.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN057802.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN057802.D (-969) (-)

4.97

15000

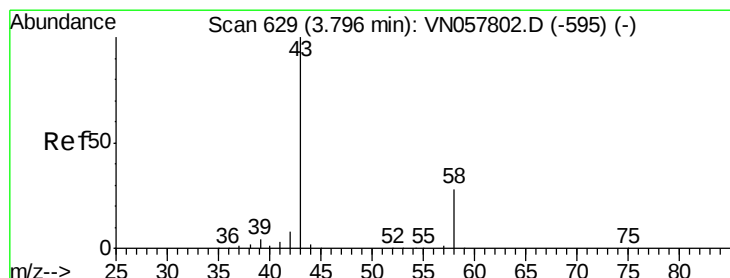
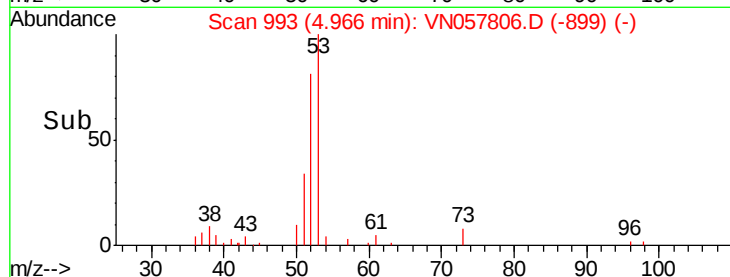
10000

5000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 20.046 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057806.D

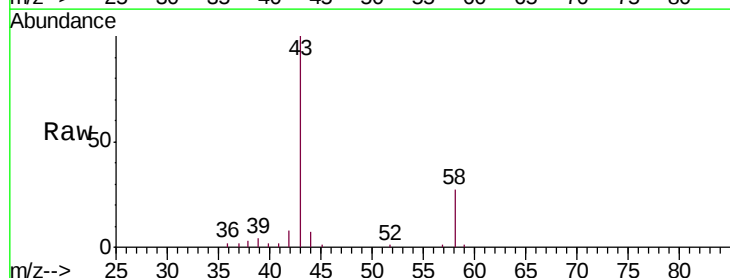
Acq: 9 Sep 2019 17:16

Tgt Ion: 43 Resp: 48102

Ion Ratio Lower Upper

43 100

58 27.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

3.80

20000

15000

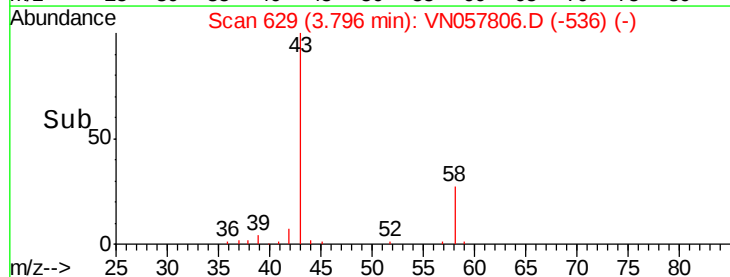
10000

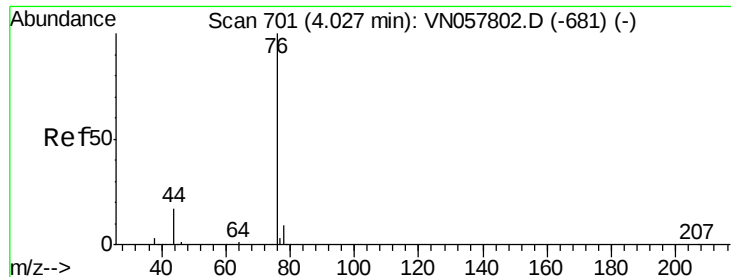
5000

0

Time-->

3.70 3.75 3.80 3.85 3.90

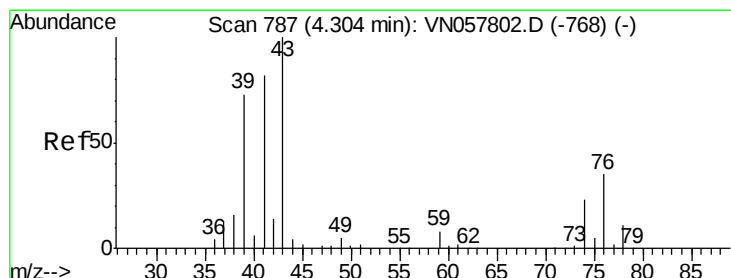
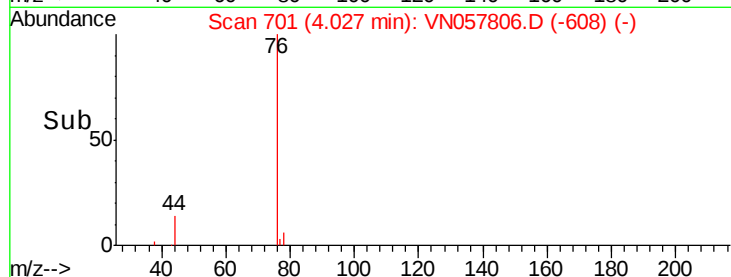
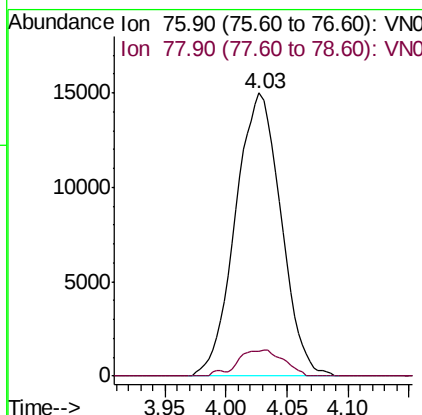
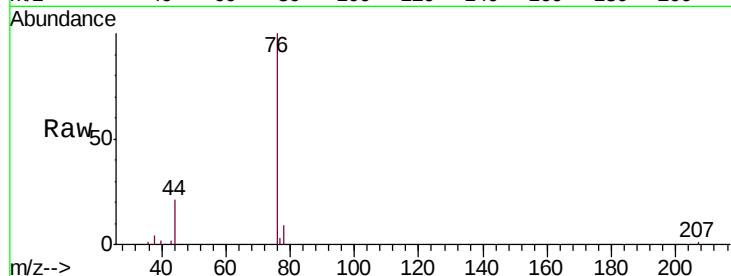




#17
Carbon Disulfide
Concen: 4.590 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

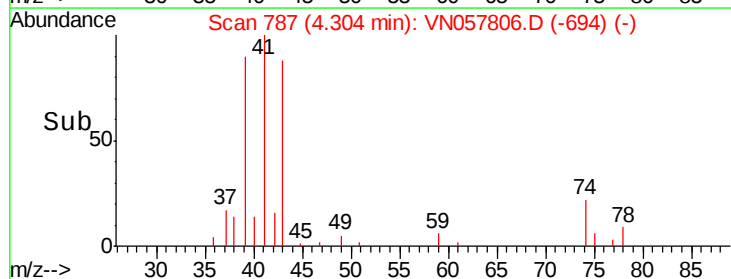
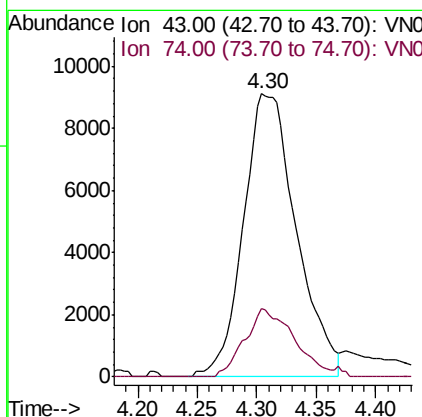
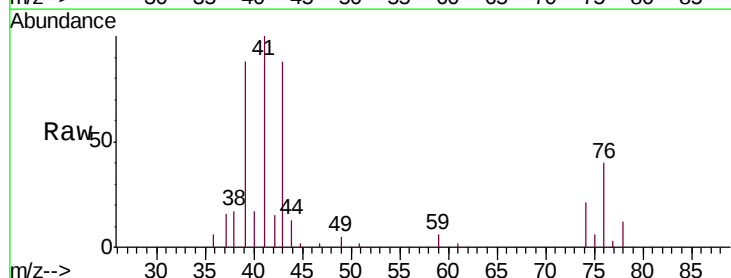
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

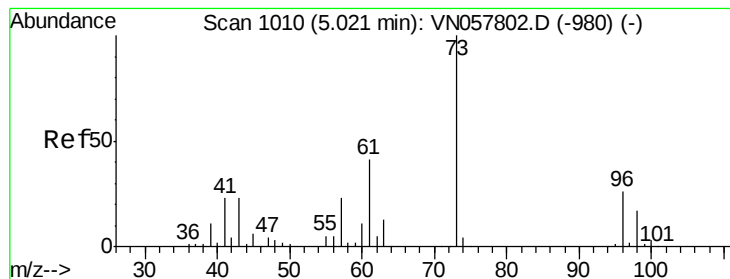
Tgt Ion: 76 Resp: 38758
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 4.324 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 43 Resp: 28090
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 4.286 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

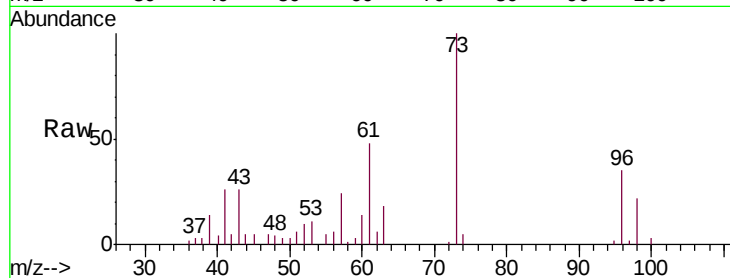
VSTDIC005

Tgt Ion: 73 Resp: 70652

Ion Ratio Lower Upper

73 100

57 23.7 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VN057802.D (-980) (-)

Ion 57.00 (56.70 to 57.70): VN057802.D (-980) (-)

5.02

20000

15000

10000

5000

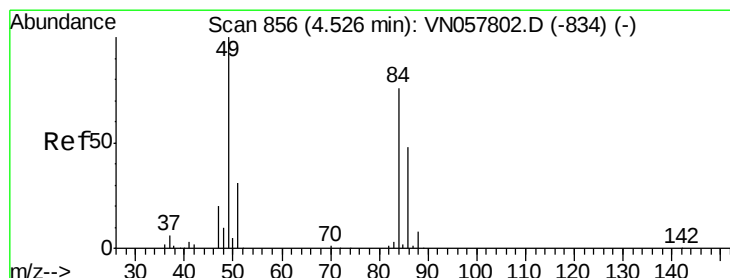
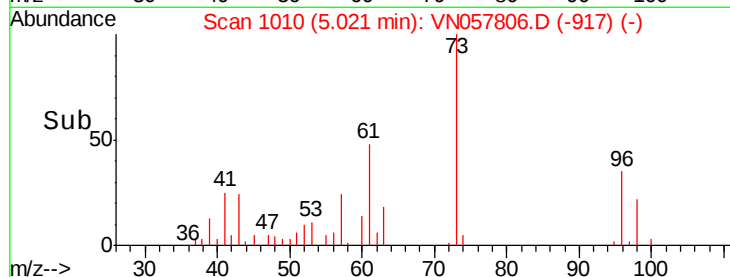
0

Time-->

4.90

5.00

5.10



#20

Methylene Chloride

Concen: 4.956 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Tgt Ion: 84 Resp: 25383

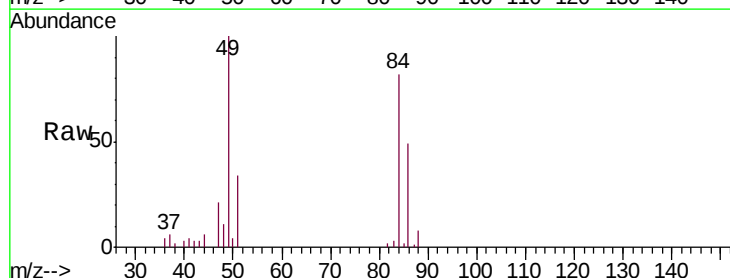
Ion Ratio Lower Upper

84 100

49 119.6 104.8 157.2

51 41.7 33.0 49.4

86 59.3 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VN057802.D (-834) (-)

Ion 48.90 (48.60 to 49.60): VN057802.D (-834) (-)

Ion 50.90 (50.60 to 51.60): VN057802.D (-834) (-)

Ion 85.90 (85.60 to 86.60): VN057802.D (-834) (-)

15000

10000

5000

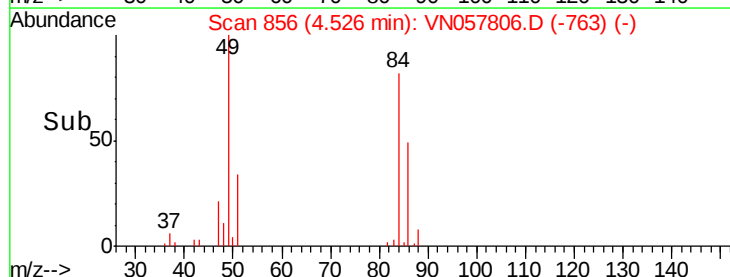
0

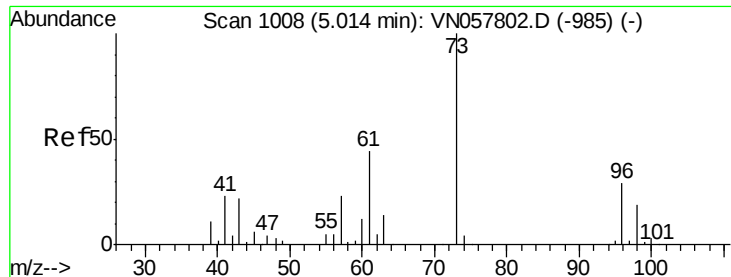
Time-->

4.50

4.53

4.60





#21

trans-1,2-Dichloroethene

Concen: 5.199 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

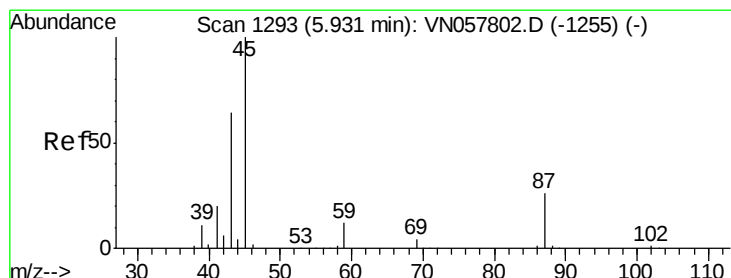
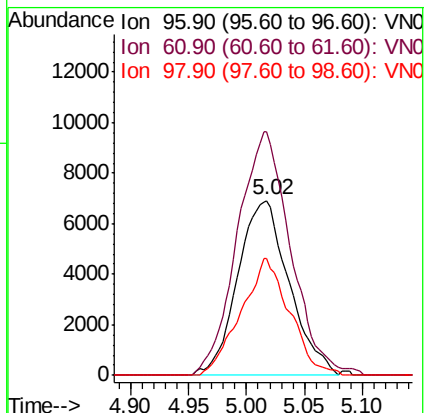
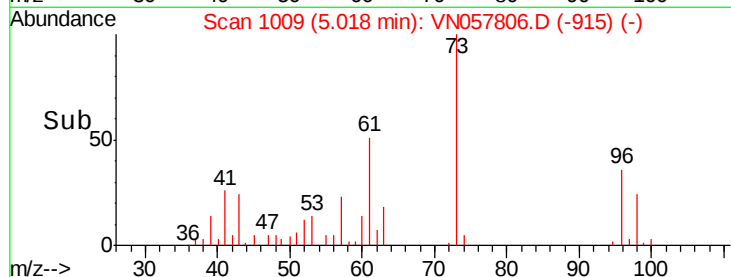
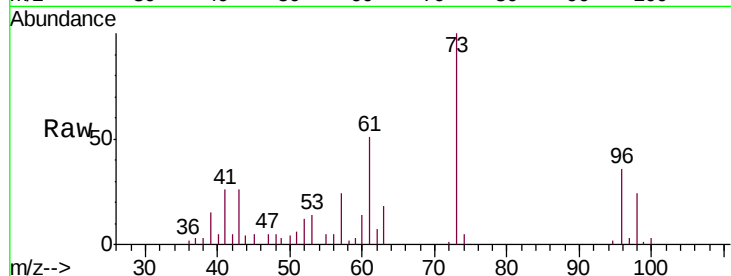
Tgt Ion: 96 Resp: 21336

Ion Ratio Lower Upper

96 100

61 139.1 121.9 182.9

98 66.4 52.2 78.4



#22

Diisopropyl ether

Concen: 4.167 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Tgt Ion: 45 Resp: 78799

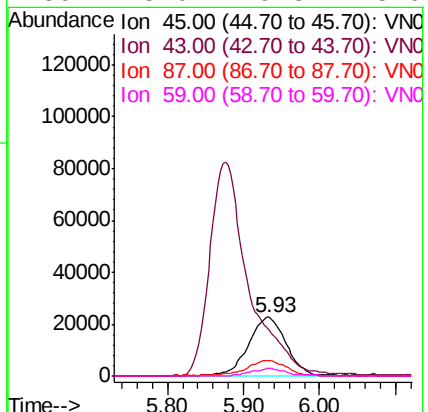
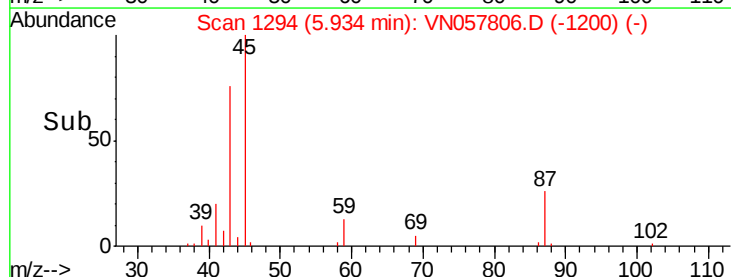
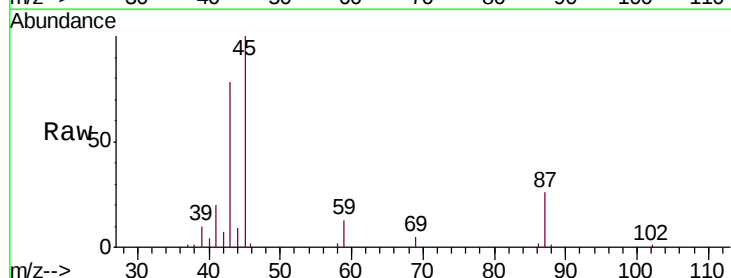
Ion Ratio Lower Upper

45 100

43 72.8 51.4 77.2

87 26.2 21.3 31.9

59 13.0 9.3 13.9

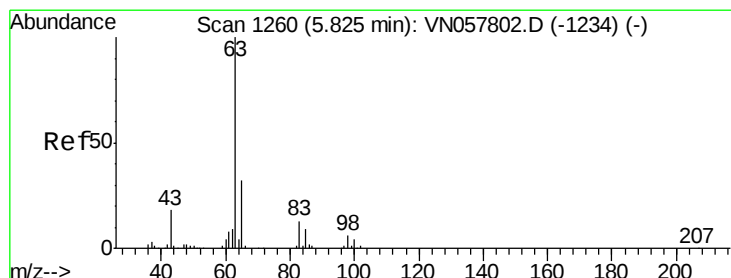
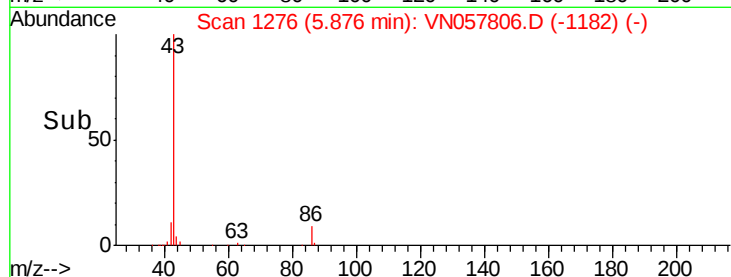
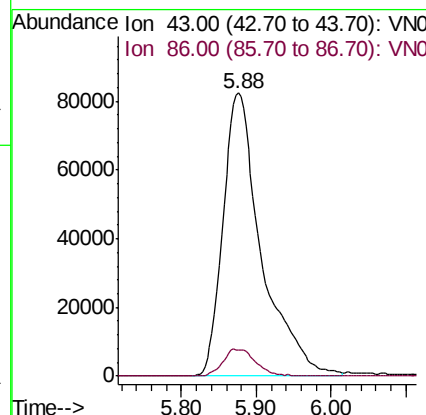
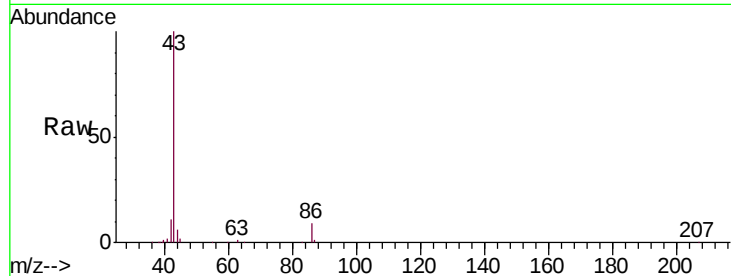




#23
 Vinyl Acetate
 Concen: 19.444 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

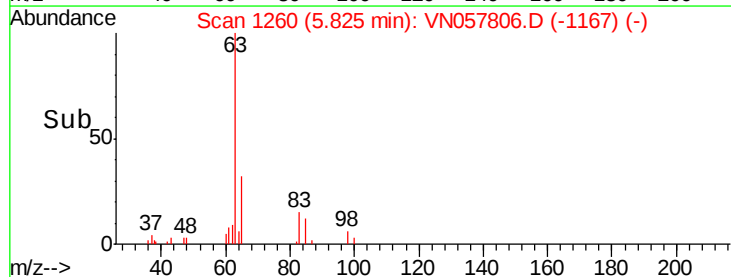
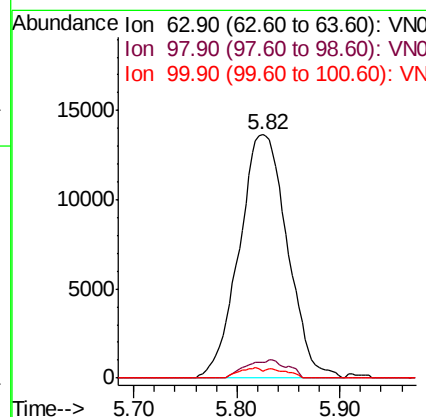
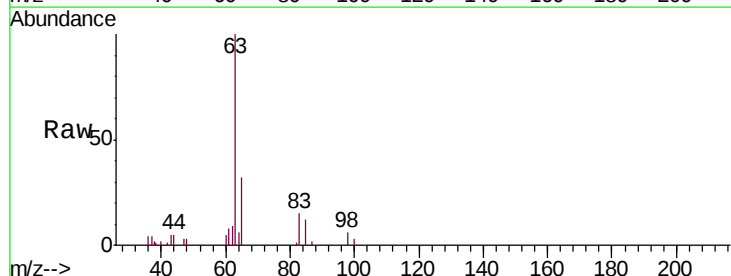
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

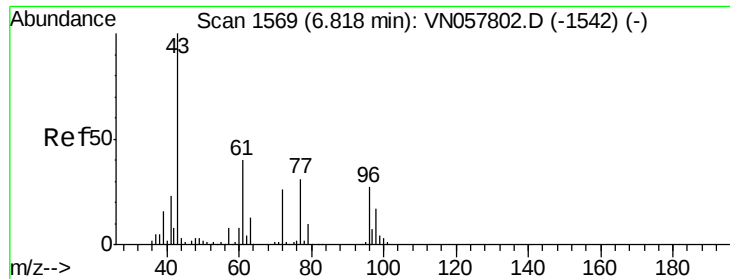
Tgt Ion: 43 Resp: 290996
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 4.548 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion: 63 Resp: 44298
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 3.0 2.0 5.8

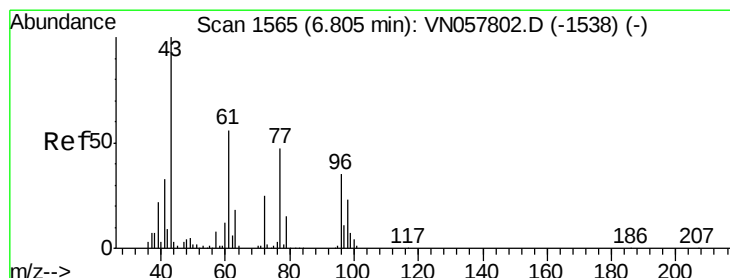
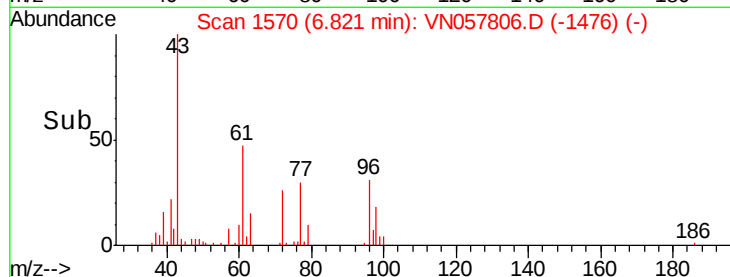
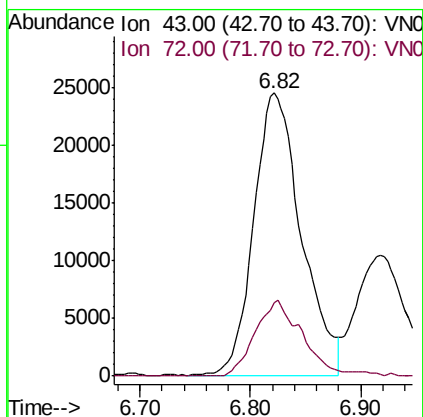
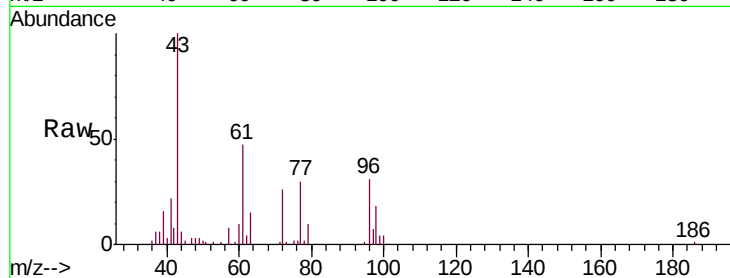




#25
2-Butanone
Concen: 21.536 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

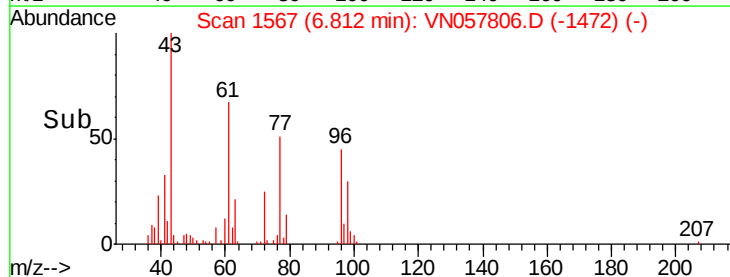
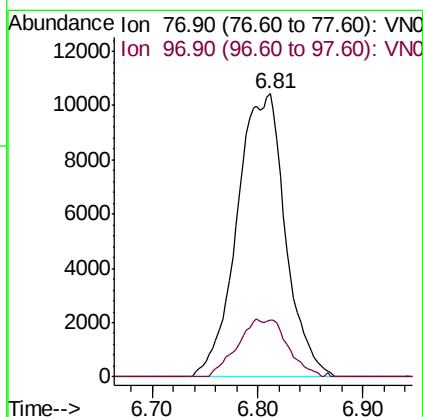
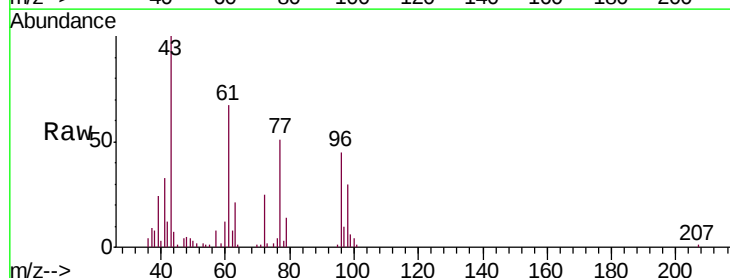
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

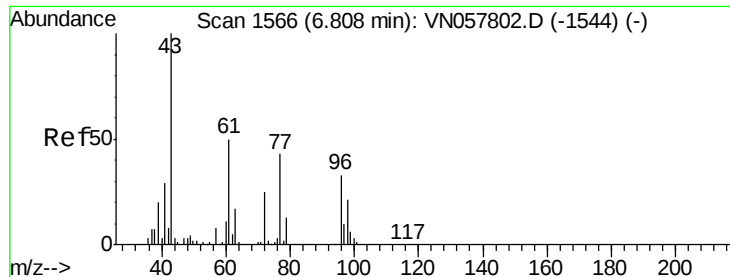
Tgt Ion: 43 Resp: 73779
Ion Ratio Lower Upper
43 100
72 26.0 20.6 30.8



#26
2,2-Dichloropropane
Concen: 4.128 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 77 Resp: 33191
Ion Ratio Lower Upper
77 100
97 11.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 5.075 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

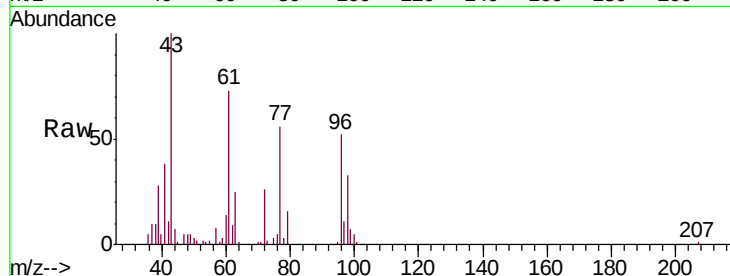
Tgt Ion: 96 Resp: 26609

Ion Ratio Lower Upper

96 100

61 152.6 0.0 314.0

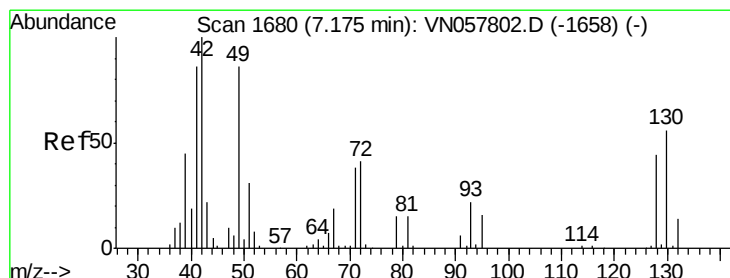
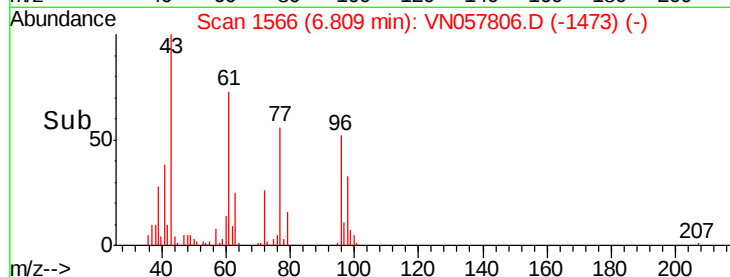
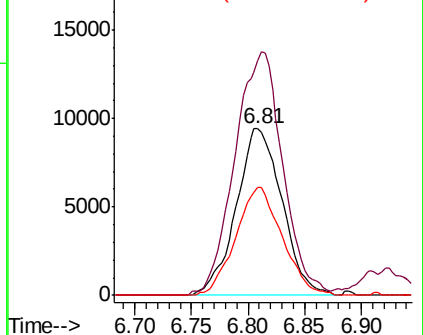
98 65.4 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN057806.D (-1473) (-)

Ion 60.90 (60.60 to 61.60): VN057806.D (-1473) (-)

Ion 97.90 (97.60 to 98.60): VN057806.D (-1473) (-)



#28

Bromochloromethane

Concen: 4.180 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

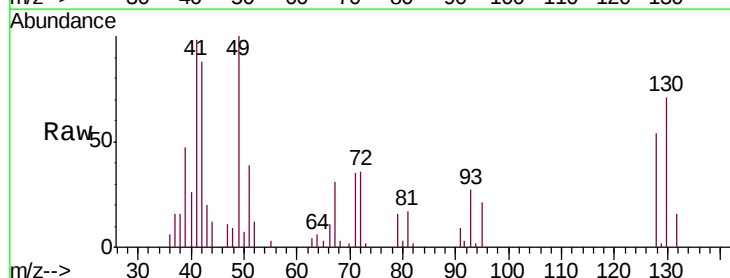
Tgt Ion: 49 Resp: 21538

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.8

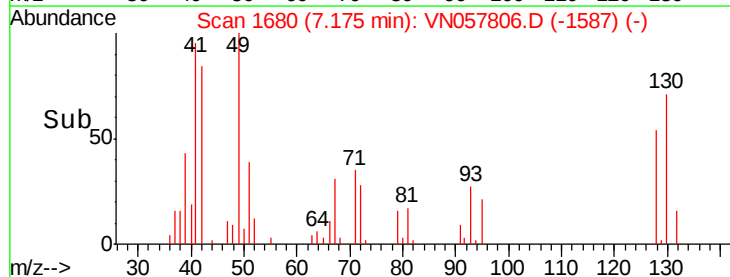
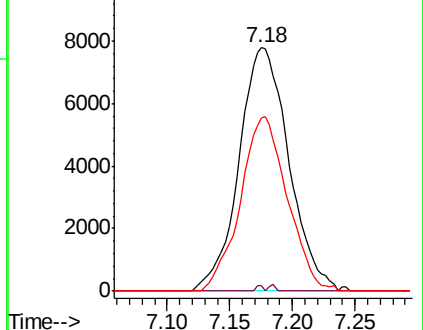
130 67.3 53.0 79.6

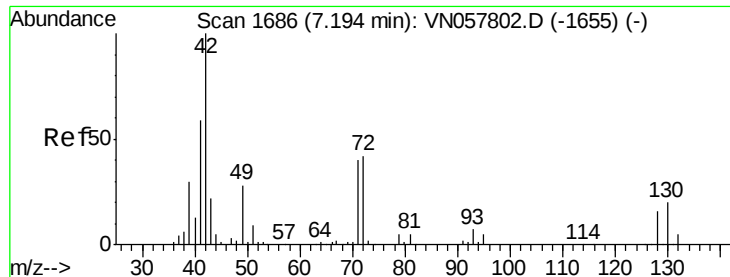


Abundance Ion 48.90 (48.60 to 49.60): VN057806.D (-1587) (-)

Ion 128.80 (128.50 to 129.50): VN057806.D (-1587) (-)

Ion 129.80 (129.50 to 130.50): VN057806.D (-1587) (-)





#29

Tetrahydrofuran

Concen: 21.165 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

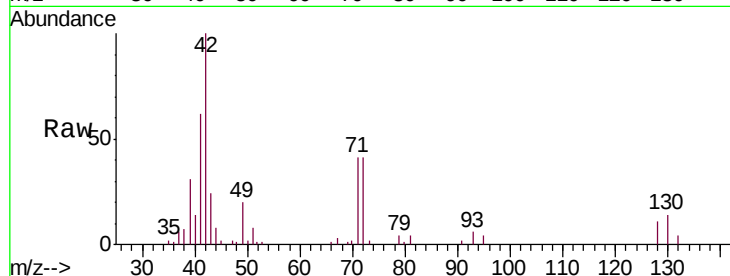
Tgt Ion: 42 Resp: 46402

Ion Ratio Lower Upper

42 100

72 42.5 33.7 50.5

71 40.8 31.9 47.9

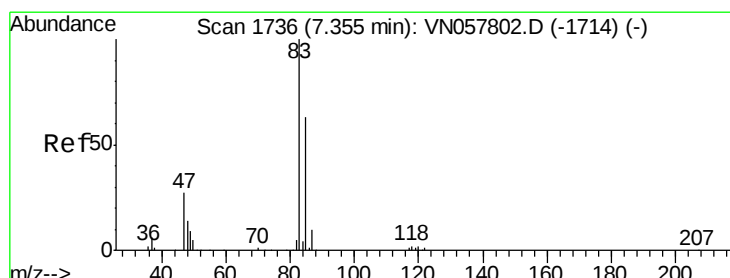
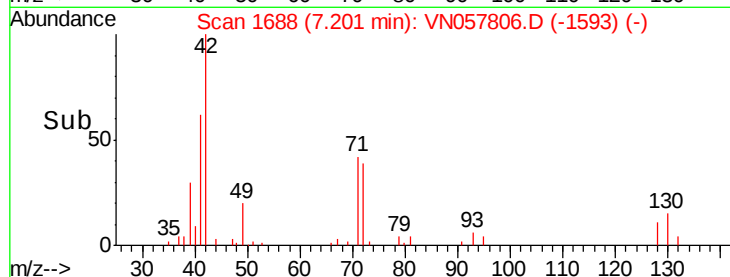


Abundance Ion 42.00 (41.70 to 42.70): VN057806.D (-1688) (-)

Ion 72.00 (71.70 to 72.70): VN057806.D (-1688) (-)

Ion 71.00 (70.70 to 71.70): VN057806.D (-1688) (-)

Time-->



#30

Chloroform

Concen: 4.537 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057806.D

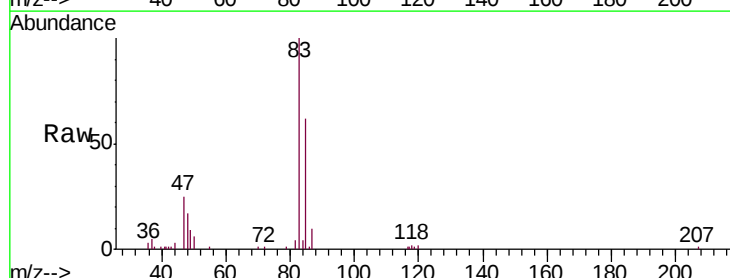
Acq: 9 Sep 2019 17:16

Tgt Ion: 83 Resp: 46107

Ion Ratio Lower Upper

83 100

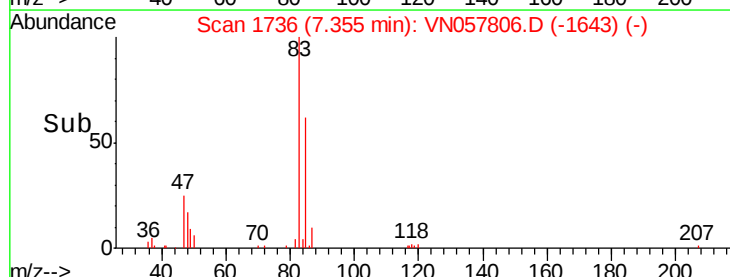
85 62.2 50.6 75.8

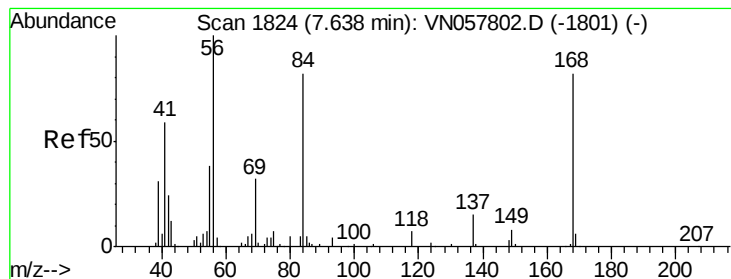


Abundance Ion 82.90 (82.60 to 83.60): VN057806.D (-1736) (-)

Ion 84.90 (84.60 to 85.60): VN057806.D (-1736) (-)

Time-->





#31

Cyclohexane

Concen: 5.286 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

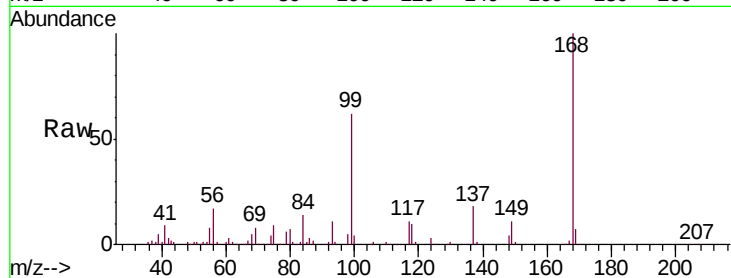
Tgt Ion: 56 Resp: 44503

Ion Ratio Lower Upper

56 100

69 48.3 25.9 38.9#

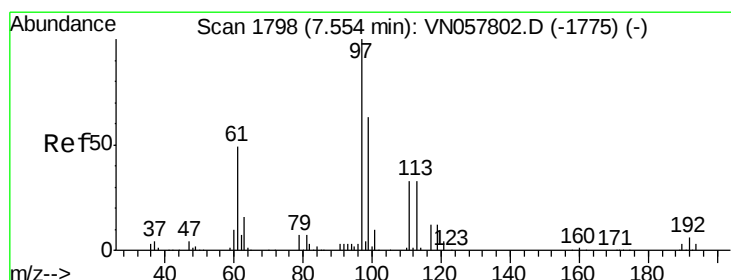
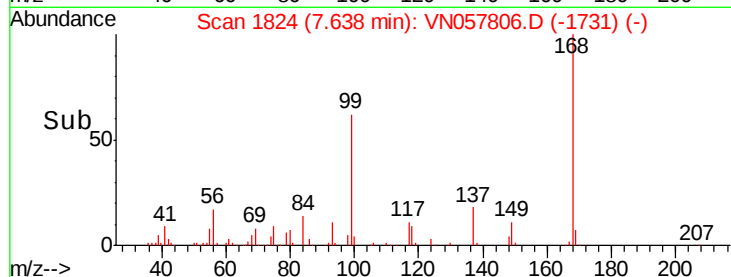
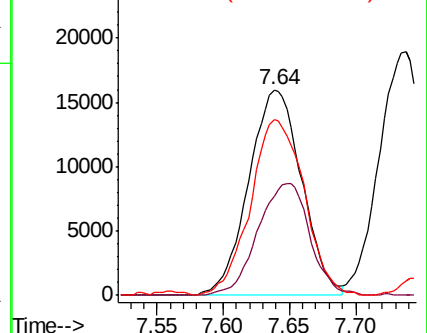
84 85.4 65.6 98.4



Abundance Ion 56.00 (55.70 to 56.70): VN057806.D (-1731) (-)

Ion 69.00 (68.70 to 69.70): VN057806.D (-1731) (-)

Ion 84.00 (83.70 to 84.70): VN057806.D (-1731) (-)



#32

1,1,1-Trichloroethane

Concen: 4.248 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

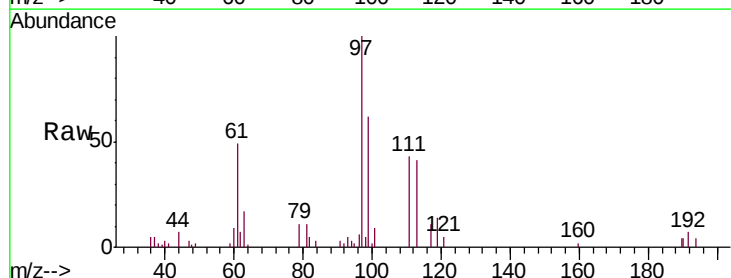
Tgt Ion: 97 Resp: 35606

Ion Ratio Lower Upper

97 100

99 61.7 51.0 76.4

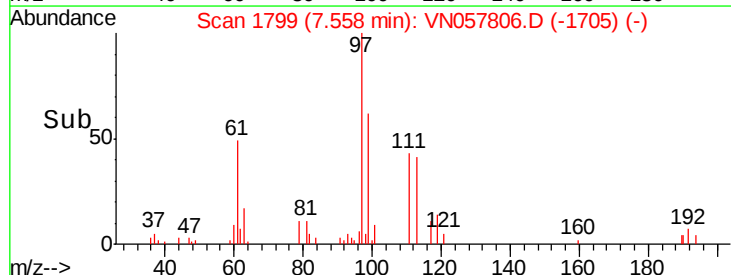
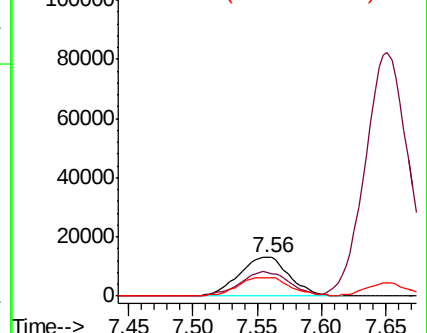
61 50.4 39.0 58.6

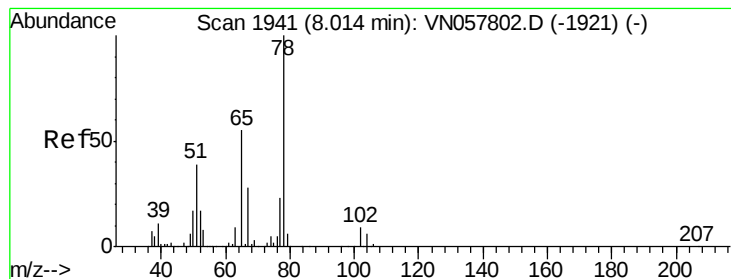


Abundance Ion 96.90 (96.60 to 97.60): VN057806.D (-1705) (-)

Ion 98.90 (98.60 to 99.60): VN057806.D (-1705) (-)

Ion 60.90 (60.60 to 61.60): VN057806.D (-1705) (-)





#33

1,2-Dichloroethane-d4

Concen: 4.518 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

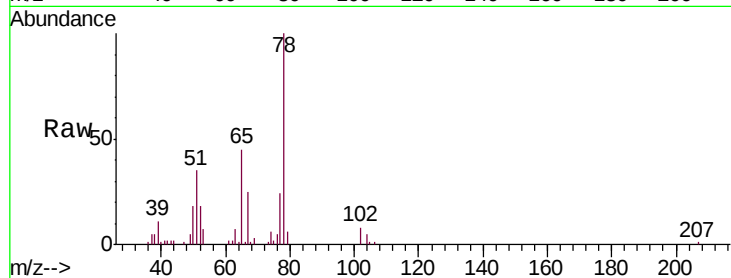
VSTDIC005

Tgt Ion: 65 Resp: 34350

Ion Ratio Lower Upper

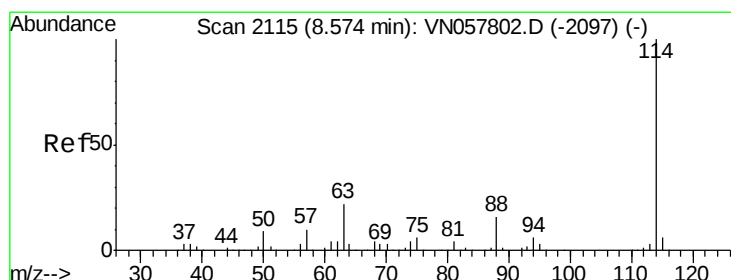
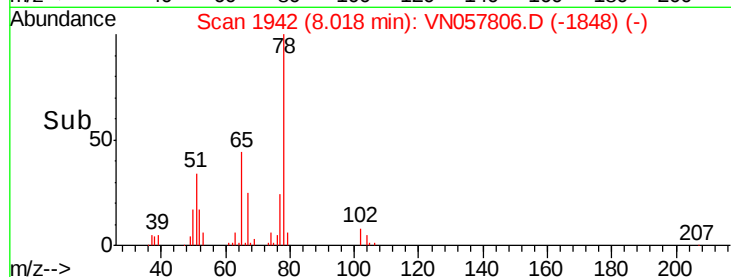
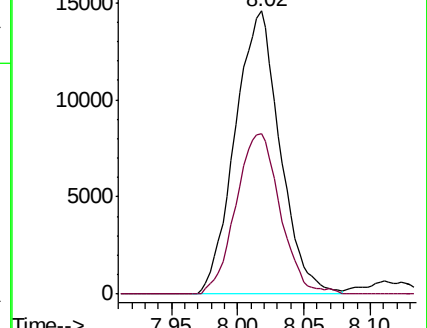
65 100

67 55.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057806.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057806.D (-1848) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

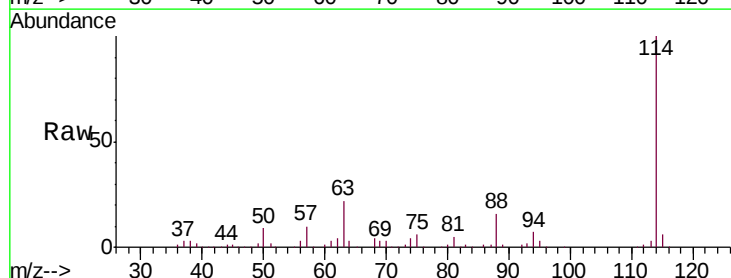
Tgt Ion: 114 Resp: 529029

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

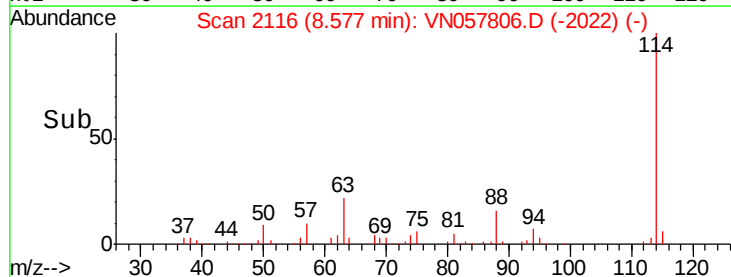
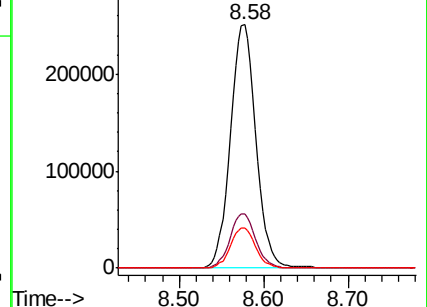
88 16.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057806.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN057806.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN057806.D (-2022) (-)

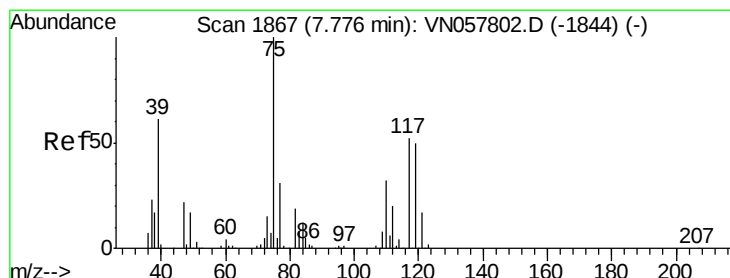
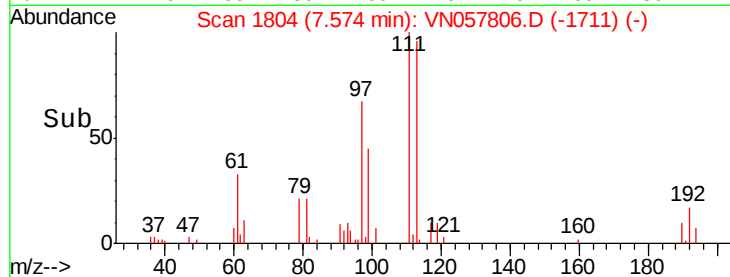
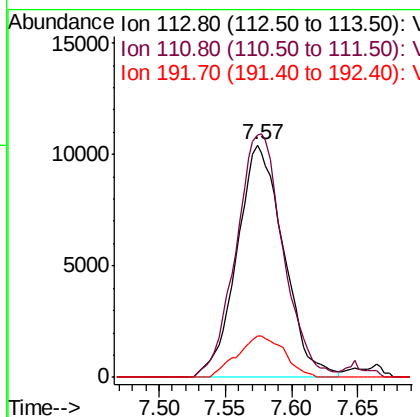
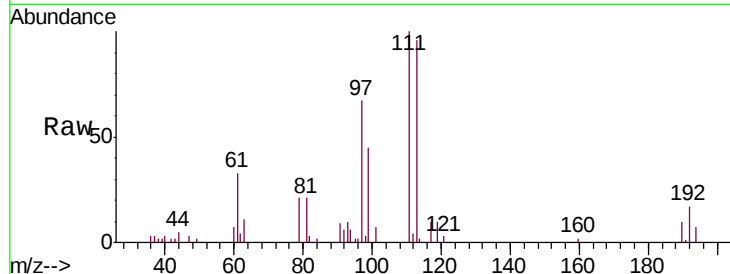




#35
 Dibromofluoromethane
 Concen: 5.322 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

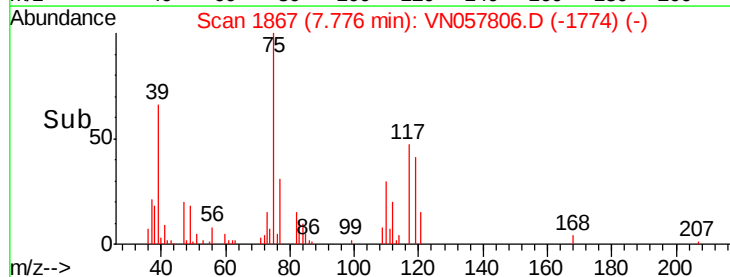
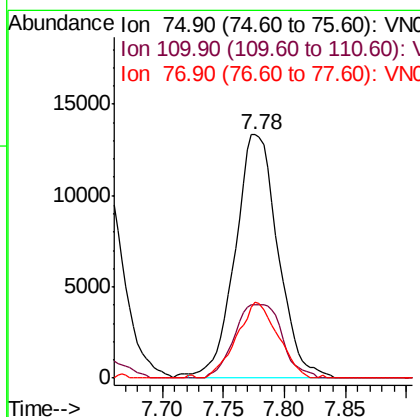
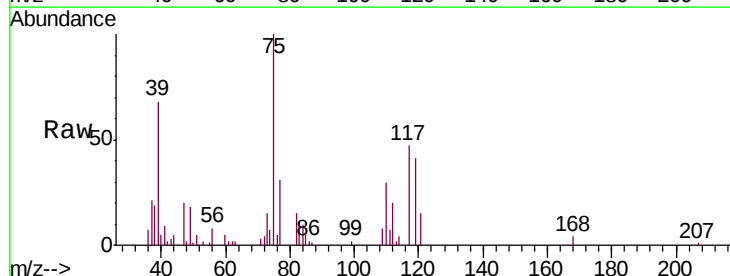
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

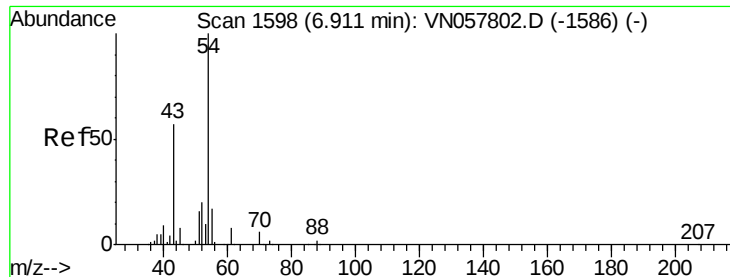
Tgt Ion: 113 Resp: 25590
 Ion Ratio Lower Upper
 113 100
 111 105.6 81.3 121.9
 192 17.8 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.726 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion: 75 Resp: 32365
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.3 48.9
 77 29.9 25.0 37.4

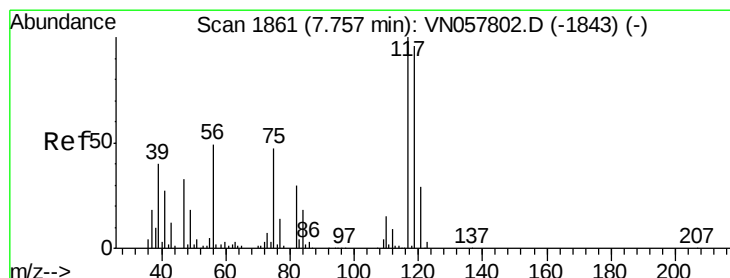
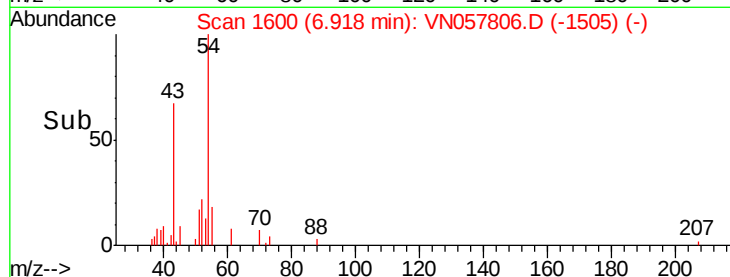
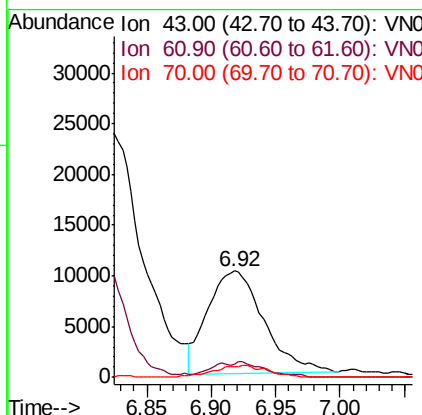
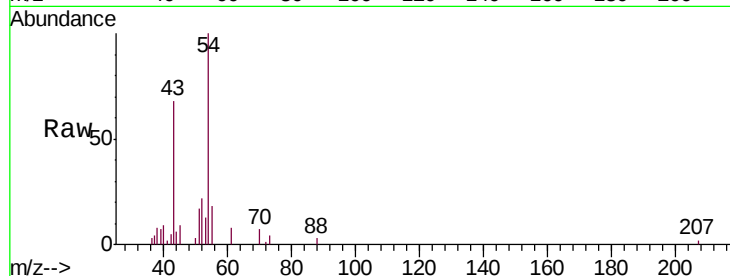




#37
Ethyl Acetate
Concen: 4.543 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

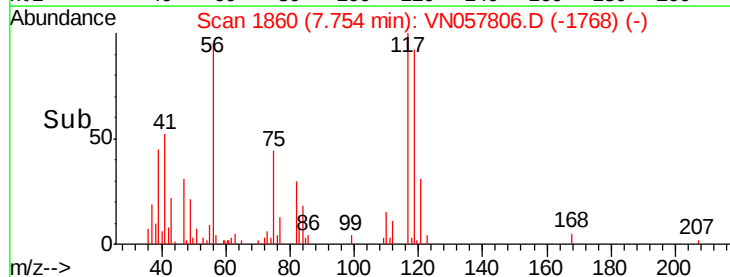
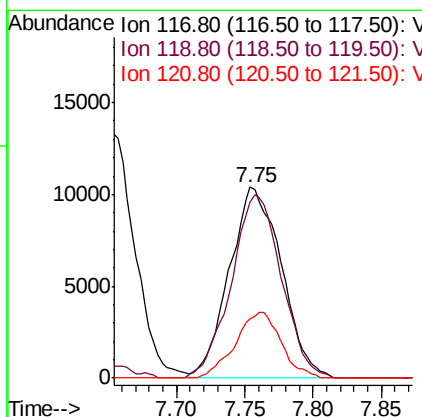
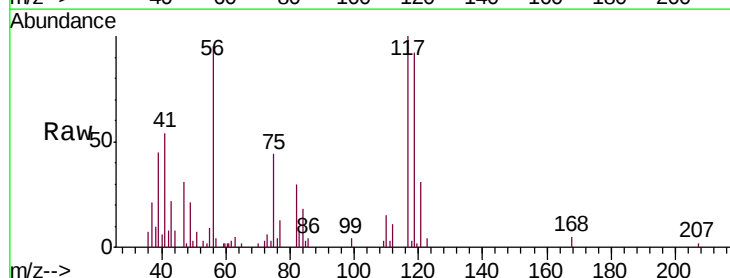
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

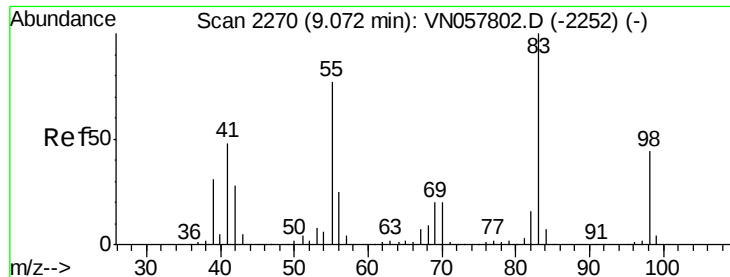
Tgt Ion: 43 Resp: 30862
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 11.0 7.4 11.0



#38
Carbon Tetrachloride
Concen: 4.244 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 117 Resp: 27583
Ion Ratio Lower Upper
117 100
119 92.2 76.9 115.3
121 31.2 23.4 35.2

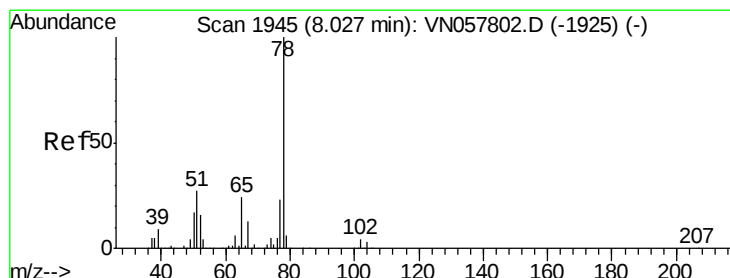
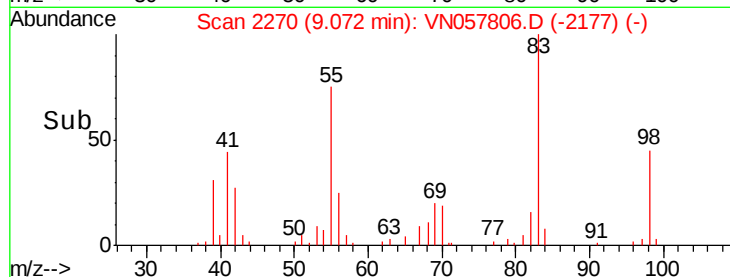
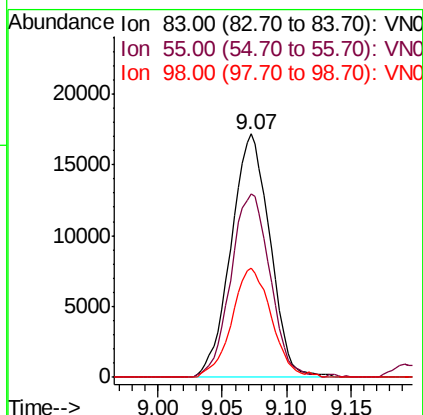
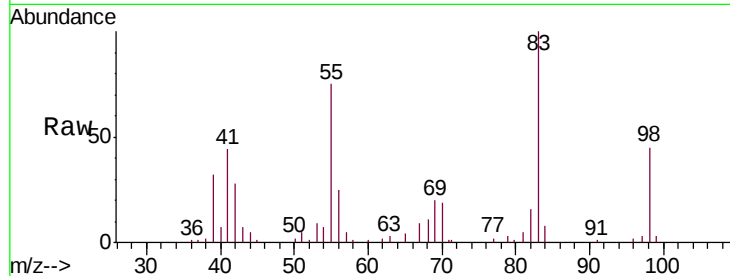




#39
Methylcyclohexane
Concen: 5.012 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

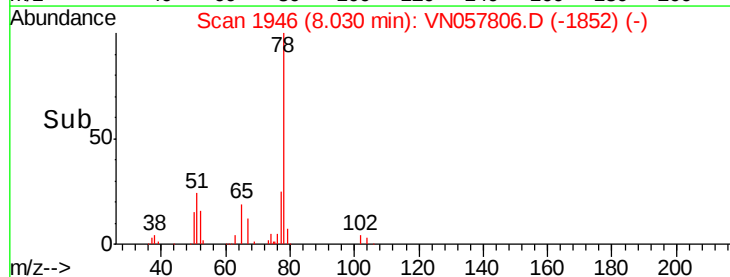
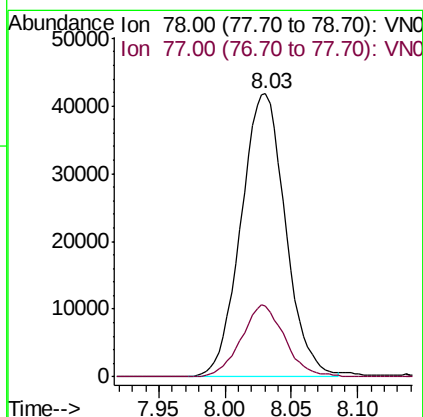
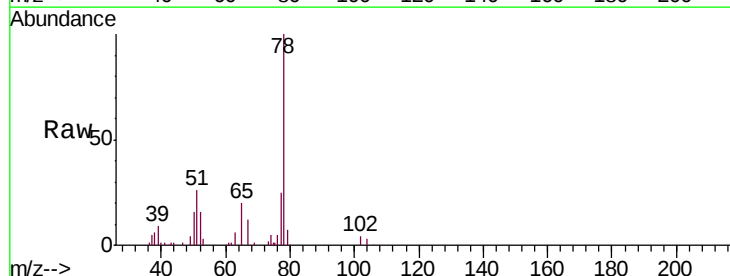
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

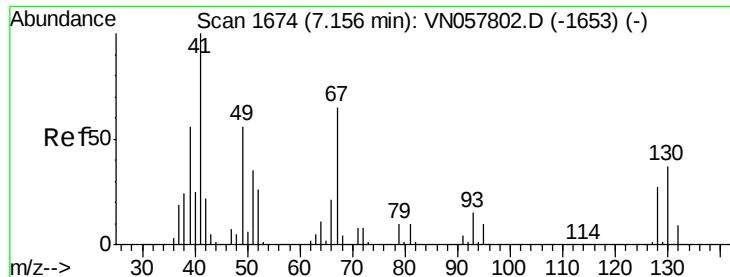
Tgt Ion: 83 Resp: 36072
Ion Ratio Lower Upper
83 100
55 75.5 61.6 92.4
98 44.9 34.9 52.3



#40
Benzene
Concen: 4.993 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 78 Resp: 97743
Ion Ratio Lower Upper
78 100
77 24.8 18.3 27.5

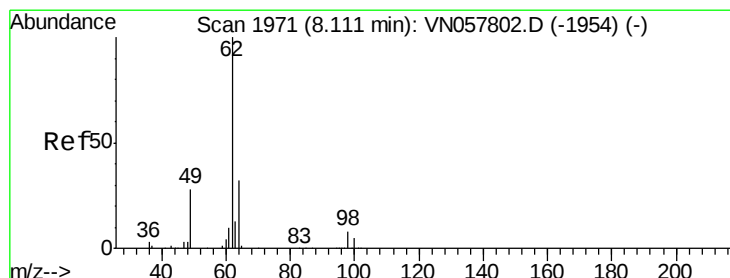
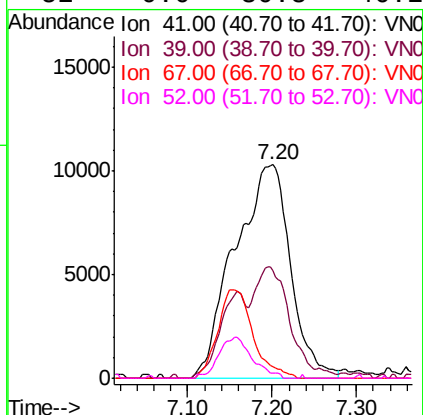
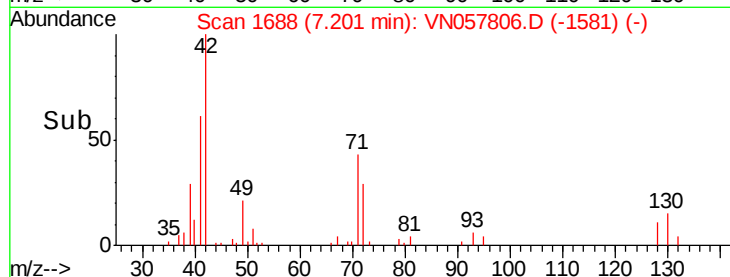
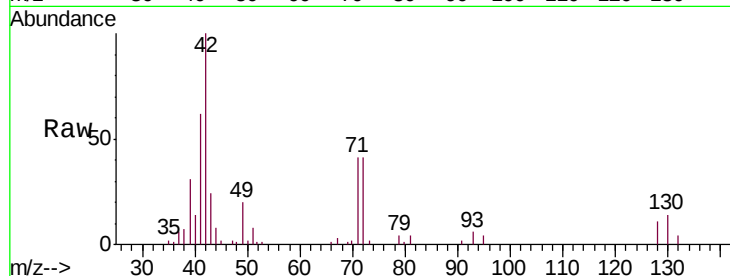




#41
Methacrylonitrile
Concen: 14.190 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.05 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

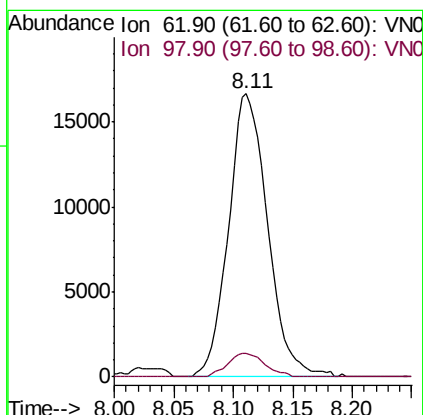
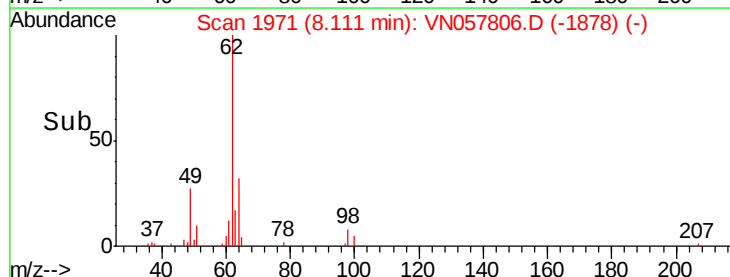
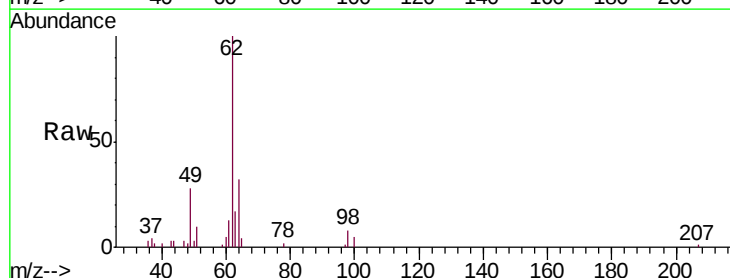
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

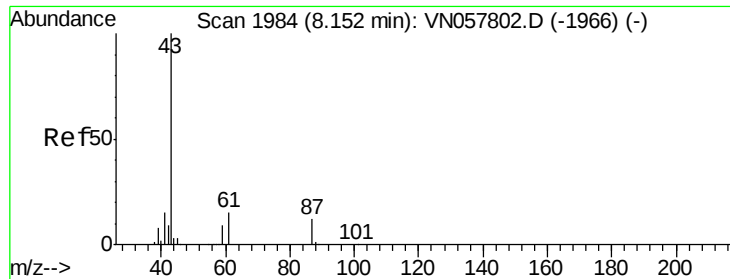
Tgt Ion: 41 Resp: 47213
Ion Ratio Lower Upper
41 100
39 27.8 51.0 76.6#
67 0.0 70.7 106.1#
52 0.0 30.8 46.2#



#42
1,2-Dichloroethane
Concen: 4.226 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 62 Resp: 37929
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 3.857 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

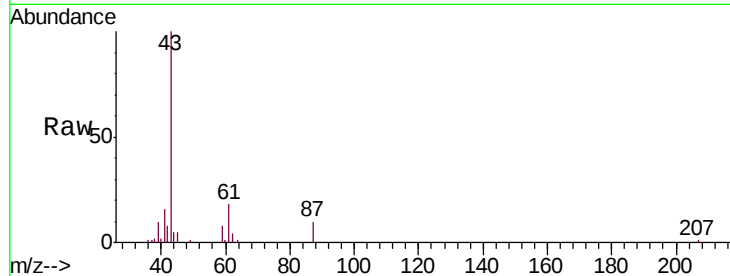
Tgt Ion: 43 Resp: 50030

Ion Ratio Lower Upper

43 100

61 16.8 20.1 30.1#

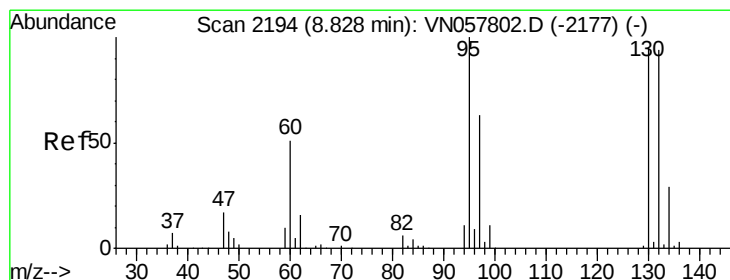
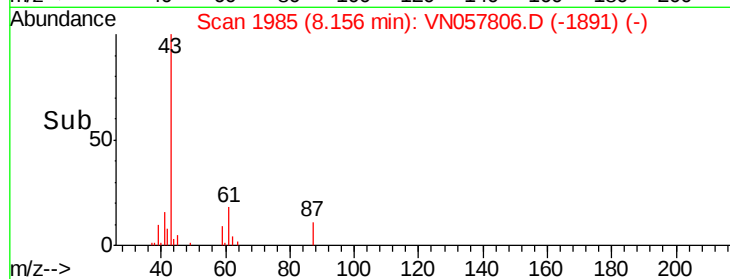
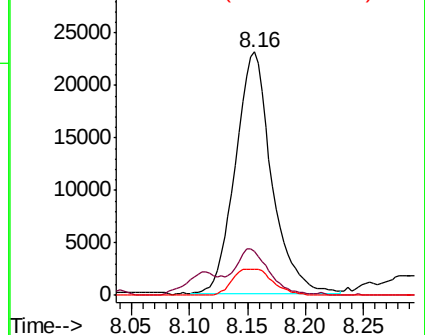
87 12.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#44

Trichloroethene

Concen: 5.425 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057806.D

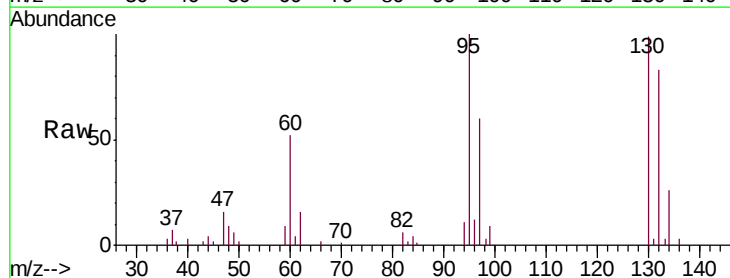
Acq: 9 Sep 2019 17:16

Tgt Ion: 130 Resp: 24014

Ion Ratio Lower Upper

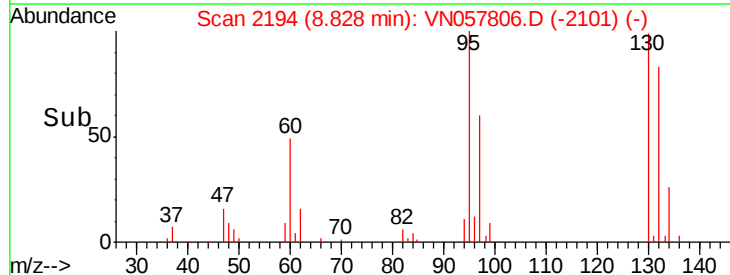
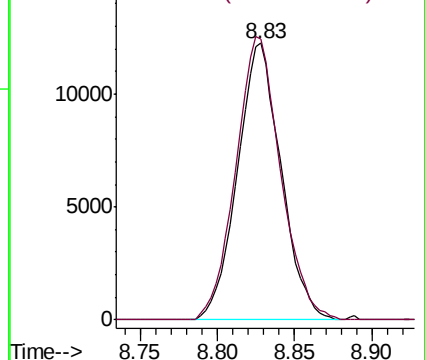
130 100

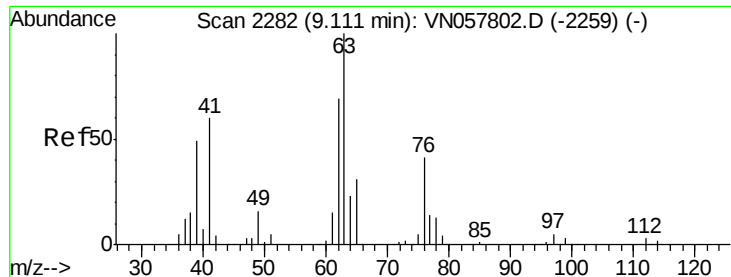
95 101.4 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

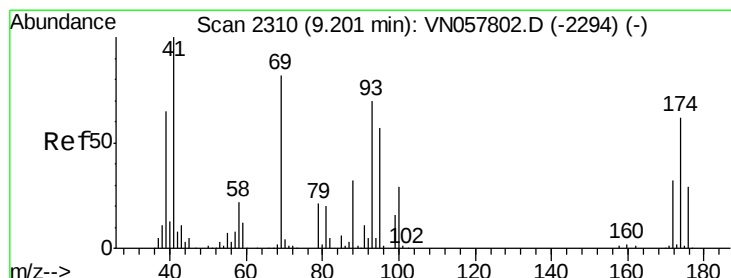
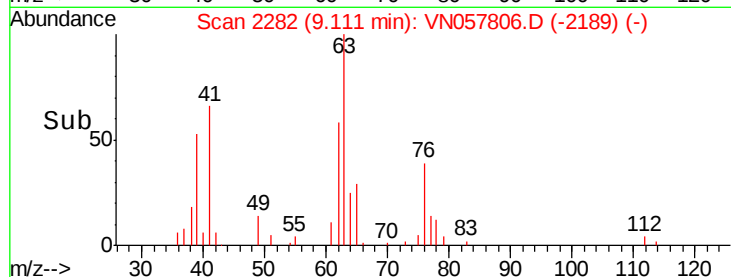
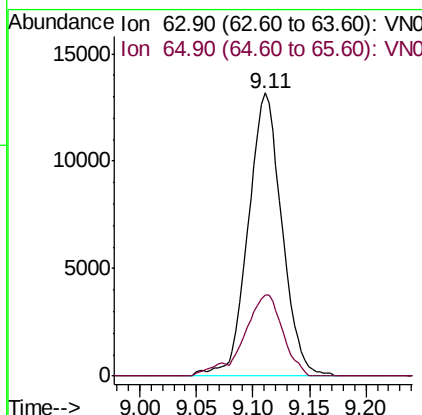
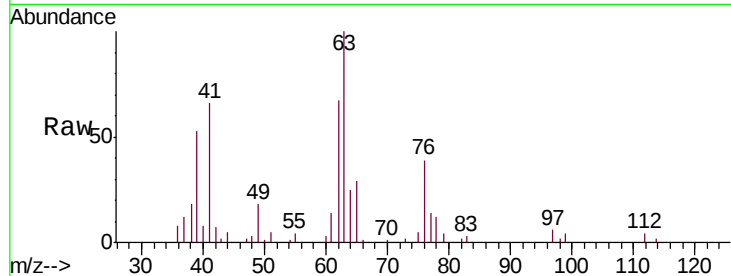




#45
 1,2-Dichloropropane
 Concen: 4.974 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

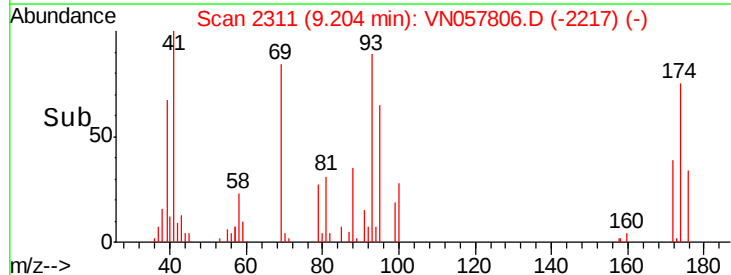
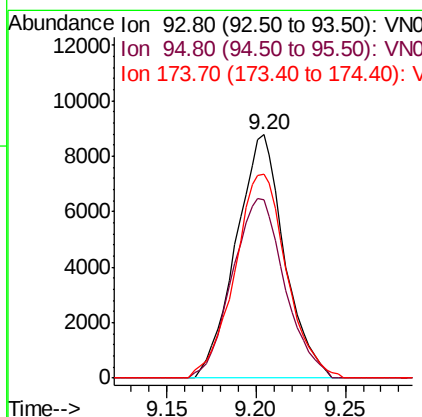
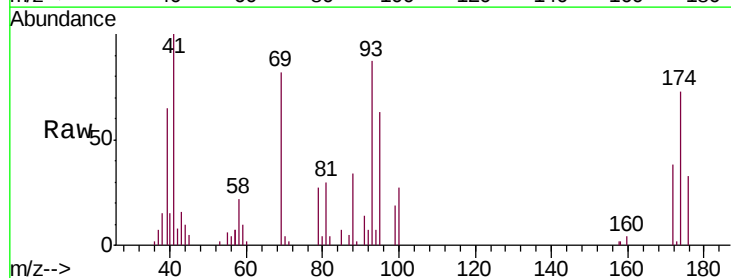
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 27341
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.8 37.2



#46
 Dibromomethane
 Concen: 4.748 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion: 93 Resp: 16586
 Ion Ratio Lower Upper
 93 100
 95 80.0 65.9 98.9
 174 89.7 71.8 107.6





#47

Bromodichloromethane

Concen: 3.960 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

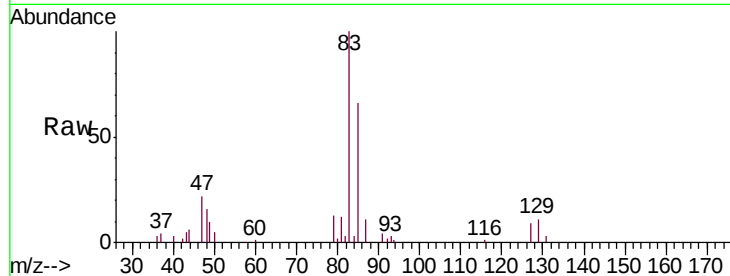
Tgt Ion: 83 Resp: 29376

Ion Ratio Lower Upper

83 100

85 66.0 49.9 74.9

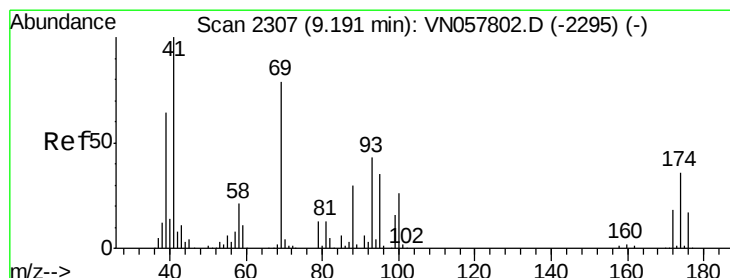
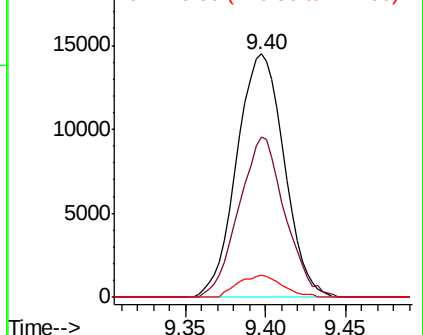
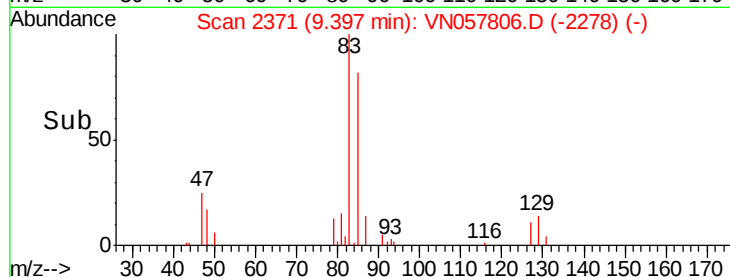
127 9.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN057806.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057806.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057806.D (-2278) (-)



#48

Methyl methacrylate

Concen: 3.705 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

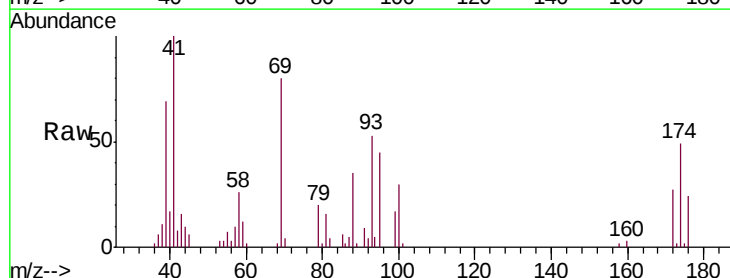
Tgt Ion: 41 Resp: 24701

Ion Ratio Lower Upper

41 100

69 80.7 62.7 94.1

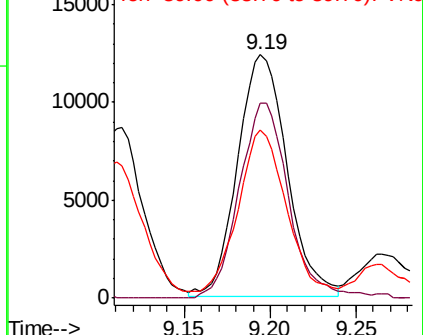
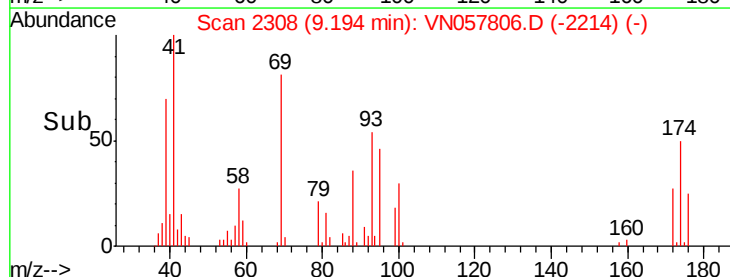
39 66.1 52.7 79.1

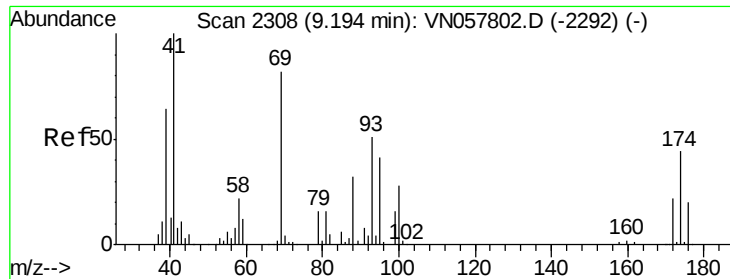


Abundance Ion 41.00 (40.70 to 41.70): VN057806.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057806.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057806.D (-2214) (-)

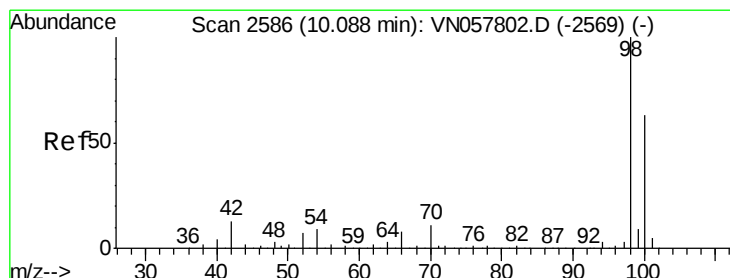
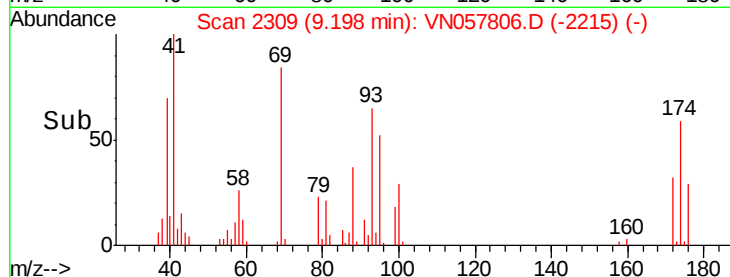
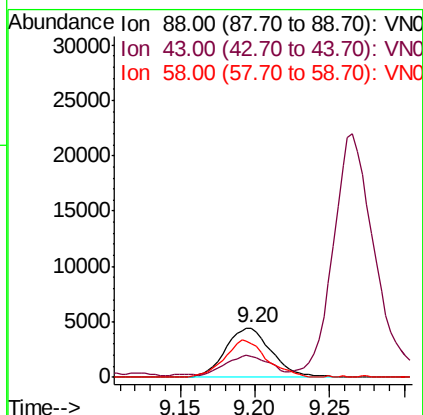
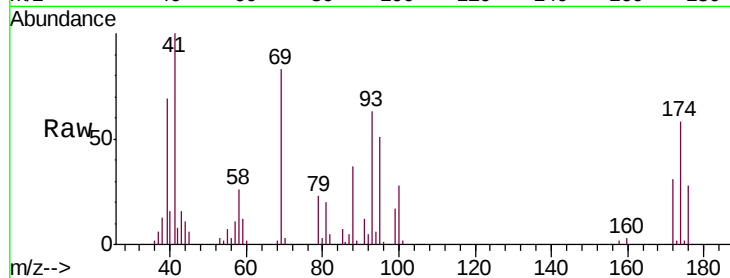




#49
 1,4-Dioxane
 Concen: 117.245 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

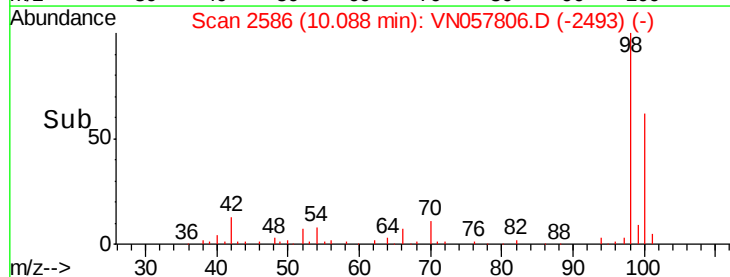
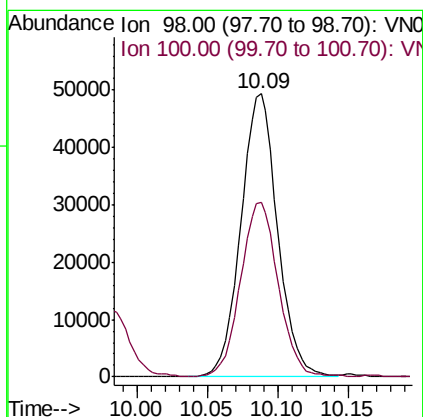
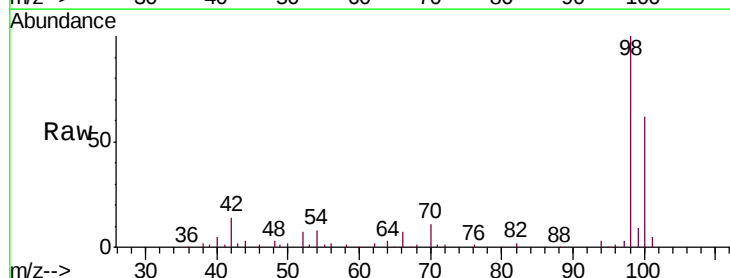
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

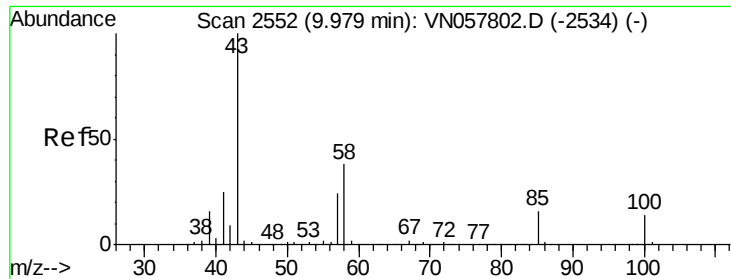
Tgt Ion: 88 Resp: 9521
 Ion Ratio Lower Upper
 88 100
 43 36.6 28.5 42.7
 58 69.6 55.8 83.6



#50
 Toluene-d8
 Concen: 4.985 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion: 98 Resp: 89890
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.3 75.5

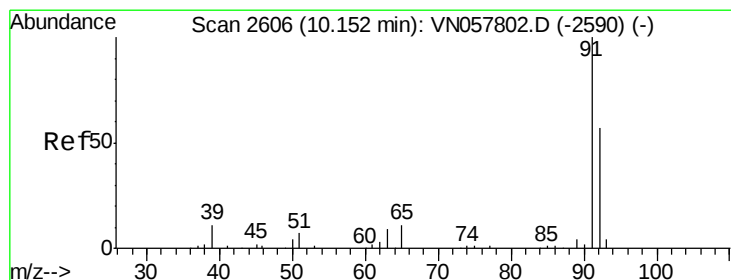
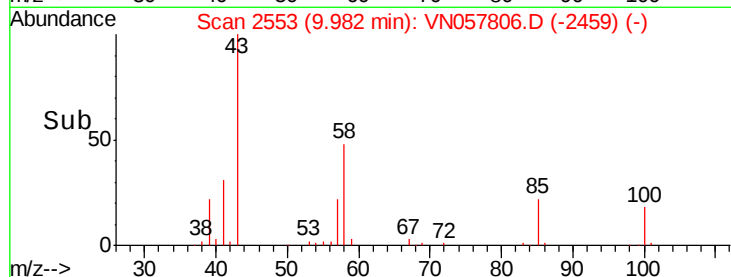
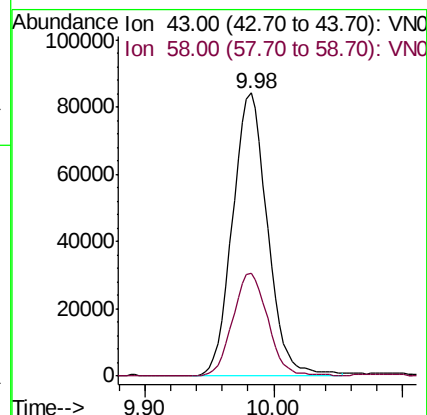
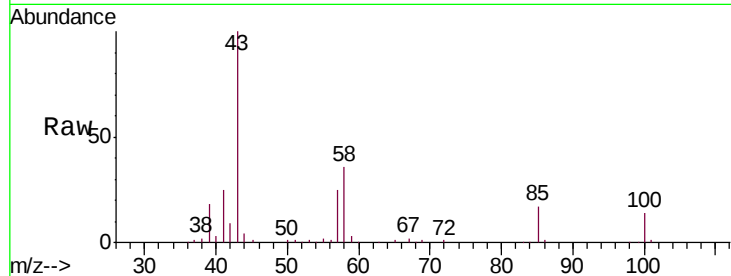




#51
4-Methyl-2-Pentanone
Concen: 21.635 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

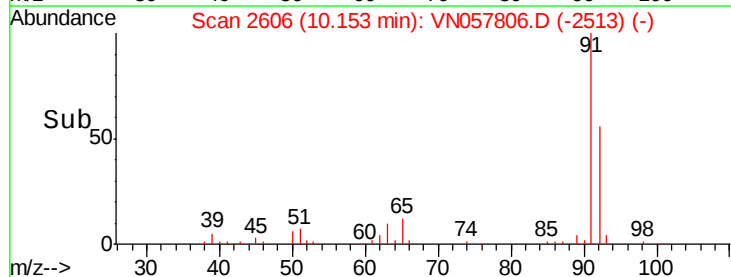
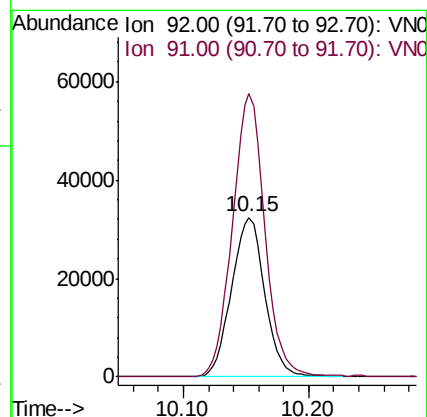
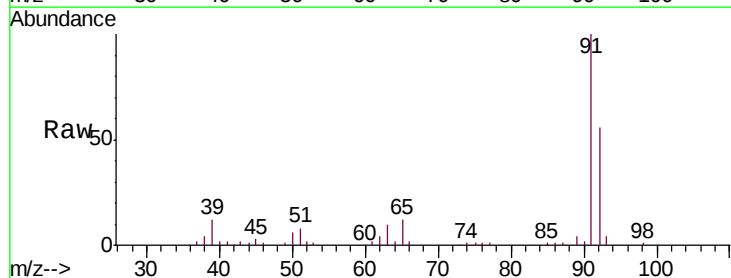
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

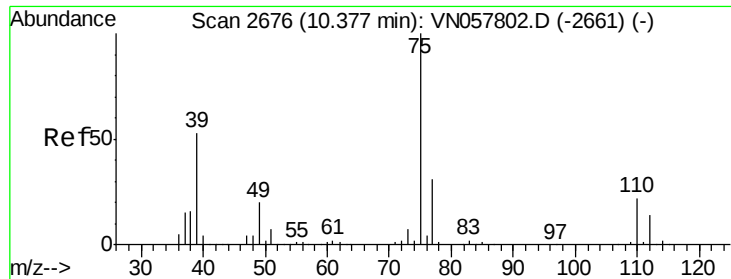
Tgt Ion: 43 Resp: 157893
Ion Ratio Lower Upper
43 100
58 36.8 29.8 44.6



#52
Toluene
Concen: 4.982 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 92 Resp: 59543
Ion Ratio Lower Upper
92 100
91 173.2 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 3.888 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

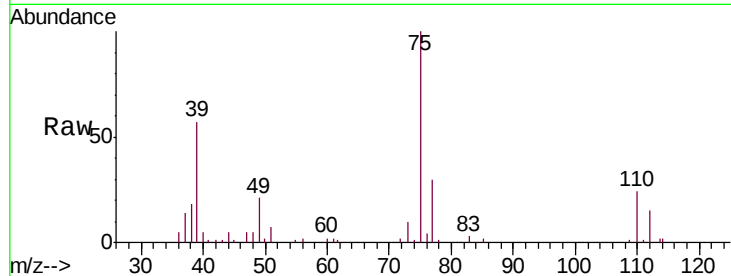
VSTDIC005

Tgt Ion: 75 Resp: 29100

Ion Ratio Lower Upper

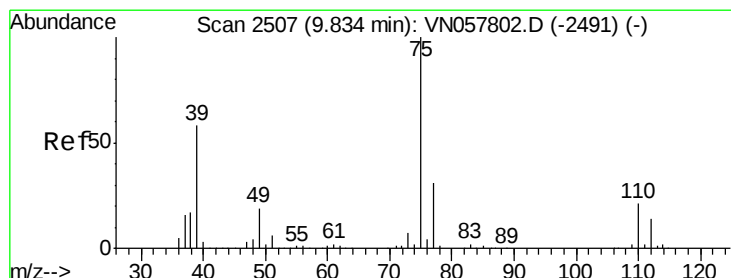
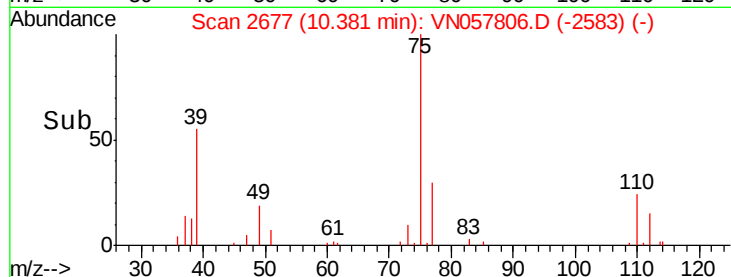
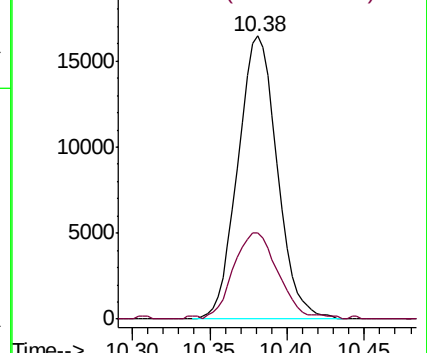
75 100

77 30.5 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.229 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

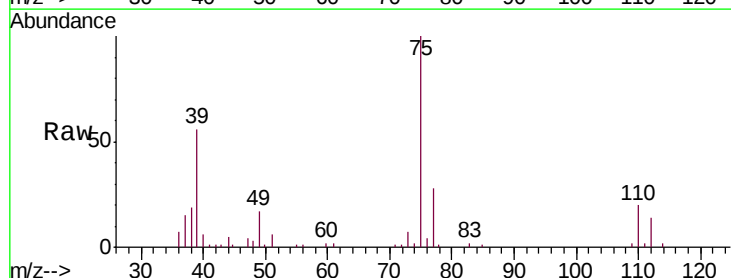
Tgt Ion: 75 Resp: 34312

Ion Ratio Lower Upper

75 100

77 28.3 24.8 37.2

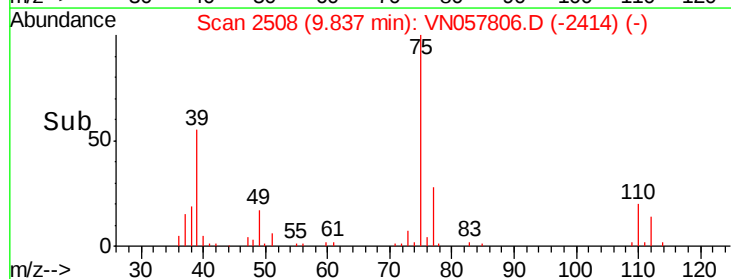
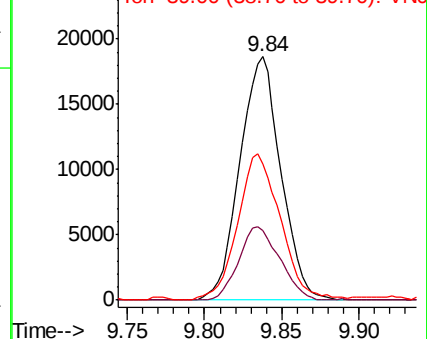
39 56.1 46.2 69.4

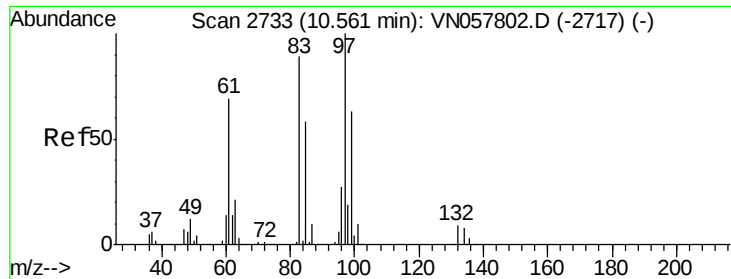


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 5.054 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 24646

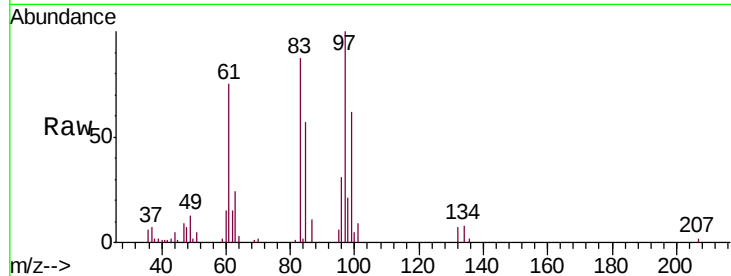
Ion Ratio Lower Upper

97 100

83 86.7 70.8 106.2

85 57.4 46.0 69.0

99 62.4 50.6 76.0

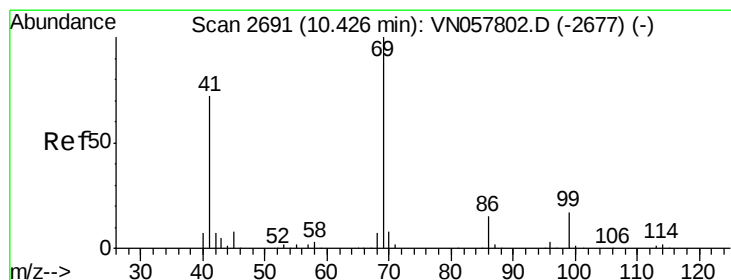
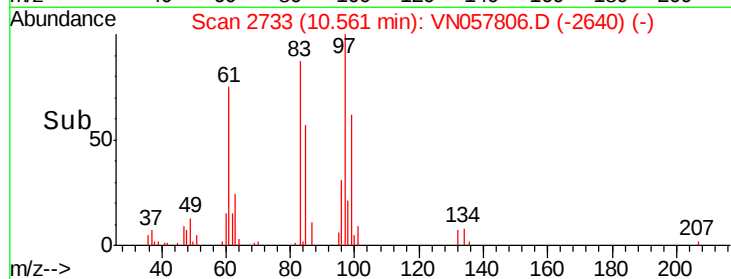
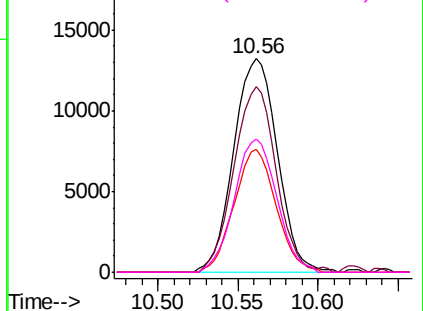


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.399 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

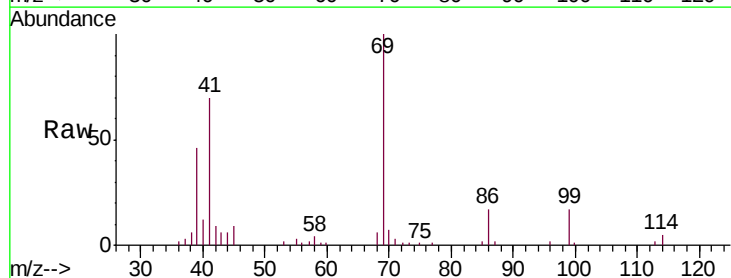
Tgt Ion: 69 Resp: 33958

Ion Ratio Lower Upper

69 100

41 68.6 56.7 85.1

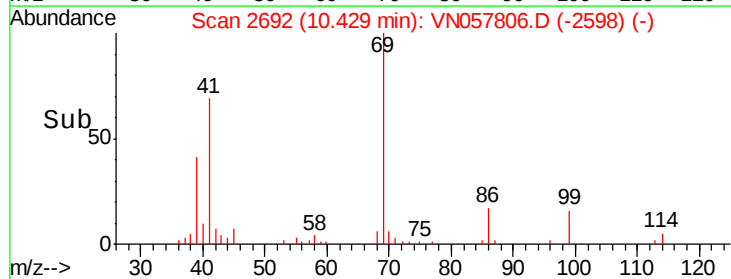
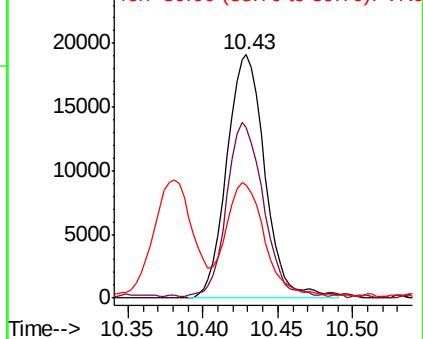
39 47.9 36.3 54.5



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 4.797 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampled :

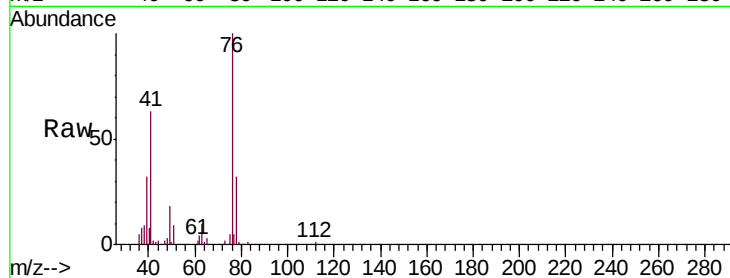
VSTDIC005

Tgt Ion: 76 Resp: 41814

Ion Ratio Lower Upper

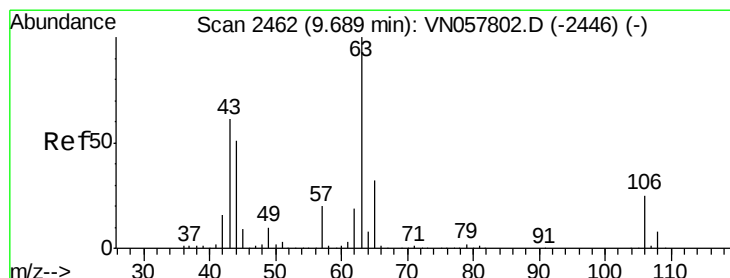
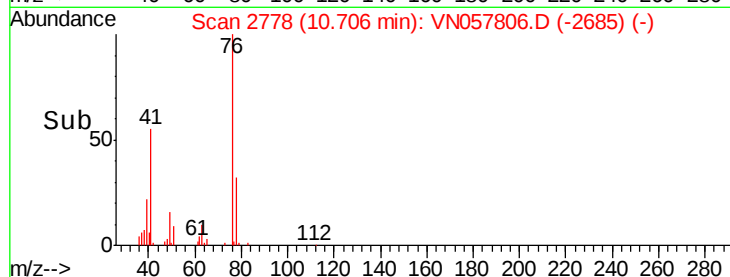
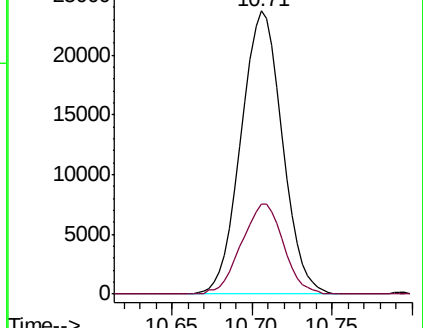
76 100

78 32.3 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN057806.D (-2685) (-)

Ion 77.90 (77.60 to 78.60): VN057806.D (-2685) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 22.518 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057806.D

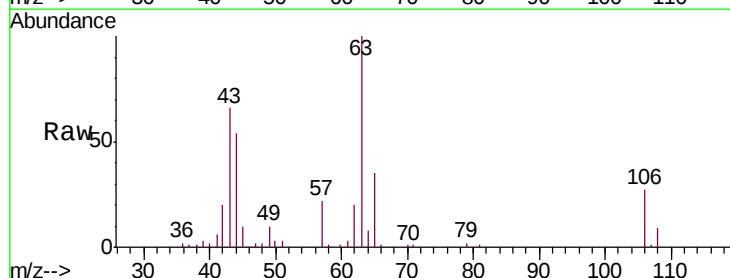
Acq: 9 Sep 2019 17:16

Tgt Ion: 63 Resp: 88298

Ion Ratio Lower Upper

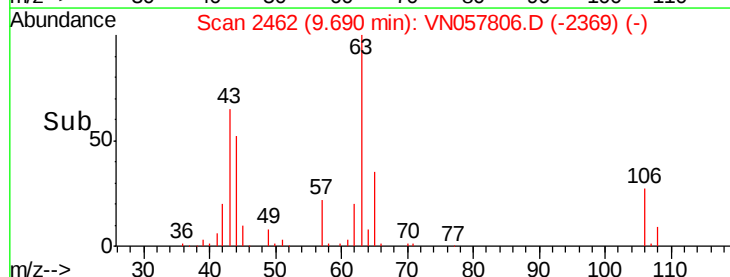
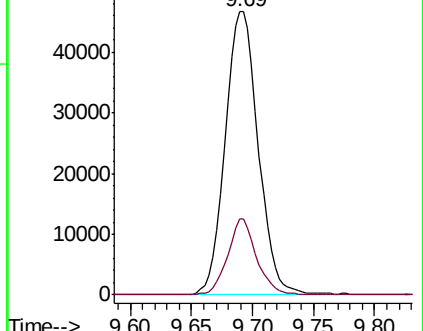
63 100

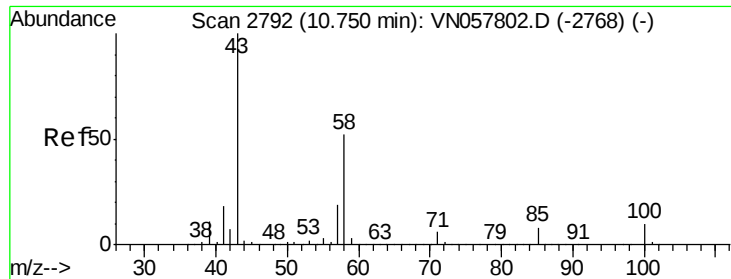
106 23.6 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN057806.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN057806.D (-2369) (-)

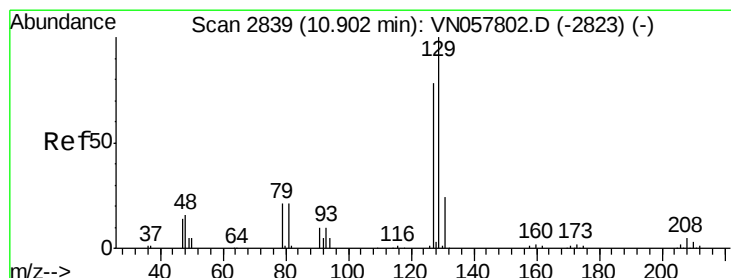
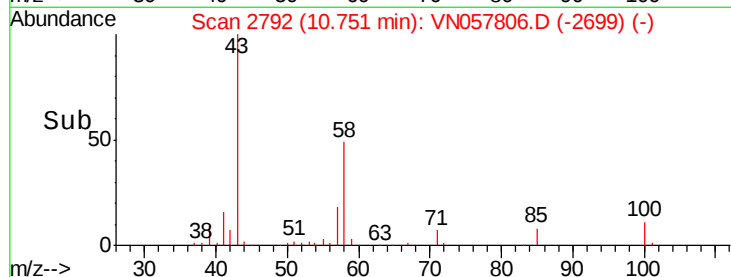
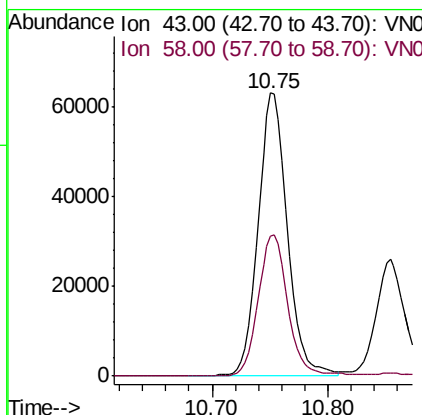
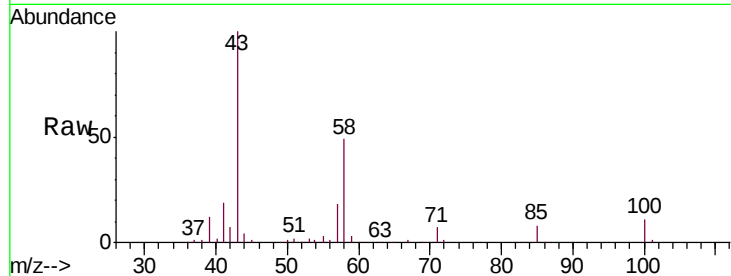




#59
2-Hexanone
Concen: 21.375 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

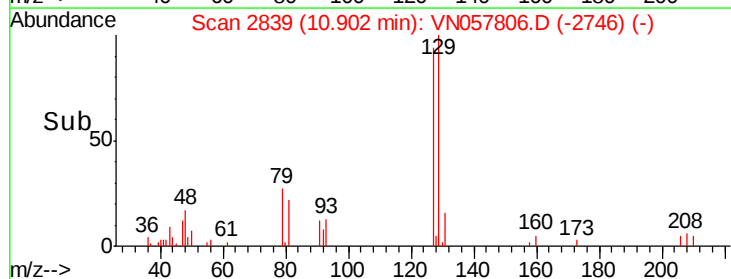
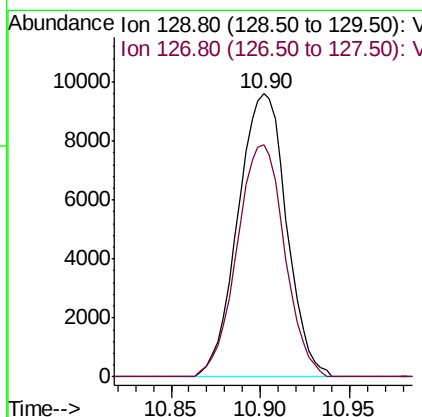
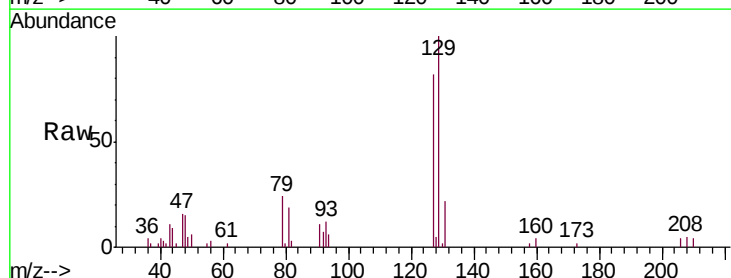
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

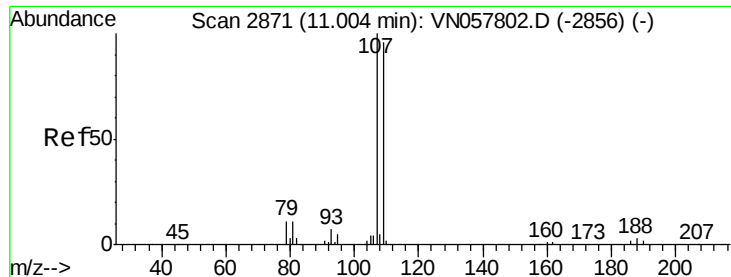
Tgt Ion: 43 Resp: 110944
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.8



#60
Dibromochloromethane
Concen: 3.888 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 129 Resp: 18267
Ion Ratio Lower Upper
129 100
127 80.2 38.6 116.0

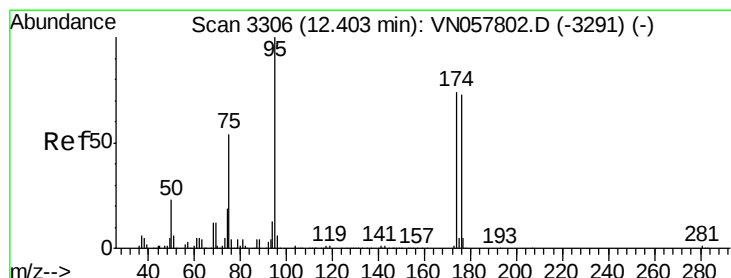
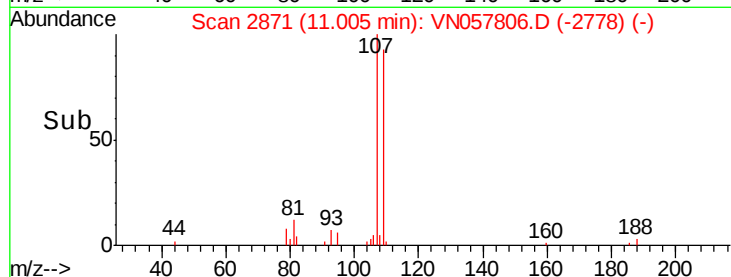
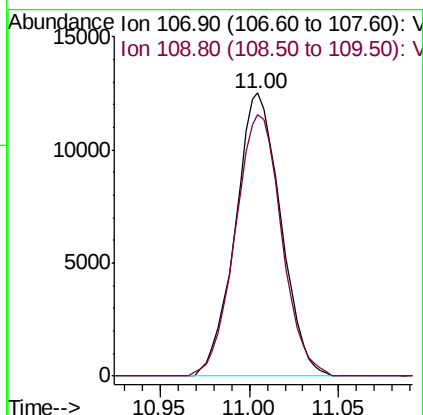
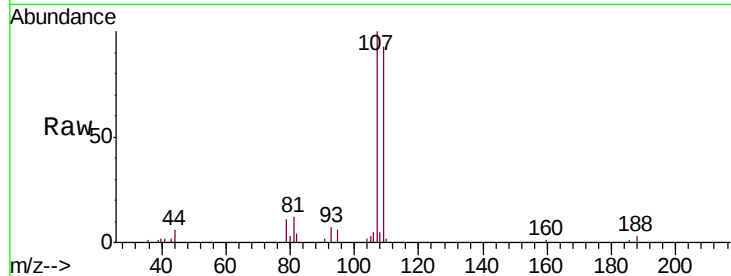




#61
 1,2-Dibromoethane
 Concen: 4.766 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

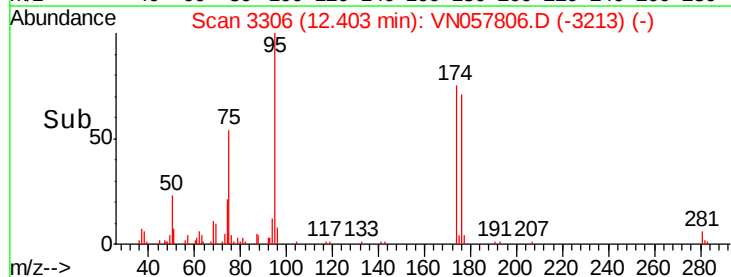
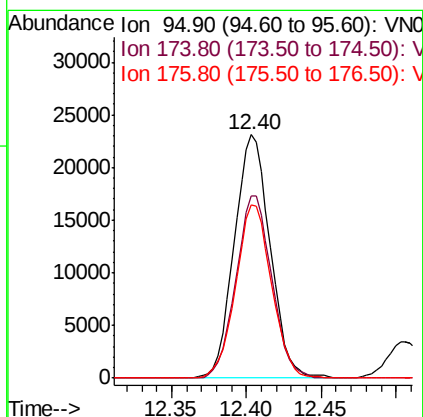
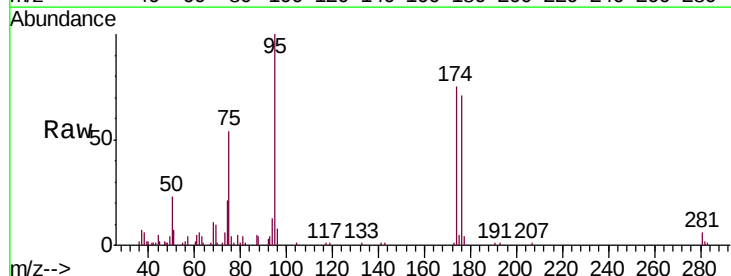
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

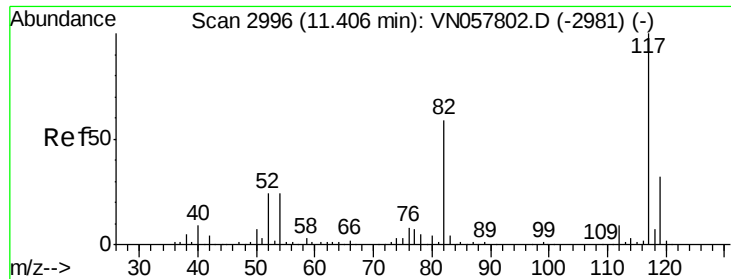
Tgt Ion: 107 Resp: 22139
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 5.280 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion: 95 Resp: 38493
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.2
 176 71.3 0.0 146.0

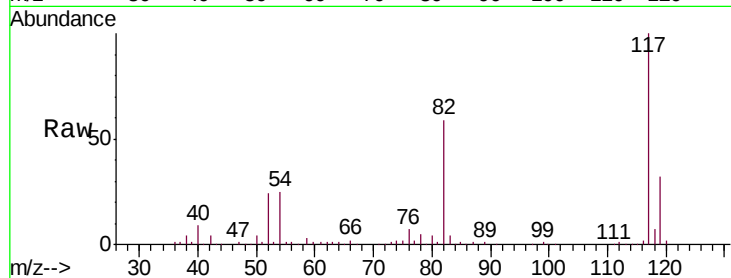




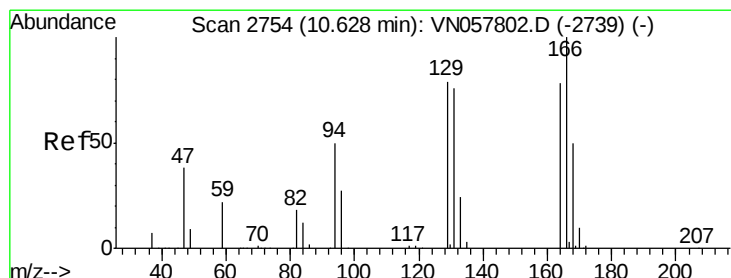
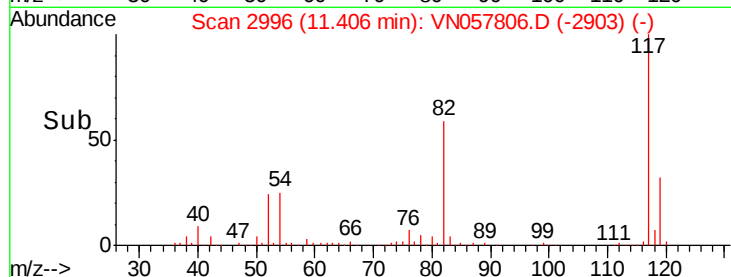
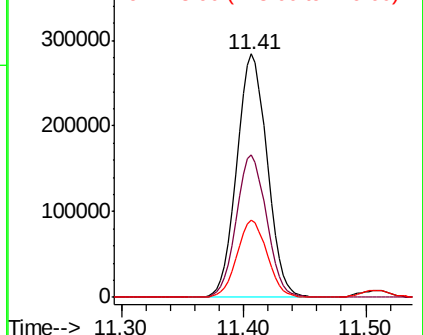
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 488140
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 31.9 25.3 37.9

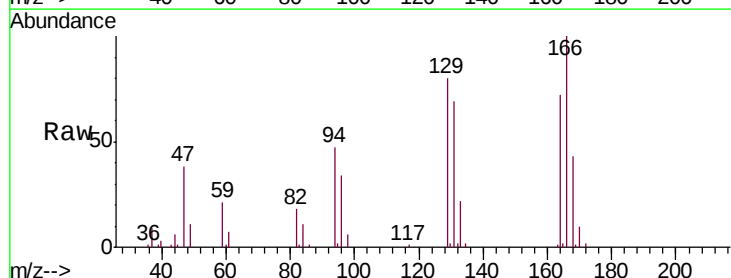


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

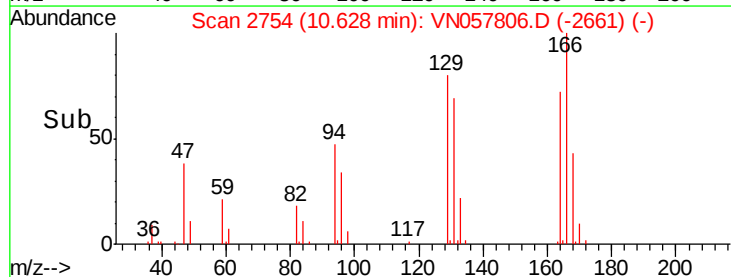
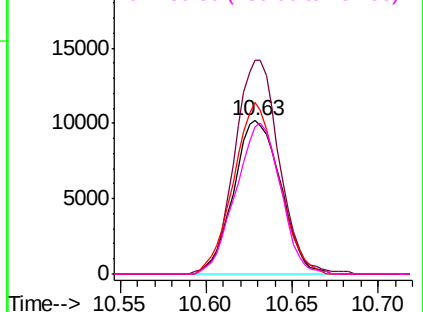


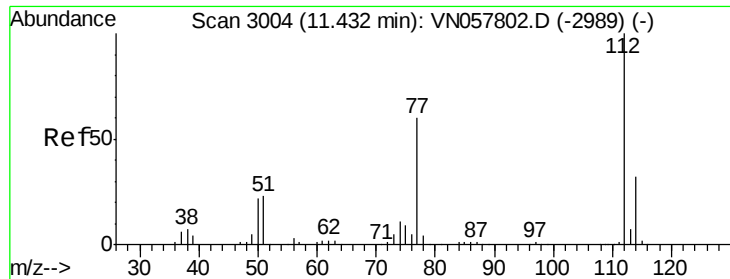
#64
Tetrachloroethene
Concen: 5.167 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion:164 Resp: 19397
Ion Ratio Lower Upper
164 100
166 139.6 102.2 153.2
129 111.7 80.8 121.2
131 96.5 77.4 116.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

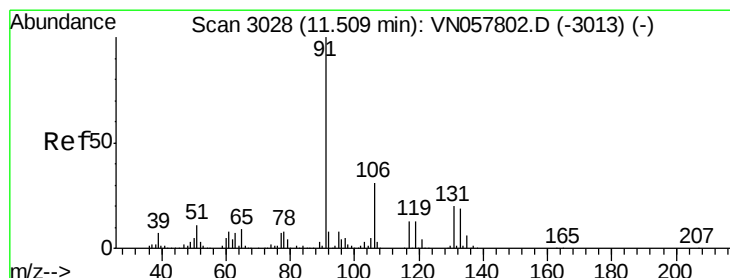
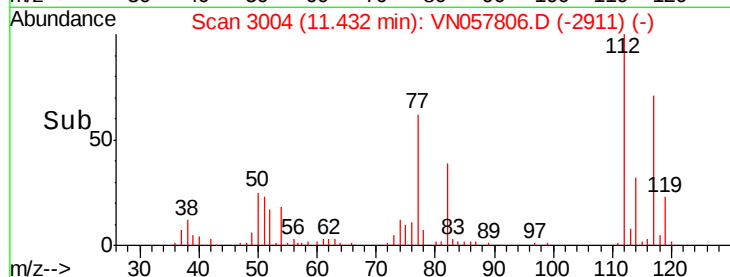
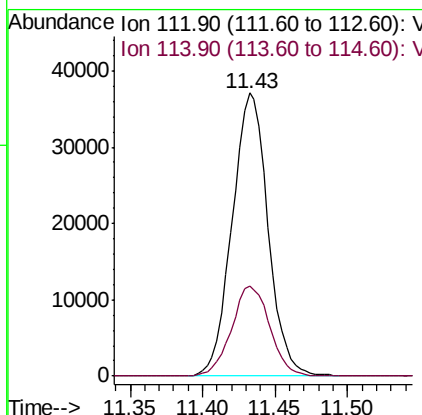
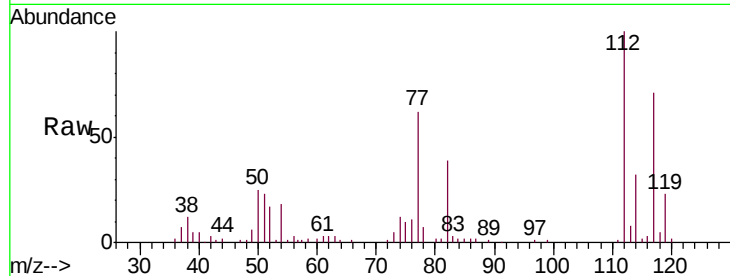




#65
Chlorobenzene
Concen: 4.985 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

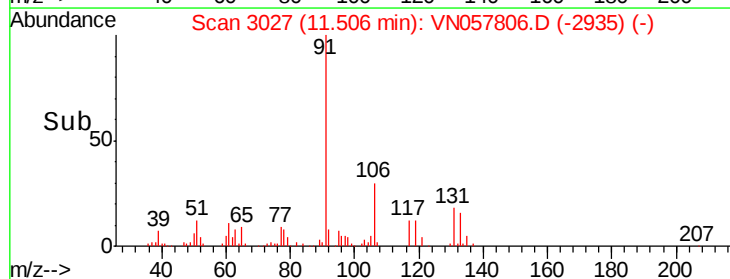
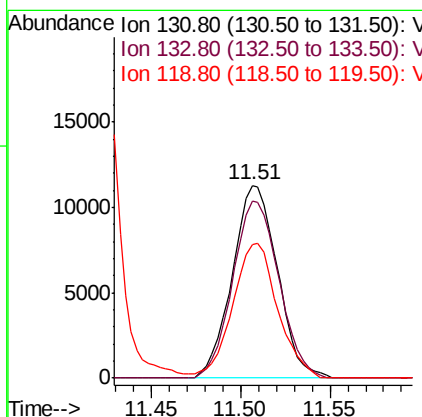
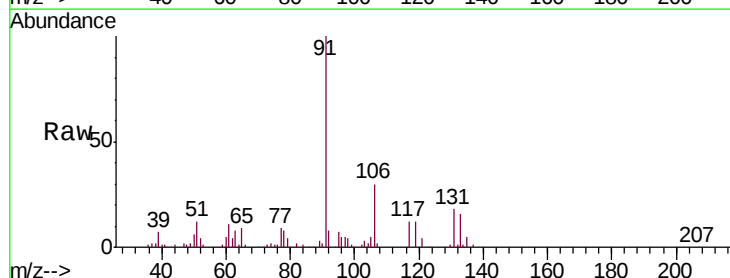
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

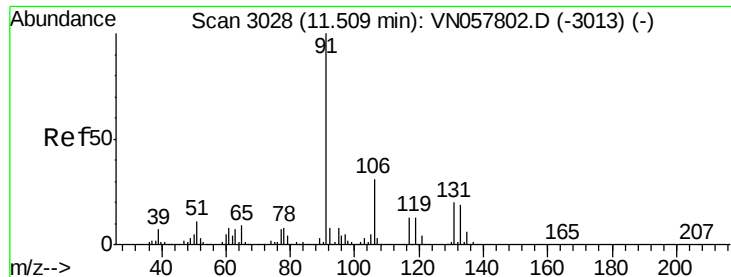
Tgt Ion:112 Resp: 63650
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.487 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion:131 Resp: 19939
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 70.1 33.3 99.8

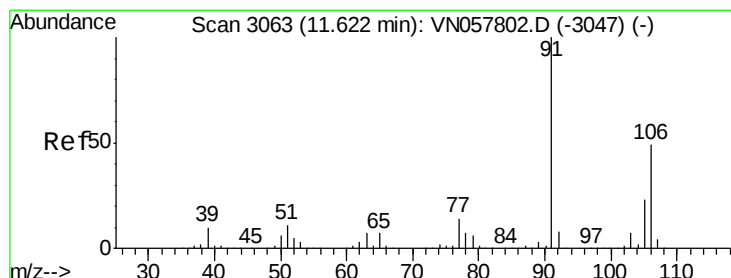
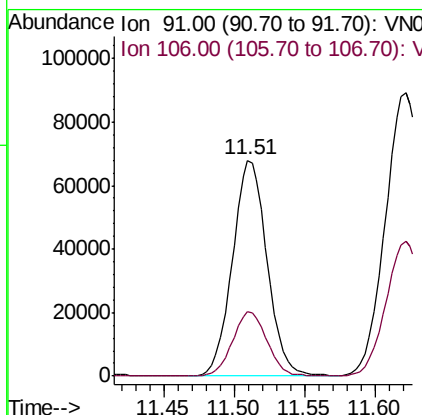
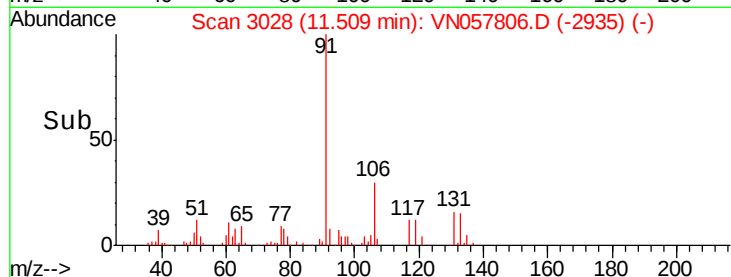
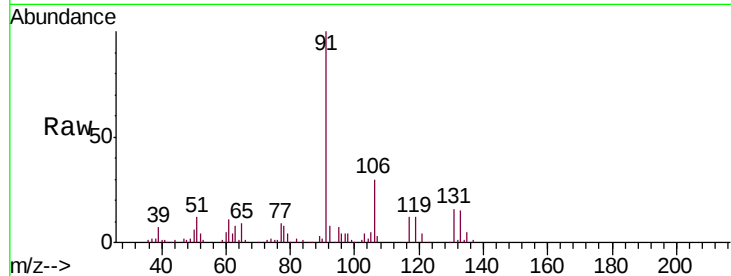




#67
Ethyl Benzene
Concen: 4.813 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

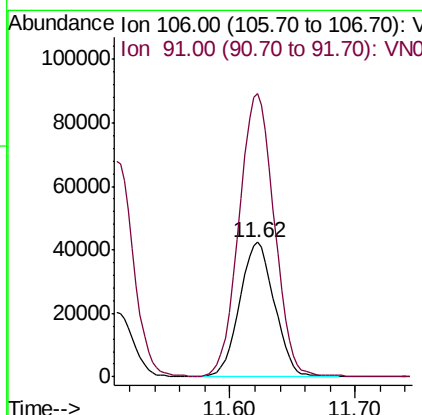
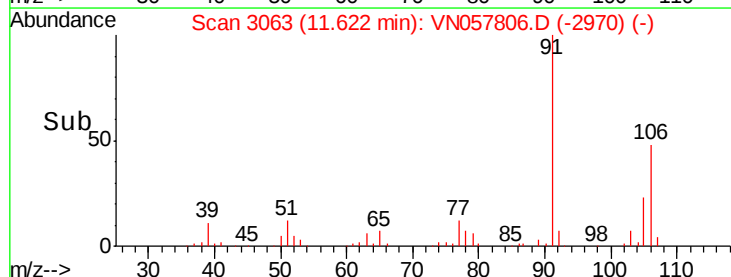
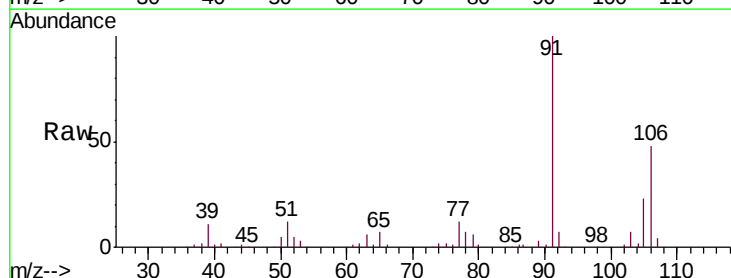
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

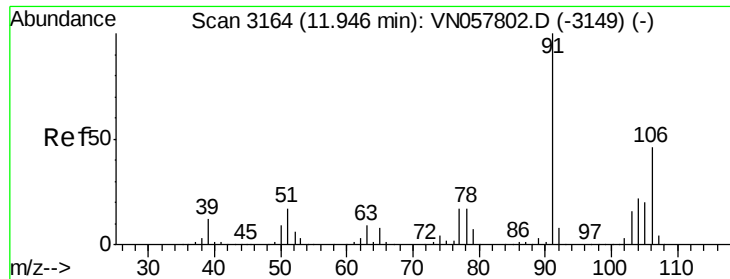
Tgt Ion: 91 Resp: 116578
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6



#68
m/p-Xylenes
Concen: 9.720 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 106 Resp: 81891
Ion Ratio Lower Upper
106 100
91 210.4 165.8 248.6

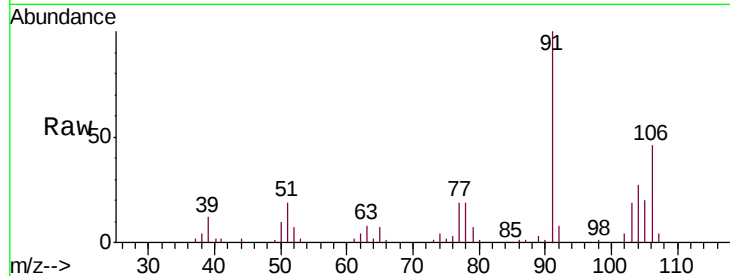




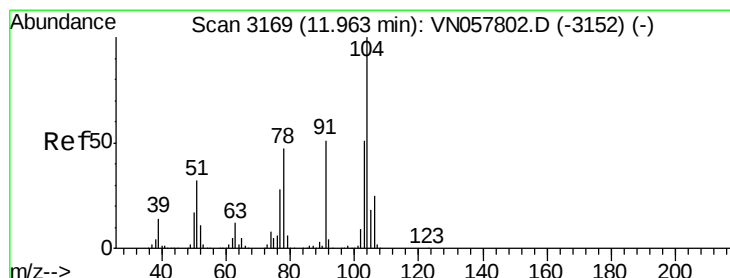
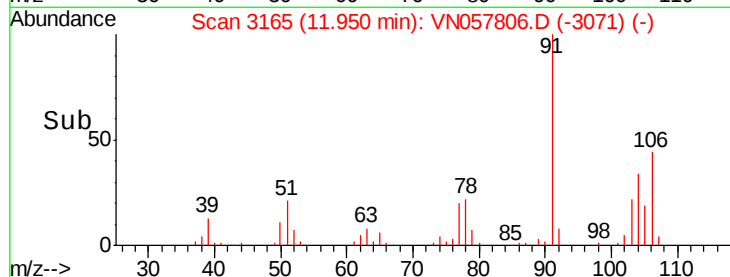
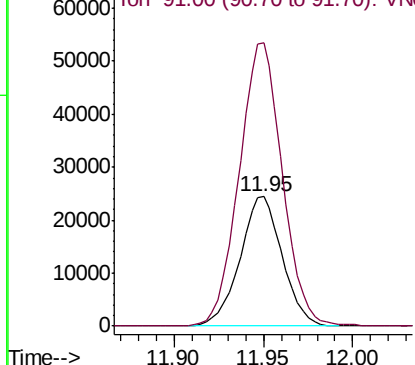
#69
o-Xylene
Concen: 4.821 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion:106 Resp: 40399
Ion Ratio Lower Upper
106 100
91 223.7 108.7 326.1

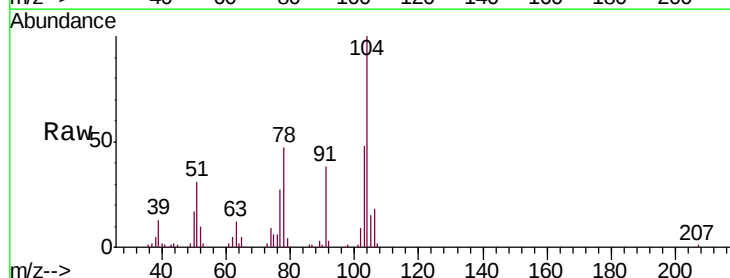


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

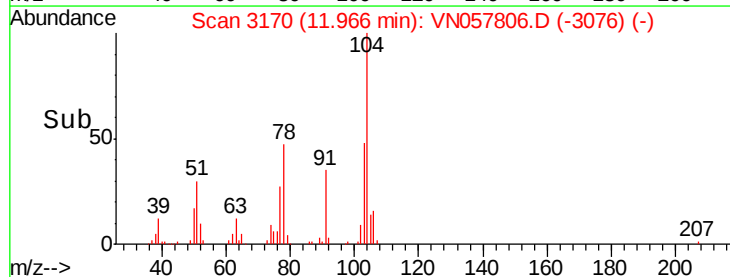
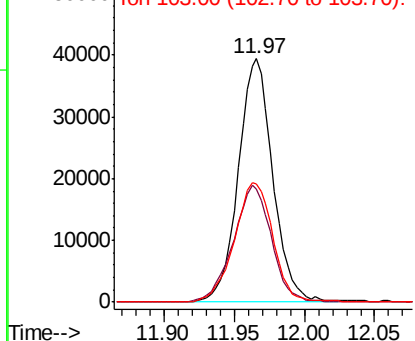


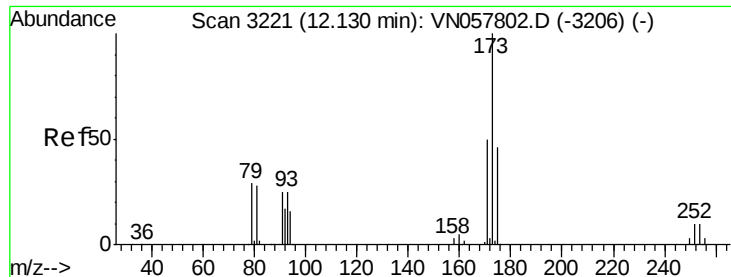
#70
Styrene
Concen: 4.650 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion:104 Resp: 67619
Ion Ratio Lower Upper
104 100
78 52.7 41.3 61.9
103 54.2 43.7 65.5



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

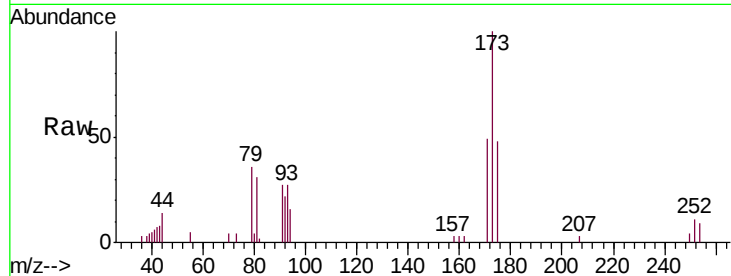




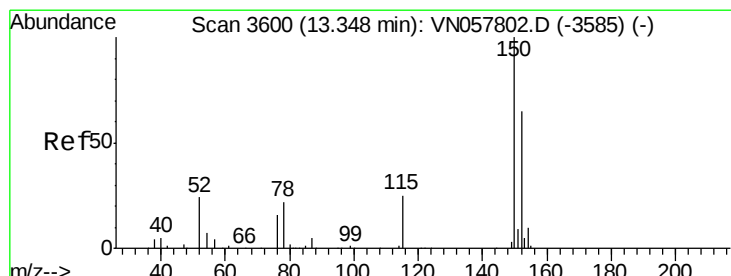
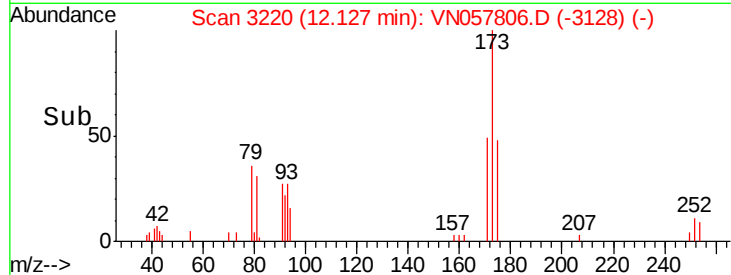
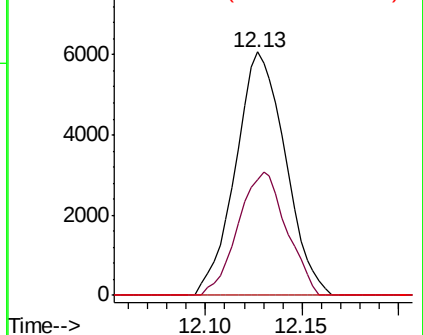
#71
Bromoform
Concen: 3.793 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 10854
Ion Ratio Lower Upper
173 100
175 49.1 23.5 70.6
254 0.0 0.1 0.1#

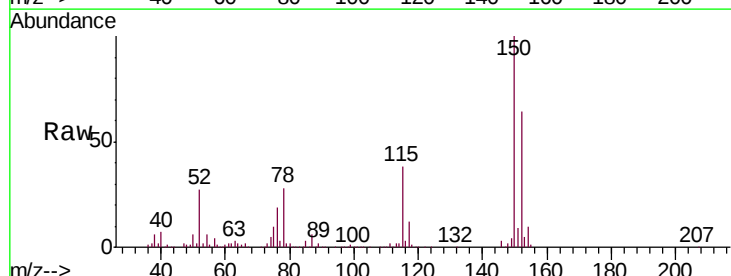


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

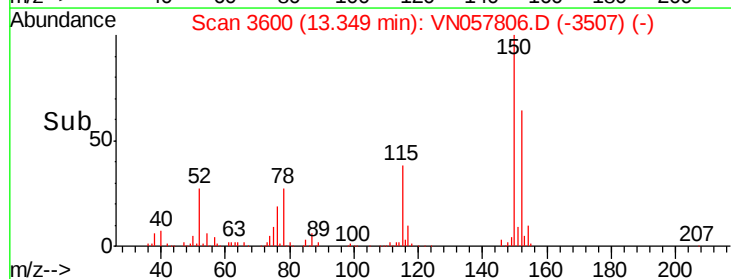
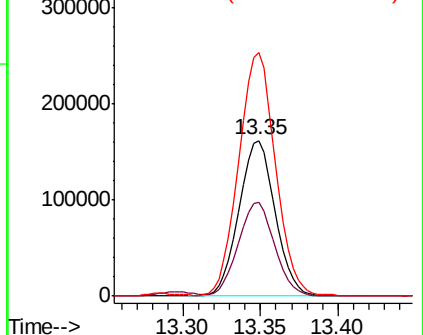


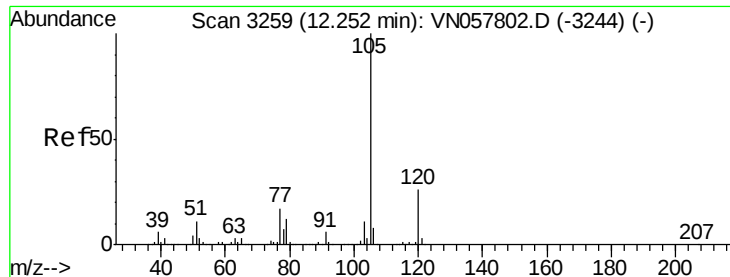
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion:152 Resp: 264668
Ion Ratio Lower Upper
152 100
115 60.2 30.3 91.0
150 157.8 0.0 352.4



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: 4.840 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

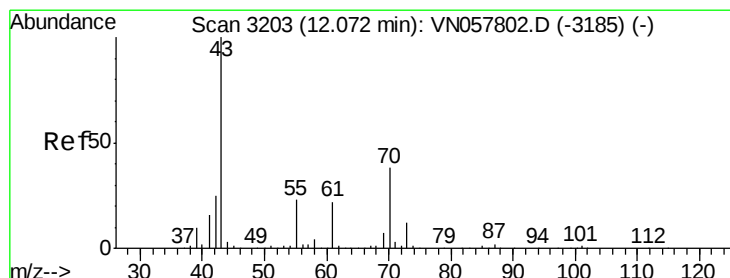
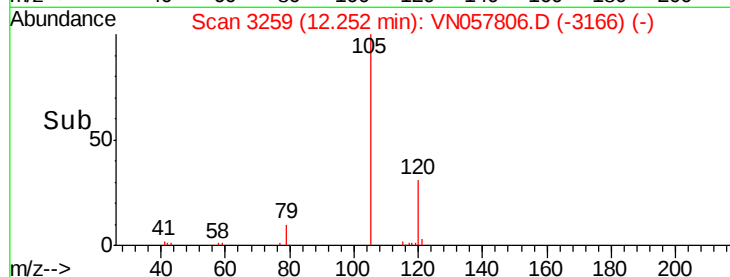
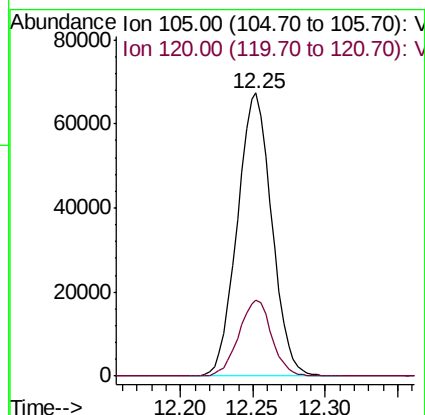
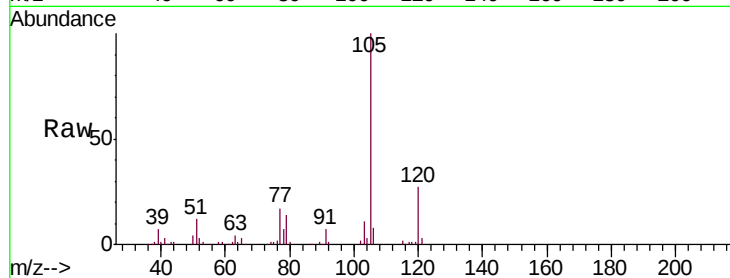
VSTDIC005

Tgt Ion:105 Resp: 111029

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



#74

N-ethyl acetate

Concen: 3.608 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Tgt Ion: 43 Resp: 40580

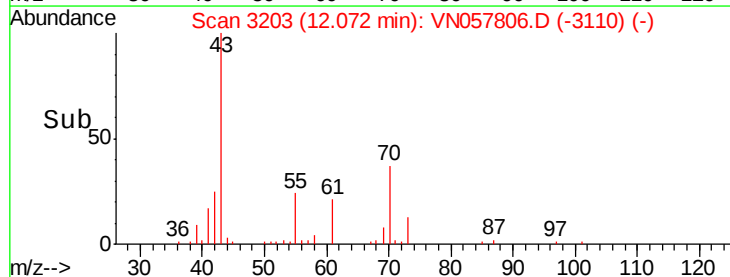
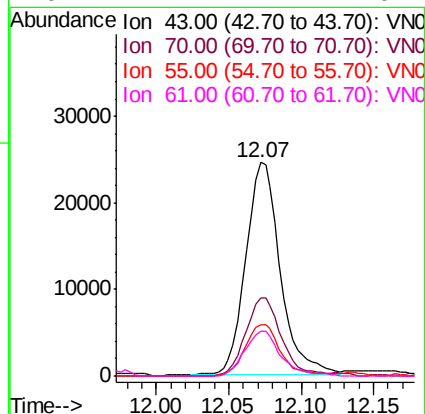
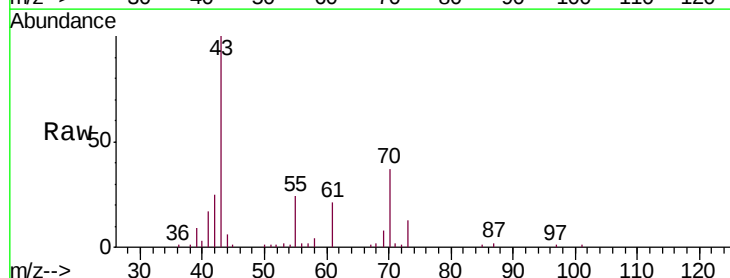
Ion Ratio Lower Upper

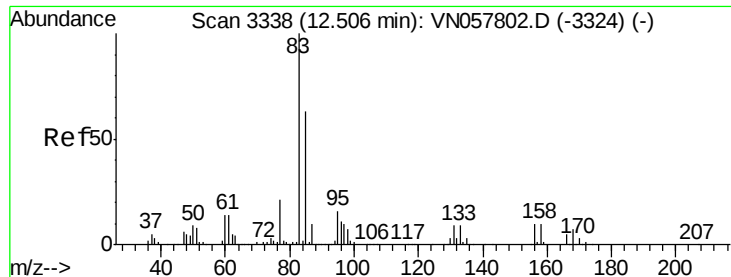
43 100

70 38.0 30.6 45.8

55 25.2 18.6 27.8

61 22.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.979 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

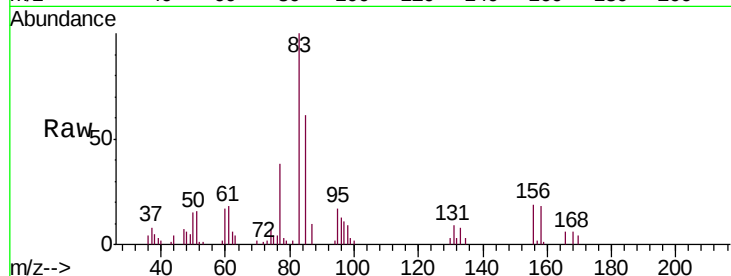
Tgt Ion: 83 Resp: 34825

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

85 61.9 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN057806.D (-3339) (-)

Ion 130.80 (130.50 to 131.50): VN057806.D (-3339) (-)

Ion 84.90 (84.60 to 85.60): VN057806.D (-3339) (-)

12.51

25000

20000

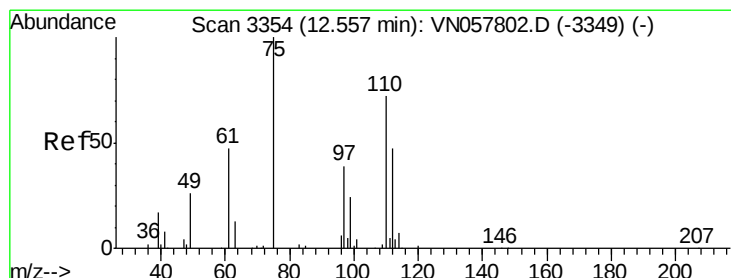
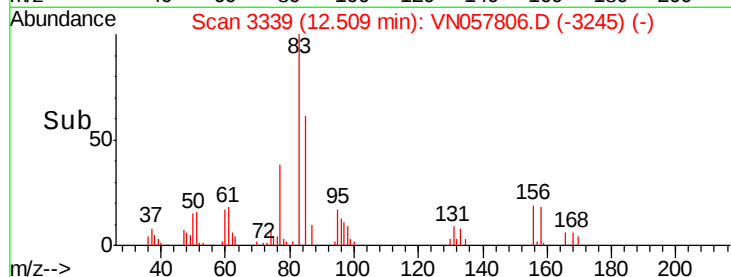
15000

10000

5000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 6.745 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057806.D

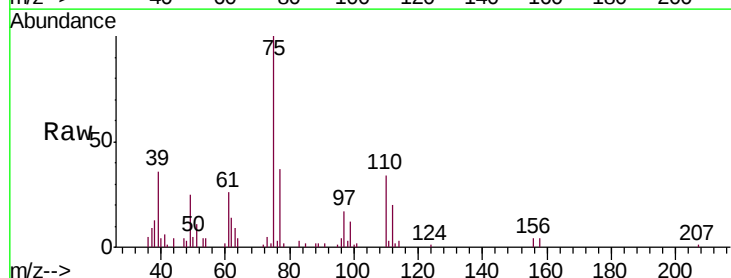
Acq: 9 Sep 2019 17:16

Tgt Ion: 75 Resp: 40697

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057806.D (-3354) (-)

Ion 77.00 (76.70 to 77.70): VN057806.D (-3354) (-)

12.56

30000

25000

20000

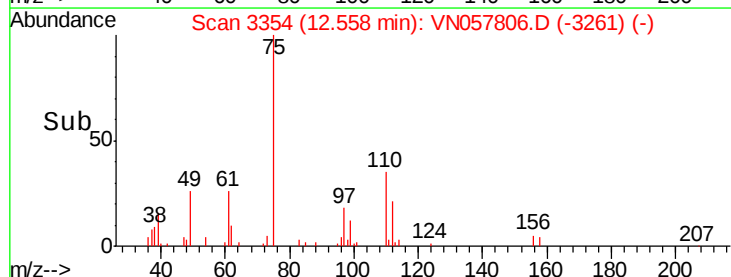
15000

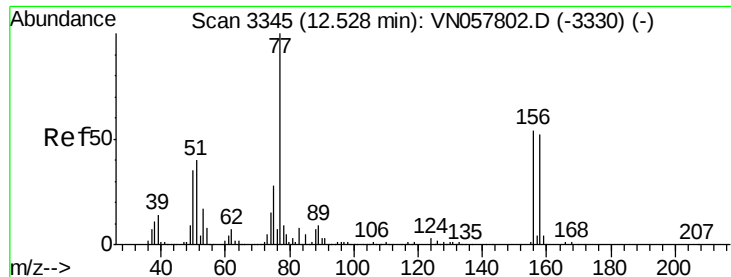
10000

5000

0

Time-->





#77

Bromobenzene

Concen: 5.282 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

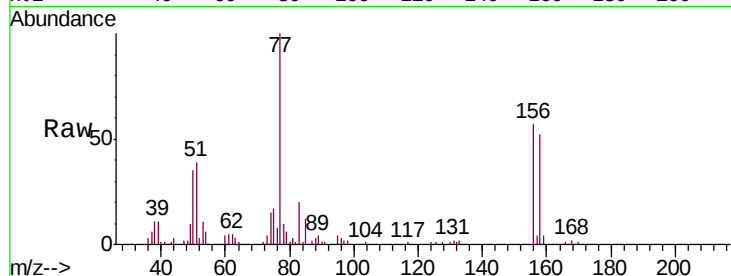
Tgt Ion:156 Resp: 26616

Ion Ratio Lower Upper

156 100

77 212.4 113.7 341.1

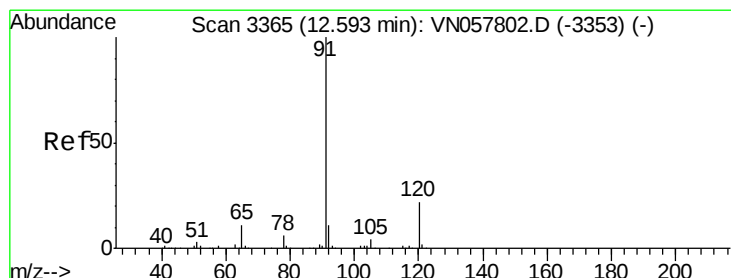
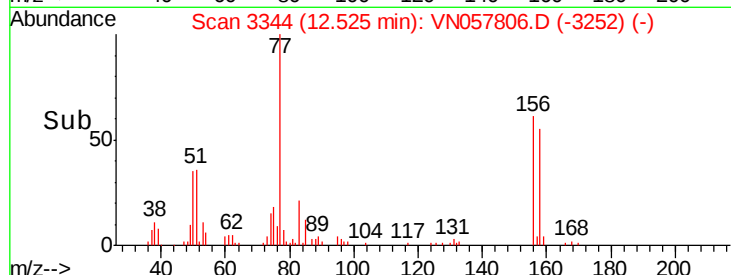
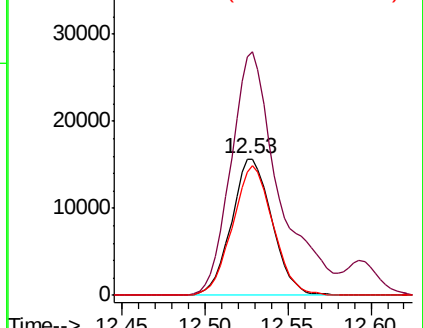
158 95.3 48.5 145.6



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: 4.654 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057806.D

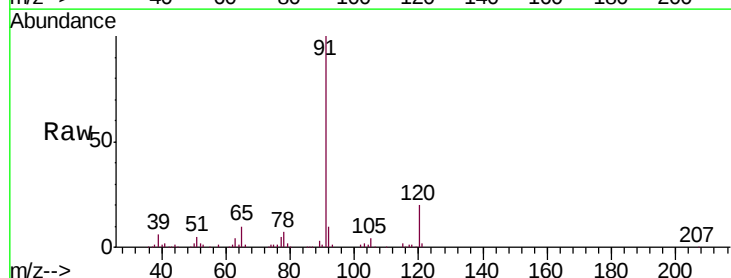
Acq: 9 Sep 2019 17:16

Tgt Ion: 91 Resp: 126171

Ion Ratio Lower Upper

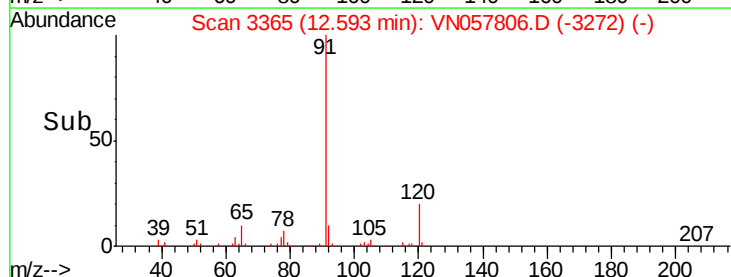
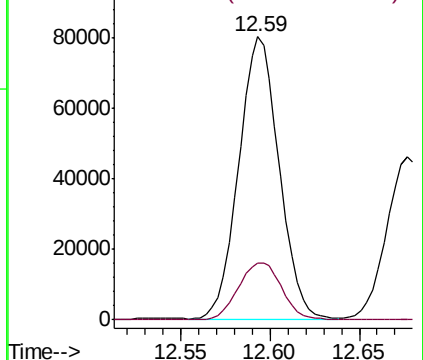
91 100

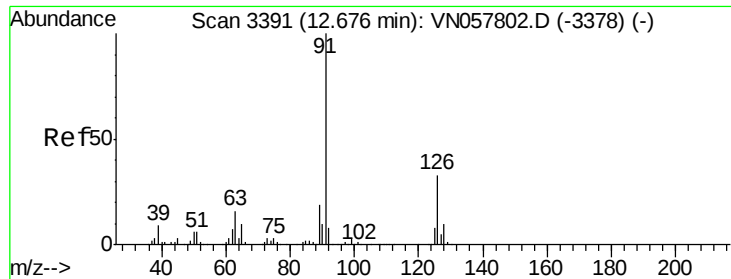
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.648 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

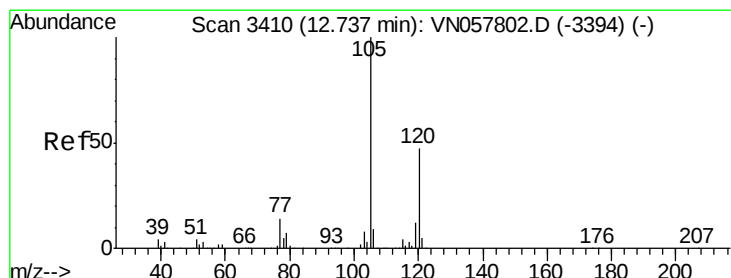
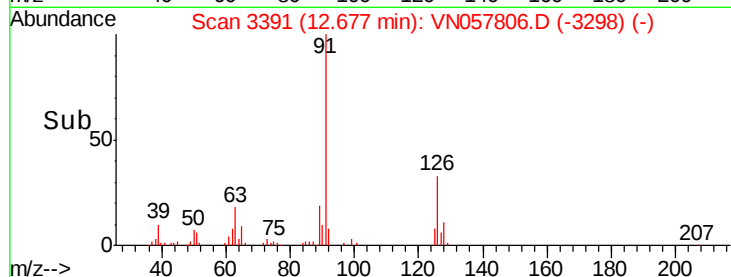
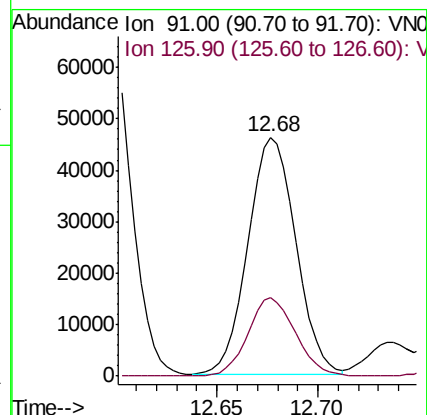
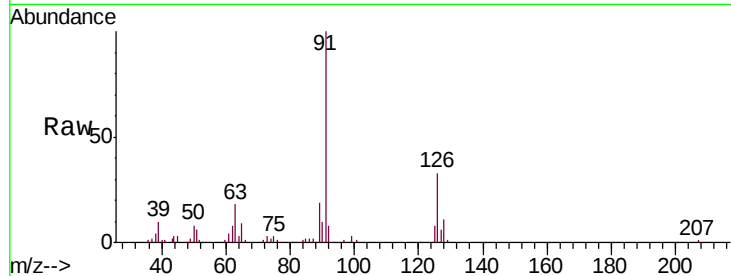
VSTDIC005

Tgt Ion: 91 Resp: 76875

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 4.612 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057806.D

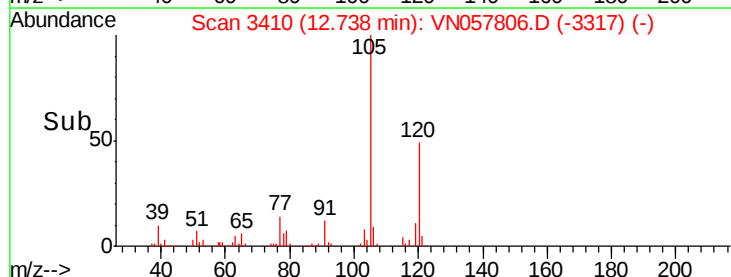
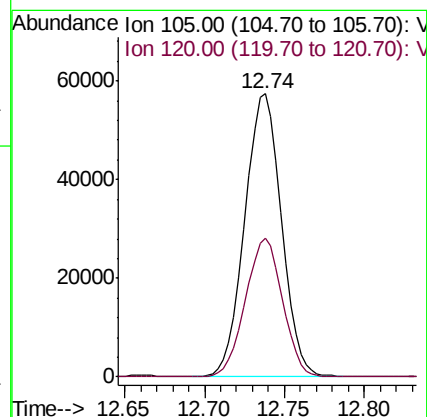
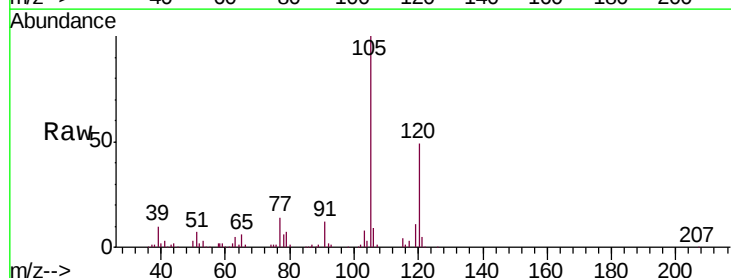
Acq: 9 Sep 2019 17:16

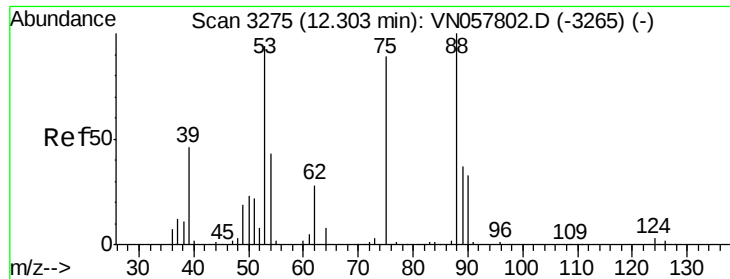
Tgt Ion: 105 Resp: 90029

Ion Ratio Lower Upper

105 100

120 49.5 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 3.252 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

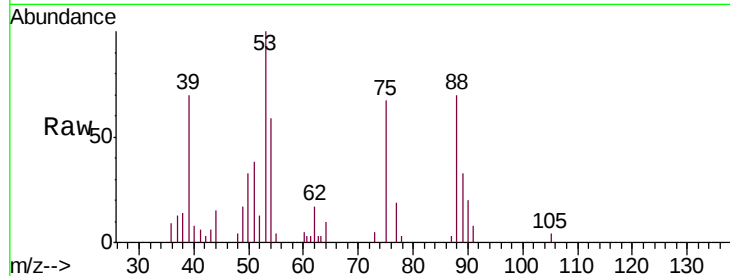
Tgt Ion: 75 Resp: 6273

Ion Ratio Lower Upper

75 100

53 150.9 88.4 132.6#

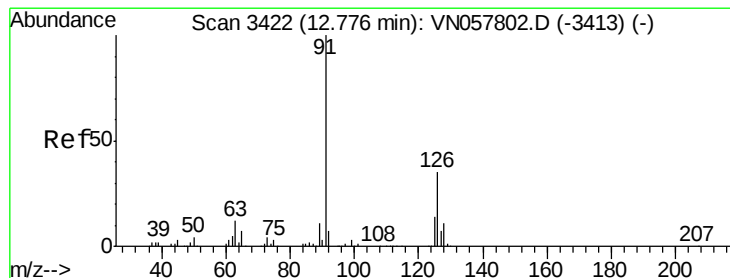
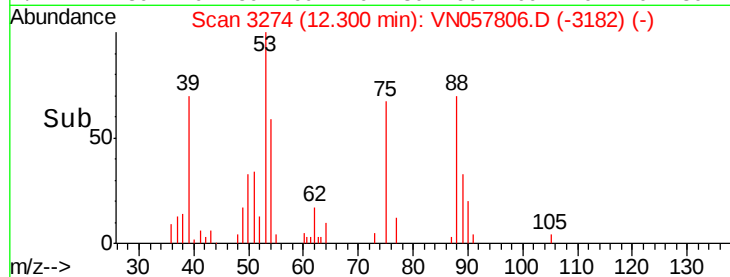
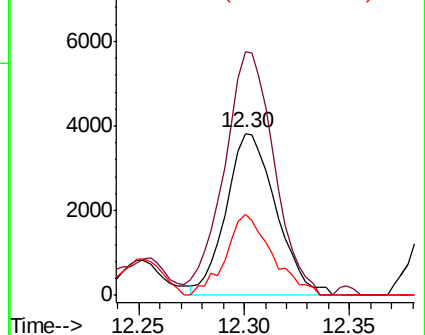
89 46.4 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN057806.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN057806.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN057806.D (-3182) (-)



#82

4-Chlorotoluene

Concen: 4.622 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057806.D

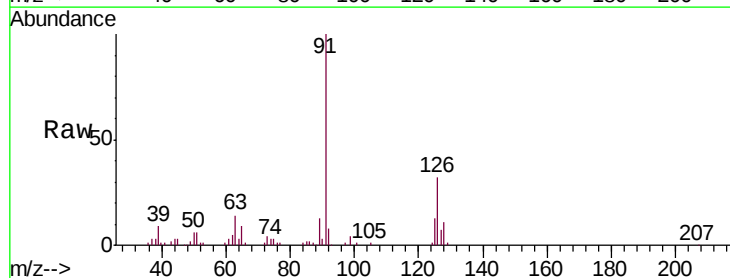
Acq: 9 Sep 2019 17:16

Tgt Ion: 91 Resp: 78926

Ion Ratio Lower Upper

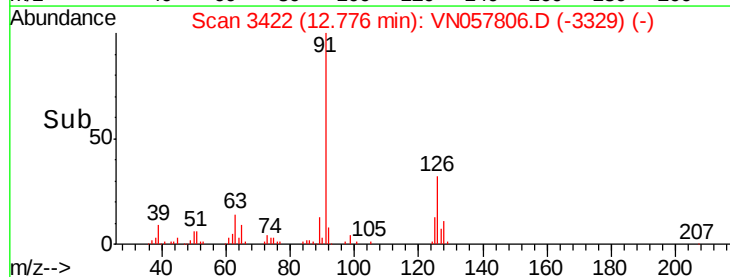
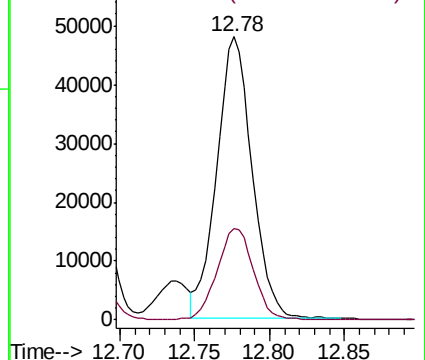
91 100

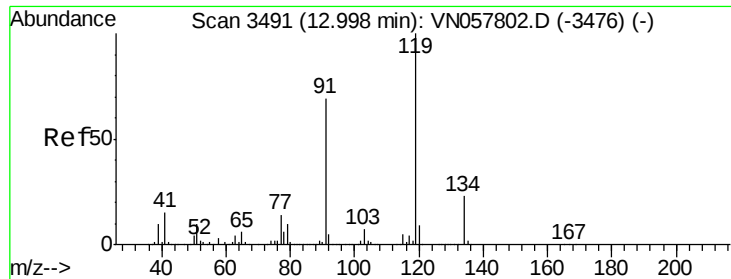
126 33.3 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN057806.D (-3329) (-)

Ion 125.90 (125.60 to 126.60): VN057806.D (-3329) (-)

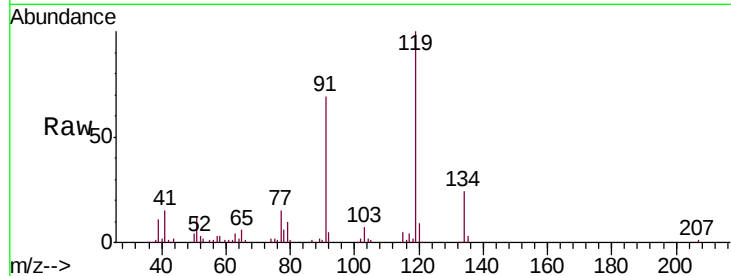




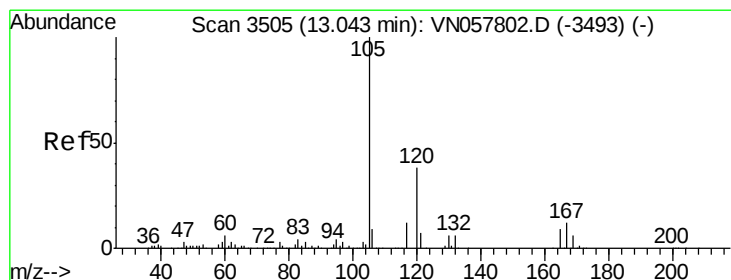
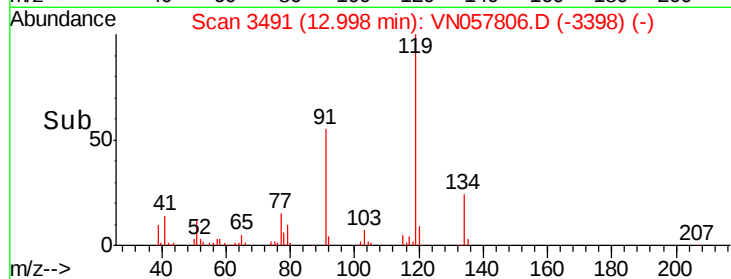
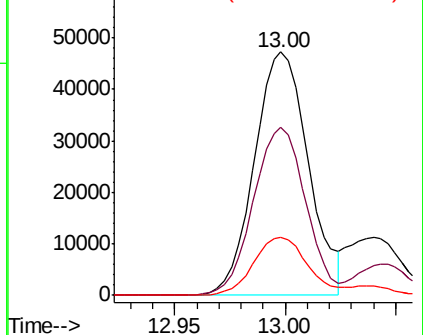
#83
 tert-Butylbenzene
 Concen: 4.826 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 80108
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.6 100.8
 134 23.9 11.7 35.0

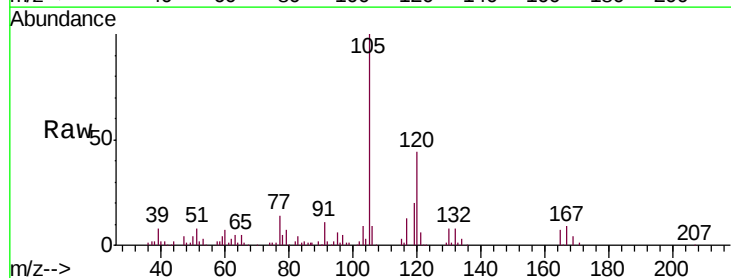


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

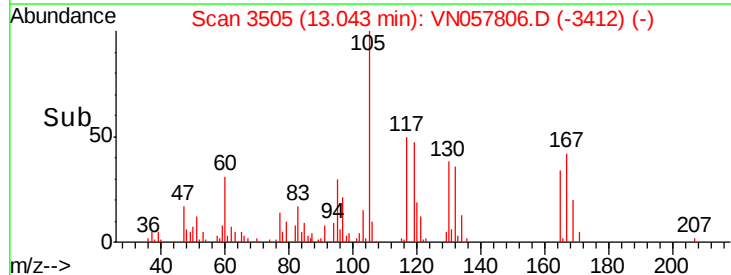
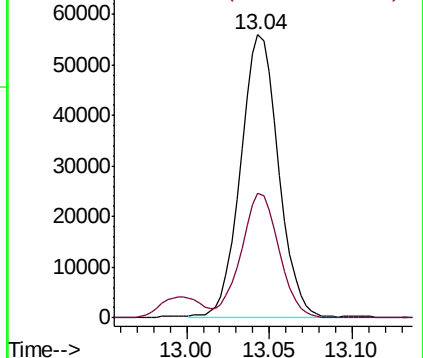


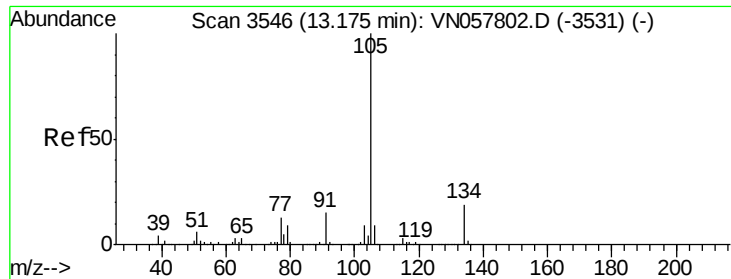
#84
 1,2,4-Trimethylbenzene
 Concen: 4.552 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion:105 Resp: 88115
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.2



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

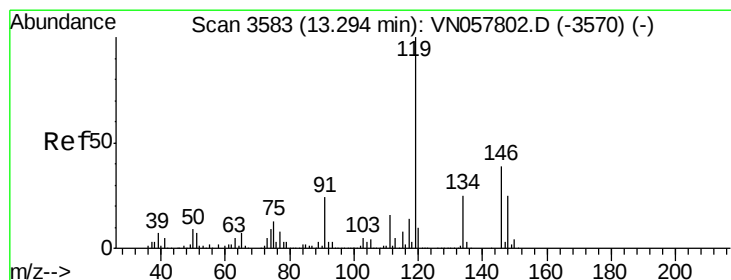
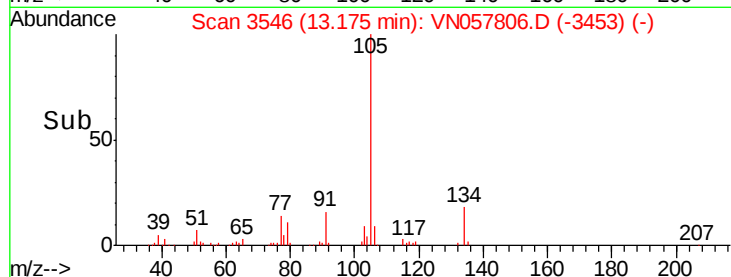
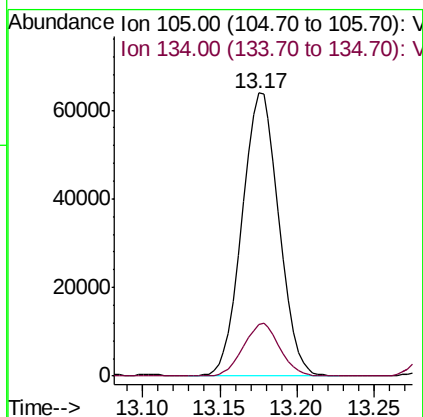
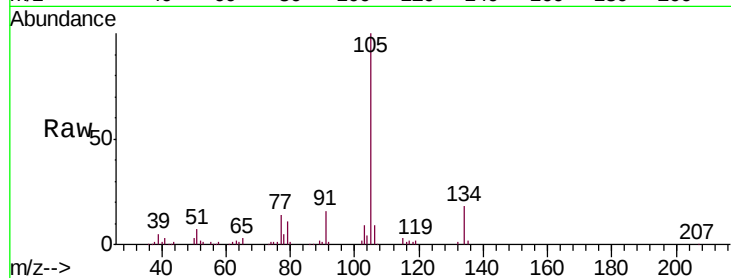




#85
 sec-Butylbenzene
 Concen: 4.652 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

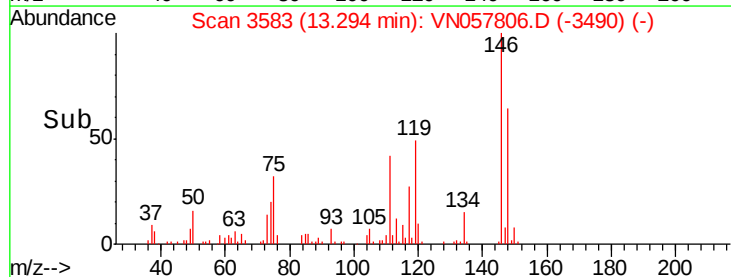
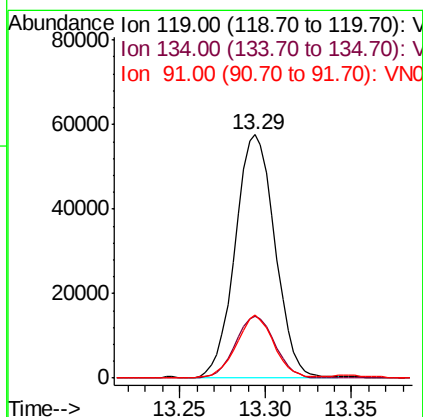
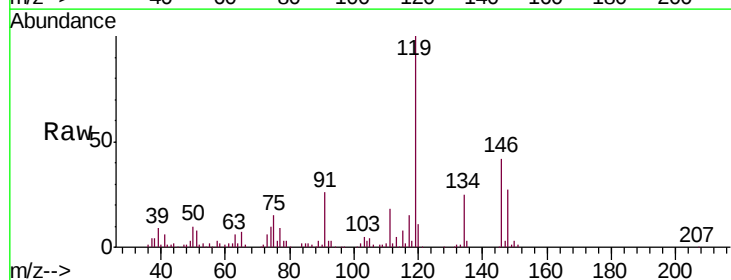
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

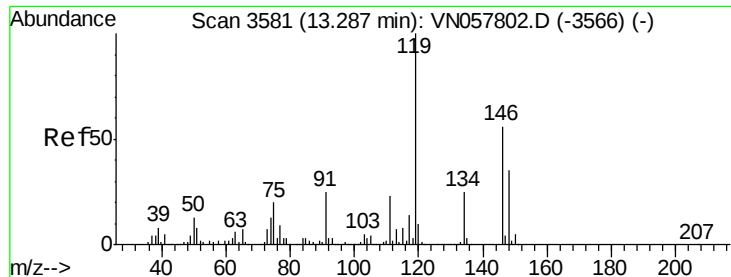
Tgt Ion:105 Resp: 105893
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 4.781 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion:119 Resp: 92873
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 24.4 12.3 36.8

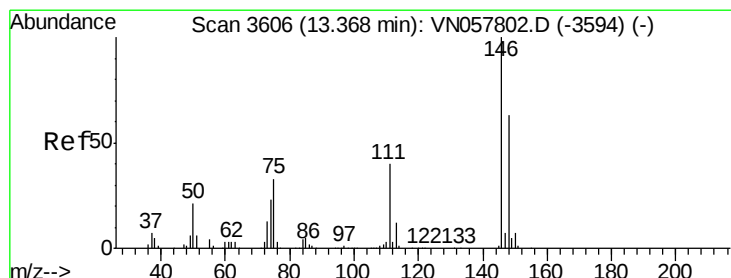
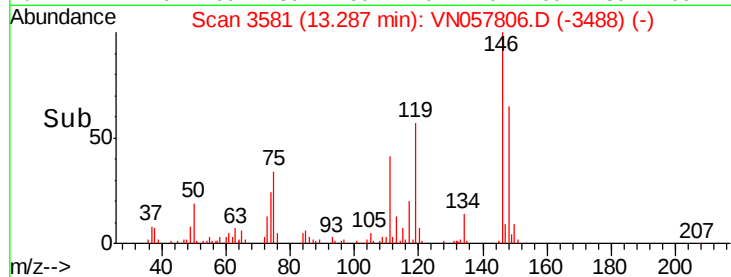
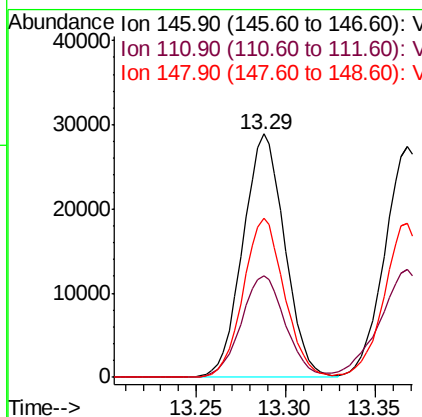
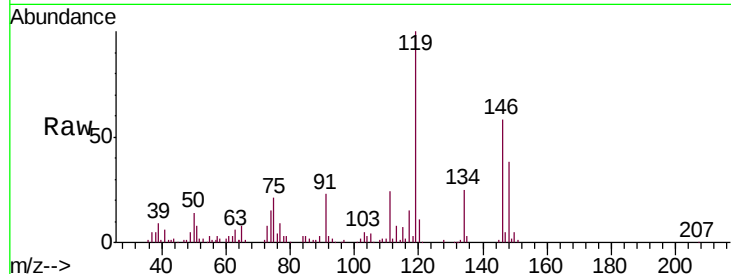




#87
 1,3-Dichlorobenzene
 Concen: 4.992 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

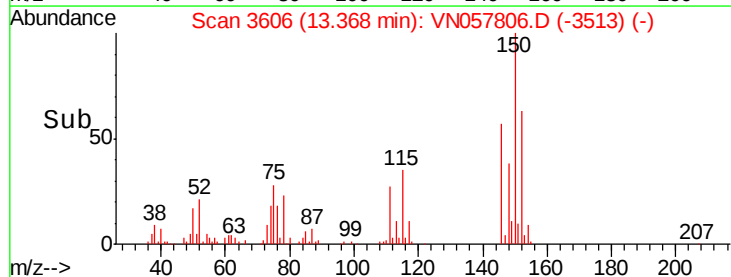
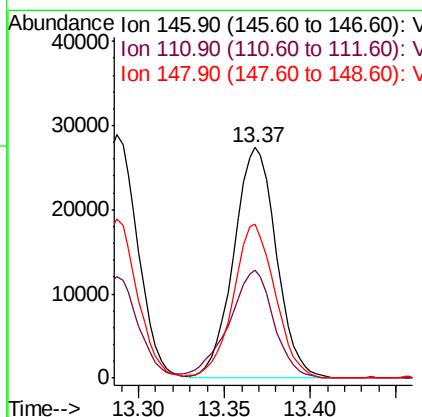
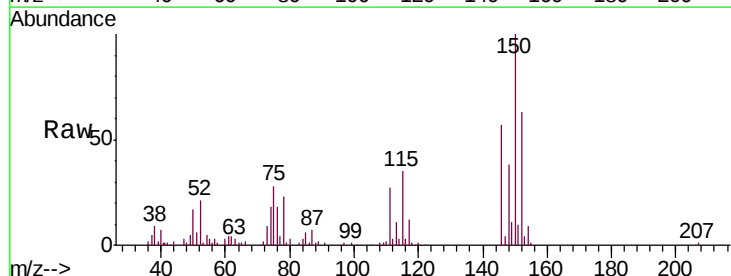
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

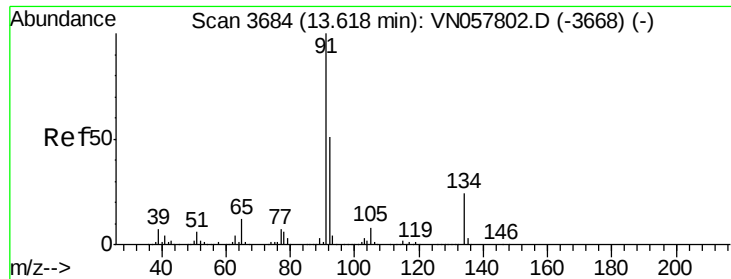
Tgt Ion:146 Resp: 47485
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.5 61.6
 148 64.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 4.970 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion:146 Resp: 47282
 Ion Ratio Lower Upper
 146 100
 111 49.8 20.4 61.2
 148 65.8 31.8 95.4

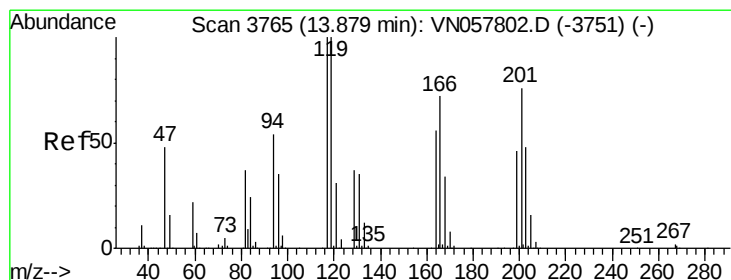
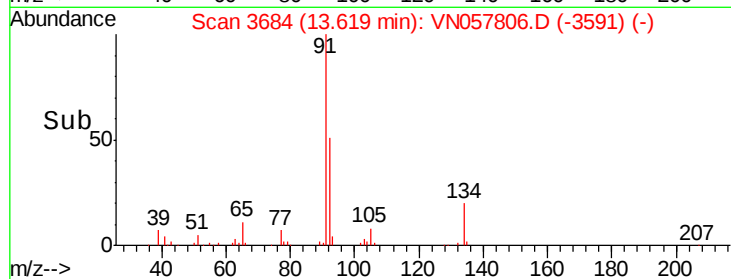
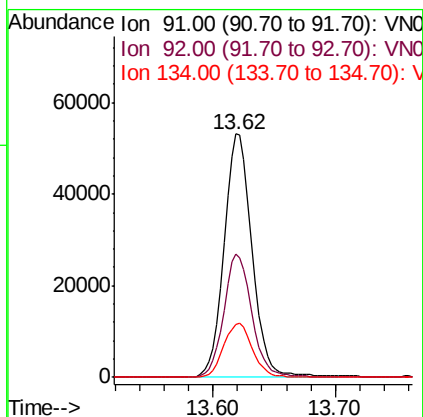
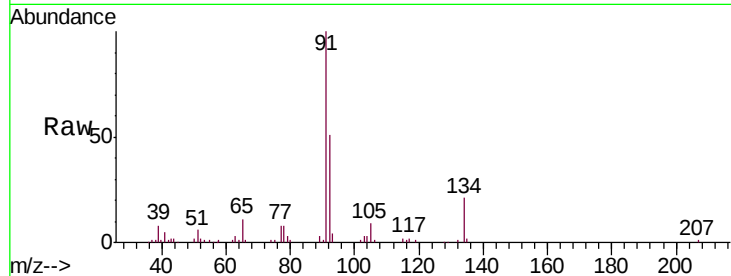




#89
n-Butylbenzene
Concen: 4.504 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

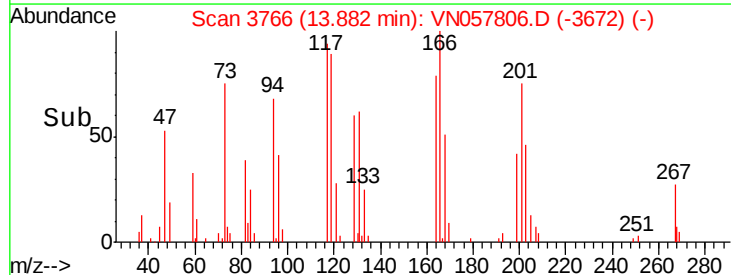
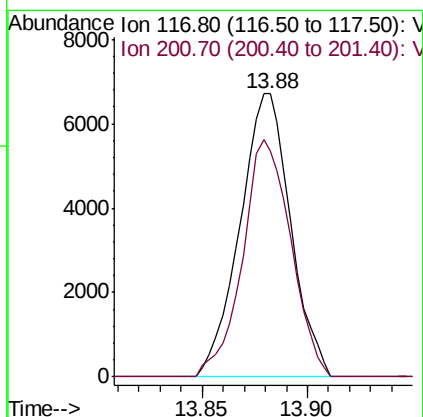
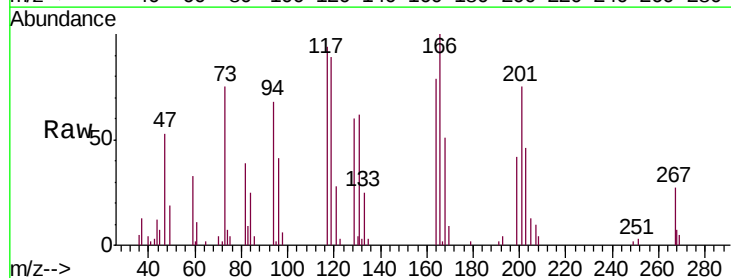
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

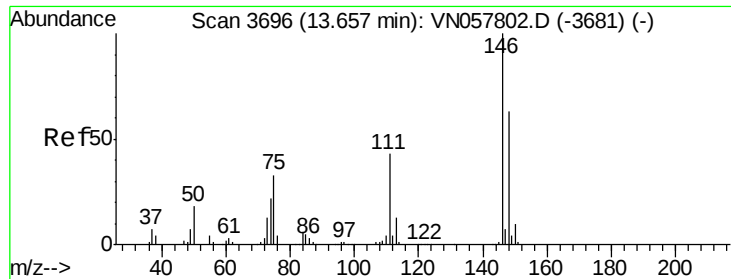
Tgt Ion: 91 Resp: 85766
Ion Ratio Lower Upper
91 100
92 50.7 25.7 77.0
134 22.8 11.9 35.7



#90
Hexachloroethane
Concen: 3.739 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN057806.D
Acq: 9 Sep 2019 17:16

Tgt Ion: 117 Resp: 11216
Ion Ratio Lower Upper
117 100
201 79.9 37.5 112.7

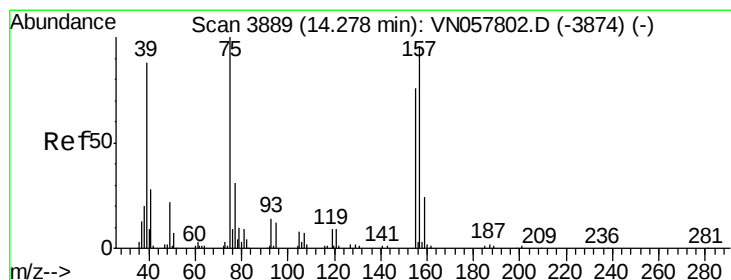
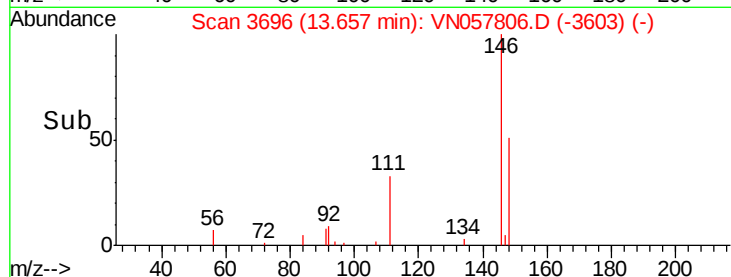
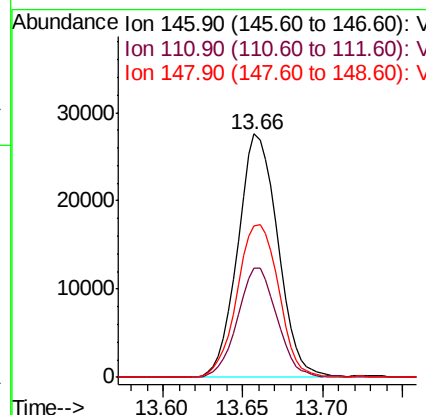
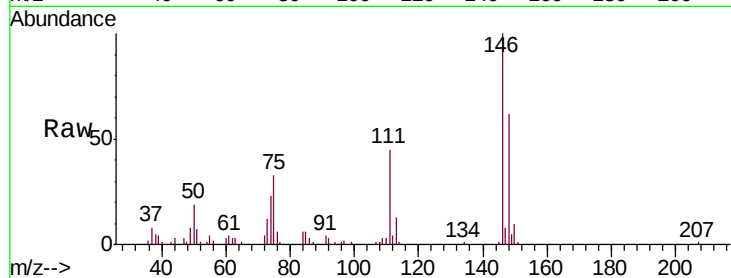




#91
 1,2-Dichlorobenzene
 Concen: 5.026 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

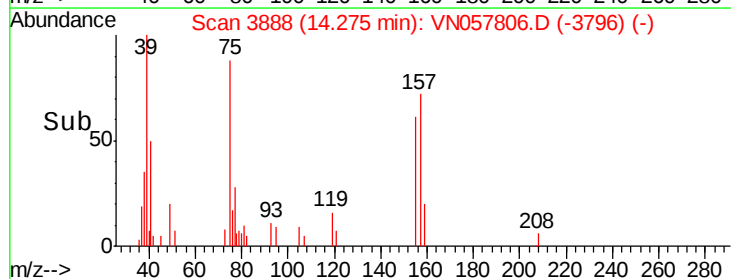
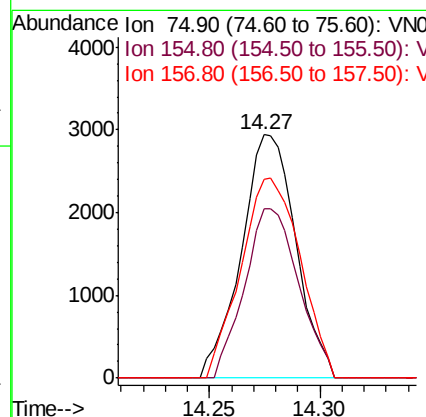
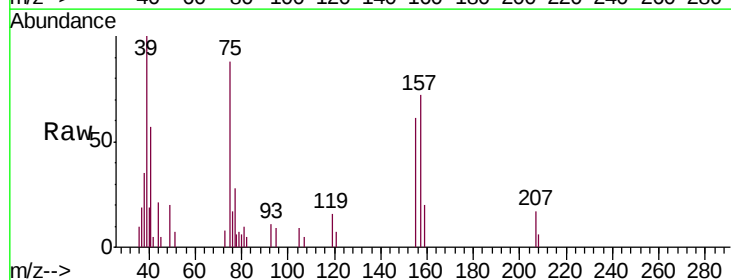
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

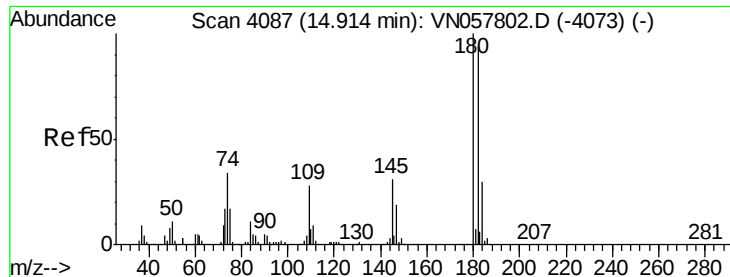
Tgt Ion: 146 Resp: 47008
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.3 63.9
 148 65.2 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.761 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion: 75 Resp: 5040
 Ion Ratio Lower Upper
 75 100
 155 69.0 37.3 111.8
 157 89.4 47.9 143.8

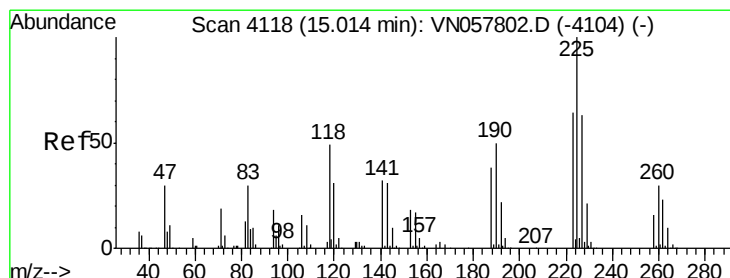
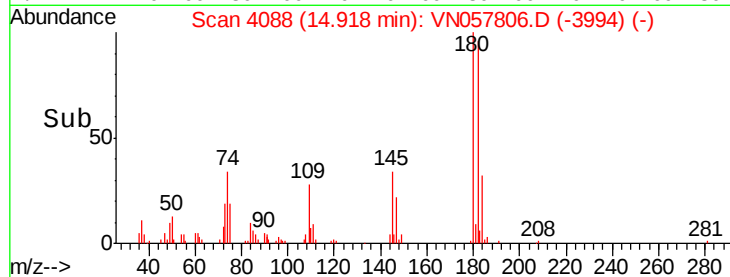
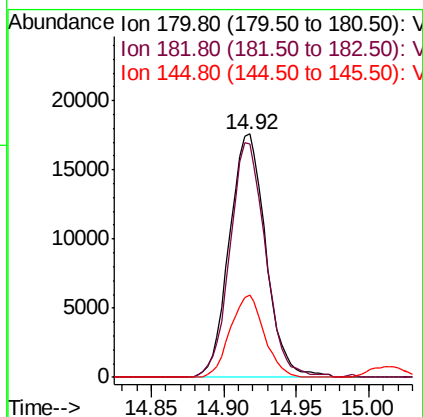
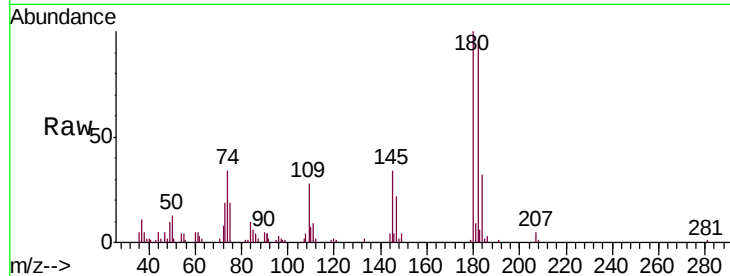




#93
 1,2,4-Trichlorobenzene
 Concen: 5.497 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

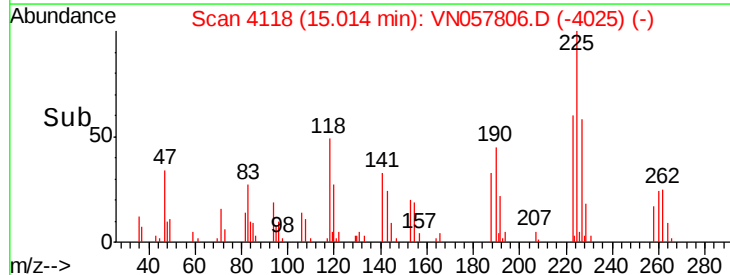
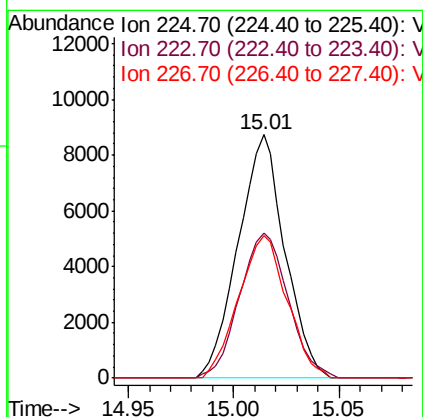
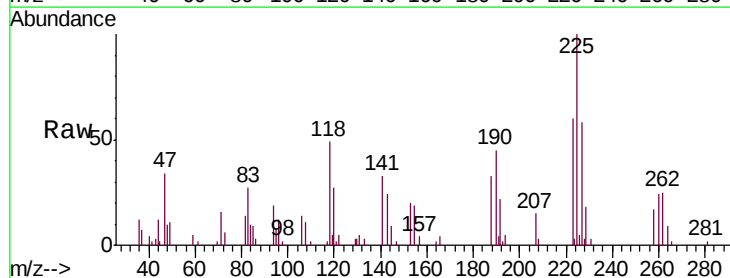
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

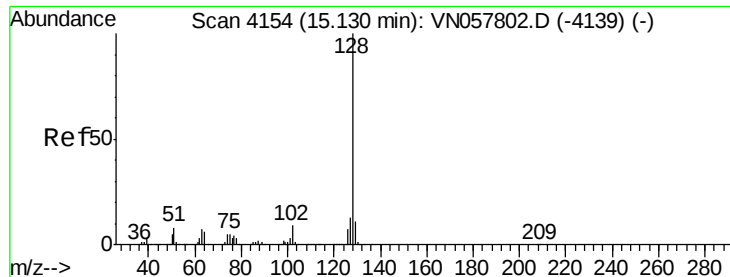
Tgt Ion:180 Resp: 30706
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.9 140.8
 145 31.4 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 5.023 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057806.D
 Acq: 9 Sep 2019 17:16

Tgt Ion:225 Resp: 13444
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.4 97.2
 227 60.9 31.8 95.4





#95

Naphthalene

Concen: 5.507 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

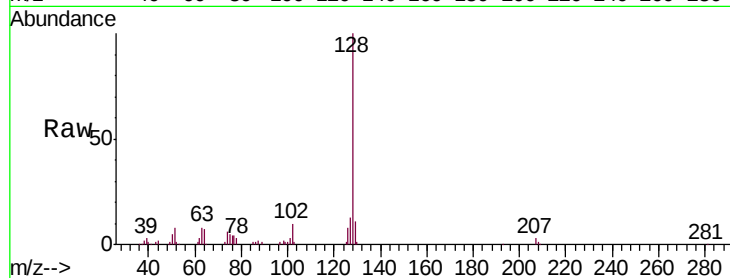
Tgt Ion:128 Resp: 89347

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

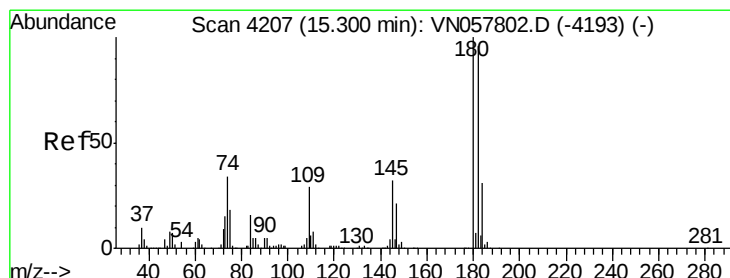
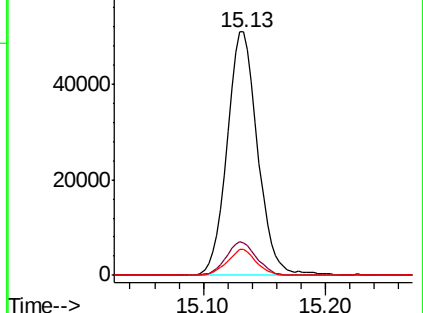
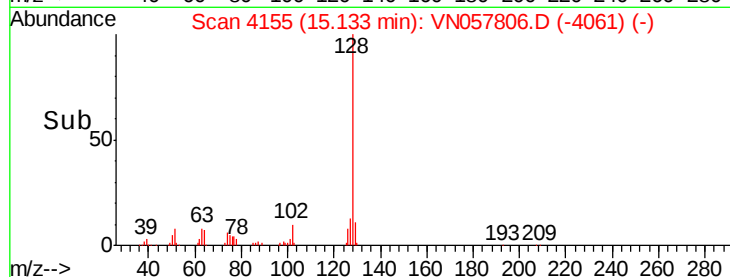
129 10.0 8.6 12.8



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: 5.506 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057806.D

Acq: 9 Sep 2019 17:16

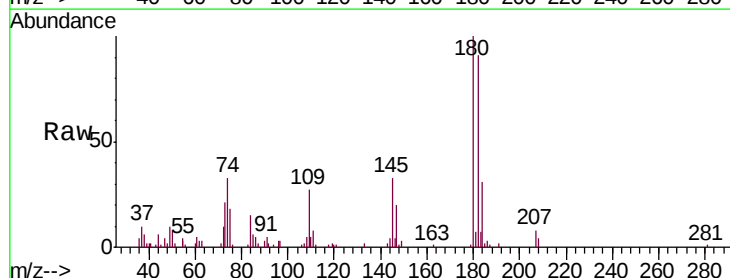
Tgt Ion:180 Resp: 29396

Ion Ratio Lower Upper

180 100

182 92.3 48.3 144.8

145 33.5 16.3 48.8



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

