

Data File : VN057799.D
Acq On : 9 Sep 2019 14:42
Operator : JC/SP
Sample : VSTDIC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Quant Time: Sep 10 02:29:51 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	335950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	541925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	8383	1.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.12%	
35) Dibromofluoromethane	7.58	113	5961	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	
50) Toluene-d8	10.08	98	19480	1.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.10%	
62) 4-Bromofluorobenzene	12.40	95	8241	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	4925	0.943	ug/l	92
3) Chloromethane	2.03	50	6362	0.705	ug/l #	79
4) Vinyl Chloride	2.16	62	6219	1.336	ug/l	90
5) Bromomethane	2.55	94	5660	2.488	ug/l	97
6) Chloroethane	2.68	64	4362	1.569	ug/l	97
7) Trichlorofluoromethane	2.99	101	8616	1.197	ug/l	90
8) Diethyl Ether	3.39	74	3328	1.160	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4630	1.026	ug/l #	46
10) Methyl Iodide	3.92	142	5008	1.104	ug/l #	91
11) Tert butyl alcohol	4.76	59	1639	1.776	ug/l	100
12) 1,1-Dichloroethene	3.71	96	4575	1.133	ug/l	97
13) Acrolein	3.59	56	4514	9.073	ug/l	95
14) Allyl chloride	4.30	41	9121	1.011	ug/l #	92
15) Acrylonitrile	4.97	53	6124	2.598	ug/l #	39
16) Acetone	3.80	43	13211	5.316	ug/l	97
17) Carbon Disulfide	4.02	76	9747	1.114	ug/l #	93
18) Methyl Acetate	4.31	43	6954	1.034	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	16765	0.982	ug/l	100
20) Methylene Chloride	4.52	84	2735	0.516	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	4860	1.144	ug/l	88
22) Diisopropyl ether	5.93	45	17771	0.907	ug/l	95
23) Vinyl Acetate	5.88	43	63760	4.114	ug/l	99
24) 1,1-Dichloroethane	5.82	63	10825	1.073	ug/l #	95
25) 2-Butanone	6.82	43	18007	5.075	ug/l	97
26) 2,2-Dichloropropane	6.81	77	7861	0.944	ug/l	94
27) cis-1,2-Dichloroethene	6.81	96	6204	1.142	ug/l	92
28) Bromochloromethane	7.17	49	4968	0.931	ug/l #	95
29) Tetrahydrofuran	7.20	42	11753	5.176	ug/l	96
30) Chloroform	7.36	83	11384	1.082	ug/l	98
31) Cyclohexane	7.64	56	17411	1.997	ug/l #	53
32) 1,1,1-Trichloroethane	7.55	97	8631	0.994	ug/l #	39
36) 1,1-Dichloropropene	7.78	75	8069	1.150	ug/l #	92
37) Ethyl Acetate	6.92	43	6232	0.896	ug/l #	91
38) Carbon Tetrachloride	7.75	117	6134	0.921	ug/l	85

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	7863	1.067	ug/l	93
40) Benzene	8.03	78	22329	1.113	ug/l	96
41) Methacrylonitrile	7.16	41	3073	0.902	ug/l #	54
42) 1,2-Dichloroethane	8.11	62	8914	0.970	ug/l	85
43) Isopropyl Acetate	8.16	43	11922	0.897	ug/l #	90
44) Trichloroethene	8.83	130	5532	1.220	ug/l	94
45) 1,2-Dichloropropane	9.11	63	6348	1.127	ug/l	98
46) Dibromomethane	9.21	93	3745	1.046	ug/l	98
47) Bromodichloromethane	9.40	83	6699	0.882	ug/l #	97
48) Methyl methacrylate	9.19	41	6735	0.986	ug/l	92
49) 1,4-Dioxane	9.19	88	2109	25.353	ug/l	88
51) 4-Methyl-2-Pentanone	9.98	43	37752	5.050	ug/l	96
52) Toluene	10.15	92	13561	1.108	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	6436	0.839	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	7421	0.893	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	5485	1.098	ug/l	96
56) Ethyl methacrylate	10.43	69	7624	0.964	ug/l #	88
57) 1,3-Dichloropropane	10.70	76	9539	1.068	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.69	63	18134	4.515	ug/l	97
59) 2-Hexanone	10.75	43	27518	5.176	ug/l	97
60) Dibromochloromethane	10.90	129	4250	0.883	ug/l	100
61) 1,2-Dibromoethane	11.00	107	5001	1.051	ug/l	97
64) Tetrachloroethene	10.63	164	4633	1.231	ug/l	94
65) Chlorobenzene	11.43	112	15667	1.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	4682	1.051	ug/l #	62
67) Ethyl Benzene	11.51	91	27673	1.140	ug/l	93
68) m/p-Xylenes	11.62	106	18019	2.133	ug/l	97
69) o-Xylene	11.95	106	8769	1.044	ug/l	91
70) Styrene	11.96	104	14346	0.984	ug/l	95
71) Bromoform	12.13	173	2253	0.785	ug/l #	65
73) Isopropylbenzene	12.25	105	22793	1.047	ug/l	97
74) N-amyl acetate	12.07	43	8013	0.751	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	7921	1.193	ug/l	92
76) 1,2,3-Trichloropropane	12.55	75	8889	1.552	ug/l #	100
77) Bromobenzene	12.53	156	6025	1.260	ug/l	90
78) n-propylbenzene	12.60	91	26970	1.048	ug/l	97
79) 2-Chlorotoluene	12.68	91	17473	1.113	ug/l	94
80) 1,3,5-Trimethylbenzene	12.74	105	18340	0.990	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	1203	0.657	ug/l #	67
82) 4-Chlorotoluene	12.78	91	17040	1.051	ug/l	100
83) tert-Butylbenzene	13.00	119	16553	1.051	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	20107	1.094	ug/l	96
85) sec-Butylbenzene	13.18	105	22673	1.049	ug/l	99
86) p-Isopropyltoluene	13.29	119	18517	1.004	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	10092	1.118	ug/l	92
88) 1,4-Dichlorobenzene	13.29	146	10092	1.118	ug/l	92
89) n-Butylbenzene	13.62	91	17601	0.974	ug/l	95
90) Hexachloroethane	13.88	117	2299	0.807	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	10680	1.203	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1050	0.825	ug/l	92

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

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VSTDICC001

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	7825	1.476	ug/l	100
94) Hexachlorobutadiene	15.02	225	2926	1.152	ug/l	95
95) Naphthalene	15.13	128	24356	1.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	8401	1.658	ug/l	95

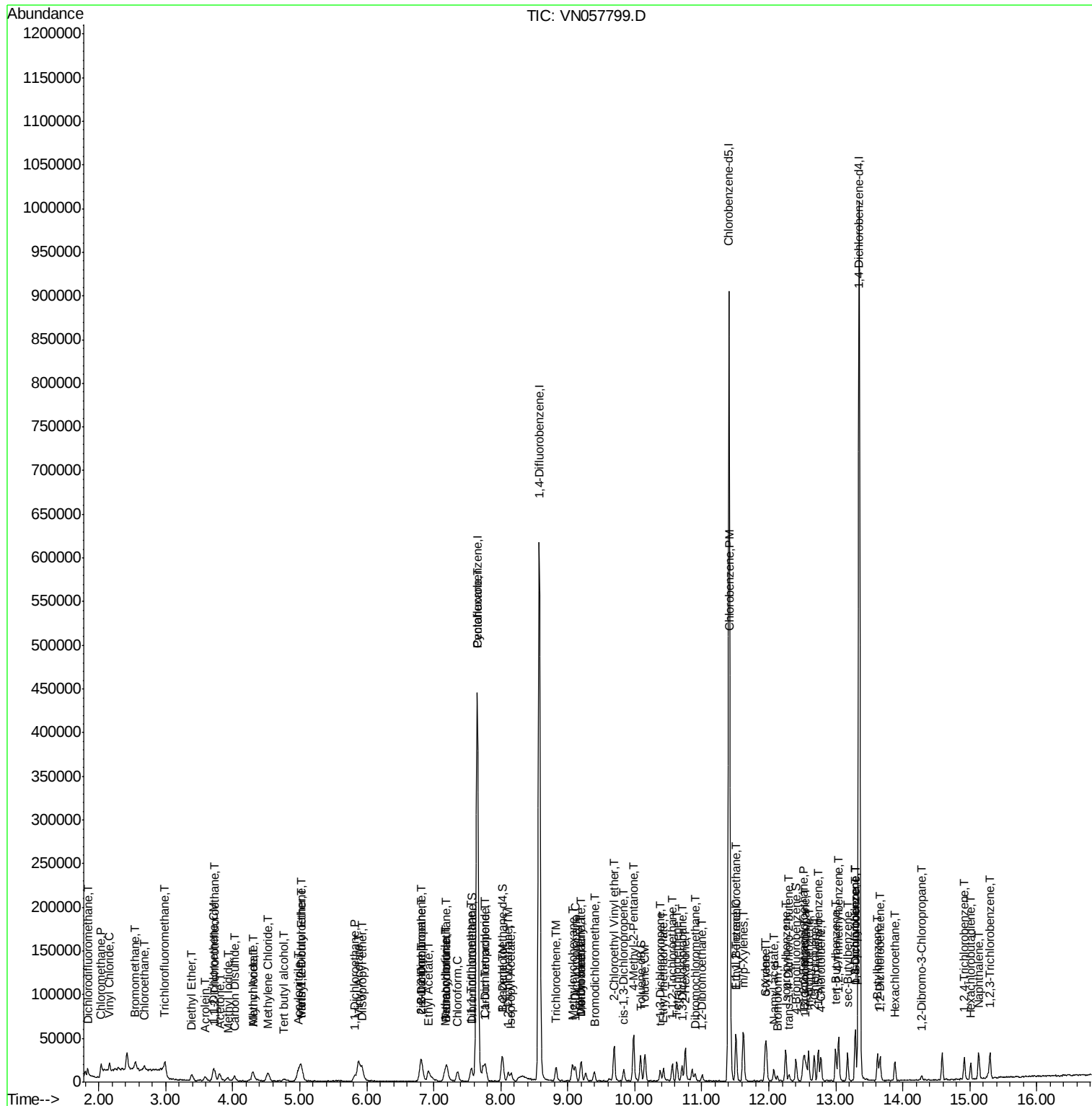
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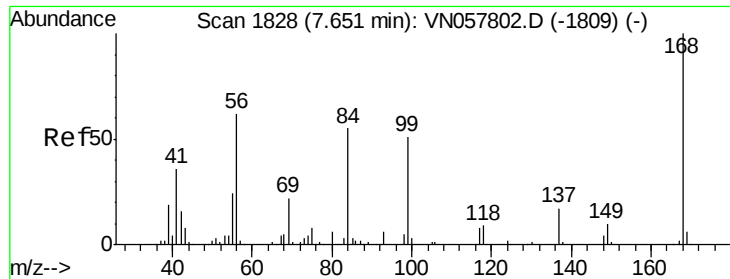
Data File : VN057799.D

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Acq On       : 9 Sep 2019 14:42
Operator     : JC/SP
Sample       : VSTDIC001
Misc        : 5.00mL/MSV0A_N/WATER
ALS Vial     : 2      Sample Multiplier: 1
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Sep 10 02:29:51 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

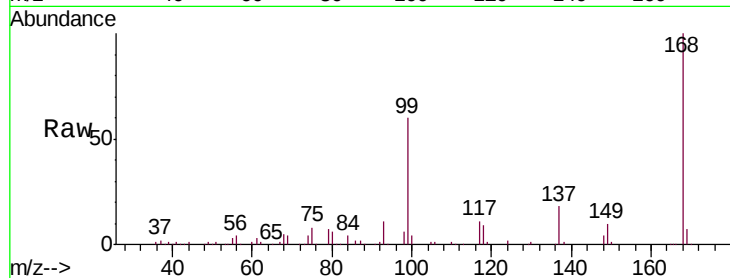
VSTDIC001

Tgt Ion:168 Resp: 335950

Ion Ratio Lower Upper

168 100

99 59.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

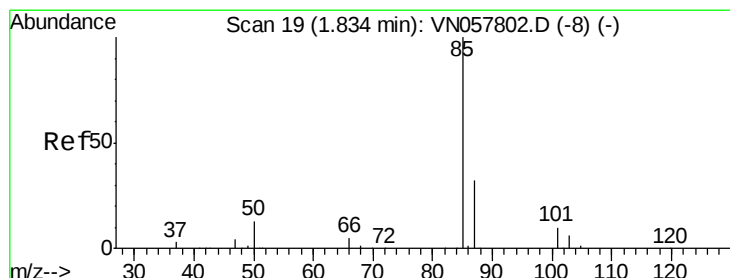
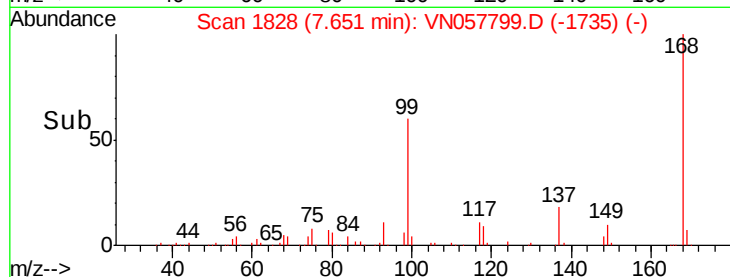
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.943 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057799.D

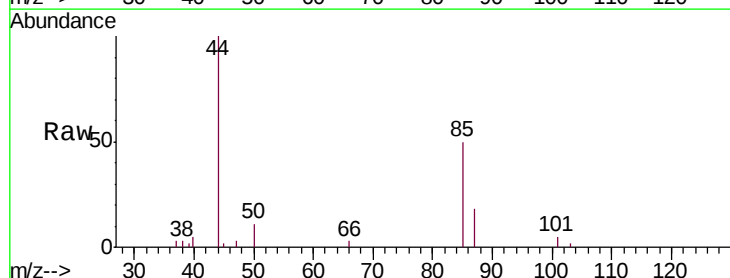
Acq: 9 Sep 2019 14:42

Tgt Ion: 85 Resp: 4925

Ion Ratio Lower Upper

85 100

87 36.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

4000

3000

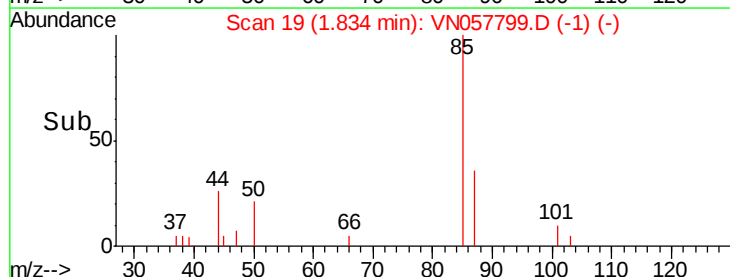
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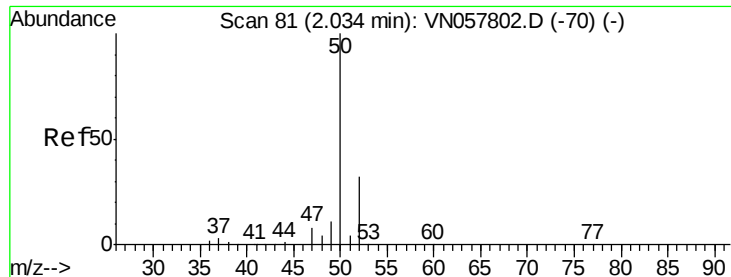
1000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 0.705 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

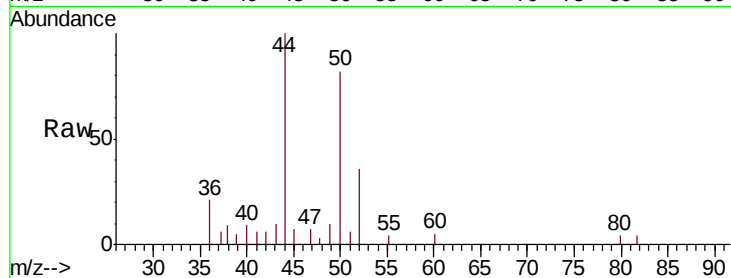
VSTDIC001

Tgt Ion: 50 Resp: 6362

Ion Ratio Lower Upper

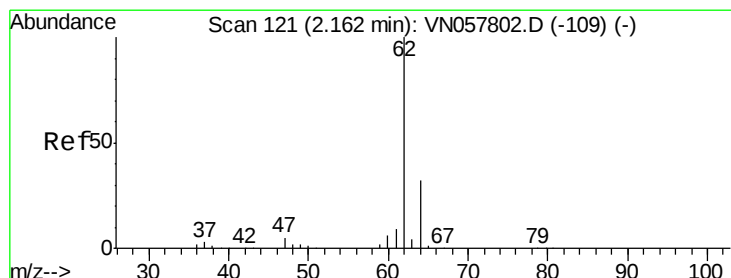
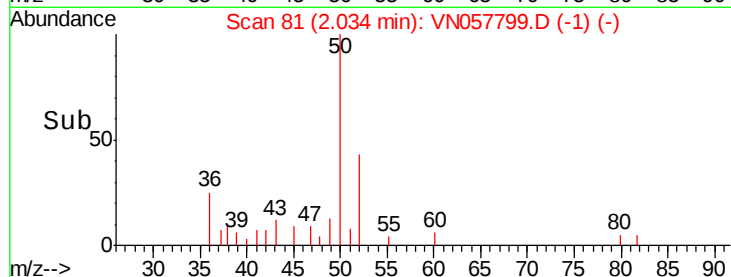
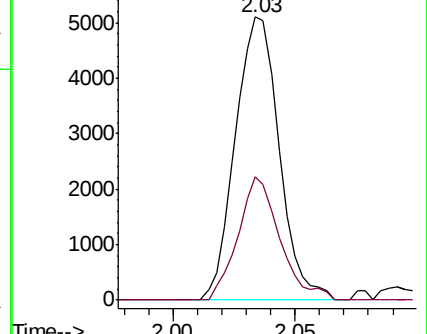
50 100

52 43.4 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN057802.D (-70) (-)



#4

Vinyl Chloride

Concen: 1.336 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057799.D

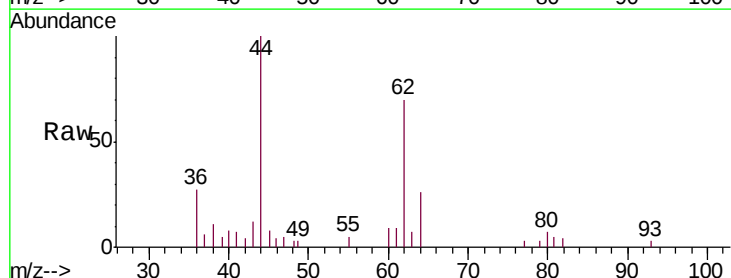
Acq: 9 Sep 2019 14:42

Tgt Ion: 62 Resp: 6219

Ion Ratio Lower Upper

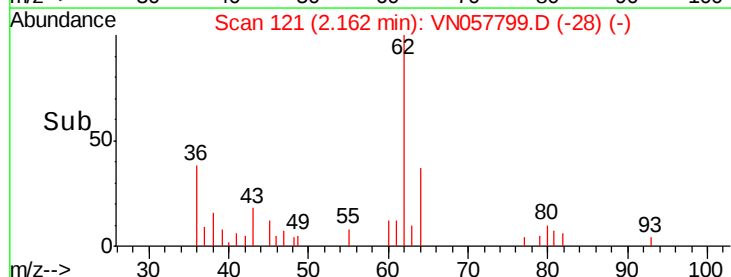
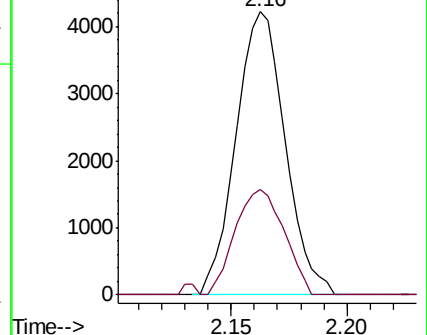
62 100

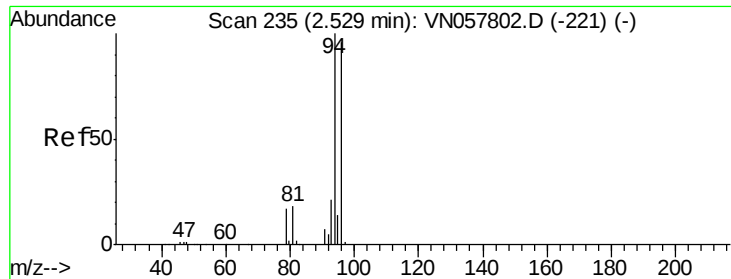
64 37.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN057802.D (-109) (-)

Ion 63.90 (63.60 to 64.60): VN057802.D (-109) (-)





#5

Bromomethane

Concen: 2.488 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

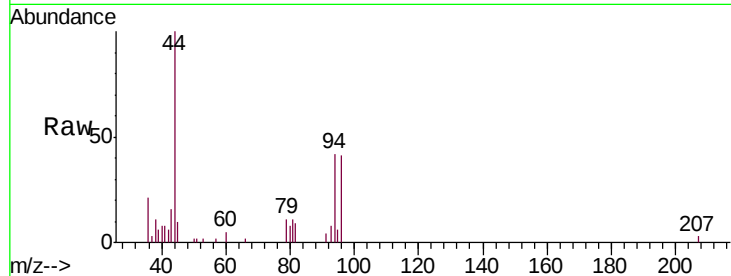
VSTDIC001

Tgt Ion: 94 Resp: 5660

Ion Ratio Lower Upper

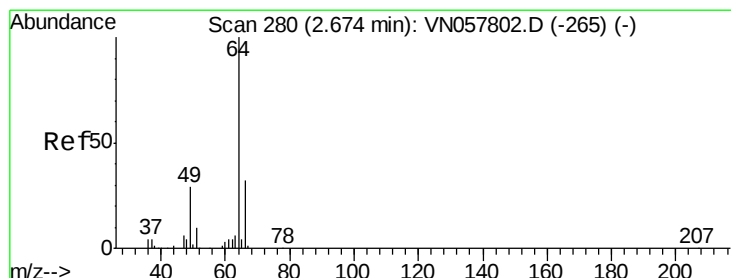
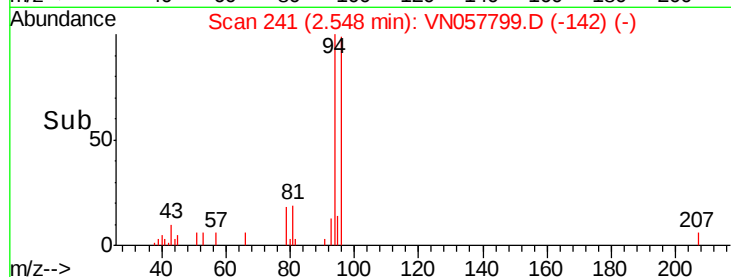
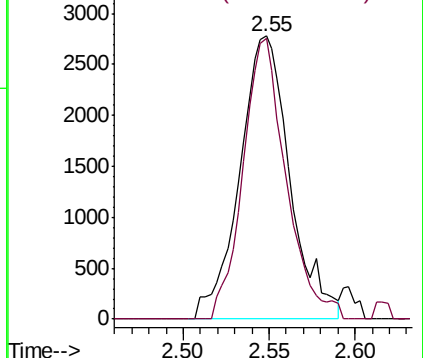
94 100

96 99.3 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 1.569 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057799.D

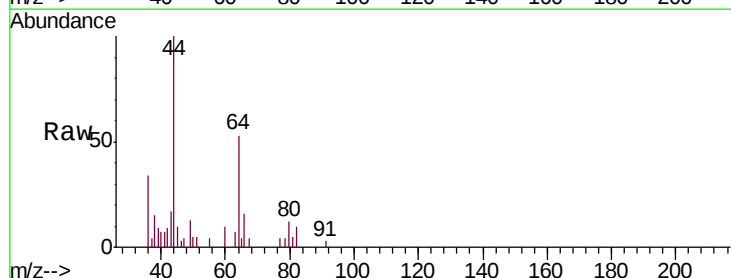
Acq: 9 Sep 2019 14:42

Tgt Ion: 64 Resp: 4362

Ion Ratio Lower Upper

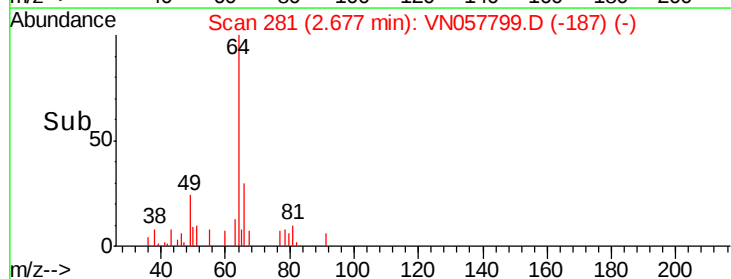
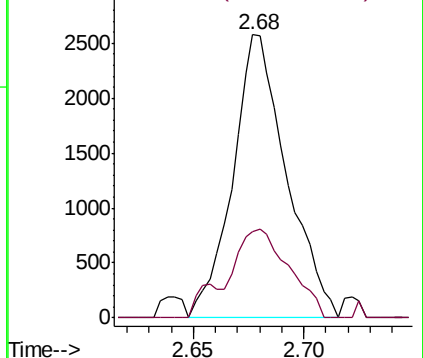
64 100

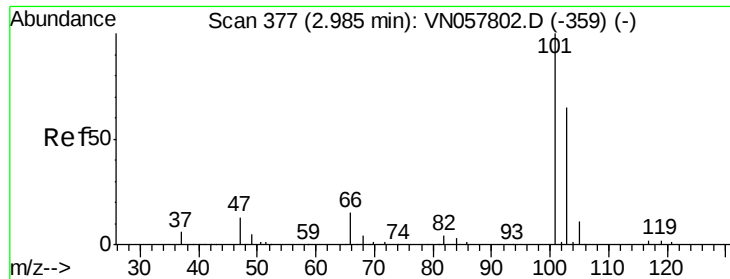
66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



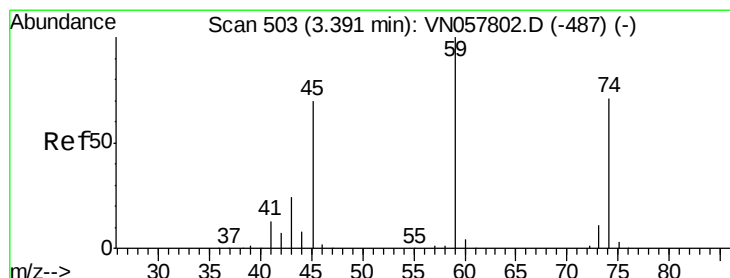
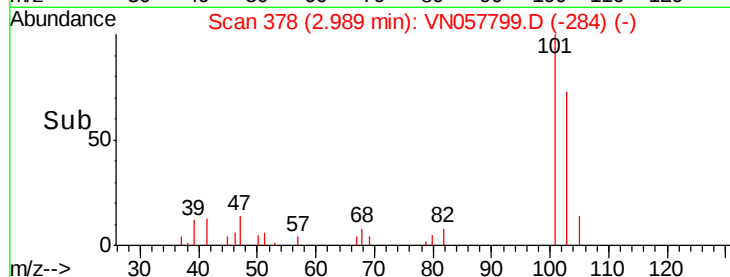
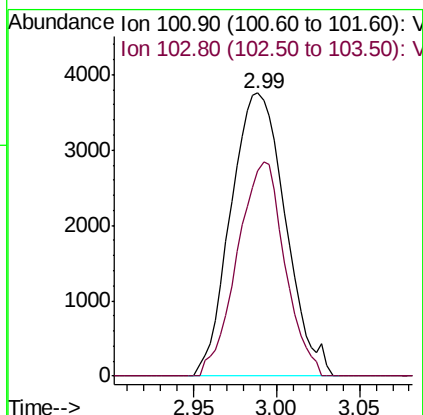
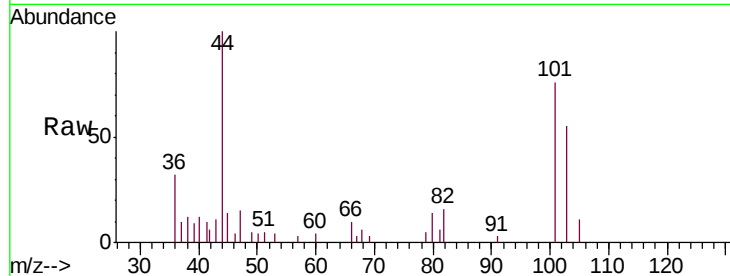


#7

Trichlorofluoromethane
 Concen: 1.197 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Instrument :
 MSVOA_N
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 VSTDIC001

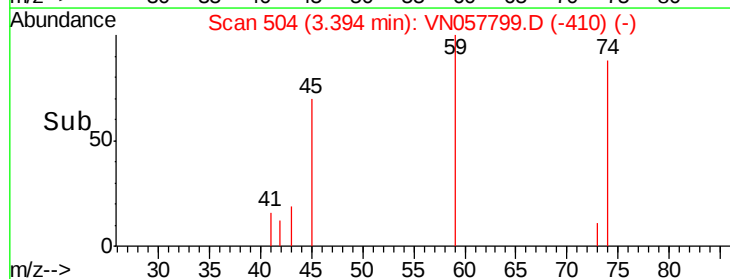
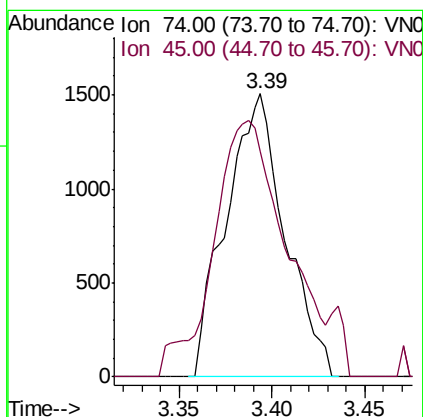
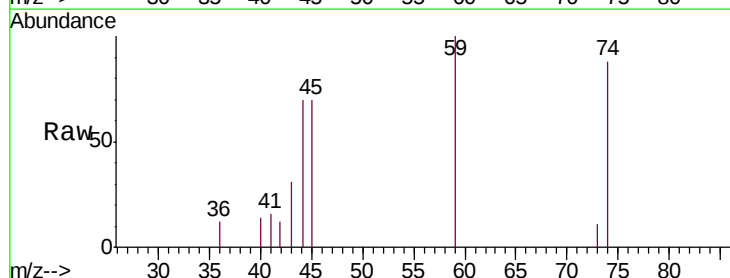
Tgt Ion: 101 Resp: 8616
 Ion Ratio Lower Upper
 101 100
 103 72.5 51.9 77.9

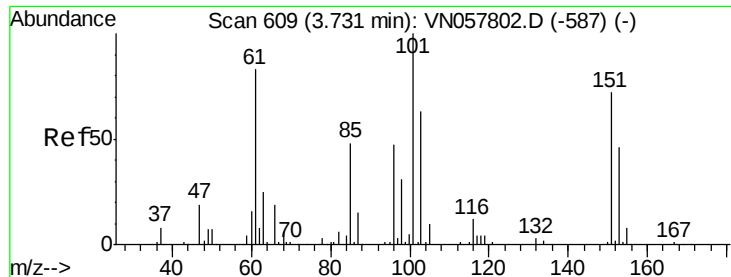


#8

Diethyl Ether
 Concen: 1.160 ug/l
 RT: 3.39 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion: 74 Resp: 3328
 Ion Ratio Lower Upper
 74 100
 45 110.6 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.026 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

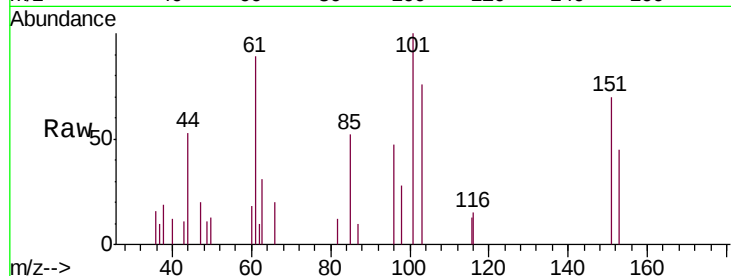
Tgt Ion:101 Resp: 4630

Ion Ratio Lower Upper

101 100

85 44.9 38.1 57.1

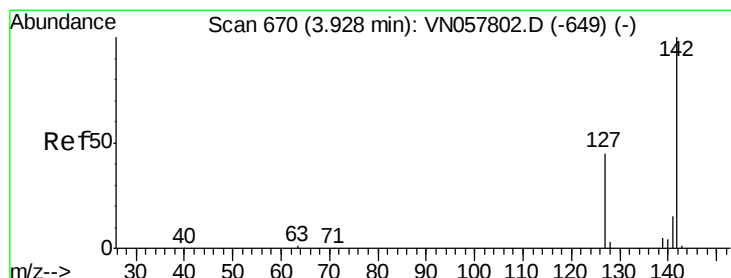
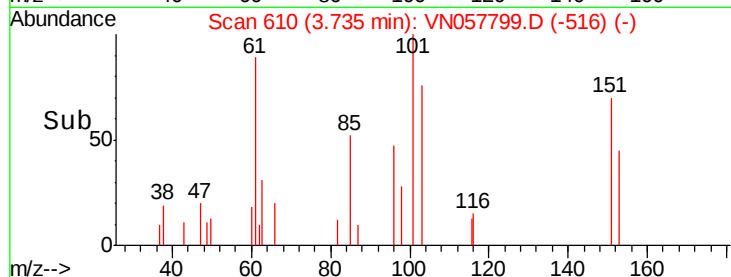
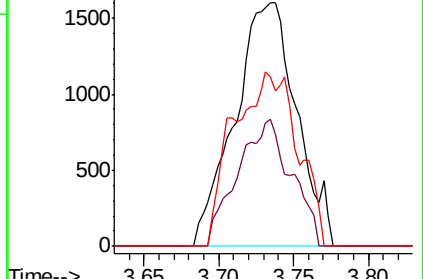
151 0.0 58.4 87.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.104 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

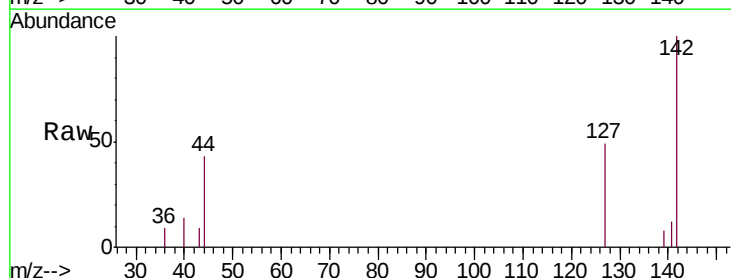
Tgt Ion:142 Resp: 5008

Ion Ratio Lower Upper

142 100

127 47.7 36.7 55.1

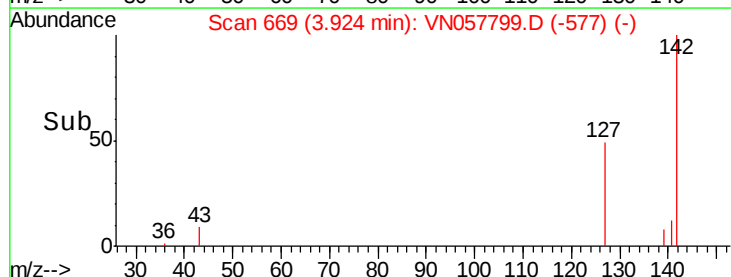
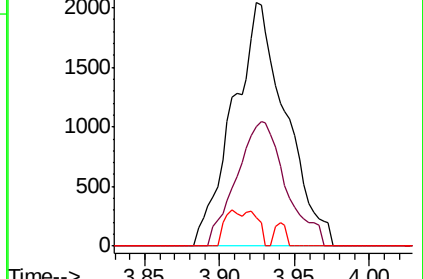
141 2.0 11.4 17.0#

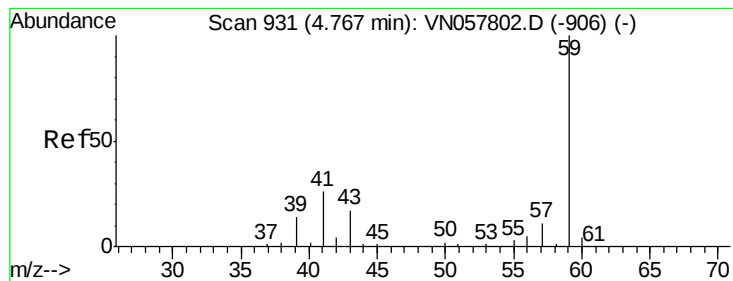


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 1.776 ug/l

RT: 4.76 min Scan# 928

Delta R.T. -0.01 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampled :

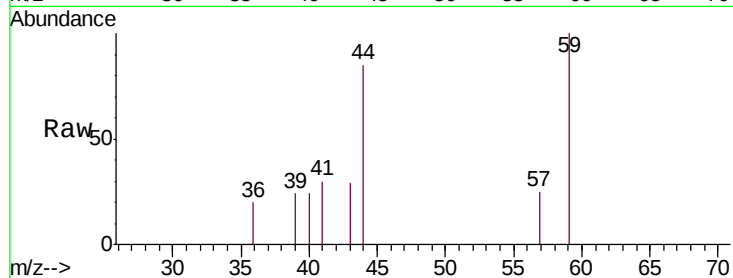
VSTDIC001

Tgt Ion: 59 Resp: 1639

Ion Ratio Lower Upper

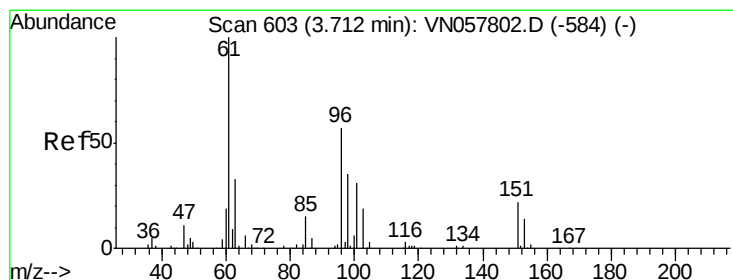
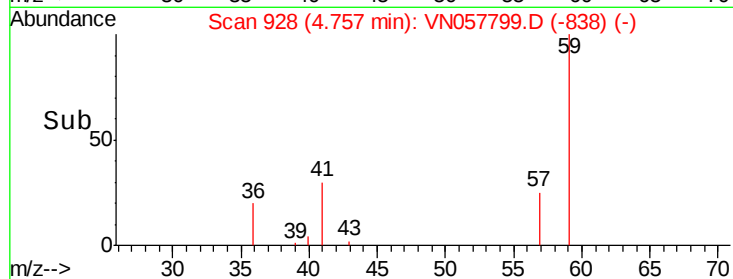
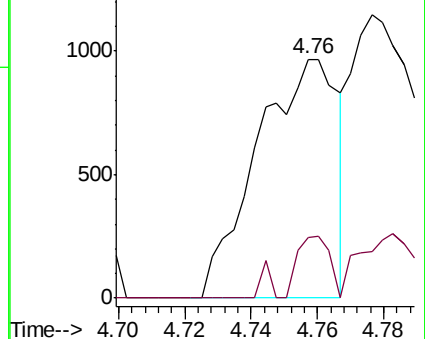
59 100

57 10.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN057799.D (-928) (-)

Ion 57.00 (56.70 to 57.70): VN057799.D (-928) (-)



#12

1,1-Dichloroethene

Concen: 1.133 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

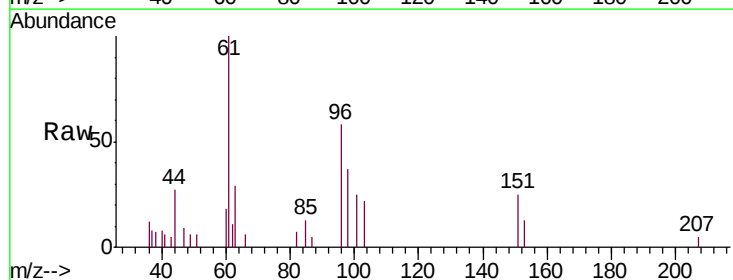
Tgt Ion: 96 Resp: 4575

Ion Ratio Lower Upper

96 100

61 171.6 141.2 211.8

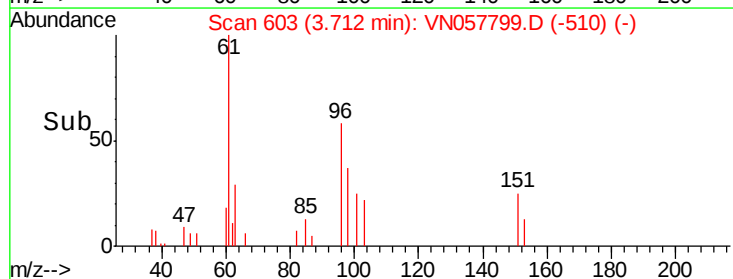
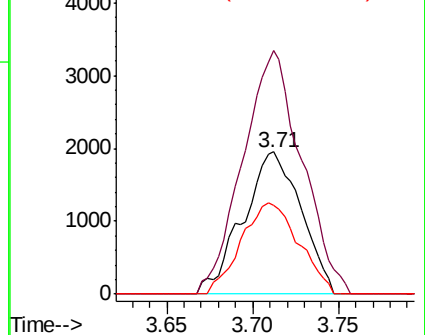
98 63.0 49.9 74.9

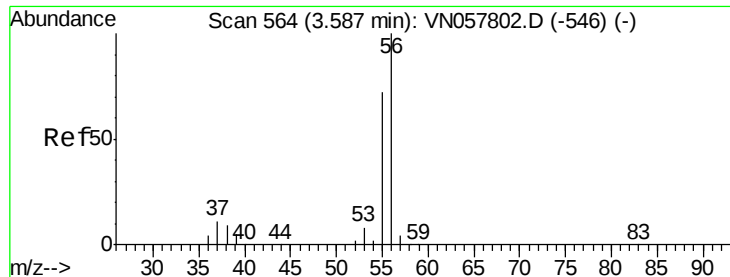


Abundance Ion 95.90 (95.60 to 96.60): VN057799.D (-603) (-)

Ion 60.90 (60.60 to 61.60): VN057799.D (-603) (-)

Ion 97.90 (97.60 to 98.60): VN057799.D (-603) (-)





#13

Acrolein

Concen: 9.073 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.01 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

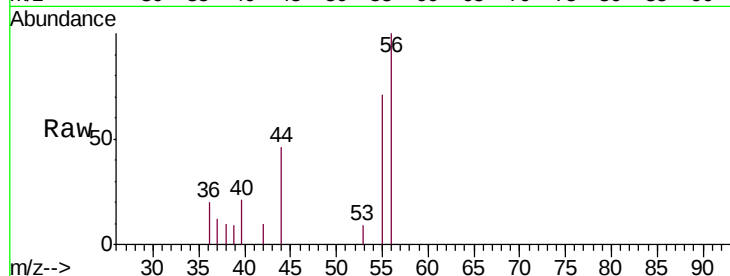
VSTDIC001

Tgt Ion: 56 Resp: 4514

Ion Ratio Lower Upper

56 100

55 75.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN057799.D (-471) (-)

Ion 55.00 (54.70 to 55.70): VN057799.D (-471) (-)

3.59

2000

1500

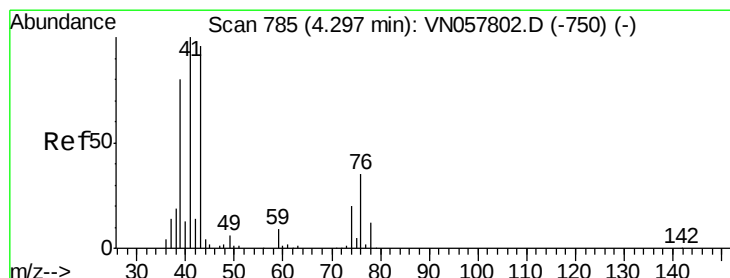
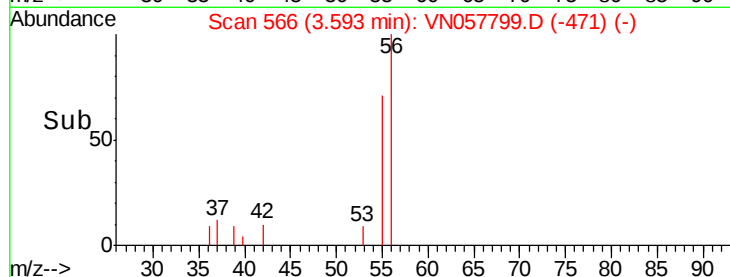
1000

500

0

3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 1.011 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

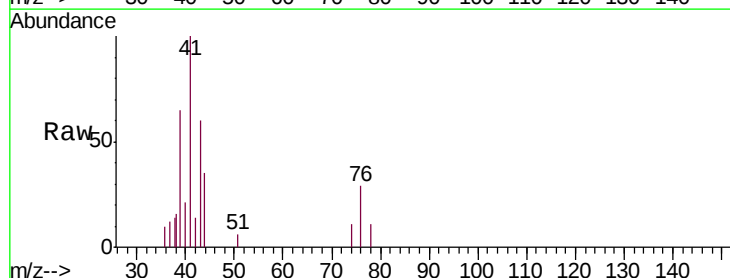
Tgt Ion: 41 Resp: 9121

Ion Ratio Lower Upper

41 100

39 70.6 59.4 89.2

76 23.8 26.0 39.0#



Abundance Ion 41.00 (40.70 to 41.70): VN057799.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN057799.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN057799.D (-692) (-)

4.30

4000

3000

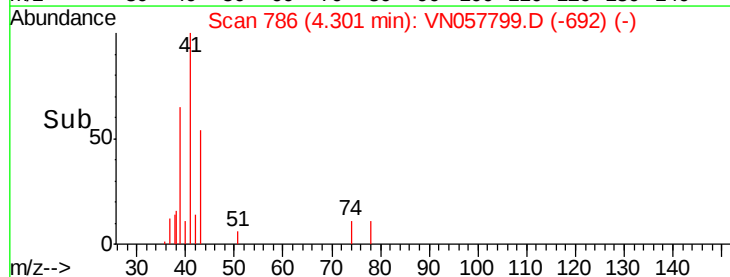
2000

1000

0

4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 2.598 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

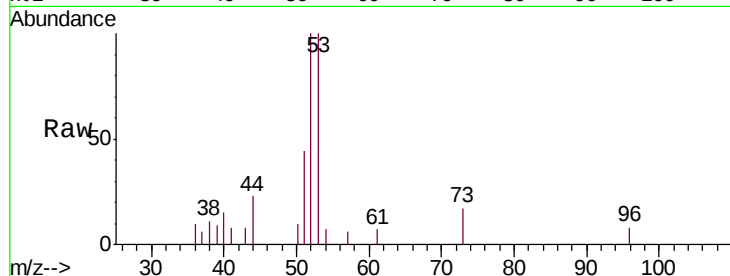
Tgt Ion: 53 Resp: 6124

Ion Ratio Lower Upper

53 100

52 158.9 66.6 100.0#

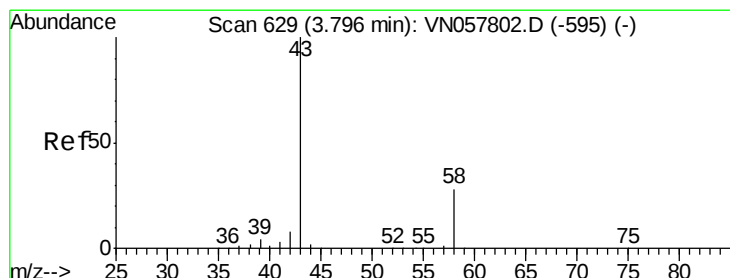
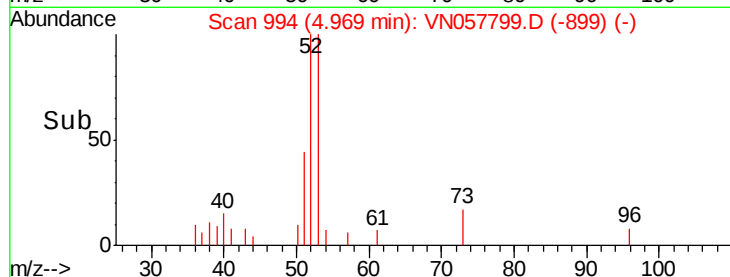
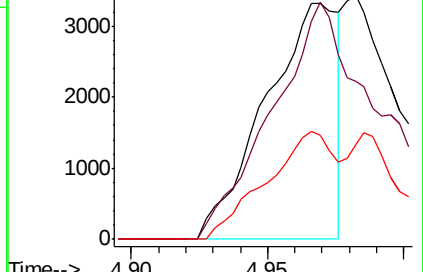
51 42.6 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN057799.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN057799.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN057799.D (-899) (-)



#16

Acetone

Concen: 5.316 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057799.D

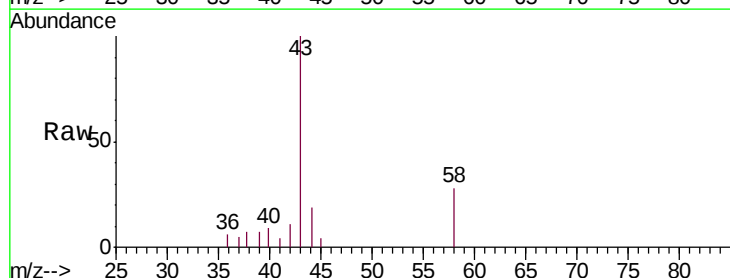
Acq: 9 Sep 2019 14:42

Tgt Ion: 43 Resp: 13211

Ion Ratio Lower Upper

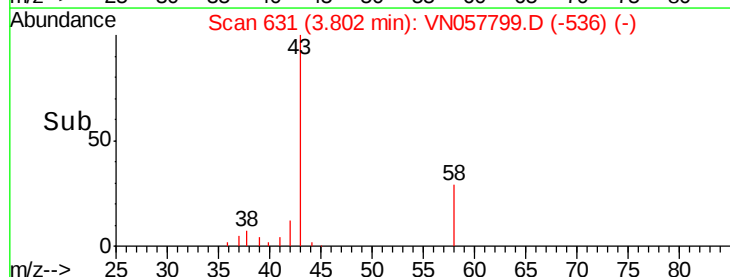
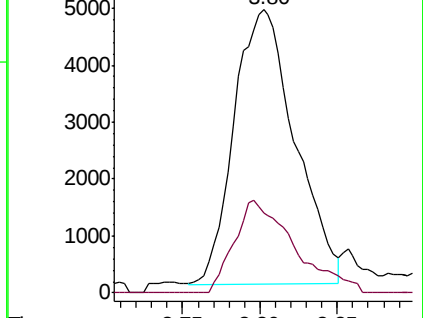
43 100

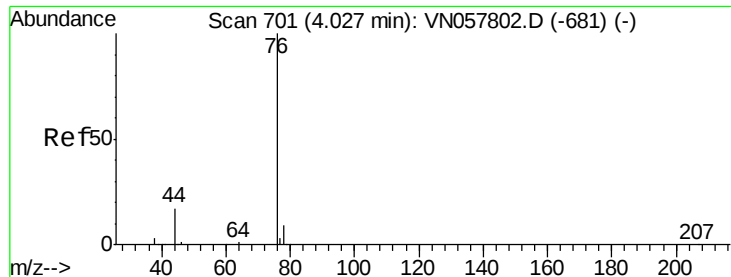
58 29.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057799.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN057799.D (-536) (-)





#17

Carbon Disulfide

Concen: 1.114 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.01 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

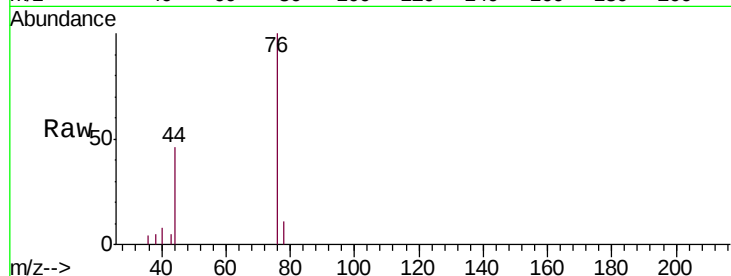
VSTDIC001

Tgt Ion: 76 Resp: 9747

Ion Ratio Lower Upper

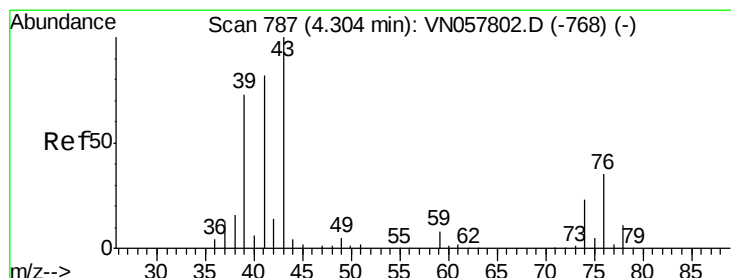
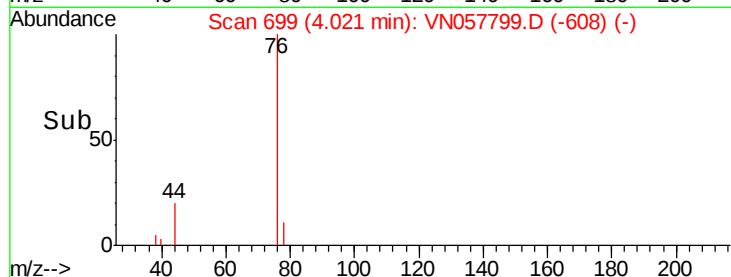
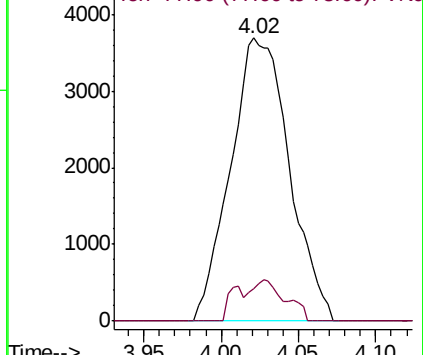
76 100

78 11.4 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.034 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057799.D

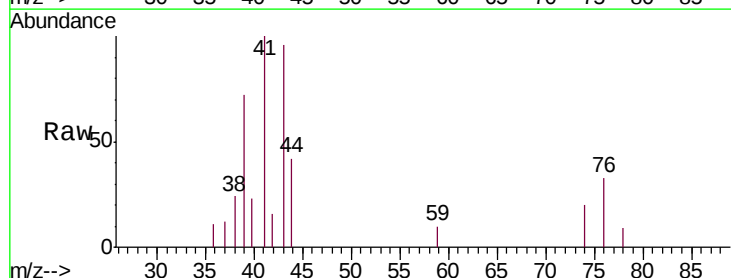
Acq: 9 Sep 2019 14:42

Tgt Ion: 43 Resp: 6954

Ion Ratio Lower Upper

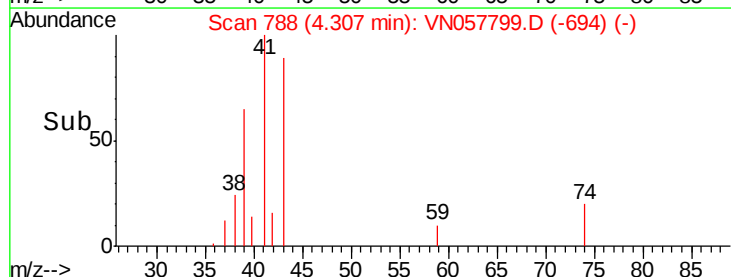
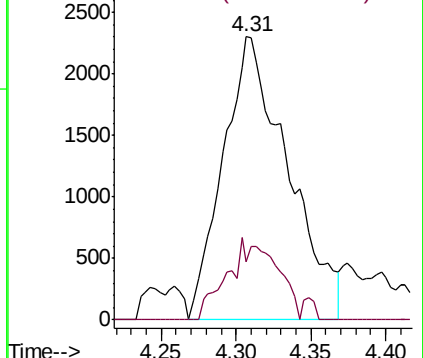
43 100

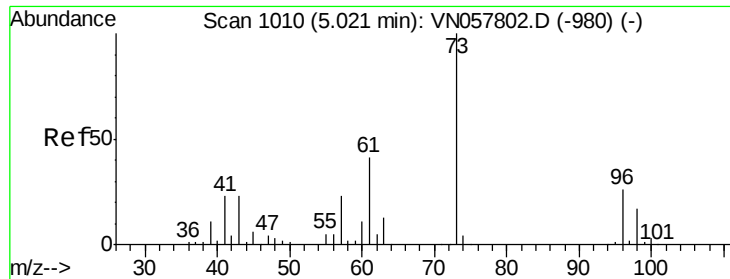
74 22.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

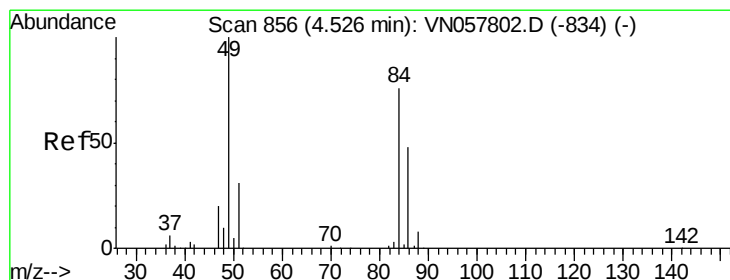
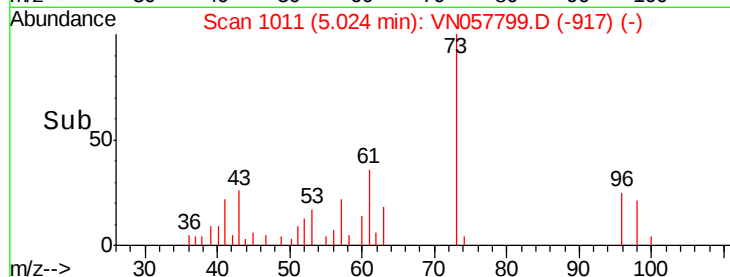
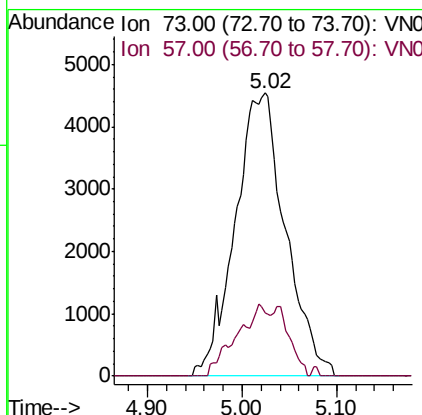
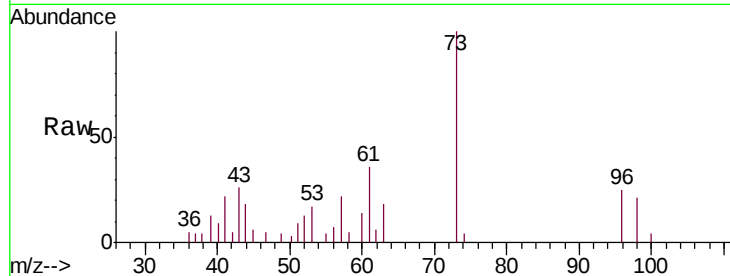




#19
Methyl tert-butyl Ether
Concen: 0.982 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

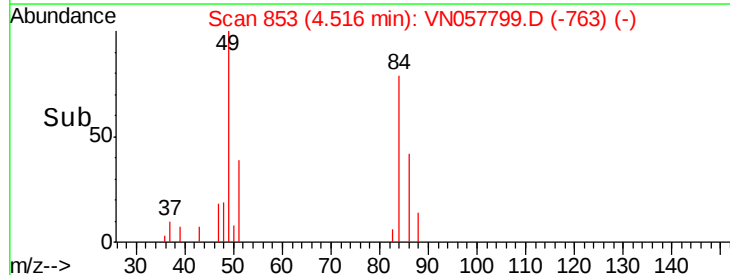
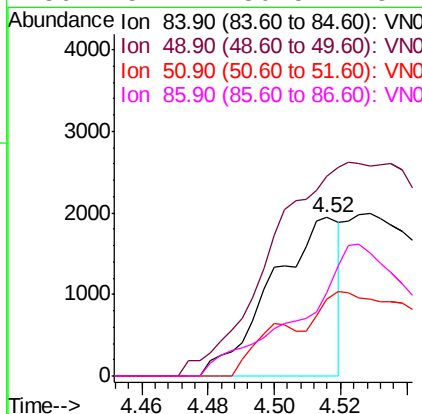
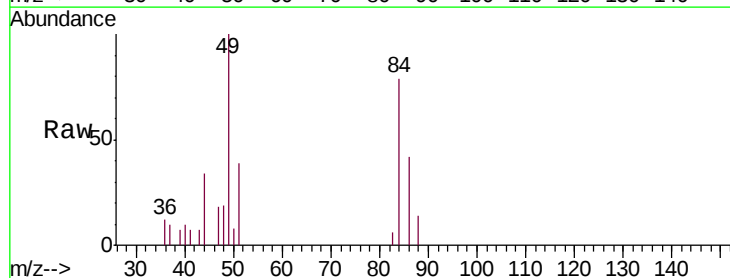
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

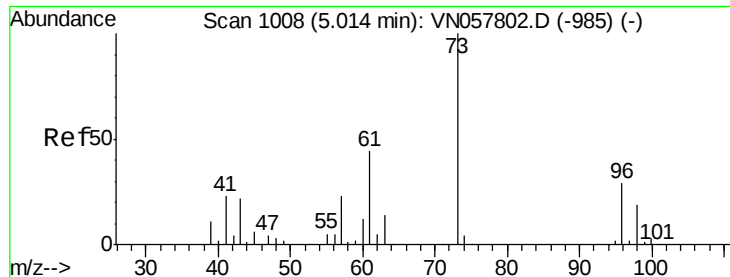
Tgt Ion: 73 Resp: 16765
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.2



#20
Methylene Chloride
Concen: 0.516 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion: 84 Resp: 2735
Ion Ratio Lower Upper
84 100
49 116.4 104.8 157.2
51 48.7 33.0 49.4
86 52.4 50.5 75.7

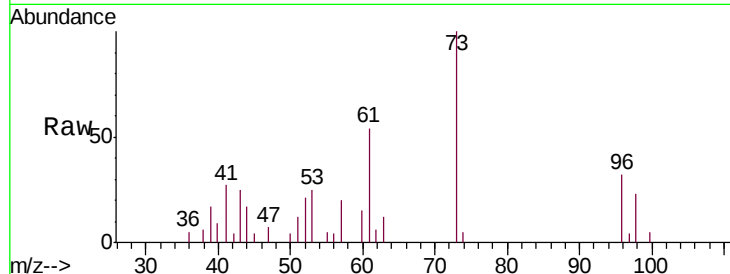




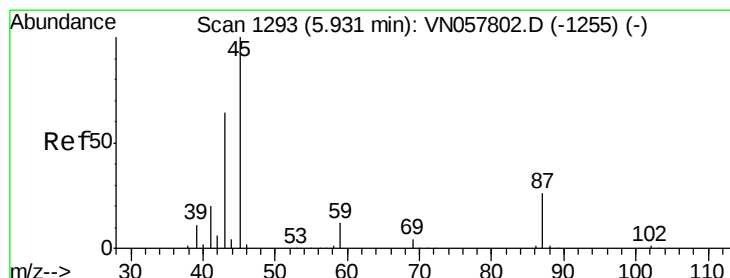
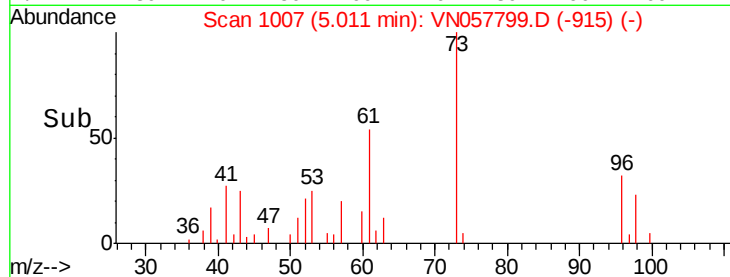
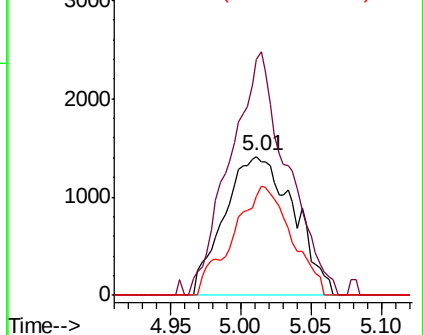
#21
trans-1,2-Dichloroethene
Concen: 1.144 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 4860
Ion Ratio Lower Upper
96 100
61 170.6 121.9 182.9
98 71.4 52.2 78.4

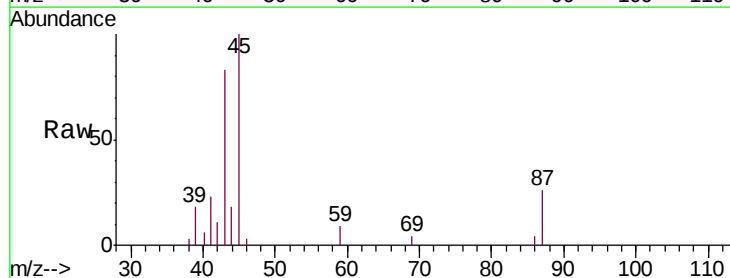


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

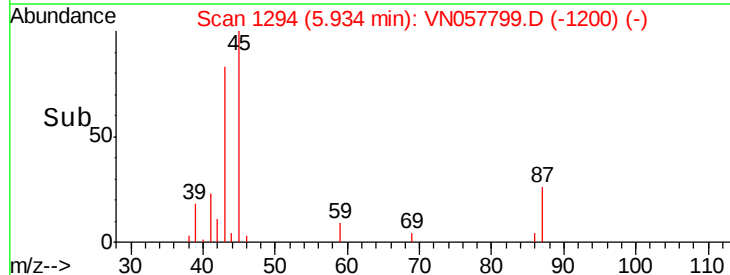
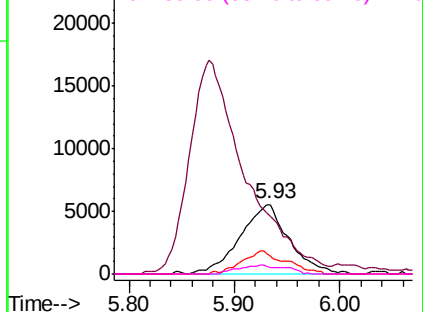


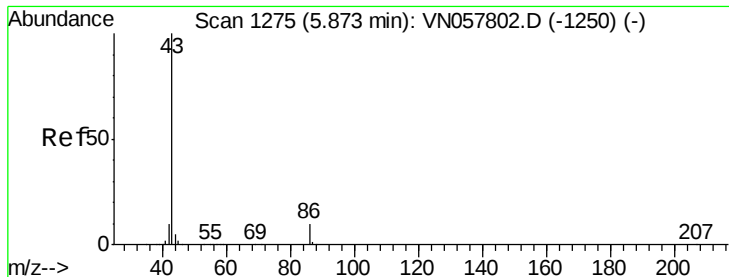
#22
Diisopropyl ether
Concen: 0.907 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion: 45 Resp: 17771
Ion Ratio Lower Upper
45 100
43 69.0 51.4 77.2
87 26.0 21.3 31.9
59 9.4 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

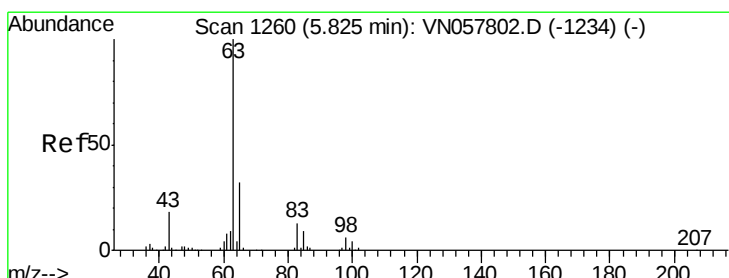
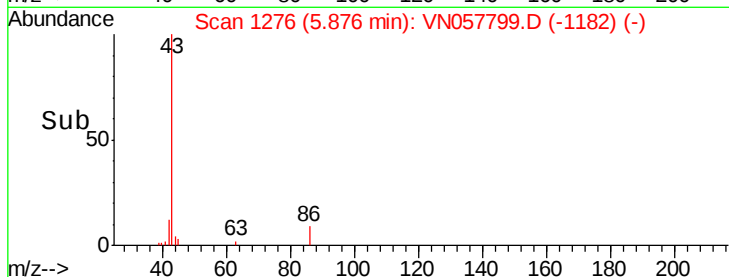
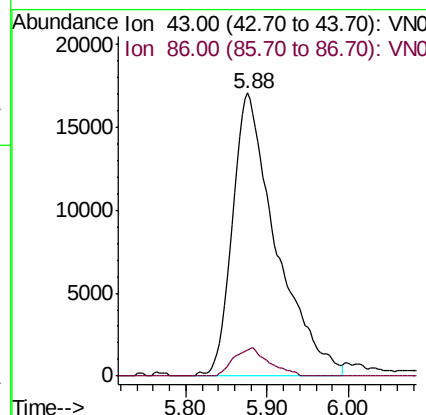
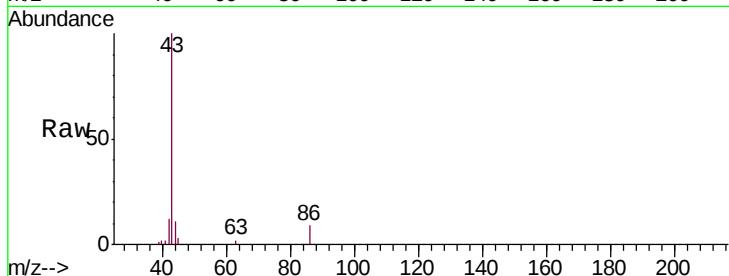




#23
 Vinyl Acetate
 Concen: 4.114 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

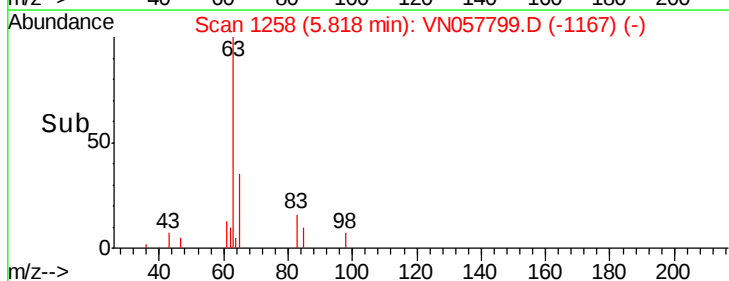
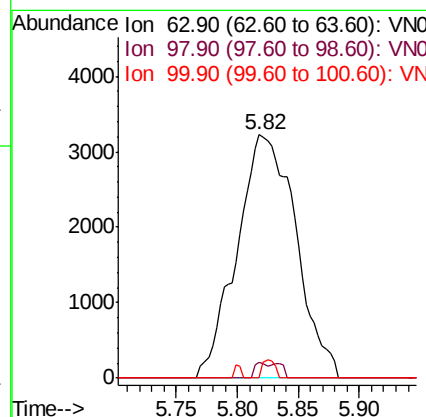
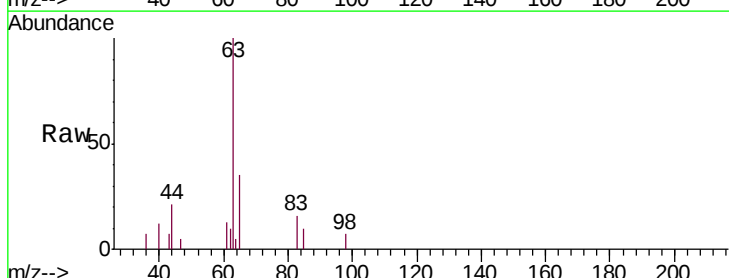
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

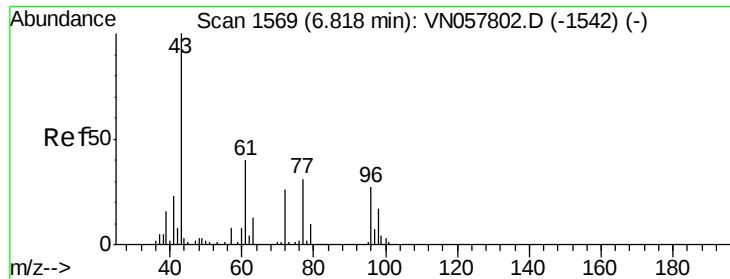
Tgt Ion: 43 Resp: 63760
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 1.073 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion: 63 Resp: 10825
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.2
 100 0.0 2.0 5.8#





#25

2-Butanone

Concen: 5.075 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

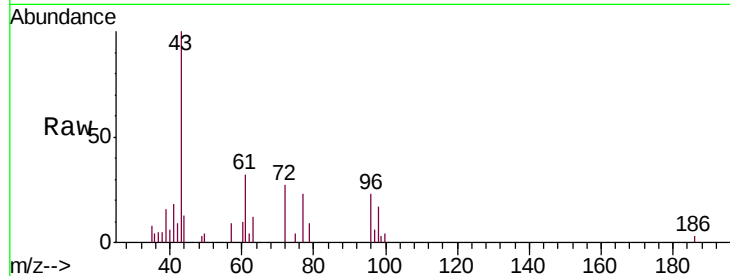
VSTDIC001

Tgt Ion: 43 Resp: 18007

Ion Ratio Lower Upper

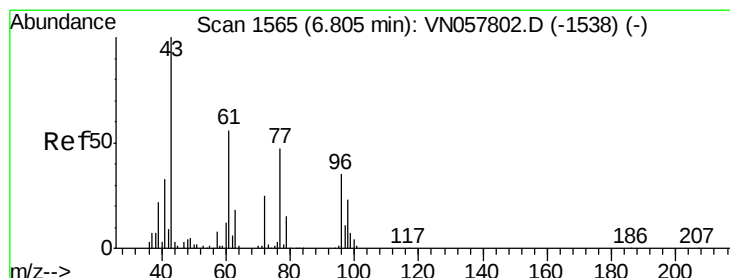
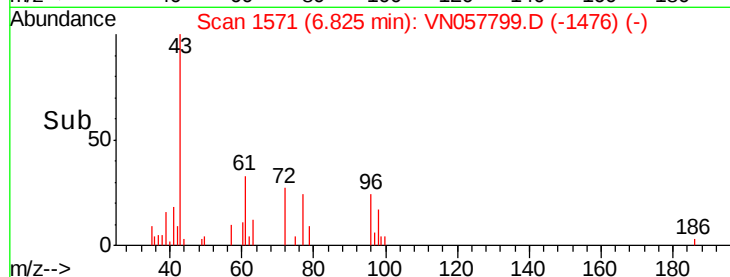
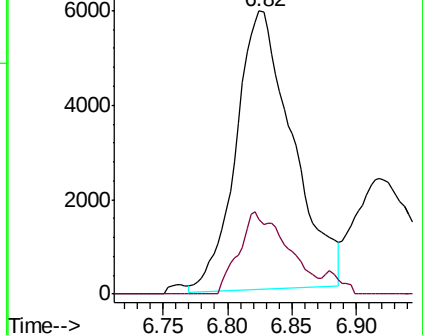
43 100

72 27.3 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1542) (-)

Ion 72.00 (71.70 to 72.70): VN057802.D (-1542) (-)



#26

2,2-Dichloropropane

Concen: 0.944 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057799.D

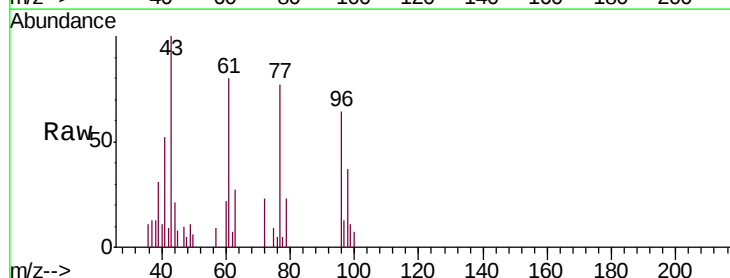
Acq: 9 Sep 2019 14:42

Tgt Ion: 77 Resp: 7861

Ion Ratio Lower Upper

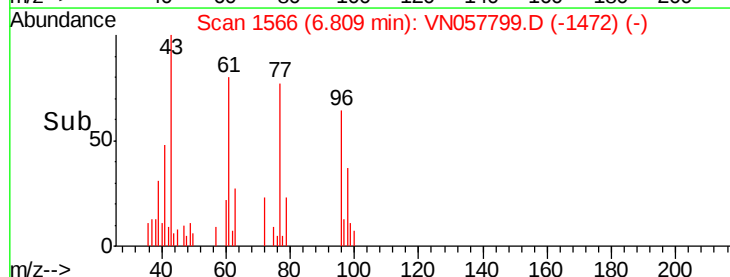
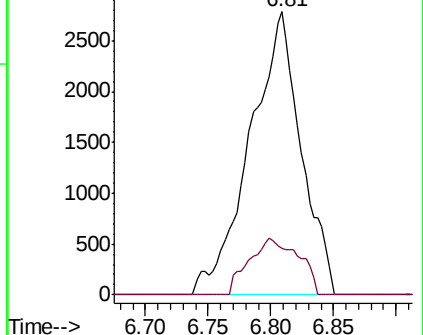
77 100

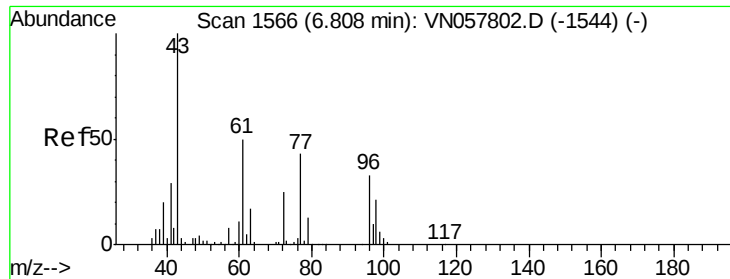
97 19.5 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN057802.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN057802.D (-1538) (-)





#27

cis-1,2-Dichloroethene

Concen: 1.142 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

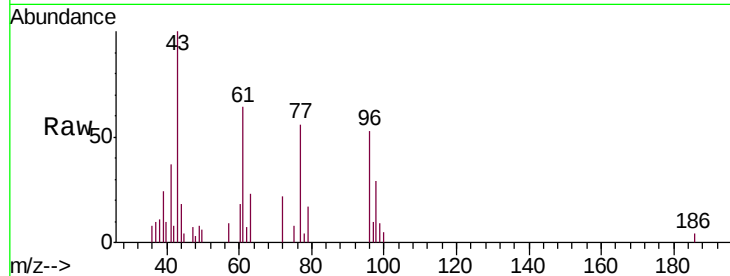
Tgt Ion: 96 Resp: 6204

Ion Ratio Lower Upper

96 100

61 147.2 0.0 314.0

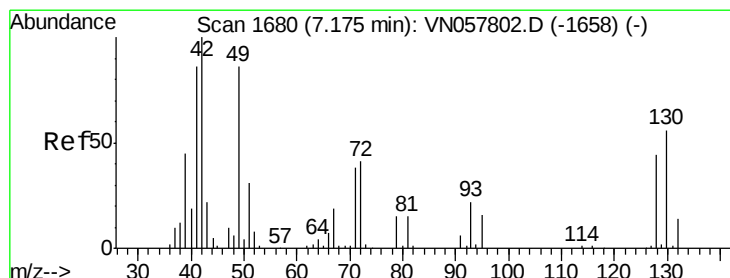
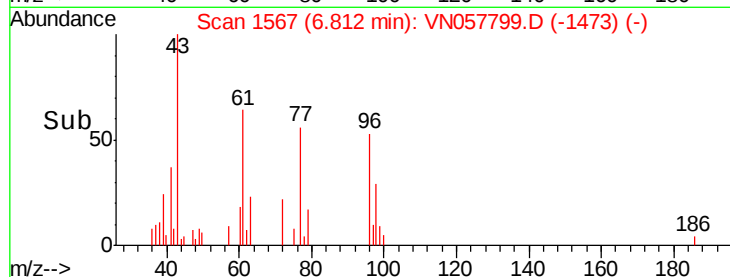
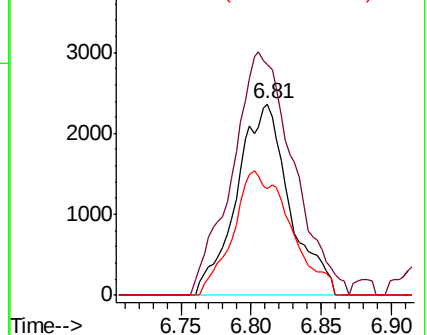
98 70.4 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN057799.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN057799.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN057799.D (-1544) (-)



#28

Bromochloromethane

Concen: 0.931 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

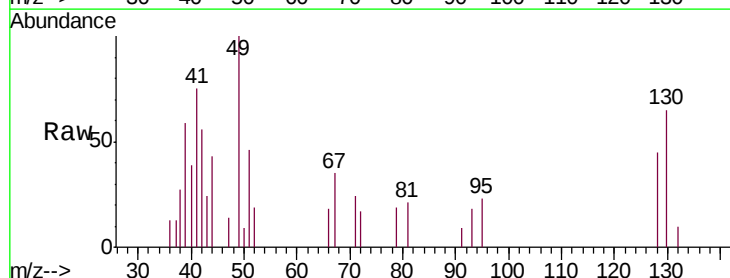
Tgt Ion: 49 Resp: 4968

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

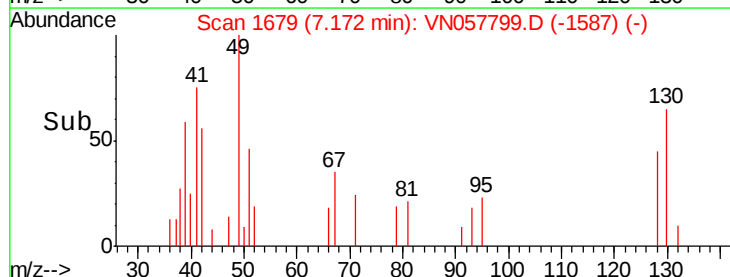
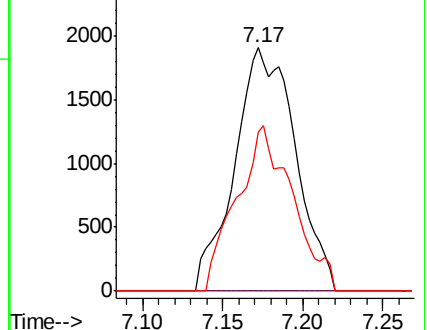
130 62.7 53.0 79.6

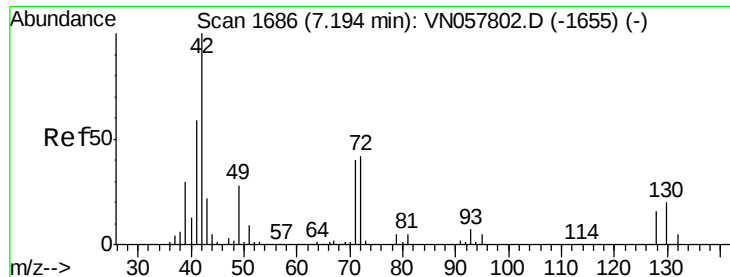


Abundance Ion 48.90 (48.60 to 49.60): VN057799.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN057799.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN057799.D (-1658) (-)





#29

Tetrahydrofuran

Concen: 5.176 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

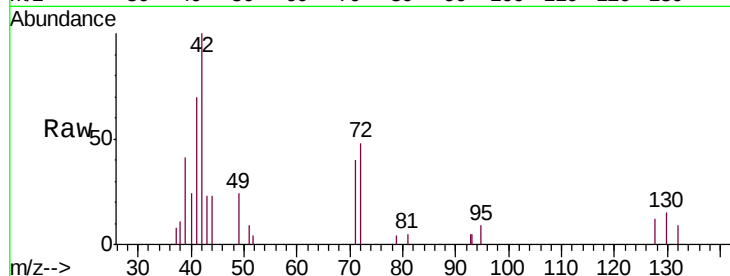
Tgt Ion: 42 Resp: 11753

Ion Ratio Lower Upper

42 100

72 44.2 33.7 50.5

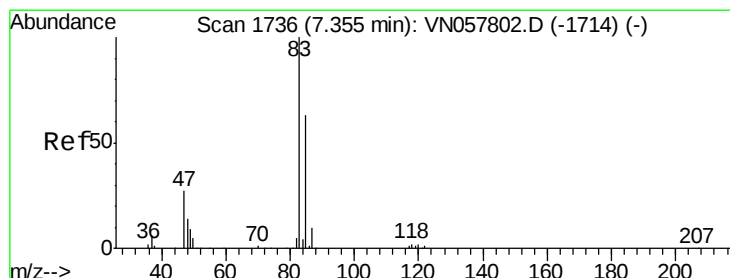
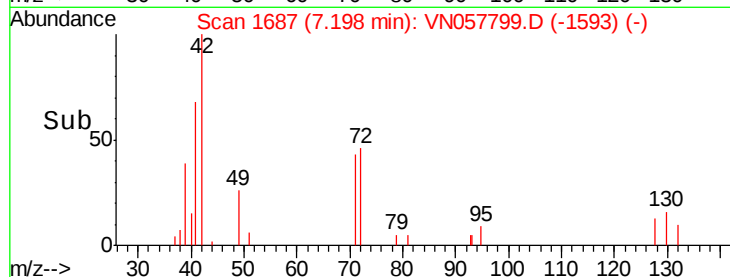
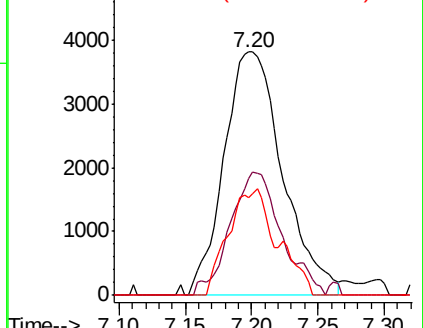
71 36.6 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.082 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN057799.D

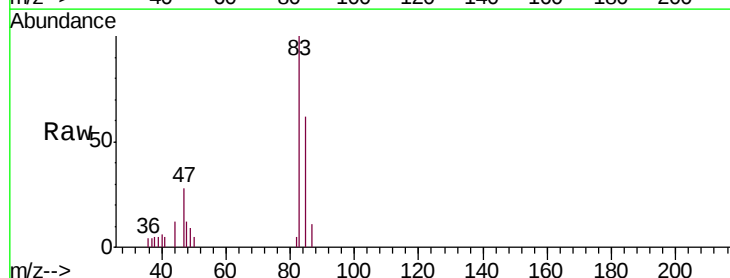
Acq: 9 Sep 2019 14:42

Tgt Ion: 83 Resp: 11384

Ion Ratio Lower Upper

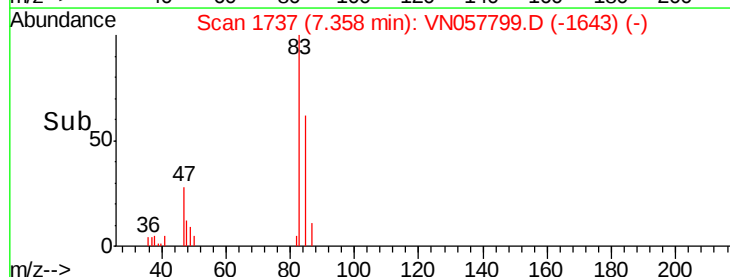
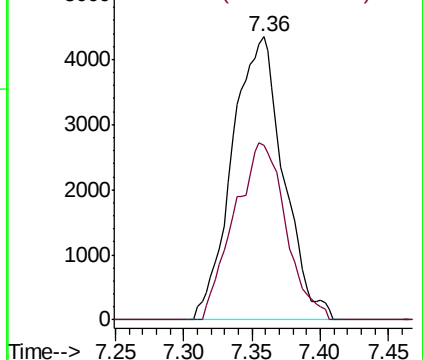
83 100

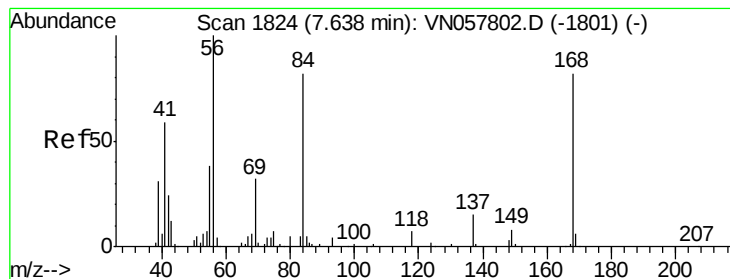
85 61.6 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.997 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

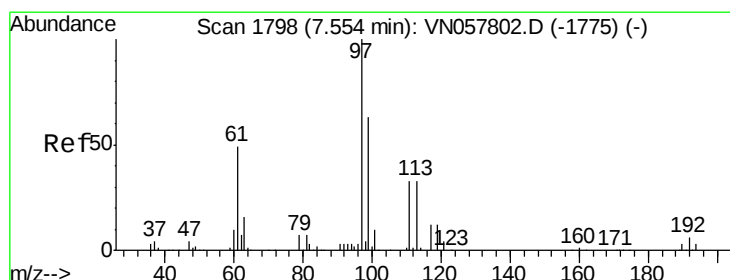
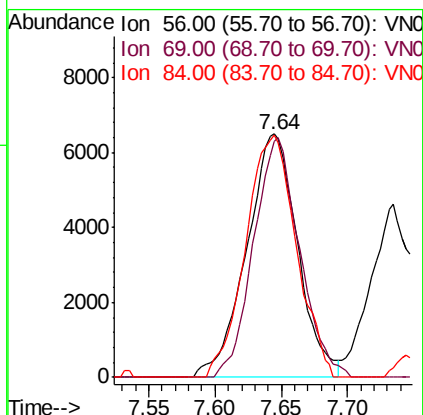
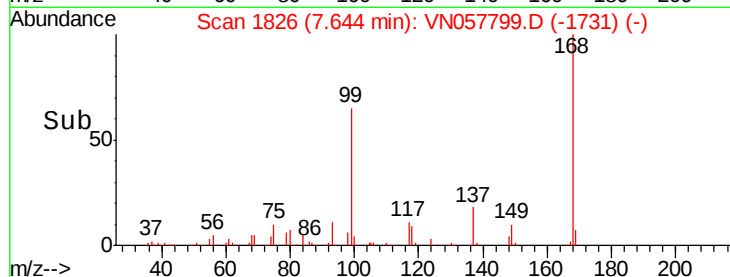
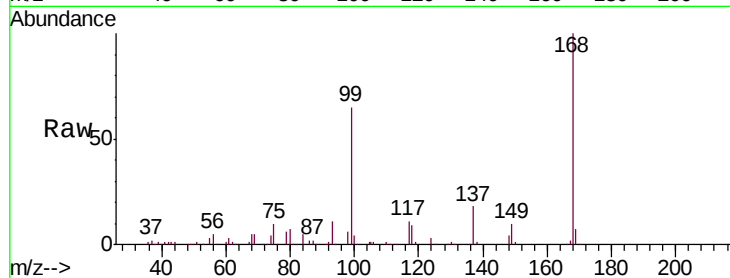
Tgt Ion: 56 Resp: 17411

Ion Ratio Lower Upper

56 100

69 97.0 25.9 38.9#

84 99.8 65.6 98.4#



#32

1,1,1-Trichloroethane

Concen: 0.994 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

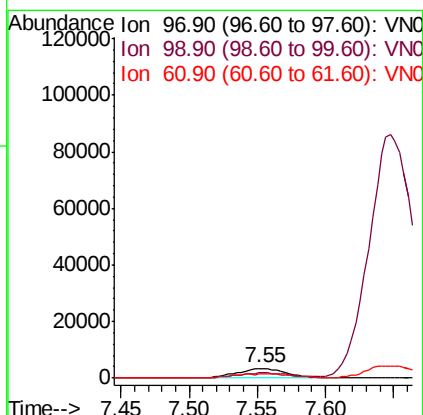
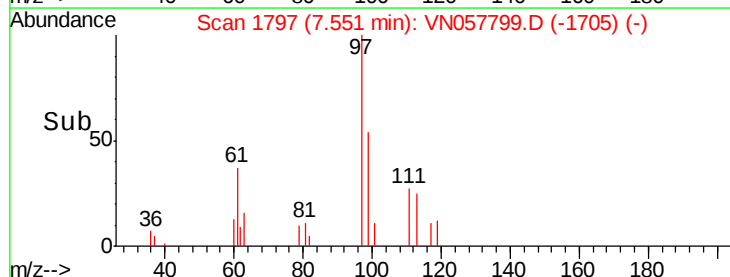
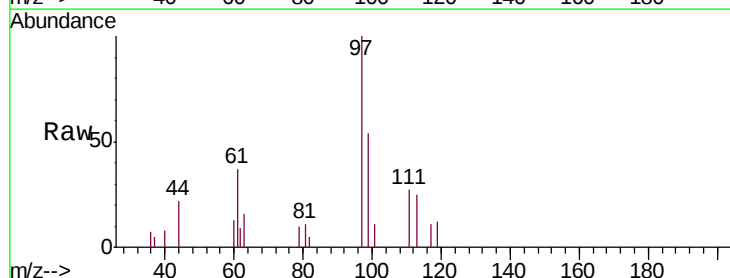
Tgt Ion: 97 Resp: 8631

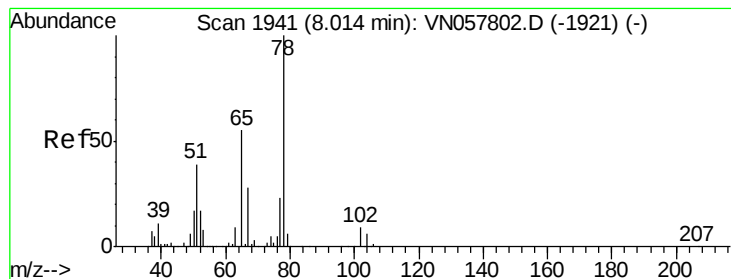
Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

61 26.2 39.0 58.6#





#33

1,2-Dichloroethane-d4

Concen: 1.065 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

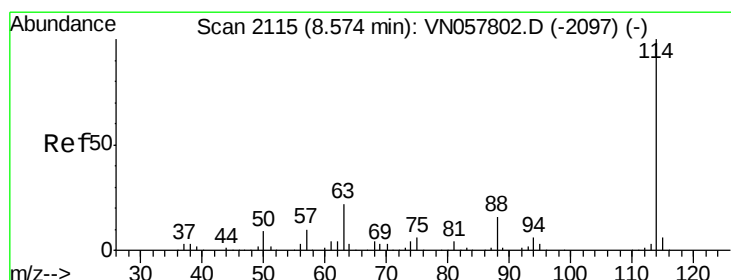
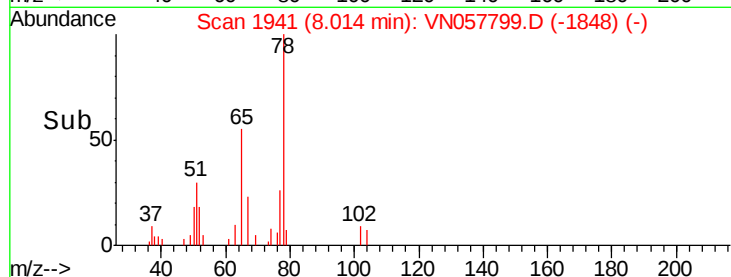
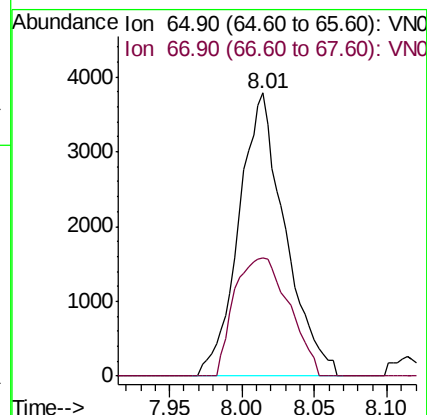
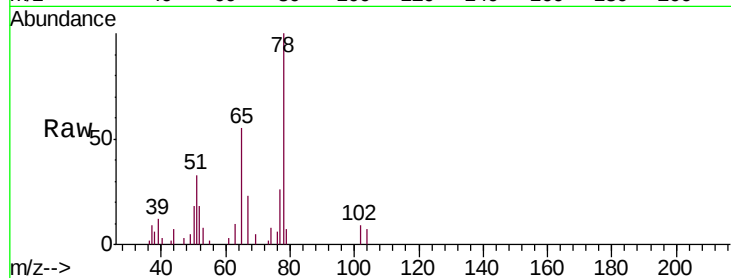
VSTDIC001

Tgt Ion: 65 Resp: 8383

Ion Ratio Lower Upper

65 100

67 49.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

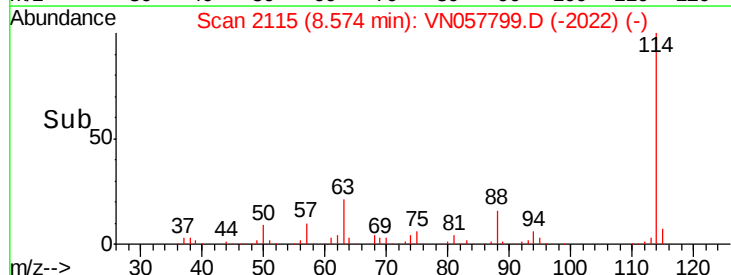
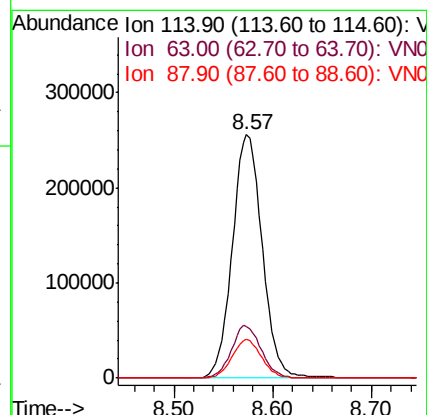
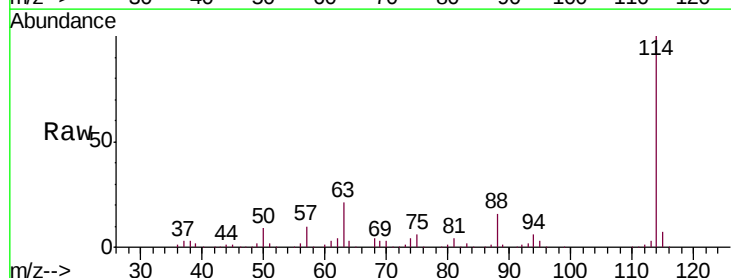
Tgt Ion: 114 Resp: 541925

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

88 15.7 0.0 31.4

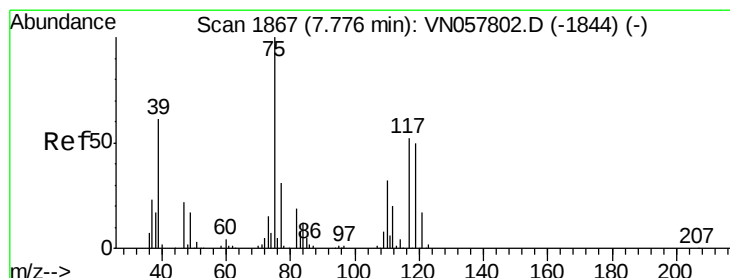
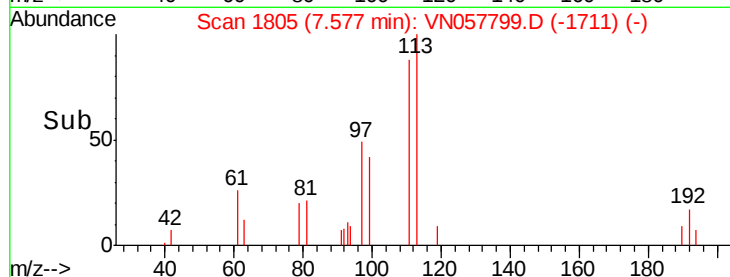
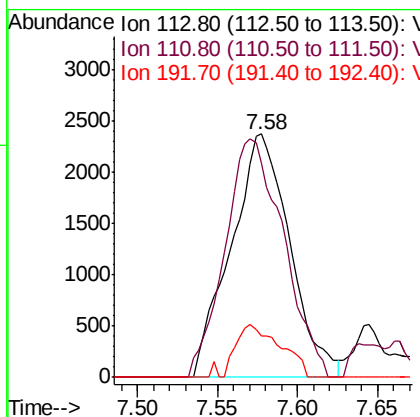
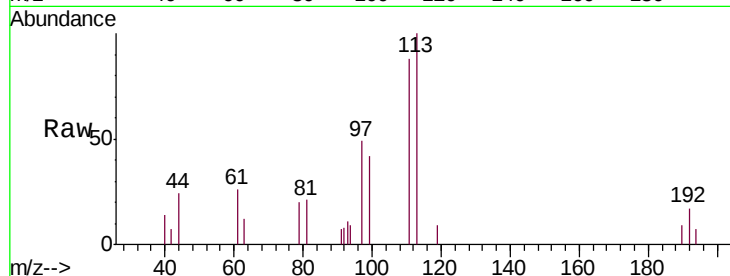




#35
 Dibromofluoromethane
 Concen: 1.210 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

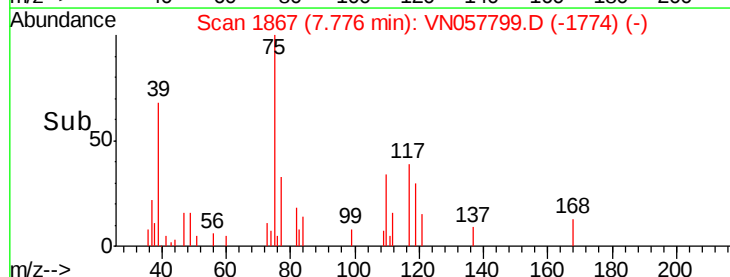
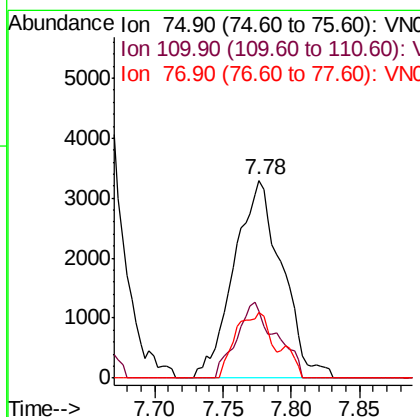
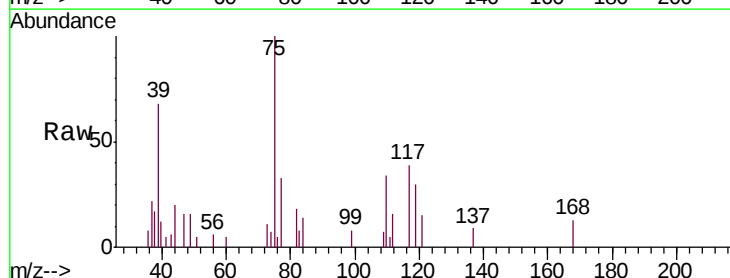
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 113 Resp: 5961
 Ion Ratio Lower Upper
 113 100
 111 97.7 81.3 121.9
 192 16.3 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 1.150 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion: 75 Resp: 8069
 Ion Ratio Lower Upper
 75 100
 110 31.5 16.3 48.9
 77 23.8 25.0 37.4#

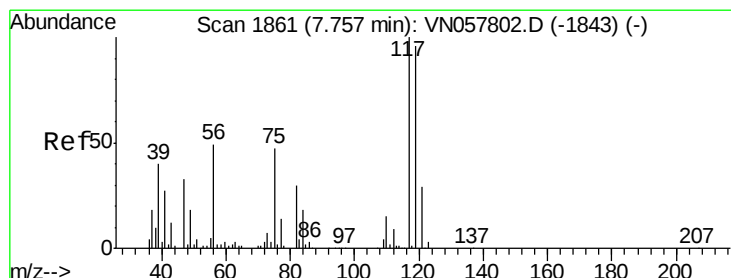
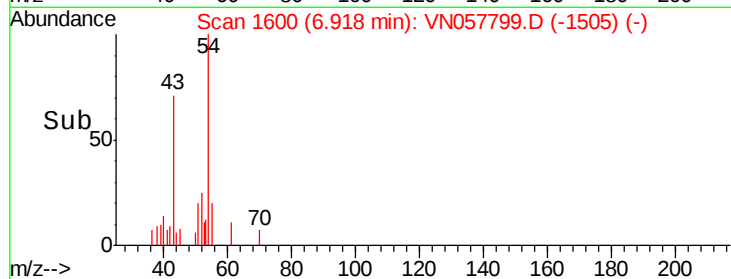
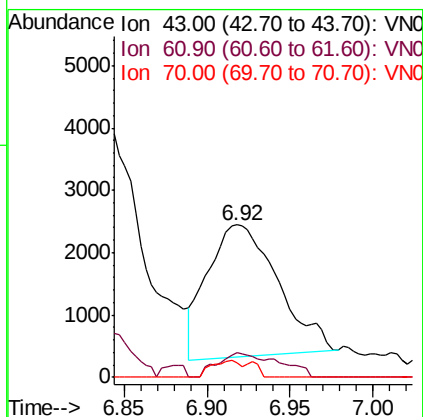
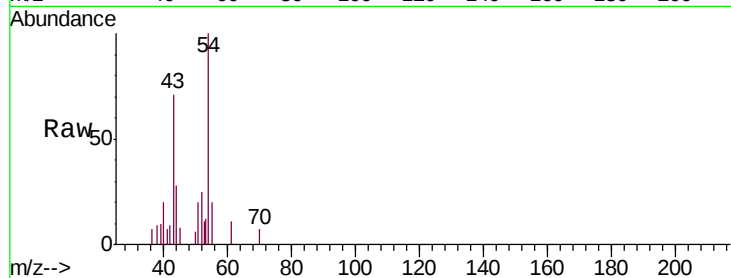




#37
 Ethyl Acetate
 Concen: 0.896 ug/l
 RT: 6.92 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

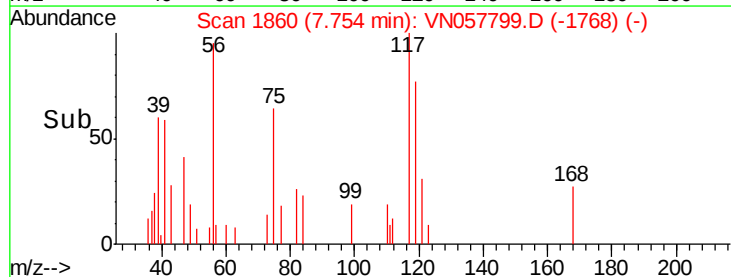
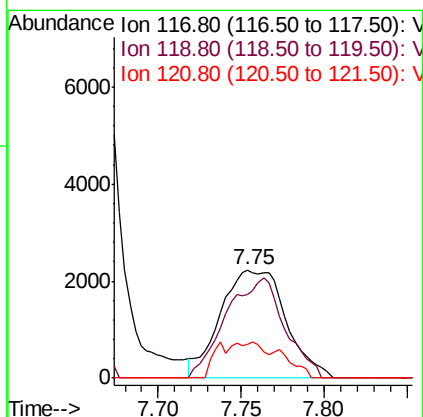
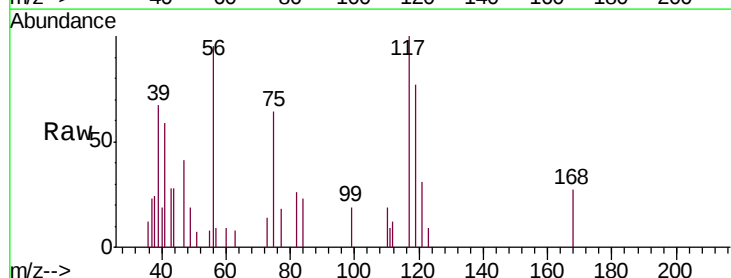
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

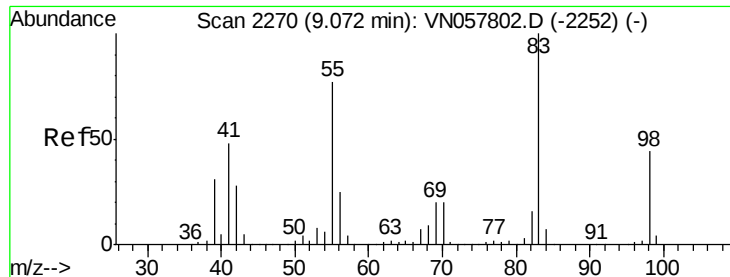
Tgt Ion: 43 Resp: 6232
 Ion Ratio Lower Upper
 43 100
 61 16.3 10.5 15.7#
 70 5.2 7.4 11.0#



#38
 Carbon Tetrachloride
 Concen: 0.921 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion: 117 Resp: 6134
 Ion Ratio Lower Upper
 117 100
 119 77.2 76.9 115.3
 121 30.7 23.4 35.2

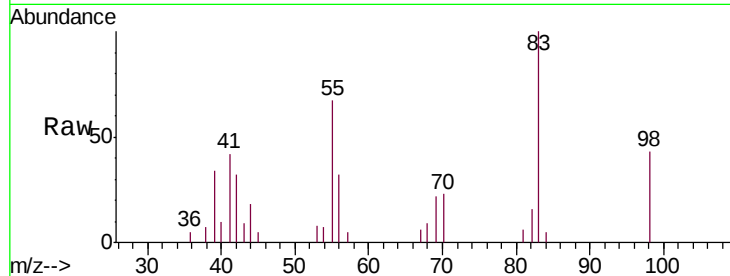




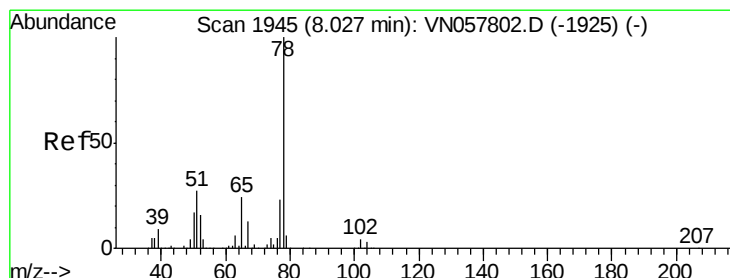
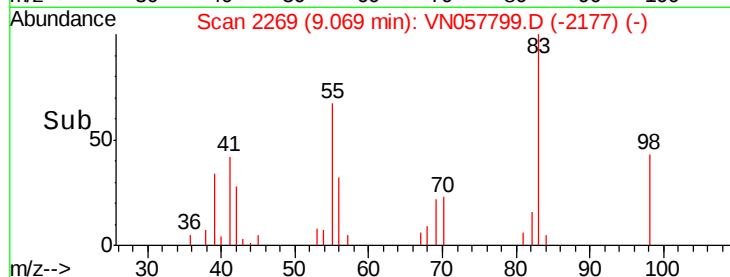
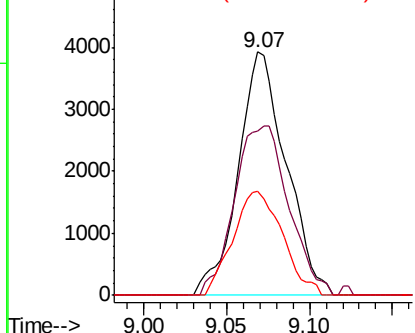
#39
Methylcyclohexane
Concen: 1.067 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 7863
Ion Ratio Lower Upper
83 100
55 67.5 61.6 92.4
98 42.9 34.9 52.3

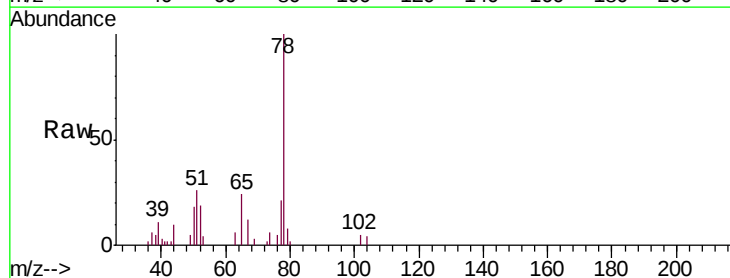


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

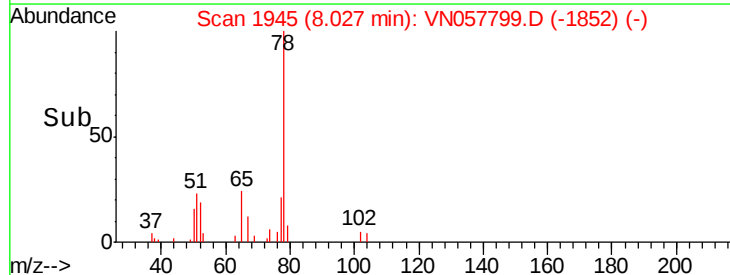
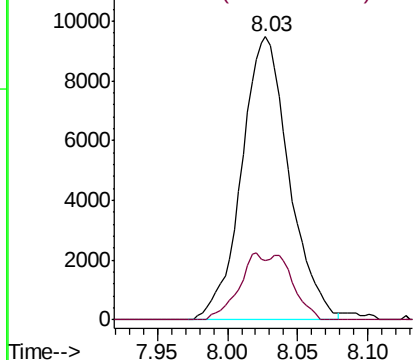


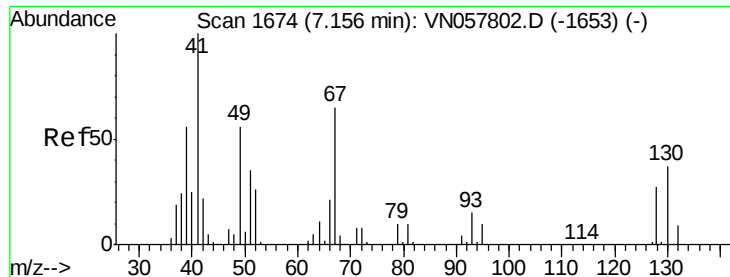
#40
Benzene
Concen: 1.113 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion: 78 Resp: 22329
Ion Ratio Lower Upper
78 100
77 21.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

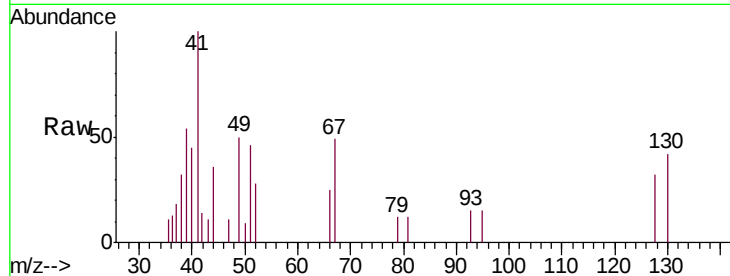




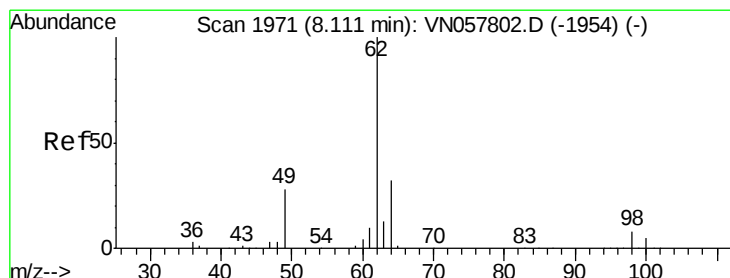
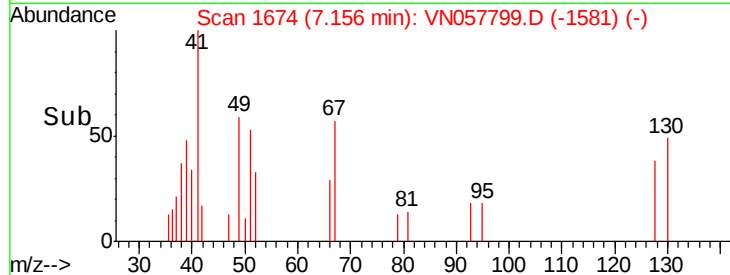
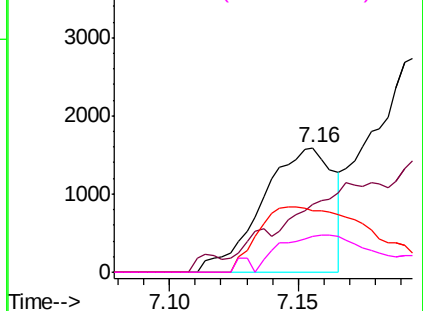
#41
Methacrylonitrile
Concen: 0.902 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 3073
Ion Ratio Lower Upper
41 100
39 61.7 51.0 76.6
67 0.0 70.7 106.1#
52 40.5 30.8 46.2

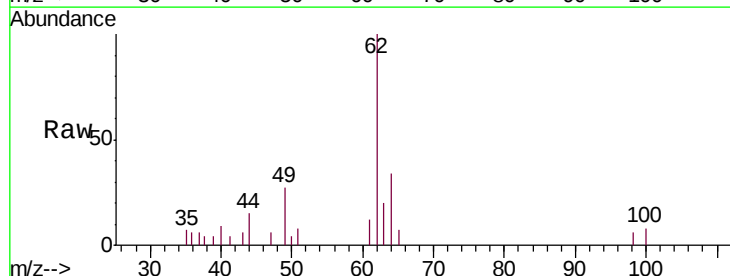


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

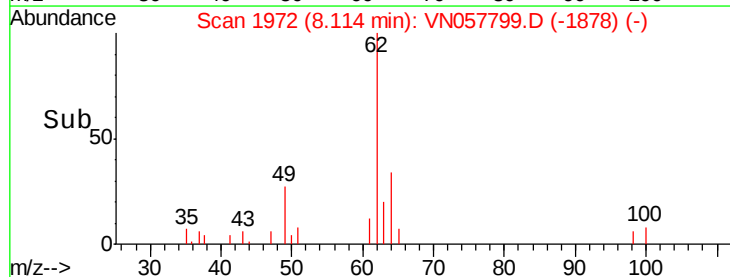
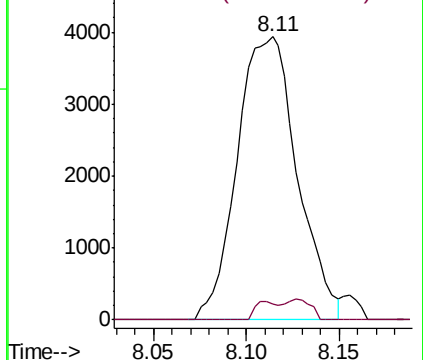


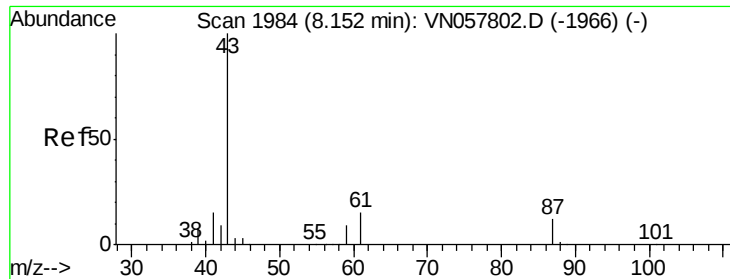
#42
1,2-Dichloroethane
Concen: 0.970 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion: 62 Resp: 8914
Ion Ratio Lower Upper
62 100
98 2.4 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 0.897 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

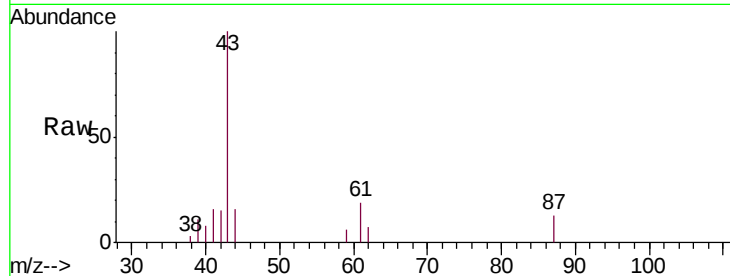
Tgt Ion: 43 Resp: 11922

Ion Ratio Lower Upper

43 100

61 17.9 20.1 30.1#

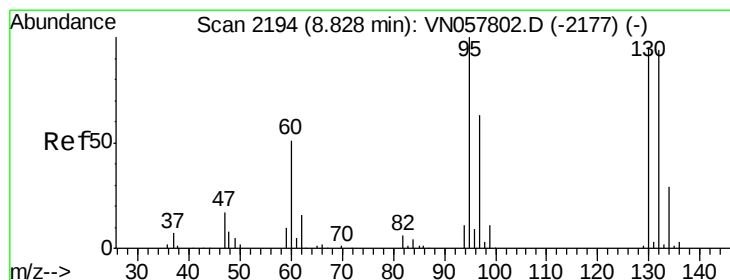
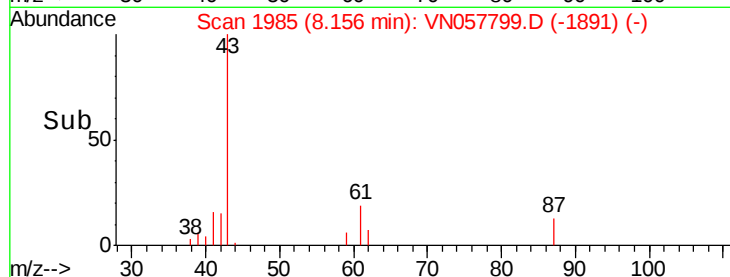
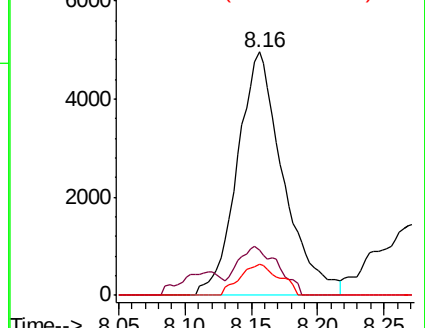
87 11.0 9.5 14.3



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: 1.220 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057799.D

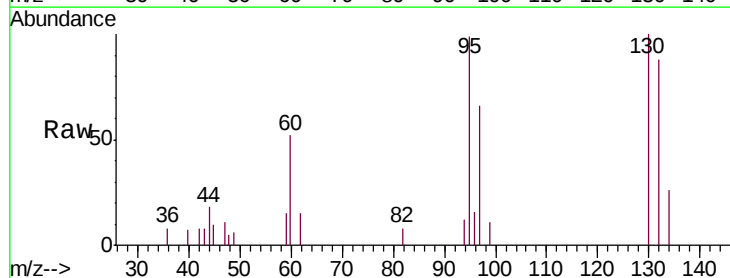
Acq: 9 Sep 2019 14:42

Tgt Ion: 130 Resp: 5532

Ion Ratio Lower Upper

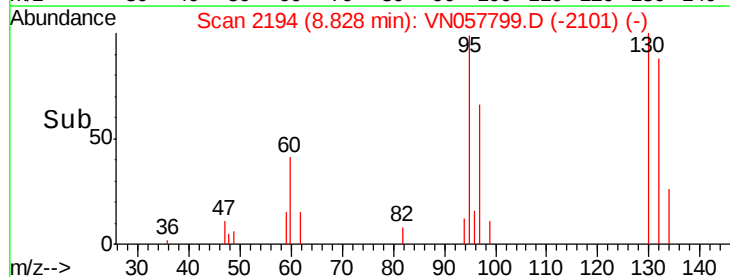
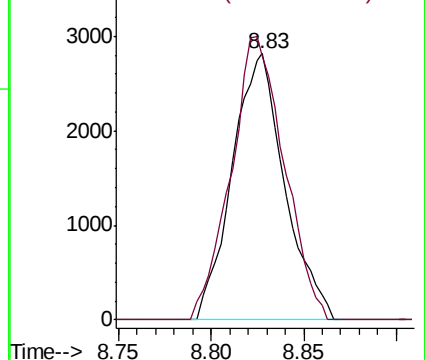
130 100

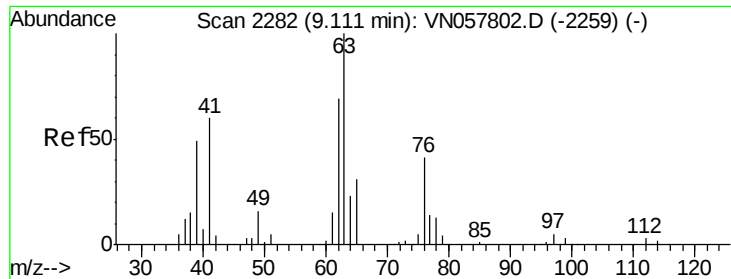
95 99.2 0.0 211.4



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

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

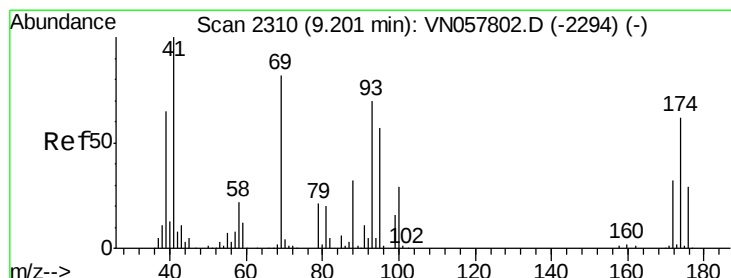
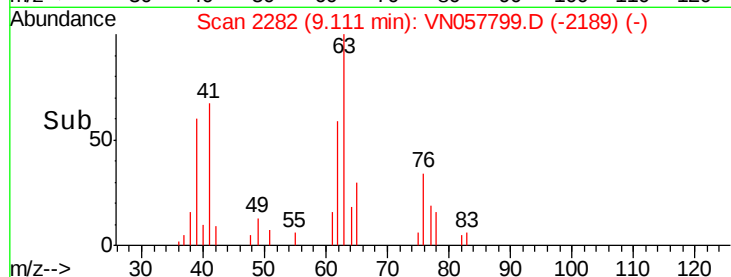
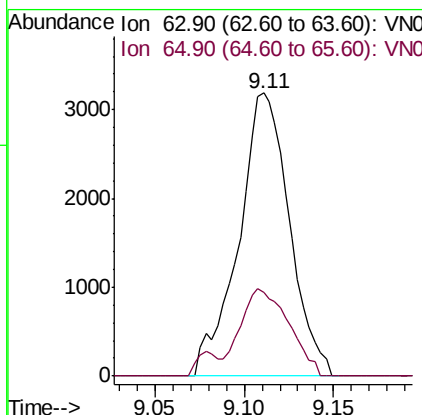
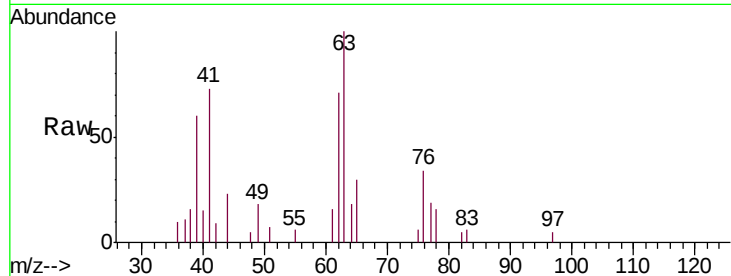




#45
 1,2-Dichloropropane
 Concen: 1.127 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

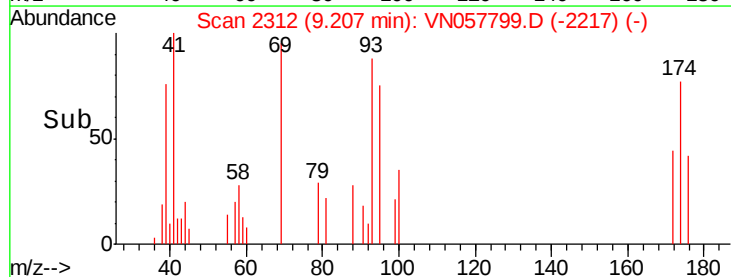
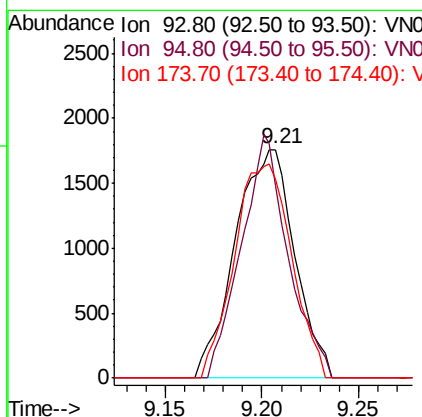
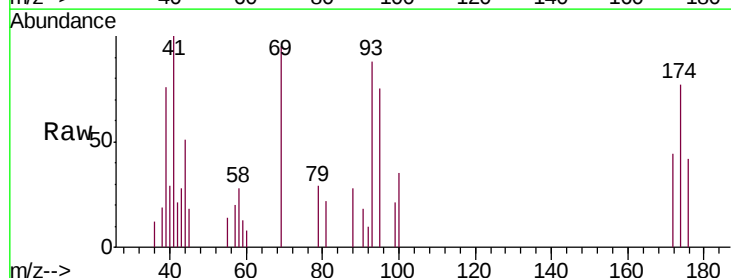
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 63 Resp: 6348
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.8 37.2



#46
 Dibromomethane
 Concen: 1.046 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion: 93 Resp: 3745
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.9 98.9
 174 90.6 71.8 107.6





#47

Bromodichloromethane

Concen: 0.882 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

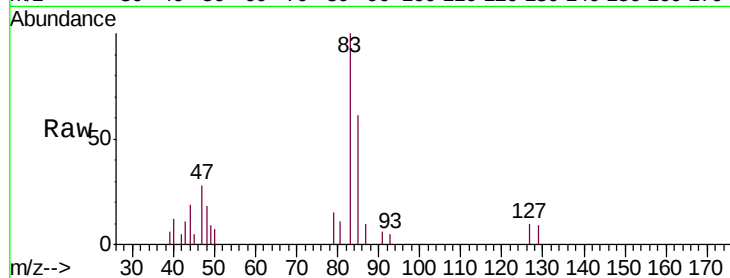
Tgt Ion: 83 Resp: 6699

Ion Ratio Lower Upper

83 100

85 60.9 49.9 74.9

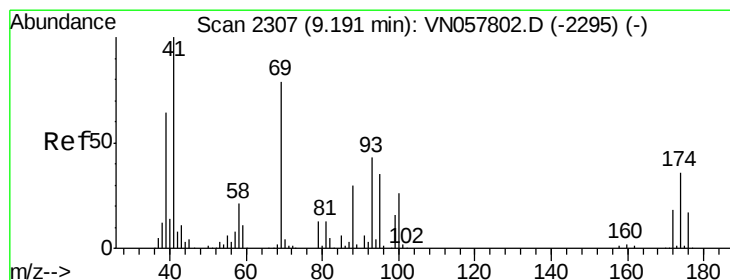
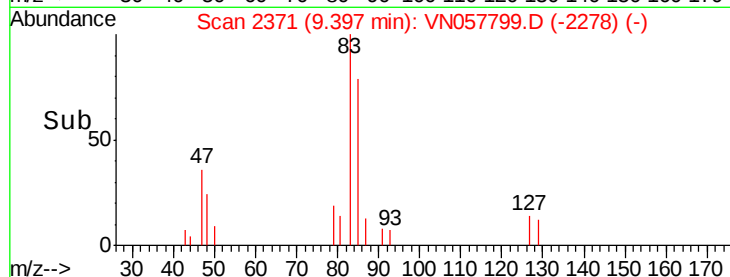
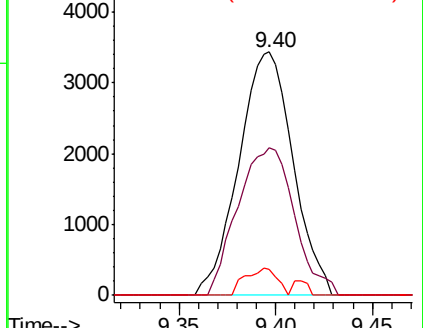
127 10.4 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VN057799.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057799.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057799.D (-2278) (-)



#48

Methyl methacrylate

Concen: 0.986 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

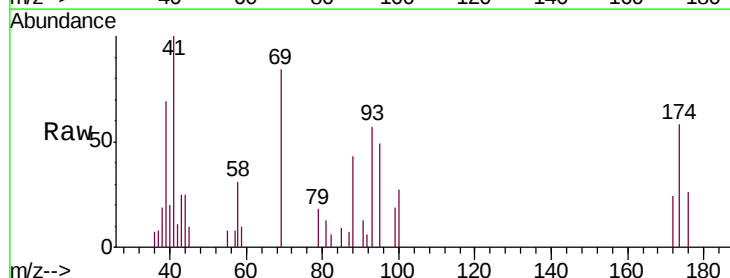
Tgt Ion: 41 Resp: 6735

Ion Ratio Lower Upper

41 100

69 74.6 62.7 94.1

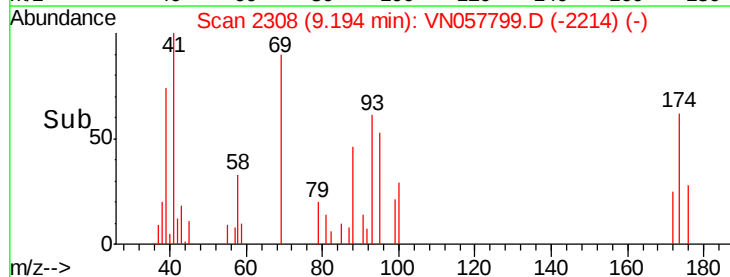
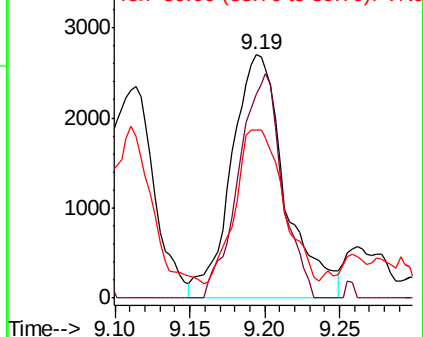
39 55.9 52.7 79.1

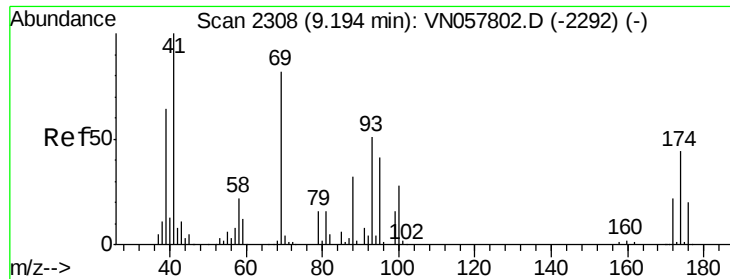


Abundance Ion 41.00 (40.70 to 41.70): VN057799.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057799.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057799.D (-2214) (-)





#49

1,4-Dioxane

Concen: 25.353 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

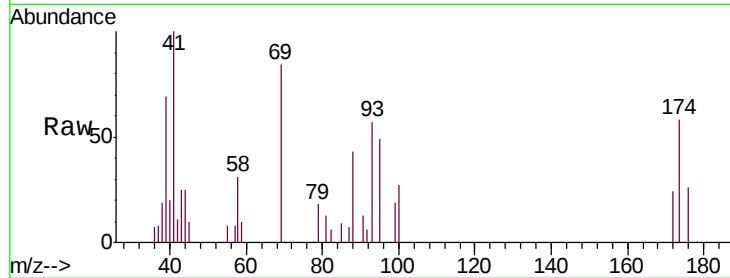
Tgt Ion: 88 Resp: 2109

Ion Ratio Lower Upper

88 100

43 37.2 28.5 42.7

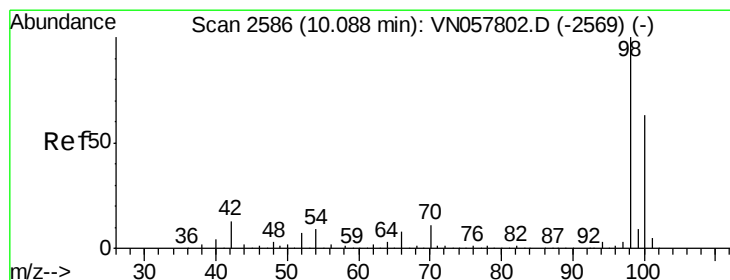
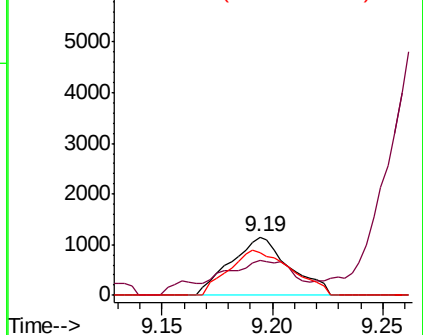
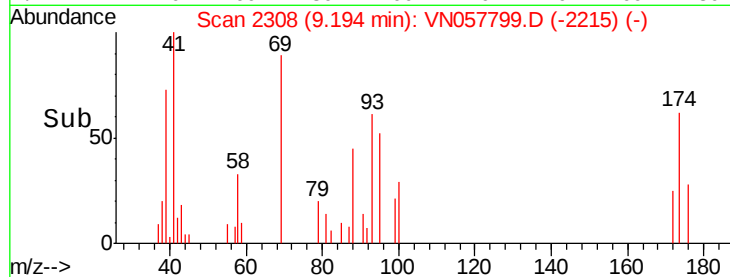
58 83.2 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN057799.D (-2215) (-)

Ion 43.00 (42.70 to 43.70): VN057799.D (-2215) (-)

Ion 58.00 (57.70 to 58.70): VN057799.D (-2215) (-)



#50

Toluene-d8

Concen: 1.055 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057799.D

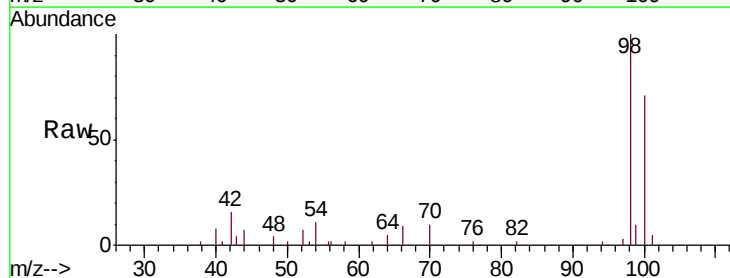
Acq: 9 Sep 2019 14:42

Tgt Ion: 98 Resp: 19480

Ion Ratio Lower Upper

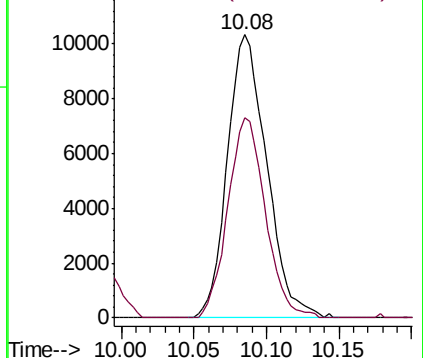
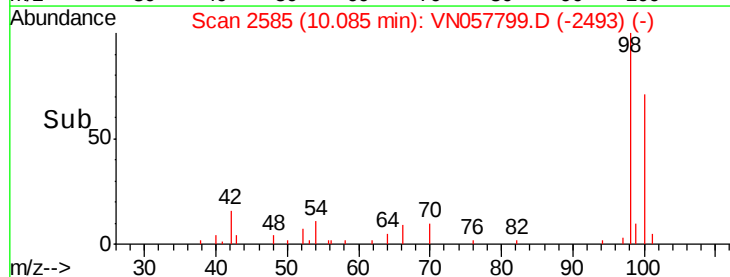
98 100

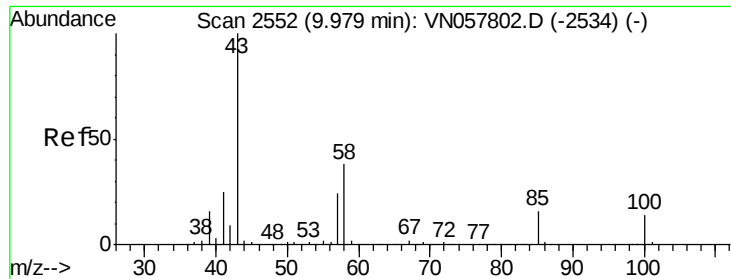
100 67.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057799.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN057799.D (-2493) (-)





#51

4-Methyl-2-Pentanone

Concen: 5.050 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

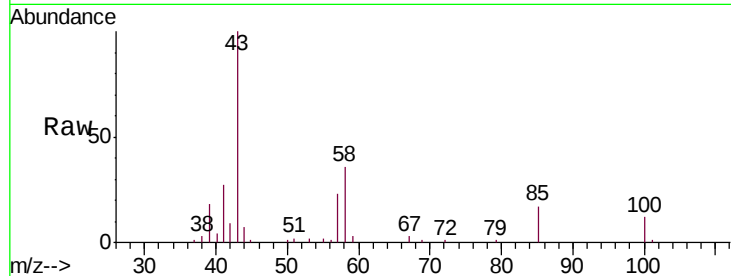
VSTDIC001

Tgt Ion: 43 Resp: 37752

Ion Ratio Lower Upper

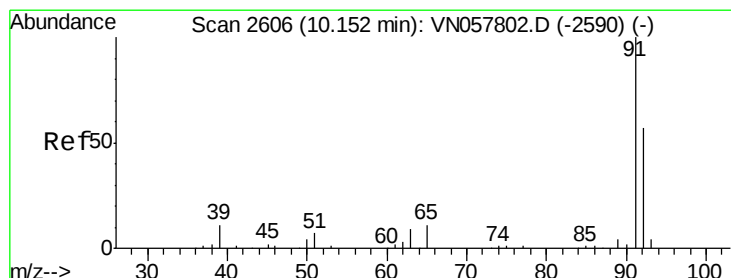
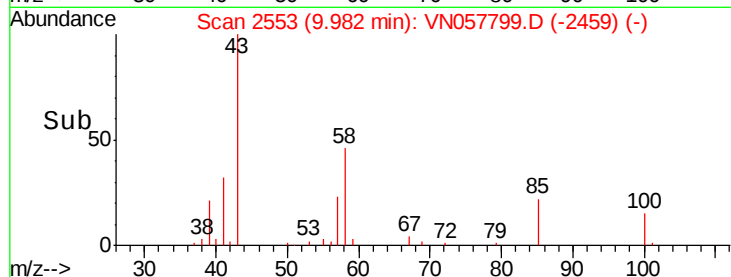
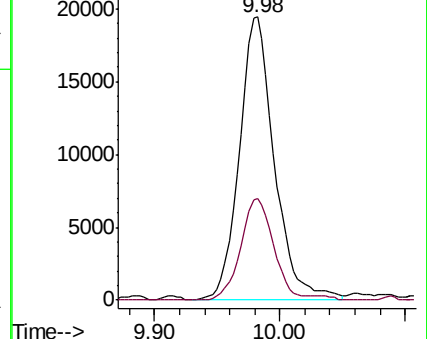
43 100

58 34.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)



#52

Toluene

Concen: 1.108 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057799.D

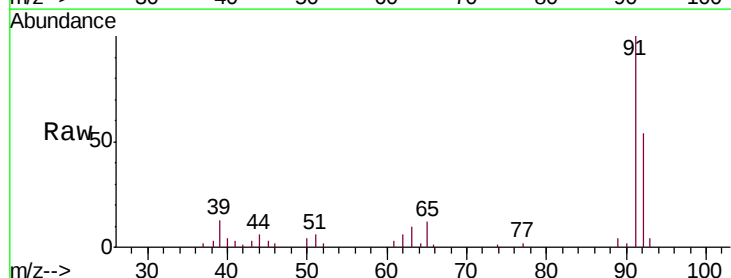
Acq: 9 Sep 2019 14:42

Tgt Ion: 92 Resp: 13561

Ion Ratio Lower Upper

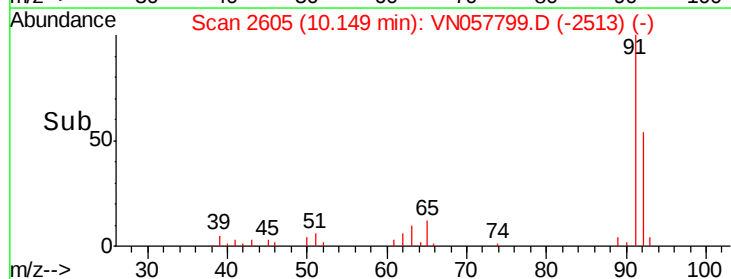
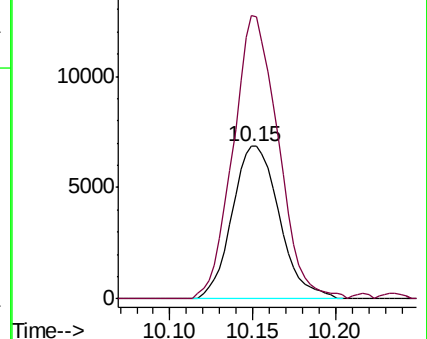
92 100

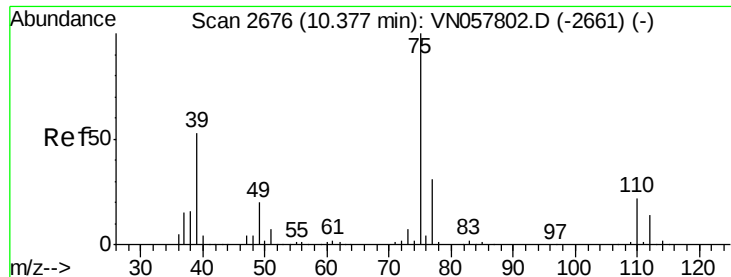
91 178.0 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 0.839 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

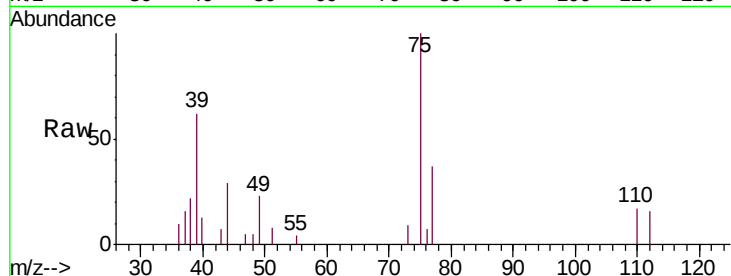
VSTDIC001

Tgt Ion: 75 Resp: 6436

Ion Ratio Lower Upper

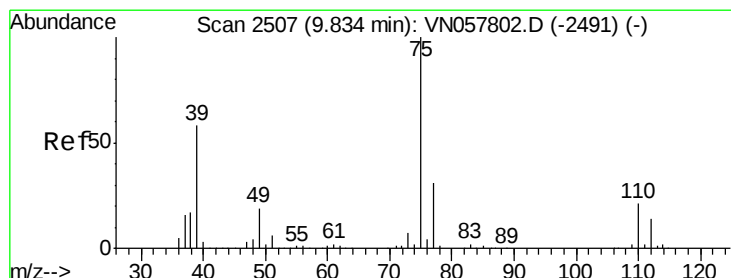
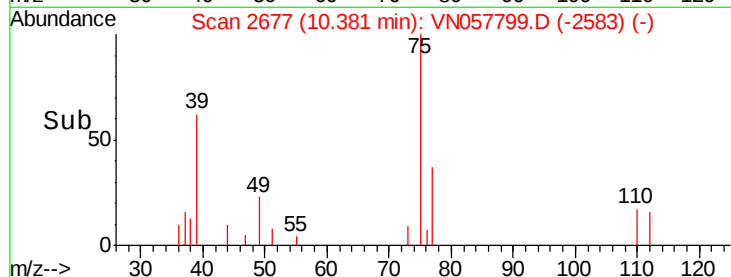
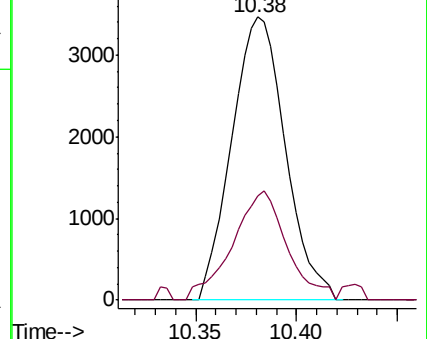
75 100

77 32.3 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-2661) (-)

Ion 76.90 (76.60 to 77.60): VN057802.D (-2661) (-)



#54

cis-1,3-Dichloropropene

Concen: 0.893 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

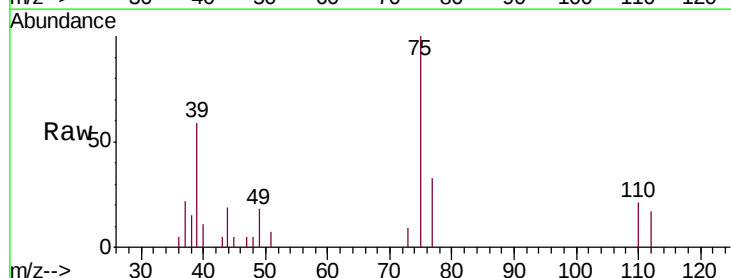
Tgt Ion: 75 Resp: 7421

Ion Ratio Lower Upper

75 100

77 33.2 24.8 37.2

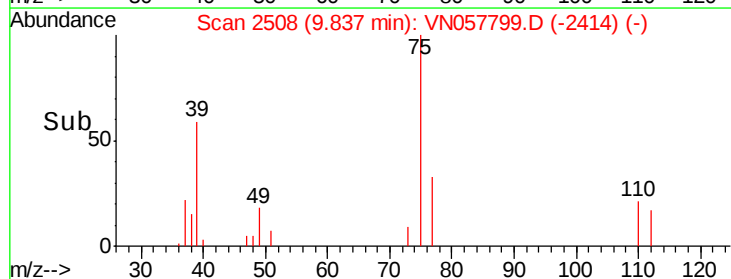
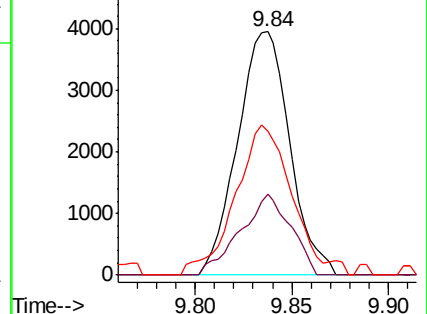
39 53.9 46.2 69.4

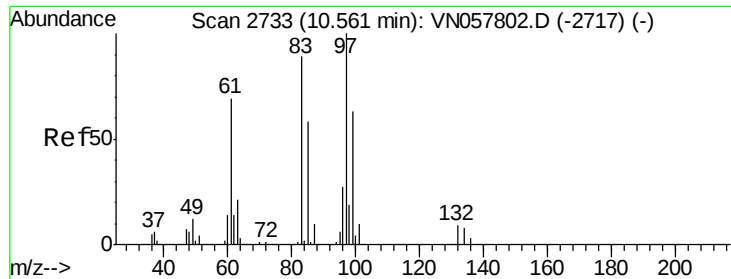


Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-2491) (-)

Ion 76.90 (76.60 to 77.60): VN057802.D (-2491) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-2491) (-)





#55

1,1,2-Trichloroethane

Concen: 1.098 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tgt Ion: 97 Resp: 5485

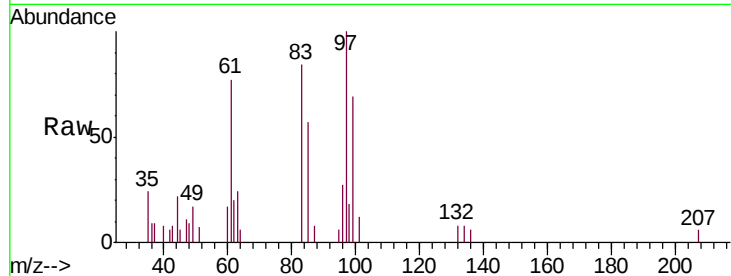
Ion Ratio Lower Upper

97 100

83 84.2 70.8 106.2

85 57.2 46.0 69.0

99 68.9 50.6 76.0

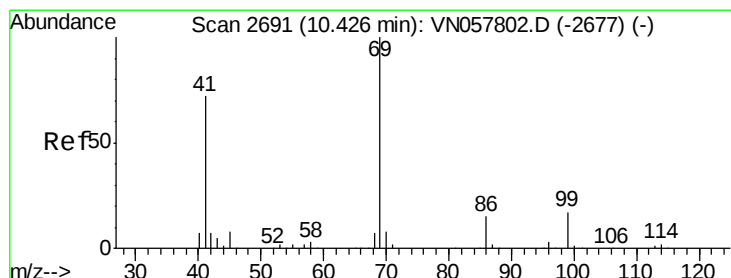
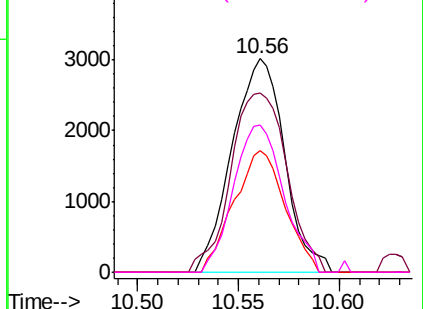
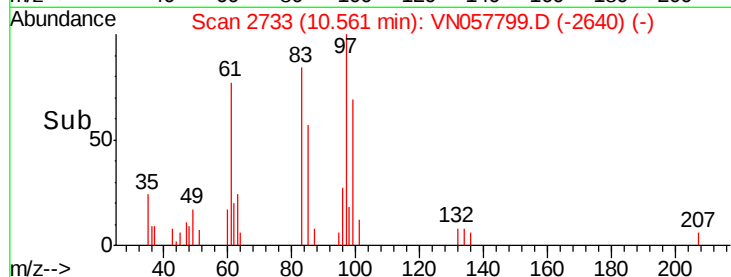


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 0.964 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

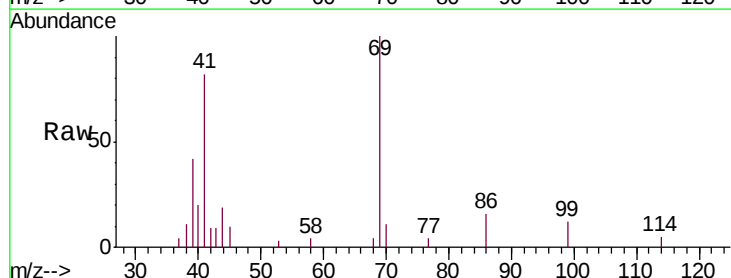
Tgt Ion: 69 Resp: 7624

Ion Ratio Lower Upper

69 100

41 85.7 56.7 85.1#

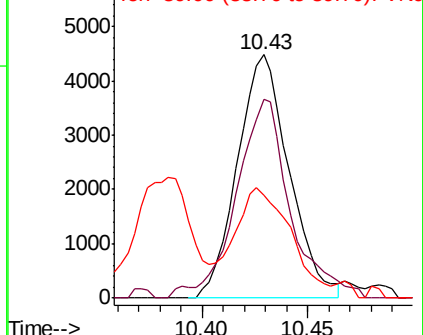
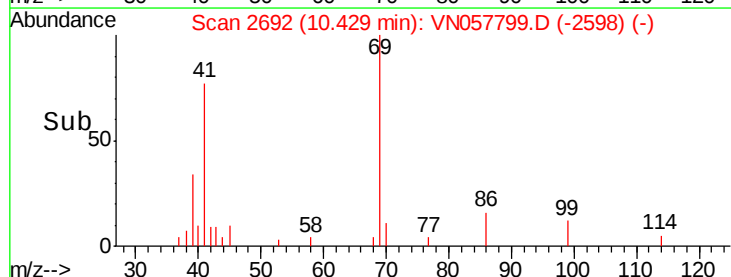
39 43.1 36.3 54.5

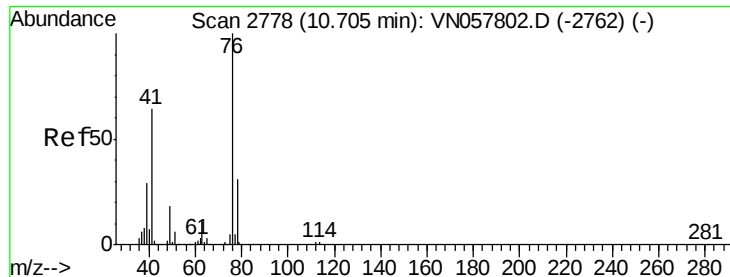


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.068 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

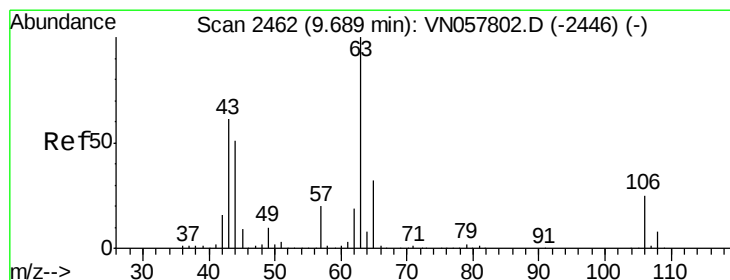
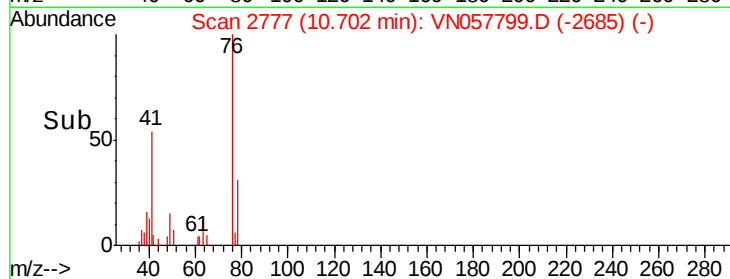
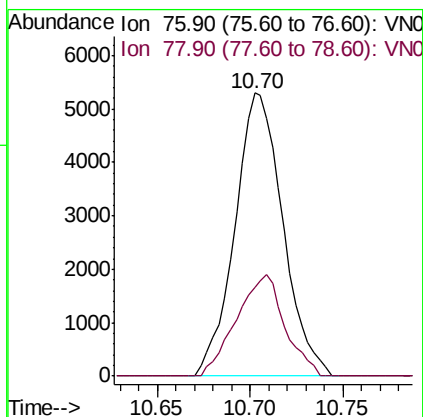
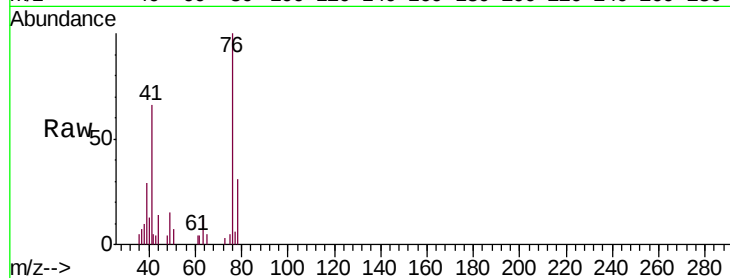
VSTDIC001

Tgt Ion: 76 Resp: 9539

Ion Ratio Lower Upper

76 100

78 35.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 4.515 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057799.D

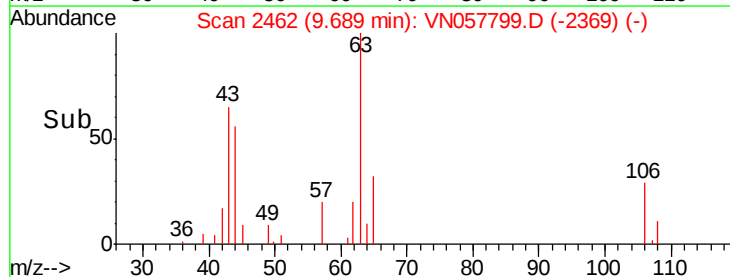
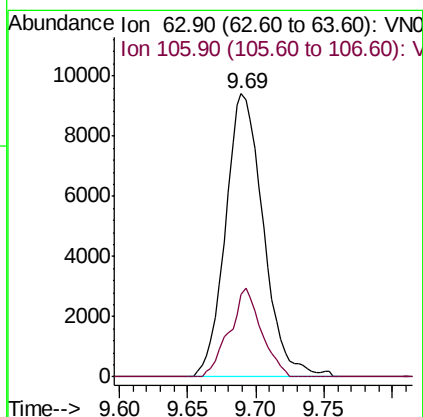
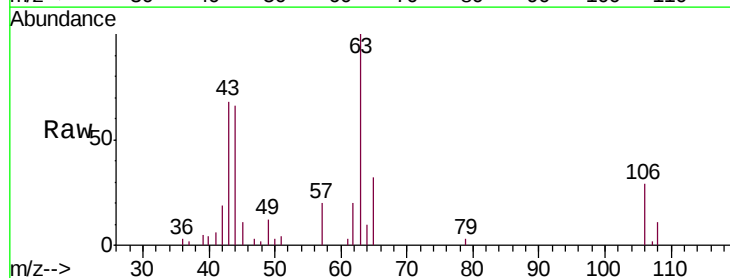
Acq: 9 Sep 2019 14:42

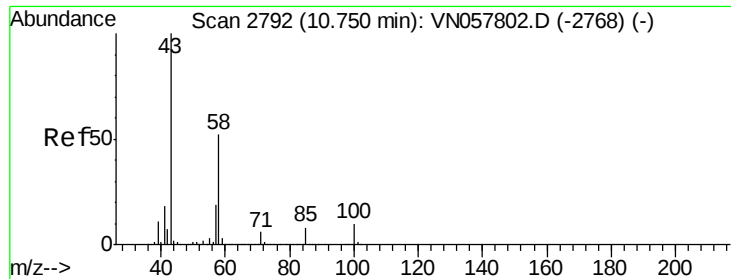
Tgt Ion: 63 Resp: 18134

Ion Ratio Lower Upper

63 100

106 26.4 20.0 30.0

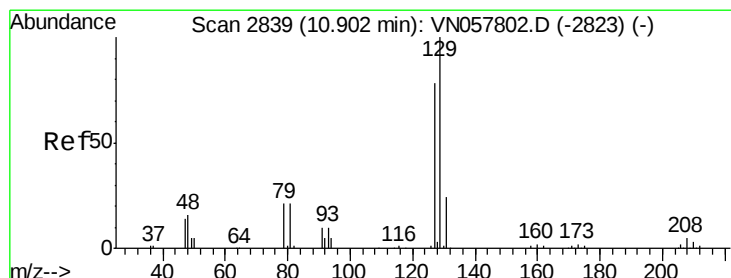
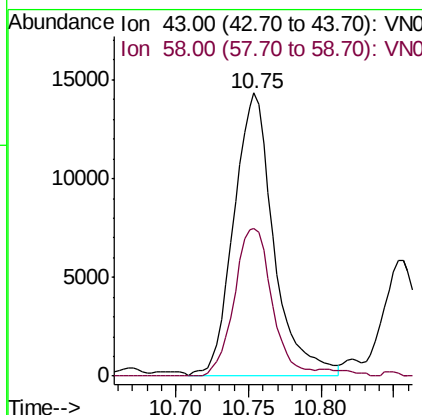
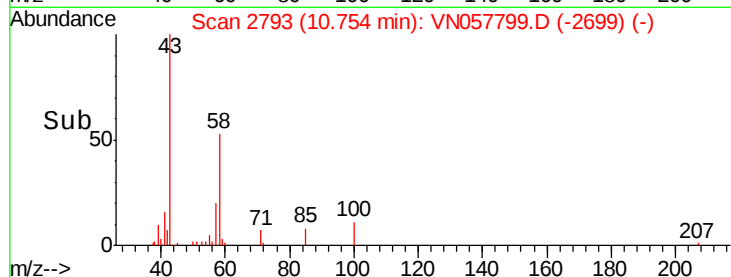
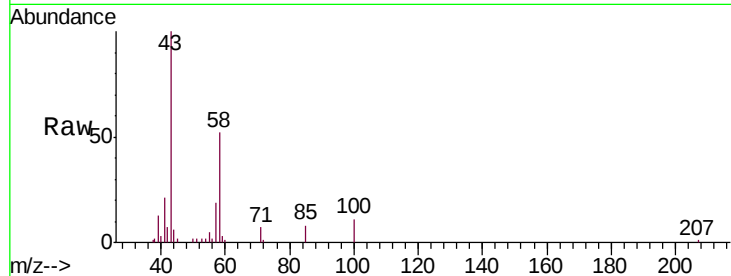




#59
2-Hexanone
Concen: 5.176 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

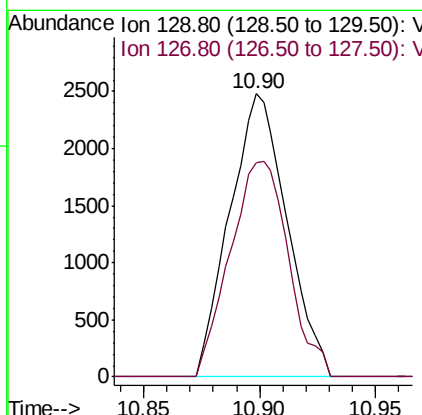
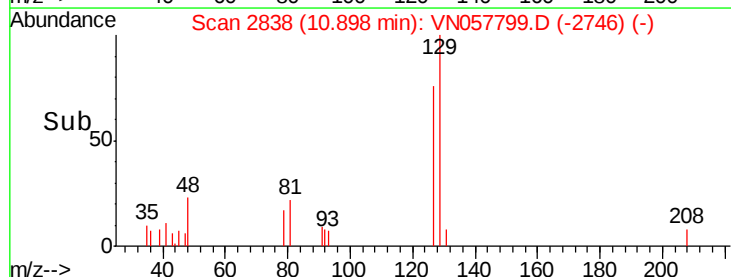
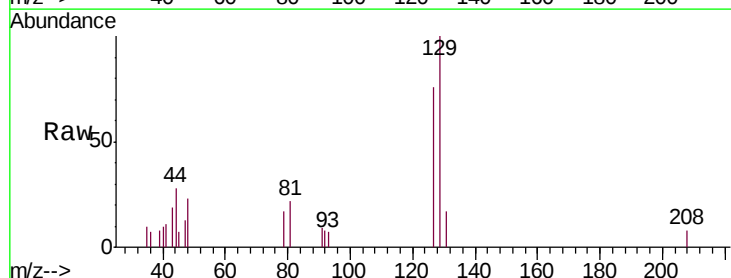
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

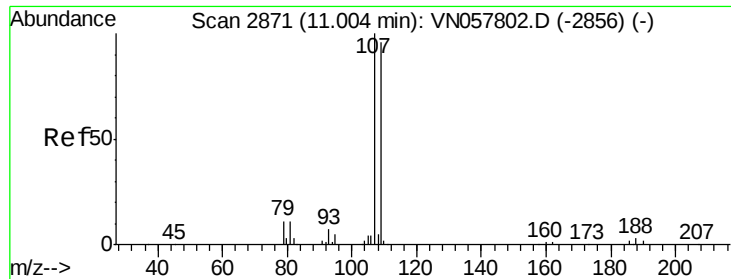
Tgt Ion: 43 Resp: 27518
Ion Ratio Lower Upper
43 100
58 48.9 25.6 76.8



#60
Dibromochloromethane
Concen: 0.883 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion: 129 Resp: 4250
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

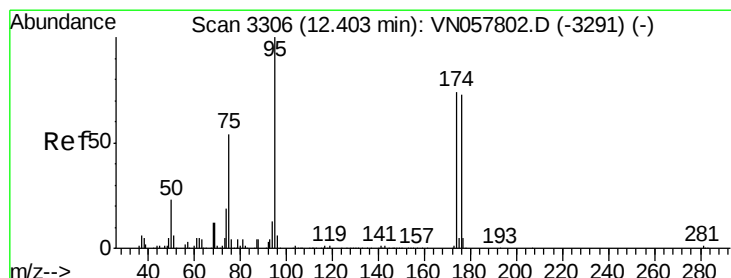
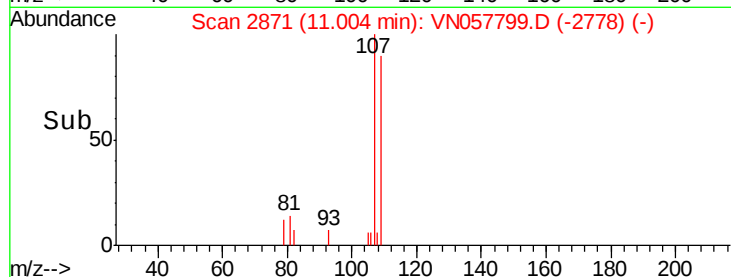
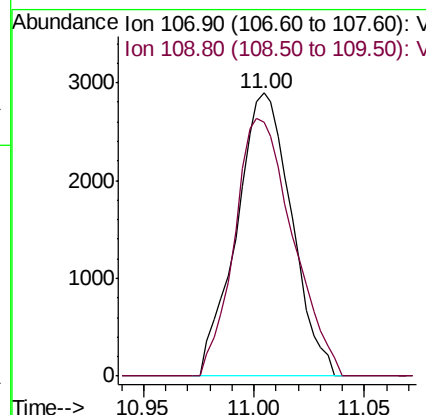
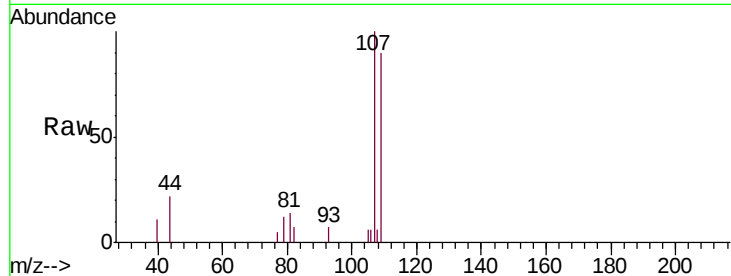




#61
 1,2-Dibromoethane
 Concen: 1.051 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

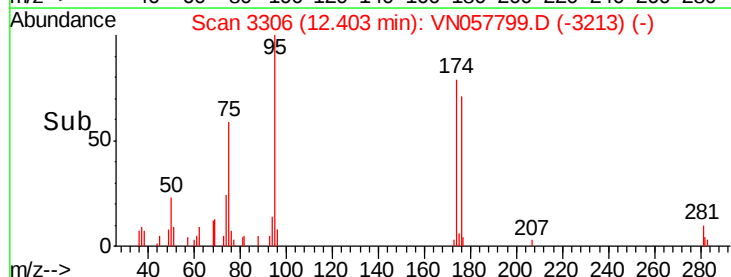
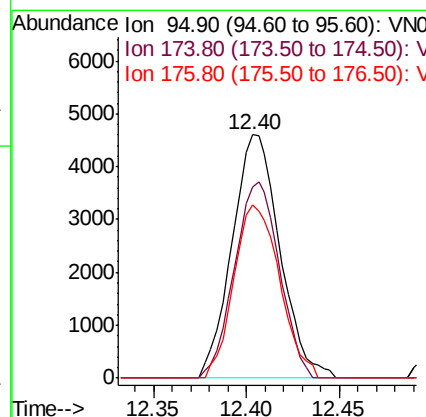
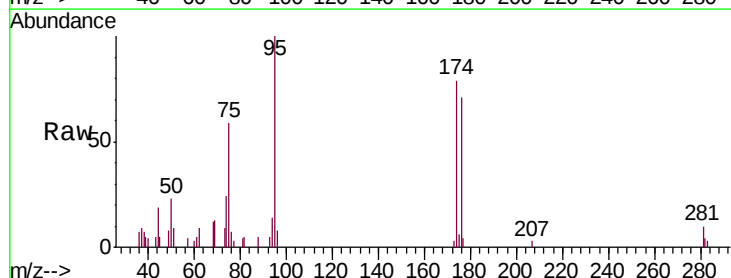
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

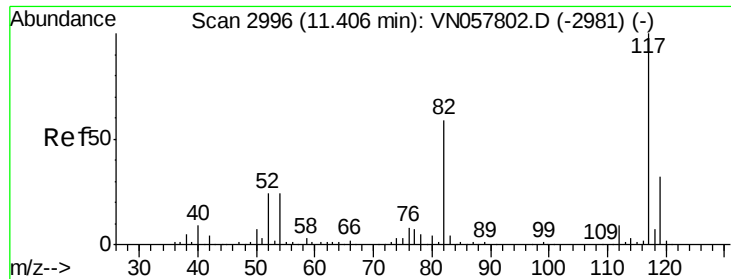
Tgt Ion: 107 Resp: 5001
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 1.103 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion: 95 Resp: 8241
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.2
 176 68.1 0.0 146.0

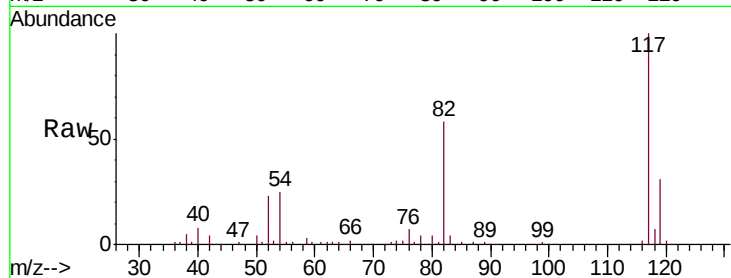




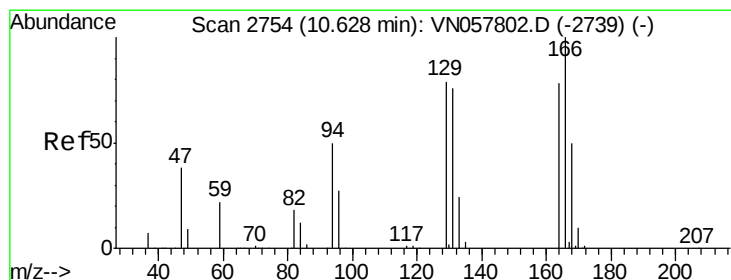
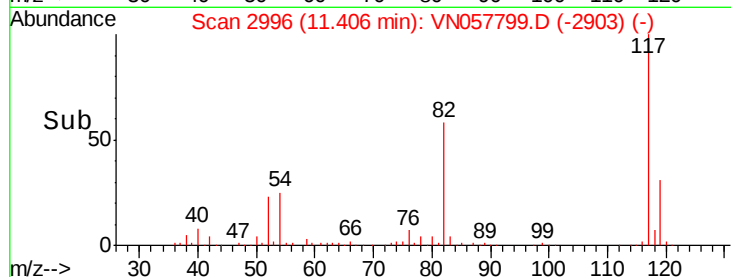
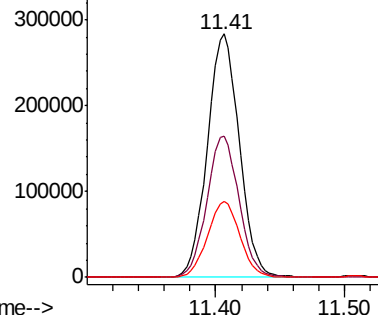
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 489430
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 31.4 25.3 37.9

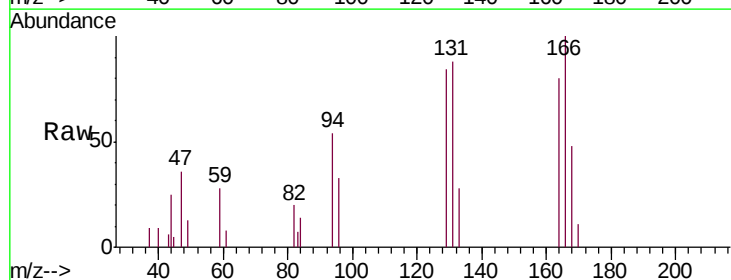


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

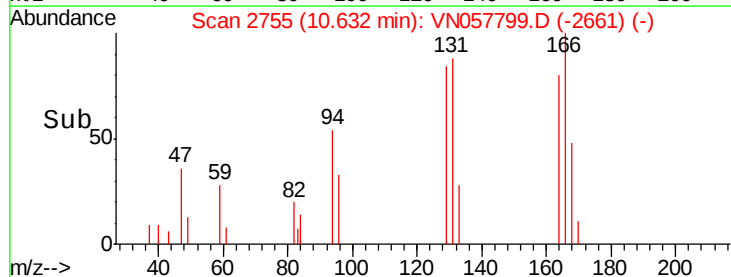
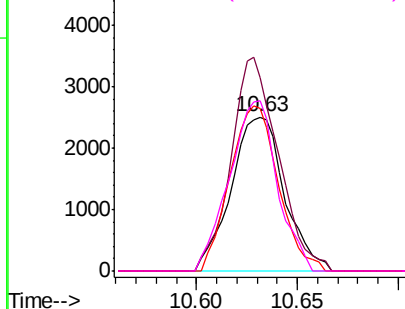


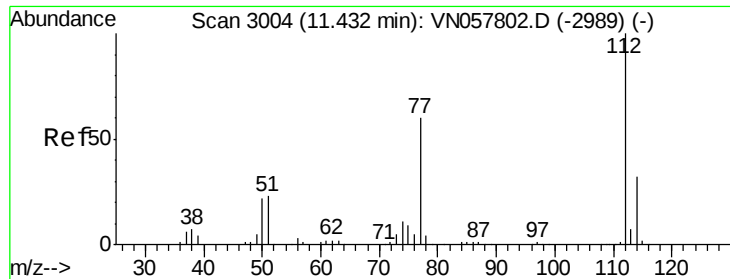
#64
Tetrachloroethene
Concen: 1.231 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion:164 Resp: 4633
Ion Ratio Lower Upper
164 100
166 125.5 102.2 153.2
129 105.7 80.8 121.2
131 111.0 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

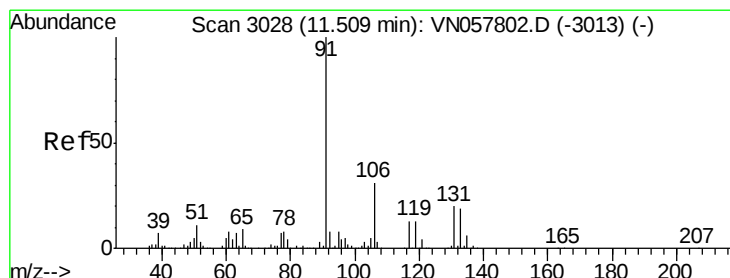
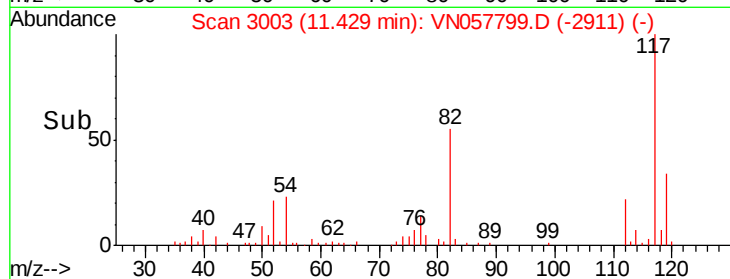
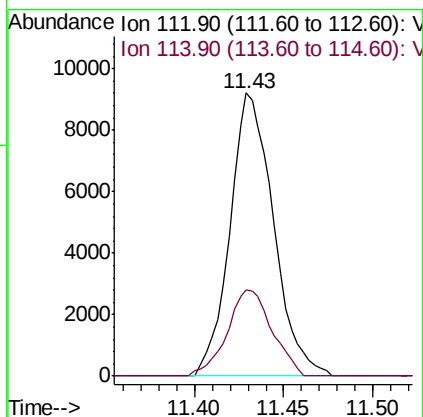
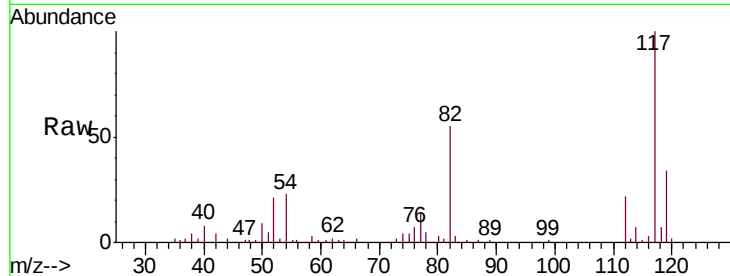




#65
Chlorobenzene
Concen: 1.224 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

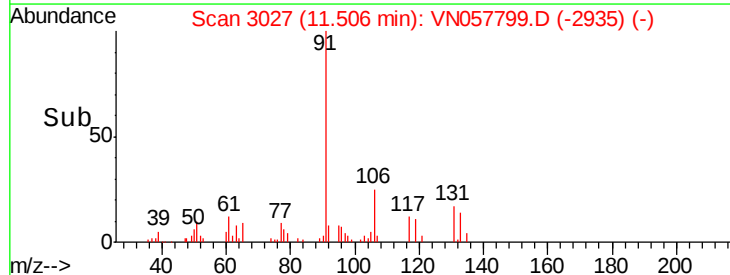
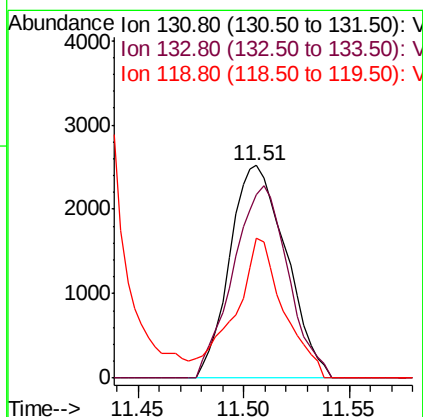
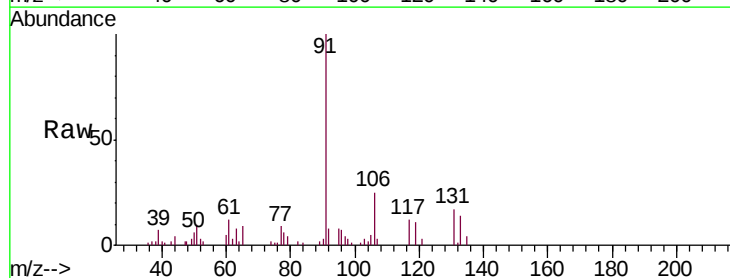
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

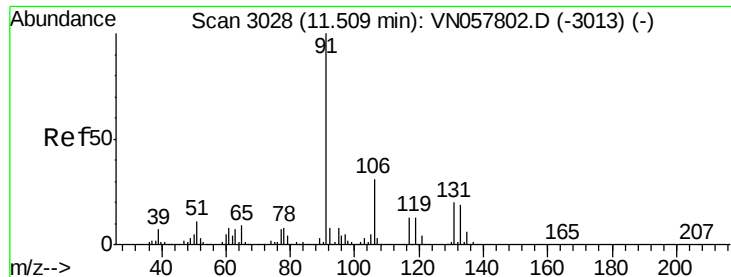
Tgt Ion:112 Resp: 15667
Ion Ratio Lower Upper
112 100
114 30.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.051 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion:131 Resp: 4682
Ion Ratio Lower Upper
131 100
133 88.0 47.1 141.3
119 0.0 33.3 99.8#

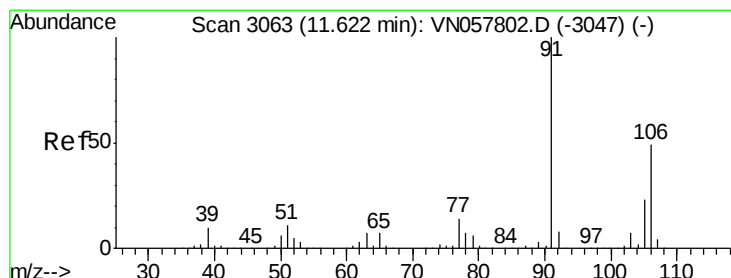
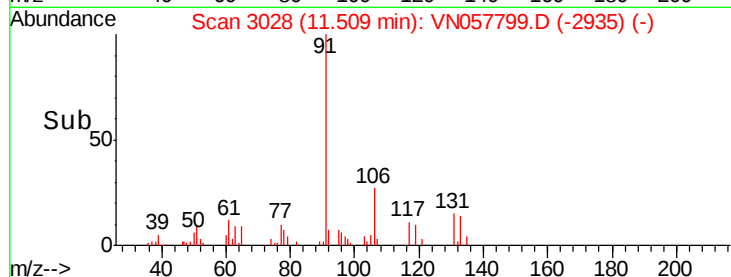
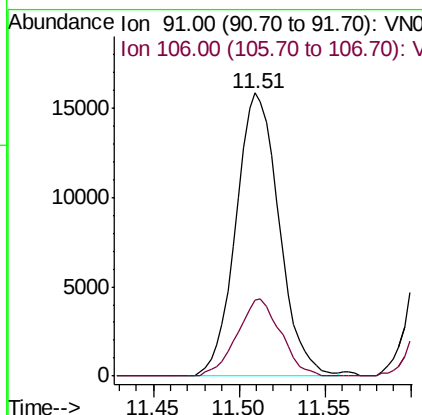
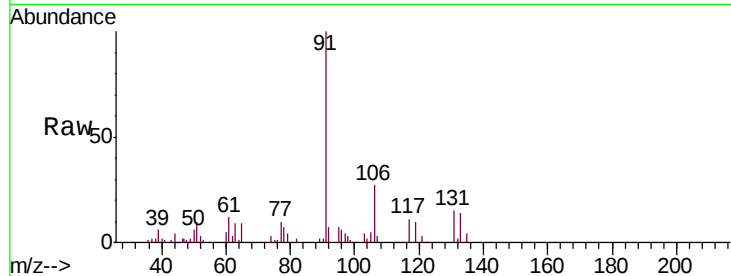




#67
Ethyl Benzene
Concen: 1.140 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

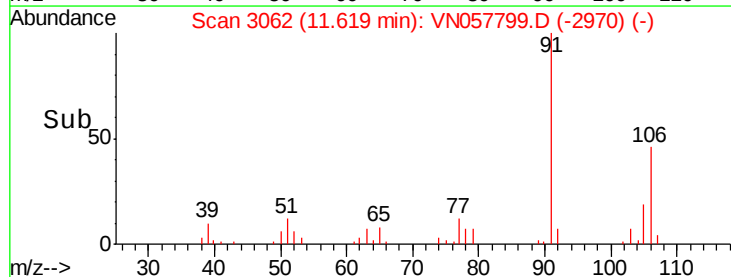
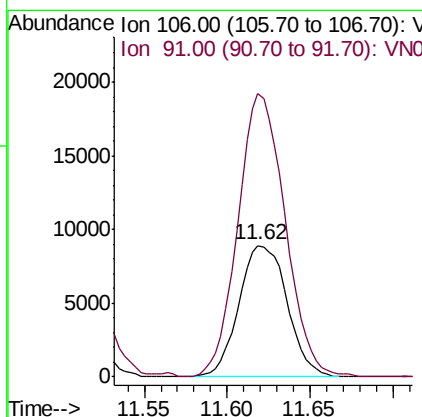
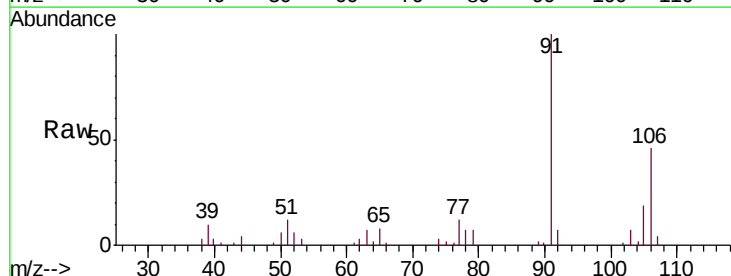
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

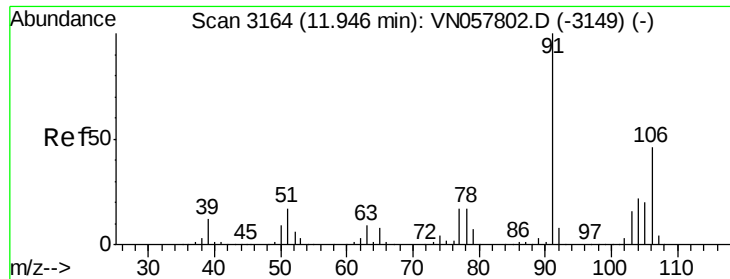
Tgt Ion: 91 Resp: 27673
Ion Ratio Lower Upper
91 100
106 26.7 24.4 36.6



#68
m/p-Xylenes
Concen: 2.133 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion: 106 Resp: 18019
Ion Ratio Lower Upper
106 100
91 211.3 165.8 248.6

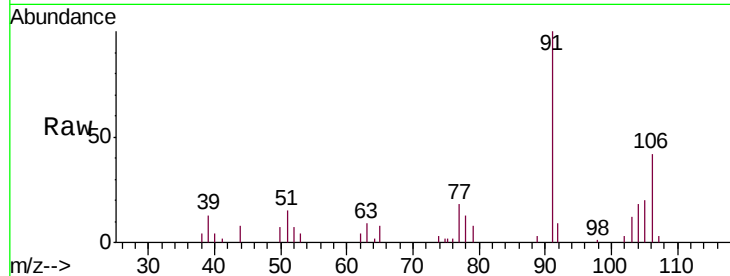




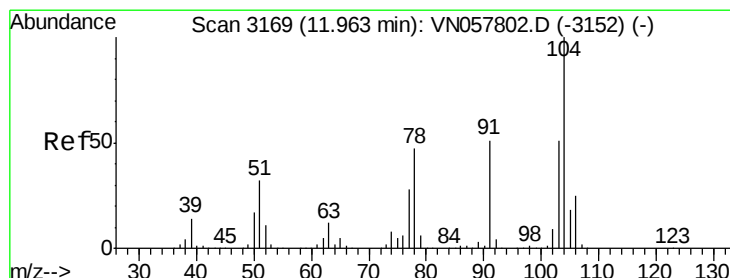
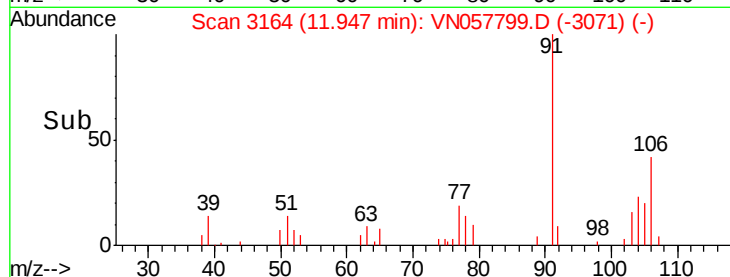
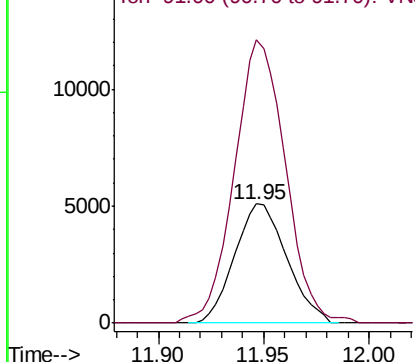
#69
o-Xylene
Concen: 1.044 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 8769
Ion Ratio Lower Upper
106 100
91 232.1 108.7 326.1

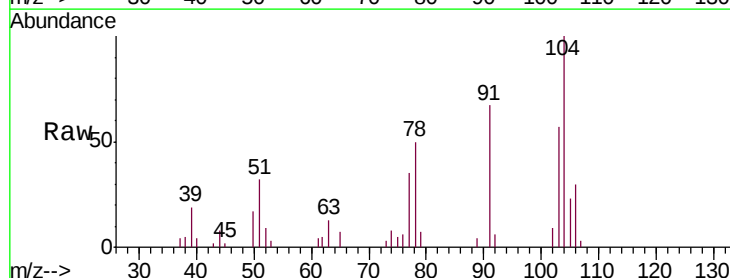


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

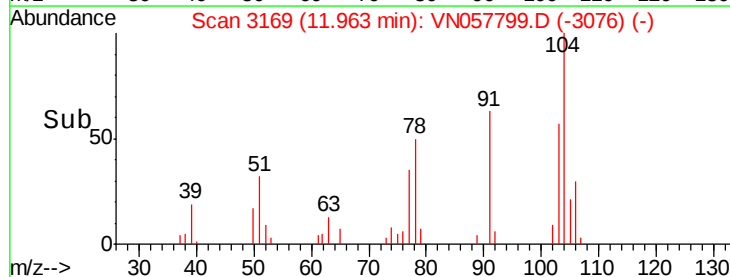
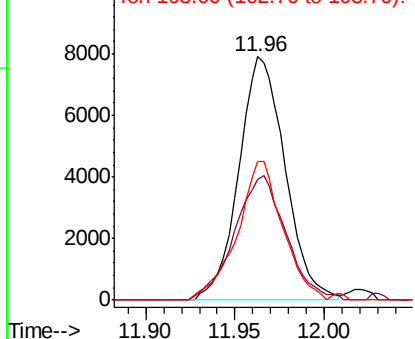


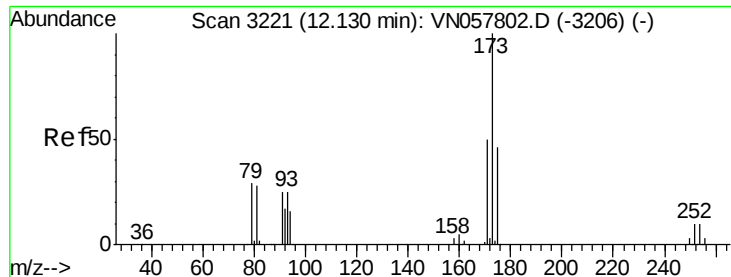
#70
Styrene
Concen: 0.984 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion:104 Resp: 14346
Ion Ratio Lower Upper
104 100
78 56.7 41.3 61.9
103 56.1 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

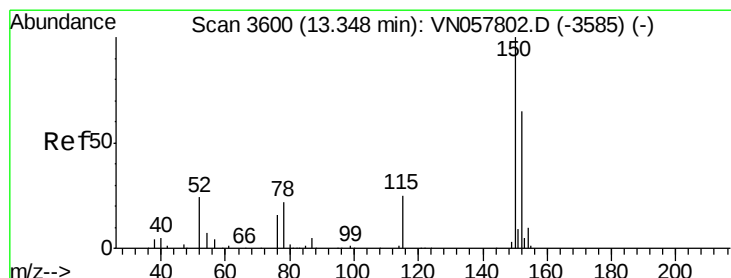
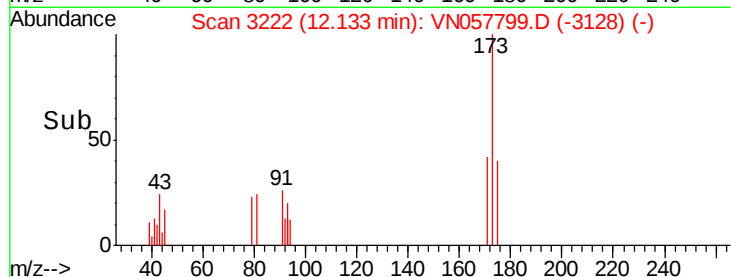
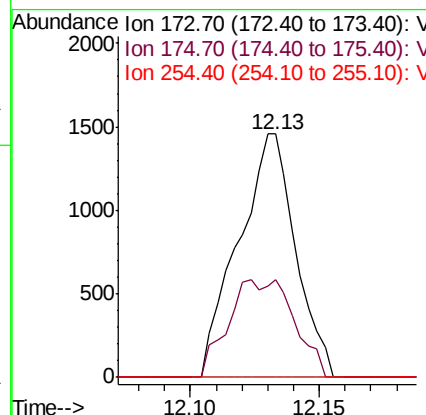
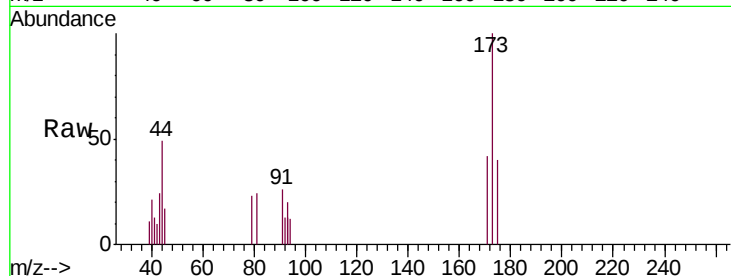




#71
Bromoform
Concen: 0.785 ug/l
RT: 12.13 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

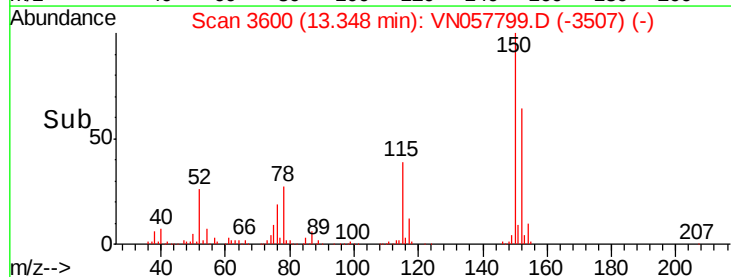
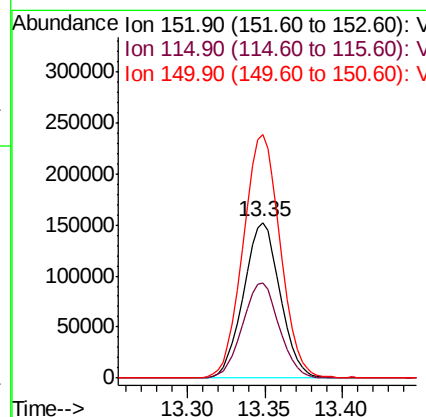
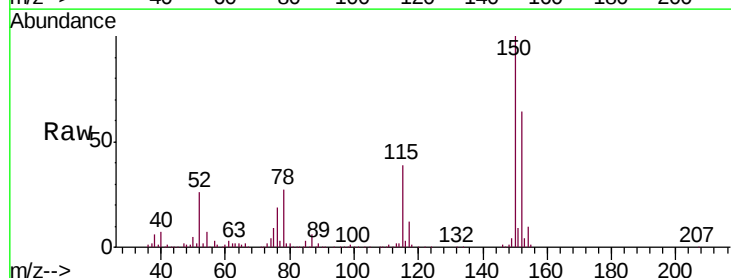
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

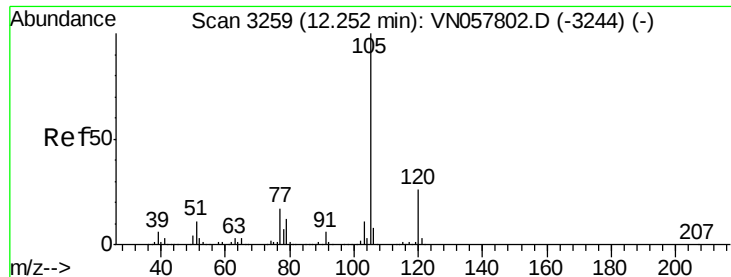
Tgt Ion:173 Resp: 2253
Ion Ratio Lower Upper
173 100
175 23.7 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion:152 Resp: 251216
Ion Ratio Lower Upper
152 100
115 60.7 30.3 91.0
150 157.7 0.0 352.4





#73

Isopropylbenzene

Concen: 1.047 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

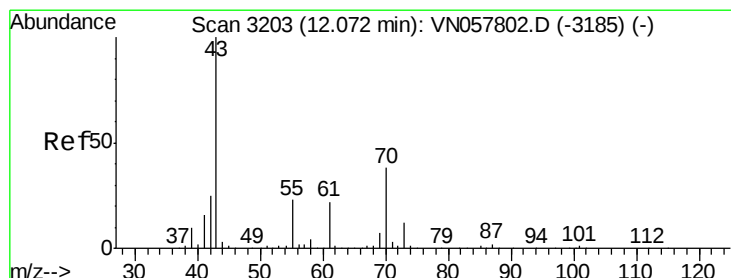
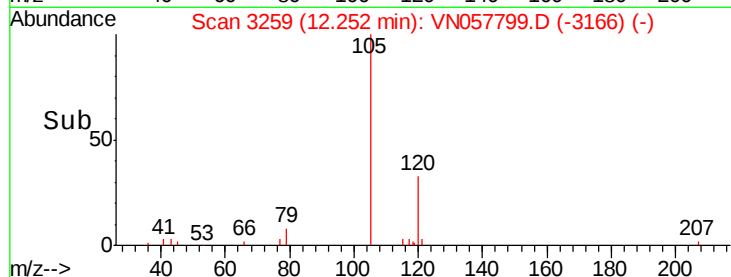
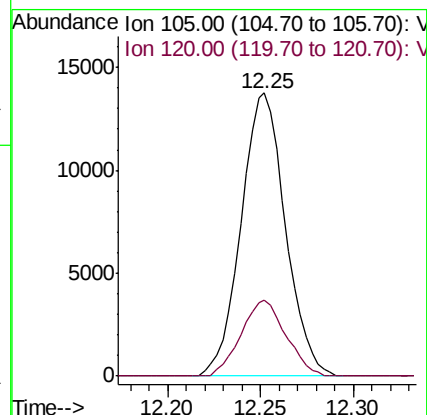
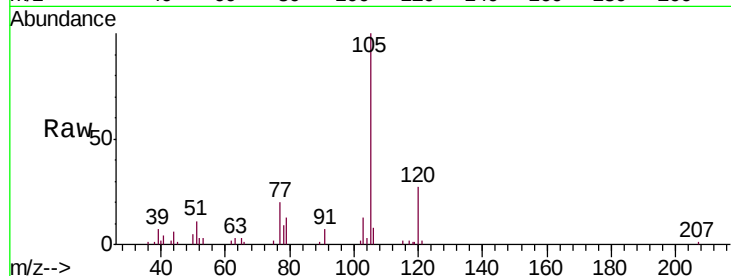
VSTDIC001

Tgt Ion:105 Resp: 22793

Ion Ratio Lower Upper

105 100

120 26.9 12.8 38.4



#74

N-ethyl acetate

Concen: 0.751 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Tgt Ion: 43 Resp: 8013

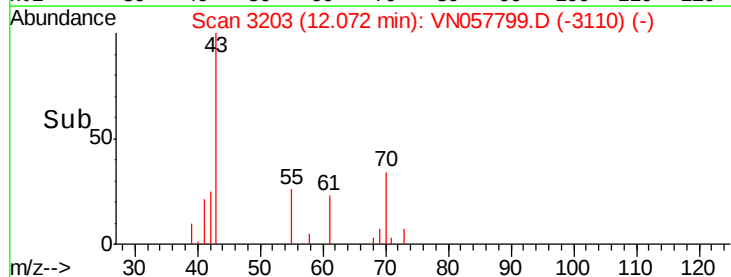
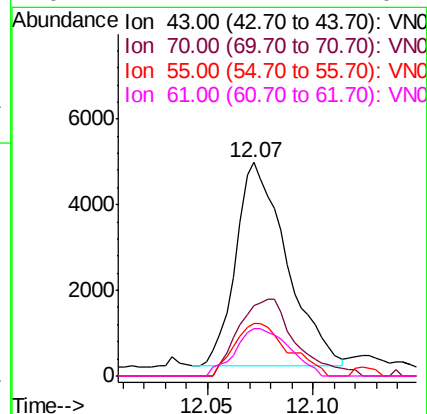
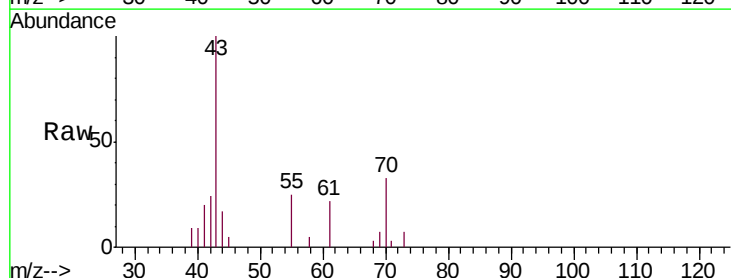
Ion Ratio Lower Upper

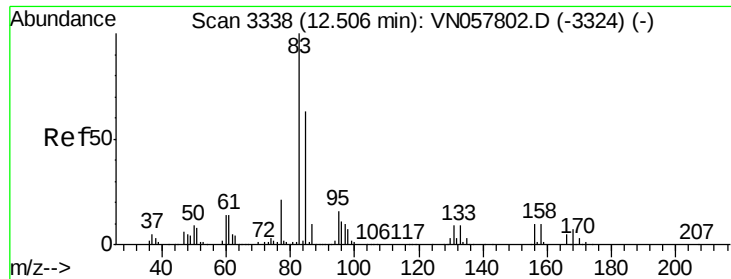
43 100

70 41.9 30.6 45.8

55 26.9 18.6 27.8

61 24.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 1.193 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

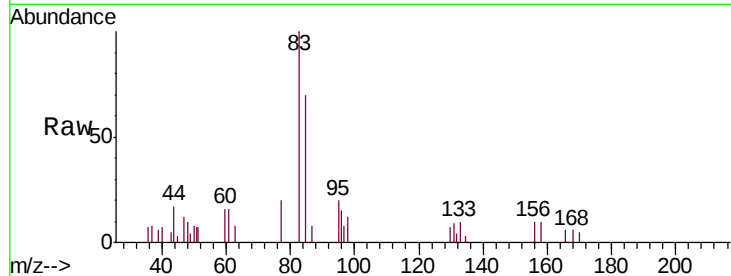
Tgt Ion: 83 Resp: 7921

Ion Ratio Lower Upper

83 100

131 11.0 4.8 14.3

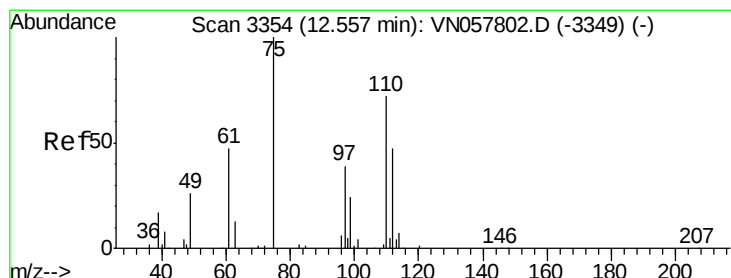
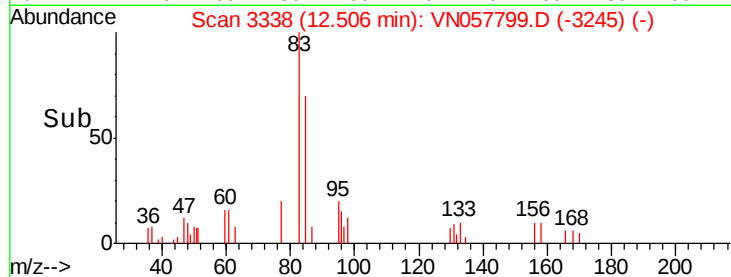
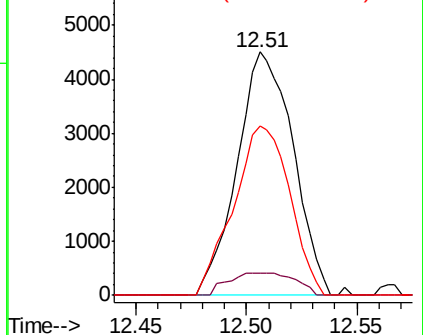
85 69.7 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.552 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN057799.D

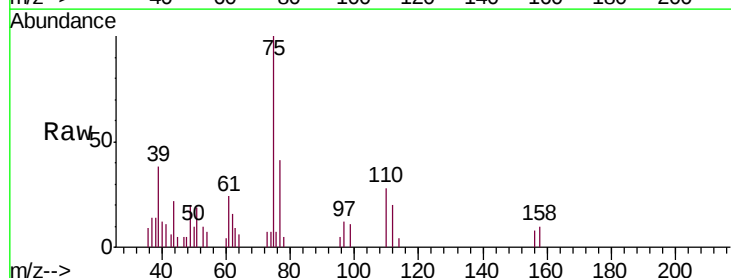
Acq: 9 Sep 2019 14:42

Tgt Ion: 75 Resp: 8889

Ion Ratio Lower Upper

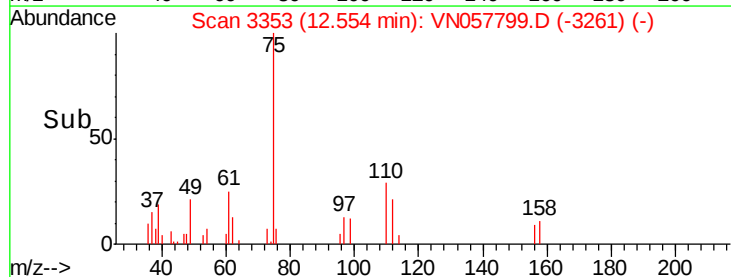
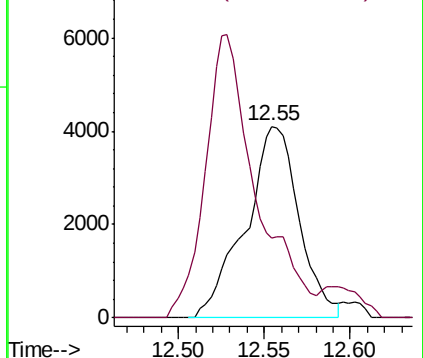
75 100

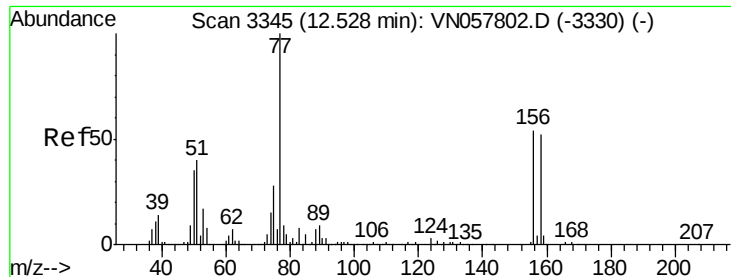
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.260 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

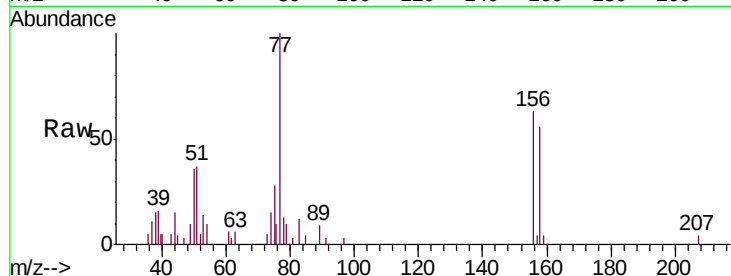
Tgt Ion:156 Resp: 6025

Ion Ratio Lower Upper

156 100

77 208.5 113.7 341.1

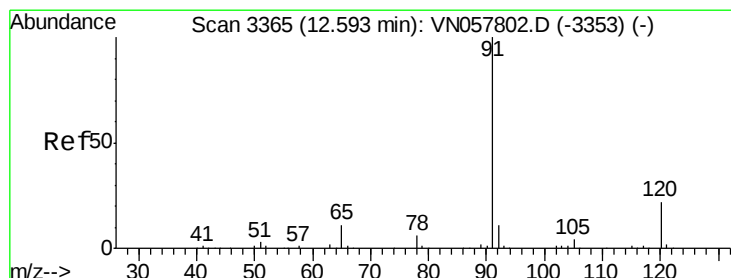
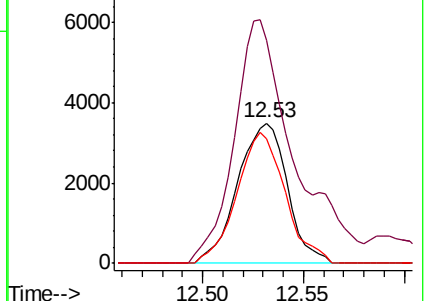
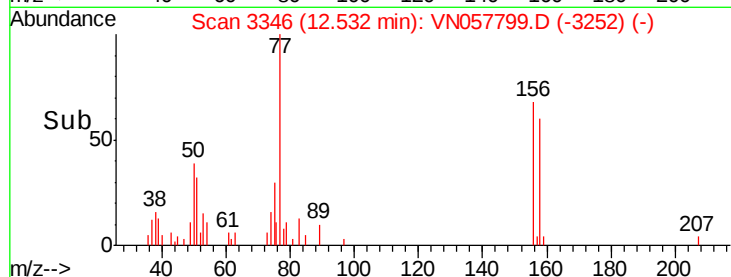
158 90.6 48.5 145.6



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: 1.048 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057799.D

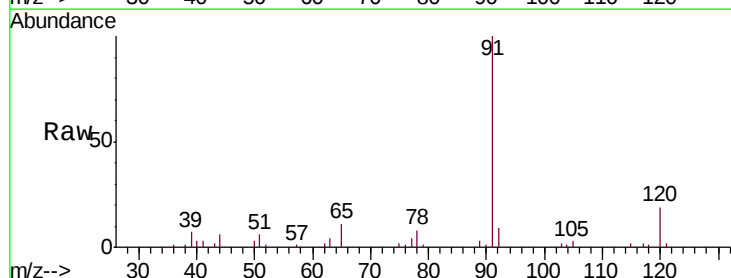
Acq: 9 Sep 2019 14:42

Tgt Ion: 91 Resp: 26970

Ion Ratio Lower Upper

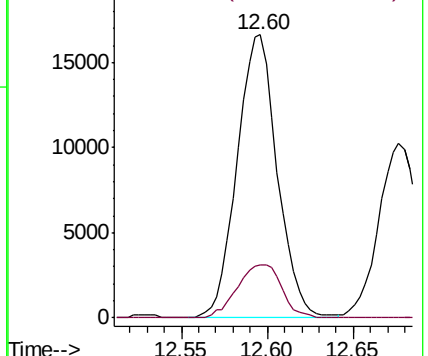
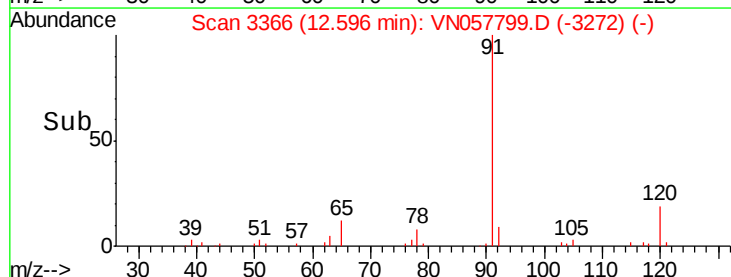
91 100

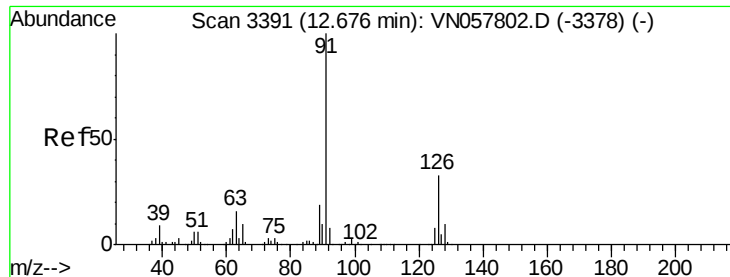
120 20.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

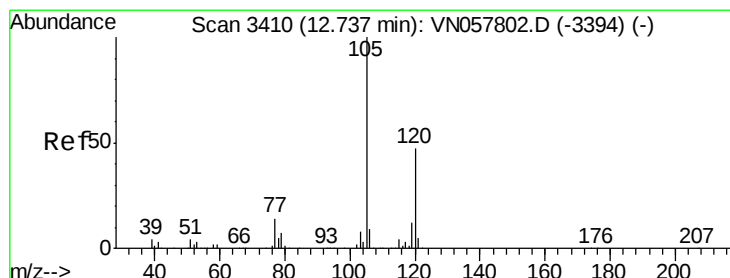
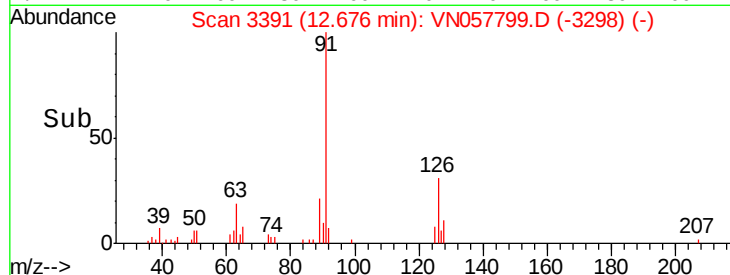
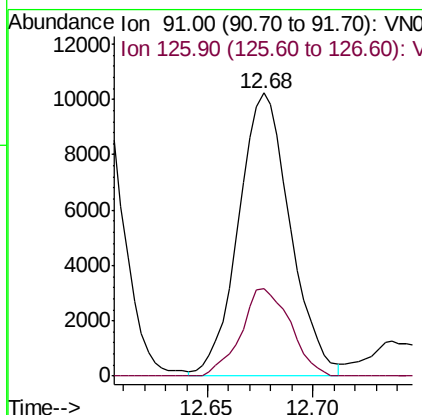
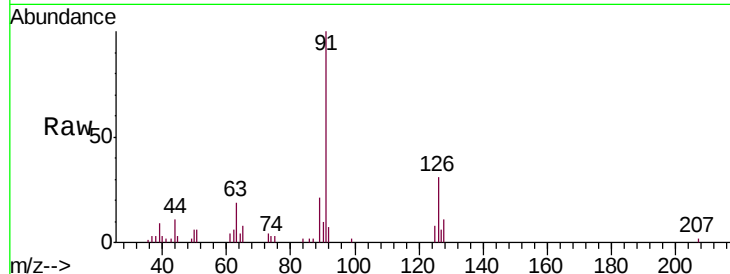




#79
 2-Chlorotoluene
 Concen: 1.113 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

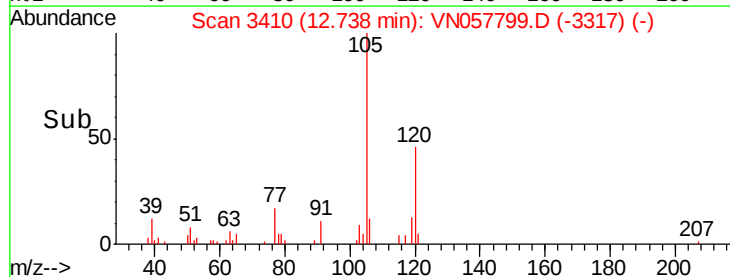
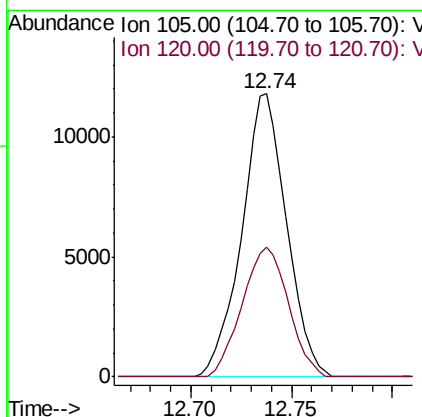
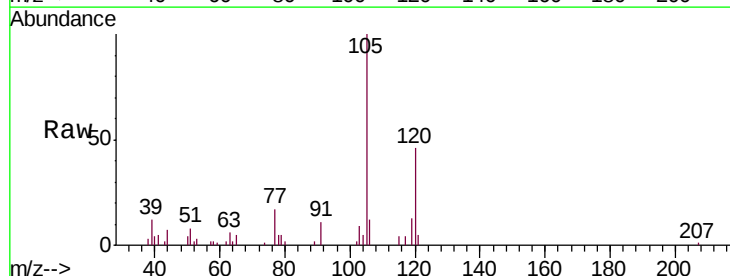
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

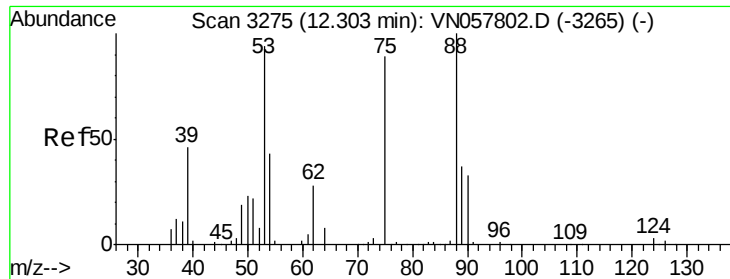
Tgt Ion: 91 Resp: 17473
 Ion Ratio Lower Upper
 91 100
 126 29.3 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 0.990 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion: 105 Resp: 18340
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 0.657 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

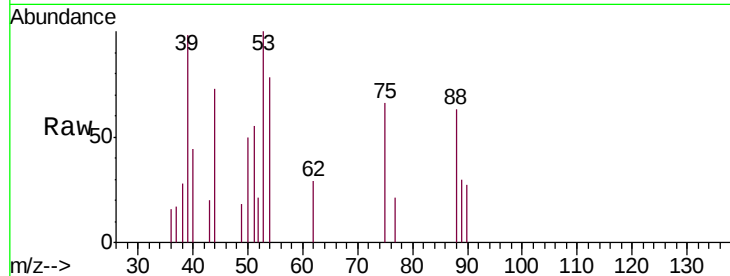
Tgt Ion: 75 Resp: 1203

Ion Ratio Lower Upper

75 100

53 154.0 88.4 132.6#

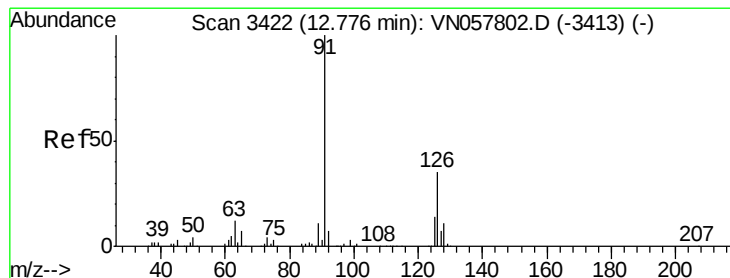
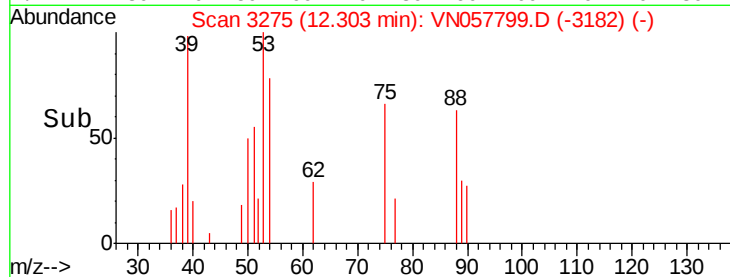
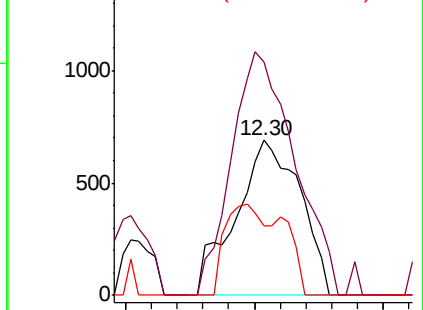
89 53.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN057802.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN057802.D (-3265) (-)



#82

4-Chlorotoluene

Concen: 1.051 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057799.D

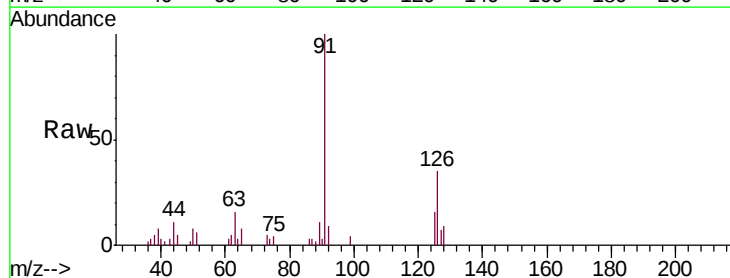
Acq: 9 Sep 2019 14:42

Tgt Ion: 91 Resp: 17040

Ion Ratio Lower Upper

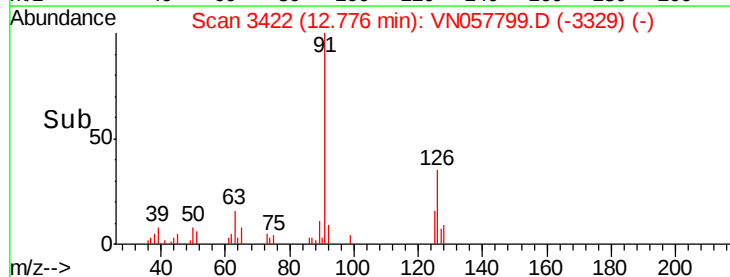
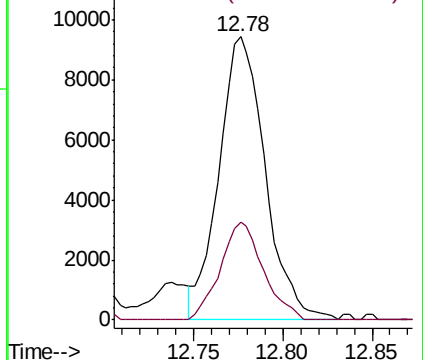
91 100

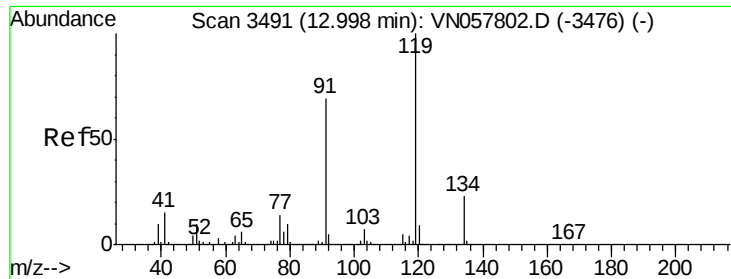
126 31.9 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN057802.D (-3413) (-)

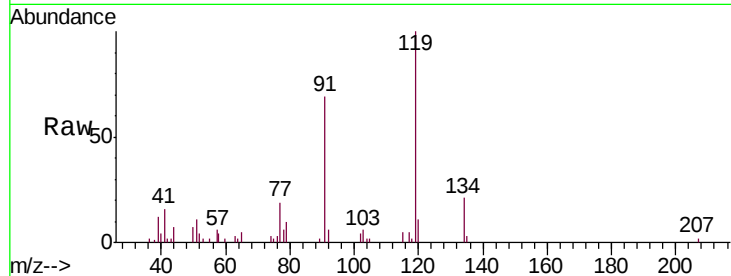




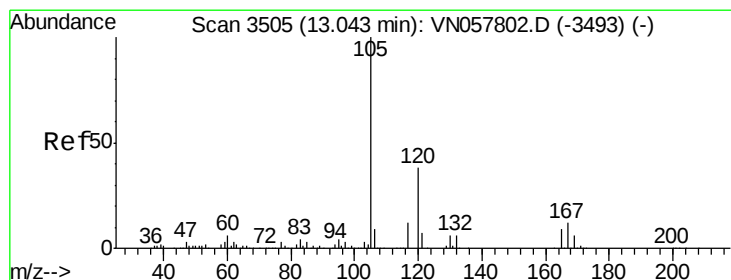
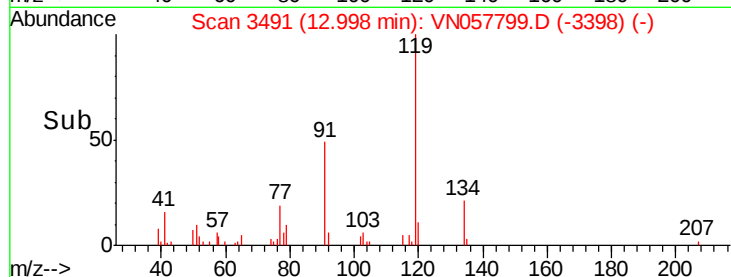
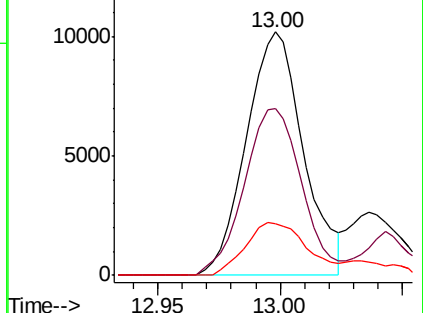
#83
 tert-Butylbenzene
 Concen: 1.051 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion:119 Resp: 16553
 Ion Ratio Lower Upper
 119 100
 91 68.6 33.6 100.8
 134 23.2 11.7 35.0

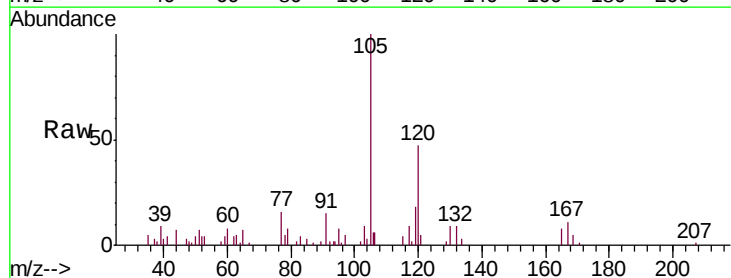


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

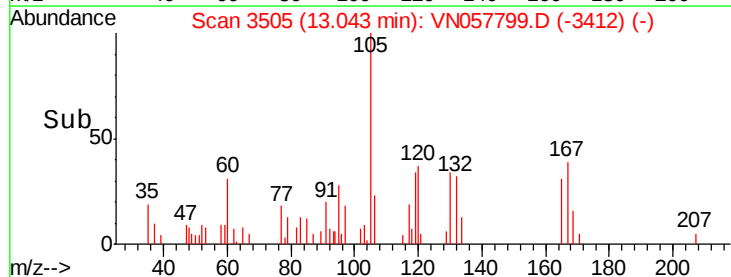
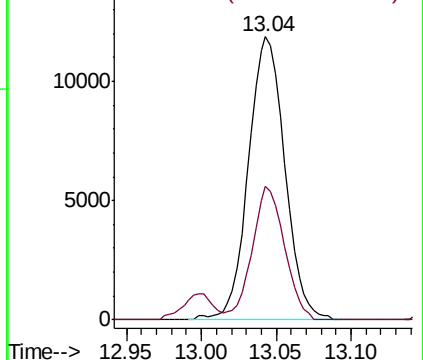


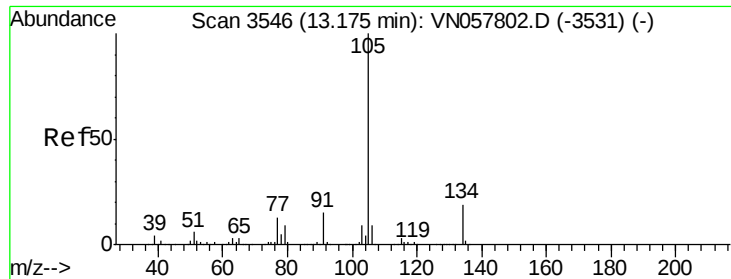
#84
 1,2,4-Trimethylbenzene
 Concen: 1.094 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion:105 Resp: 20107
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.4 67.2



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

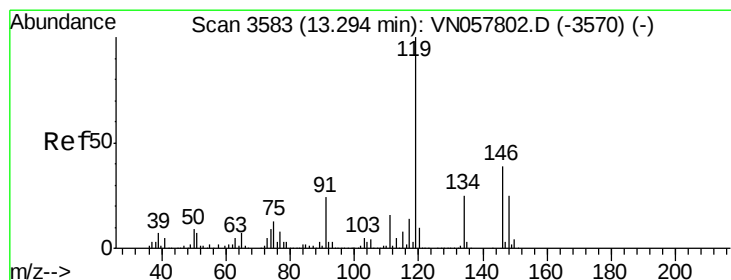
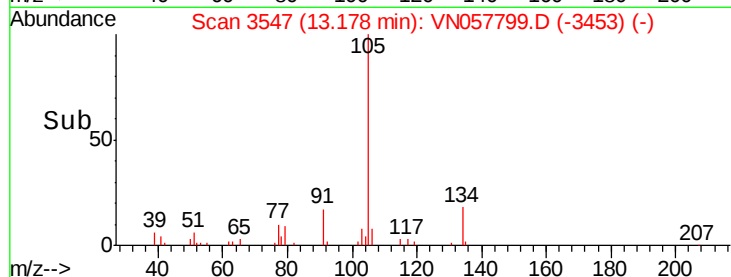
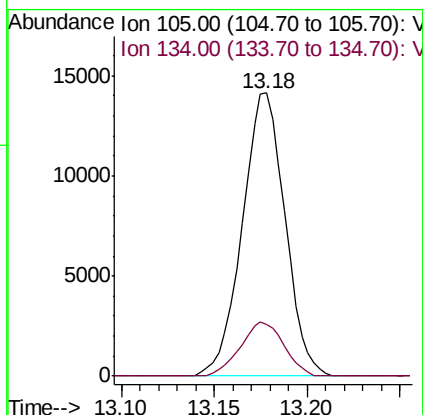
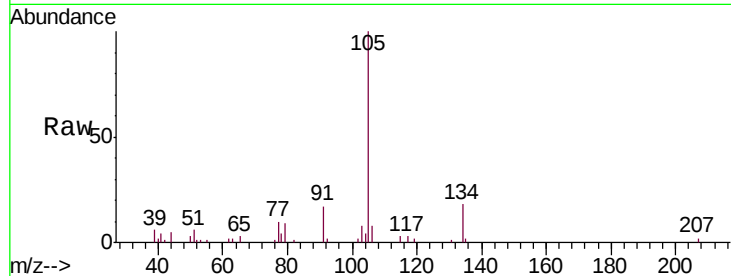




#85
 sec-Butylbenzene
 Concen: 1.049 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

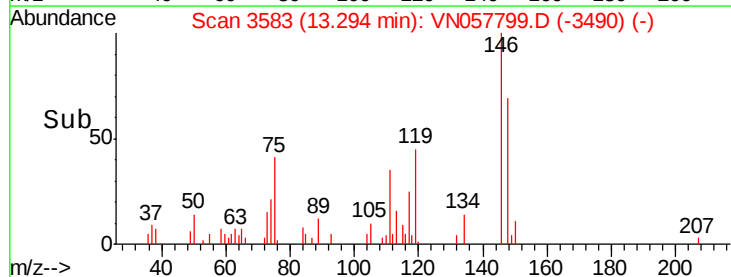
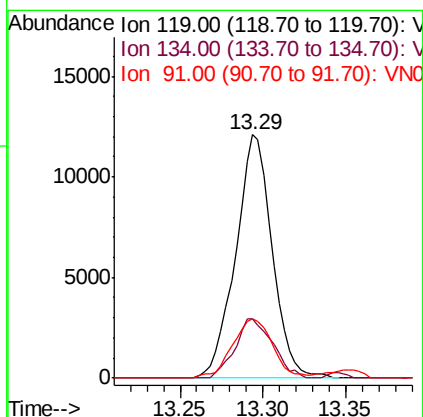
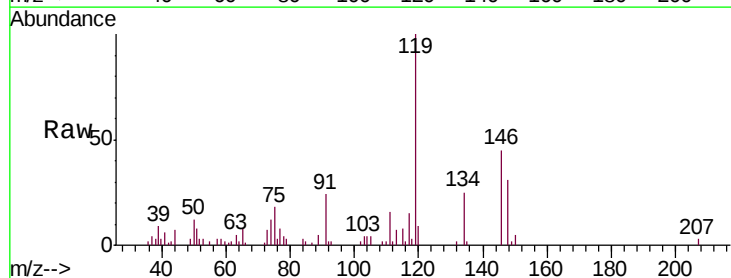
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

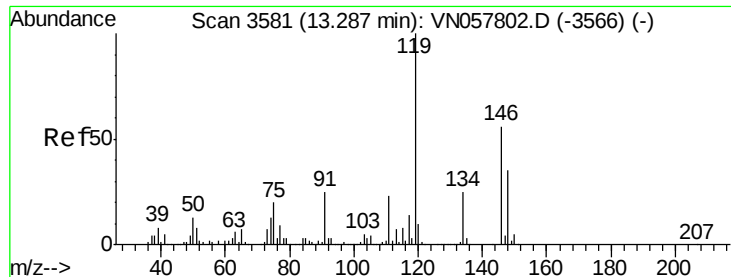
Tgt Ion:105 Resp: 22673
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 1.004 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion:119 Resp: 18517
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 26.6 12.3 36.8

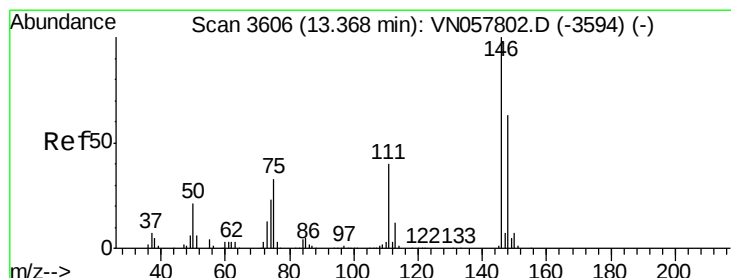
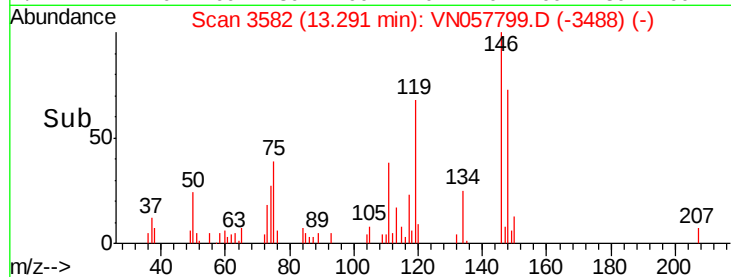
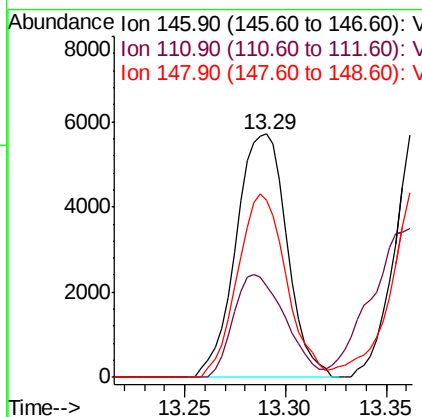
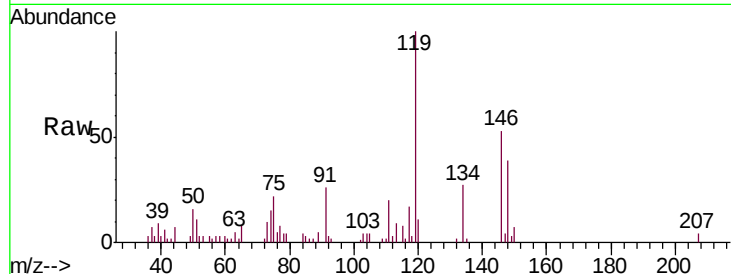




#87
 1,3-Dichlorobenzene
 Concen: 1.118 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

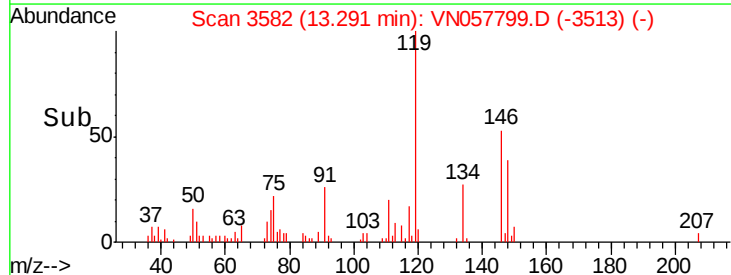
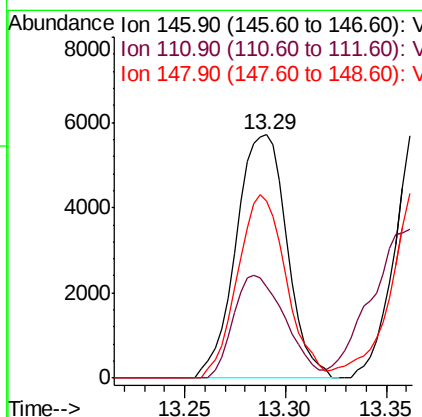
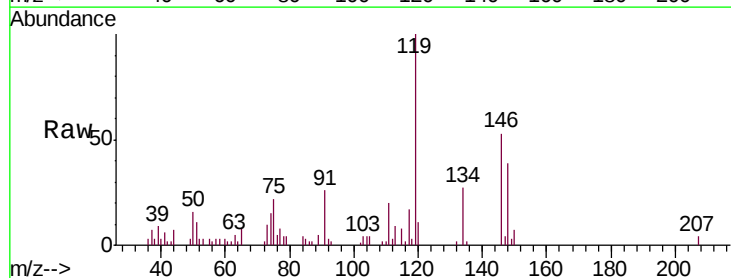
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

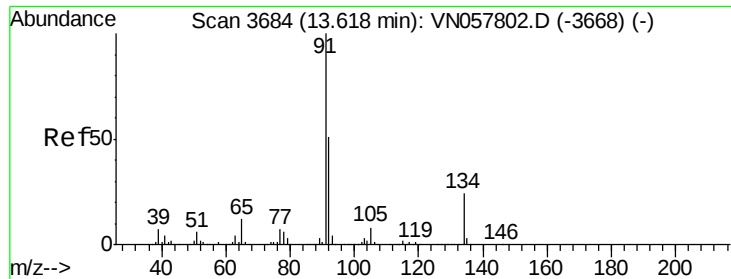
Tgt Ion:146 Resp: 10092
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.5 61.6
 148 72.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 1.118 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.08 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion:146 Resp: 10092
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.4 61.2
 148 72.2 31.8 95.4

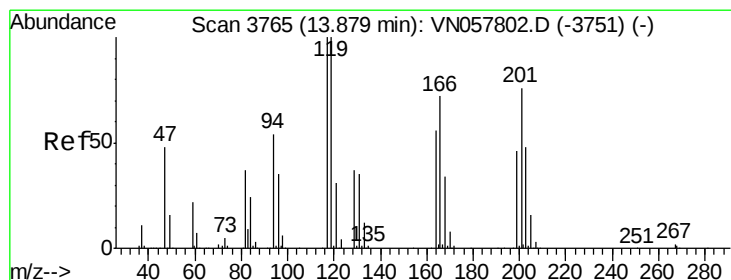
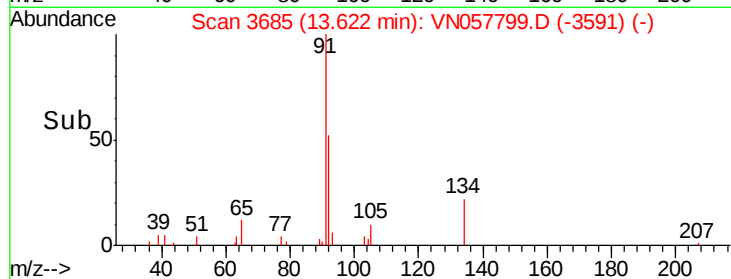
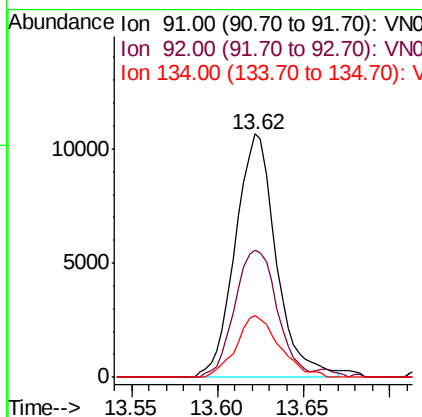
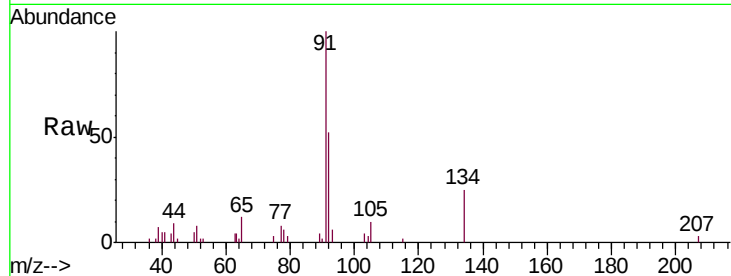




#89
n-Butylbenzene
Concen: 0.974 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

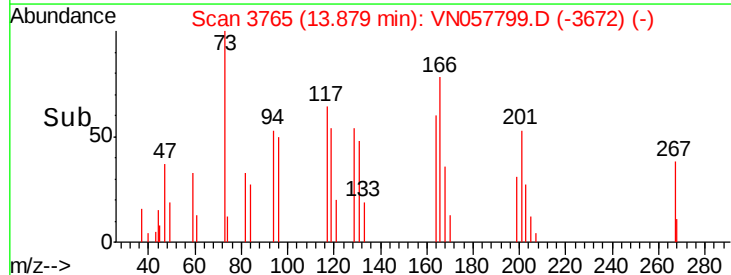
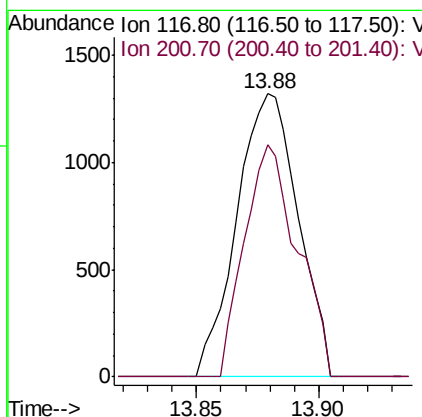
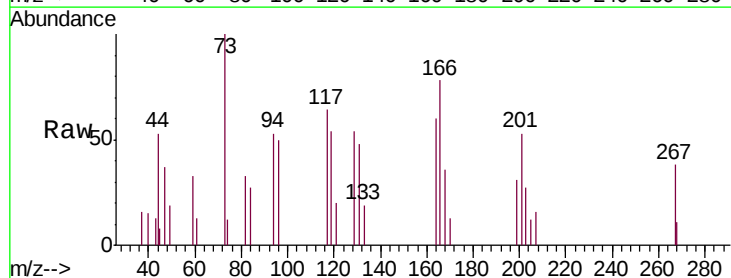
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

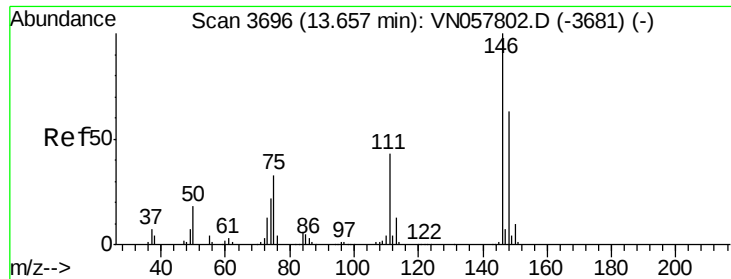
Tgt Ion: 91 Resp: 17601
Ion Ratio Lower Upper
91 100
92 54.2 25.7 77.0
134 26.6 11.9 35.7



#90
Hexachloroethane
Concen: 0.807 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057799.D
Acq: 9 Sep 2019 14:42

Tgt Ion: 117 Resp: 2299
Ion Ratio Lower Upper
117 100
201 70.8 37.5 112.7

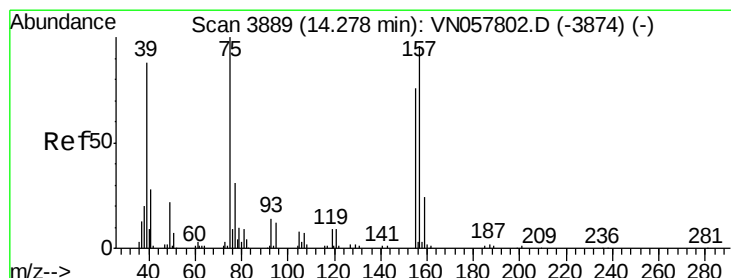
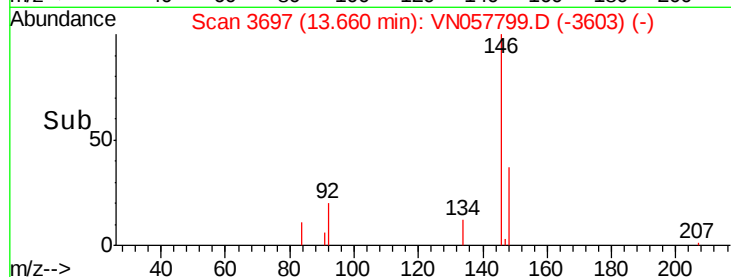
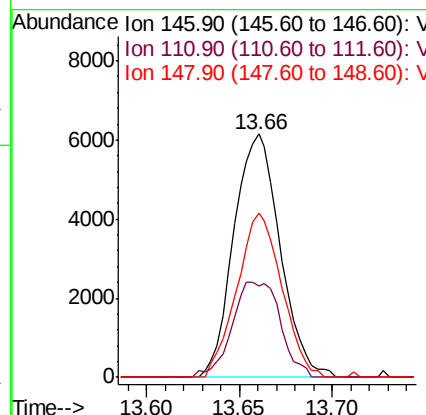
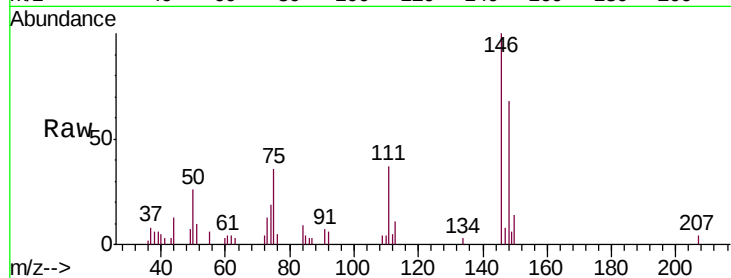




#91
 1,2-Dichlorobenzene
 Concen: 1.203 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

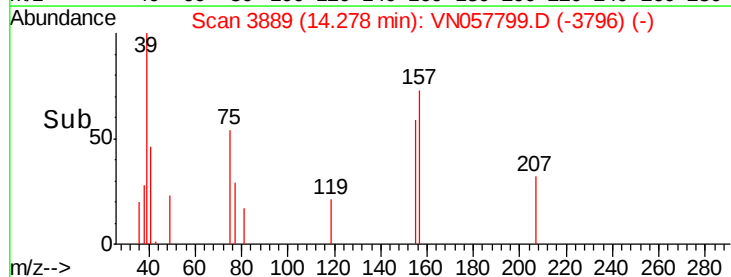
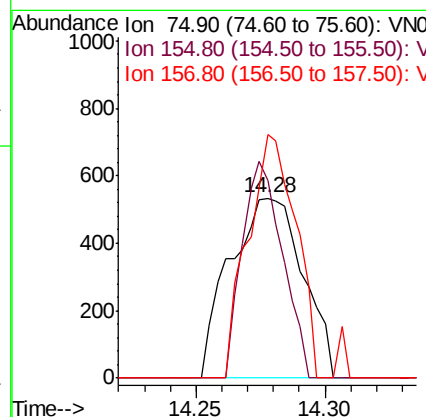
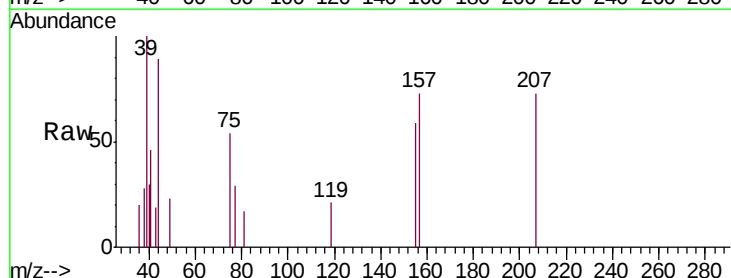
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

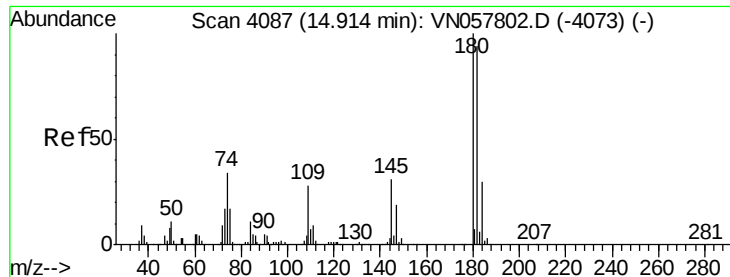
Tgt Ion: 146 Resp: 10680
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.3 63.9
 148 65.5 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.825 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion: 75 Resp: 1050
 Ion Ratio Lower Upper
 75 100
 155 66.4 37.3 111.8
 157 89.0 47.9 143.8

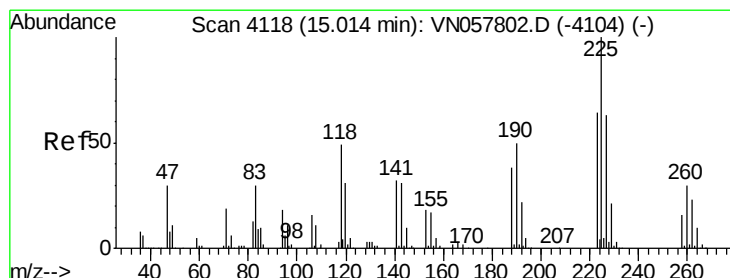
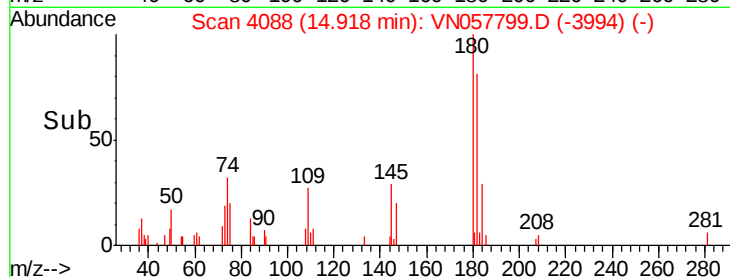
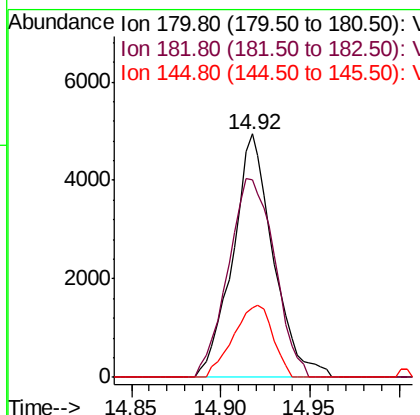
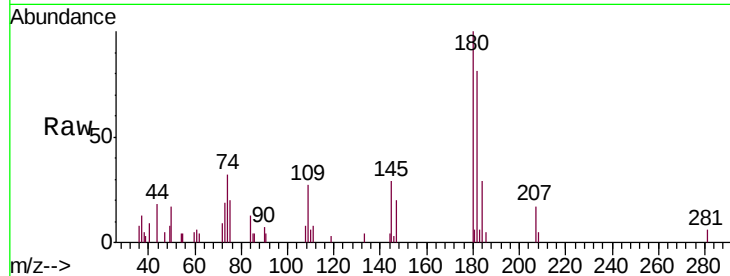




#93
 1,2,4-Trichlorobenzene
 Concen: 1.476 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

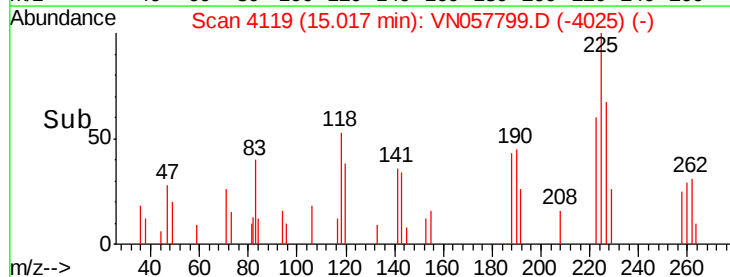
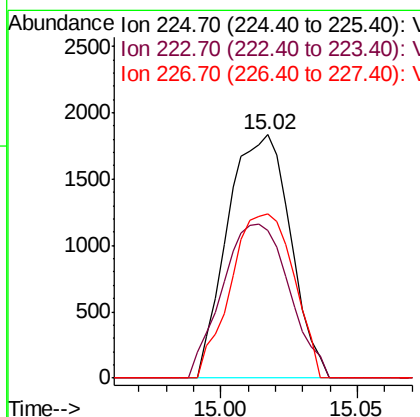
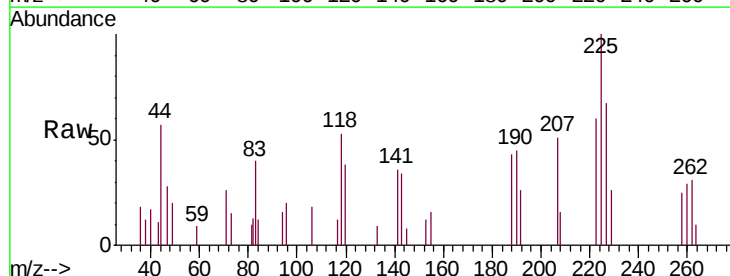
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

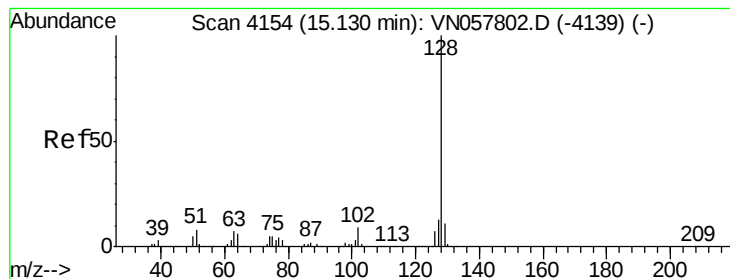
Tgt Ion:180 Resp: 7825
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.8
 145 29.0 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 1.152 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN057799.D
 Acq: 9 Sep 2019 14:42

Tgt Ion:225 Resp: 2926
 Ion Ratio Lower Upper
 225 100
 223 67.7 32.4 97.2
 227 67.8 31.8 95.4





#95

Naphthalene

Concen: 1.582 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

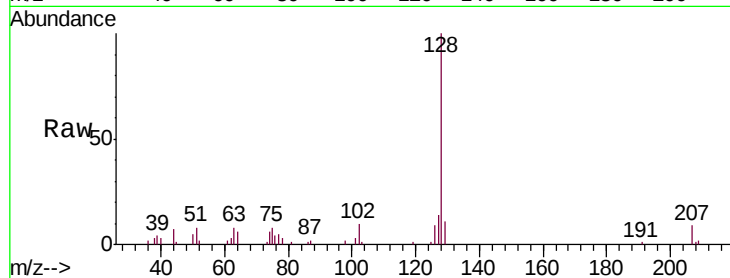
Tgt Ion:128 Resp: 24356

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

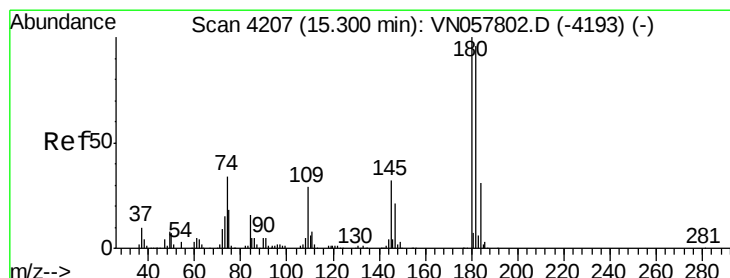
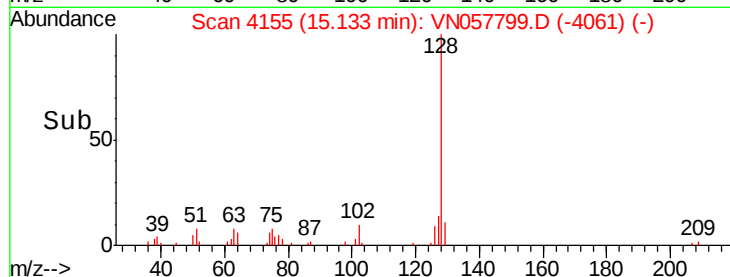
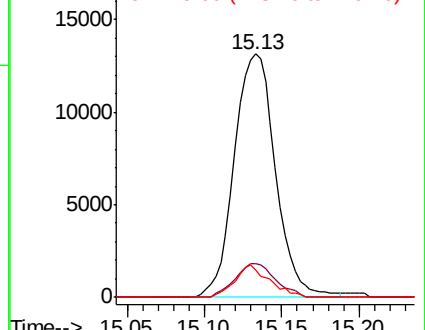
129 11.1 8.6 12.8



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: 1.658 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057799.D

Acq: 9 Sep 2019 14:42

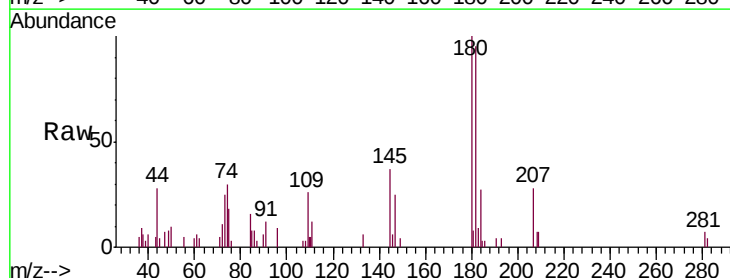
Tgt Ion:180 Resp: 8401

Ion Ratio Lower Upper

180 100

182 90.2 48.3 144.8

145 32.6 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

