

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057241.D
 Acq On : 13 Aug 2019 11:27
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 14 05:34:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1139924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1638665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1350189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	334541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	12001	0.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.92%	
35) Dibromofluoromethane	7.58	113	11290	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	
50) Toluene-d8	10.08	98	36727	0.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.86%	
62) 4-Bromofluorobenzene	12.40	95	12375	0.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	10455	0.985 ug/l	95
3) Chloromethane	2.05	50	11776	0.842 ug/l	91
4) Vinyl Chloride	2.18	62	10617	0.789 ug/l	98
5) Bromomethane	2.55	94	10544	1.297 ug/l	93
6) Chloroethane	2.70	64	6735	0.841 ug/l	90
7) Trichlorofluoromethane	3.02	101	18745	1.056 ug/l	98
8) Diethyl Ether	3.40	74	6013	0.884 ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.75	101	11042	1.039 ug/l #	58
10) Methyl Iodide	3.94	142	6852	0.467 ug/l #	69
11) Tert butyl alcohol	4.76	59	7390	3.700 ug/l	99
12) 1,1-Dichloroethene	3.73	96	10493	0.987 ug/l	92
13) Acrolein	3.61	56	6265	7.343 ug/l	96
14) Allyl chloride	4.32	41	15719	0.871 ug/l #	78
15) Acrylonitrile	4.98	53	12018	2.069 ug/l #	71
16) Acetone	3.81	43	20223	3.647 ug/l	98
17) Carbon Disulfide	4.05	76	31159	1.103 ug/l #	91
18) Methyl Acetate	4.32	43	26603	1.752 ug/l #	70
19) Methyl tert-butyl Ether	5.02	73	31670	0.944 ug/l	98
20) Methylene Chloride	4.53	84	5730	0.457 ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	11645	1.038 ug/l #	80
22) Diisopropyl ether	5.94	45	31874	0.901 ug/l #	85
23) Vinyl Acetate	5.89	43	115730	4.051 ug/l	99
24) 1,1-Dichloroethane	5.84	63	20665	0.991 ug/l #	89
25) 2-Butanone	6.83	43	26596	3.303 ug/l	97
26) 2,2-Dichloropropane	6.81	77	15396	1.001 ug/l	91
27) cis-1,2-Dichloroethene	6.82	96	7765	0.601 ug/l	40
28) Bromochloromethane	7.18	49	8539	0.887 ug/l #	80
29) Tetrahydrofuran	7.21	42	19187	3.670 ug/l #	85
30) Chloroform	7.36	83	22805	1.085 ug/l	96
31) Cyclohexane	7.65	56	31618	1.628 ug/l #	49
32) 1,1,1-Trichloroethane	7.56	97	16696	0.994 ug/l #	49
36) 1,1-Dichloropropene	7.79	75	15264	1.009 ug/l	95
37) Ethyl Acetate	6.93	43	12275	0.859 ug/l #	74
38) Carbon Tetrachloride	7.76	117	16986	1.177 ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	17389	0.938	ug/l	97
40) Benzene	8.03	78	47427	1.028	ug/l	98
41) Methacrylonitrile	7.17	41	4637	0.746	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	14245	0.973	ug/l	95
43) Isopropyl Acetate	8.16	43	16636	0.730	ug/l #	88
44) Trichloroethene	8.83	130	13849	1.092	ug/l	92
45) 1,2-Dichloropropane	9.11	63	11392	0.938	ug/l	98
46) Dibromomethane	9.20	93	8146	1.069	ug/l	97
47) Bromodichloromethane	9.40	83	14024	0.962	ug/l #	97
48) Methyl methacrylate	9.20	41	7950	0.726	ug/l #	87
49) 1,4-Dioxane	9.19	88	4421	19.356	ug/l #	92
51) 4-Methyl-2-Pentanone	9.98	43	55796	3.832	ug/l	98
52) Toluene	10.15	92	26838	0.973	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	14476	0.950	ug/l	90
54) cis-1,3-Dichloropropene	9.84	75	16250	0.923	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	11249	0.981	ug/l	88
56) Ethyl methacrylate	10.43	69	13796	0.846	ug/l	97
57) 1,3-Dichloropropane	10.70	76	18250	0.975	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	14132	1.954	ug/l	95
59) 2-Hexanone	10.75	43	36088	3.471	ug/l	100
60) Dibromochloromethane	10.90	129	11372	0.994	ug/l	97
61) 1,2-Dibromoethane	11.00	107	10817	0.946	ug/l	97
64) Tetrachloroethene	10.63	164	14873	1.271	ug/l	97
65) Chlorobenzene	11.43	112	30269	1.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	12039	1.173	ug/l #	66
67) Ethyl Benzene	11.51	91	49205	1.016	ug/l	100
68) m/p-Xylenes	11.62	106	34978	1.933	ug/l	99
69) o-Xylene	11.95	106	17045	0.959	ug/l	100
70) Styrene	11.96	104	21183	0.739	ug/l	95
71) Bromoform	12.12	173	7799	1.000	ug/l #	99
73) Isopropylbenzene	12.25	105	42683	1.553	ug/l	96
74) N-amyl acetate	12.07	43	11692	1.196	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	12844	1.421	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	14297	1.985	ug/l #	100
77) Bromobenzene	12.53	156	12626	1.754	ug/l	95
78) n-propylbenzene	12.59	91	40034	1.327	ug/l	95
79) 2-Chlorotoluene	12.67	91	27970	1.490	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	32075	1.382	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	3050	1.278	ug/l #	76
82) 4-Chlorotoluene	12.77	91	22563	1.277	ug/l	95
83) tert-Butylbenzene	12.99	119	33823	1.658	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	28743	1.278	ug/l	94
85) sec-Butylbenzene	13.17	105	37724	1.465	ug/l	98
86) p-Isopropyltoluene	13.29	119	30131	1.299	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	13206	1.136	ug/l	93
88) 1,4-Dichlorobenzene	13.29	146	13206	1.175	ug/l	93
89) n-Butylbenzene	13.62	91	18042	0.989	ug/l	96
90) Hexachloroethane	13.88	117	6717	1.744	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	14165	1.200	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1367	0.980	ug/l	81

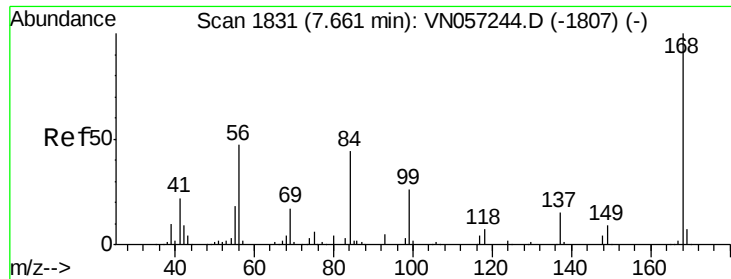
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	5577	1.093	ug/l	82
94) Hexachlorobutadiene	15.01	225	8425	1.922	ug/l	94
95) Naphthalene	15.13	128	10418	0.795	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	7692	1.479	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

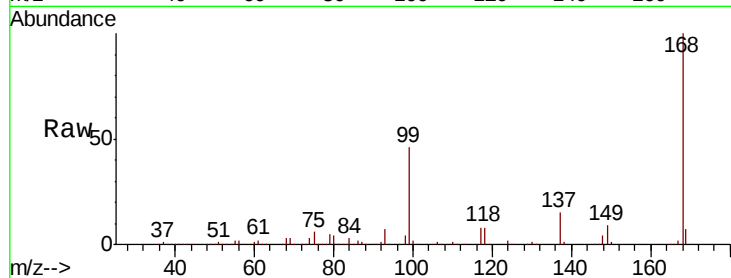
VSTDIC001

Tgt Ion:168 Resp: 1139924

Ion Ratio Lower Upper

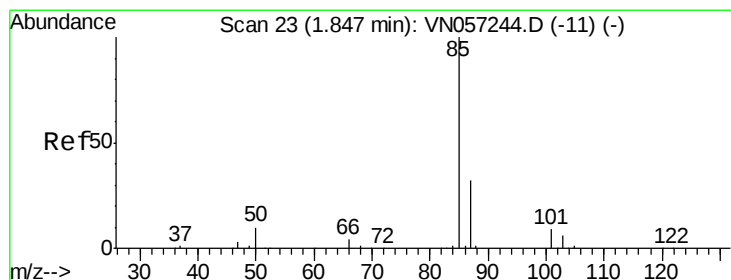
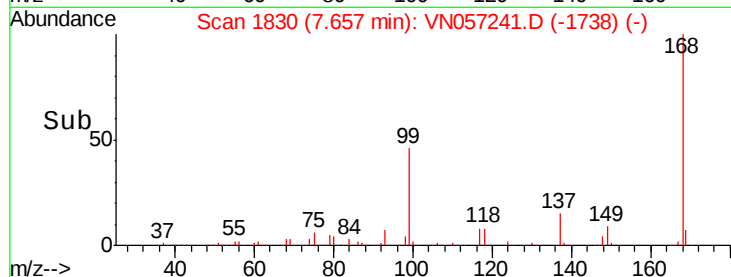
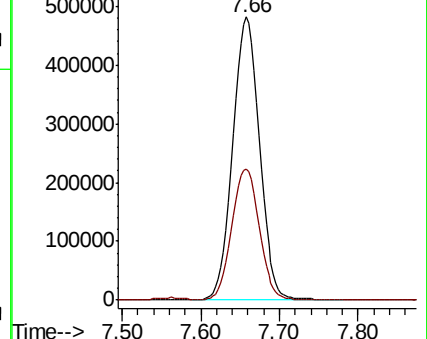
168 100

99 46.4 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.985 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN057241.D

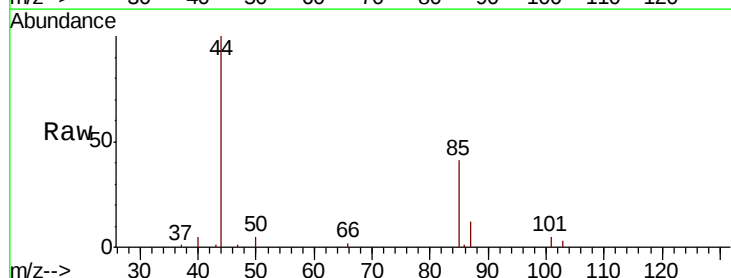
Acq: 13 Aug 2019 11:27

Tgt Ion: 85 Resp: 10455

Ion Ratio Lower Upper

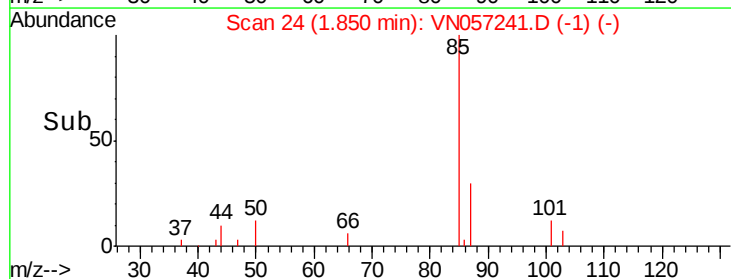
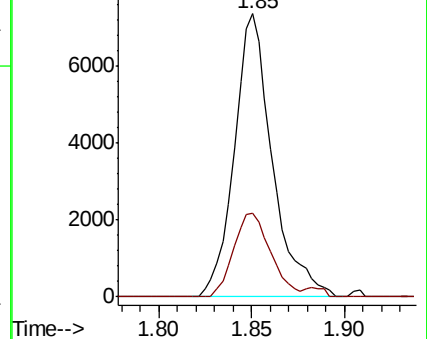
85 100

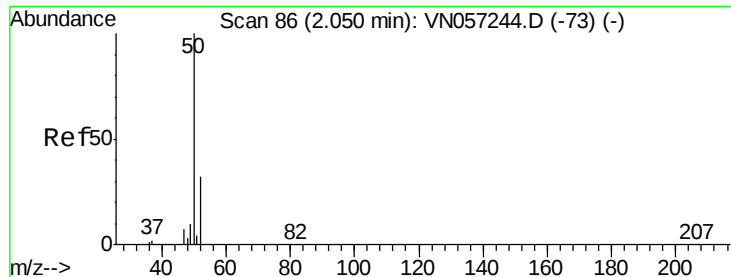
87 29.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 0.842 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

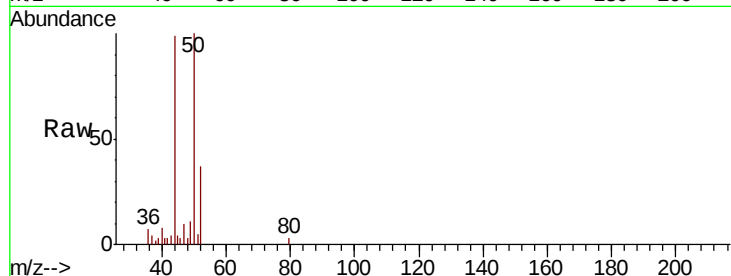
VSTDIC001

Tgt Ion: 50 Resp: 11776

Ion Ratio Lower Upper

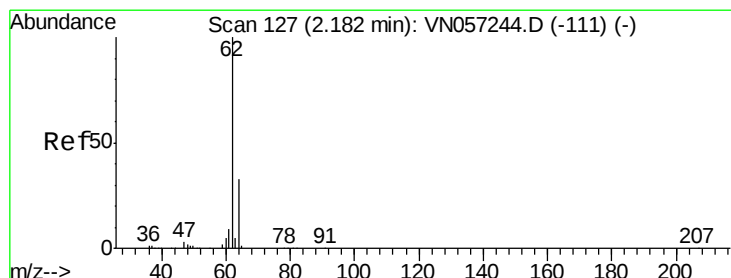
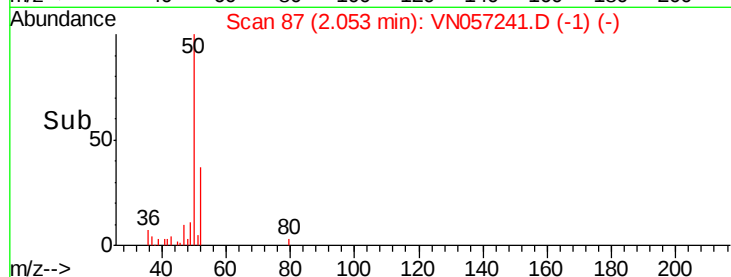
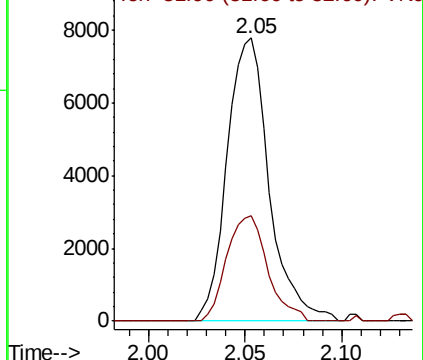
50 100

52 37.2 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.789 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN057241.D

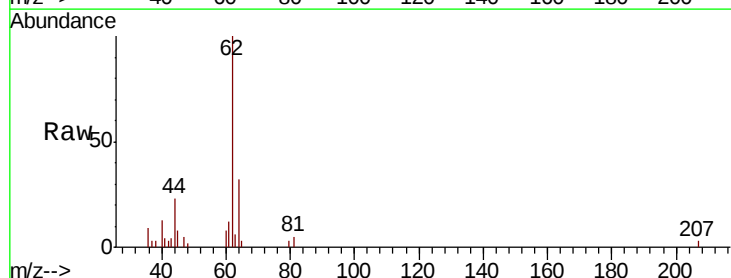
Acq: 13 Aug 2019 11:27

Tgt Ion: 62 Resp: 10617

Ion Ratio Lower Upper

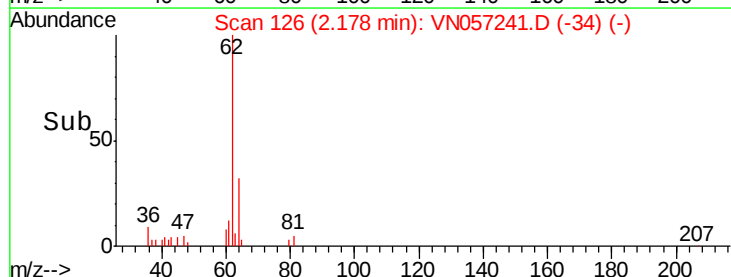
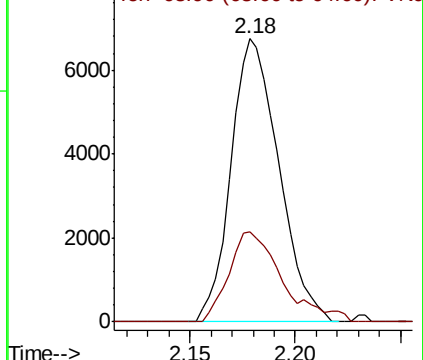
62 100

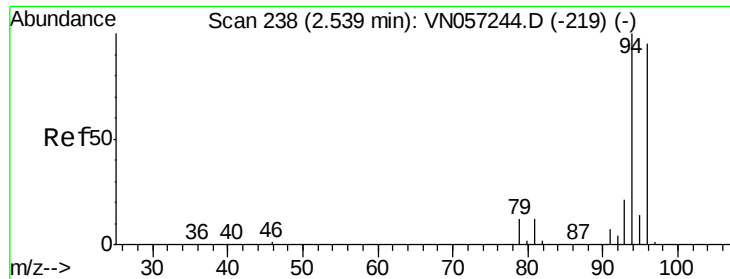
64 31.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

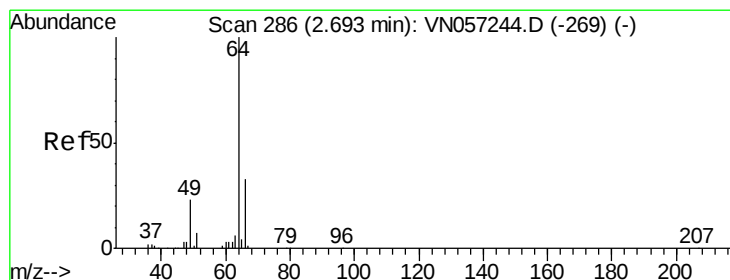
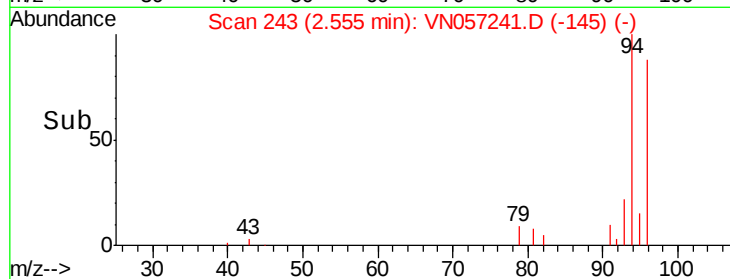
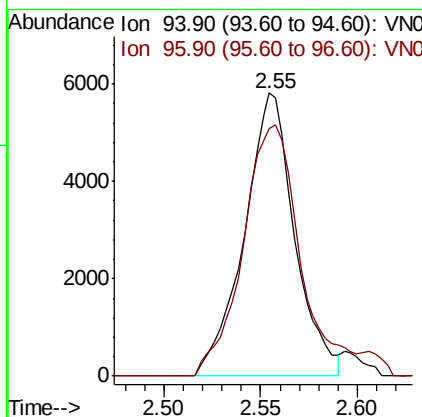
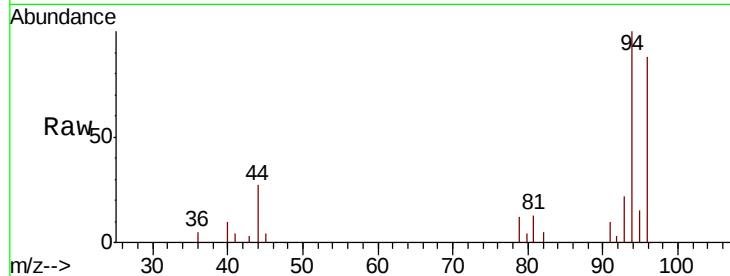




#5
Bromomethane
Concen: 1.297 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.02 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

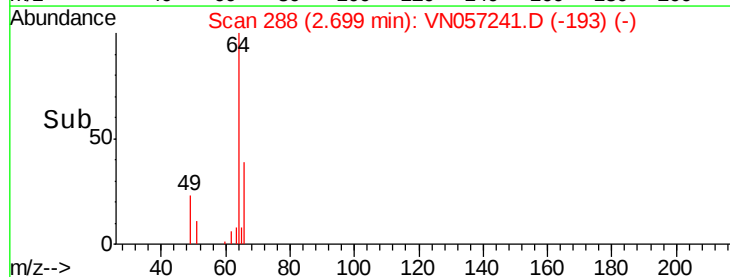
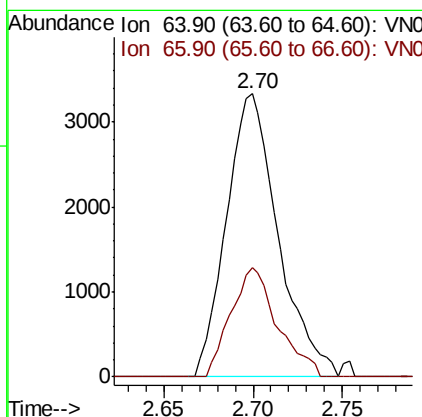
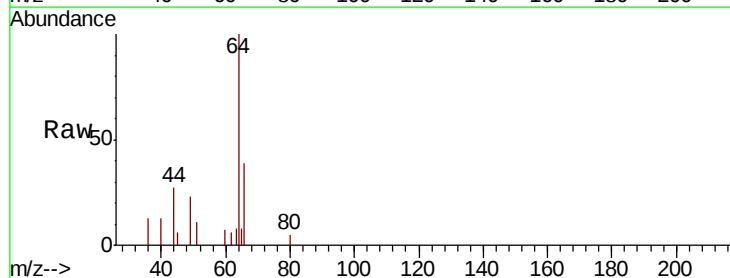
Instrument :
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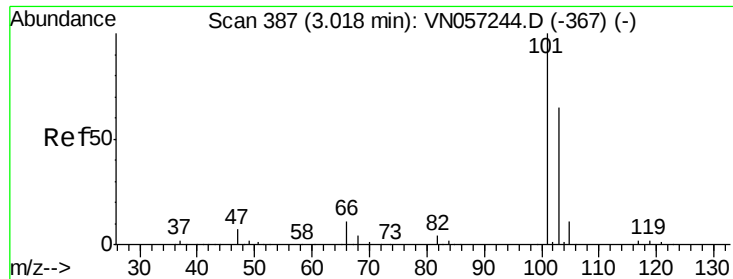
Tgt Ion: 94 Resp: 10544
Ion Ratio Lower Upper
94 100
96 87.6 75.7 113.5



#6
Chloroethane
Concen: 0.841 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.01 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 64 Resp: 6735
Ion Ratio Lower Upper
64 100
66 38.7 26.3 39.5





#7

Trichlorofluoromethane

Concen: 1.056 ug/l

RT: 3.02 min Scan# 387

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

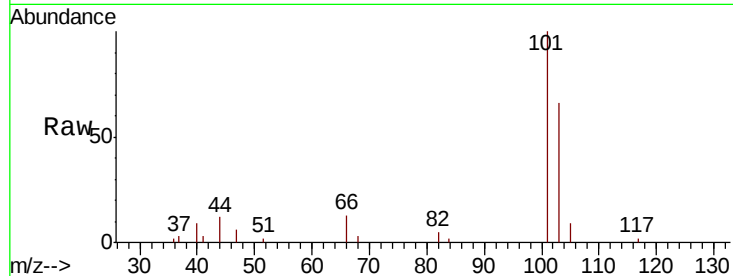
VSTDIC001

Tgt Ion:101 Resp: 18745

Ion Ratio Lower Upper

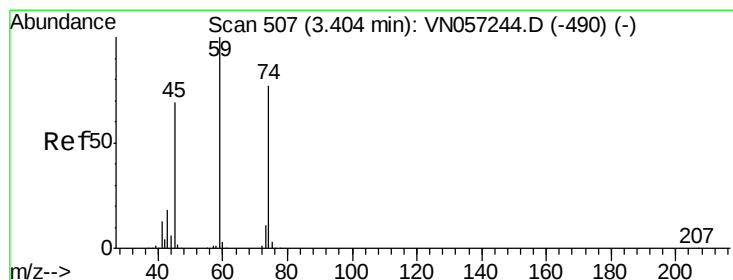
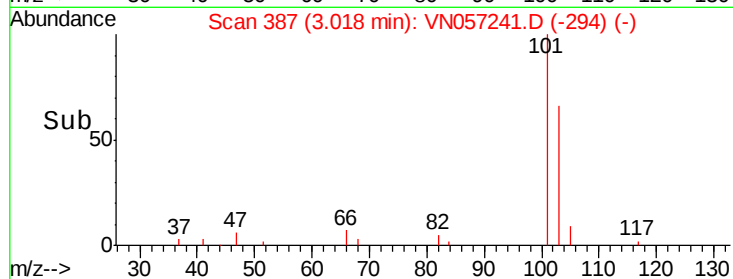
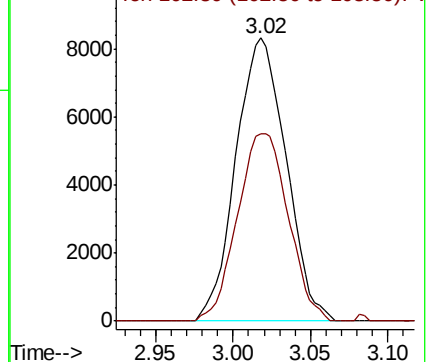
101 100

103 66.0 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.884 ug/l

RT: 3.40 min Scan# 507

Delta R.T. -0.00 min

Lab File: VN057241.D

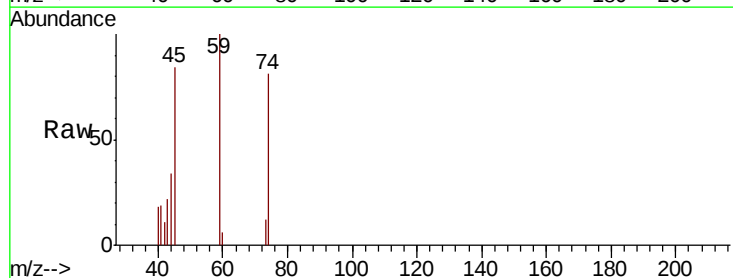
Acq: 13 Aug 2019 11:27

Tgt Ion: 74 Resp: 6013

Ion Ratio Lower Upper

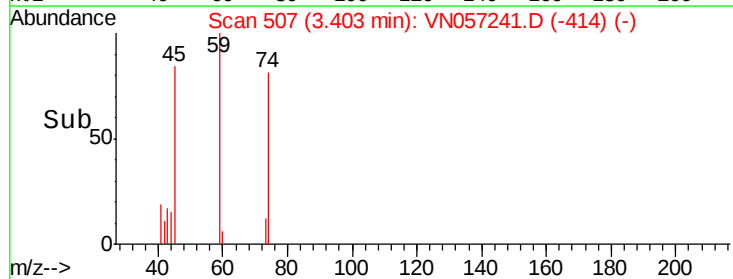
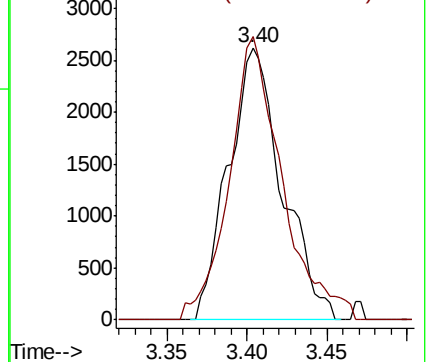
74 100

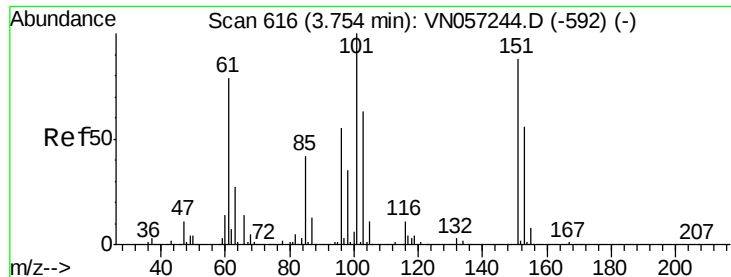
45 102.0 45.1 135.2



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.039 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

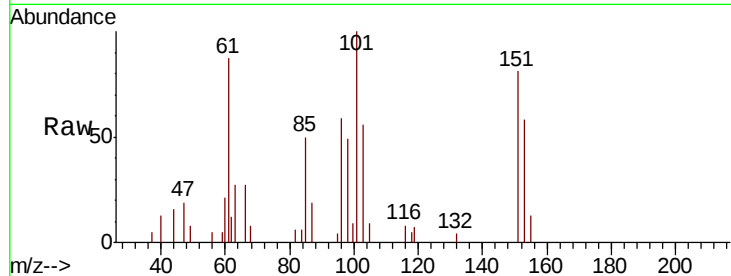
Tgt Ion:101 Resp: 11042

Ion Ratio Lower Upper

101 100

85 30.9 32.7 49.1#

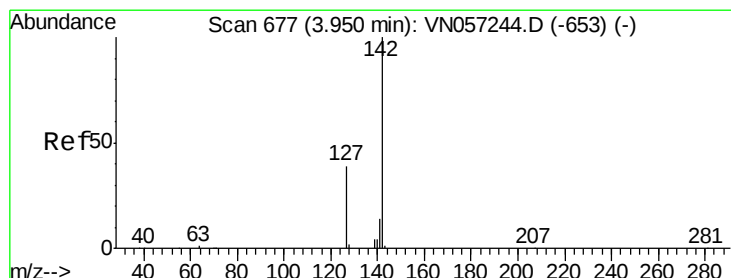
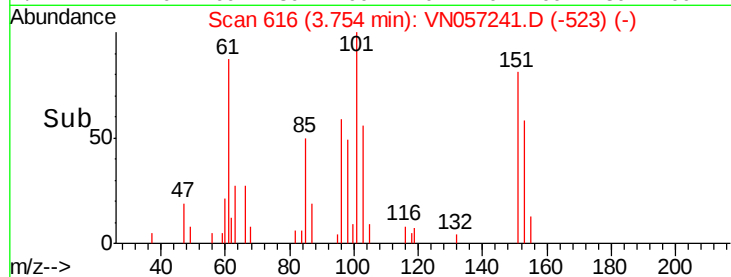
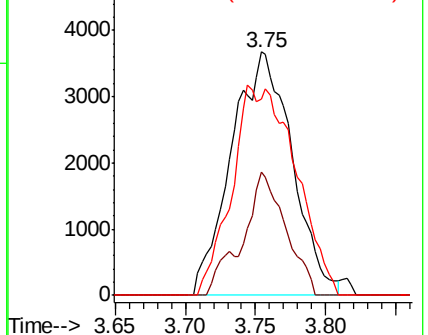
151 37.4 70.1 105.1#



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: 0.467 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.01 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

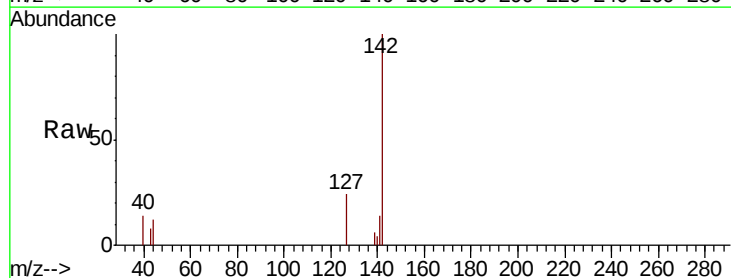
Tgt Ion:142 Resp: 6852

Ion Ratio Lower Upper

142 100

127 20.7 30.7 46.1#

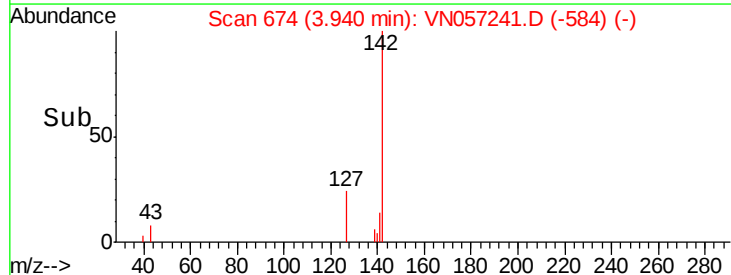
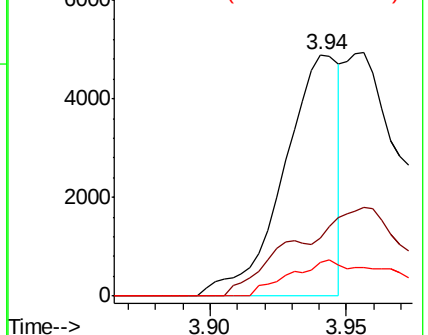
141 27.9 11.0 16.6#

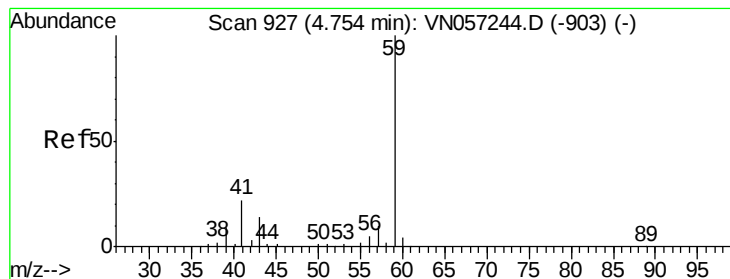


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



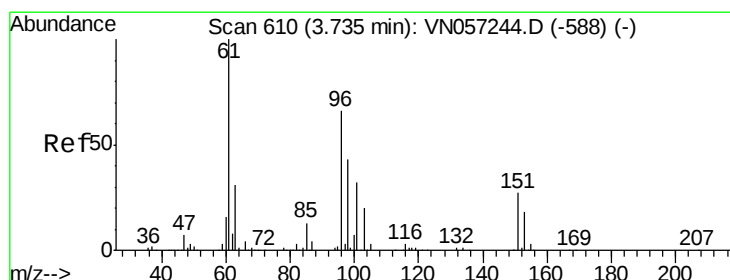
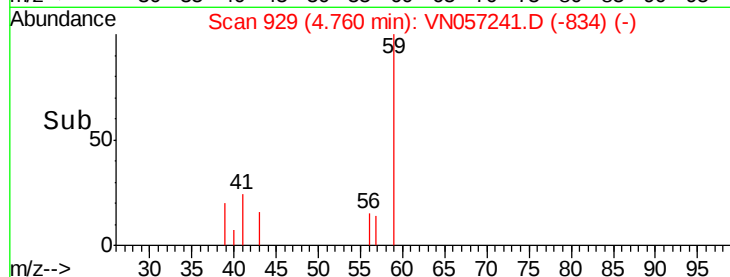
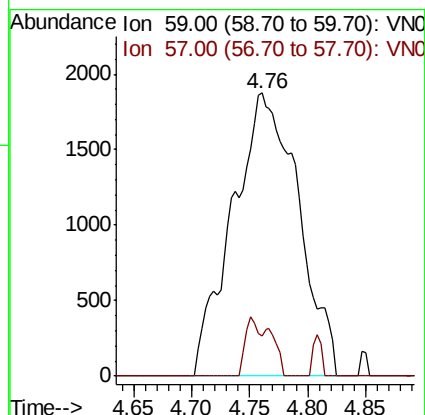
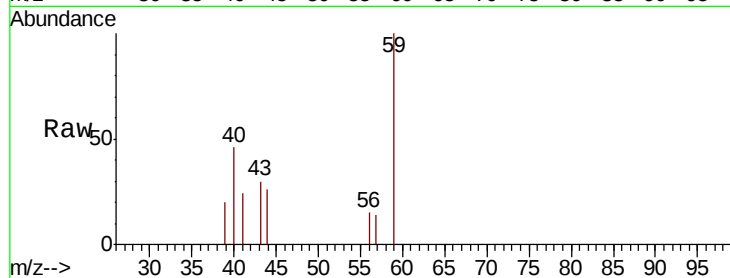


#11

Tert butyl alcohol
 Concen: 3.700 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

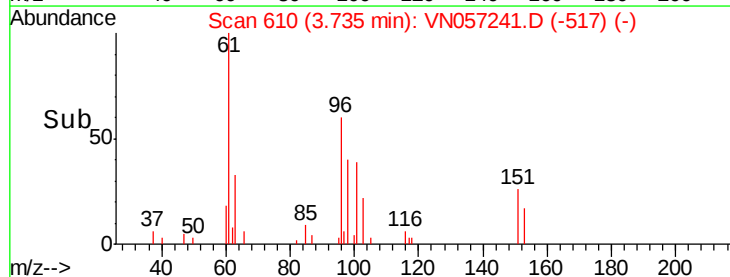
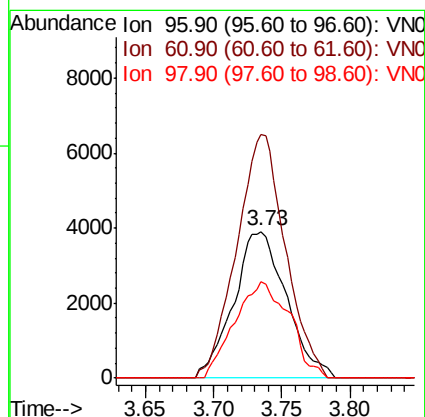
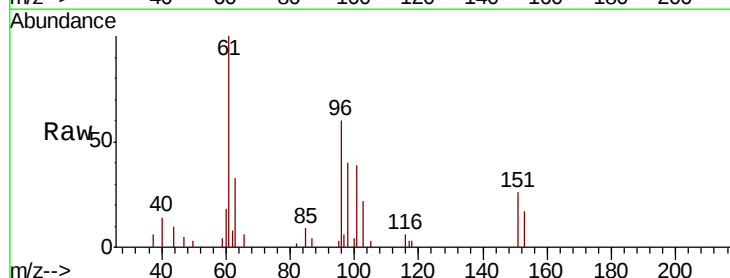
Tgt Ion: 59 Resp: 7390
 Ion Ratio Lower Upper
 59 100
 57 4.6 3.4 5.2

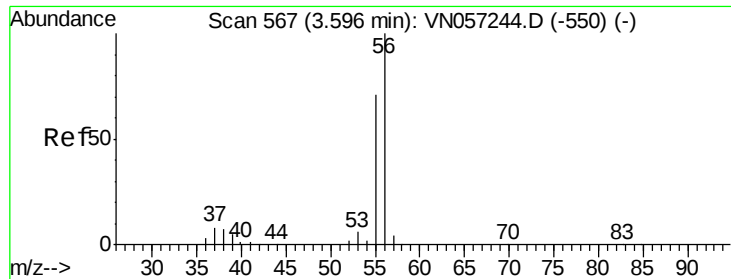


#12

1,1-Dichloroethene
 Concen: 0.987 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion: 96 Resp: 10493
 Ion Ratio Lower Upper
 96 100
 61 166.1 121.1 181.7
 98 65.8 52.0 78.0

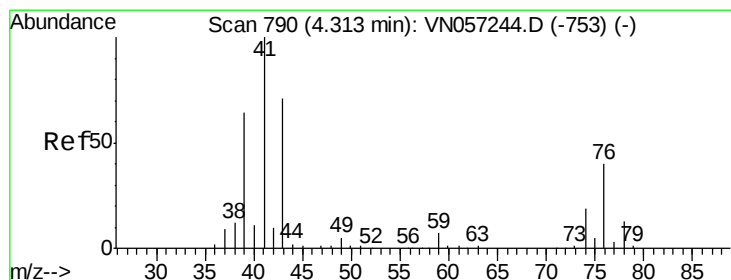
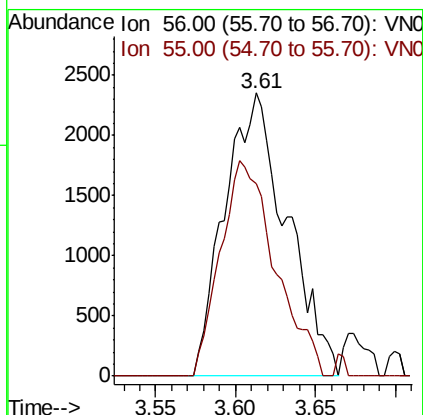
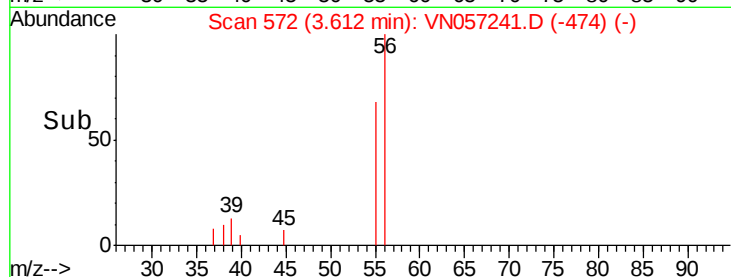
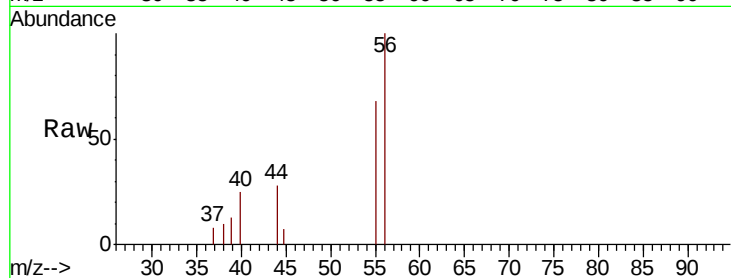




#13
Acrolein
Concen: 7.343 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.02 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

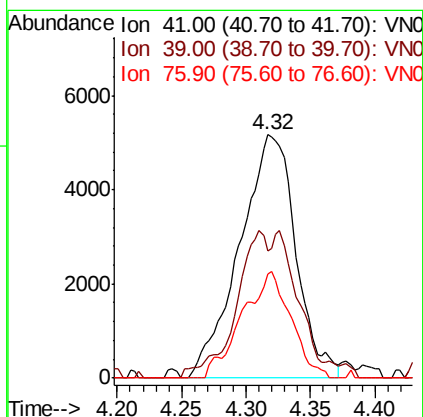
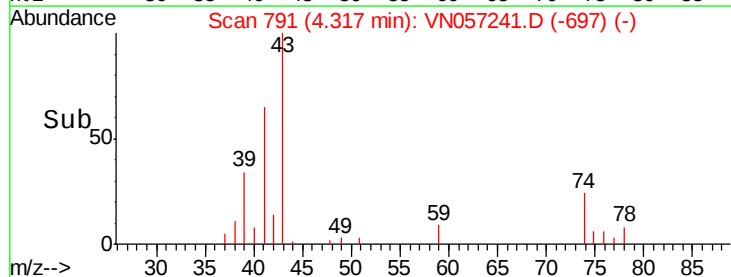
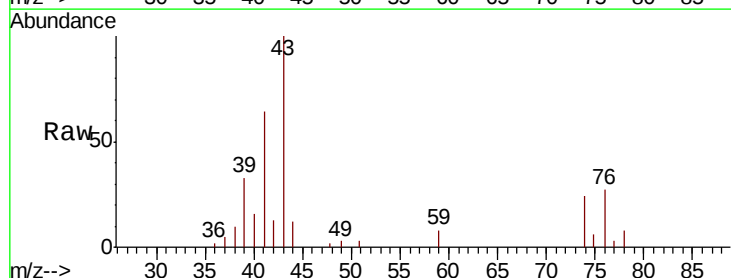
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

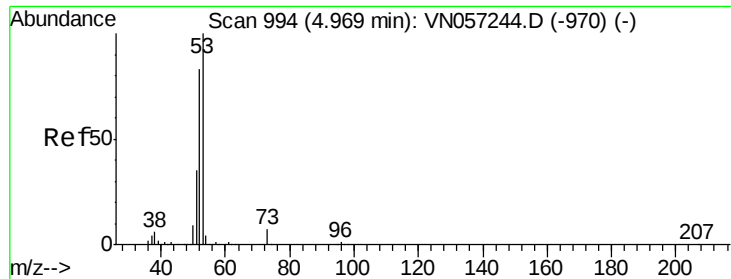
Tgt Ion: 56 Resp: 6265
Ion Ratio Lower Upper
56 100
55 67.2 56.6 84.8



#14
Allyl chloride
Concen: 0.871 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 41 Resp: 15719
Ion Ratio Lower Upper
41 100
39 33.8 48.5 72.7#
76 37.9 29.8 44.8





#15

Acrylonitrile

Concen: 2.069 ug/l

RT: 4.98 min Scan# 997

Delta R.T. 0.01 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

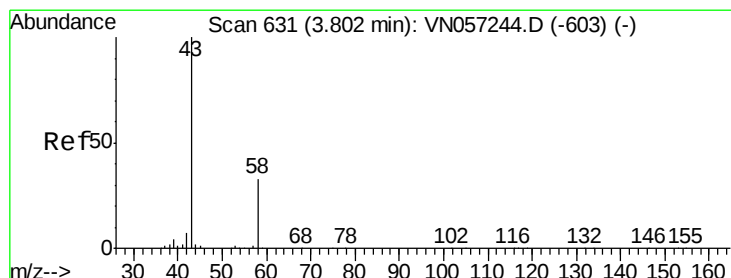
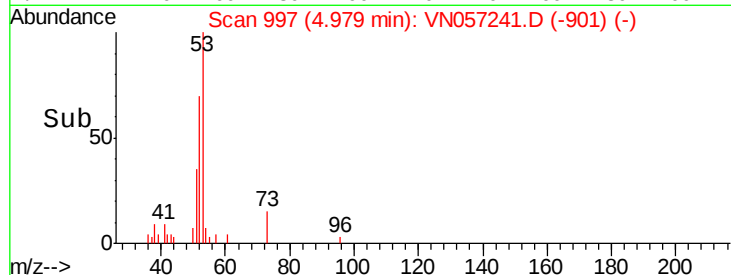
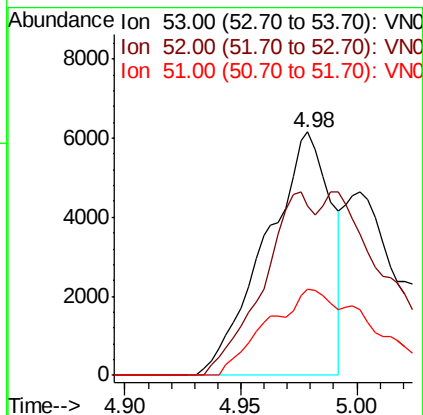
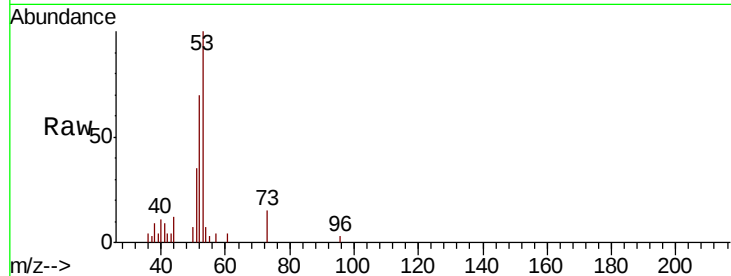
Tgt Ion: 53 Resp: 12018

Ion Ratio Lower Upper

53 100

52 59.9 65.9 98.9#

51 56.5 27.8 41.6#



#16

Acetone

Concen: 3.647 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057241.D

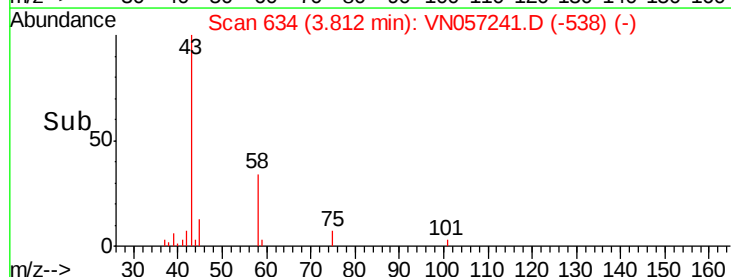
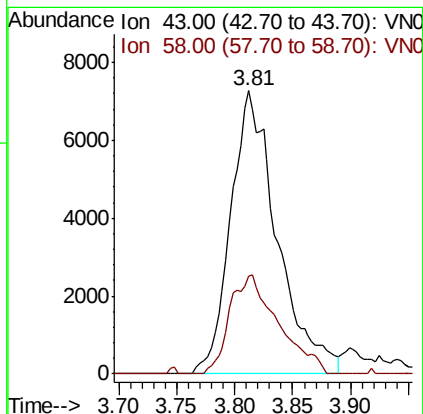
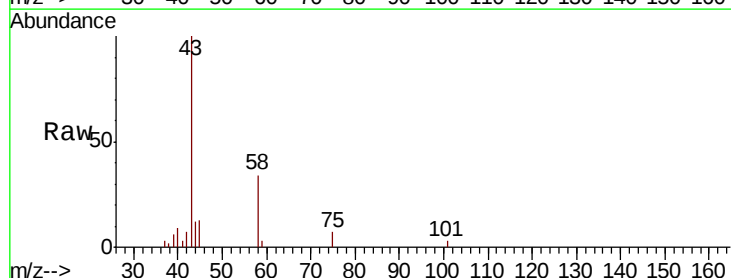
Acq: 13 Aug 2019 11:27

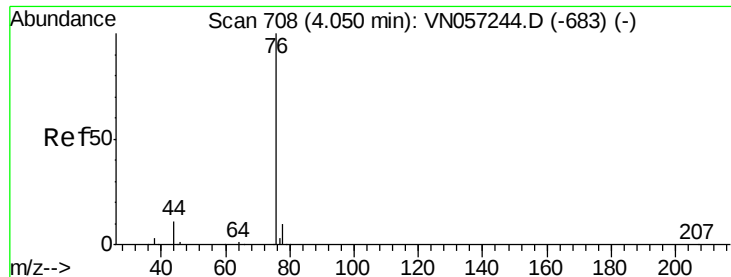
Tgt Ion: 43 Resp: 20223

Ion Ratio Lower Upper

43 100

58 34.5 26.7 40.1

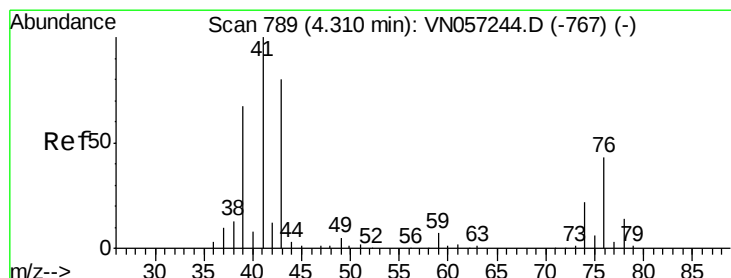
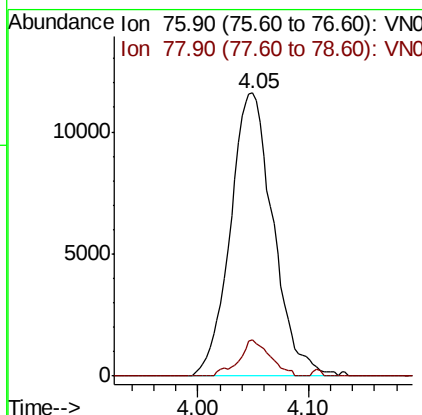
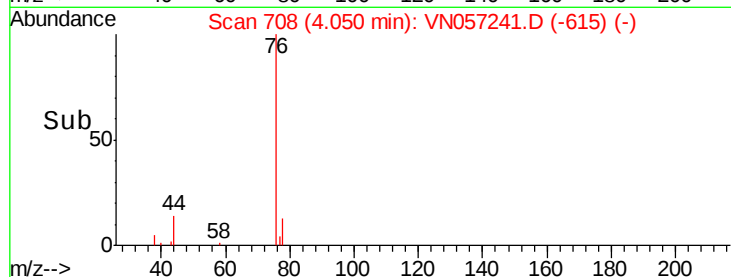
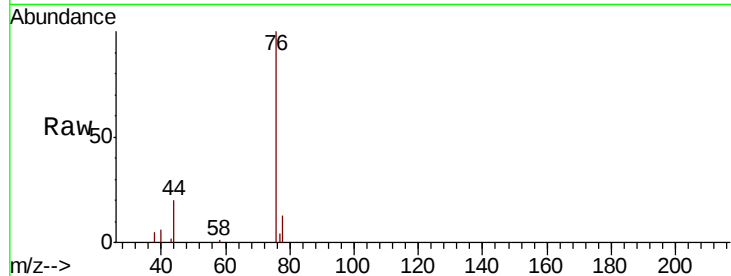




#17
Carbon Disulfide
Concen: 1.103 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

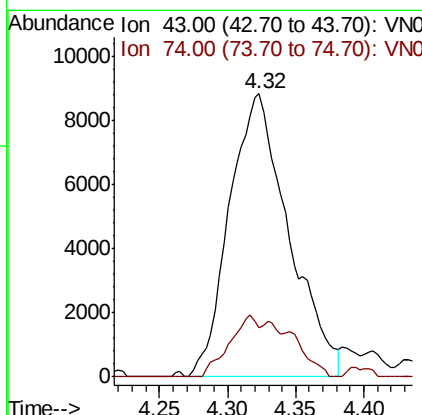
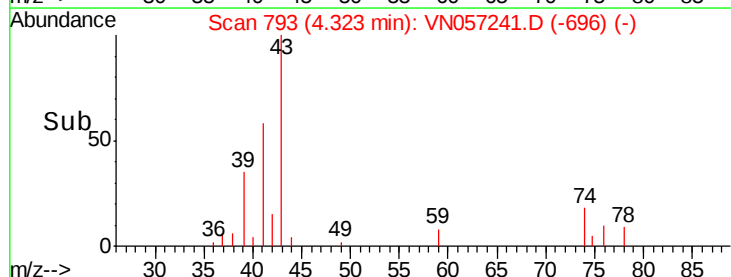
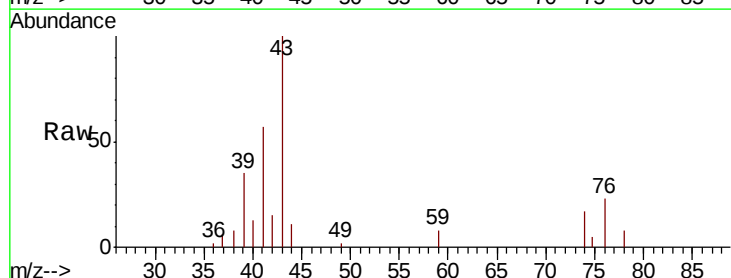
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

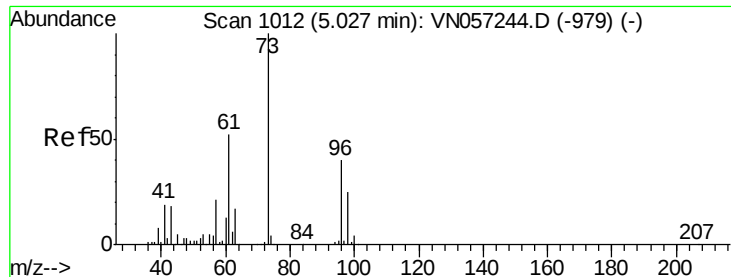
Tgt Ion: 76 Resp: 31159
Ion Ratio Lower Upper
76 100
78 12.8 7.7 11.5#



#18
Methyl Acetate
Concen: 1.752 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 43 Resp: 26603
Ion Ratio Lower Upper
43 100
74 10.6 20.6 31.0#

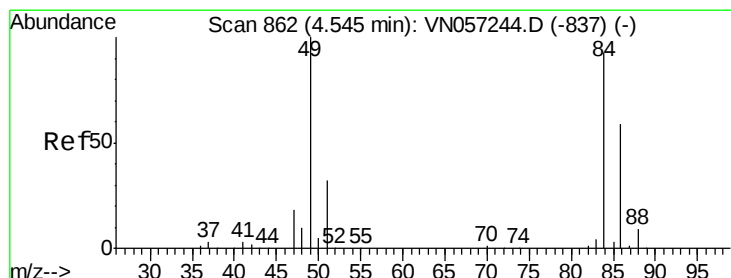
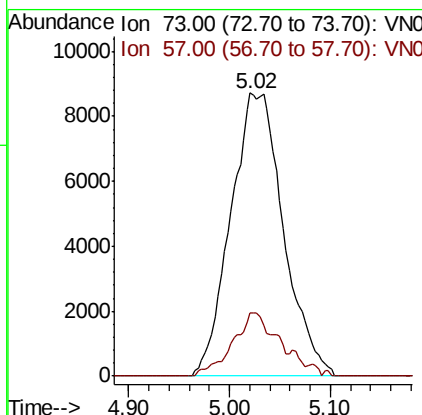
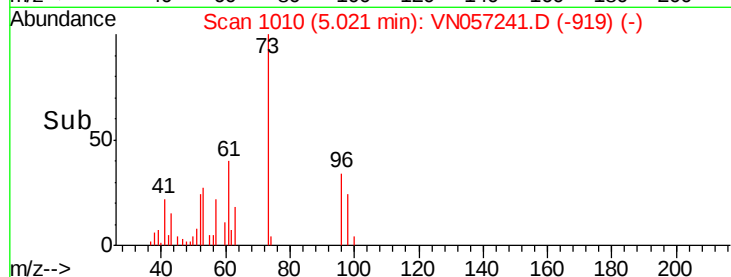
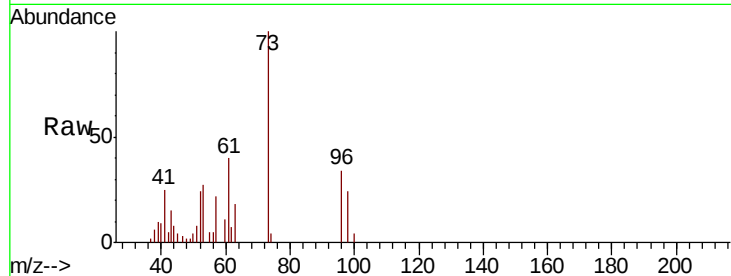




#19
Methyl tert-butyl Ether
Concen: 0.944 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

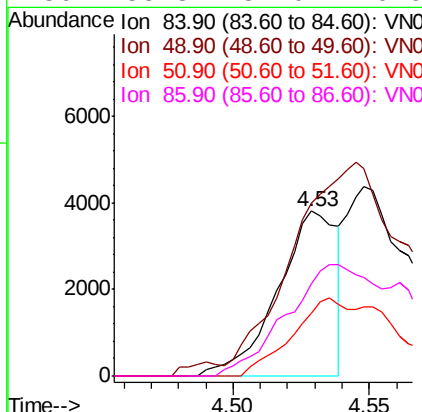
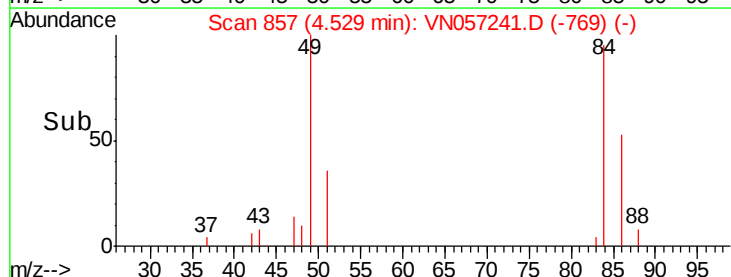
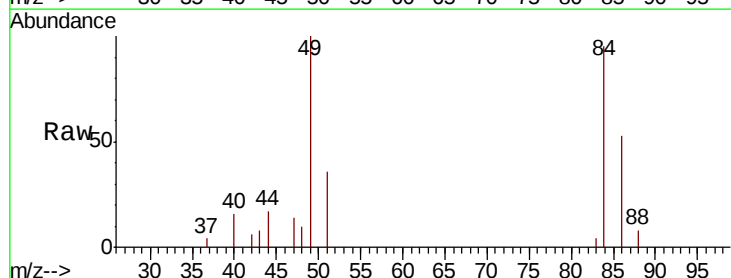
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

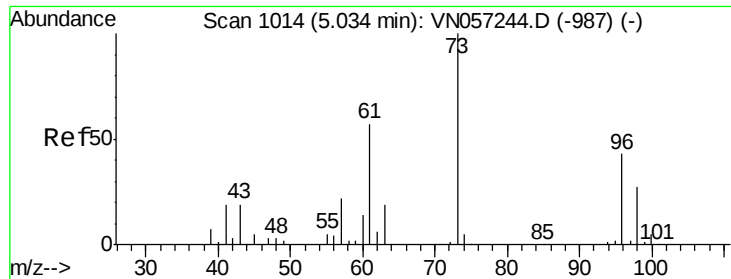
Tgt Ion: 73 Resp: 31670
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 0.457 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.02 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 84 Resp: 5730
Ion Ratio Lower Upper
84 100
49 99.3 85.9 128.9
51 37.9 27.1 40.7
86 55.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 1.038 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

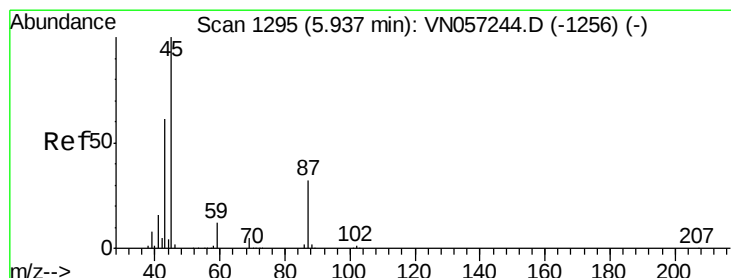
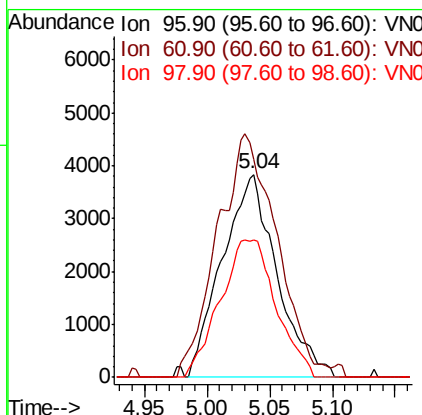
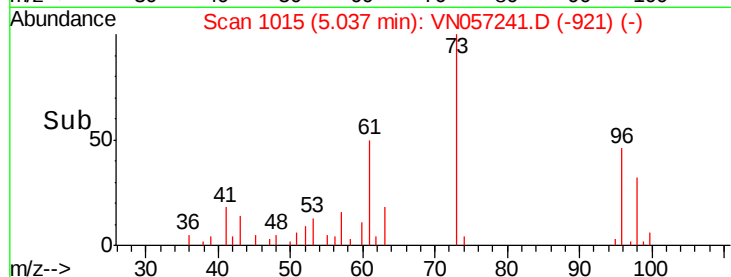
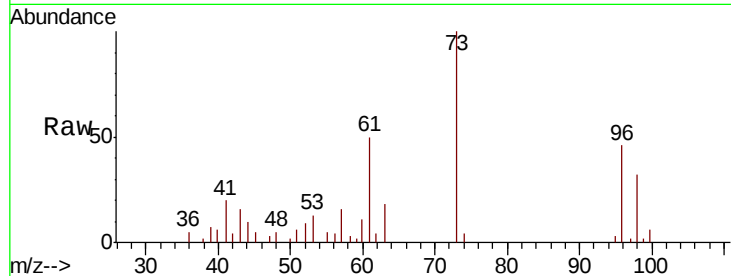
Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 11645

Ion	Ratio	Lower	Upper
96	100		
61	101.1	104.6	156.8#
98	67.8	49.7	74.5



#22

Diisopropyl ether

Concen: 0.901 ug/l

RT: 5.94 min Scan# 1295

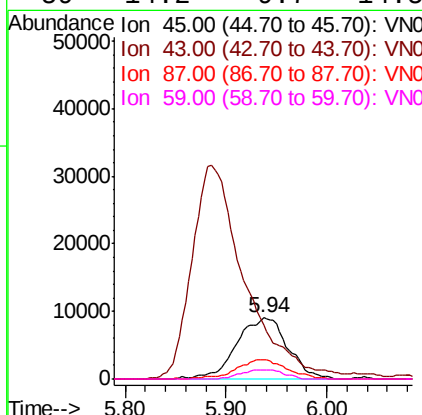
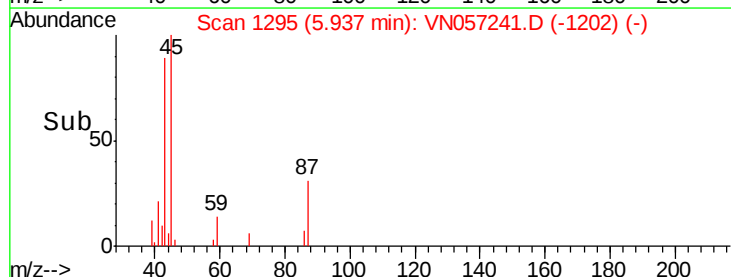
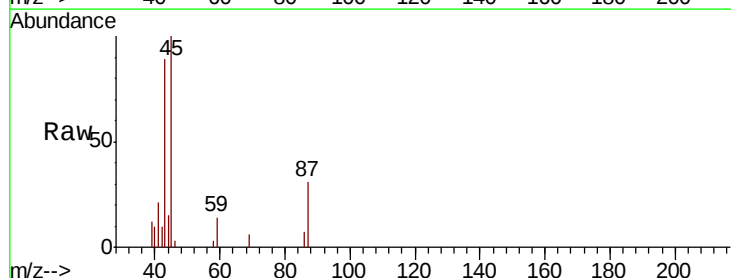
Delta R.T. -0.00 min

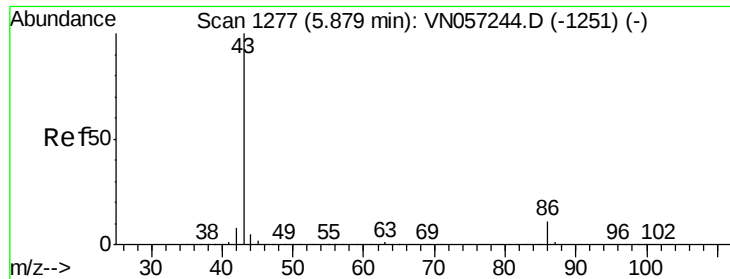
Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Tgt Ion: 45 Resp: 31874

Ion	Ratio	Lower	Upper
45	100		
43	78.7	48.9	73.3#
87	30.7	25.5	38.3
59	14.2	9.7	14.5

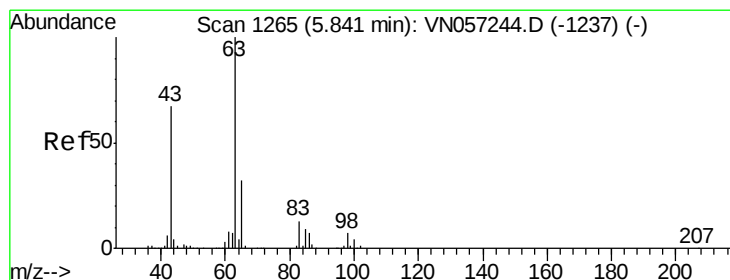
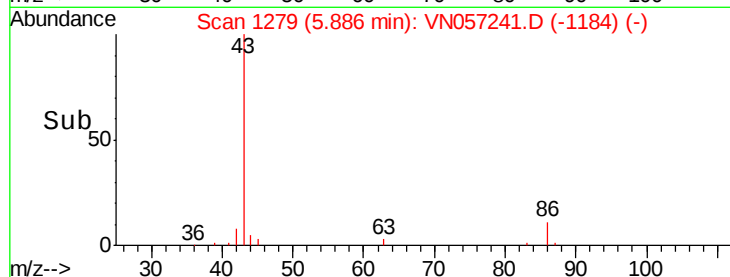
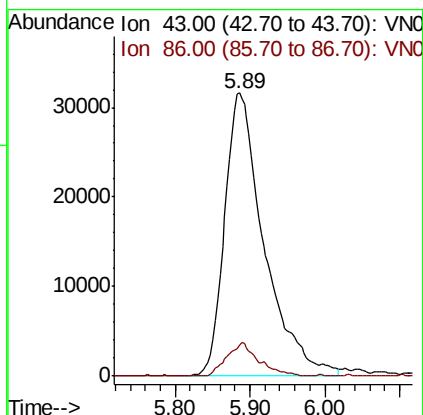
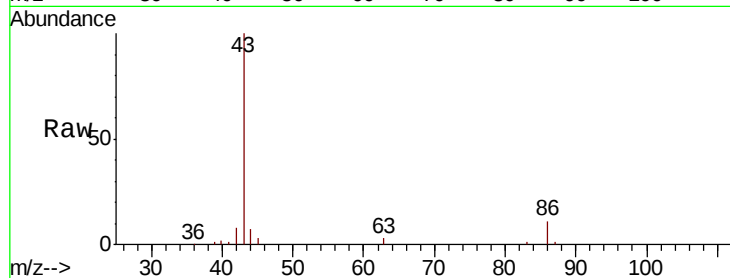




#23
 Vinyl Acetate
 Concen: 4.051 ug/l
 RT: 5.89 min Scan# 1279
 Delta R.T. 0.01 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

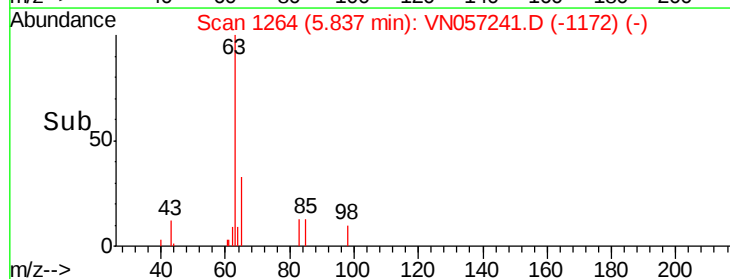
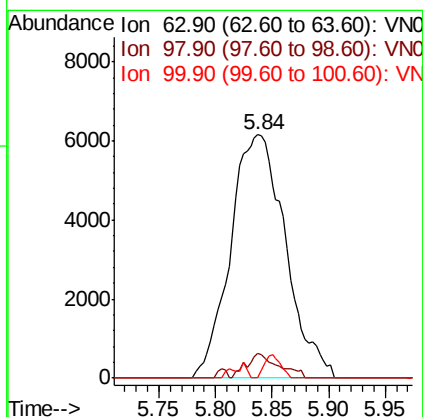
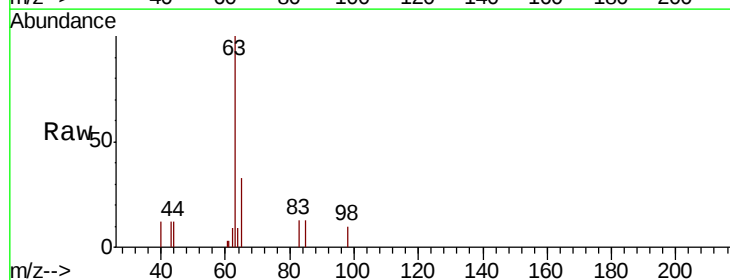
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

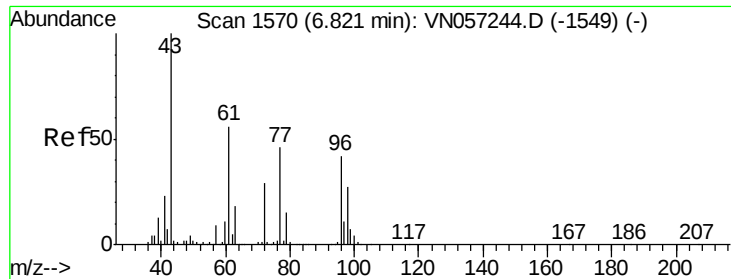
Tgt Ion: 43 Resp: 115730
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 0.991 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion: 63 Resp: 20665
 Ion Ratio Lower Upper
 63 100
 98 10.1 3.3 9.9#
 100 0.0 2.1 6.2#

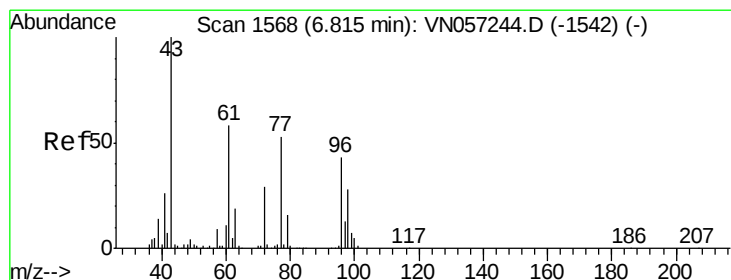
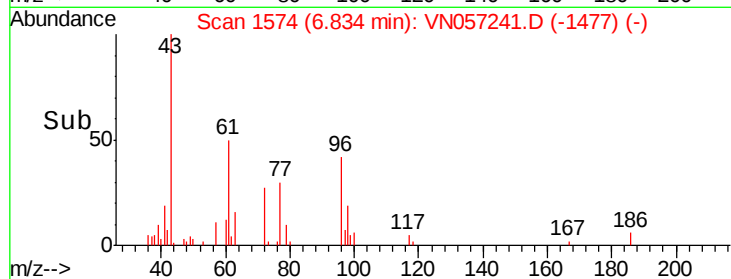
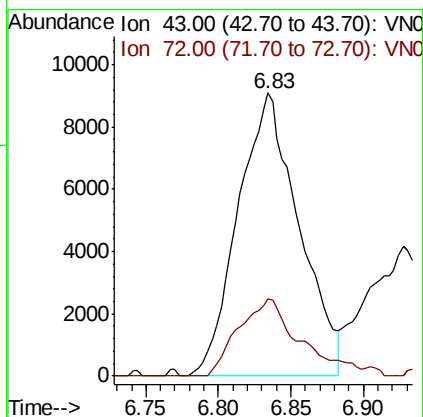
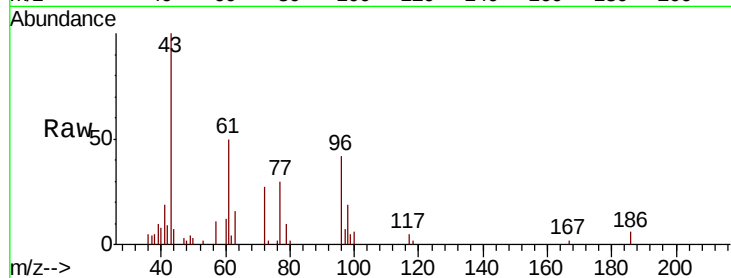




#25
 2-Butanone
 Concen: 3.303 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

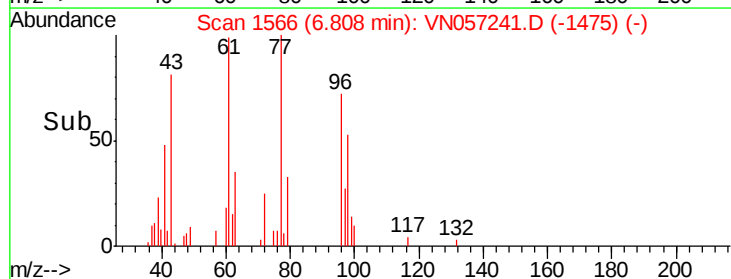
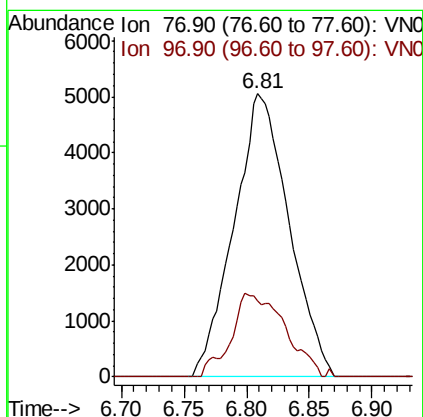
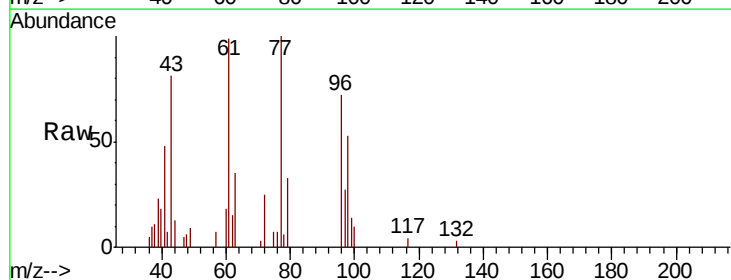
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

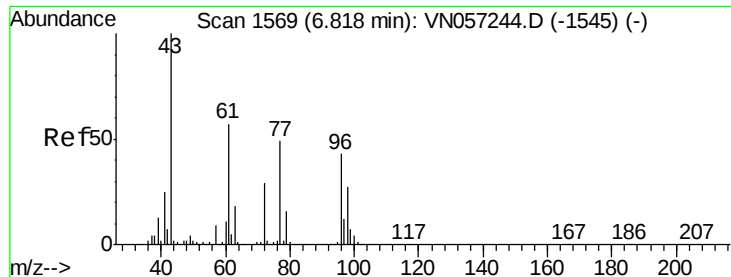
Tgt Ion: 43 Resp: 26596
 Ion Ratio Lower Upper
 43 100
 72 27.5 23.1 34.7



#26
 2,2-Dichloropropane
 Concen: 1.001 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion: 77 Resp: 15396
 Ion Ratio Lower Upper
 77 100
 97 28.7 12.1 36.3

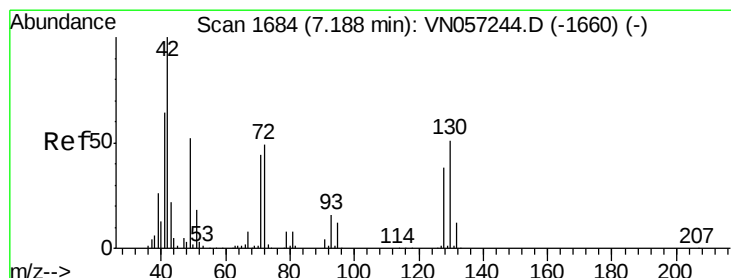
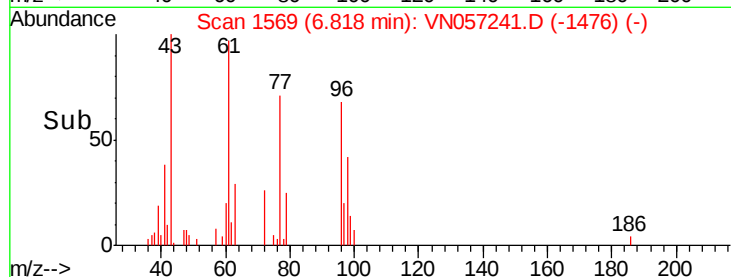
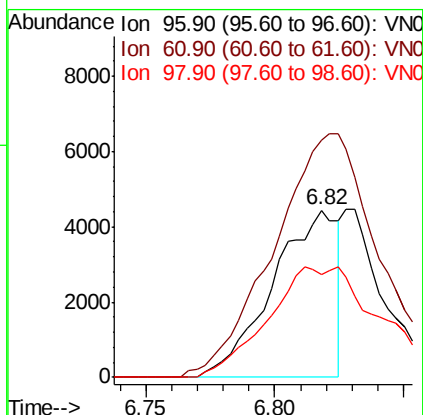
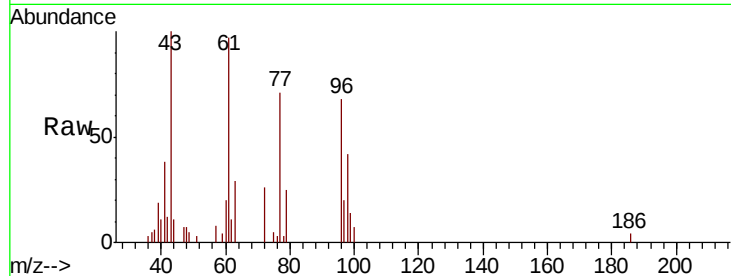




#27
 cis-1,2-Dichloroethene
 Concen: 0.601 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

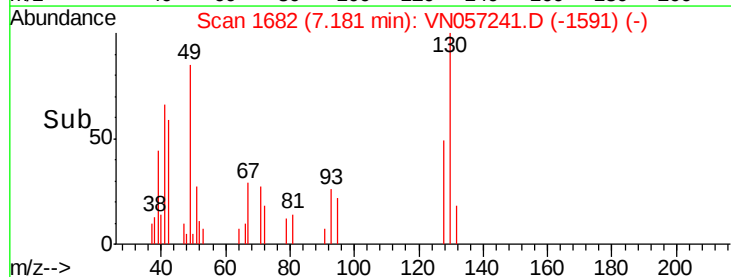
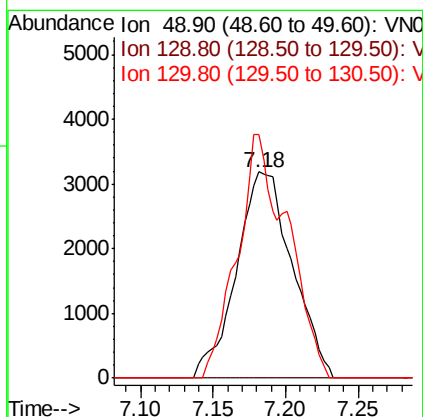
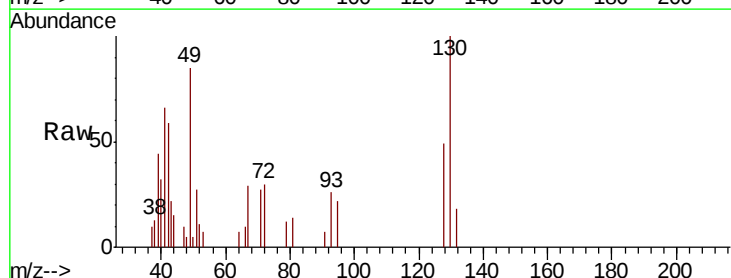
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

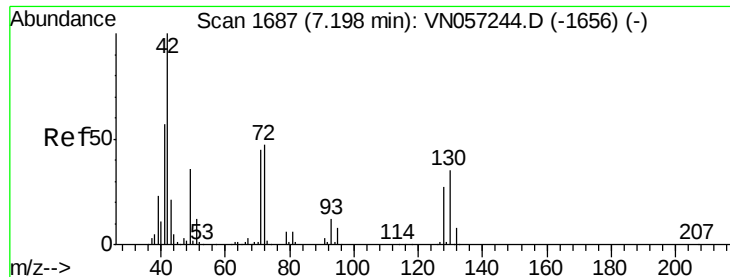
Tgt Ion: 96 Resp: 7765
 Ion Ratio Lower Upper
 96 100
 61 235.2 0.0 271.0
 98 56.5 0.0 129.2



#28
 Bromochloromethane
 Concen: 0.887 ug/l
 RT: 7.18 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion: 49 Resp: 8539
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.0
 130 74.9 75.6 113.4#





#29

Tetrahydrofuran

Concen: 3.670 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

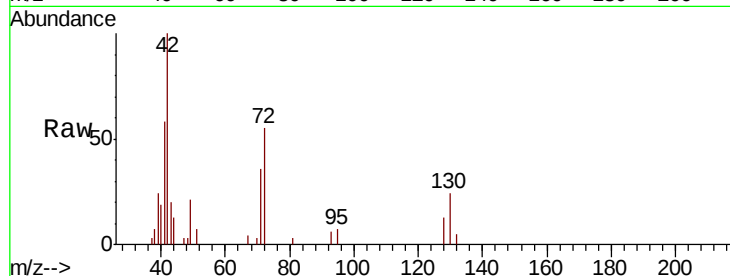
Tgt Ion: 42 Resp: 19187

Ion Ratio Lower Upper

42 100

72 48.3 37.6 56.4

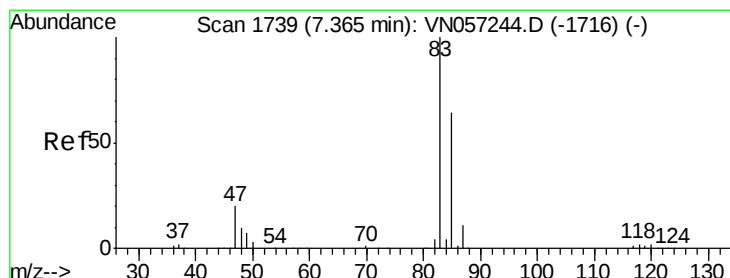
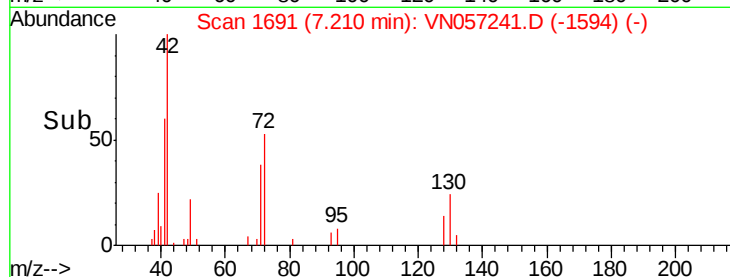
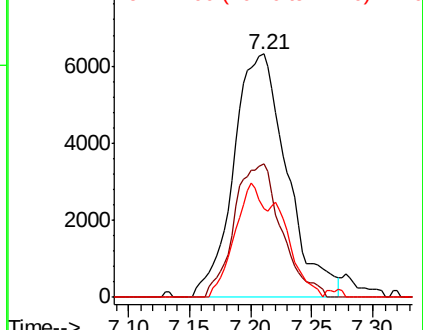
71 26.3 35.6 53.4#



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: 1.085 ug/l

RT: 7.36 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VN057241.D

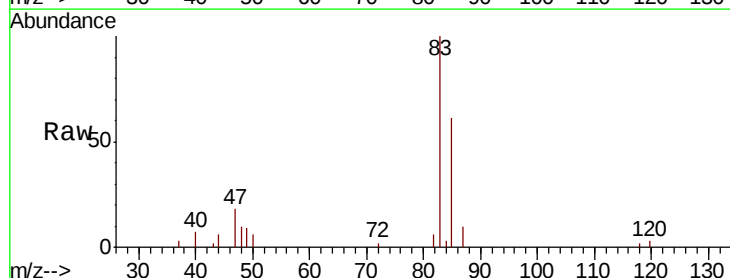
Acq: 13 Aug 2019 11:27

Tgt Ion: 83 Resp: 22805

Ion Ratio Lower Upper

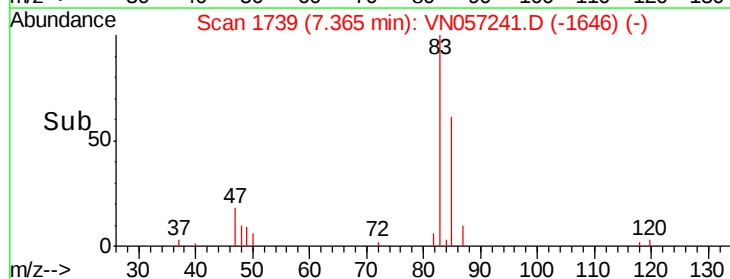
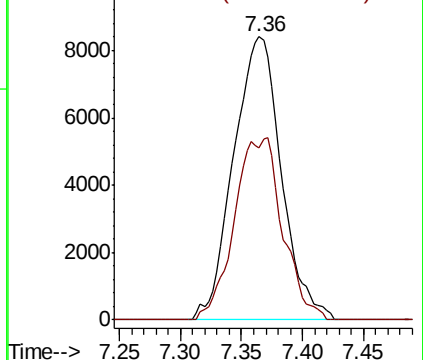
83 100

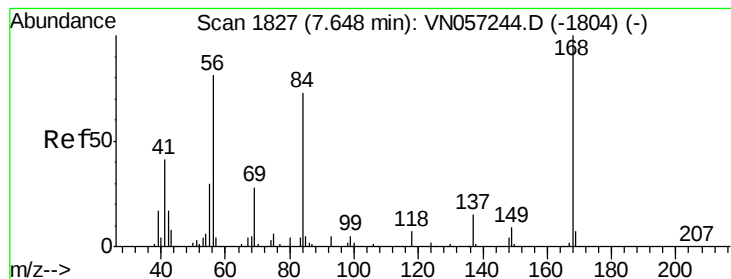
85 61.0 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.628 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

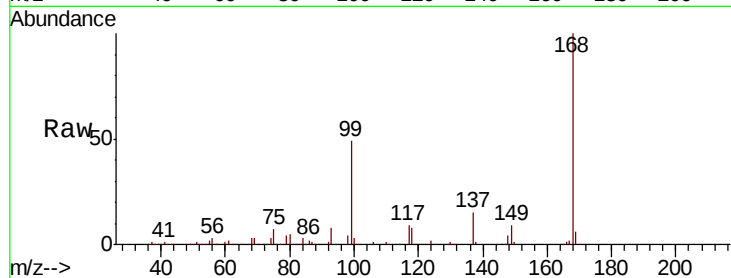
Tgt Ion: 56 Resp: 31618

Ion Ratio Lower Upper

56 100

69 108.6 27.8 41.8#

84 110.0 72.0 108.0#

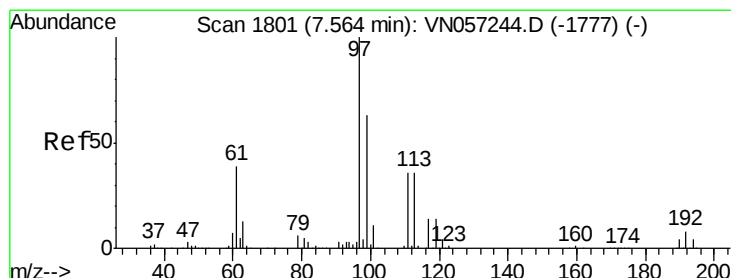
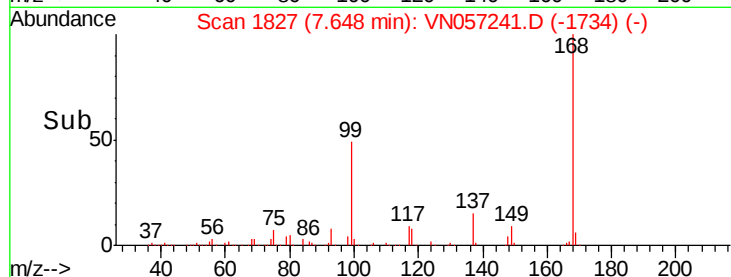
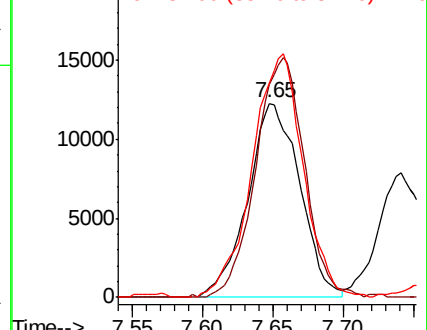


Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 0.994 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

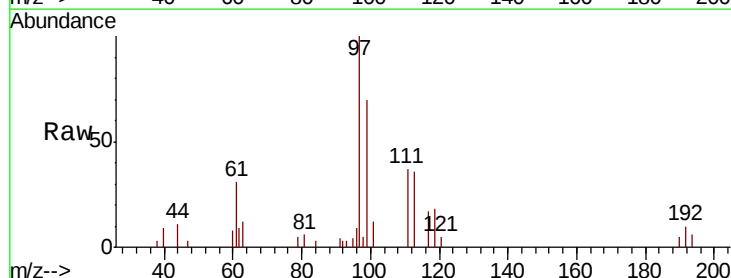
Tgt Ion: 97 Resp: 16696

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

61 38.8 32.1 48.1

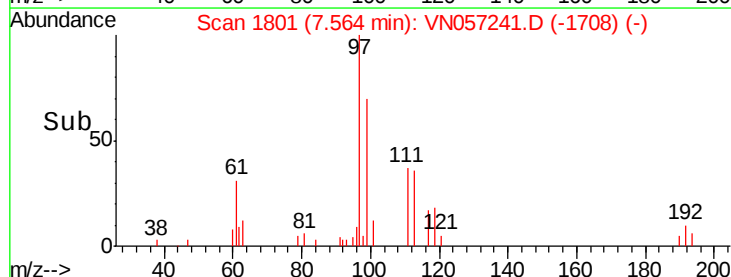
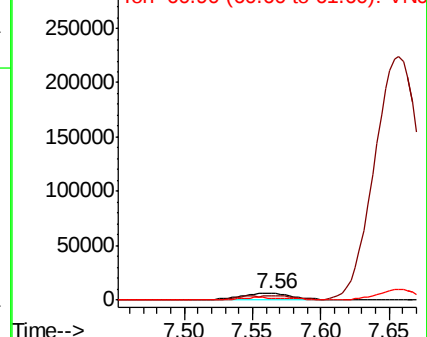


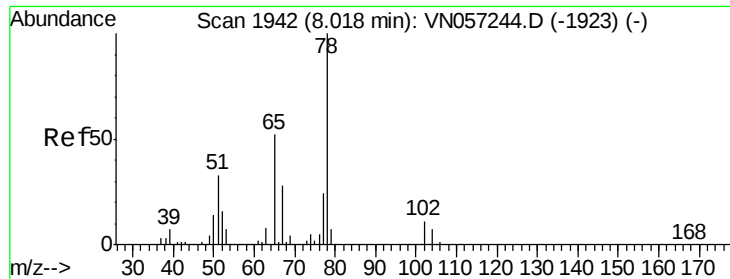
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

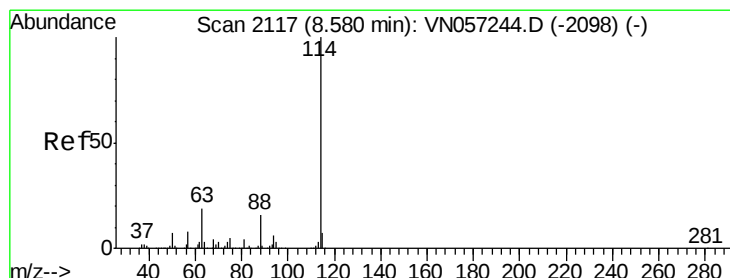
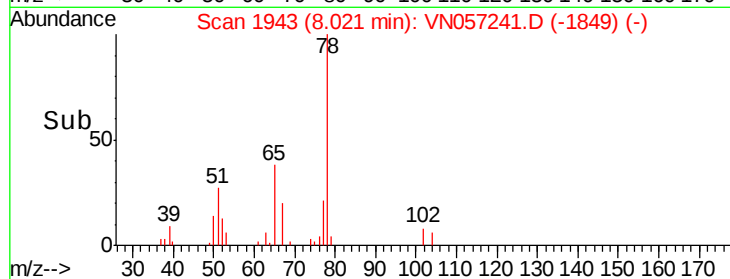
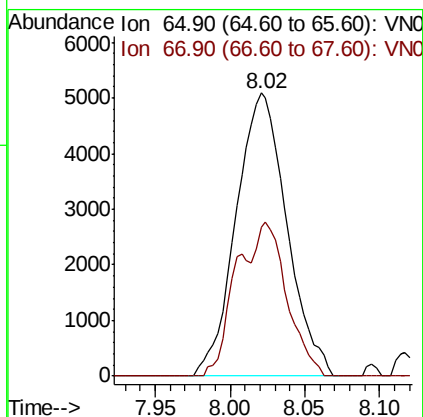
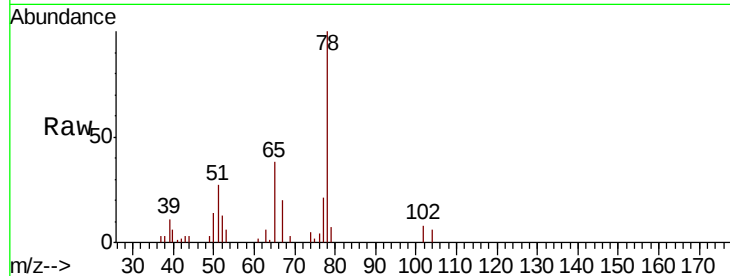




#33
 1,2-Dichloroethane-d4
 Concen: 0.960 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

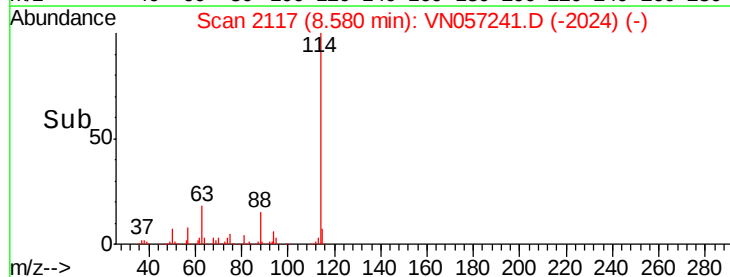
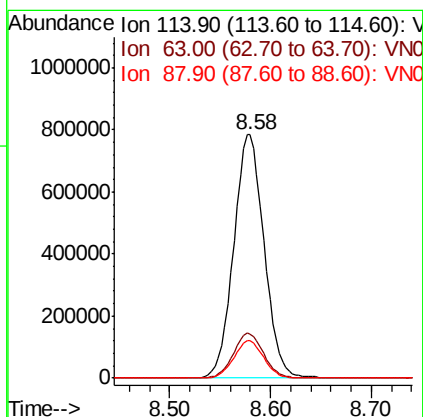
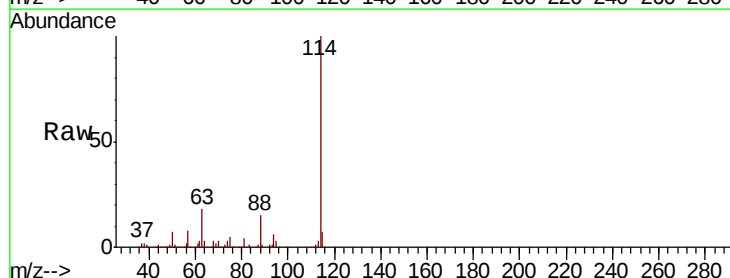
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

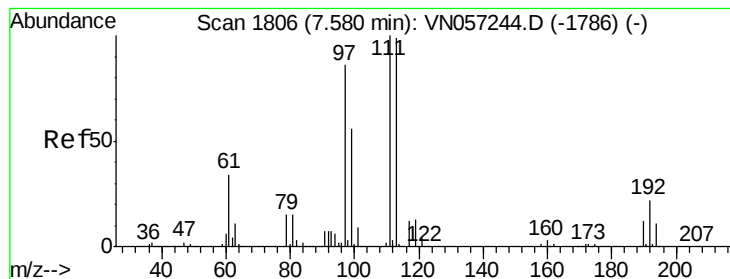
Tgt Ion: 65 Resp: 12001
 Ion Ratio Lower Upper
 65 100
 67 33.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion: 114 Resp: 1638665
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.0
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 1.094 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

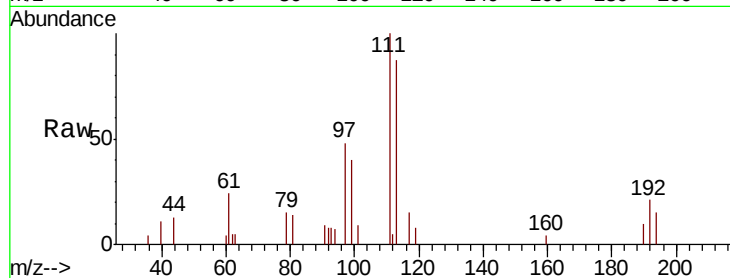
Tgt Ion:113 Resp: 11290

Ion Ratio Lower Upper

113 100

111 105.5 81.4 122.2

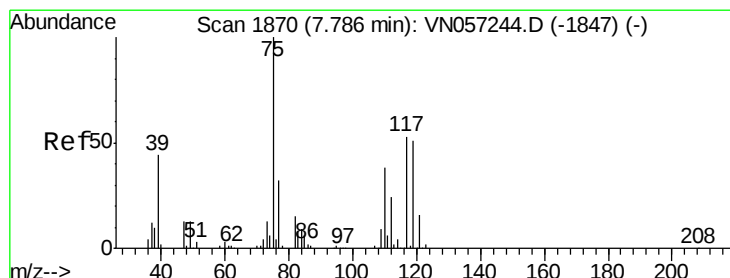
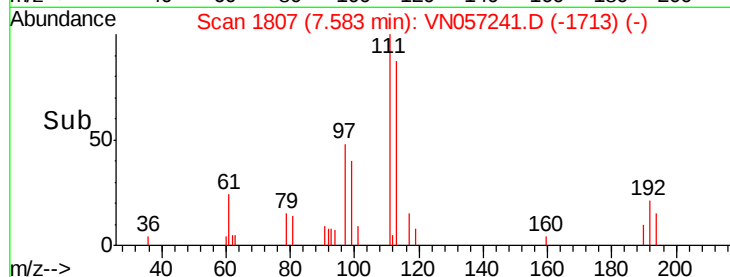
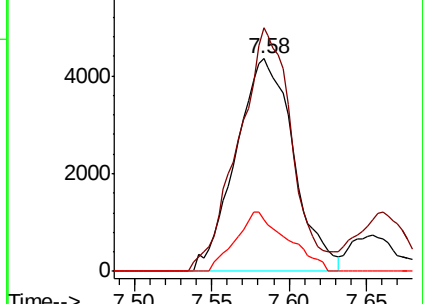
192 24.9 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.009 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.01 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

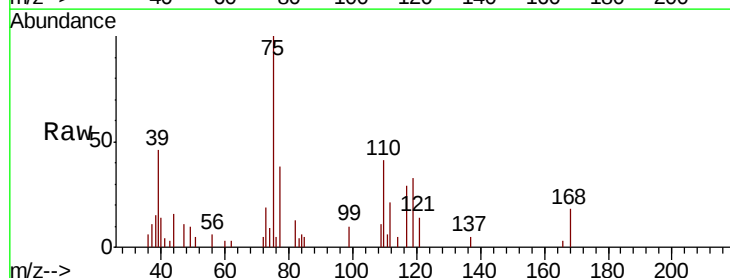
Tgt Ion: 75 Resp: 15264

Ion Ratio Lower Upper

75 100

110 41.4 19.1 57.1

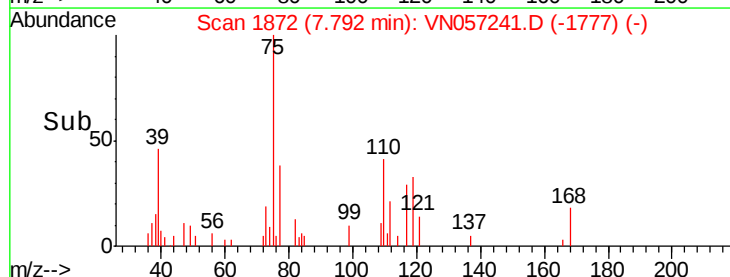
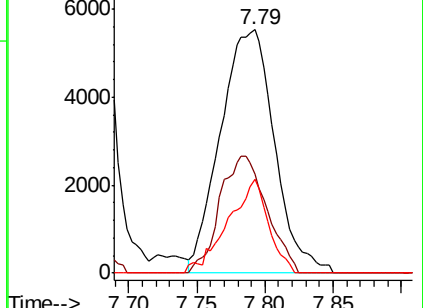
77 28.7 25.2 37.8

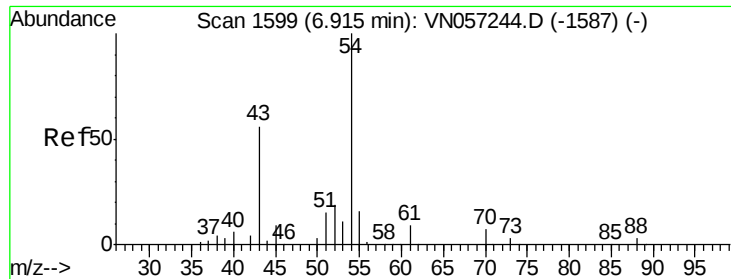


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

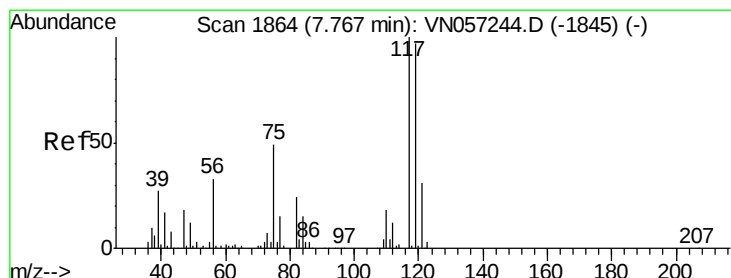
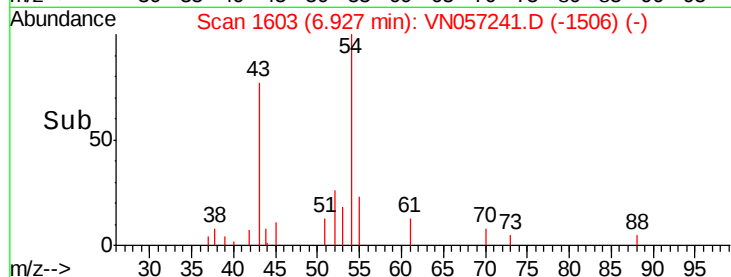
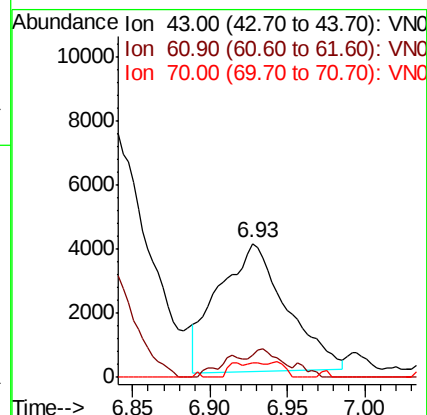
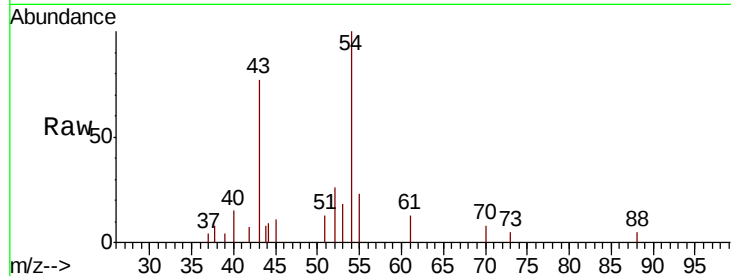




#37
Ethyl Acetate
Concen: 0.859 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

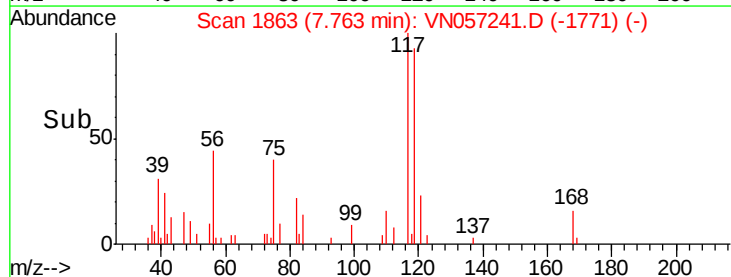
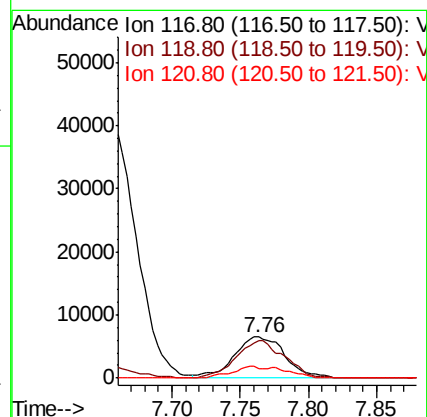
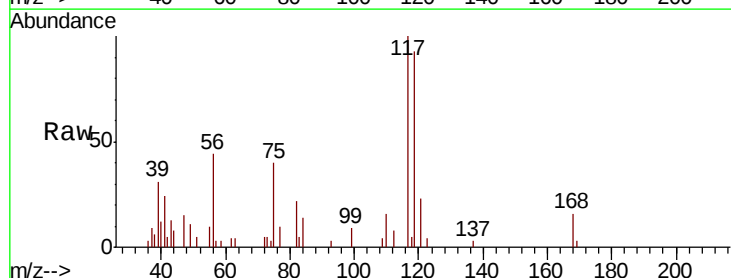
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

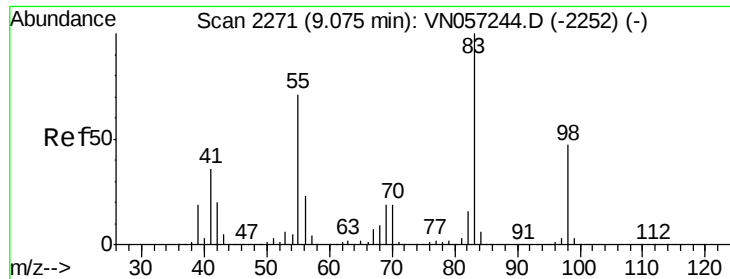
Tgt Ion: 43 Resp: 12275
Ion Ratio Lower Upper
43 100
61 5.6 12.7 19.1#
70 0.0 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 1.177 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 117 Resp: 16986
Ion Ratio Lower Upper
117 100
119 92.8 77.8 116.6
121 23.3 24.9 37.3#

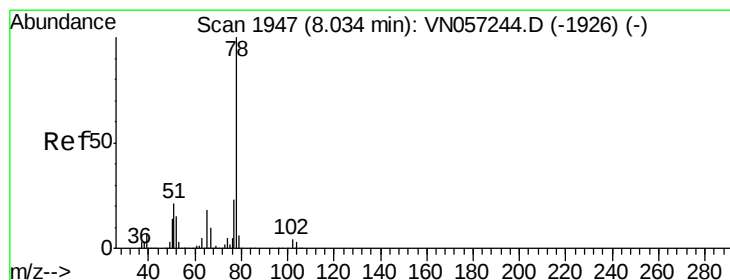
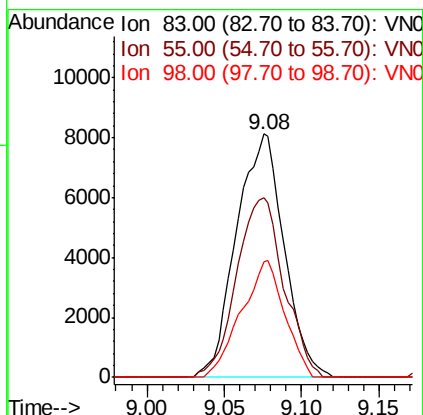
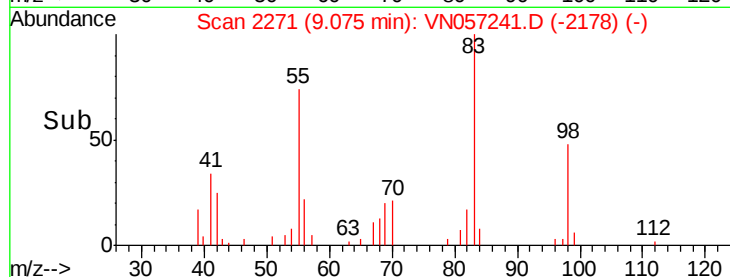
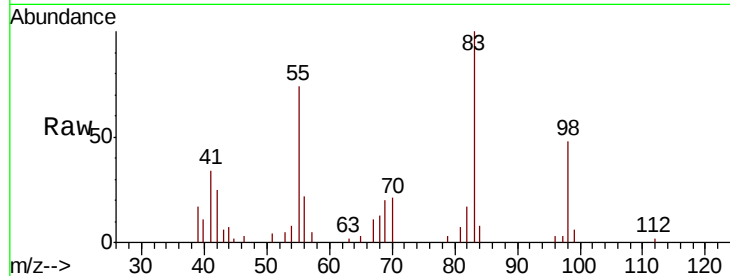




#39
Methylcyclohexane
Concen: 0.938 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

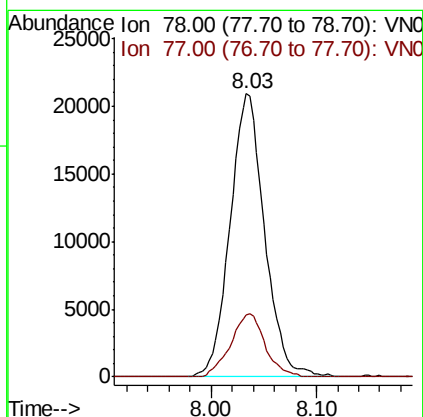
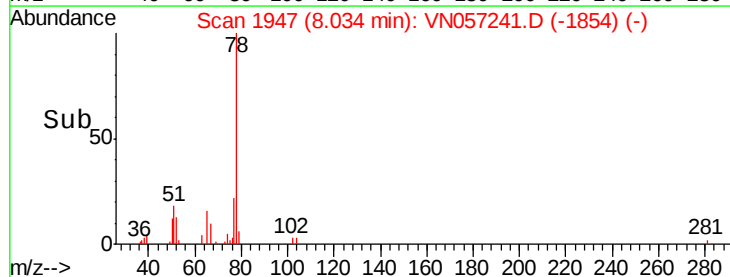
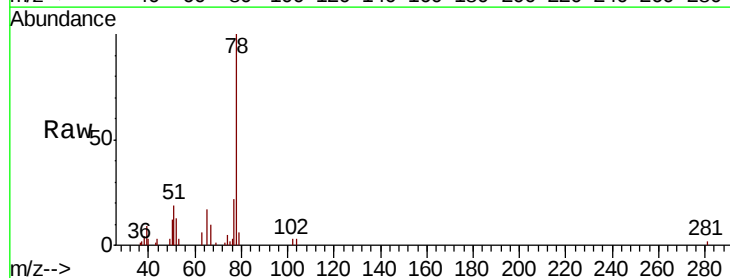
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

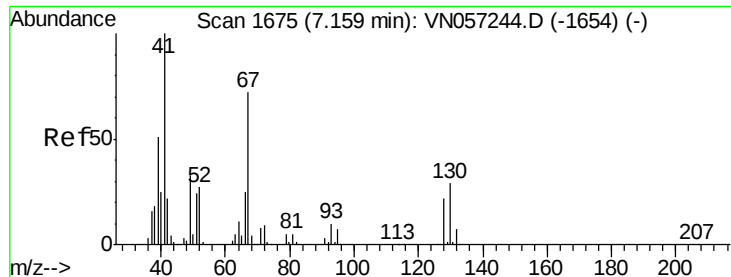
Tgt Ion: 83 Resp: 17389
Ion Ratio Lower Upper
83 100
55 73.9 57.0 85.4
98 47.7 37.2 55.8



#40
Benzene
Concen: 1.028 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 78 Resp: 47427
Ion Ratio Lower Upper
78 100
77 21.9 18.2 27.4

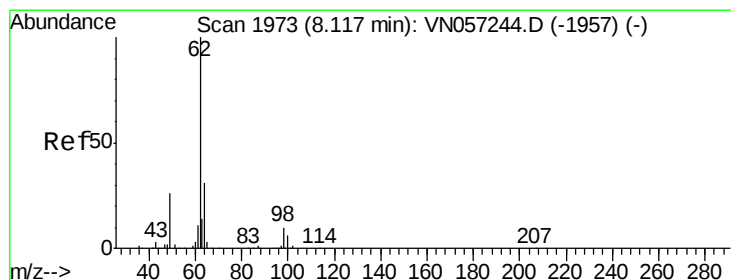
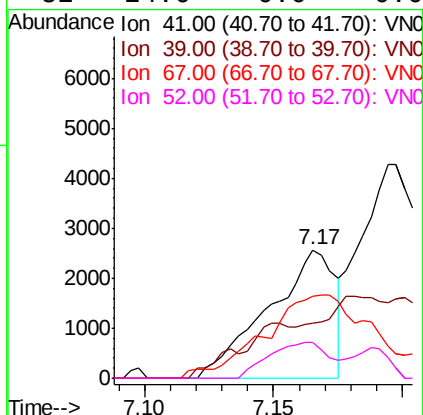
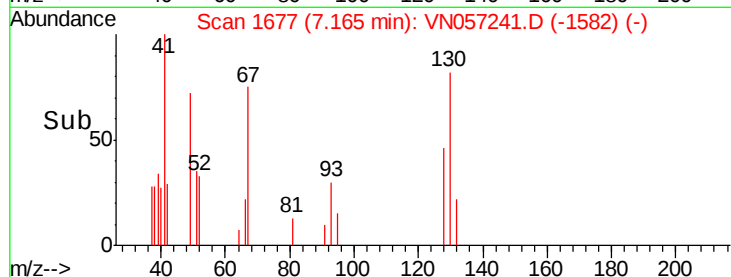
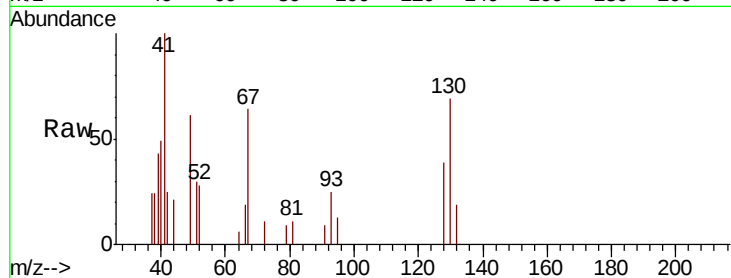




#41
Methacrylonitrile
Concen: 0.746 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

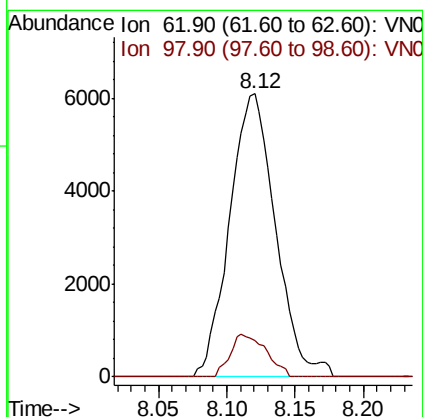
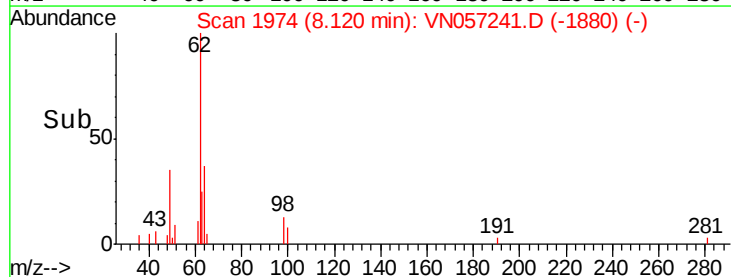
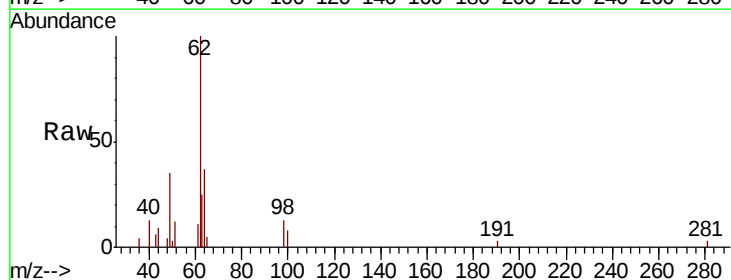
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

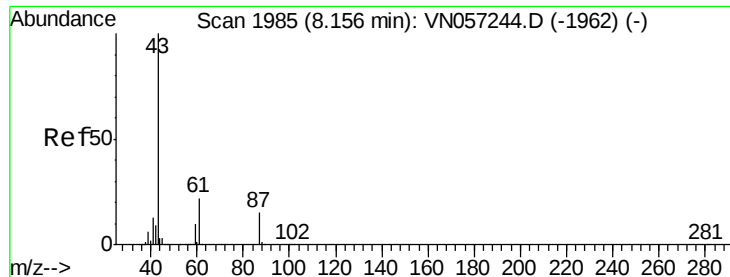
Tgt Ion:	41	Resp:	4637
Ion	Ratio	Lower	Upper
41	100		
39	36.9	0.0	0.0#
67	105.9	0.0	0.0#
52	24.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 0.973 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion:	62	Resp:	14245
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.0





#43

Isopropyl Acetate

Concen: 0.730 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

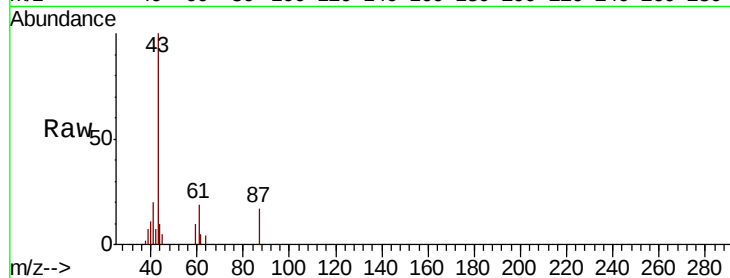
Tgt Ion: 43 Resp: 16636

Ion Ratio Lower Upper

43 100

61 22.1 23.5 35.3#

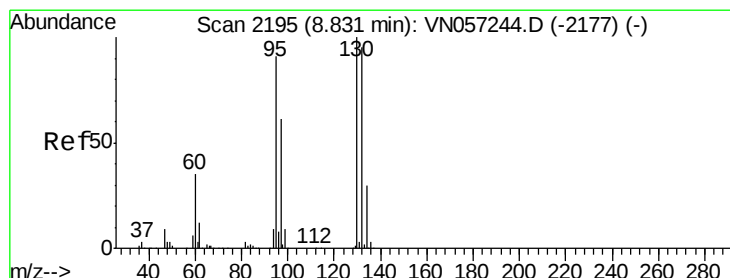
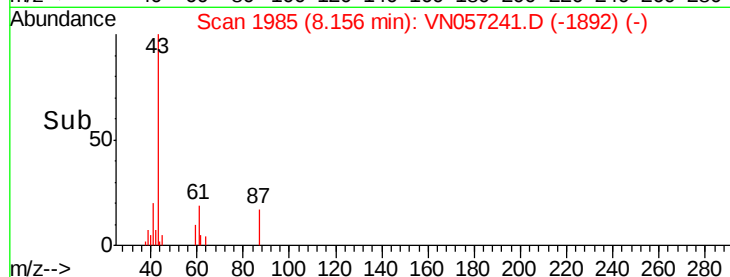
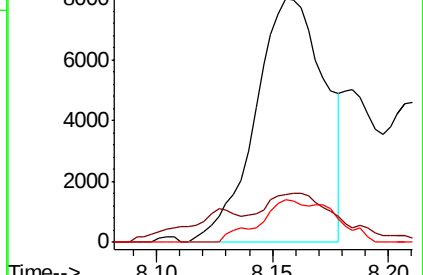
87 18.7 12.1 18.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057241.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN057241.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN057241.D (-1962) (-)



#44

Trichloroethene

Concen: 1.092 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN057241.D

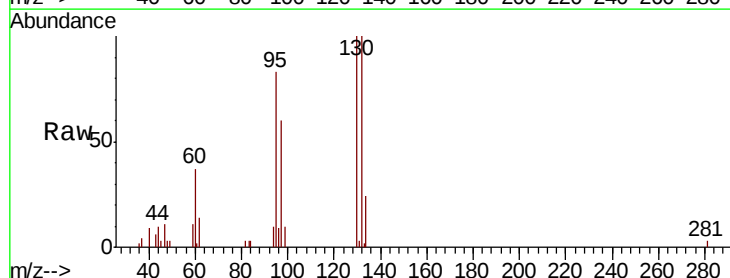
Acq: 13 Aug 2019 11:27

Tgt Ion: 130 Resp: 13849

Ion Ratio Lower Upper

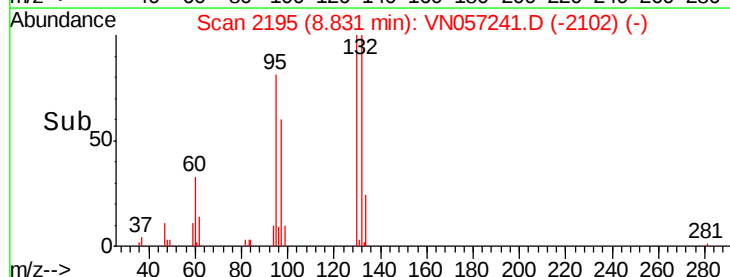
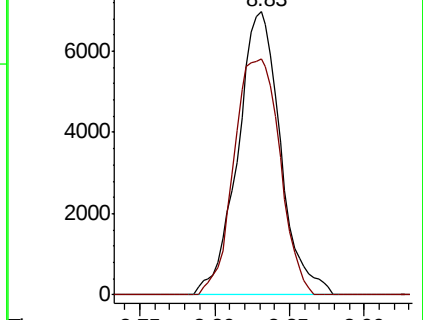
130 100

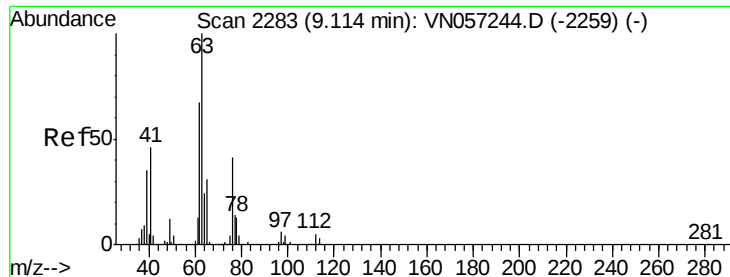
95 83.2 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VN057241.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057241.D (-2177) (-)

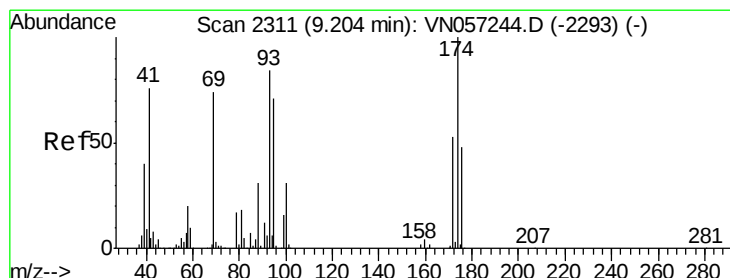
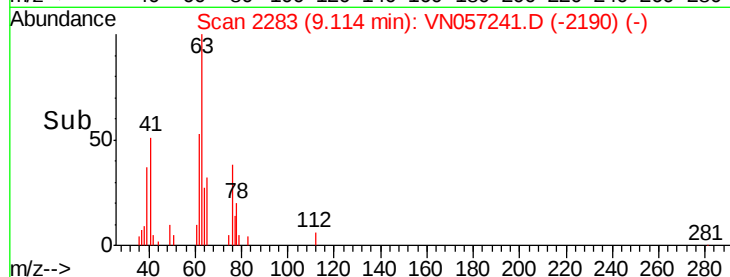
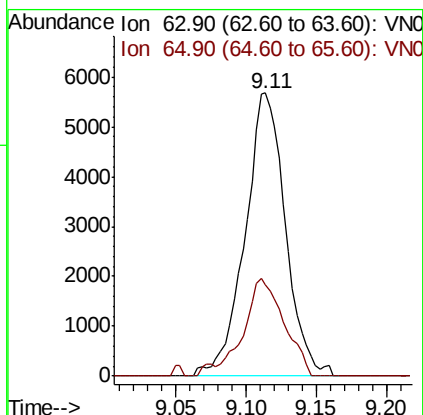
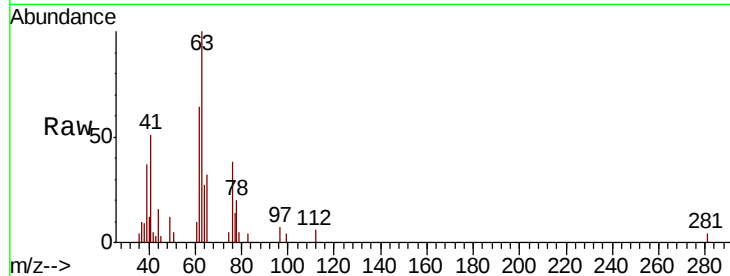




#45
 1,2-Dichloropropane
 Concen: 0.938 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

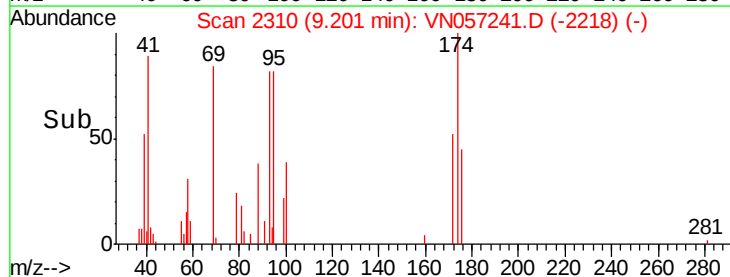
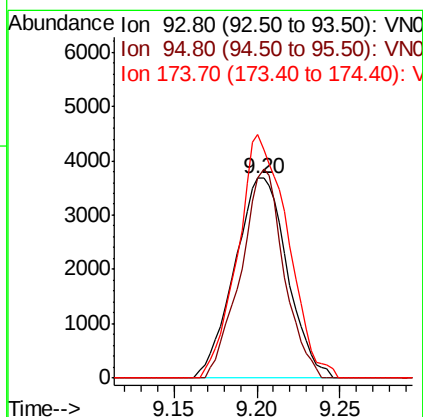
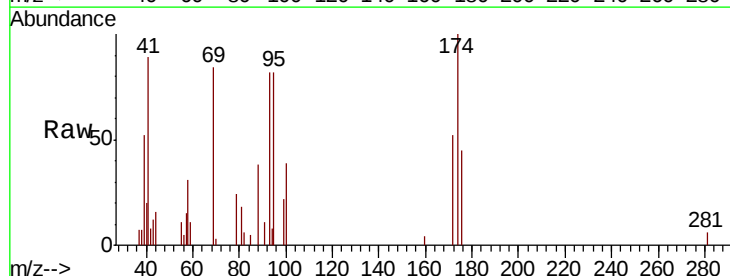
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

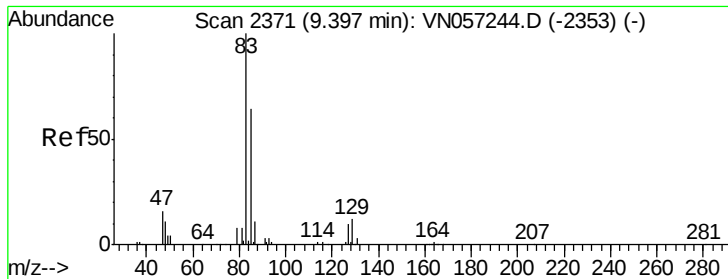
Tgt Ion: 63 Resp: 11392
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.0 37.4



#46
 Dibromomethane
 Concen: 1.069 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion: 93 Resp: 8146
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.0 100.4
 174 115.2 96.2 144.2





#47

Bromodichloromethane

Concen: 0.962 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

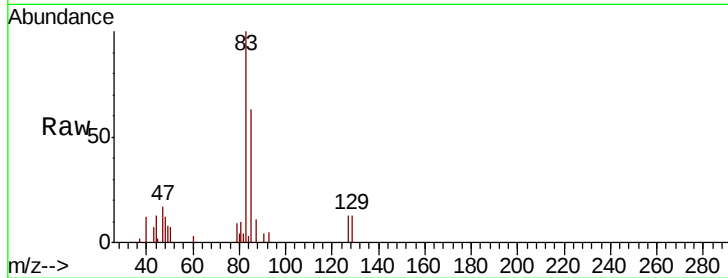
Instrument :

MSVOA_N

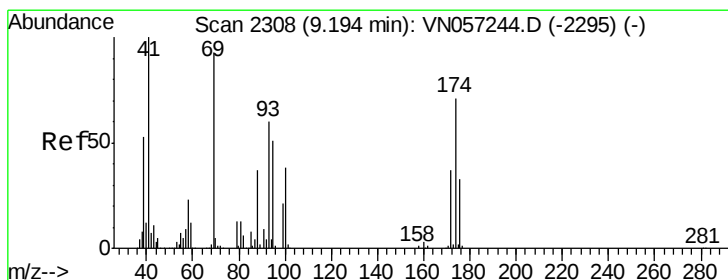
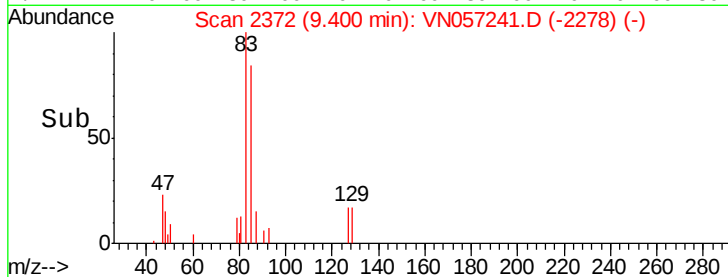
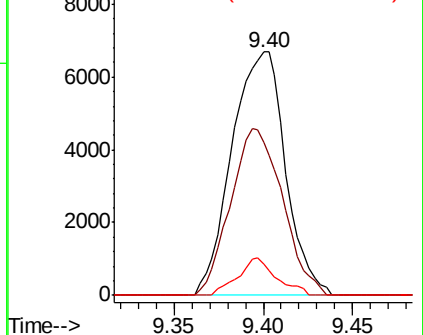
ClientSampleId :

VSTDIC001

Tgt Ion:	83	Resp:	14024
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.4	77.0
127	13.0	7.7	11.5#



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



#48

Methyl methacrylate

Concen: 0.726 ug/l

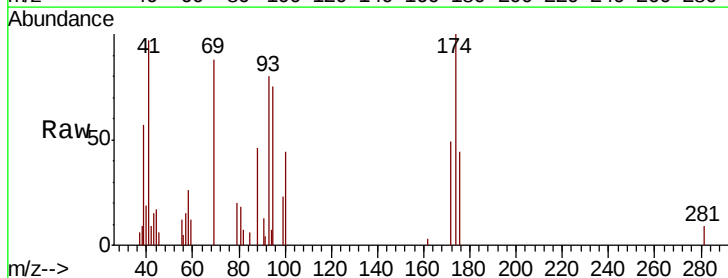
RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

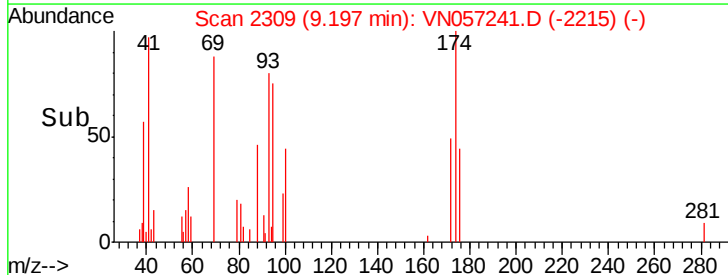
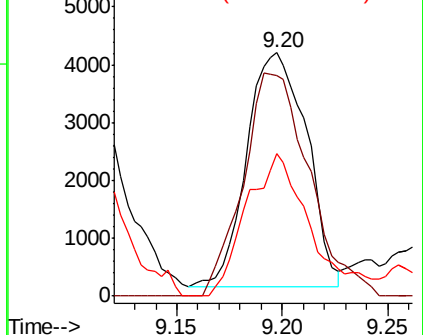
Lab File: VN057241.D

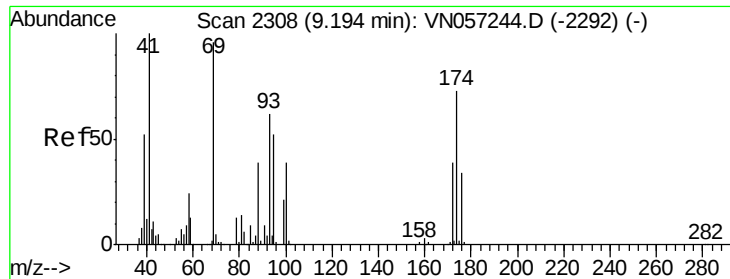
Acq: 13 Aug 2019 11:27

Tgt Ion:	41	Resp:	7950
Ion	Ratio	Lower	Upper
41	100		
69	105.7	75.7	113.5
39	65.7	43.3	64.9#



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

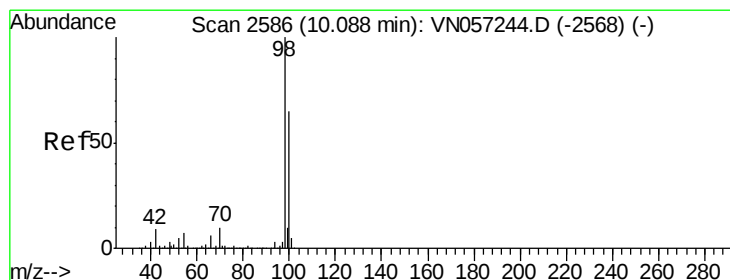
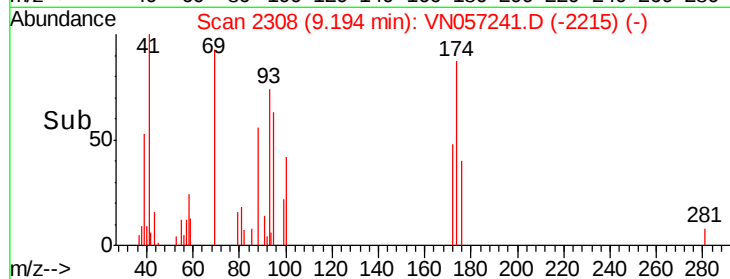
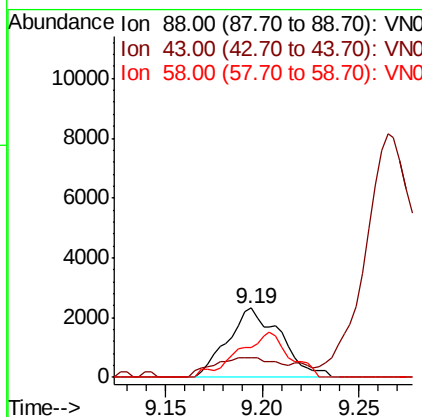
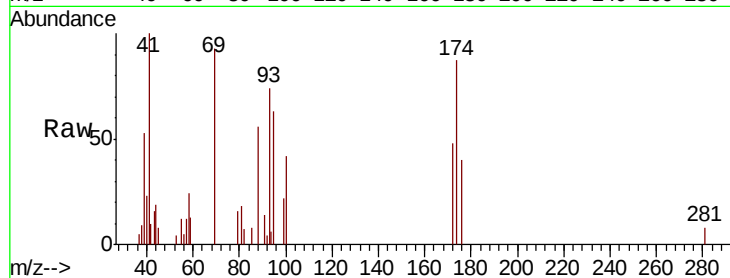




#49
1,4-Dioxane
Concen: 19.356 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

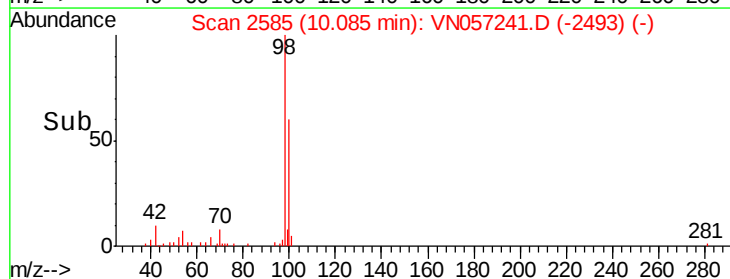
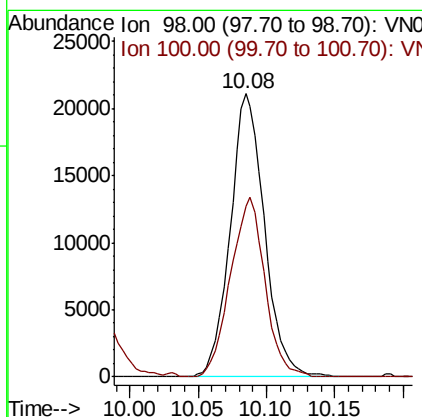
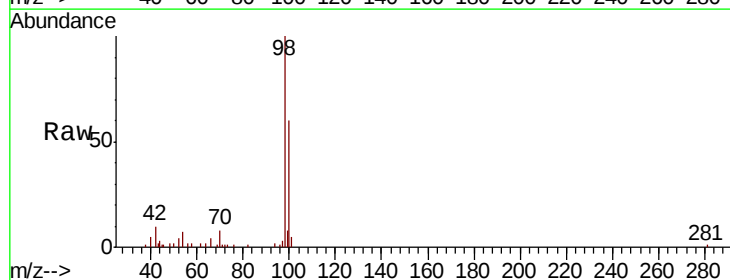
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

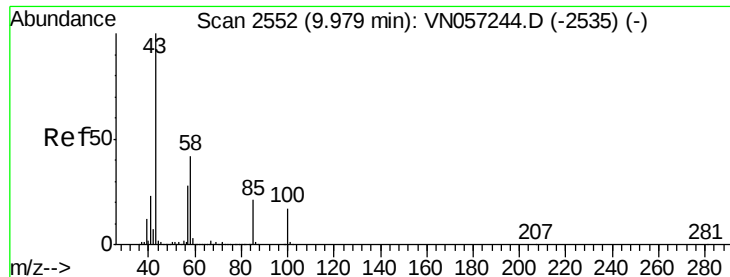
Tgt Ion: 88 Resp: 4421
Ion Ratio Lower Upper
88 100
43 35.0 20.7 31.1#
58 62.0 52.0 78.0



#50
Toluene-d8
Concen: 0.925 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 98 Resp: 36727
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

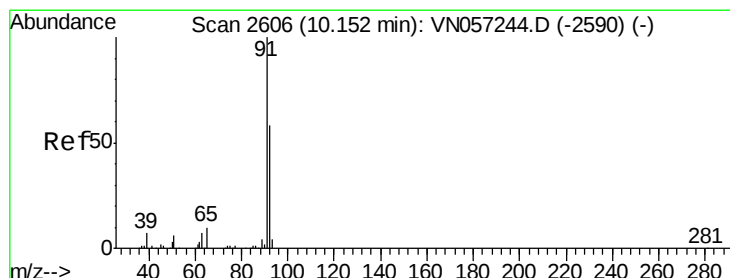
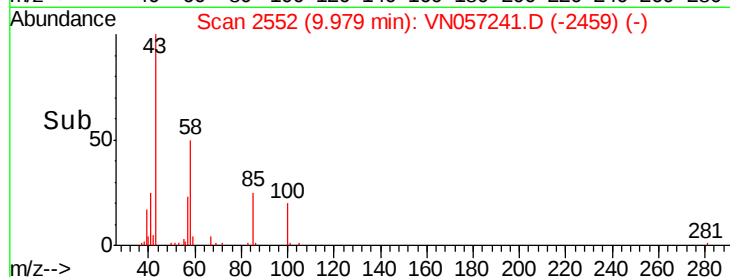
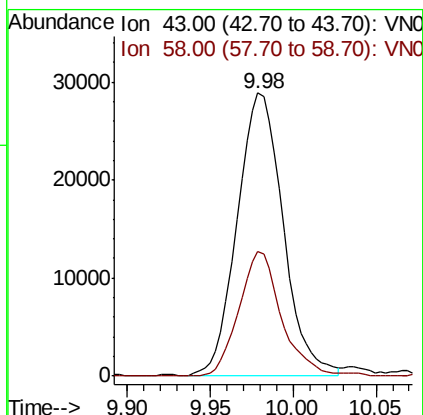
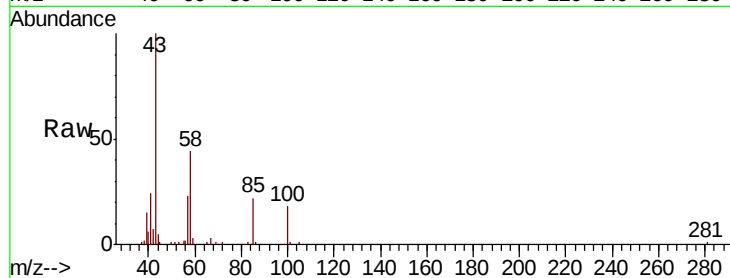




#51
 4-Methyl-2-Pentanone
 Concen: 3.832 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

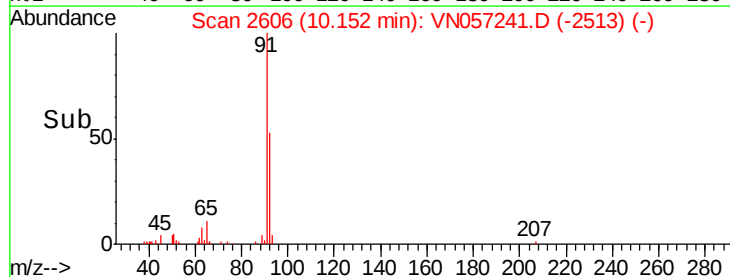
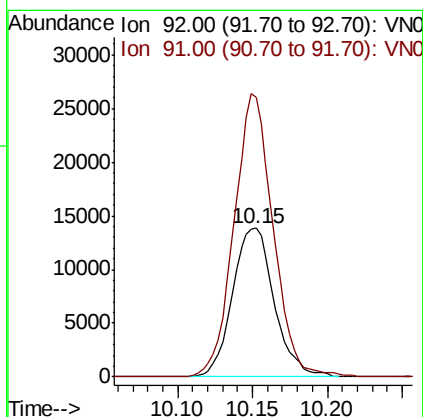
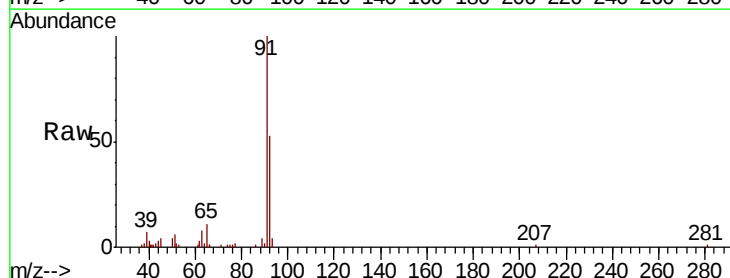
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

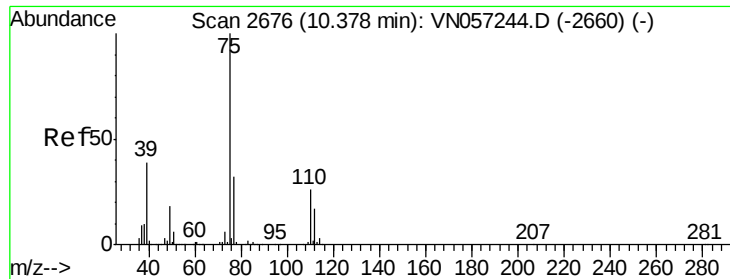
Tgt Ion: 43 Resp: 55796
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.7 50.5



#52
 Toluene
 Concen: 0.973 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion: 92 Resp: 26838
 Ion Ratio Lower Upper
 92 100
 91 178.5 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 0.950 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

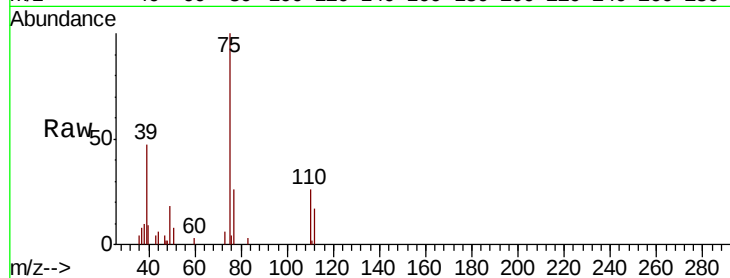
VSTDIC001

Tgt Ion: 75 Resp: 14476

Ion Ratio Lower Upper

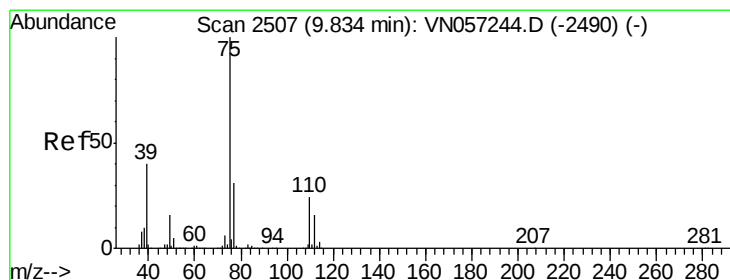
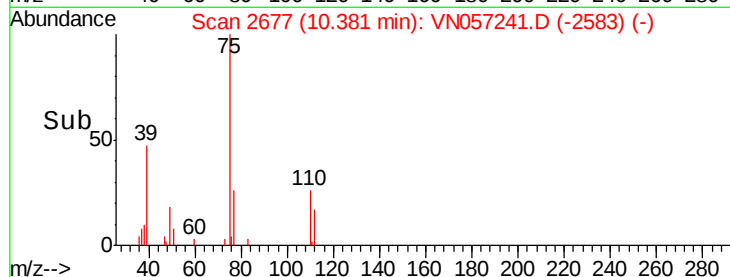
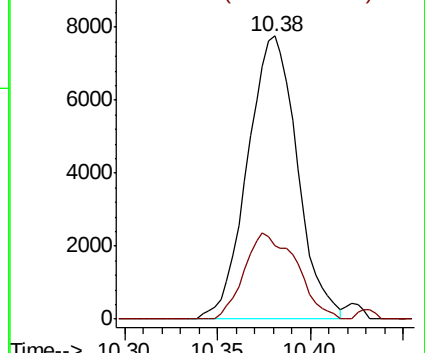
75 100

77 26.0 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.923 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

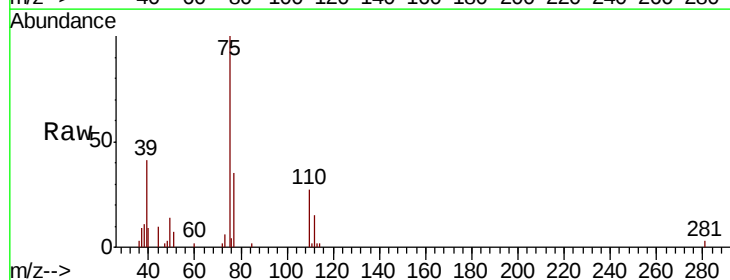
Tgt Ion: 75 Resp: 16250

Ion Ratio Lower Upper

75 100

77 35.2 25.0 37.6

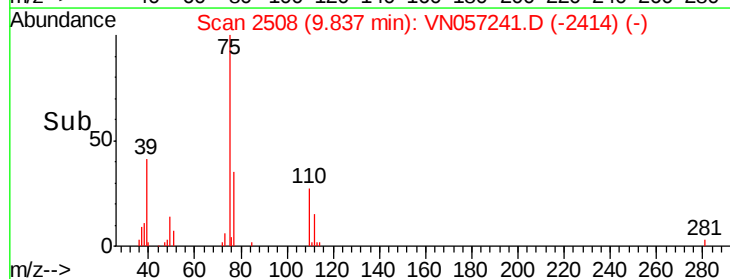
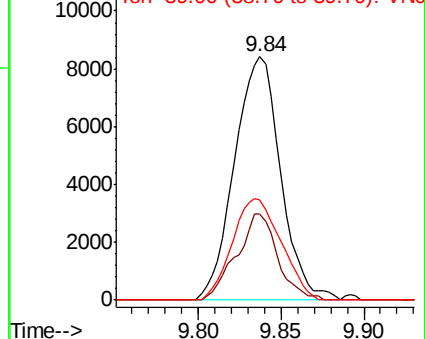
39 41.1 32.3 48.5

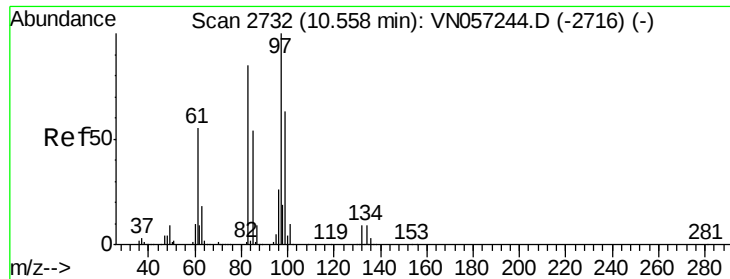


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

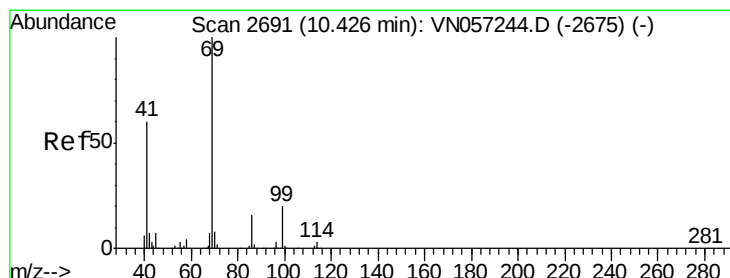
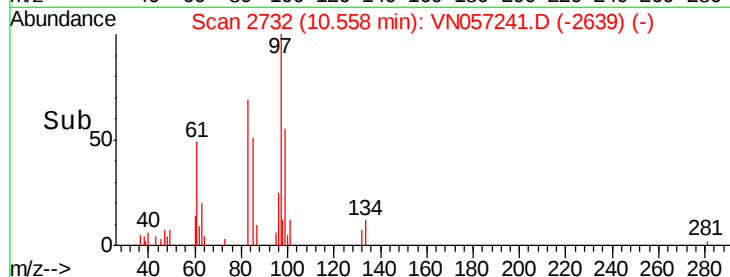
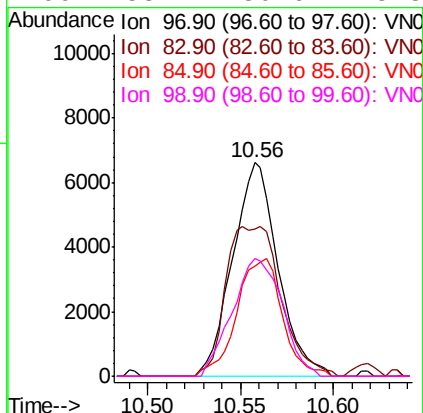
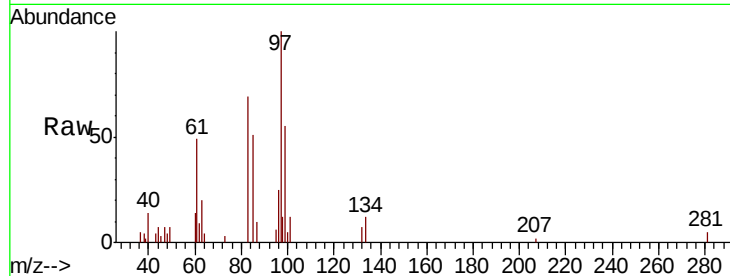




#55
 1,1,2-Trichloroethane
 Concen: 0.981 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

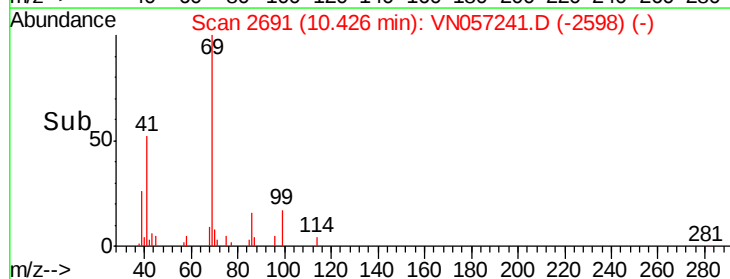
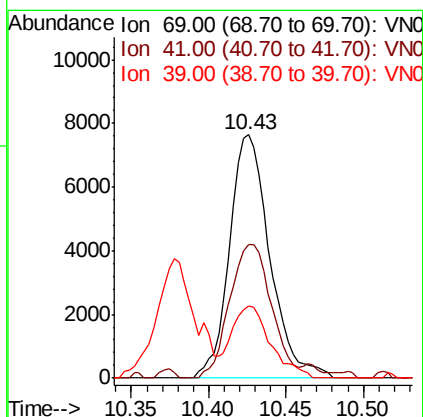
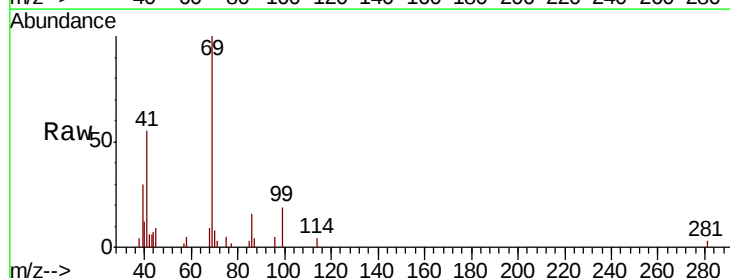
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

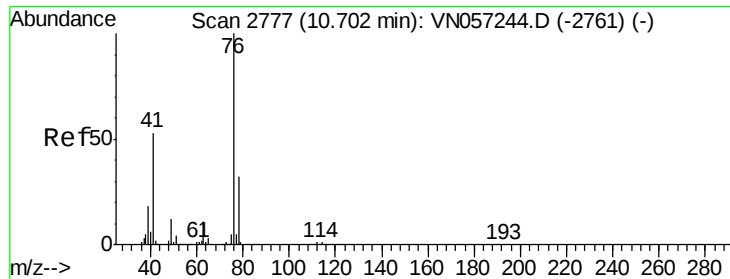
Tgt Ion:	97	Resp:	11249
Ion	Ratio	Lower	Upper
97	100		
83	68.7	68.4	102.6
85	51.3	43.0	64.6
99	55.1	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 0.846 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion:	69	Resp:	13796
Ion	Ratio	Lower	Upper
69	100		
41	57.0	47.6	71.4
39	28.7	23.4	35.0





#57

1,3-Dichloropropane

Concen: 0.975 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampled :

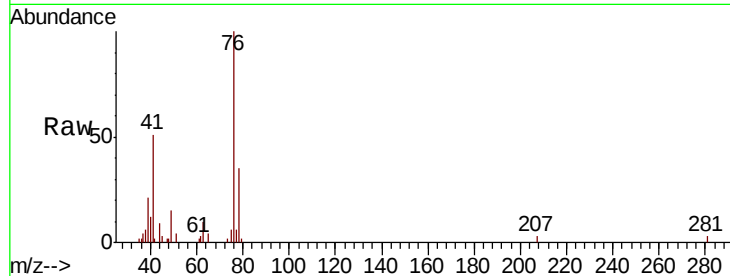
VSTDIC001

Tgt Ion: 76 Resp: 18250

Ion Ratio Lower Upper

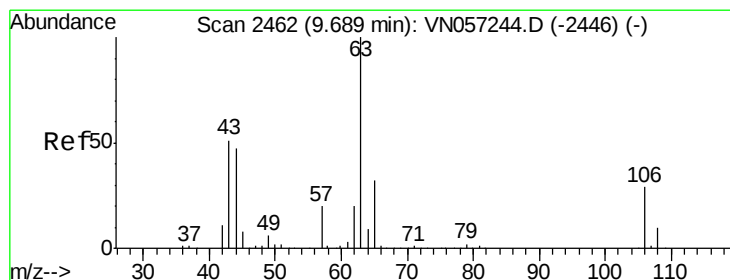
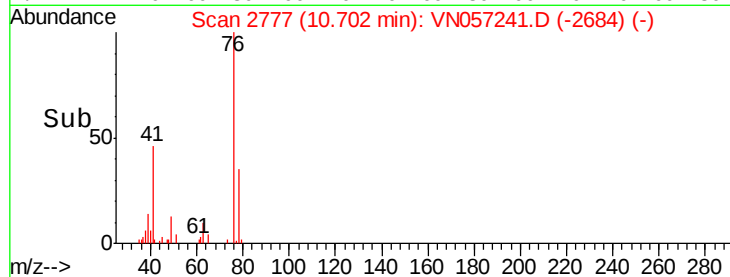
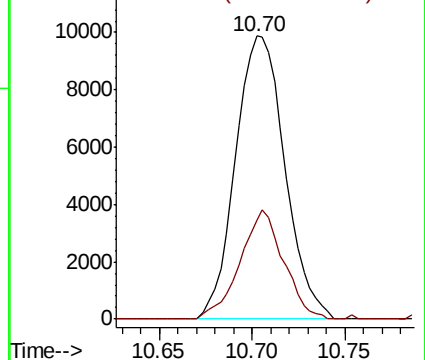
76 100

78 34.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 1.954 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VN057241.D

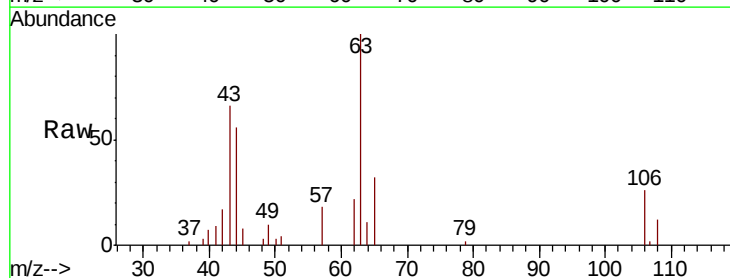
Acq: 13 Aug 2019 11:27

Tgt Ion: 63 Resp: 14132

Ion Ratio Lower Upper

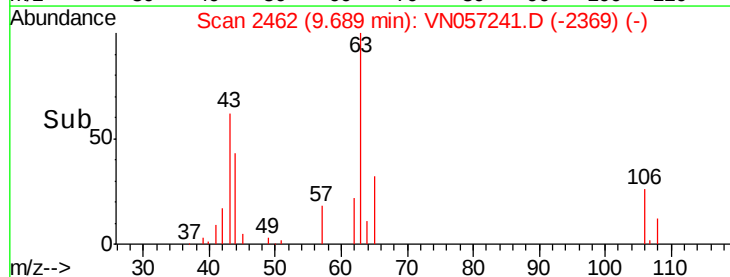
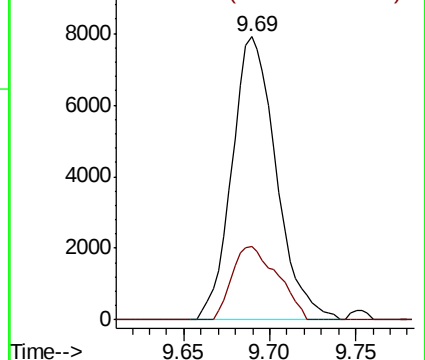
63 100

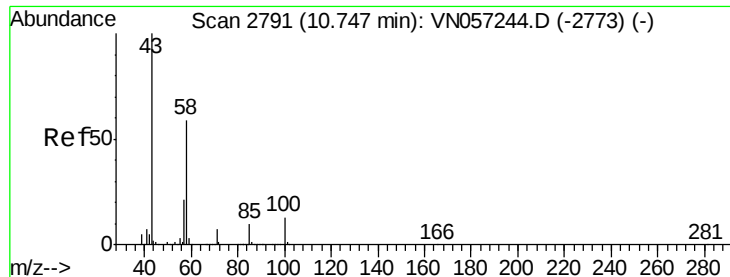
106 26.7 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

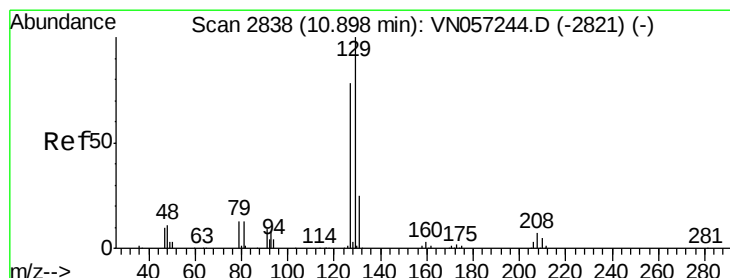
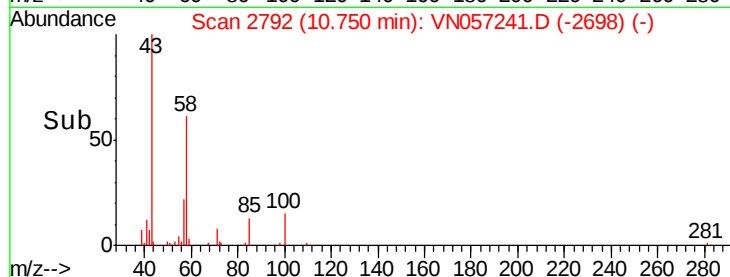
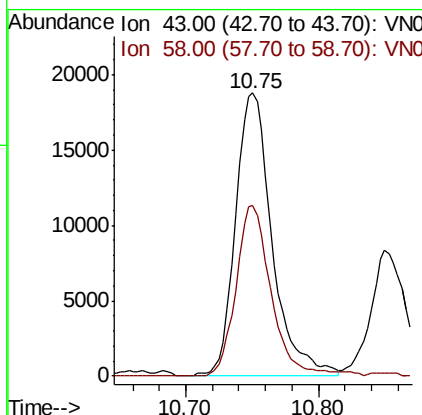
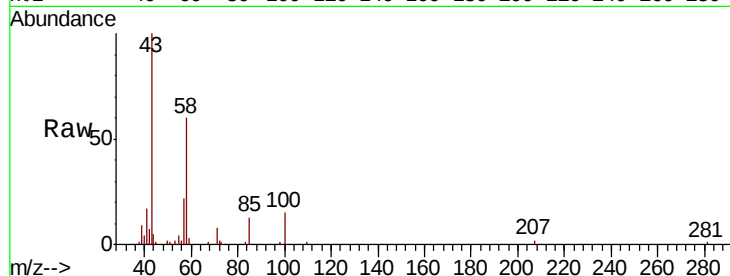




#59
2-Hexanone
Concen: 3.471 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

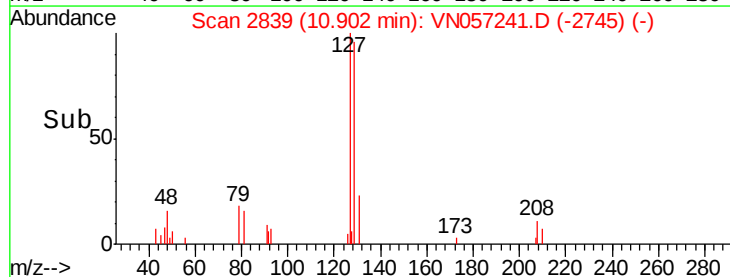
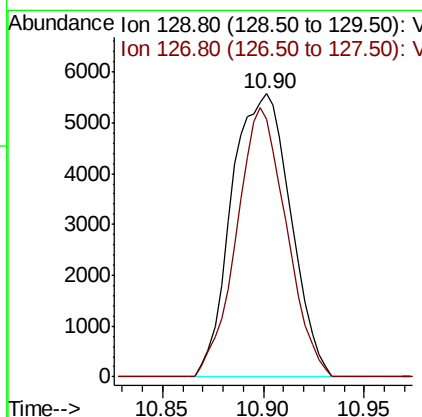
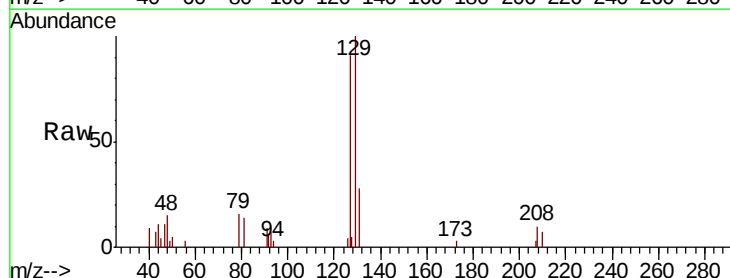
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

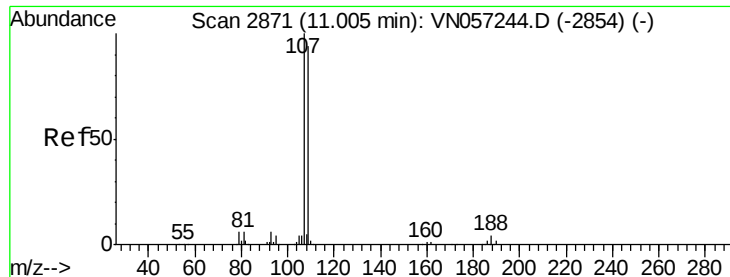
Tgt Ion: 43 Resp: 36088
Ion Ratio Lower Upper
43 100
58 58.1 29.1 87.4



#60
Dibromochloromethane
Concen: 0.994 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 129 Resp: 11372
Ion Ratio Lower Upper
129 100
127 80.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 0.946 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

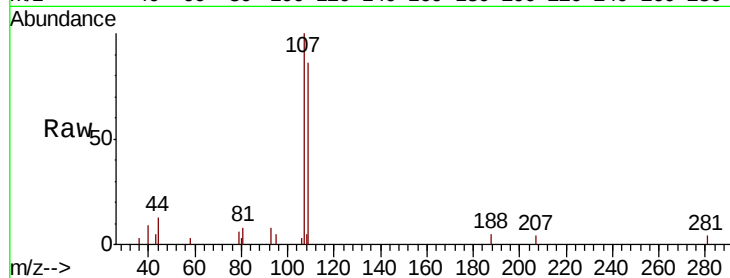
VSTDIC001

Tgt Ion: 107 Resp: 10817

Ion Ratio Lower Upper

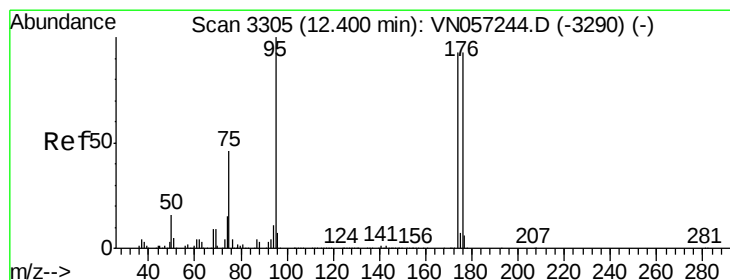
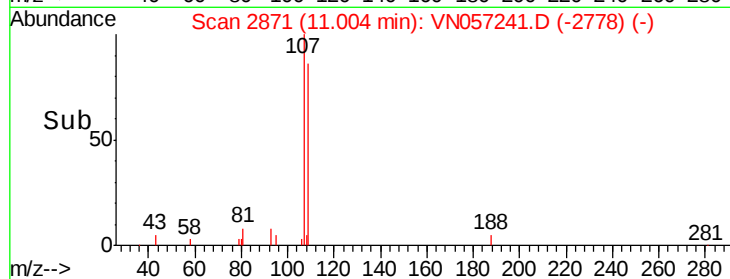
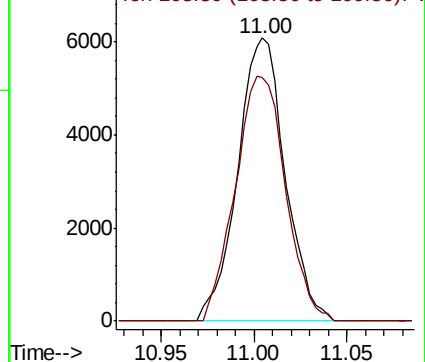
107 100

109 91.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.928 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

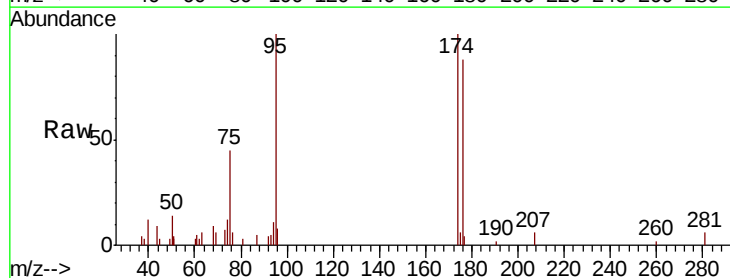
Tgt Ion: 95 Resp: 12375

Ion Ratio Lower Upper

95 100

174 98.0 0.0 187.6

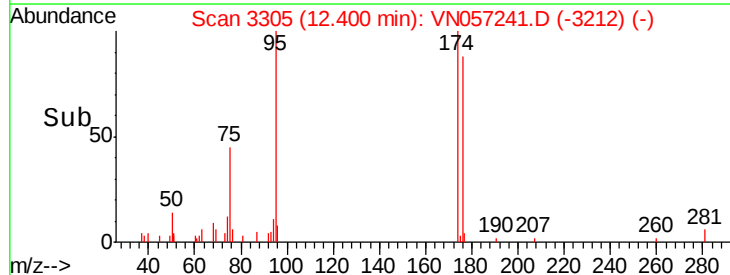
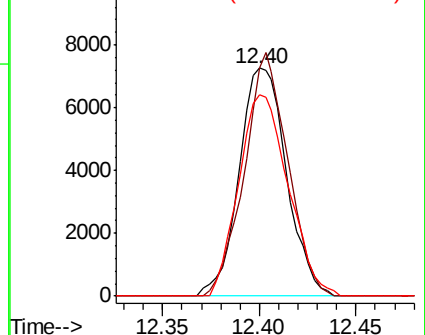
176 92.6 0.0 185.8

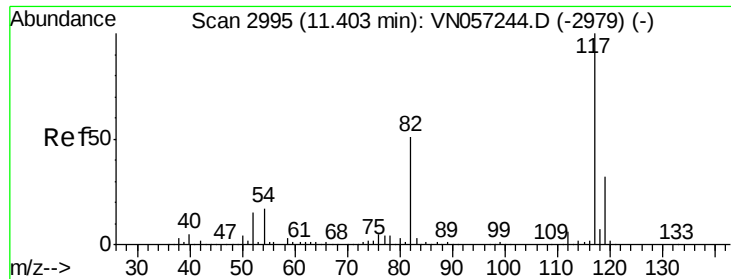


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

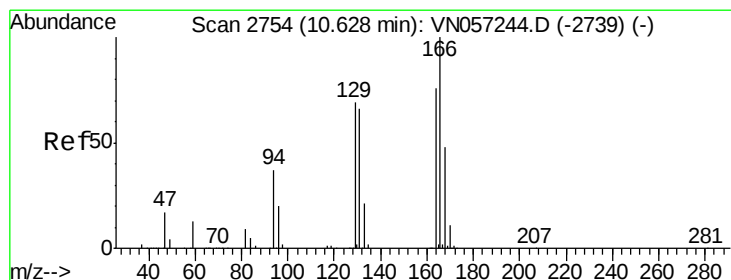
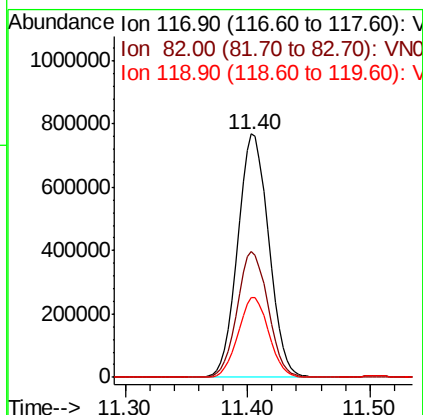
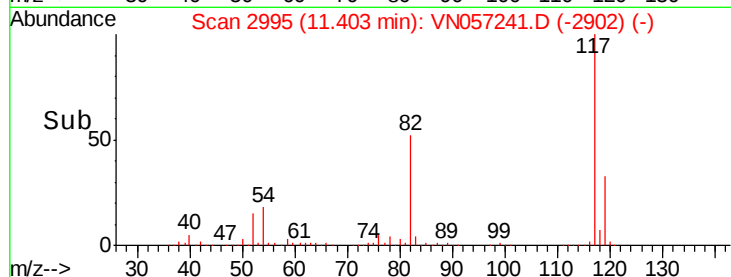
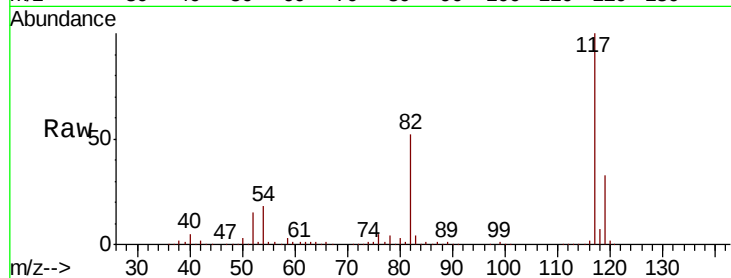




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

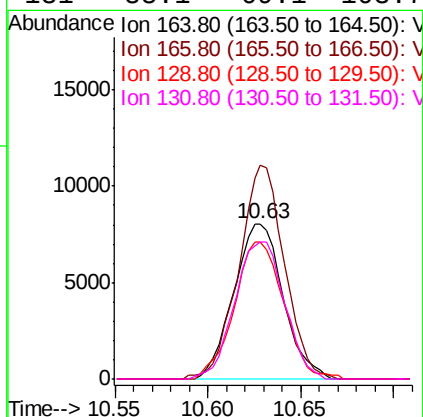
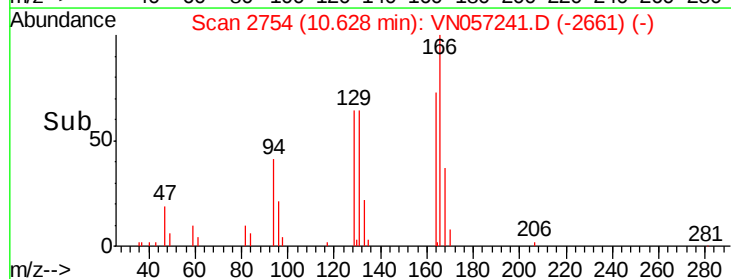
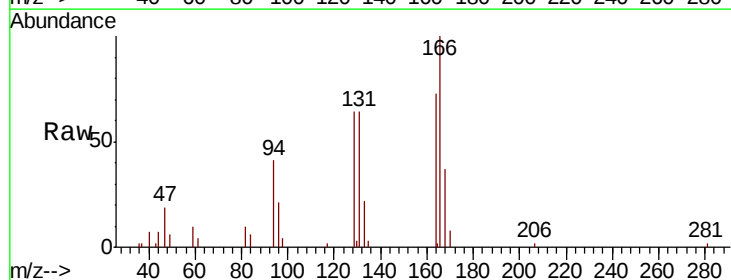
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

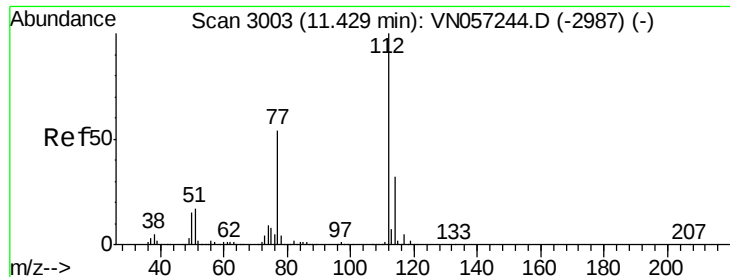
Tgt Ion:117 Resp: 1350189
Ion Ratio Lower Upper
117 100
82 51.7 40.9 61.3
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 1.271 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion:164 Resp: 14873
Ion Ratio Lower Upper
164 100
166 137.4 104.9 157.3
129 87.8 71.9 107.9
131 88.1 69.1 103.7





#65

Chlorobenzene

Concen: 1.093 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

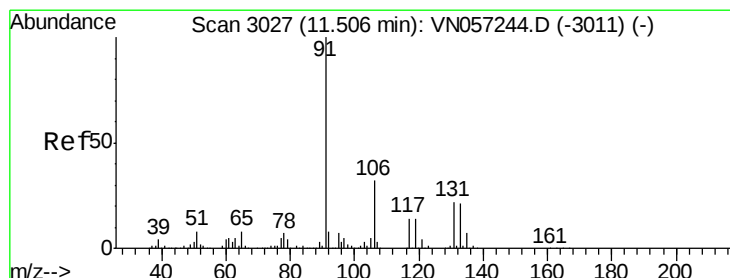
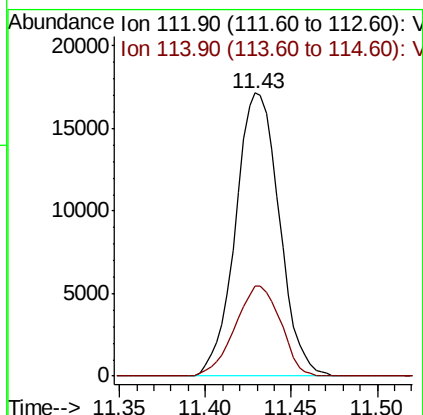
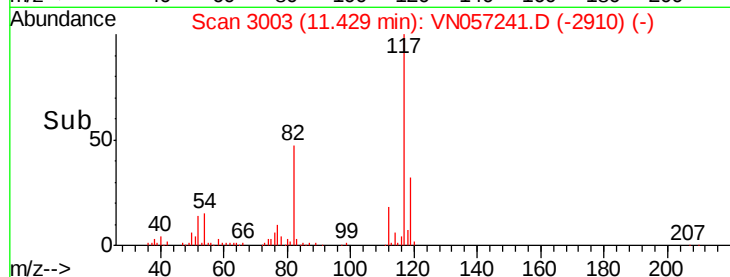
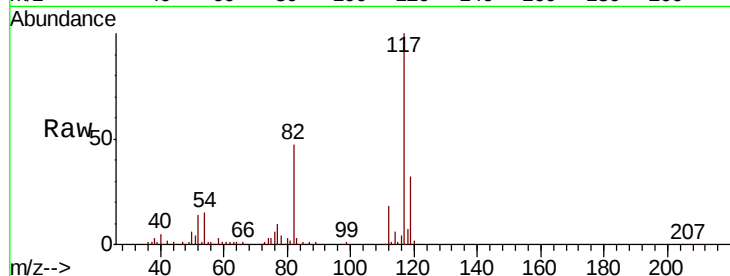
VSTDIC001

Tgt Ion:112 Resp: 30269

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 1.173 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

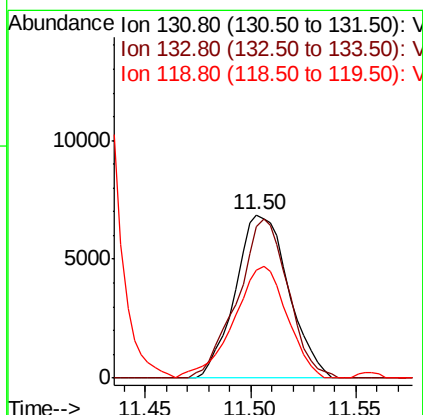
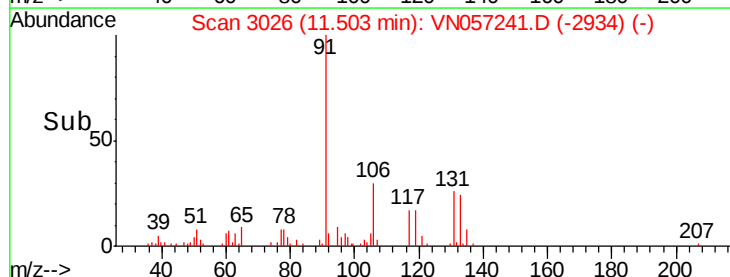
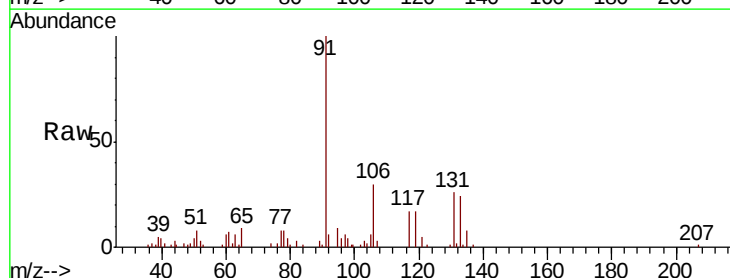
Tgt Ion:131 Resp: 12039

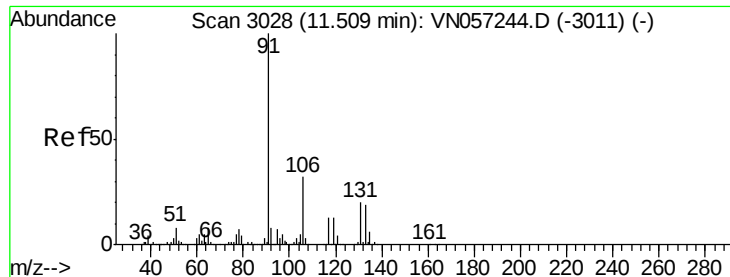
Ion Ratio Lower Upper

131 100

133 92.6 46.9 140.7

119 0.0 32.3 96.8#





#67

Ethyl Benzene

Concen: 1.016 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

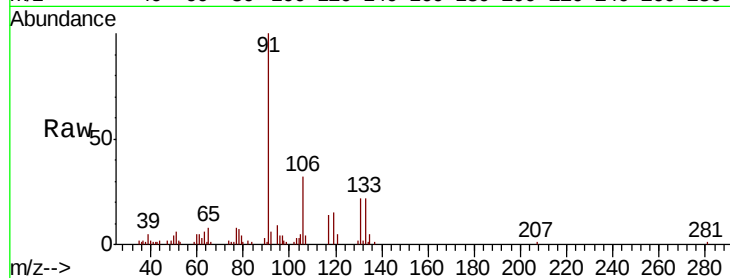
VSTDIC001

Tgt Ion: 91 Resp: 49205

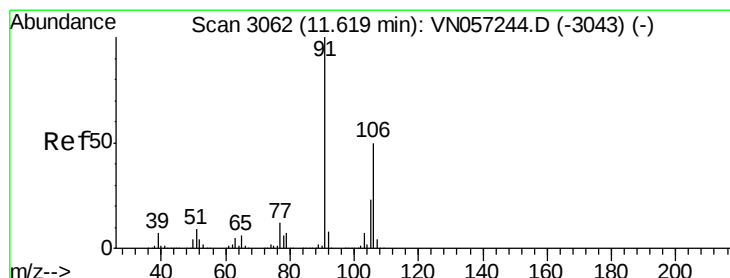
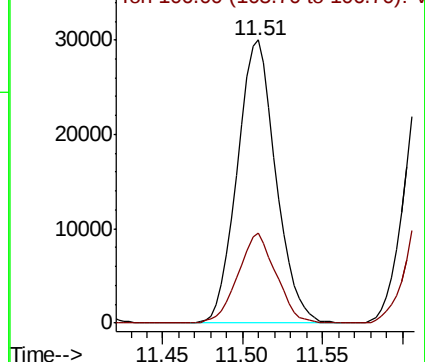
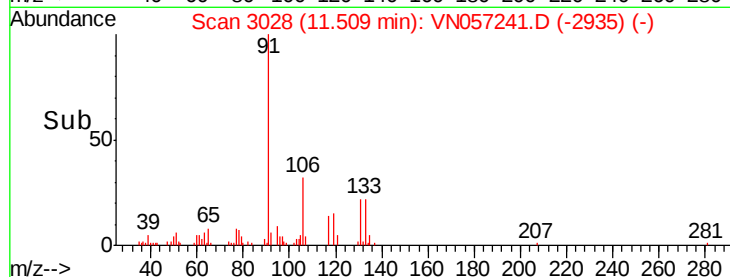
Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VN057241.D (-2935) (-)



#68

m/p-Xylenes

Concen: 1.933 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN057241.D

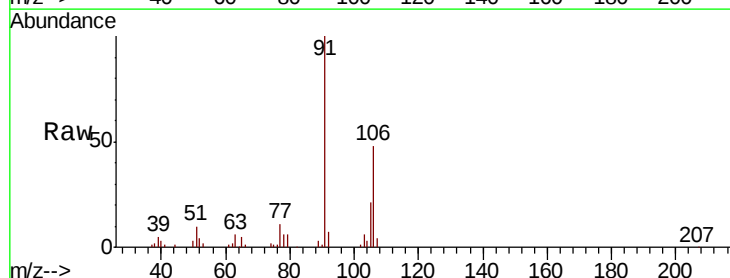
Acq: 13 Aug 2019 11:27

Tgt Ion: 106 Resp: 34978

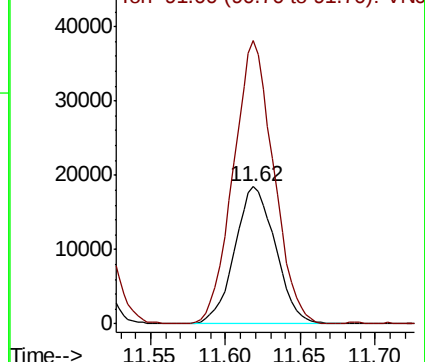
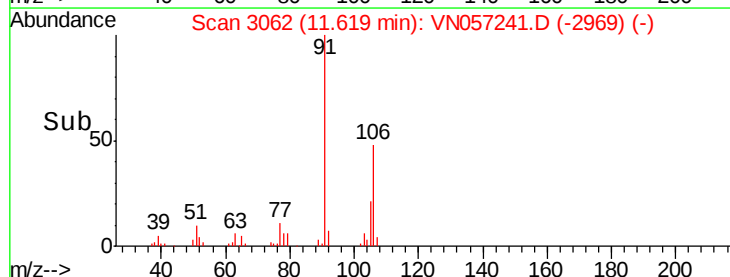
Ion Ratio Lower Upper

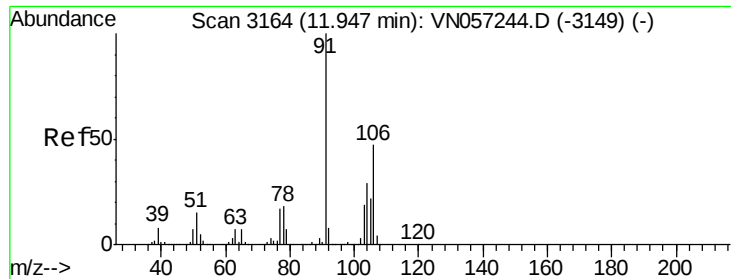
106 100

91 203.9 161.4 242.0



Abundance Ion 106.00 (105.70 to 106.70): VN057241.D (-2969) (-)

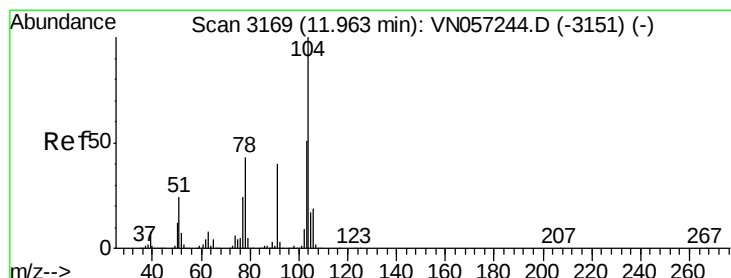
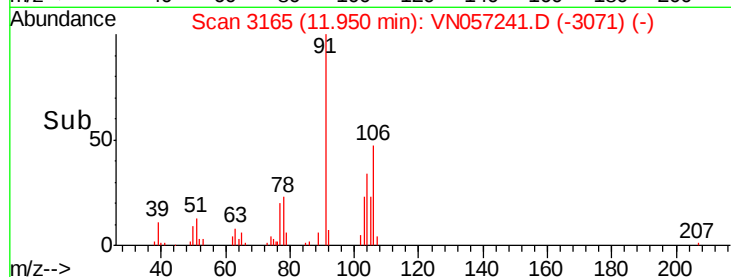
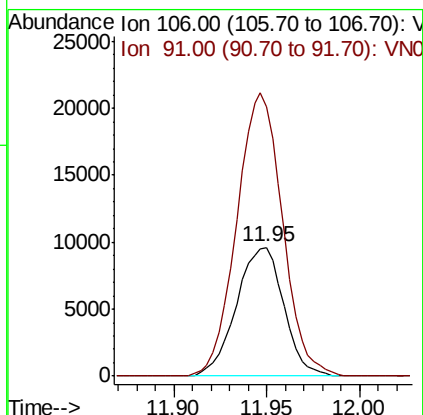
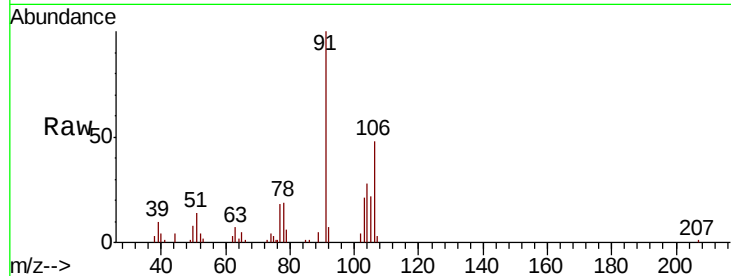




#69
o-Xylene
Concen: 0.959 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

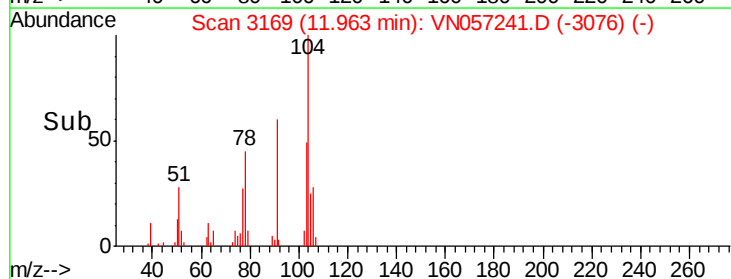
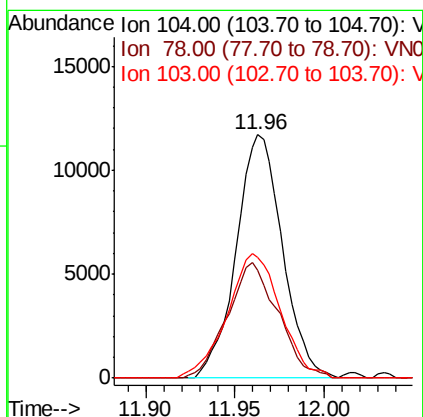
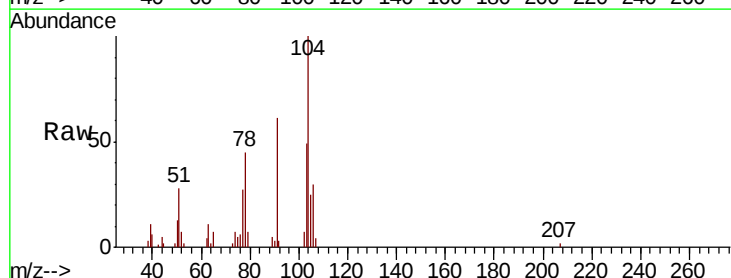
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

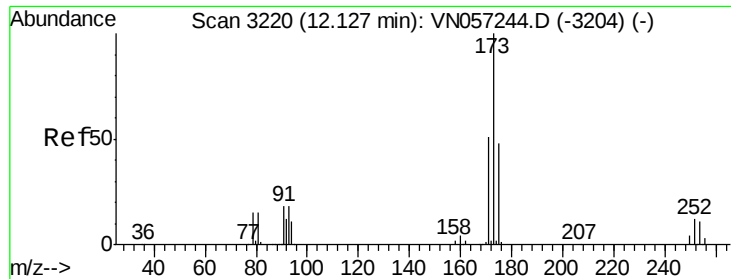
Tgt Ion:106 Resp: 17045
Ion Ratio Lower Upper
106 100
91 212.9 106.5 319.4



#70
Styrene
Concen: 0.739 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion:104 Resp: 21183
Ion Ratio Lower Upper
104 100
78 52.1 38.6 57.8
103 58.7 43.9 65.9





#71

Bromoform

Concen: 1.000 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

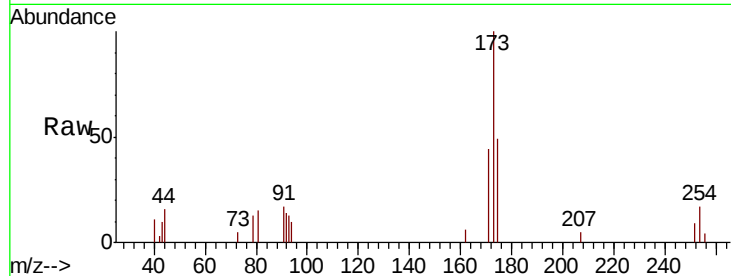
Tgt Ion:173 Resp: 7799

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.2

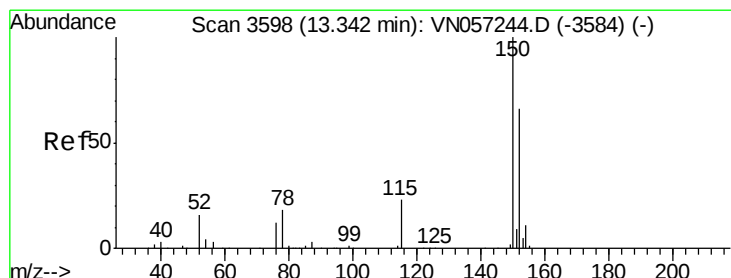
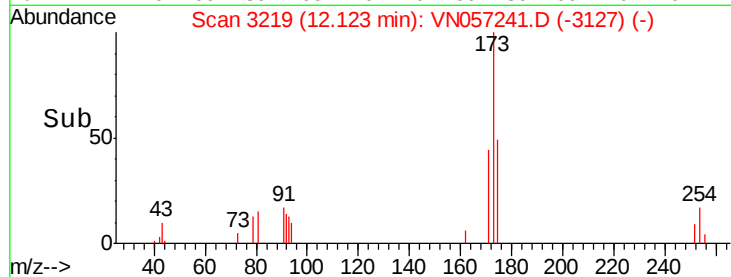
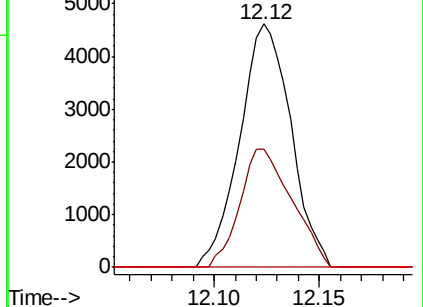
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

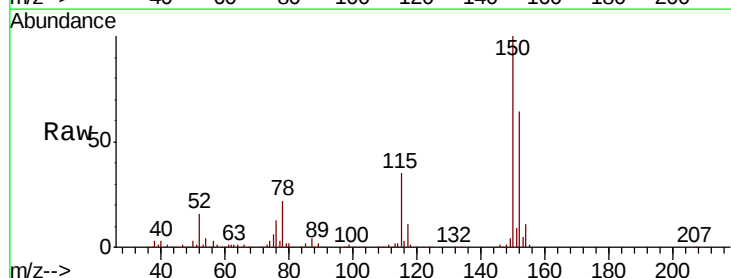
Tgt Ion:152 Resp: 334541

Ion Ratio Lower Upper

152 100

115 57.0 27.6 82.8

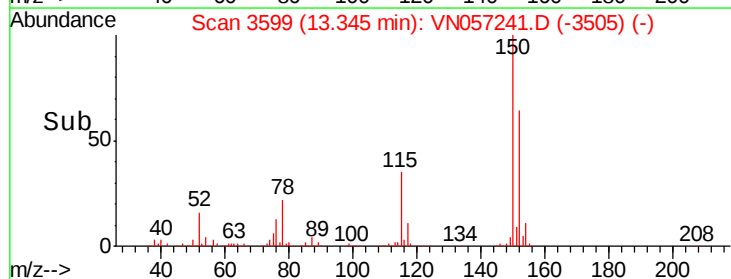
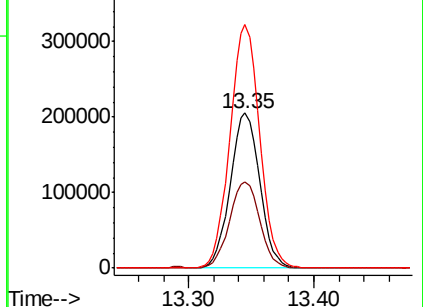
150 157.5 0.0 348.4

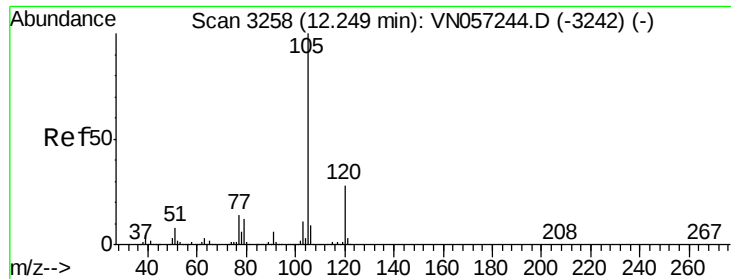


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.553 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

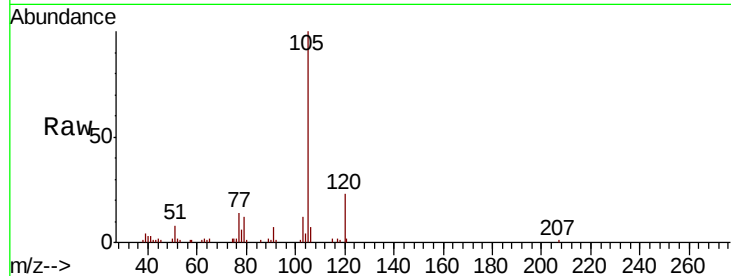
VSTDIC001

Tgt Ion: 105 Resp: 42683

Ion Ratio Lower Upper

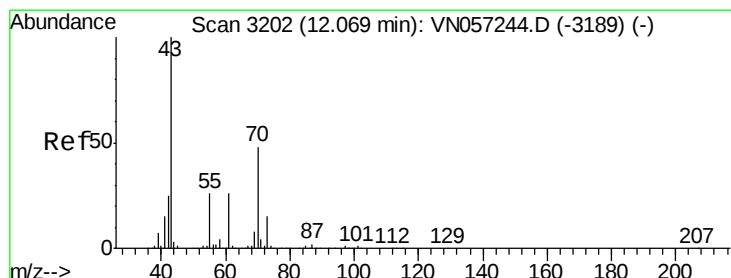
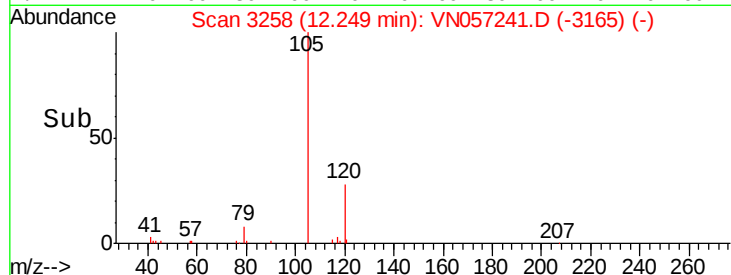
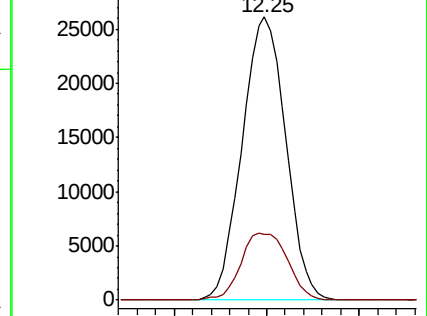
105 100

120 25.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.196 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Tgt Ion: 43 Resp: 11692

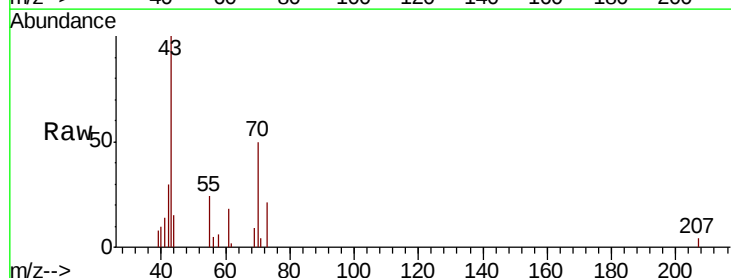
Ion Ratio Lower Upper

43 100

70 42.7 37.4 56.2

55 25.1 21.0 31.4

61 22.0 20.9 31.3

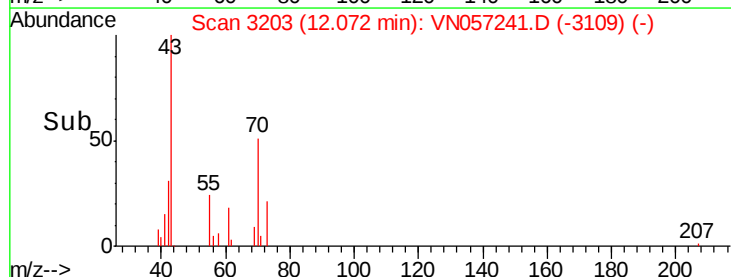
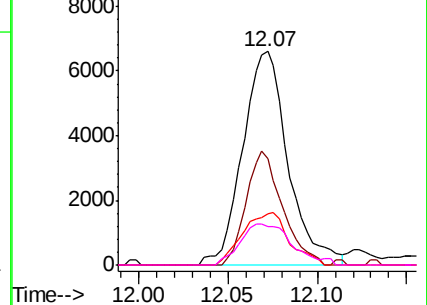


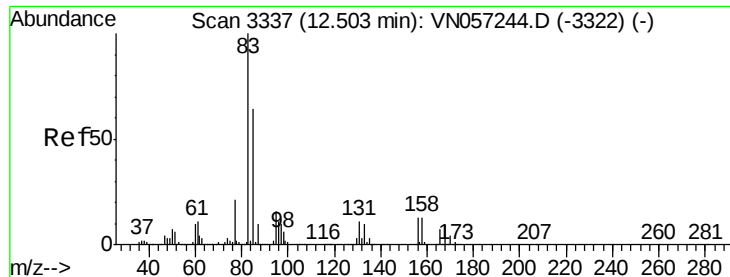
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.421 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

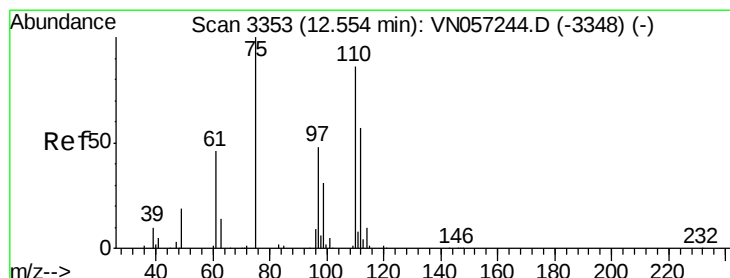
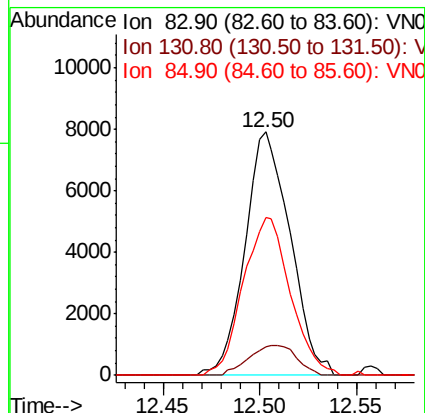
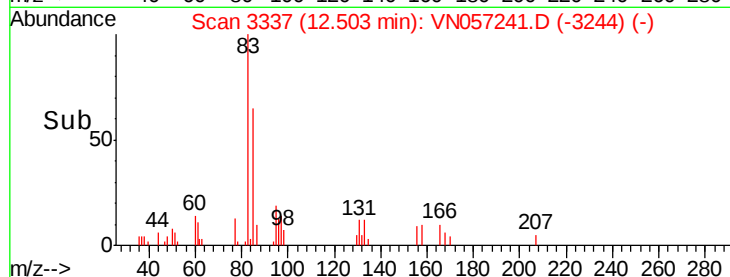
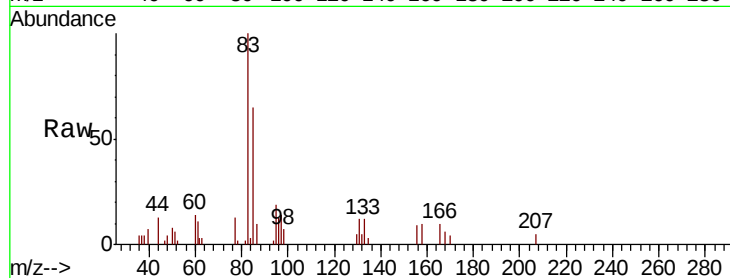
Tgt Ion: 83 Resp: 12844

Ion Ratio Lower Upper

83 100

131 13.0 5.6 16.8

85 67.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 1.985 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN057241.D

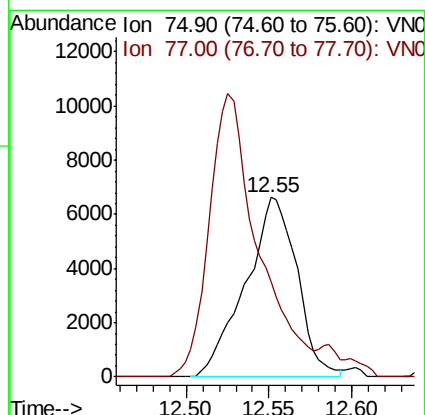
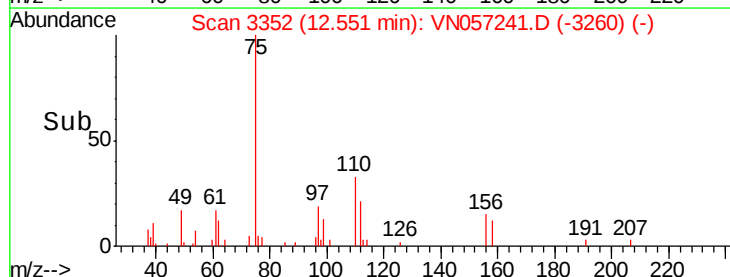
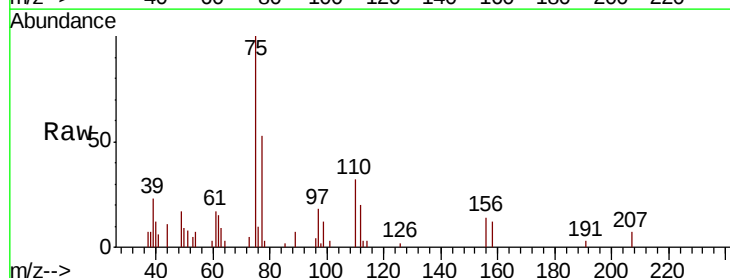
Acq: 13 Aug 2019 11:27

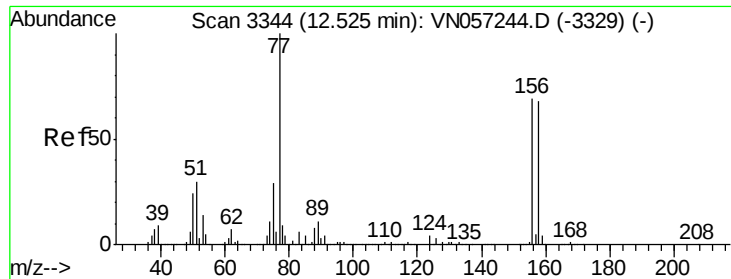
Tgt Ion: 75 Resp: 14297

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 1.754 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

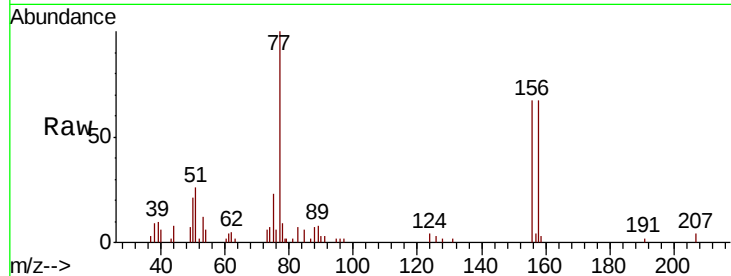
Tgt Ion:156 Resp: 12626

Ion Ratio Lower Upper

156 100

77 169.8 88.0 264.1

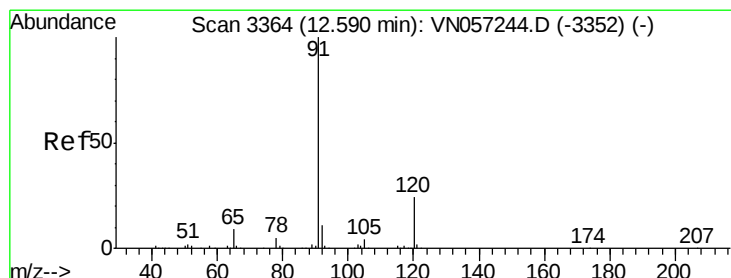
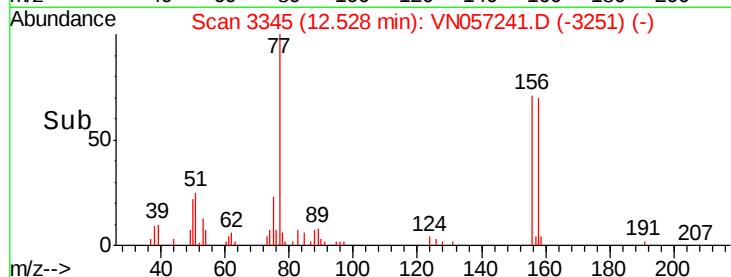
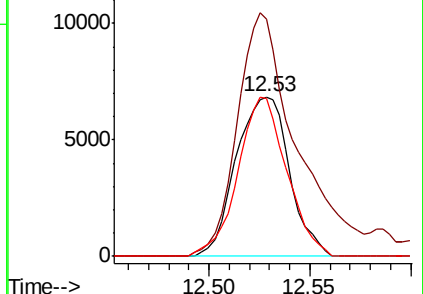
158 91.6 49.4 148.0



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: 1.327 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057241.D

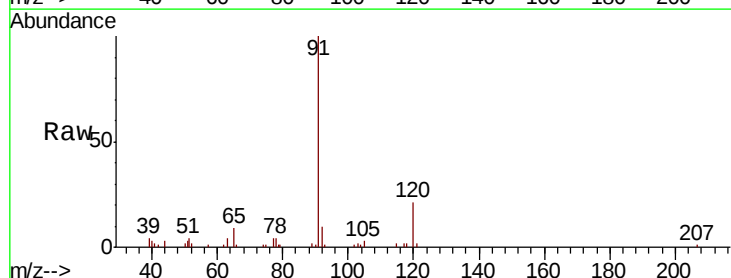
Acq: 13 Aug 2019 11:27

Tgt Ion: 91 Resp: 40034

Ion Ratio Lower Upper

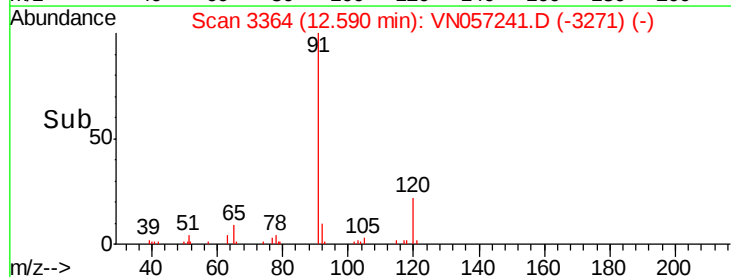
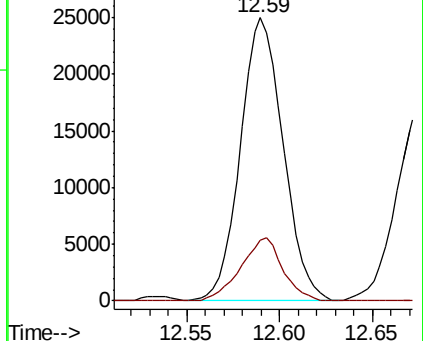
91 100

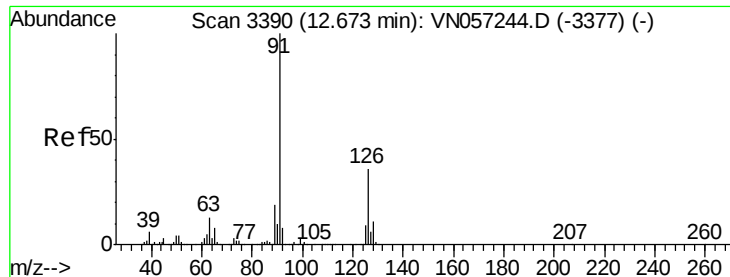
120 21.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.490 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

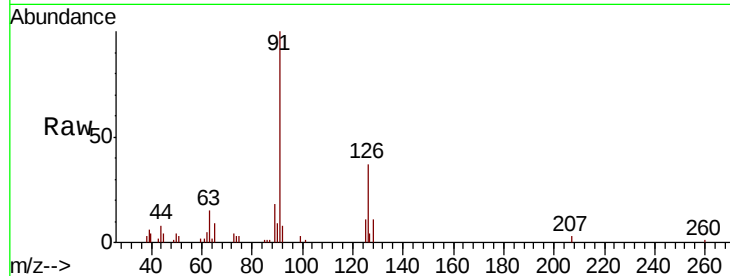
VSTDIC001

Tgt Ion: 91 Resp: 27970

Ion Ratio Lower Upper

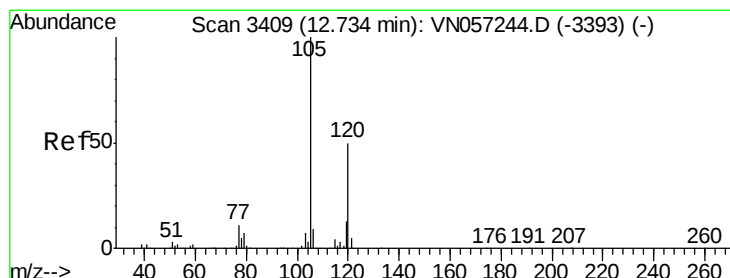
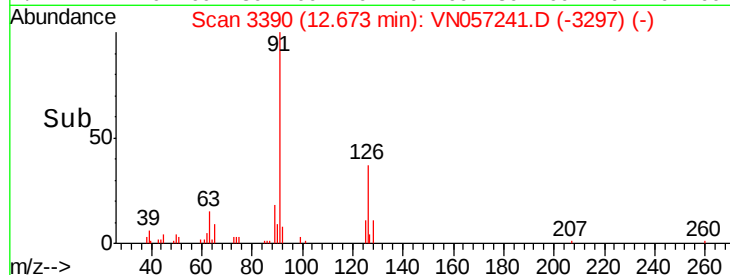
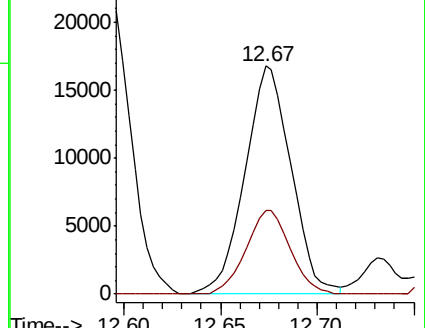
91 100

126 35.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN057241.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN057241.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.382 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN057241.D

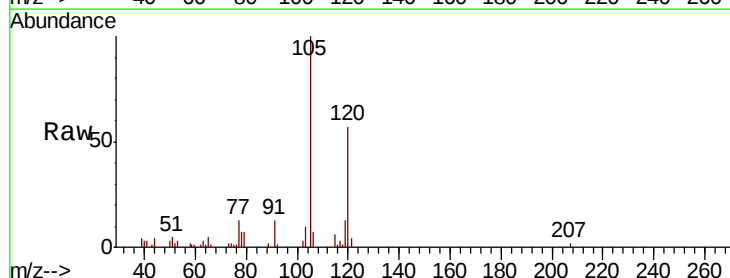
Acq: 13 Aug 2019 11:27

Tgt Ion: 105 Resp: 32075

Ion Ratio Lower Upper

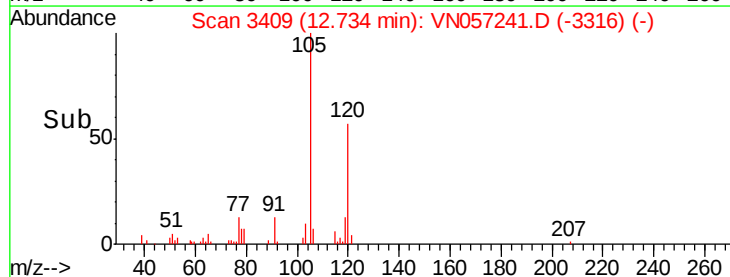
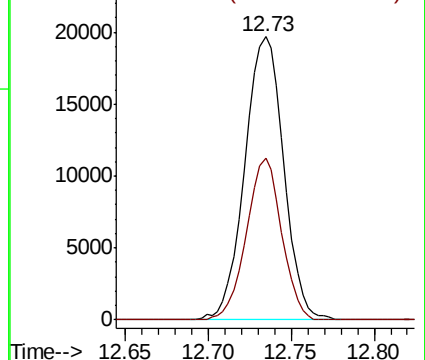
105 100

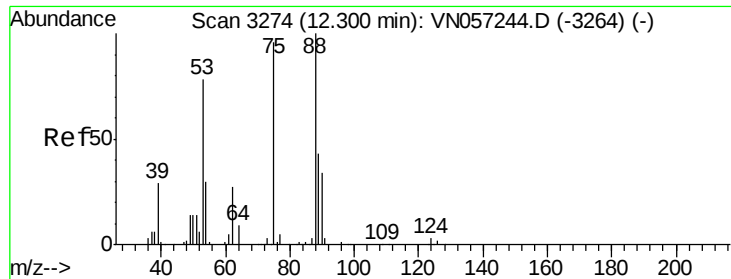
120 51.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VN057241.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN057241.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 1.278 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

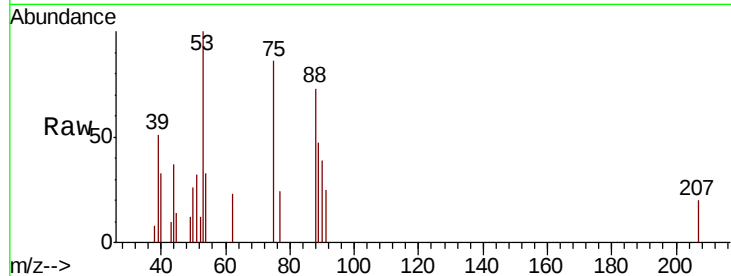
Tgt Ion: 75 Resp: 3050

Ion Ratio Lower Upper

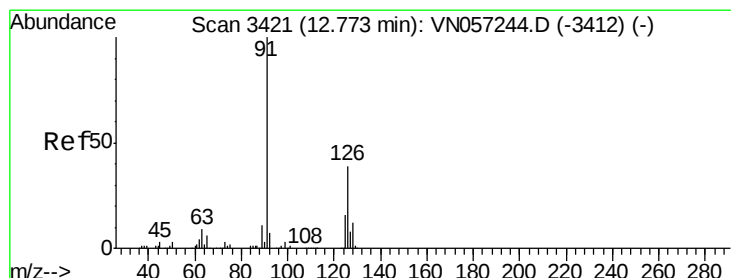
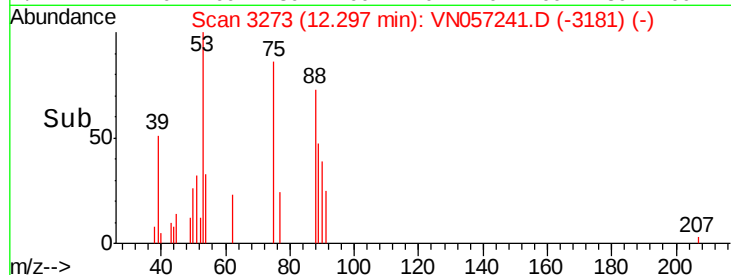
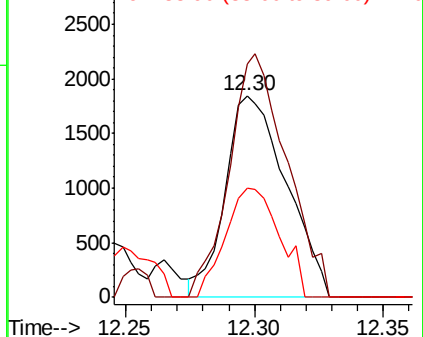
75 100

53 113.8 65.8 98.6#

89 47.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 1.277 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057241.D

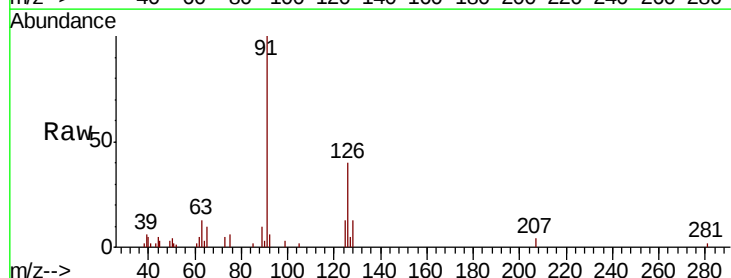
Acq: 13 Aug 2019 11:27

Tgt Ion: 91 Resp: 22563

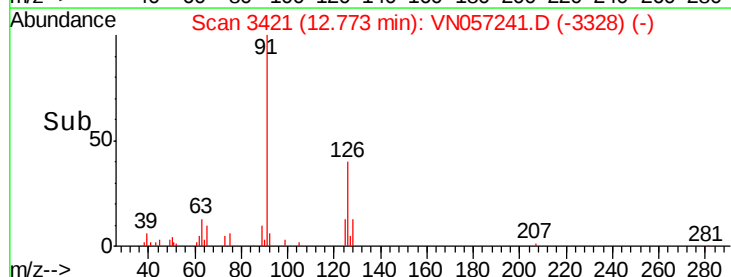
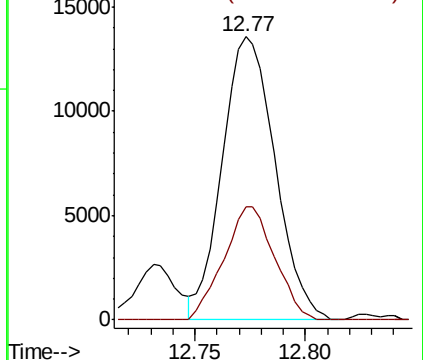
Ion Ratio Lower Upper

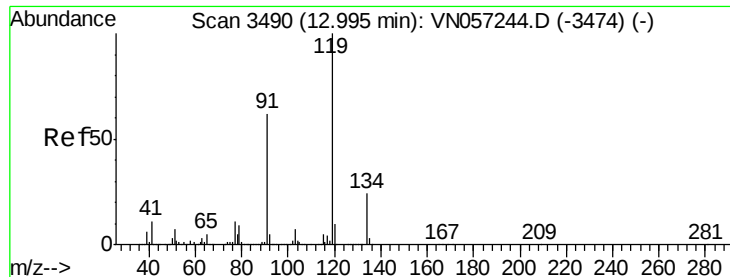
91 100

126 38.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

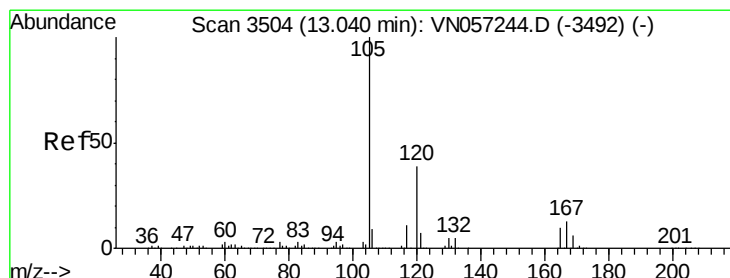
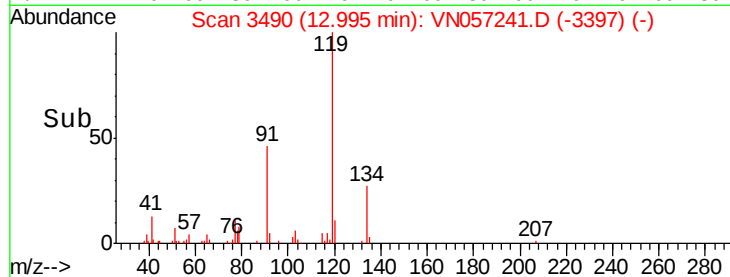
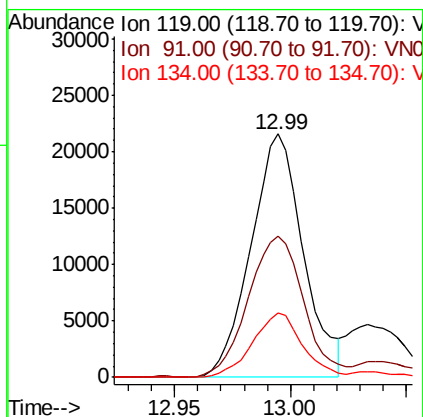
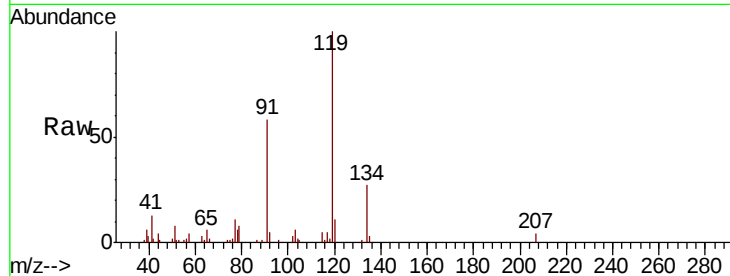




#83
 tert-Butylbenzene
 Concen: 1.658 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

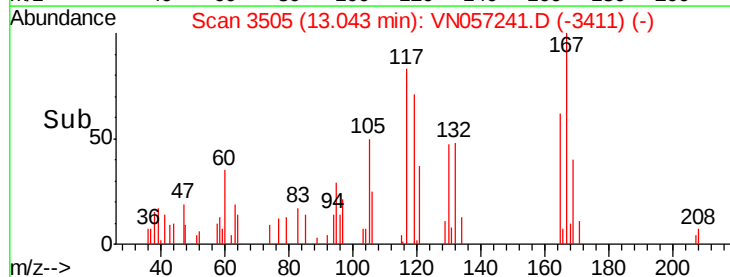
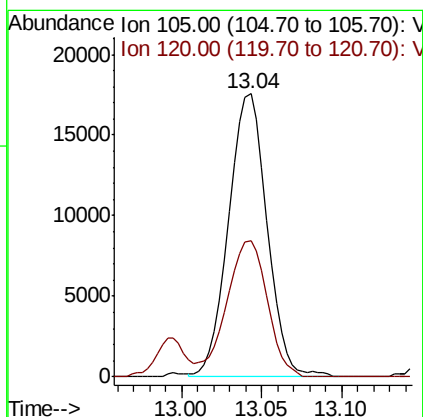
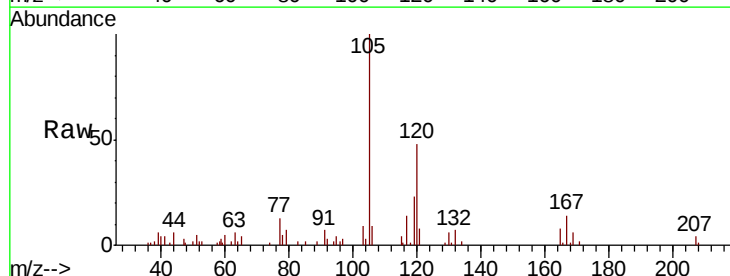
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

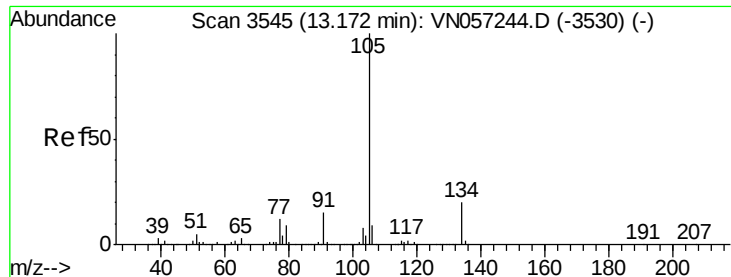
Tgt Ion:	119	Resp:	33823
Ion	Ratio	Lower	Upper
119	100		
91	61.8	30.8	92.3
134	25.2	12.9	38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 1.278 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion:	105	Resp:	28743
Ion	Ratio	Lower	Upper
105	100		
120	50.5	23.2	69.5

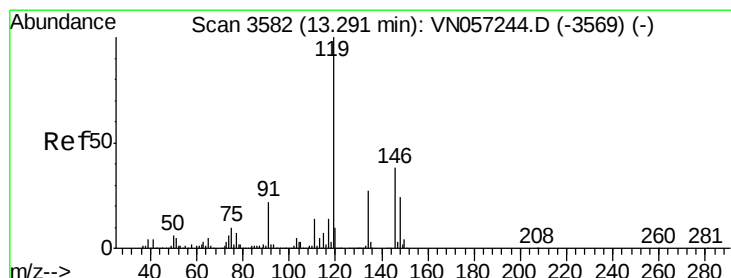
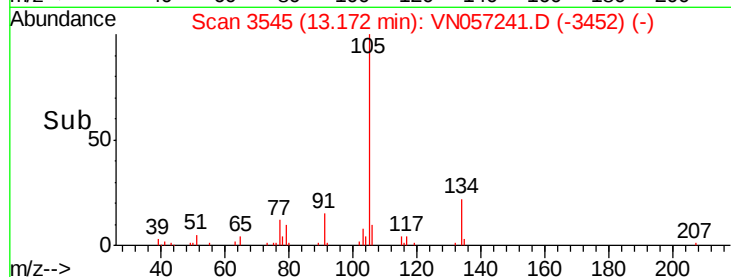
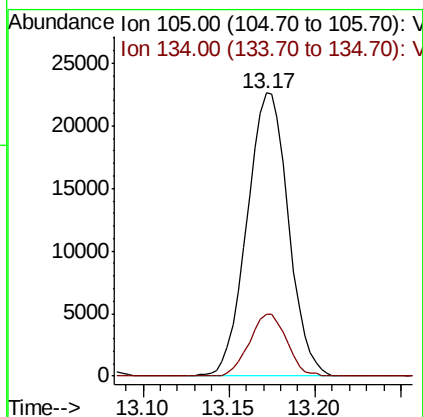
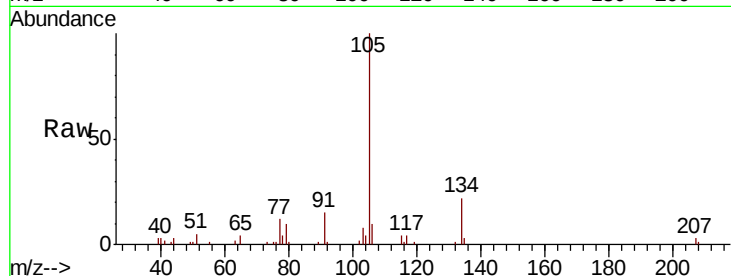




#85
 sec-Butylbenzene
 Concen: 1.465 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

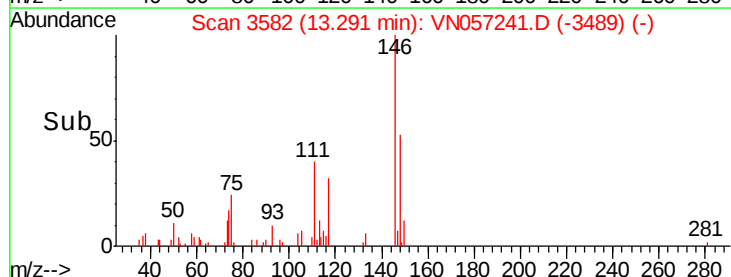
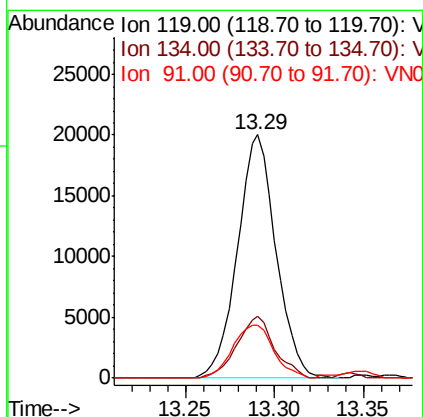
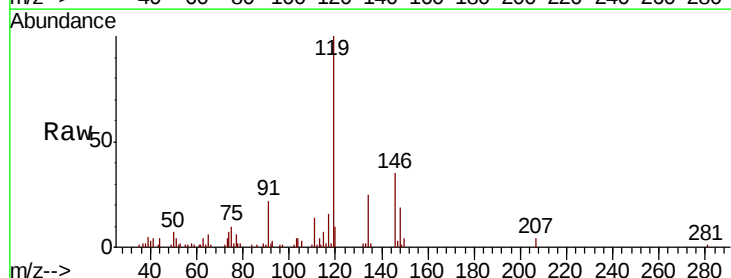
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

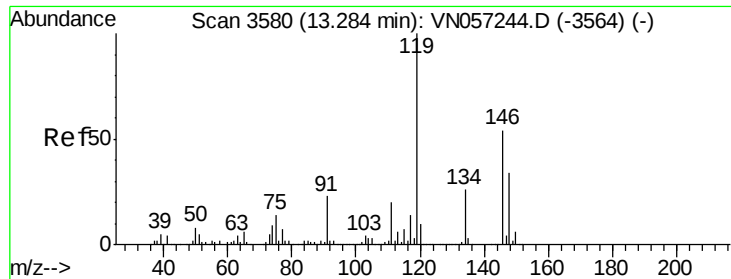
Tgt Ion:105 Resp: 37724
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 1.299 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion:119 Resp: 30131
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.5 40.5
 91 23.3 11.1 33.3

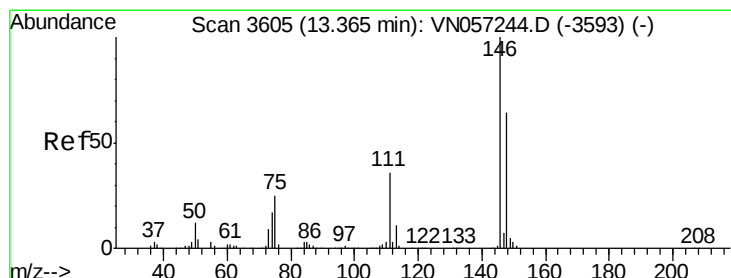
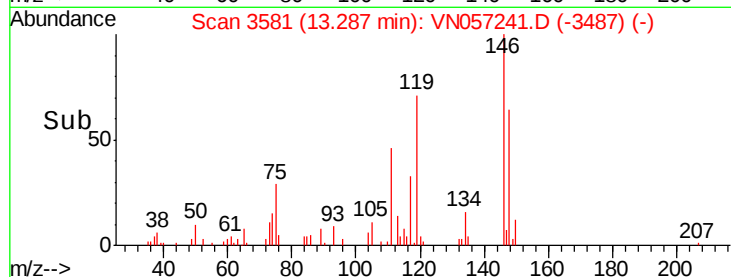
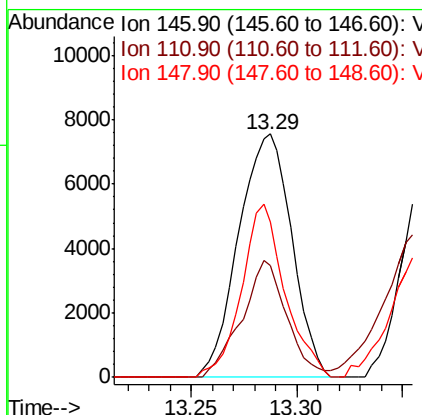
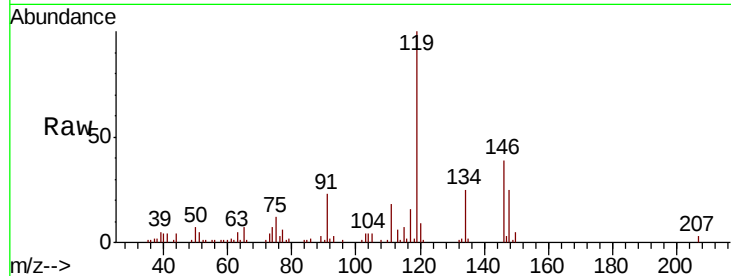




#87
 1,3-Dichlorobenzene
 Concen: 1.136 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

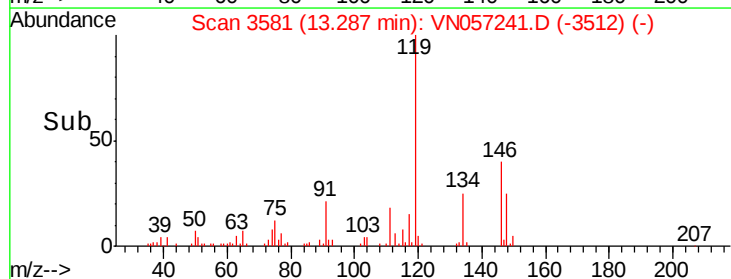
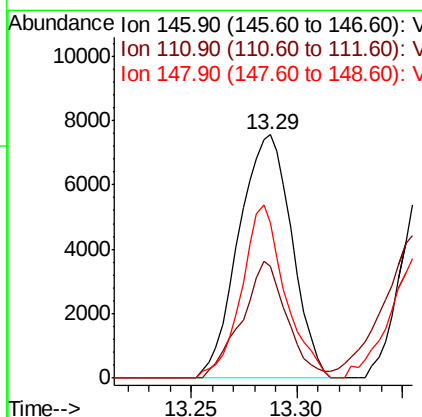
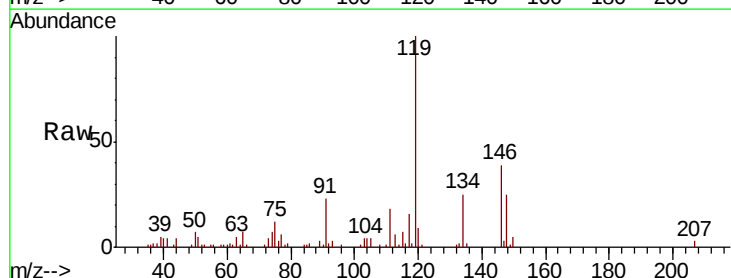
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

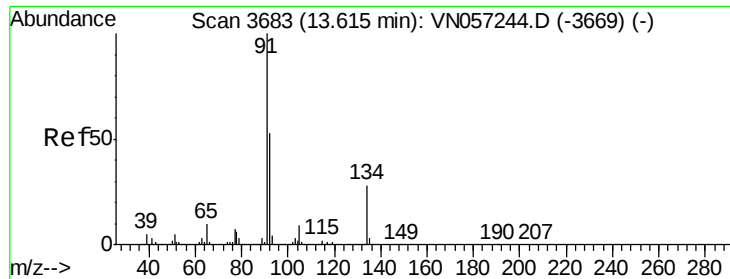
Tgt Ion:146 Resp: 13206
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.8 56.4
 148 58.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 1.175 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.08 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion:146 Resp: 13206
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.3 54.8
 148 58.3 32.0 96.0

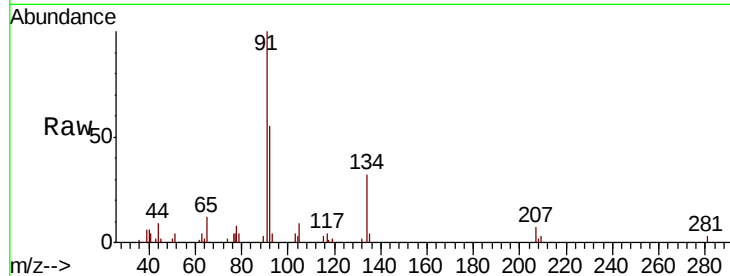




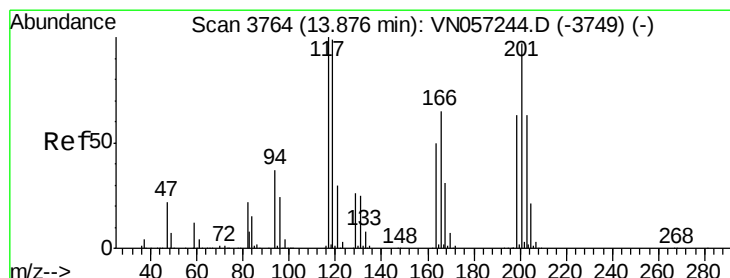
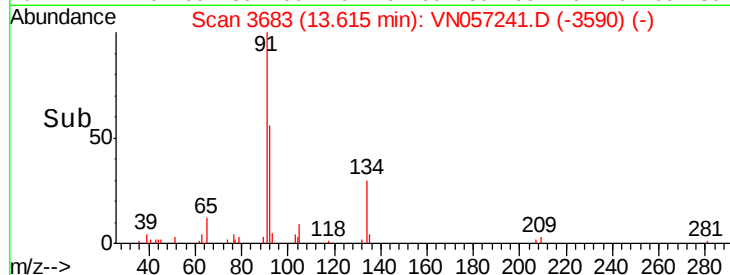
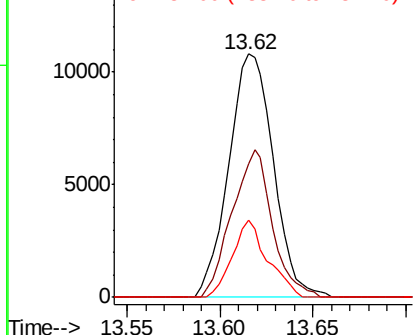
#89
n-Butylbenzene
Concen: 0.989 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 18042
Ion Ratio Lower Upper
91 100
92 54.6 26.3 78.9
134 25.0 14.1 42.3

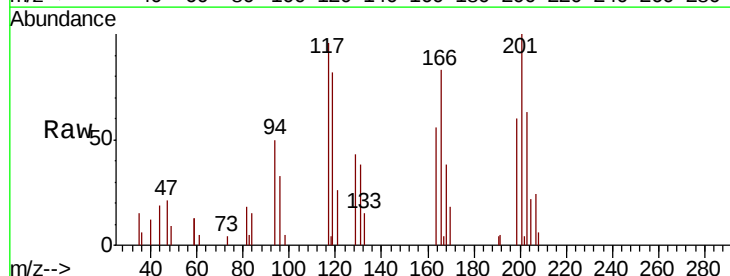


Abundance Ion 91.00 (90.70 to 91.70): VN057241.D (-3669) (-)
Ion 92.00 (91.70 to 92.70): VN057241.D (-3669) (-)
Ion 134.00 (133.70 to 134.70): VN057241.D (-3669) (-)

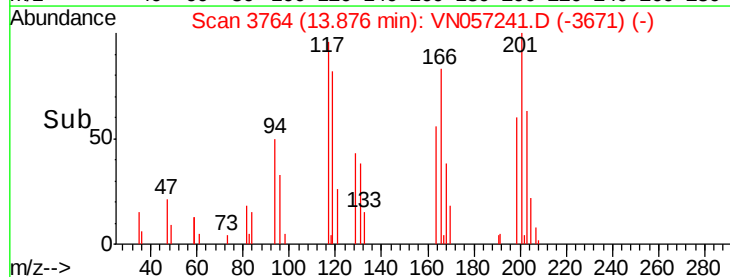
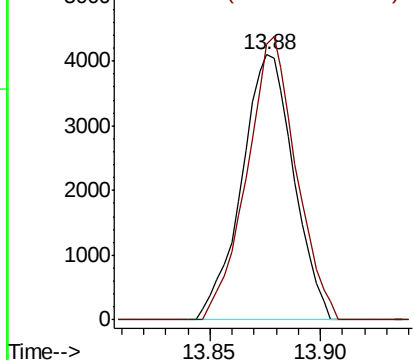


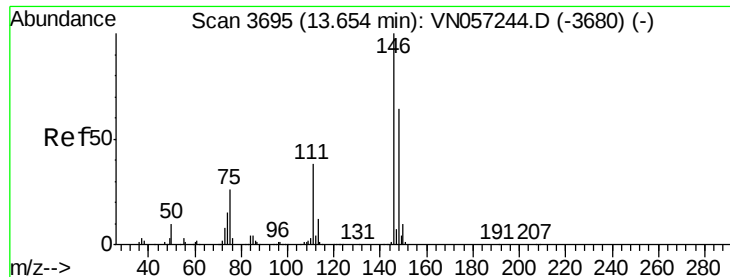
#90
Hexachloroethane
Concen: 1.744 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN057241.D
Acq: 13 Aug 2019 11:27

Tgt Ion: 117 Resp: 6717
Ion Ratio Lower Upper
117 100
201 101.3 49.5 148.5



Abundance Ion 116.80 (116.50 to 117.50): VN057241.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN057241.D (-3749) (-)

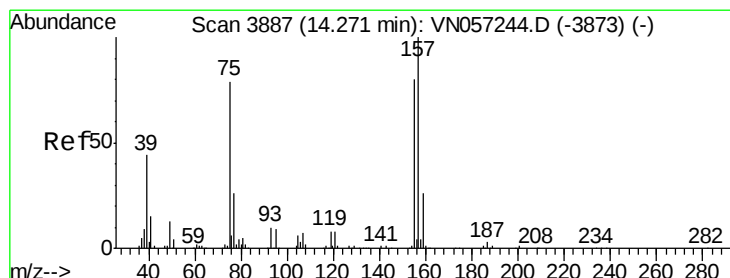
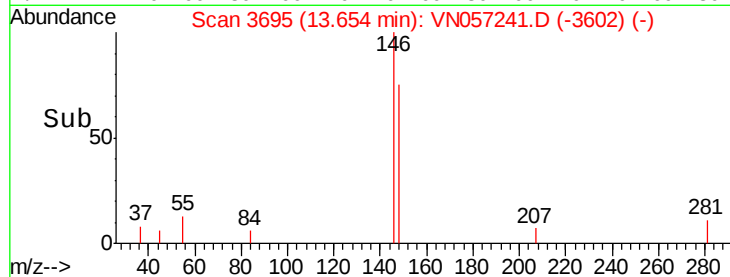
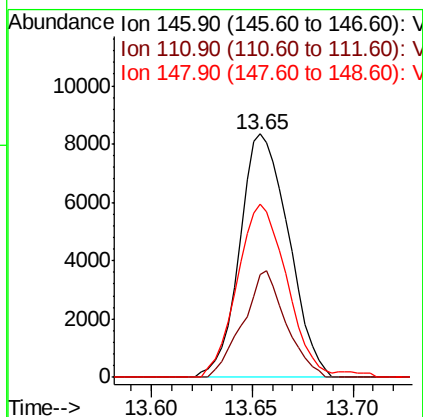
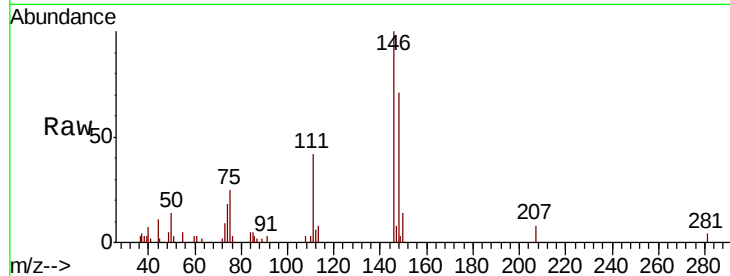




#91
 1,2-Dichlorobenzene
 Concen: 1.200 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

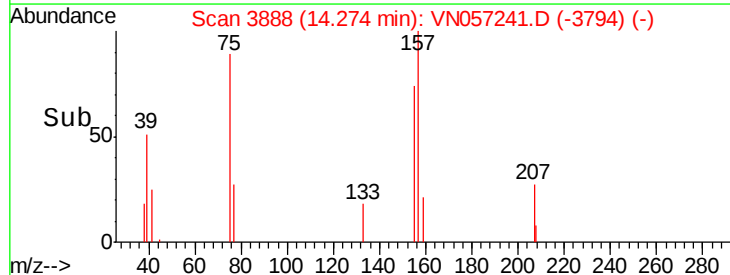
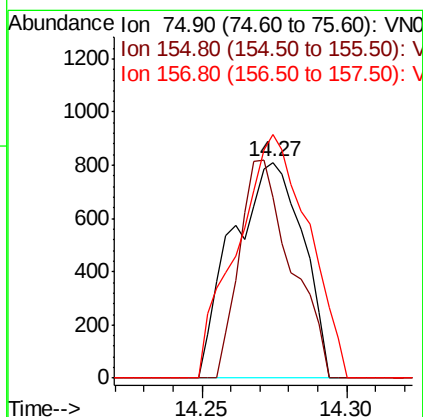
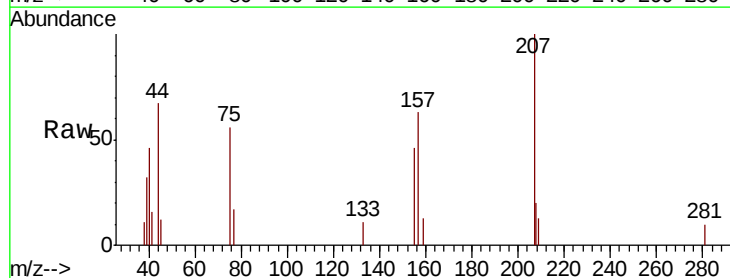
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

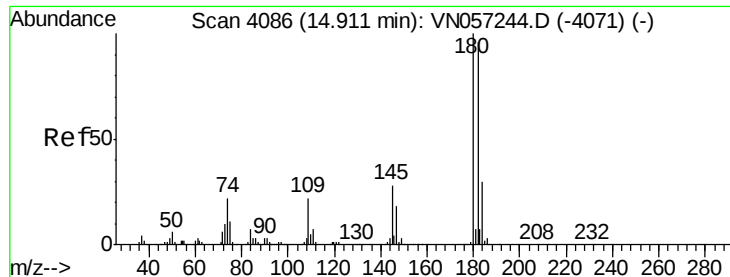
Tgt Ion:146 Resp: 14165
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 71.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.980 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion: 75 Resp: 1367
 Ion Ratio Lower Upper
 75 100
 155 74.3 50.3 151.0
 157 114.6 65.3 195.9

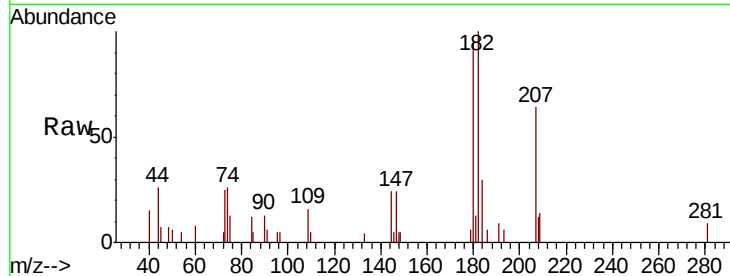




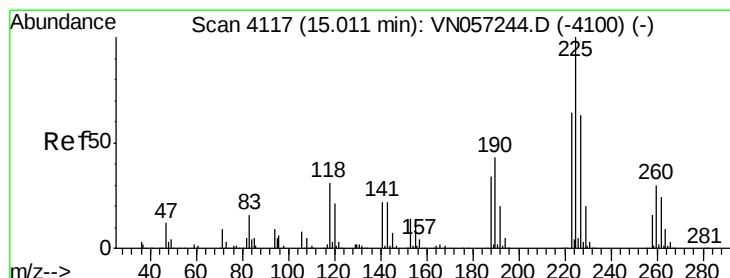
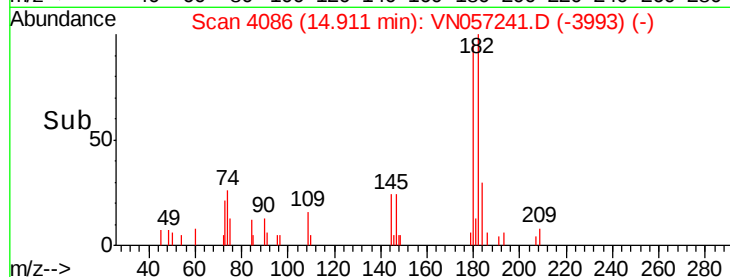
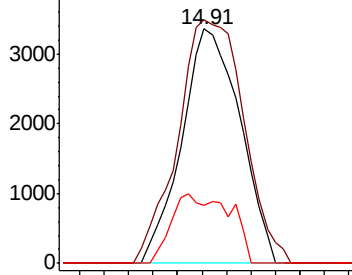
#93
 1,2,4-Trichlorobenzene
 Concen: 1.093 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 5577
 Ion Ratio Lower Upper
 180 100
 182 117.5 47.7 143.1
 145 29.7 14.2 42.6

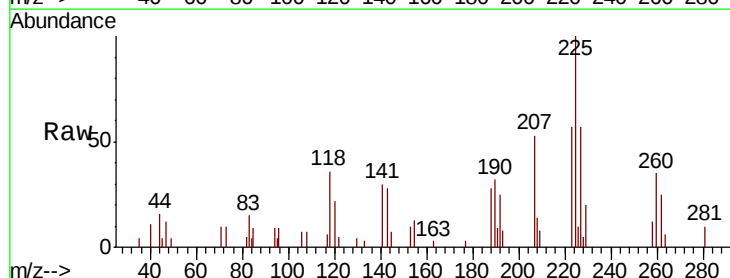


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

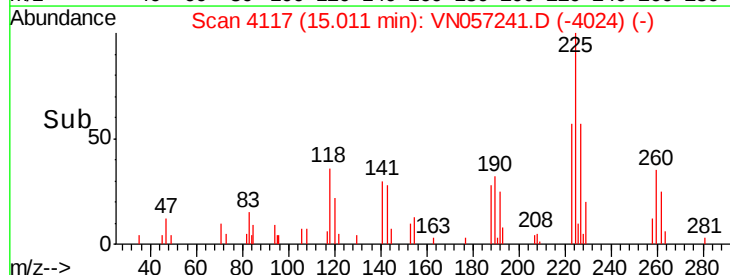
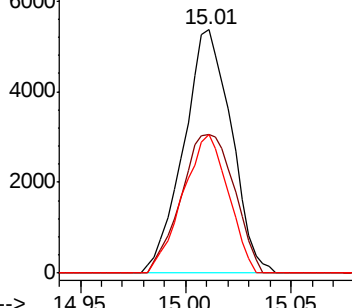


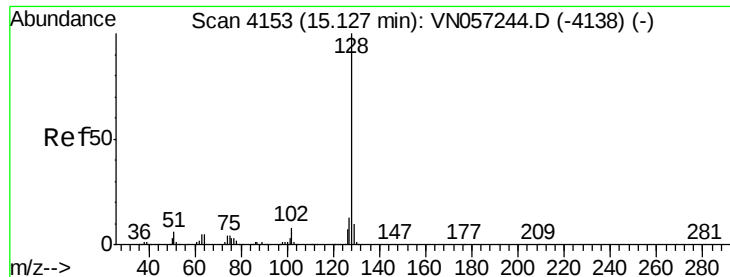
#94
 Hexachlorobutadiene
 Concen: 1.922 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057241.D
 Acq: 13 Aug 2019 11:27

Tgt Ion:225 Resp: 8425
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.4 94.2
 227 54.1 31.4 94.3



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





#95

Naphthalene

Concen: 0.795 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

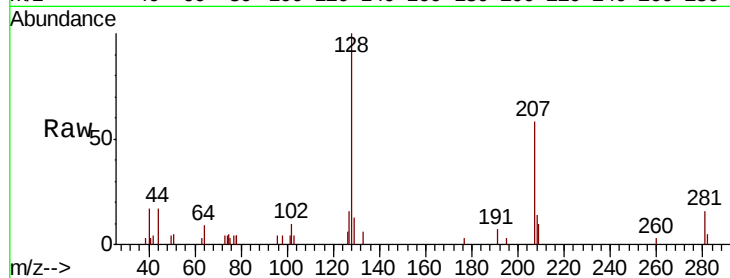
Tgt Ion:128 Resp: 10418

Ion Ratio Lower Upper

128 100

127 14.7 10.4 15.6

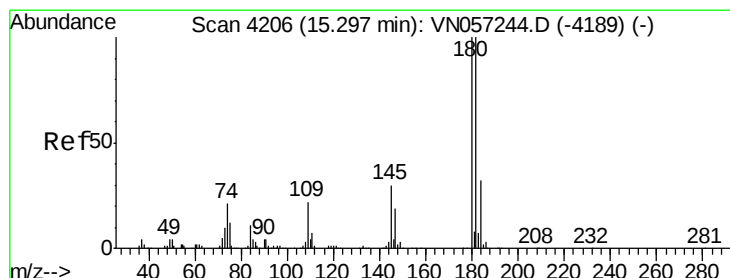
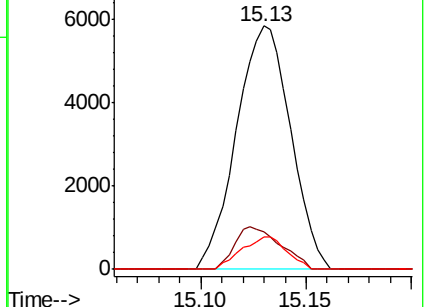
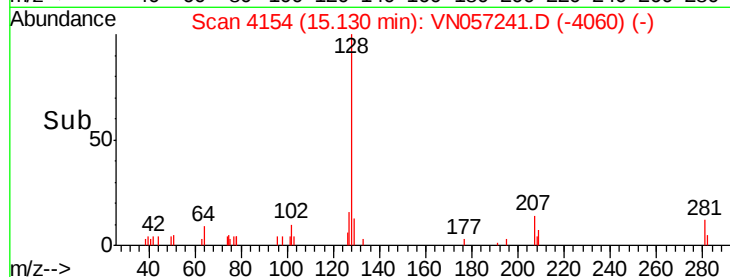
129 11.1 8.5 12.7



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: 1.479 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN057241.D

Acq: 13 Aug 2019 11:27

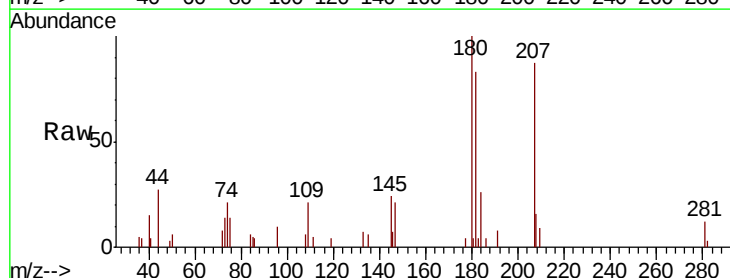
Tgt Ion:180 Resp: 7692

Ion Ratio Lower Upper

180 100

182 89.5 48.9 146.7

145 28.3 15.0 45.1



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

