

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057437.D
 Acq On : 22 Aug 2019 17:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 23 04:23:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:20:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	391432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	707015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	131602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	8476	1.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.52%	
35) Dibromofluoromethane	7.57	113	6005	1.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.56%	
50) Toluene-d8	10.09	98	17740	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
62) 4-Bromofluorobenzene	12.41	95	6388	1.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.84	85	4608	1.278 ug/l	84
3) Chloromethane	2.05	50	8115	1.853 ug/l #	84
4) Vinyl Chloride	2.17	62	8996	2.029 ug/l	94
5) Bromomethane	2.55	94	6769	2.218 ug/l	96
6) Chloroethane	2.69	64	5946	2.008 ug/l #	79
7) Trichlorofluoromethane	3.00	101	14463	2.111 ug/l	87
8) Diethyl Ether	3.39	74	6039	2.359 ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.73	101	8971	2.291 ug/l	94
10) Methyl Iodide	3.92	142	6109	1.128 ug/l	94
11) Tert butyl alcohol	4.80	59	2193	3.394 ug/l #	85
12) 1,1-Dichloroethene	3.71	96	7264	1.863 ug/l	94
13) Acrolein	3.57	56	5096	11.448 ug/l #	33
14) Allyl chloride	4.28	41	5829	0.963 ug/l #	32
15) Acrylonitrile	4.97	53	11465	6.584 ug/l #	59
16) Acetone	3.79	43	30866	19.533 ug/l #	86
17) Carbon Disulfide	4.02	76	15968	1.648 ug/l #	85
18) Methyl Acetate	4.30	43	14137	2.208 ug/l	95
19) Methyl tert-butyl Ether	5.01	73	8988	0.782 ug/l	93
20) Methylene Chloride	4.52	84	6931	1.631 ug/l	92
21) trans-1,2-Dichloroethene	5.01	96	5899	1.547 ug/l	81
22) Diisopropyl ether	5.93	45	20744	1.714 ug/l #	89
23) Vinyl Acetate	5.88	43	75752	7.860 ug/l	96
24) 1,1-Dichloroethane	5.82	63	7129	0.995 ug/l #	92
25) 2-Butanone	6.83	43	18382	7.921 ug/l	99
26) 2,2-Dichloropropane	6.81	77	11095	1.900 ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	6376	1.408 ug/l	91
28) Bromochloromethane	7.18	49	5229	1.533 ug/l #	70
29) Tetrahydrofuran	7.20	42	12273	8.253 ug/l #	72
30) Chloroform	7.36	83	14979	2.020 ug/l #	73
31) Cyclohexane	7.65	56	22781	3.486 ug/l #	57
32) 1,1,1-Trichloroethane	7.55	97	10168	1.630 ug/l #	53
36) 1,1-Dichloropropene	7.78	75	8265	1.299 ug/l	84
37) Ethyl Acetate	6.93	43	7474	1.396 ug/l #	94
38) Carbon Tetrachloride	7.76	117	8755	1.337 ug/l	90

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	9040	1.211	ug/l	96
40) Benzene	8.03	78	25327	1.309	ug/l	98
41) Methacrylonitrile	7.16	41	3440	1.408	ug/l #	69
42) 1,2-Dichloroethane	8.12	62	10161	1.546	ug/l	82
43) Isopropyl Acetate	8.16	43	14883	1.293	ug/l #	78
44) Trichloroethene	8.83	130	5300	1.004	ug/l	80
45) 1,2-Dichloropropane	9.11	63	7101	1.405	ug/l #	84
46) Dibromomethane	9.20	93	5099	1.528	ug/l	89
47) Bromodichloromethane	9.39	83	9694	1.454	ug/l	95
48) Methyl methacrylate	9.19	41	7100	1.583	ug/l #	82
49) 1,4-Dioxane	9.20	88	1709	19.904	ug/l #	69
51) 4-Methyl-2-Pentanone	9.98	43	38458	6.921	ug/l	98
52) Toluene	10.15	92	12933	1.086	ug/l	88
53) t-1,3-Dichloropropene	10.38	75	9435	1.314	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	11193	1.418	ug/l	91
55) 1,1,2-Trichloroethane	10.55	97	3654	0.781	ug/l	92
56) Ethyl methacrylate	10.43	69	7504	1.082	ug/l #	79
57) 1,3-Dichloropropane	10.71	76	9721	1.228	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.69	63	6812	3.828	ug/l	99
59) 2-Hexanone	10.75	43	26168	6.629	ug/l	97
60) Dibromochloromethane	10.90	129	5767	1.110	ug/l	98
61) 1,2-Dibromoethane	11.00	107	5284	1.067	ug/l	98
64) Tetrachloroethene	10.62	164	4703	1.007	ug/l	91
65) Chlorobenzene	11.43	112	13314	1.181	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.51	131	5440	1.262	ug/l #	64
67) Ethyl Benzene	11.51	91	25580	1.270	ug/l	96
68) m/p-Xylenes	11.62	106	15285	2.085	ug/l	87
69) o-Xylene	11.94	106	7687	1.067	ug/l	97
70) Styrene	11.96	104	10726	0.933	ug/l #	86
71) Bromoform	12.13	173	3328	1.001	ug/l #	90
73) Isopropylbenzene	12.25	105	21377	1.656	ug/l	97
74) N-amyl acetate	12.07	43	8887	2.135	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	6535	1.732	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	7446	2.301	ug/l #	100
77) Bromobenzene	12.53	156	4082	1.254	ug/l	88
78) n-propylbenzene	12.59	91	20590	1.584	ug/l	99
79) 2-Chlorotoluene	12.67	91	12005	1.446	ug/l	85
80) 1,3,5-Trimethylbenzene	12.73	105	15910	1.533	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	2266	2.050	ug/l	93
82) 4-Chlorotoluene	12.77	91	11195	1.460	ug/l	94
83) tert-Butylbenzene	13.00	119	15221	1.594	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	10973	1.138	ug/l	97
85) sec-Butylbenzene	13.17	105	15866	1.374	ug/l	99
86) p-Isopropyltoluene	13.29	119	11549	1.178	ug/l	92
87) 1,3-Dichlorobenzene	13.29	146	4989	1.099	ug/l #	83
88) 1,4-Dichlorobenzene	13.37	146	4940	1.138	ug/l #	53
89) n-Butylbenzene	13.62	91	9003	1.249	ug/l	98
90) Hexachloroethane	13.88	117	3342	1.633	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	4389	1.034	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.28	75	539	1.084	ug/l	72

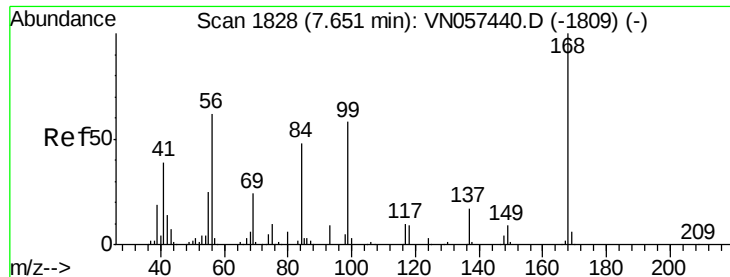
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1723	1.217	ug/l	86
94) Hexachlorobutadiene	15.01	225	1721	0.919	ug/l	96
95) Naphthalene	15.13	128	5846	1.773	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.30	180	2120	1.558	ug/l #	57

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

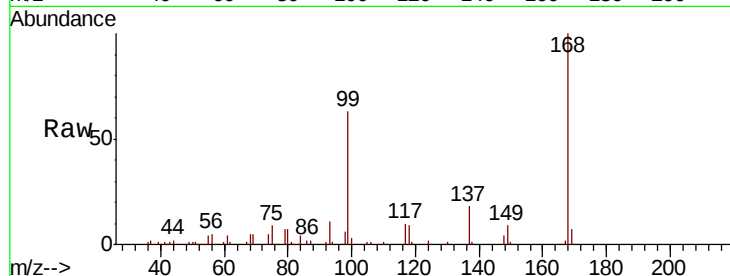
VSTDIC001

Tgt Ion:168 Resp: 391432

Ion Ratio Lower Upper

168 100

99 63.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

150000

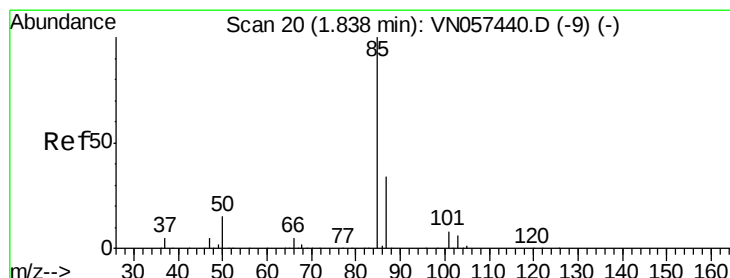
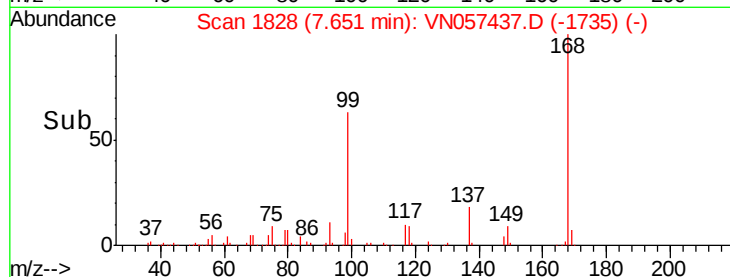
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 1.278 ug/l

RT: 1.84 min Scan# 20

Delta R.T. -0.00 min

Lab File: VN057437.D

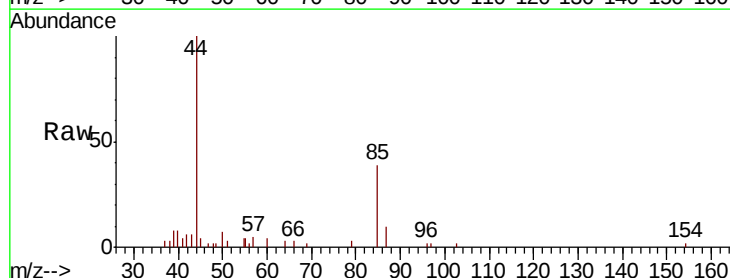
Acq: 22 Aug 2019 17:01

Tgt Ion: 85 Resp: 4608

Ion Ratio Lower Upper

85 100

87 24.7 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VN057440.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VN057440.D (-9) (-)

1.84

3000

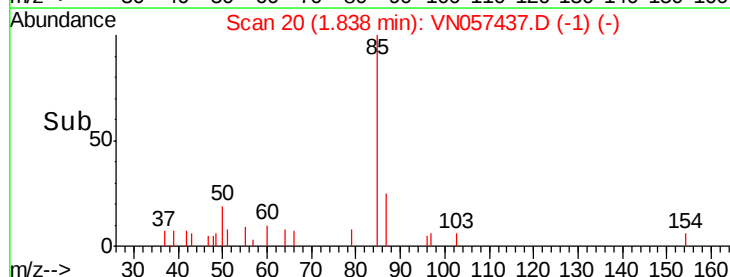
2000

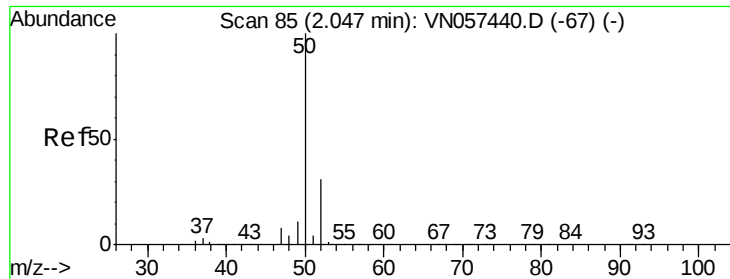
1000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 1.853 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

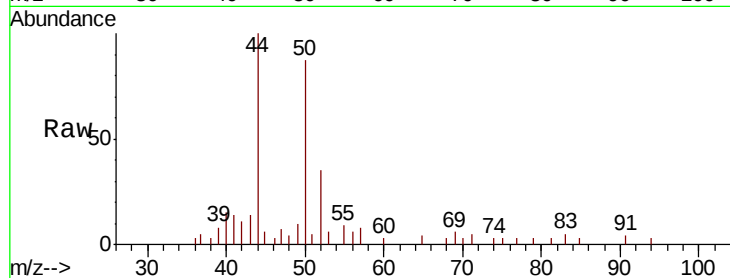
VSTDIC001

Tgt Ion: 50 Resp: 8115

Ion Ratio Lower Upper

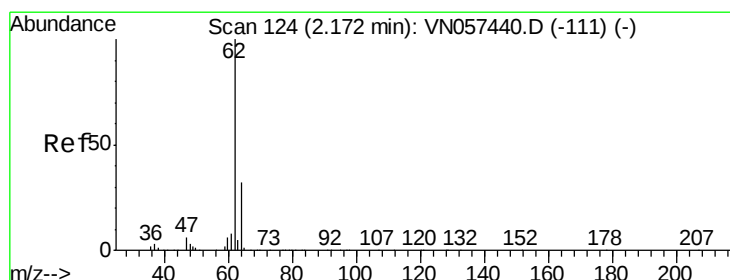
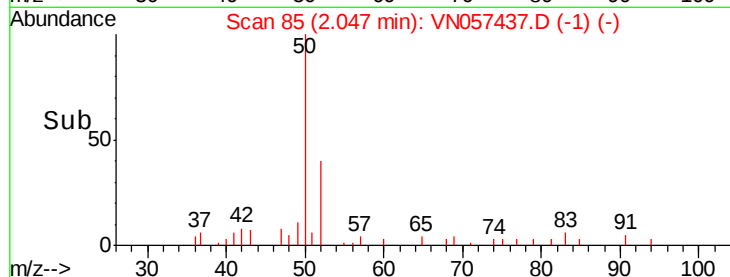
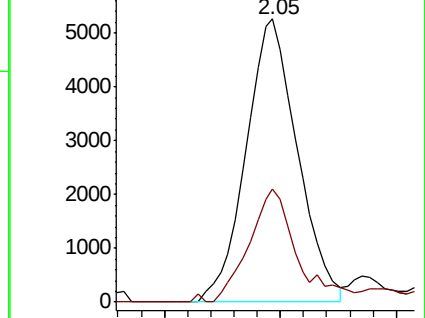
50 100

52 40.0 25.1 37.7#



Abundance Ion 49.90 (49.60 to 50.60): VN057440.D (-67) (-)

Ion 51.90 (51.60 to 52.60): VN057440.D (-67) (-)



#4

Vinyl Chloride

Concen: 2.029 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN057437.D

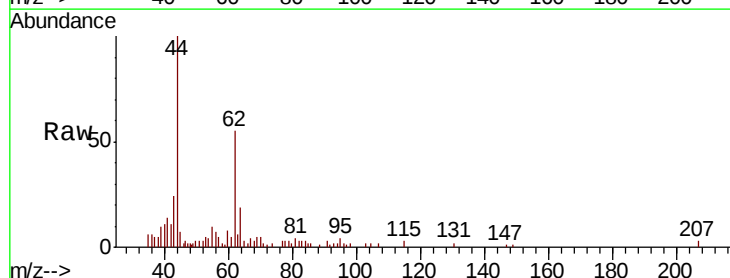
Acq: 22 Aug 2019 17:01

Tgt Ion: 62 Resp: 8996

Ion Ratio Lower Upper

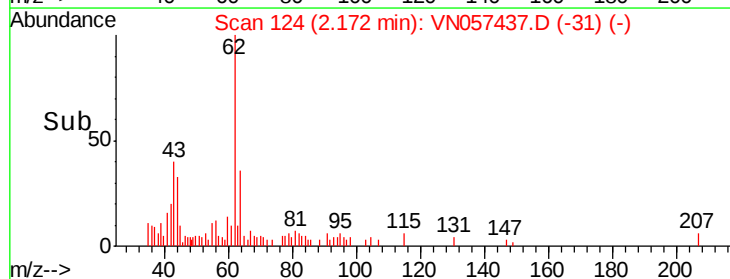
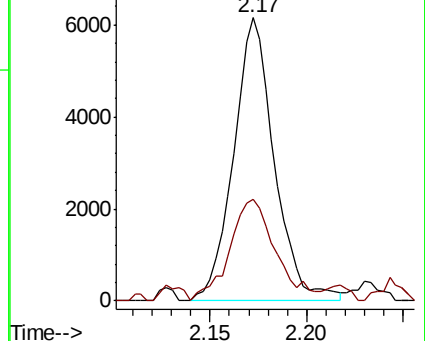
62 100

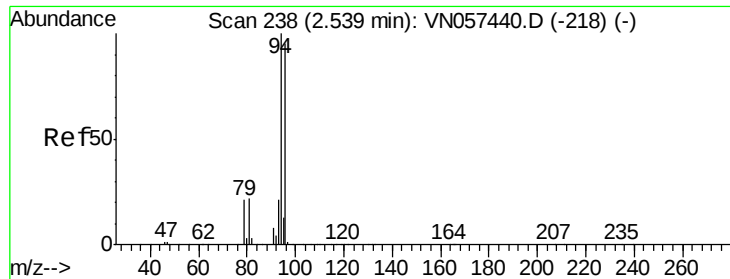
64 35.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN057440.D (-111) (-)

Ion 63.90 (63.60 to 64.60): VN057440.D (-111) (-)





#5

Bromomethane

Concen: 2.218 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

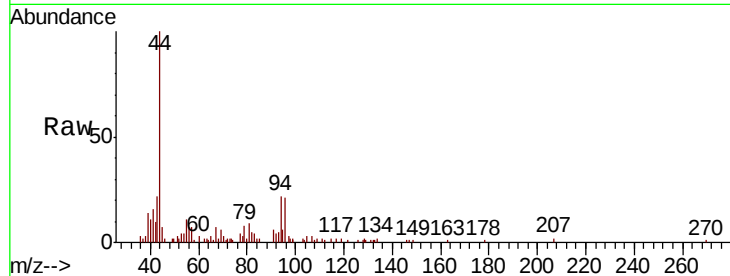
VSTDIC001

Tgt Ion: 94 Resp: 6769

Ion Ratio Lower Upper

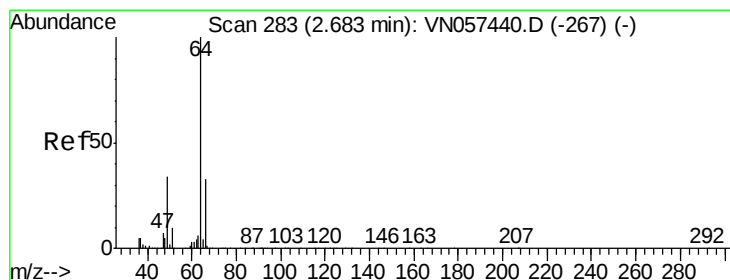
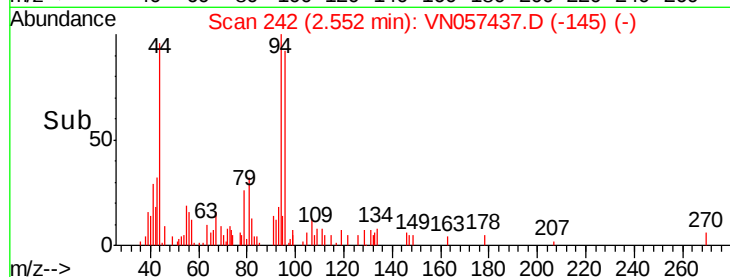
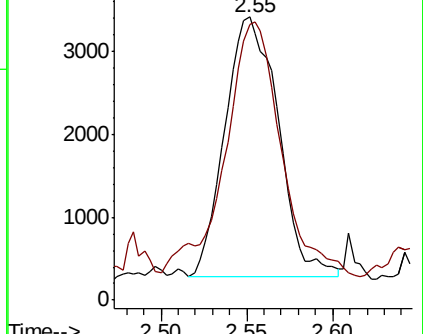
94 100

96 91.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 2.008 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN057437.D

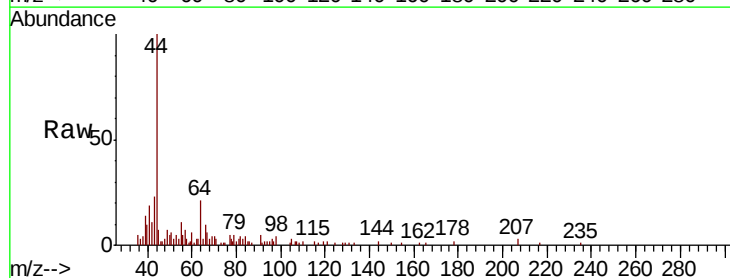
Acq: 22 Aug 2019 17:01

Tgt Ion: 64 Resp: 5946

Ion Ratio Lower Upper

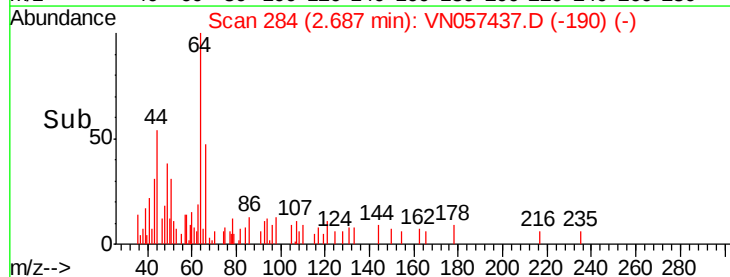
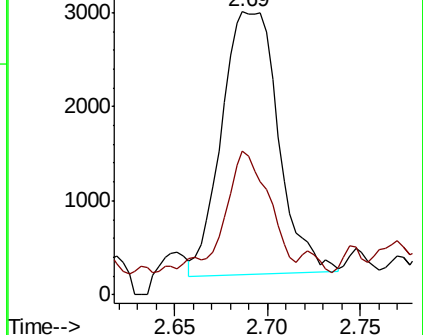
64 100

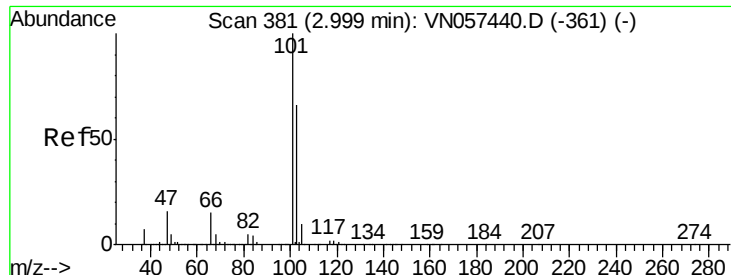
66 45.6 26.8 40.2#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



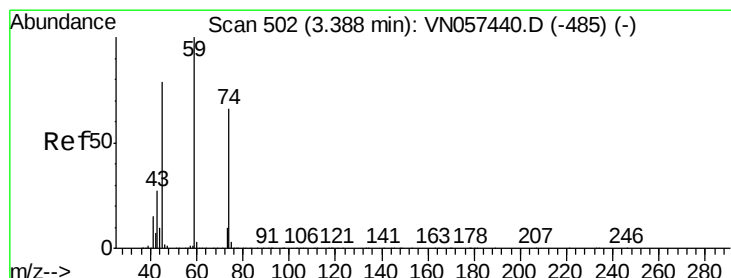
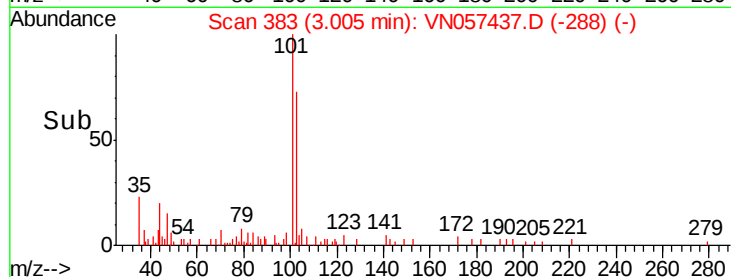
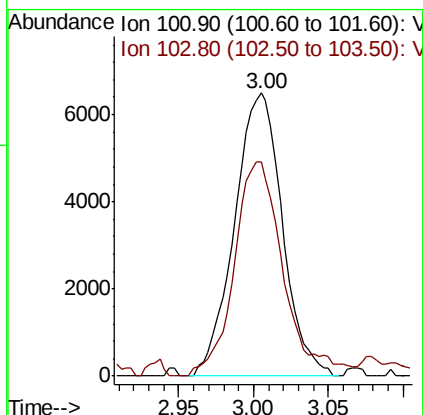
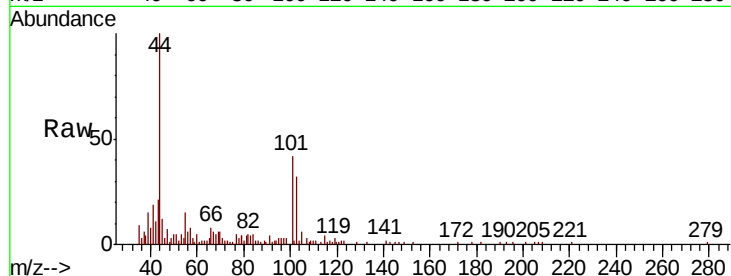


#7

Trichlorofluoromethane
Concen: 2.111 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

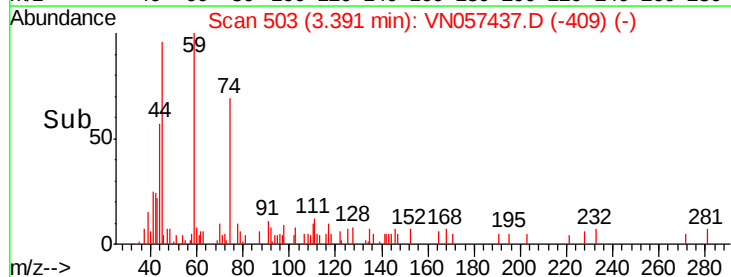
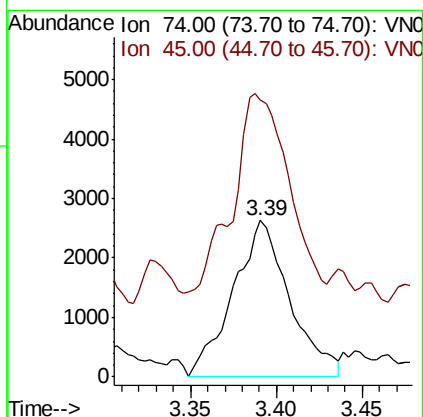
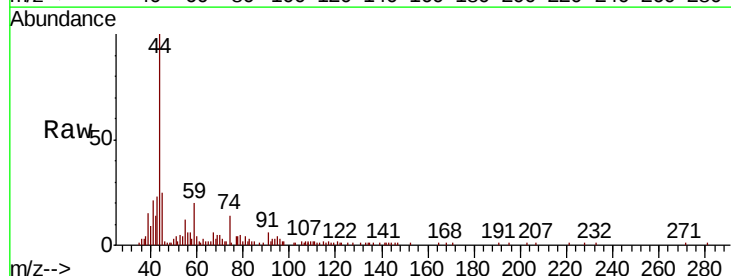
Tgt Ion: 101 Resp: 14463
Ion Ratio Lower Upper
101 100
103 75.6 52.6 78.8

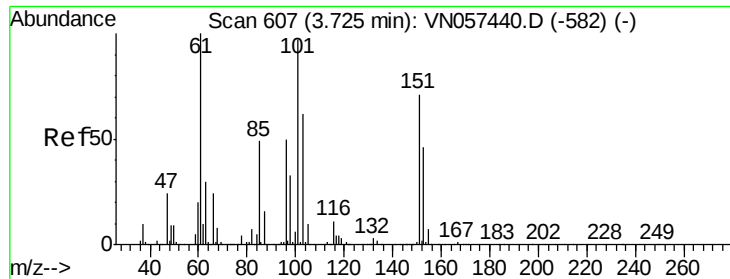


#8

Diethyl Ether
Concen: 2.359 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 74 Resp: 6039
Ion Ratio Lower Upper
74 100
45 134.0 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.291 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

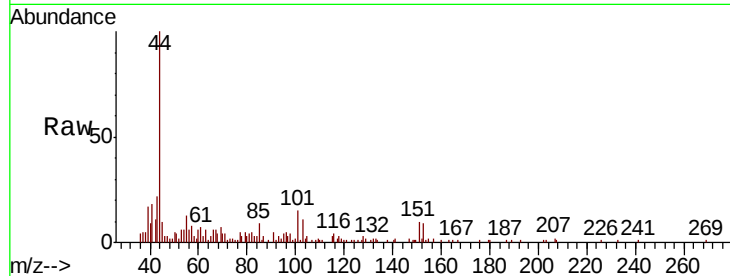
Tgt Ion:101 Resp: 8971

Ion Ratio Lower Upper

101 100

85 47.4 40.0 60.0

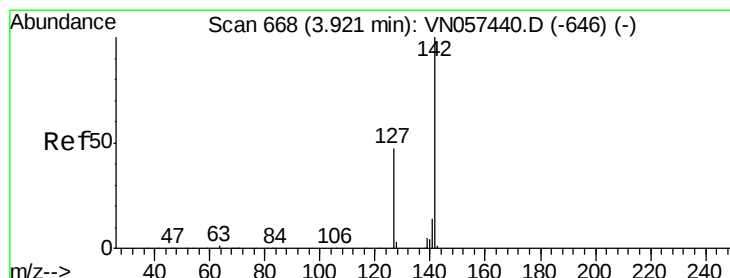
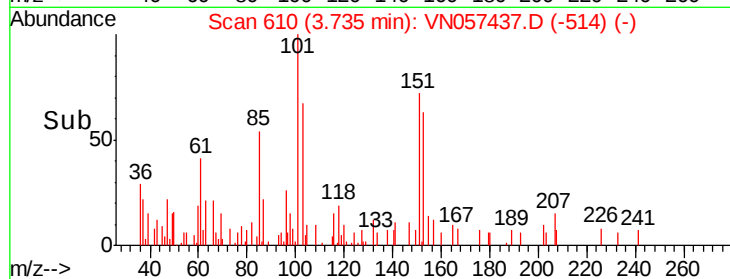
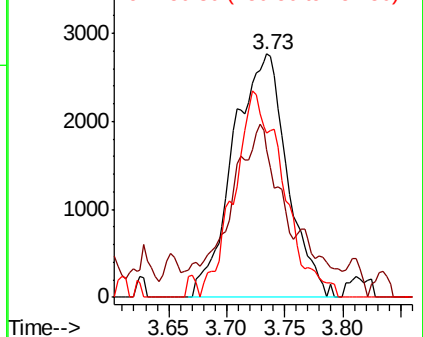
151 76.9 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.128 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

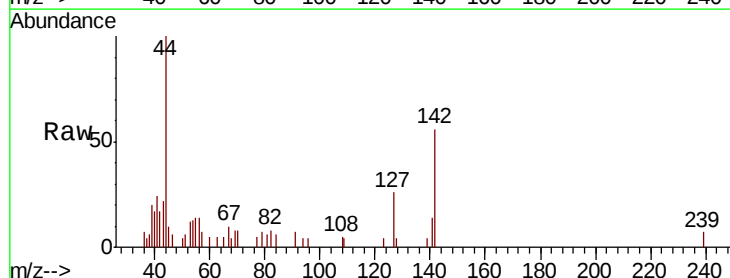
Tgt Ion:142 Resp: 6109

Ion Ratio Lower Upper

142 100

127 41.9 37.8 56.8

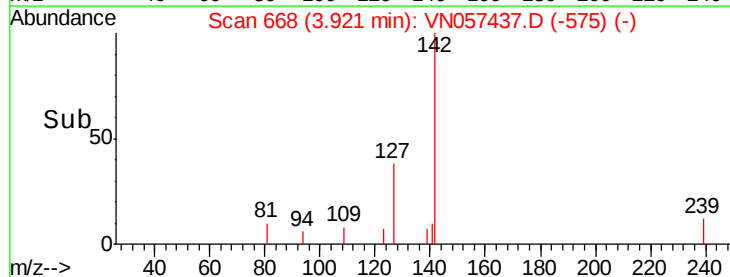
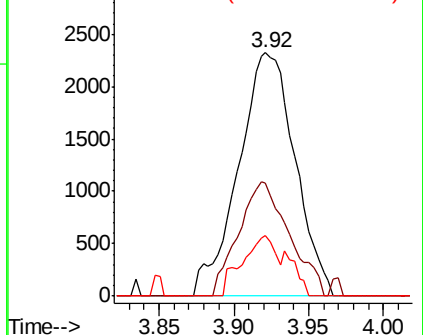
141 14.9 11.9 17.9

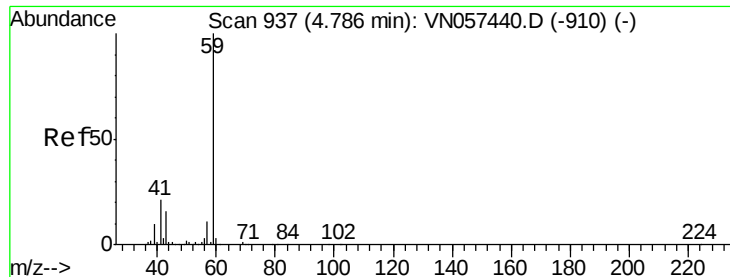


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

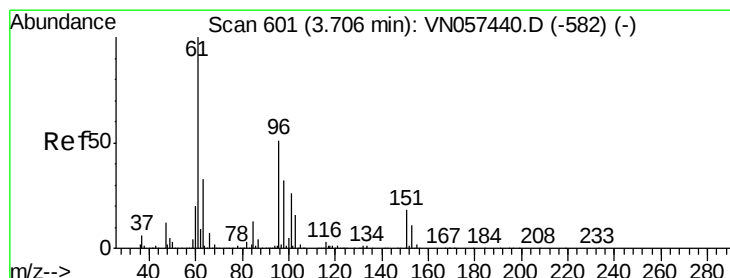
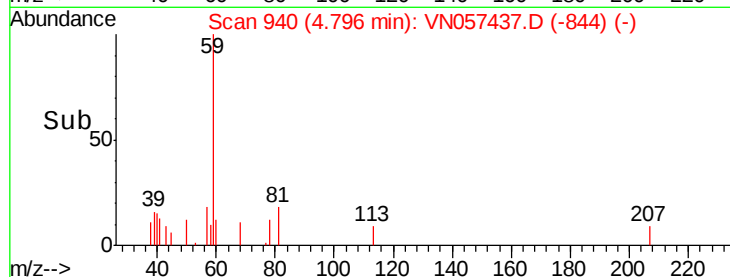
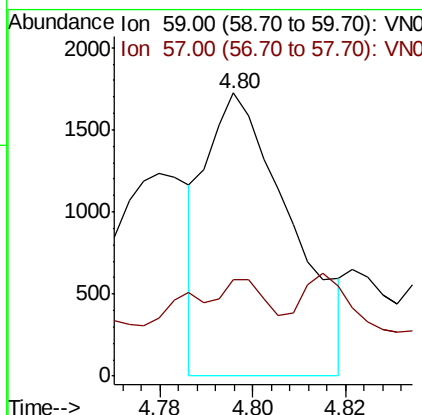
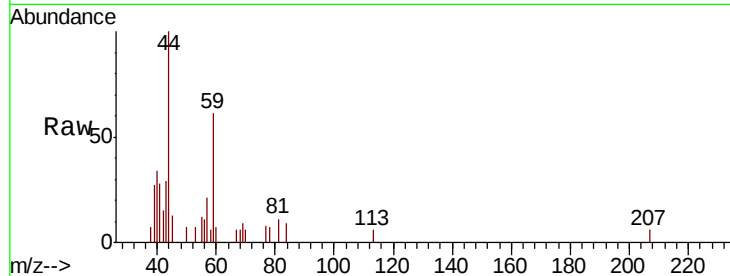




#11
Tert butyl alcohol
Concen: 3.394 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

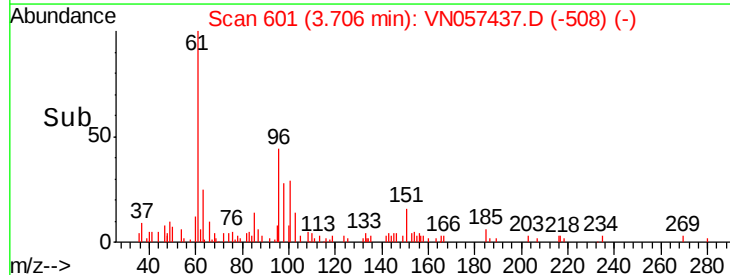
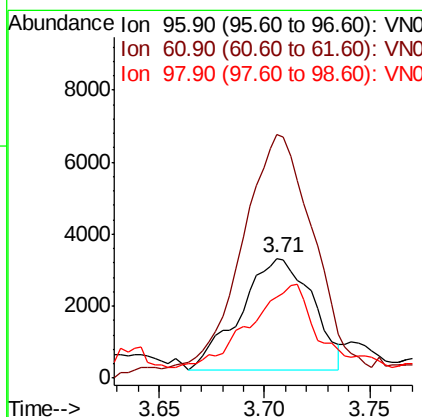
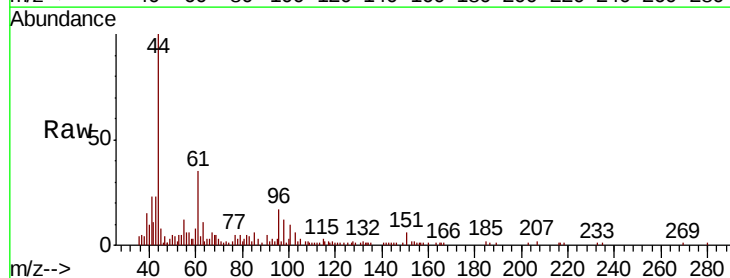
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

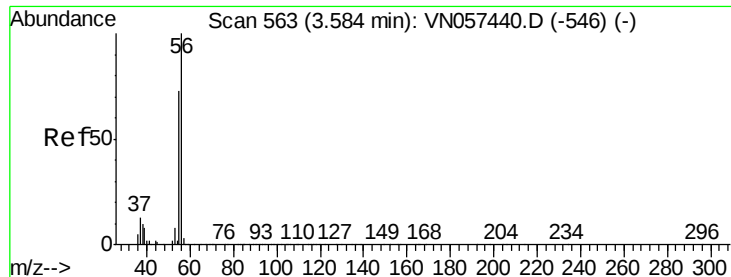
Tgt Ion: 59 Resp: 2193
Ion Ratio Lower Upper
59 100
57 17.2 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 1.863 ug/l
RT: 3.71 min Scan# 601
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 96 Resp: 7264
Ion Ratio Lower Upper
96 100
61 204.2 155.3 232.9
98 59.7 50.2 75.2





#13

Acrolein

Concen: 11.448 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

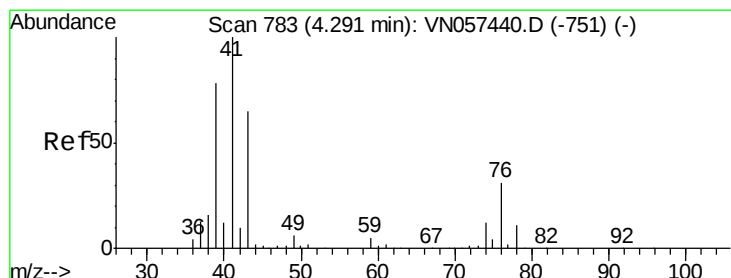
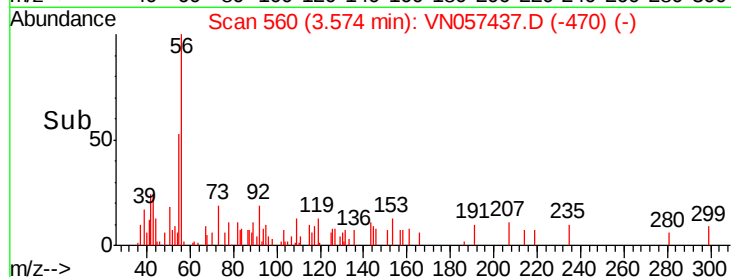
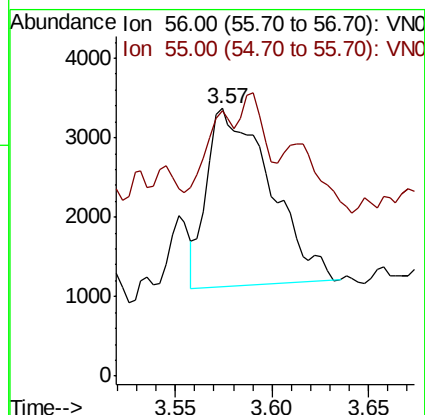
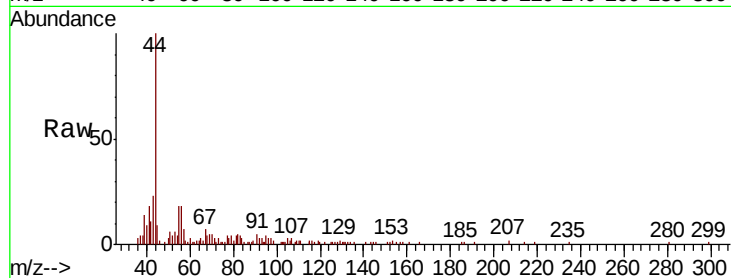
VSTDIC001

Tgt Ion: 56 Resp: 5096

Ion Ratio Lower Upper

56 100

55 17.6 59.0 88.4#



#14

Allyl chloride

Concen: 0.963 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

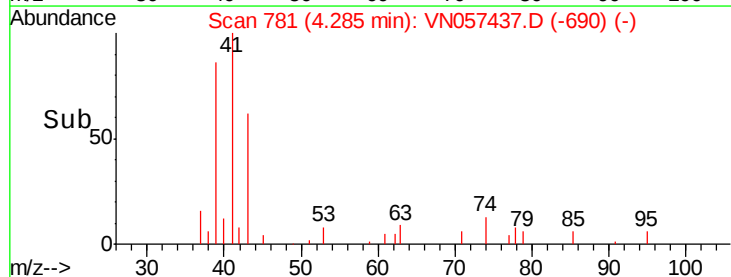
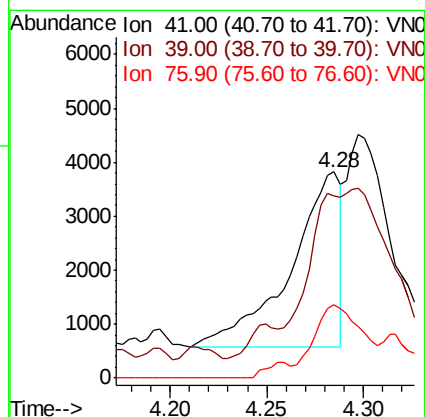
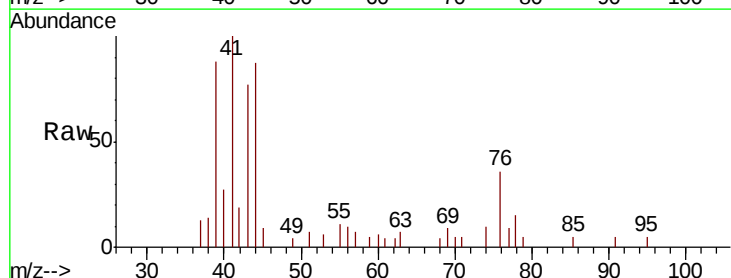
Tgt Ion: 41 Resp: 5829

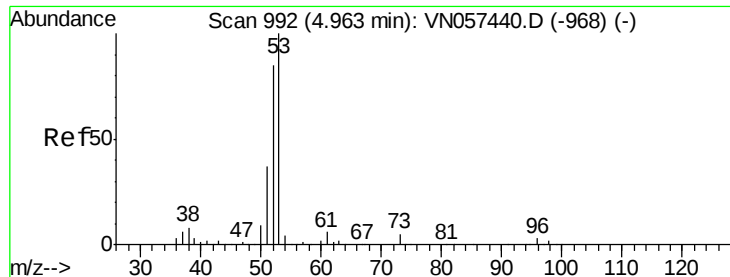
Ion Ratio Lower Upper

41 100

39 0.0 57.4 86.2#

76 40.9 22.9 34.3#





#15

Acrylonitrile

Concen: 6.584 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

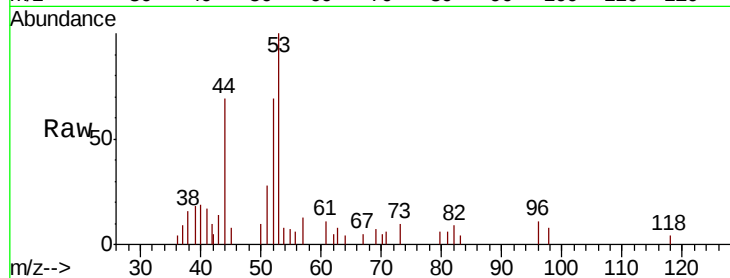
Tgt Ion: 53 Resp: 11465

Ion Ratio Lower Upper

53 100

52 49.1 67.0 100.6#

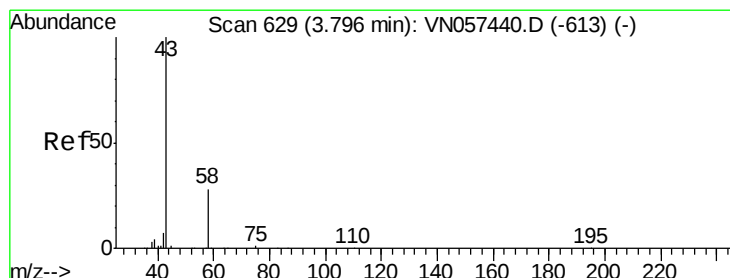
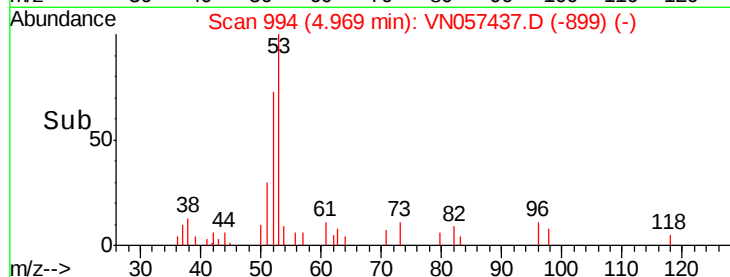
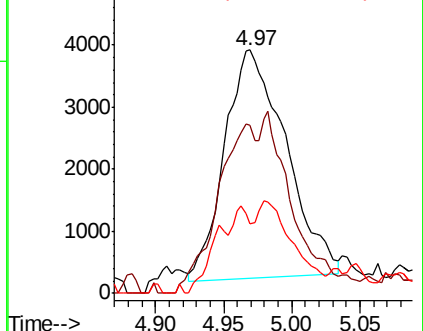
51 9.9 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 19.533 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057437.D

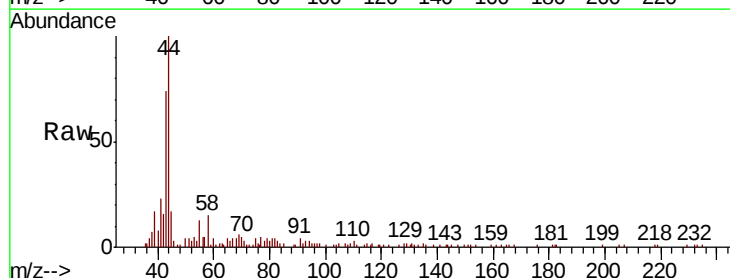
Acq: 22 Aug 2019 17:01

Tgt Ion: 43 Resp: 30866

Ion Ratio Lower Upper

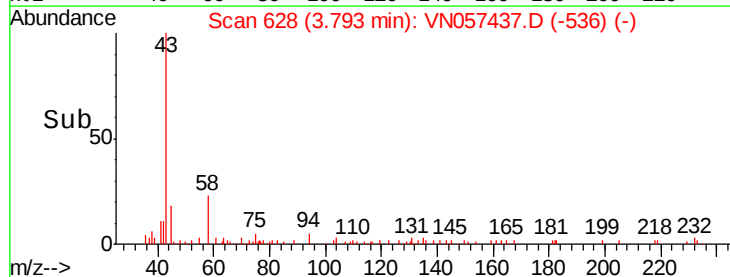
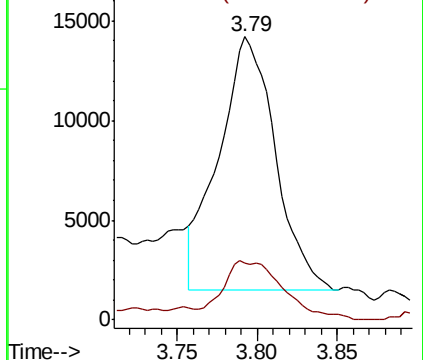
43 100

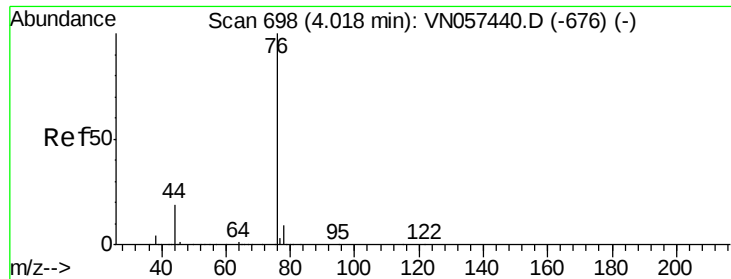
58 20.4 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 1.648 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

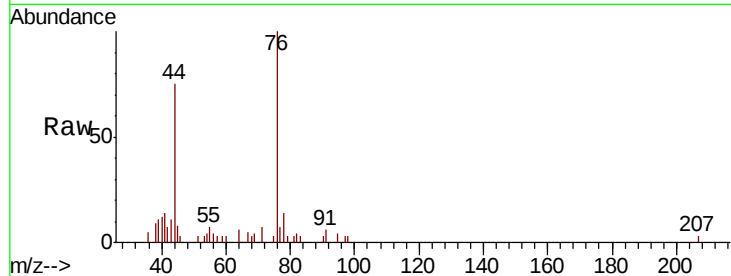
VSTDIC001

Tgt Ion: 76 Resp: 15968

Ion Ratio Lower Upper

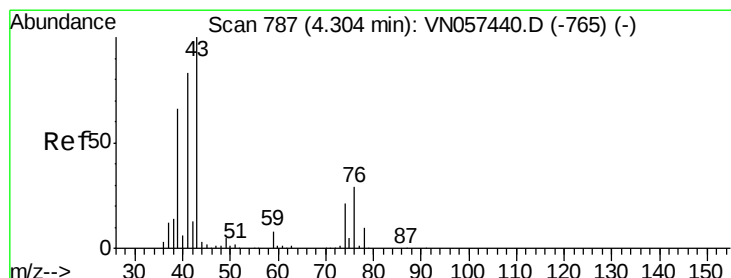
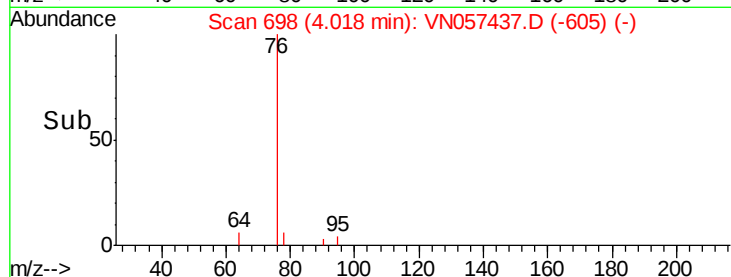
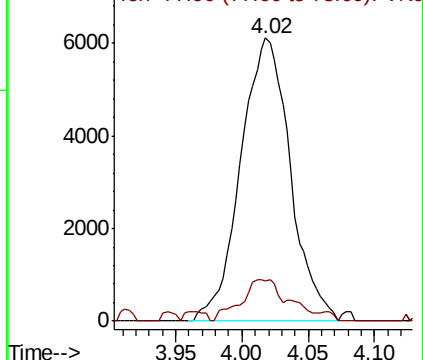
76 100

78 14.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 2.208 ug/l

RT: 4.30 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN057437.D

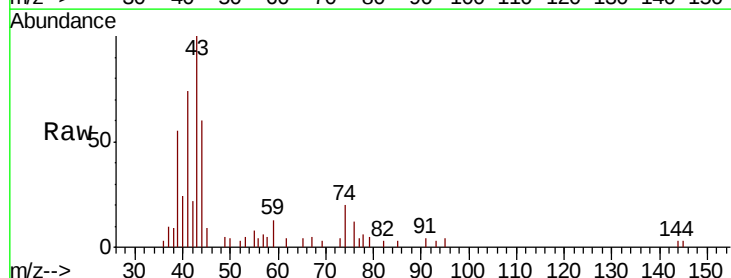
Acq: 22 Aug 2019 17:01

Tgt Ion: 43 Resp: 14137

Ion Ratio Lower Upper

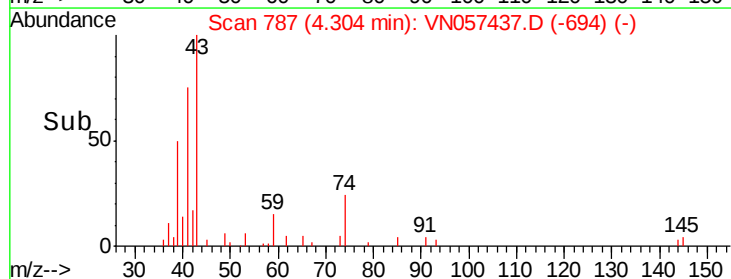
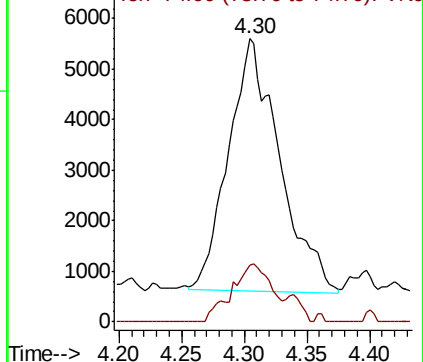
43 100

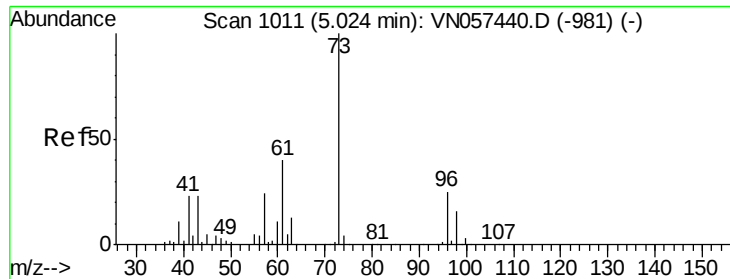
74 17.6 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

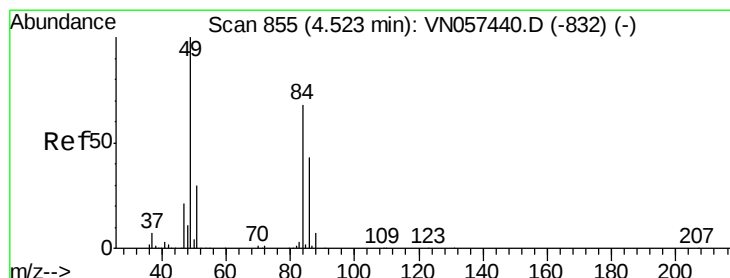
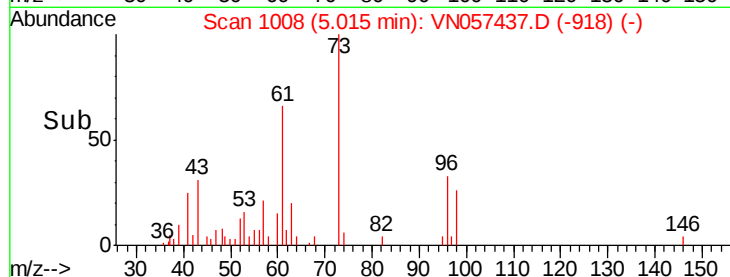
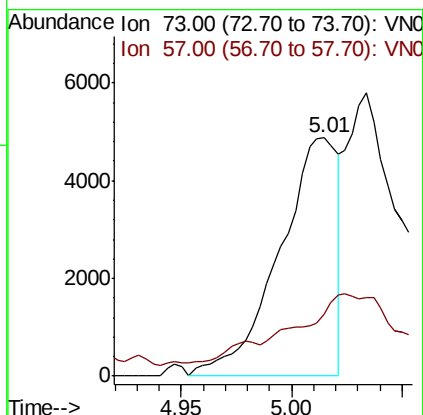
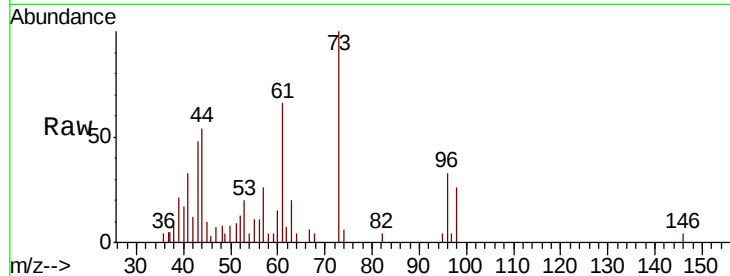




#19
Methyl tert-butyl Ether
Concen: 0.782 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

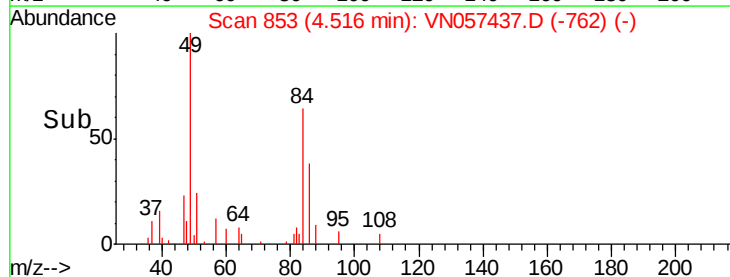
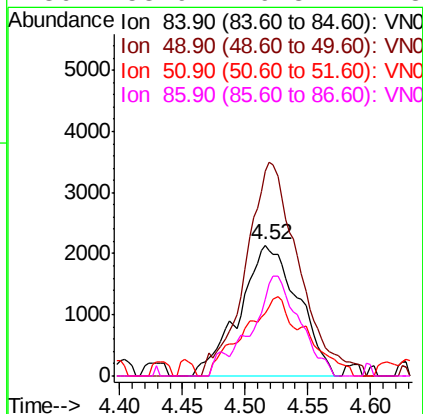
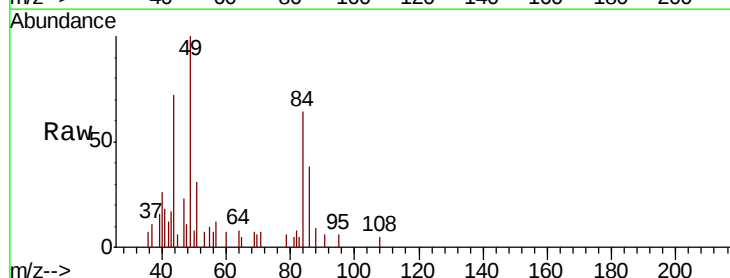
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

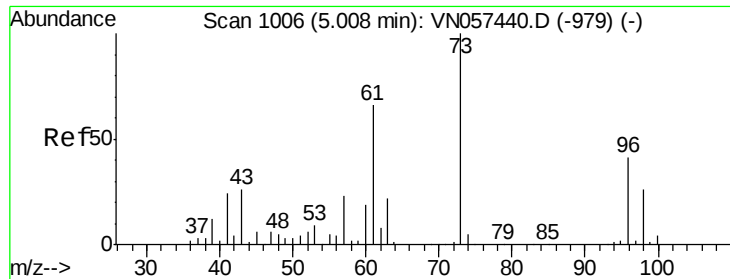
Tgt Ion: 73 Resp: 8988
Ion Ratio Lower Upper
73 100
57 20.4 19.1 28.7



#20
Methylene Chloride
Concen: 1.631 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 84 Resp: 6931
Ion Ratio Lower Upper
84 100
49 156.9 117.0 175.4
51 38.4 35.5 53.3
86 58.9 49.8 74.8

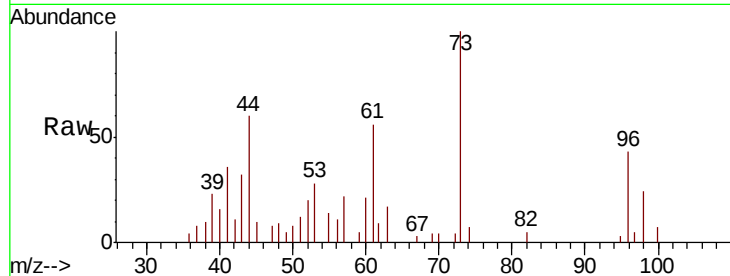




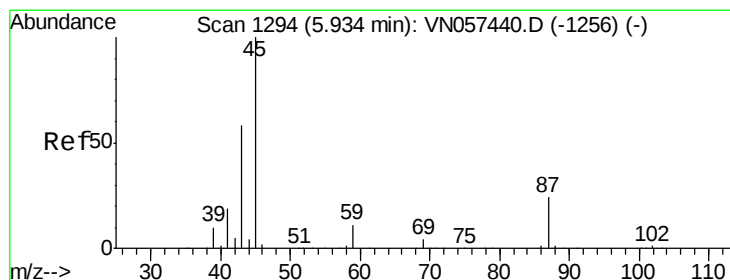
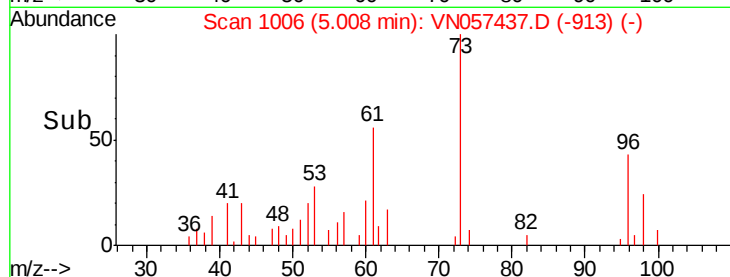
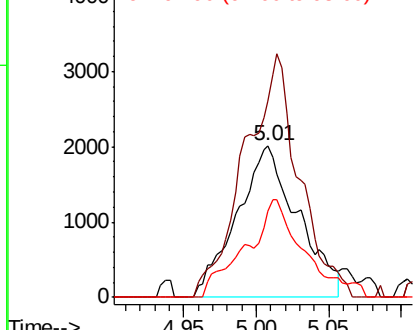
#21
trans-1,2-Dichloroethene
Concen: 1.547 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 5899
Ion Ratio Lower Upper
96 100
61 129.7 127.9 191.9
98 57.1 50.6 76.0

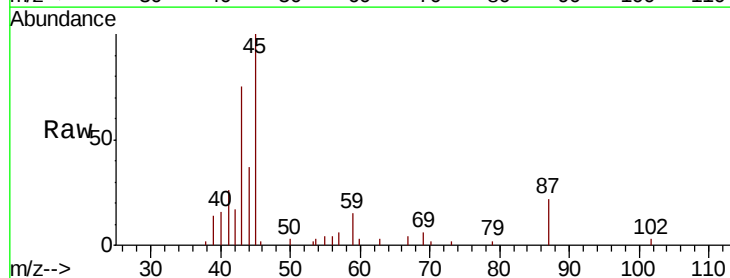


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

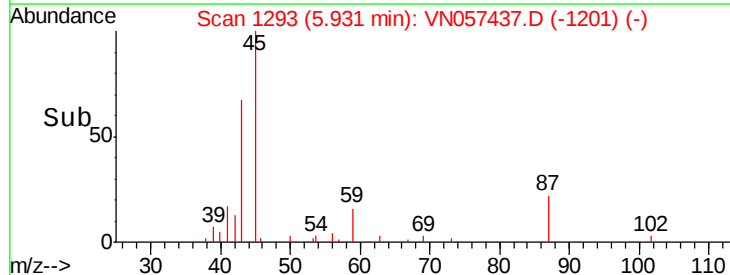
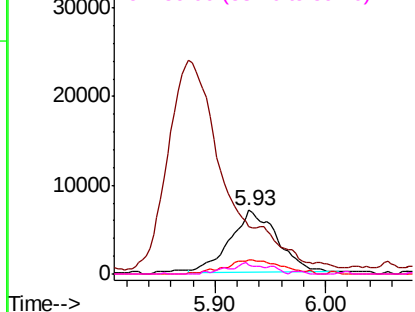


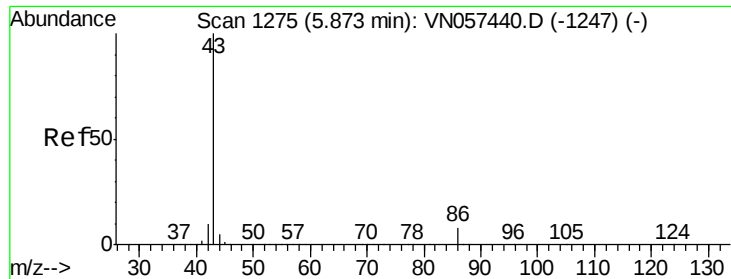
#22
Diisopropyl ether
Concen: 1.714 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 45 Resp: 20744
Ion Ratio Lower Upper
45 100
43 67.3 46.9 70.3
87 20.4 19.3 28.9
59 15.7 8.7 13.1#



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





#23

Vinyl Acetate

Concen: 7.860 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

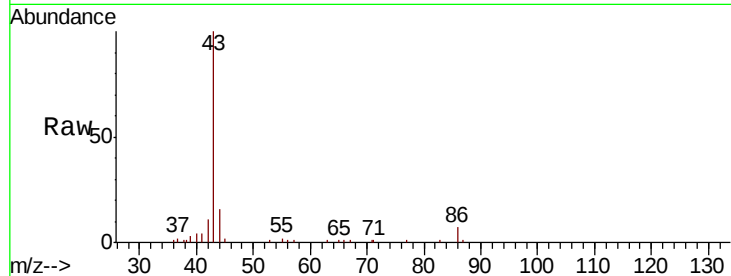
VSTDIC001

Tgt Ion: 43 Resp: 75752

Ion Ratio Lower Upper

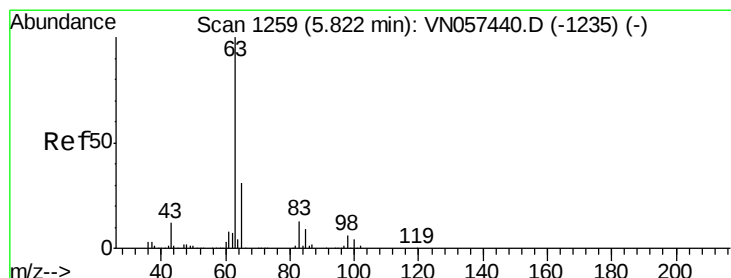
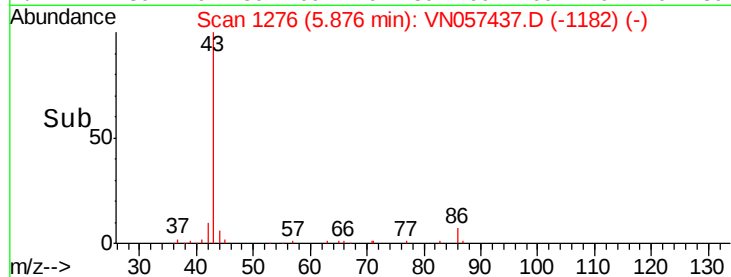
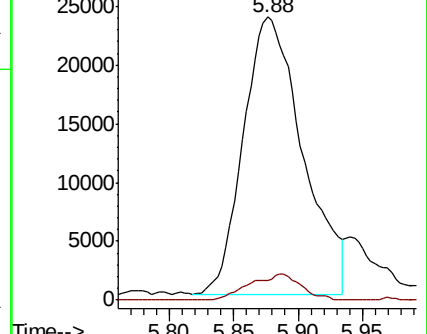
43 100

86 7.1 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.995 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

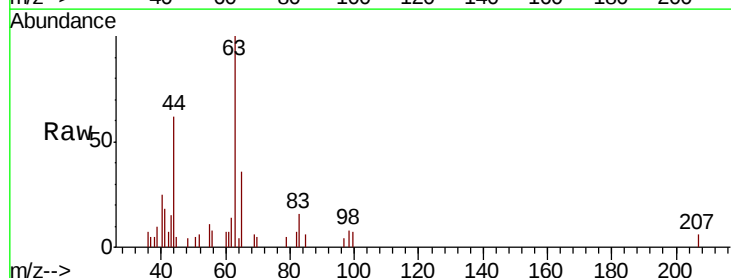
Tgt Ion: 63 Resp: 7129

Ion Ratio Lower Upper

63 100

98 8.2 2.9 8.6

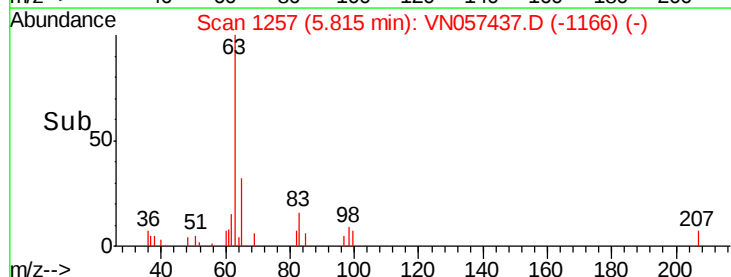
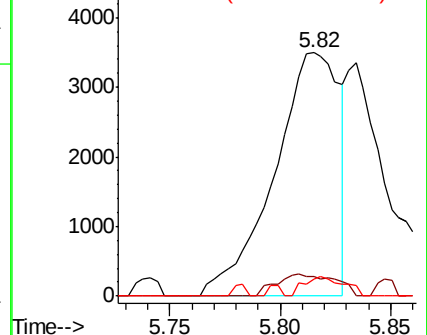
100 6.8 2.1 6.3#

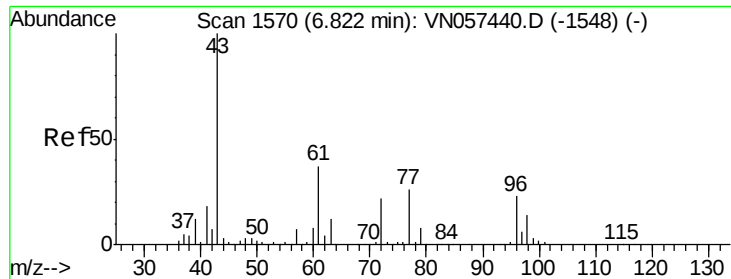


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 7.921 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

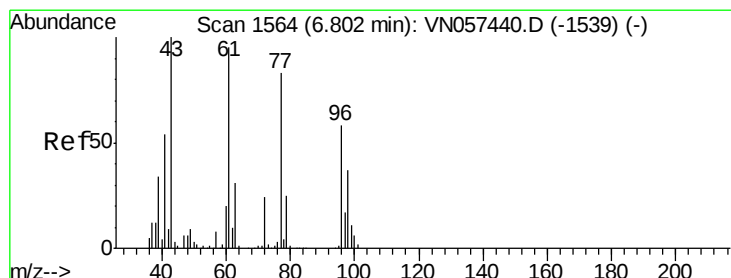
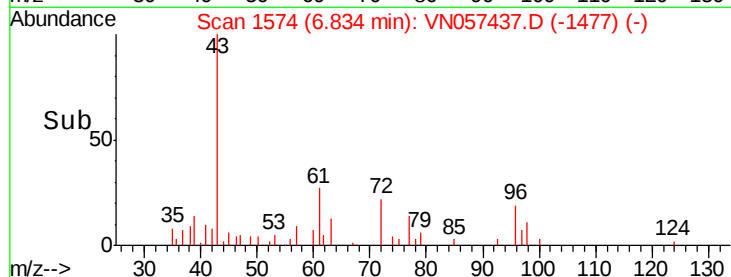
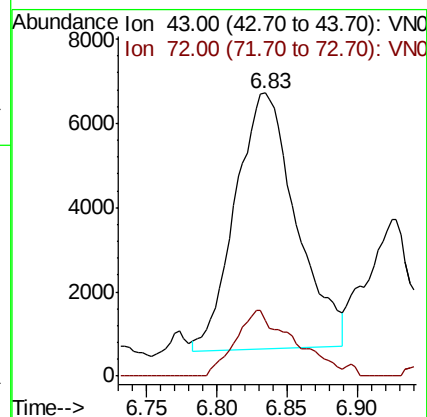
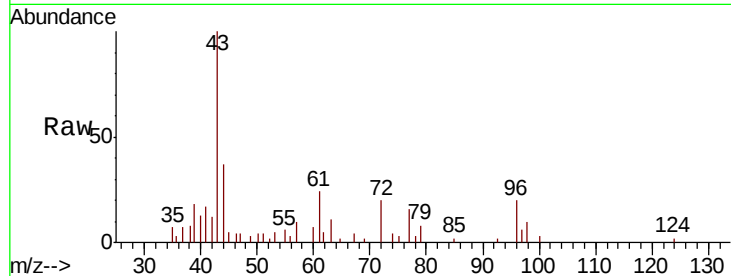
VSTDIC001

Tgt Ion: 43 Resp: 18382

Ion Ratio Lower Upper

43 100

72 22.6 17.8 26.8



#26

2,2-Dichloropropane

Concen: 1.900 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057437.D

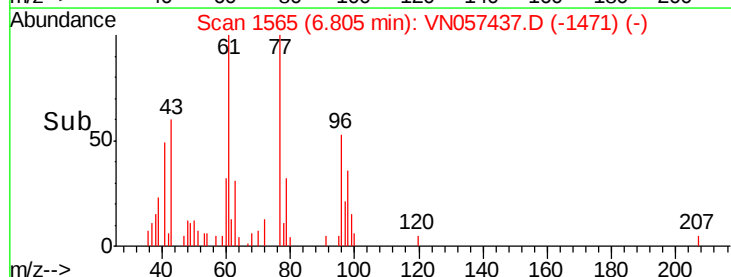
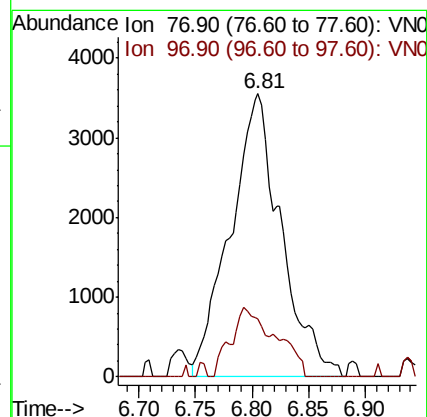
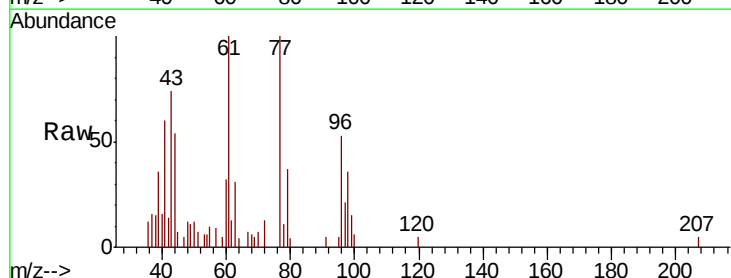
Acq: 22 Aug 2019 17:01

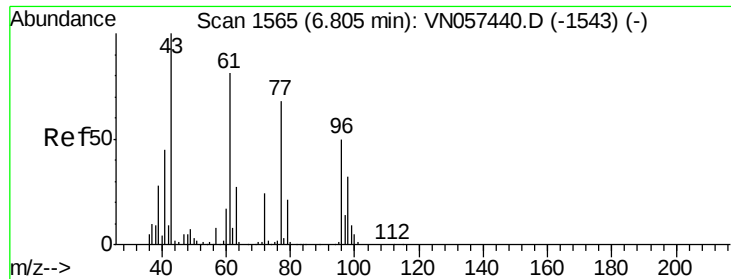
Tgt Ion: 77 Resp: 11095

Ion Ratio Lower Upper

77 100

97 21.5 10.8 32.3

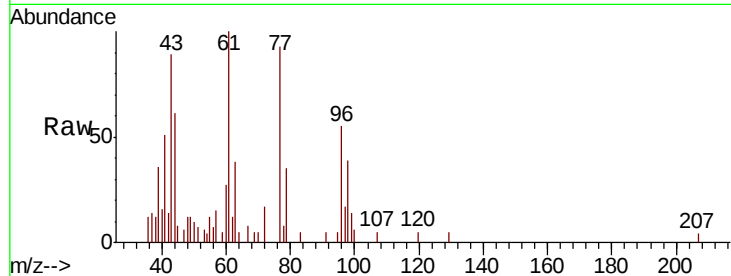




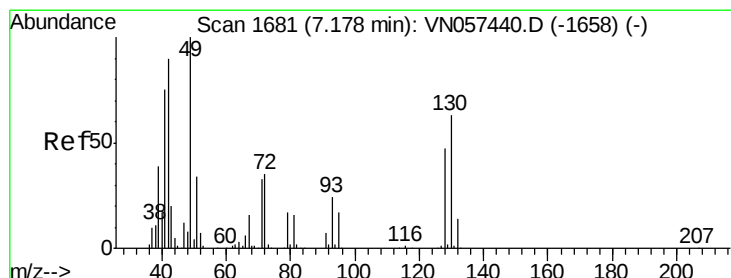
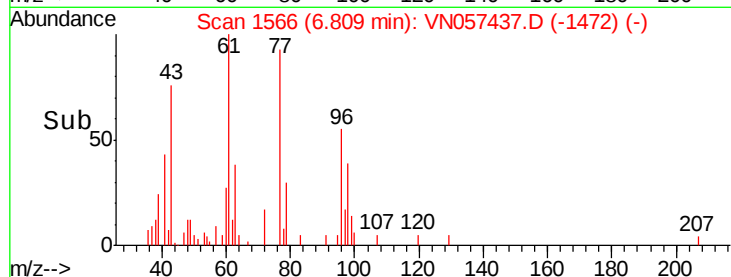
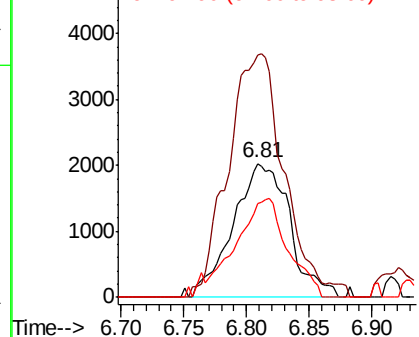
#27
 cis-1,2-Dichloroethene
 Concen: 1.408 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 6376
 Ion Ratio Lower Upper
 96 100
 61 180.9 0.0 334.8
 98 69.8 0.0 127.4

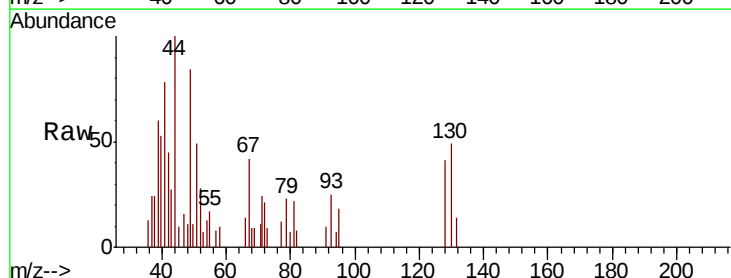


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

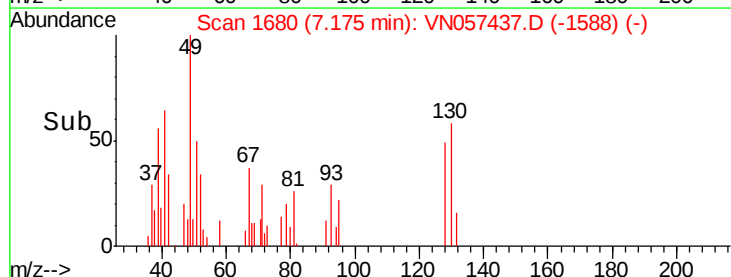
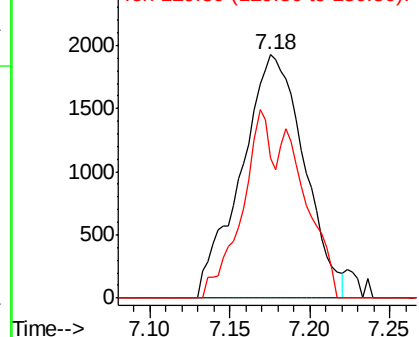


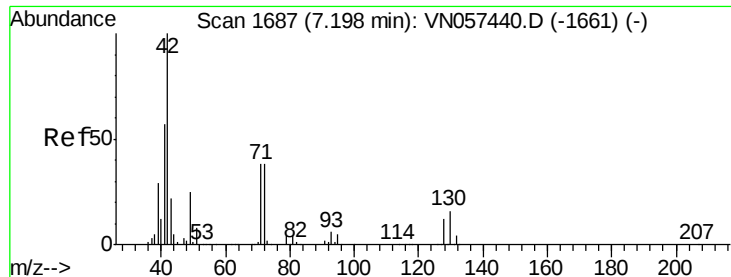
#28
 Bromochloromethane
 Concen: 1.533 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion: 49 Resp: 5229
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 37.5 48.6 72.8#



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

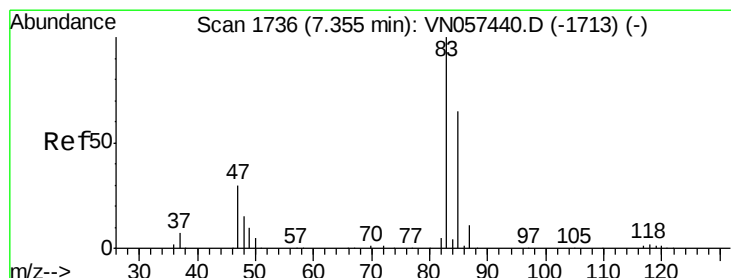
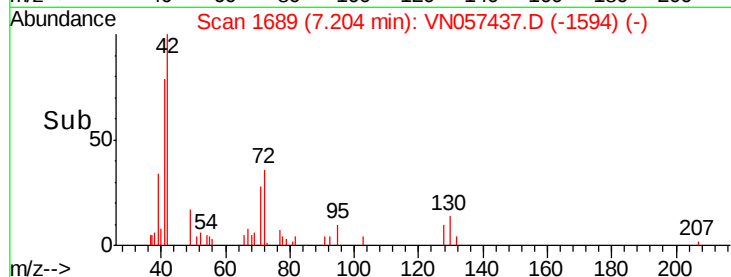
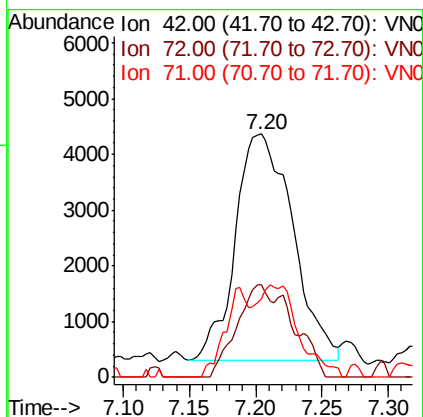
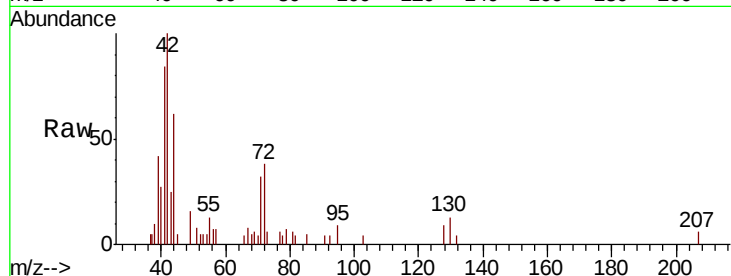




#29
Tetrahydrofuran
Concen: 8.253 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

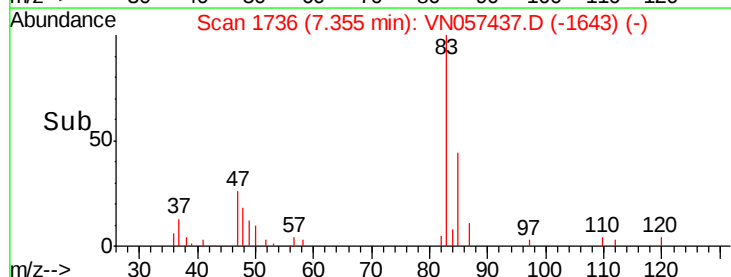
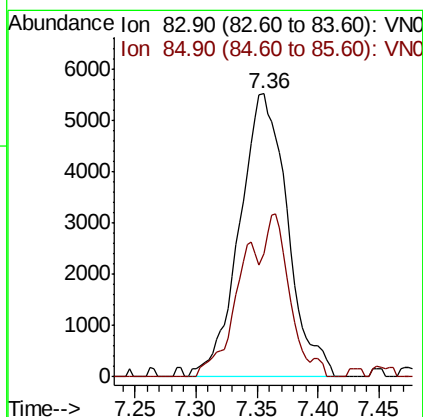
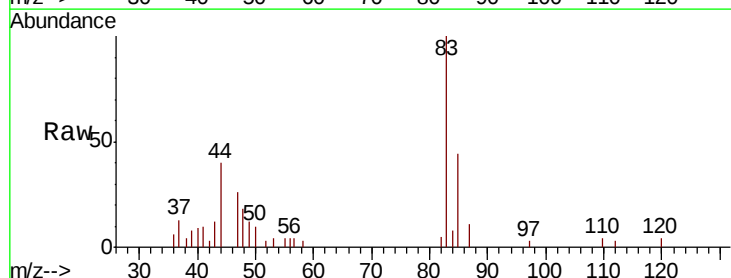
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

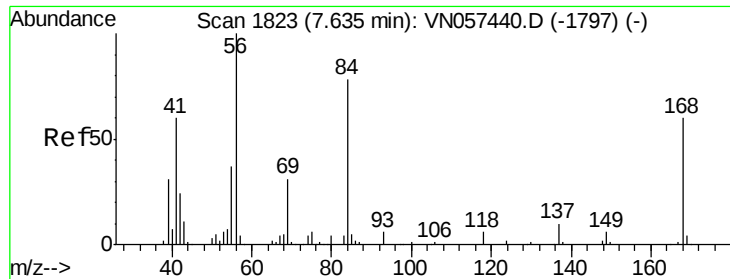
Tgt Ion: 42 Resp: 12273
Ion Ratio Lower Upper
42 100
72 25.0 30.1 45.1#
71 15.8 28.8 43.2#



#30
Chloroform
Concen: 2.020 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 83 Resp: 14979
Ion Ratio Lower Upper
83 100
85 43.6 51.9 77.9#

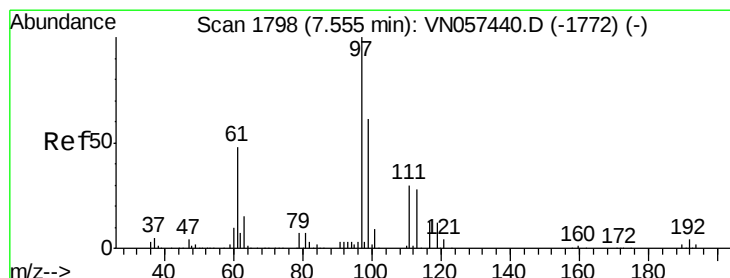
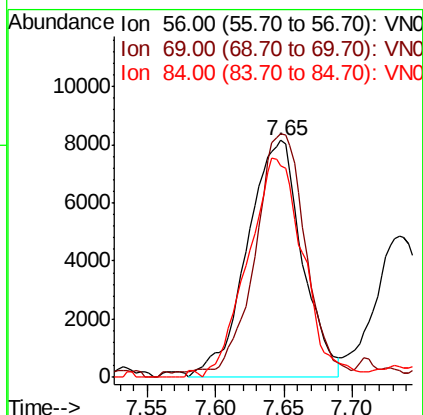
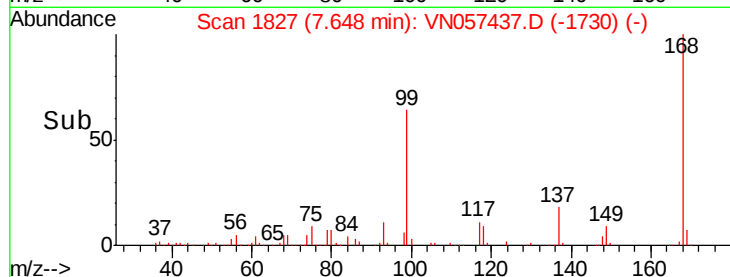
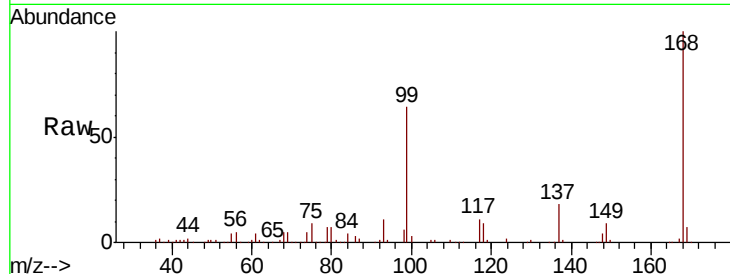




#31
Cyclohexane
Concen: 3.486 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

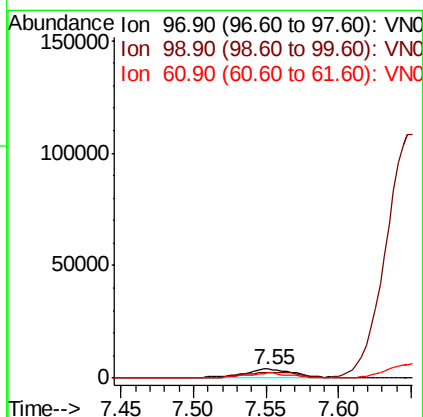
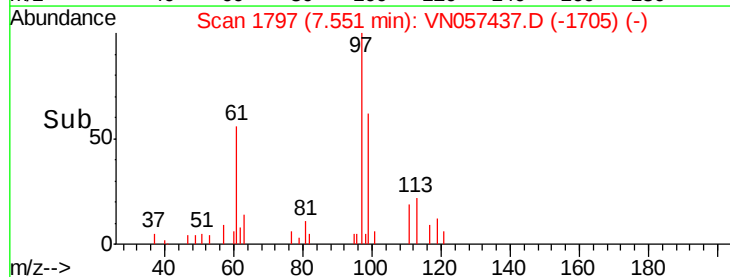
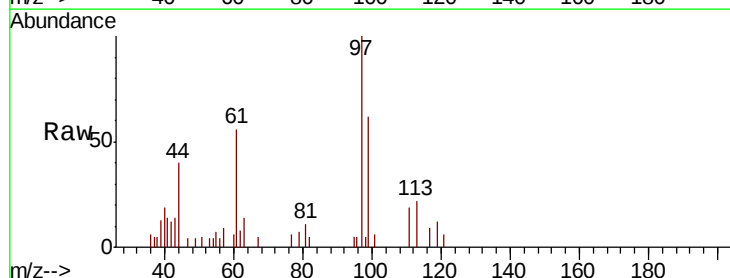
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

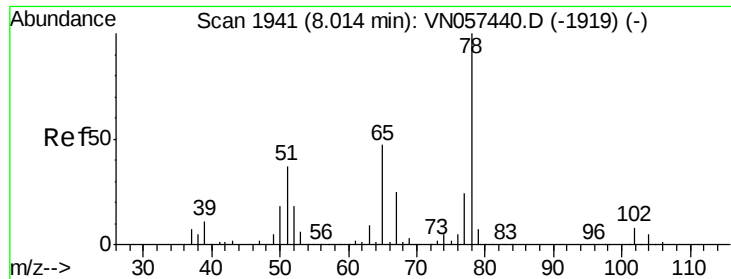
Tgt Ion: 56 Resp: 22781
Ion Ratio Lower Upper
56 100
69 100.3 25.0 37.6#
84 86.6 62.5 93.7



#32
1,1,1-Trichloroethane
Concen: 1.630 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 97 Resp: 10168
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6#
61 51.2 39.8 59.6





#33

1,2-Dichloroethane-d4

Concen: 1.762 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

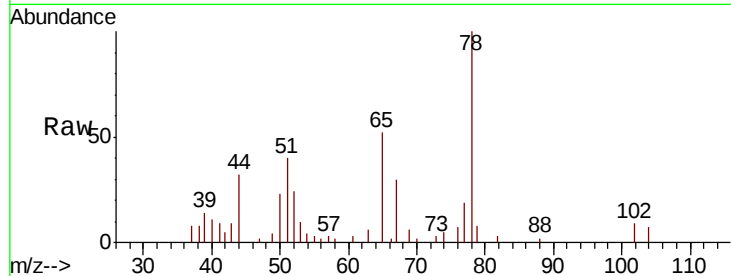
VSTDIC001

Tgt Ion: 65 Resp: 8476

Ion Ratio Lower Upper

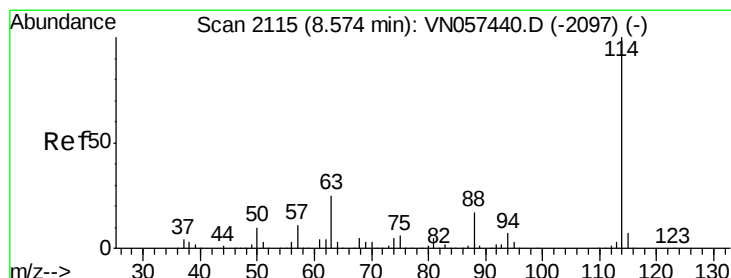
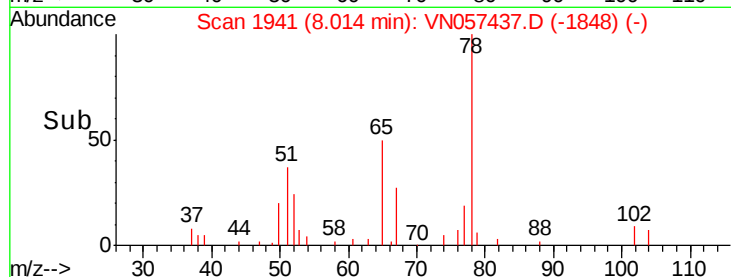
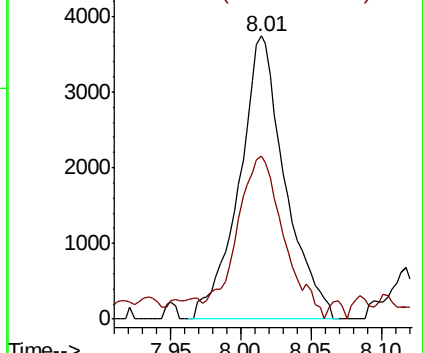
65 100

67 59.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057440.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN057440.D (-1919) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

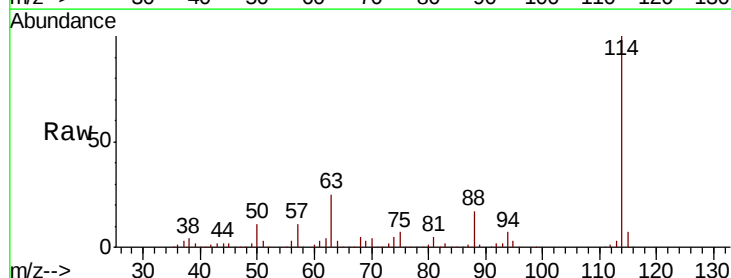
Tgt Ion: 114 Resp: 707015

Ion Ratio Lower Upper

114 100

63 24.6 0.0 50.2

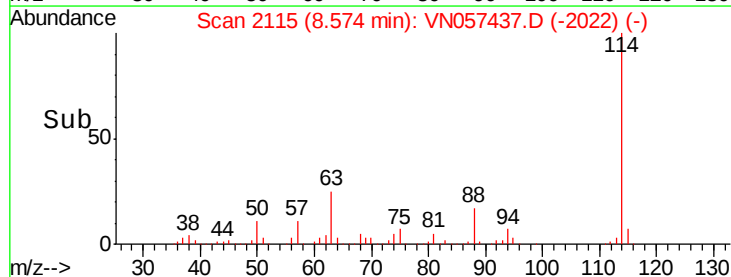
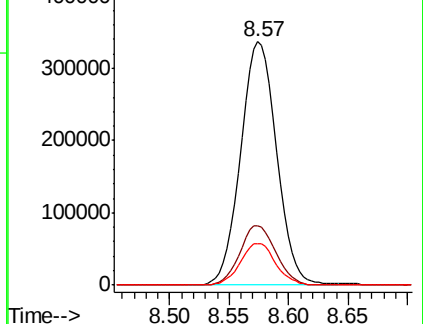
88 17.2 0.0 34.6

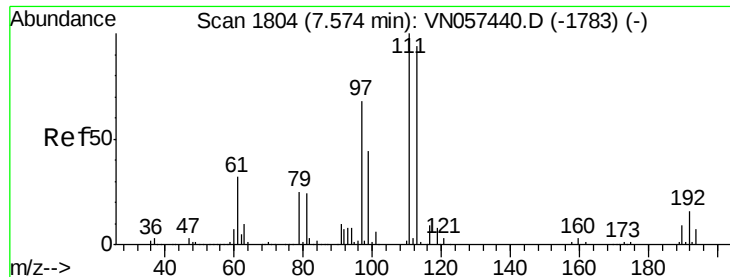


Abundance Ion 113.90 (113.60 to 114.60): VN057440.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057440.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057440.D (-2097) (-)

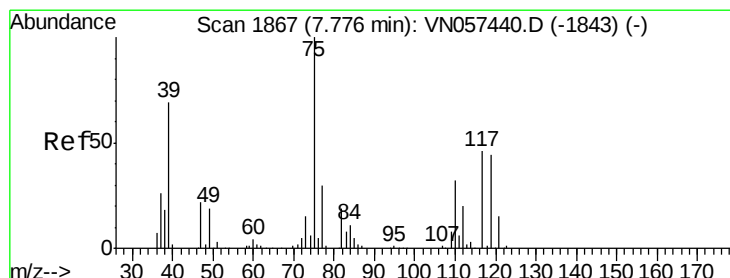
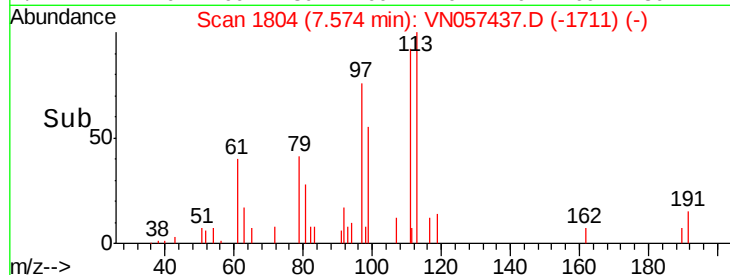
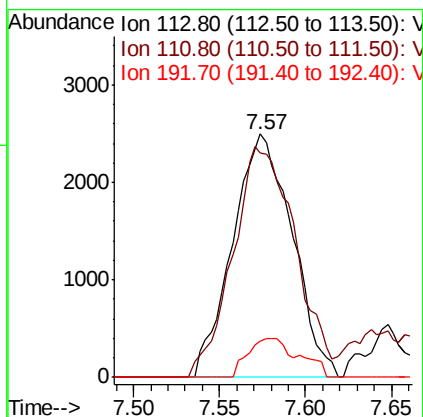
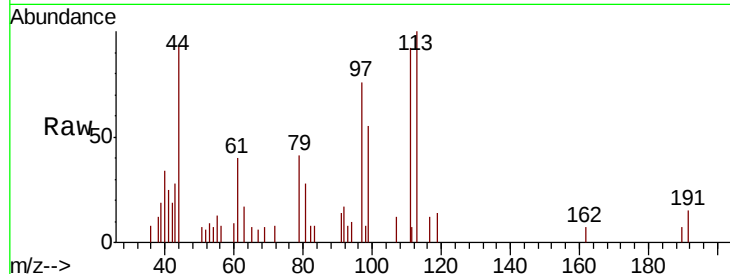




#35
 Dibromofluoromethane
 Concen: 1.285 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

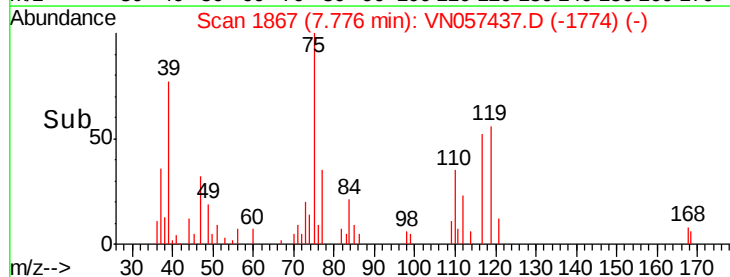
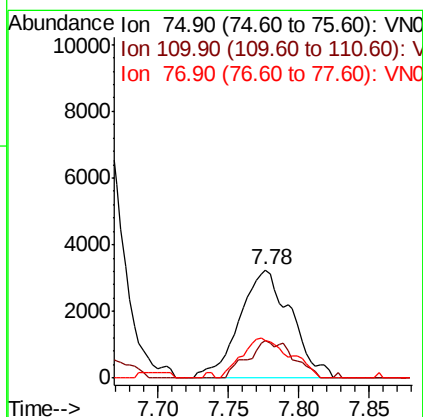
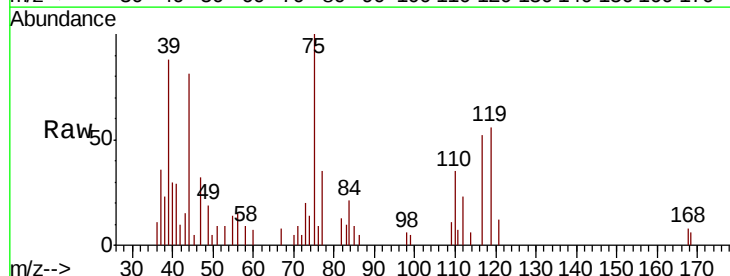
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

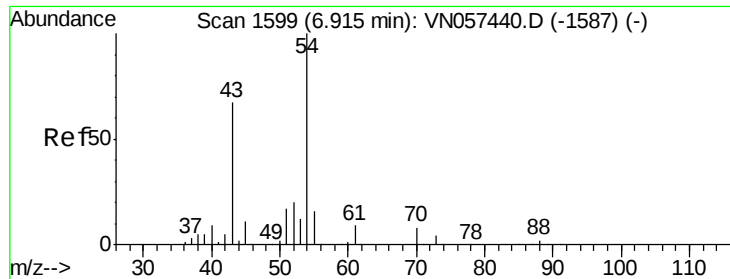
Tgt Ion: 113 Resp: 6005
 Ion Ratio Lower Upper
 113 100
 111 99.0 83.8 125.6
 192 13.6 13.5 20.3



#36
 1,1-Dichloropropene
 Concen: 1.299 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion: 75 Resp: 8265
 Ion Ratio Lower Upper
 75 100
 110 18.3 16.1 48.3
 77 34.7 24.8 37.2

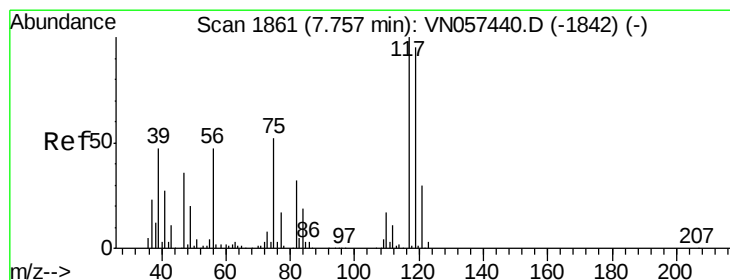
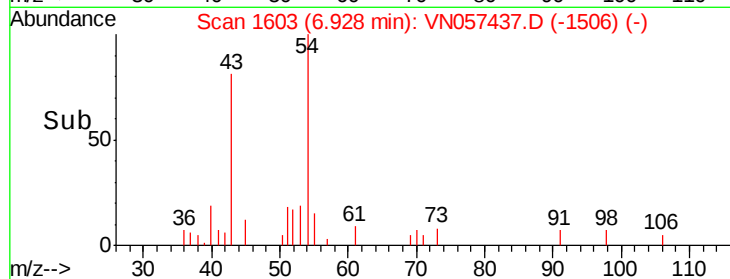
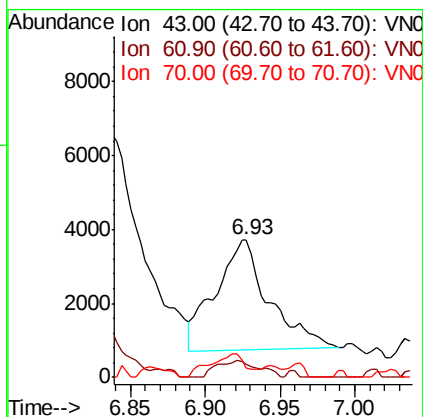
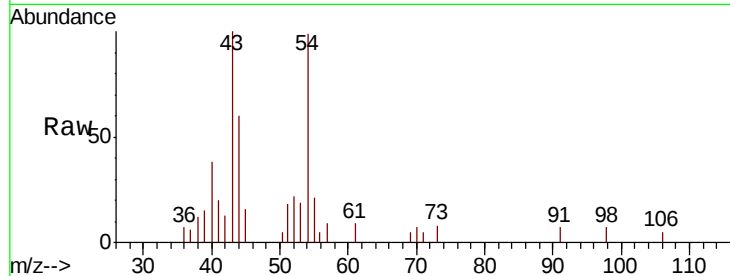




#37
Ethyl Acetate
Concen: 1.396 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

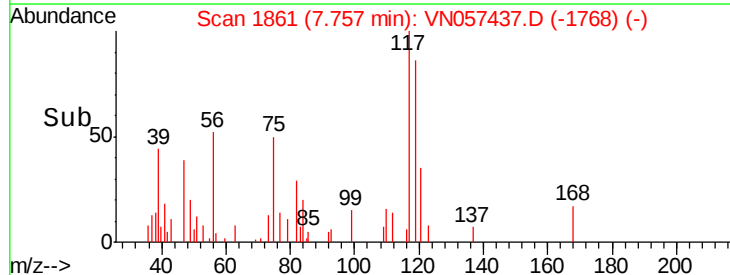
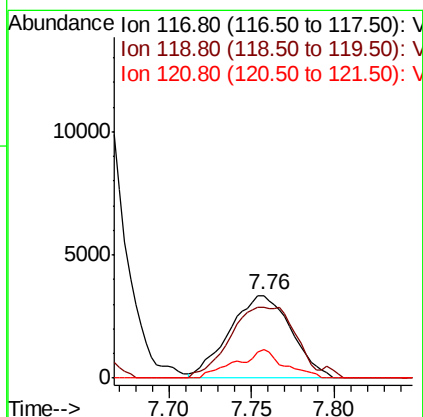
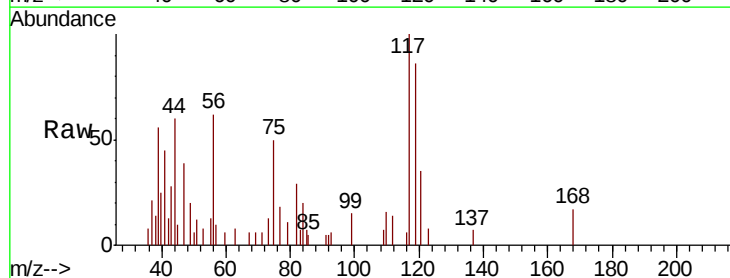
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

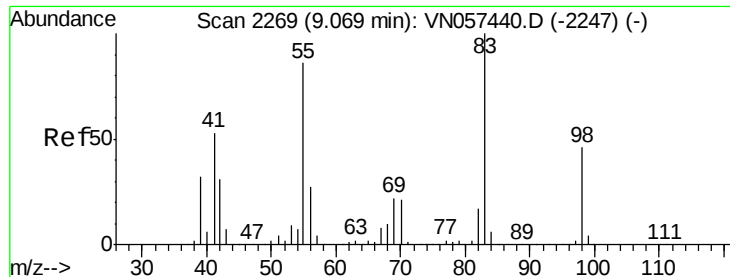
Tgt Ion: 43 Resp: 7474
Ion Ratio Lower Upper
43 100
61 11.7 9.9 14.9
70 13.3 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 1.337 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 117 Resp: 8755
Ion Ratio Lower Upper
117 100
119 86.1 76.2 114.4
121 35.3 23.8 35.6

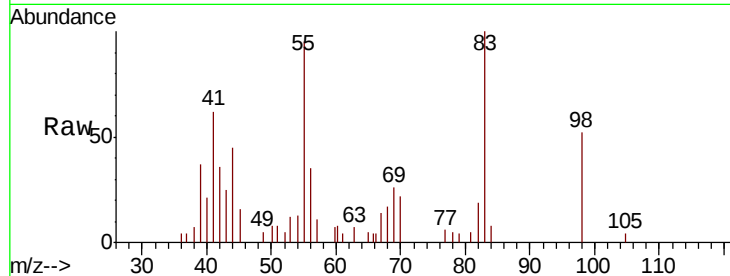




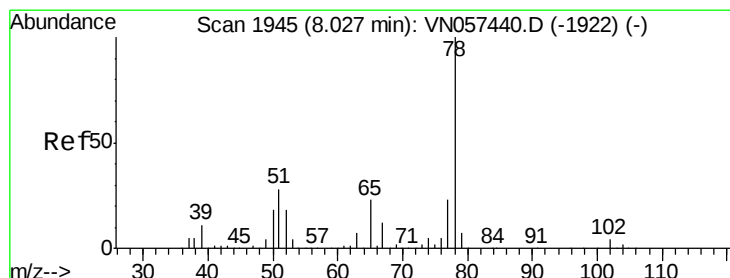
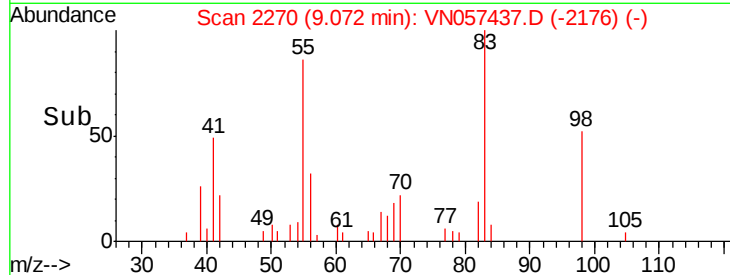
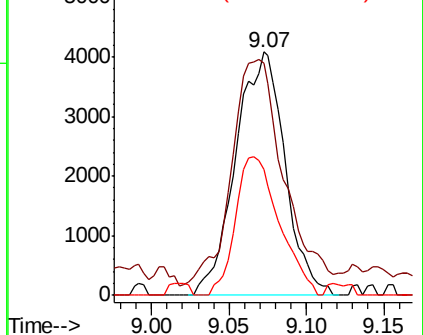
#39
Methylcyclohexane
Concen: 1.211 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 83 Resp: 9040
Ion Ratio Lower Upper
83 100
55 90.0 68.6 102.8
98 47.5 36.6 54.8

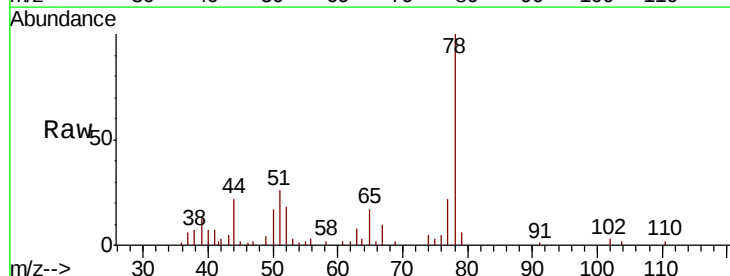


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

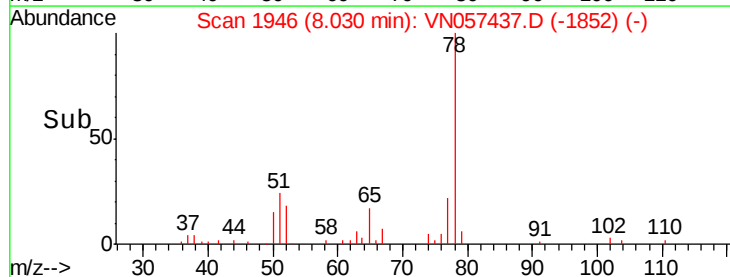
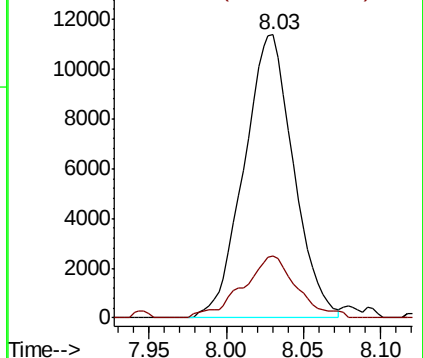


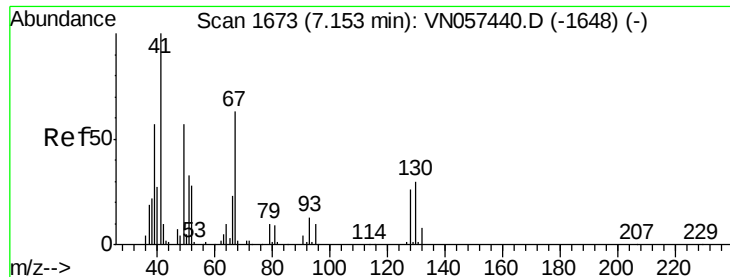
#40
Benzene
Concen: 1.309 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 78 Resp: 25327
Ion Ratio Lower Upper
78 100
77 22.1 18.5 27.7



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

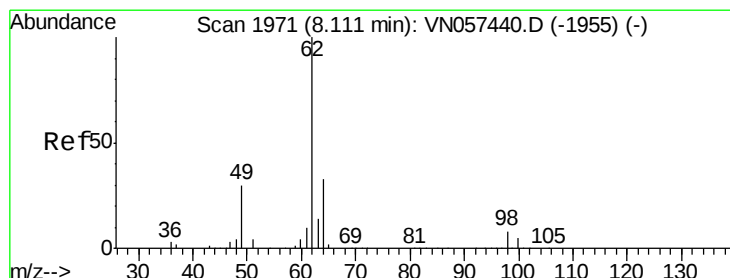
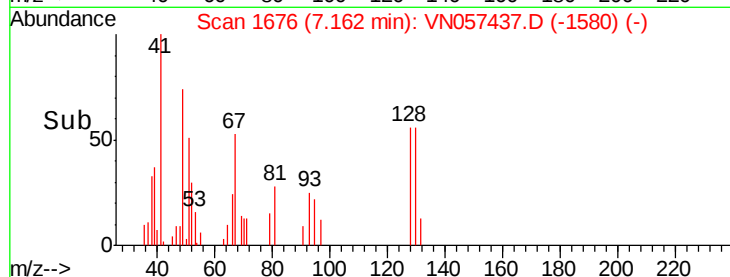
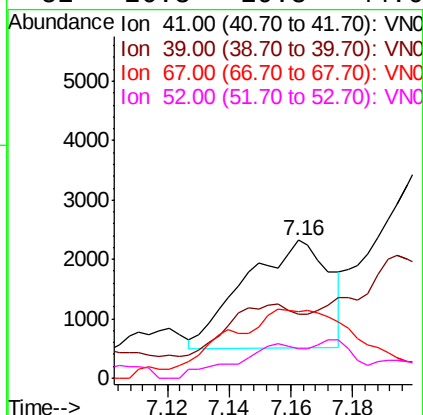
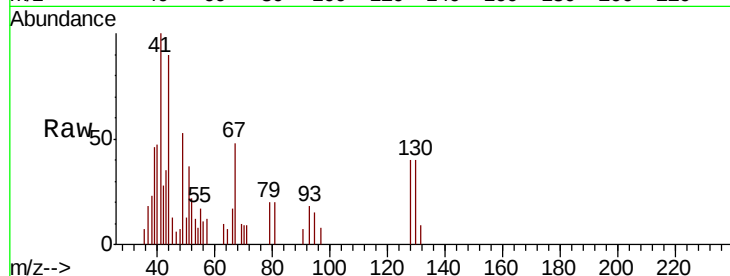




#41
Methacrylonitrile
Concen: 1.408 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

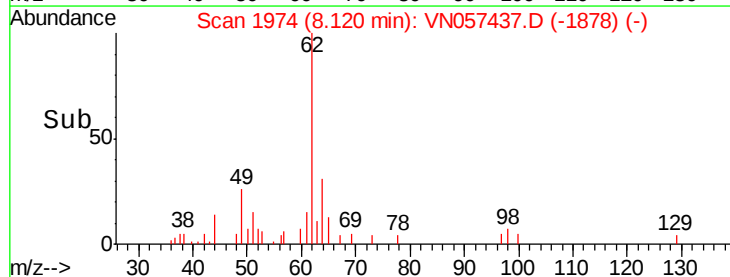
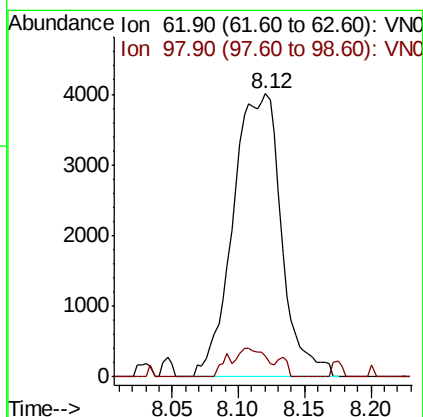
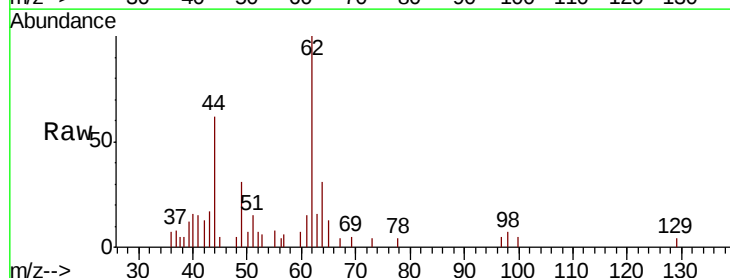
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

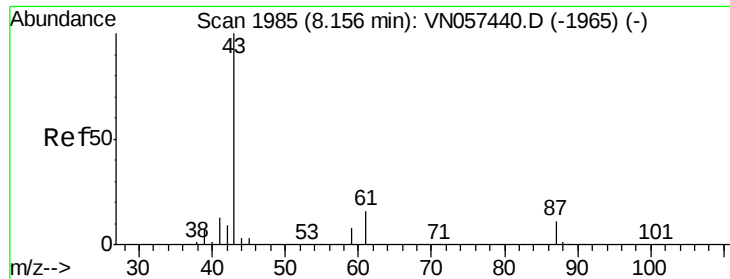
Tgt Ion: 41 Resp: 3440
Ion Ratio Lower Upper
41 100
39 37.9 53.6 80.4#
67 53.0 65.4 98.2#
52 26.3 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 1.546 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 62 Resp: 10161
Ion Ratio Lower Upper
62 100
98 1.4 0.0 15.4





#43

Isopropyl Acetate

Concen: 1.293 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

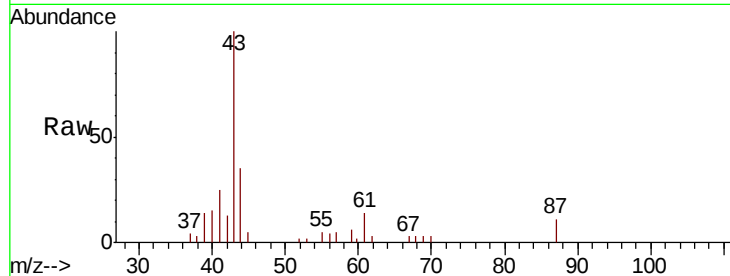
Tgt Ion: 43 Resp: 14883

Ion Ratio Lower Upper

43 100

61 2.7 14.5 21.7#

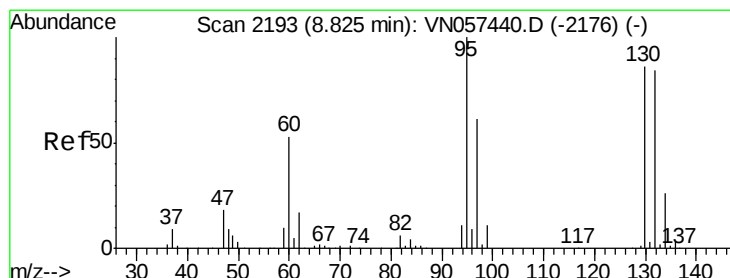
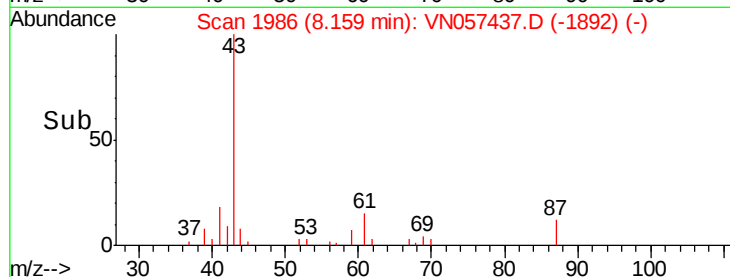
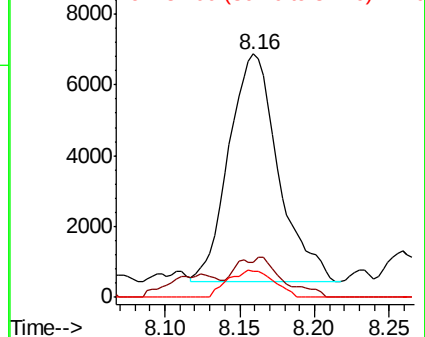
87 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#44

Trichloroethene

Concen: 1.004 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057437.D

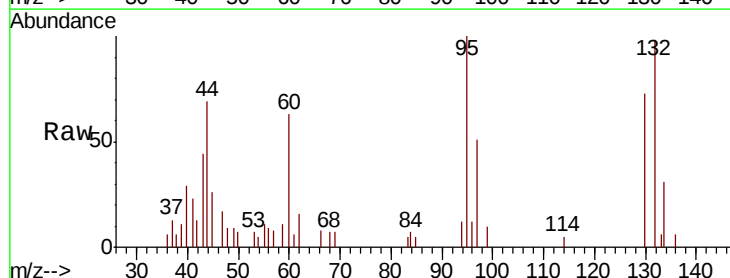
Acq: 22 Aug 2019 17:01

Tgt Ion: 130 Resp: 5300

Ion Ratio Lower Upper

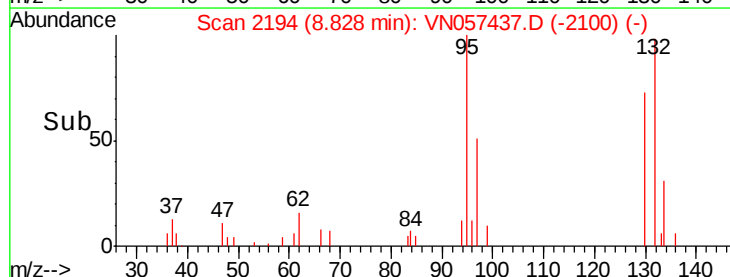
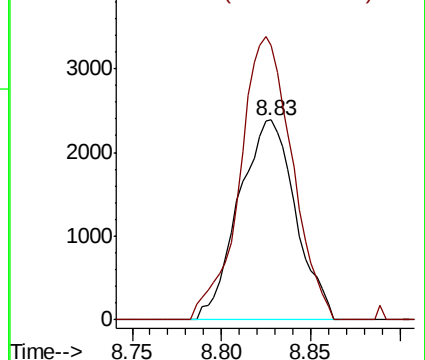
130 100

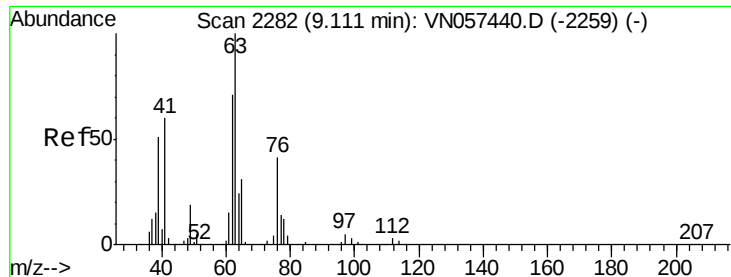
95 137.5 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): VN057440.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN057440.D (-2176) (-)





#45

1,2-Dichloropropane

Concen: 1.405 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

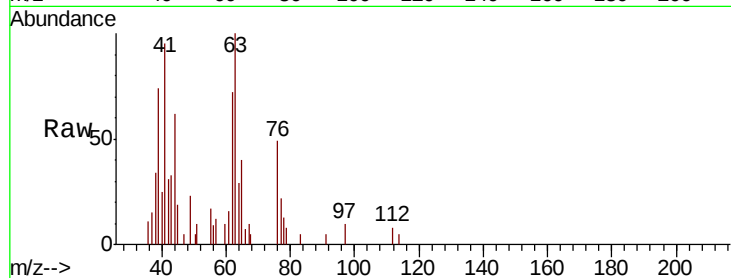
VSTDIC001

Tgt Ion: 63 Resp: 7101

Ion Ratio Lower Upper

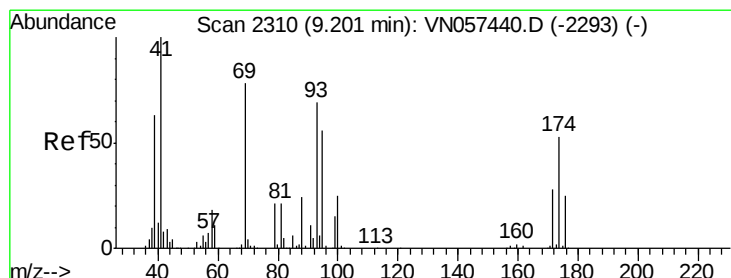
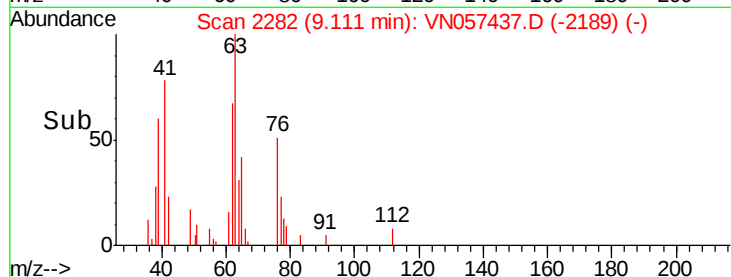
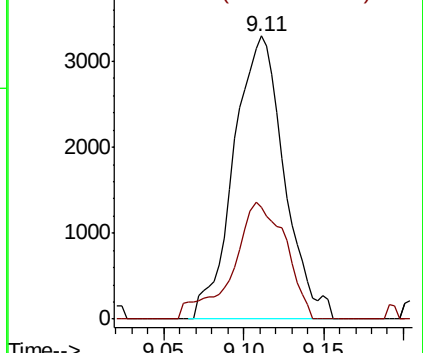
63 100

65 39.6 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 1.528 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

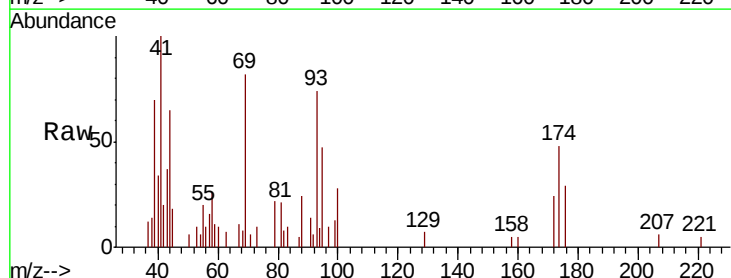
Tgt Ion: 93 Resp: 5099

Ion Ratio Lower Upper

93 100

95 70.1 64.7 97.1

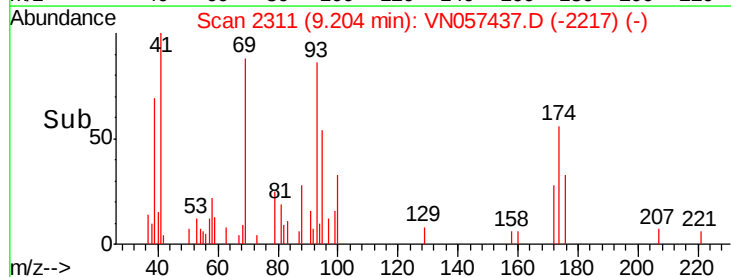
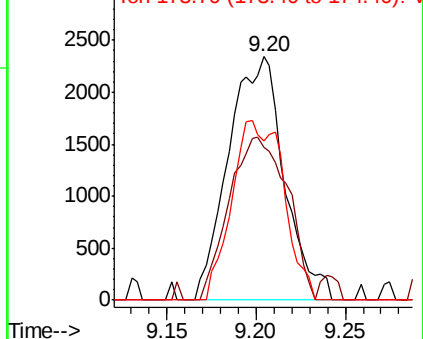
174 68.7 62.3 93.5

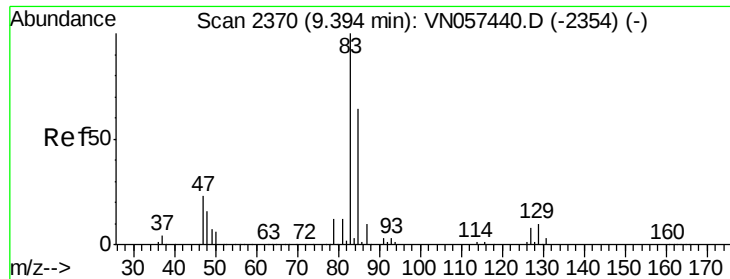


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.454 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

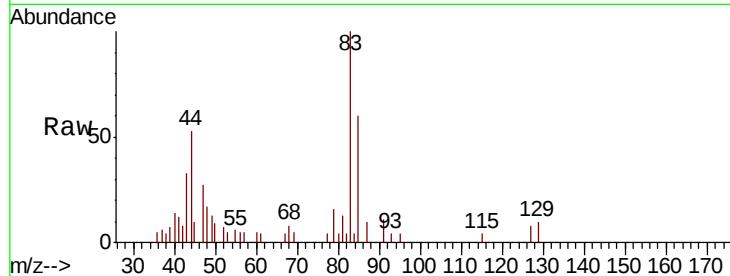
Tgt Ion: 83 Resp: 9694

Ion Ratio Lower Upper

83 100

85 60.0 51.2 76.8

127 8.1 6.6 10.0

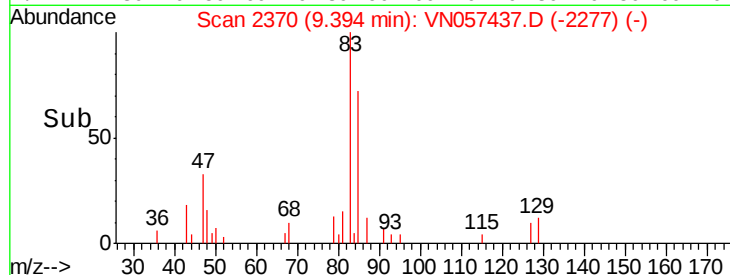


Abundance Ion 82.90 (82.60 to 83.60): VN057440.D (-2354) (-)

Ion 84.90 (84.60 to 85.60): VN057440.D (-2354) (-)

Ion 126.80 (126.50 to 127.50): VN057440.D (-2354) (-)

Time-->

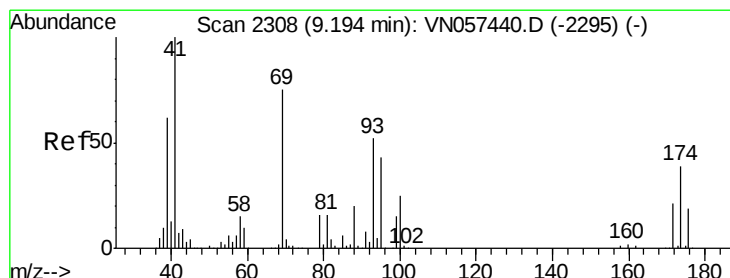


Abundance Ion 82.90 (82.60 to 83.60): VN057437.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN057437.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN057437.D (-2277) (-)

Time-->



#48

Methyl methacrylate

Concen: 1.583 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

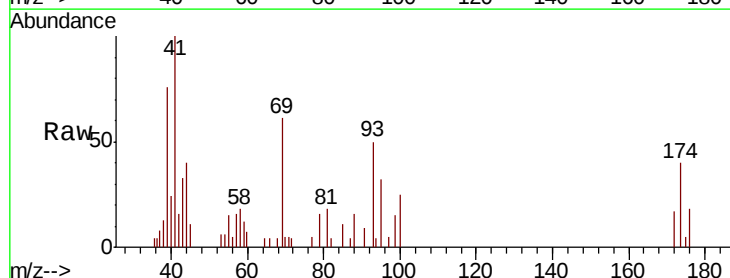
Tgt Ion: 41 Resp: 7100

Ion Ratio Lower Upper

41 100

69 91.4 59.3 88.9#

39 75.4 50.6 75.8

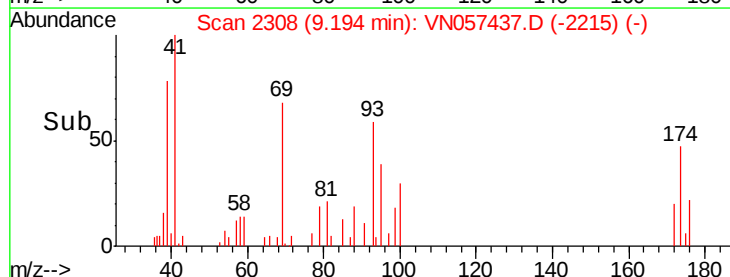


Abundance Ion 41.00 (40.70 to 41.70): VN057440.D (-2295) (-)

Ion 69.00 (68.70 to 69.70): VN057440.D (-2295) (-)

Ion 39.00 (38.70 to 39.70): VN057440.D (-2295) (-)

Time-->

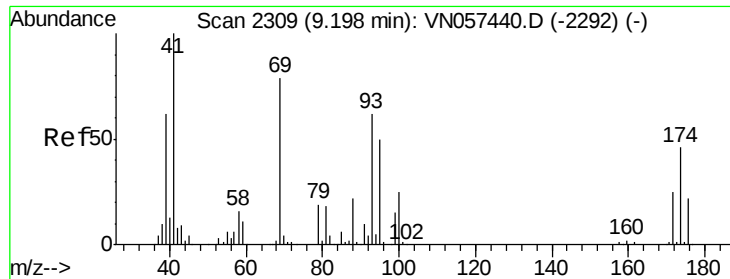


Abundance Ion 41.00 (40.70 to 41.70): VN057437.D (-2215) (-)

Ion 69.00 (68.70 to 69.70): VN057437.D (-2215) (-)

Ion 39.00 (38.70 to 39.70): VN057437.D (-2215) (-)

Time-->



#49

1,4-Dioxane

Concen: 19.904 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

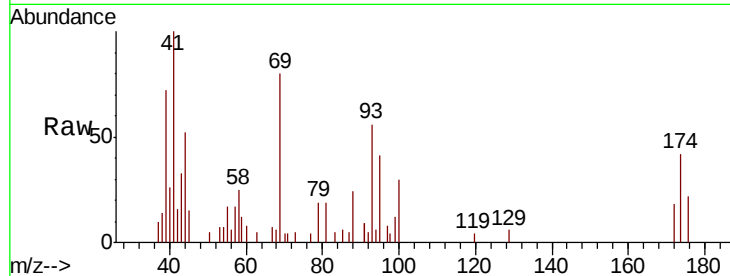
Tgt Ion: 88 Resp: 1709

Ion Ratio Lower Upper

88 100

43 79.3 31.0 46.6#

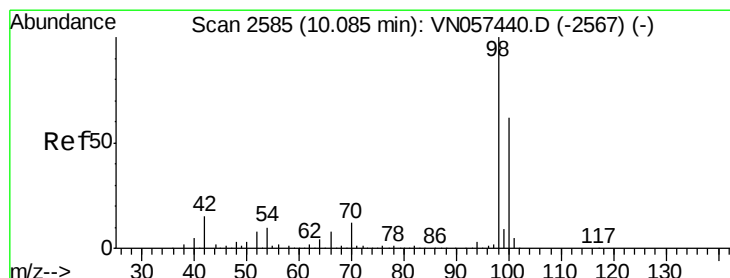
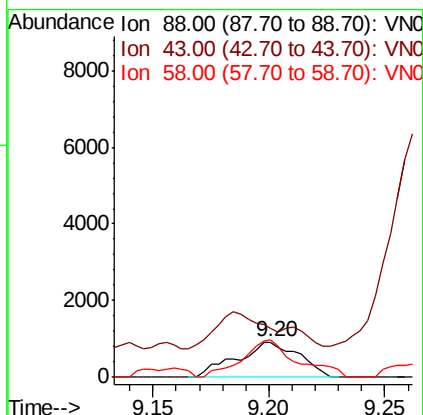
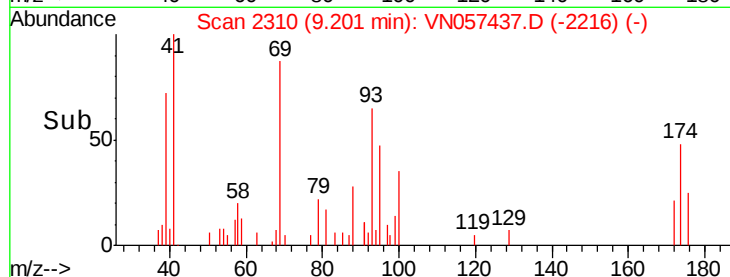
58 93.2 64.5 96.7



Abundance Ion 88.00 (87.70 to 88.70): VN057440.D (-2292) (-)

Ion 43.00 (42.70 to 43.70): VN057440.D (-2292) (-)

Ion 58.00 (57.70 to 58.70): VN057440.D (-2292) (-)



#50

Toluene-d8

Concen: 1.028 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057437.D

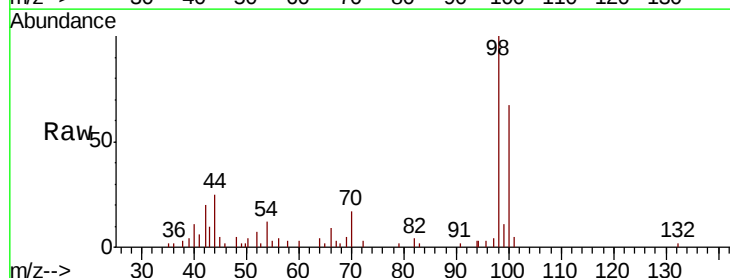
Acq: 22 Aug 2019 17:01

Tgt Ion: 98 Resp: 17740

Ion Ratio Lower Upper

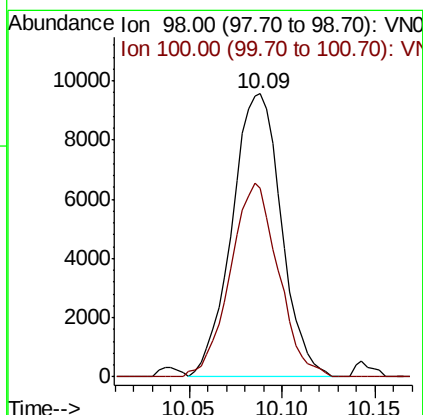
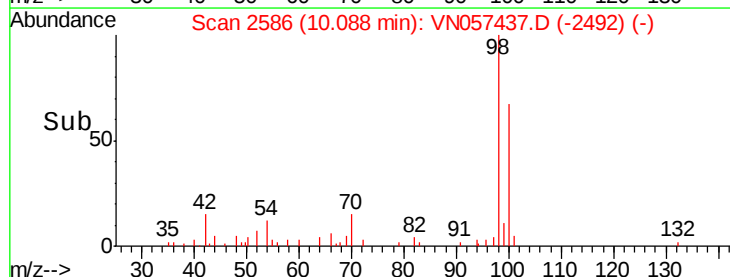
98 100

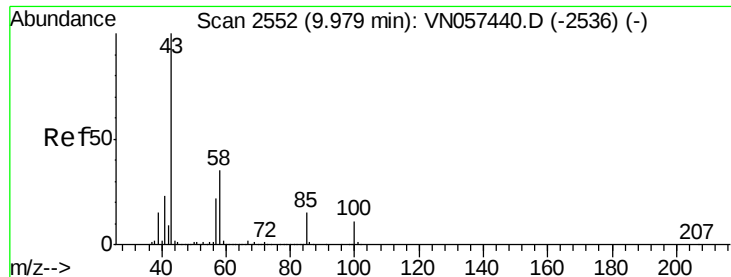
100 66.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 6.921 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

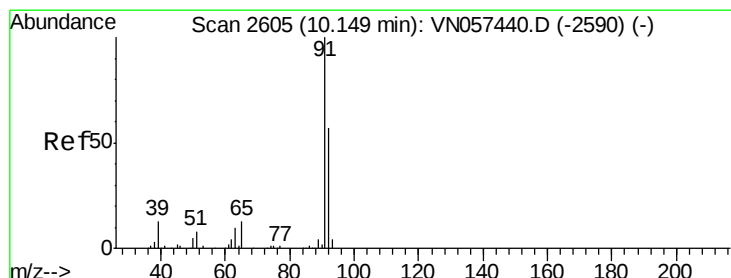
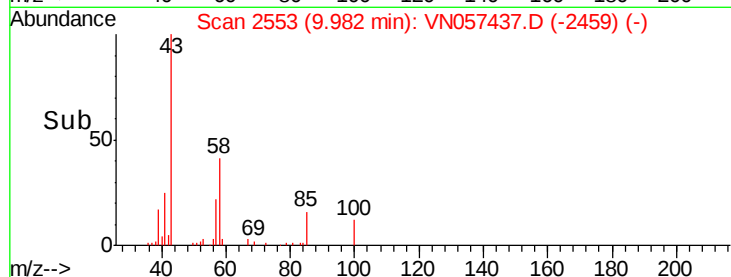
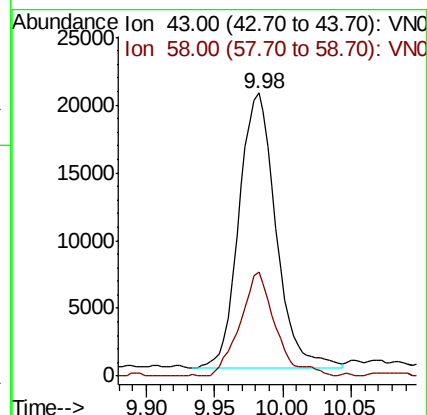
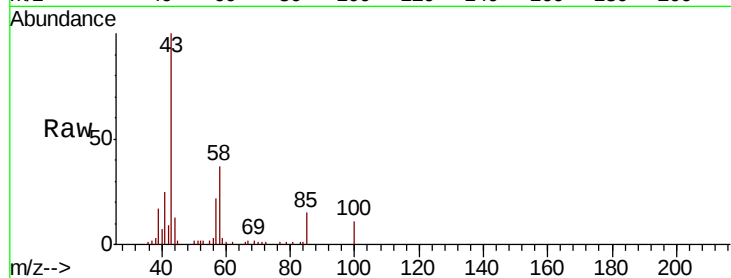
VSTDIC001

Tgt Ion: 43 Resp: 38458

Ion Ratio Lower Upper

43 100

58 35.9 27.9 41.9



#52

Toluene

Concen: 1.086 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057437.D

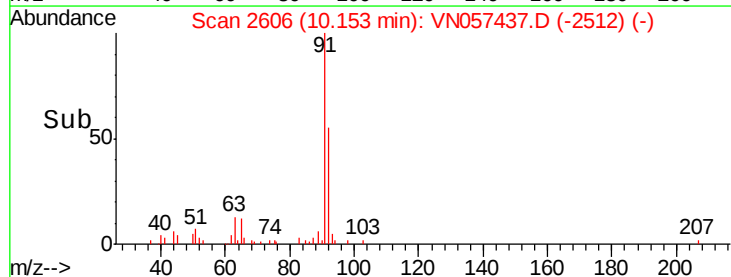
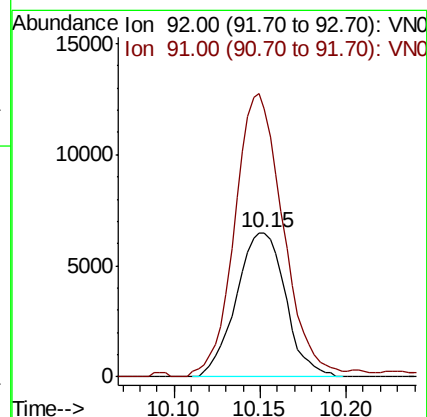
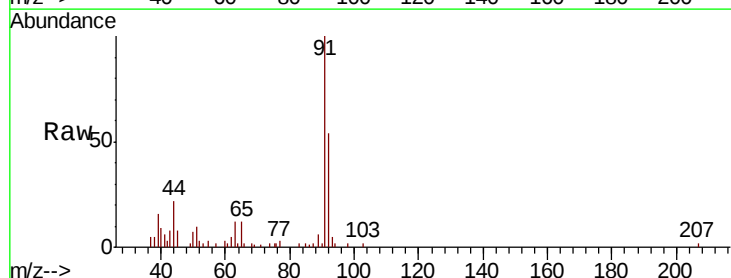
Acq: 22 Aug 2019 17:01

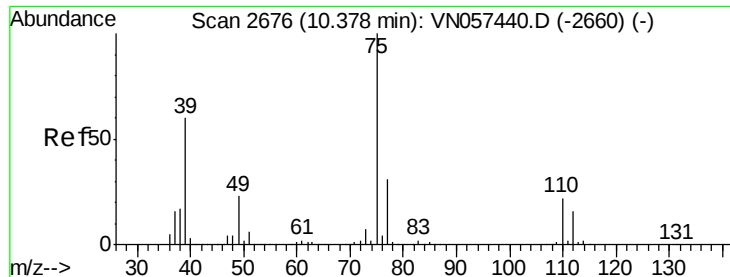
Tgt Ion: 92 Resp: 12933

Ion Ratio Lower Upper

92 100

91 193.5 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 1.314 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

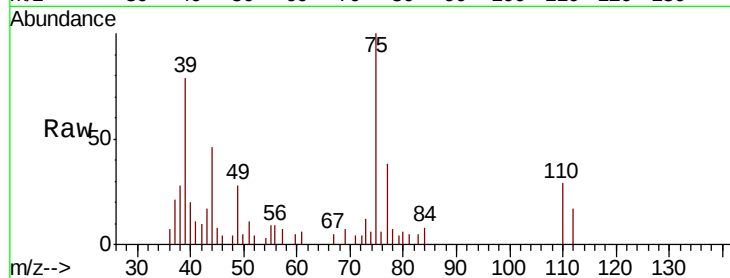
VSTDIC001

Tgt Ion: 75 Resp: 9435

Ion Ratio Lower Upper

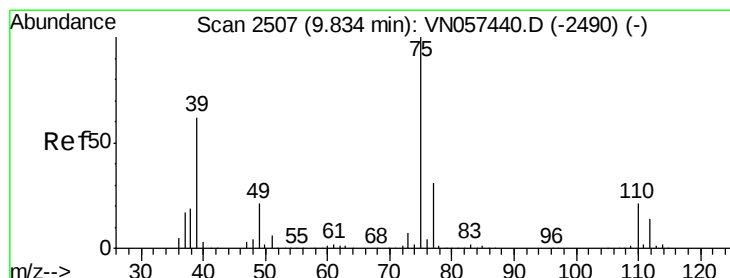
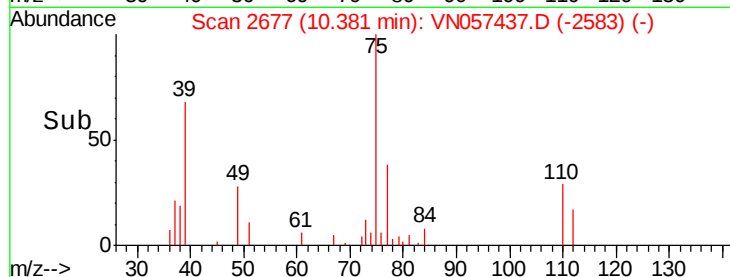
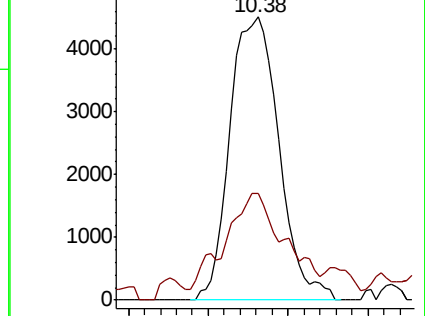
75 100

77 34.0 25.0 37.6



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: 1.418 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

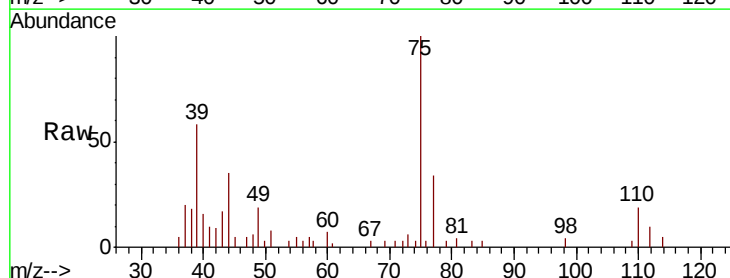
Tgt Ion: 75 Resp: 11193

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

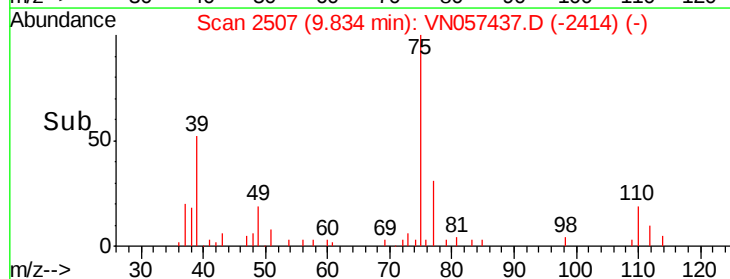
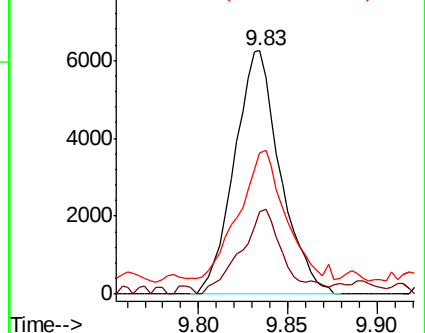
39 51.5 49.2 73.8

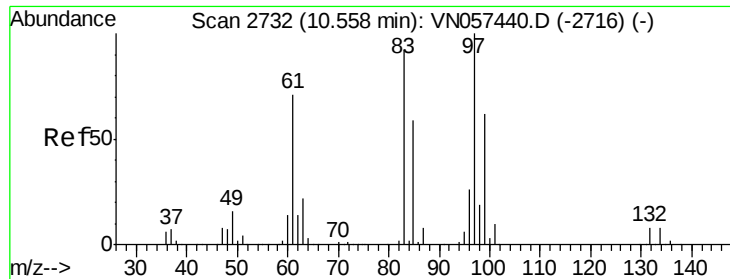


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

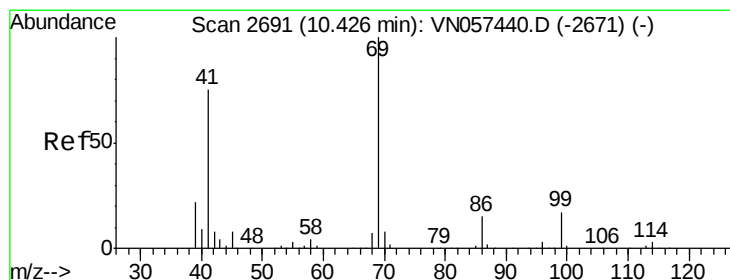
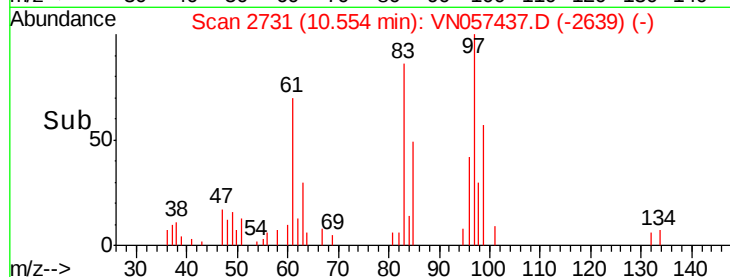
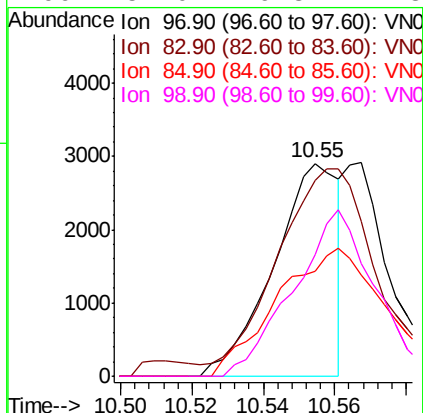
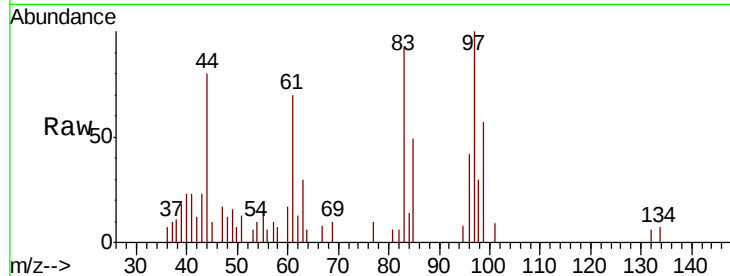




#55
 1,1,2-Trichloroethane
 Concen: 0.781 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

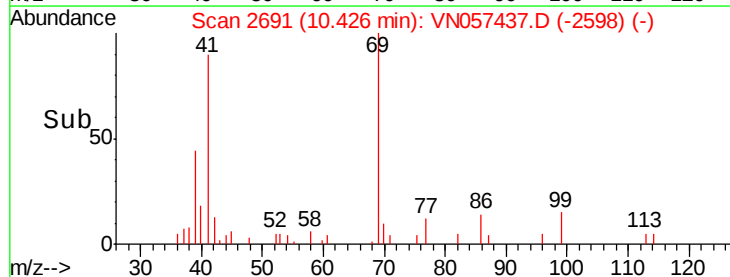
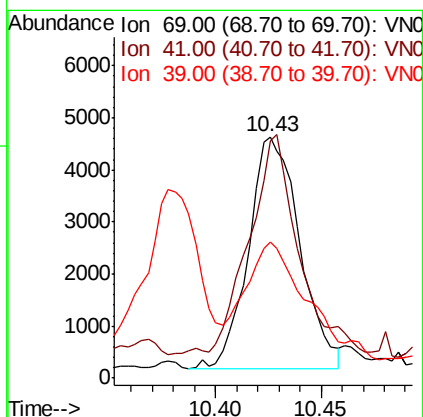
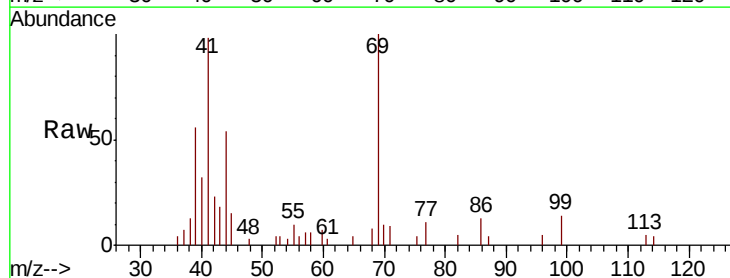
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

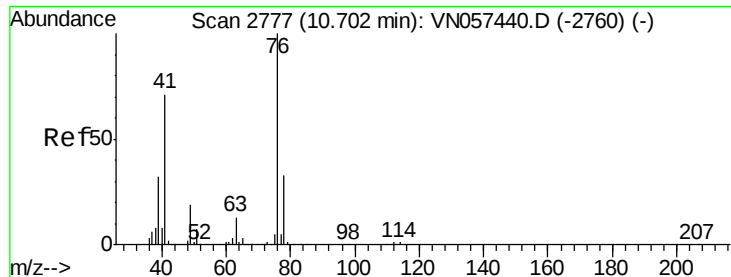
Tgt Ion: 97 Resp: 3654
 Ion Ratio Lower Upper
 97 100
 83 85.9 73.7 110.5
 85 49.0 46.8 70.2
 99 57.0 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 1.082 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion: 69 Resp: 7504
 Ion Ratio Lower Upper
 69 100
 41 91.7 60.8 91.2#
 39 61.7 36.5 54.7#





#57

1,3-Dichloropropane

Concen: 1.228 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

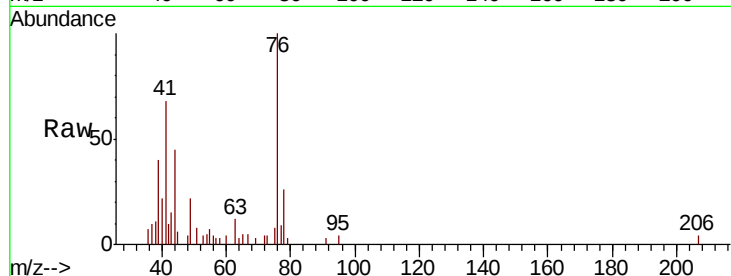
VSTDIC001

Tgt Ion: 76 Resp: 9721

Ion Ratio Lower Upper

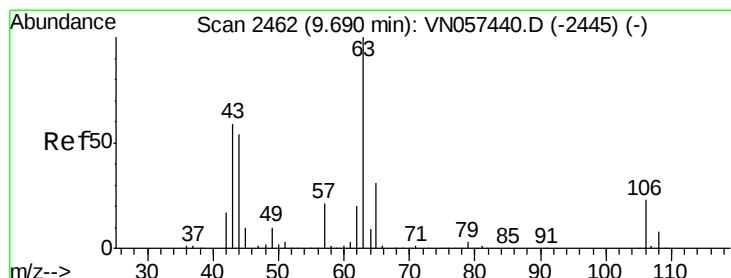
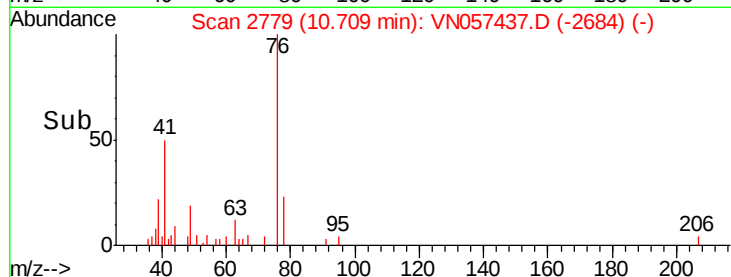
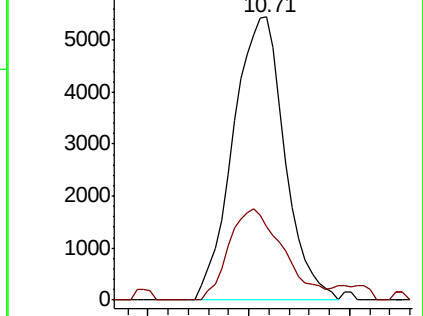
76 100

78 34.0 25.5 38.3



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: 3.828 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VN057437.D

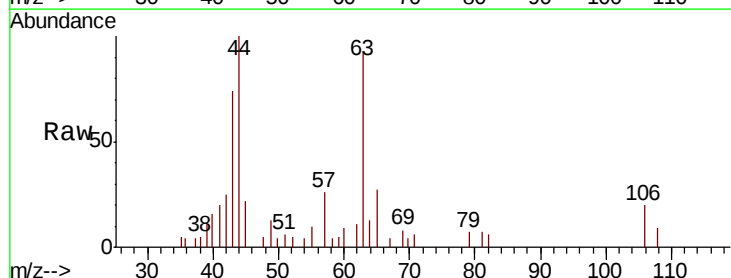
Acq: 22 Aug 2019 17:01

Tgt Ion: 63 Resp: 6812

Ion Ratio Lower Upper

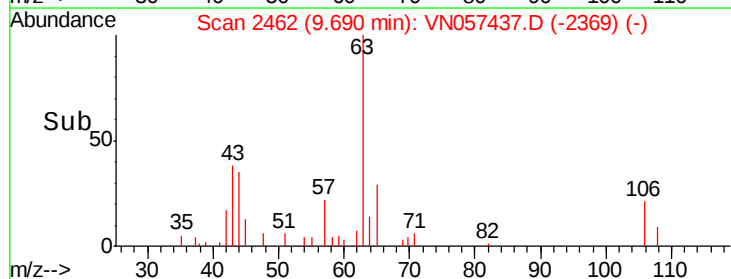
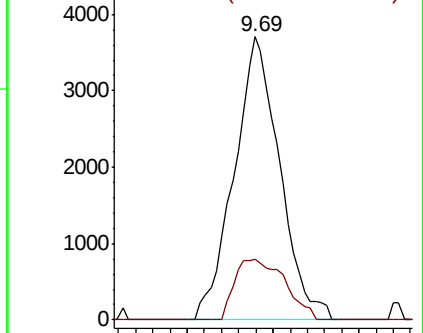
63 100

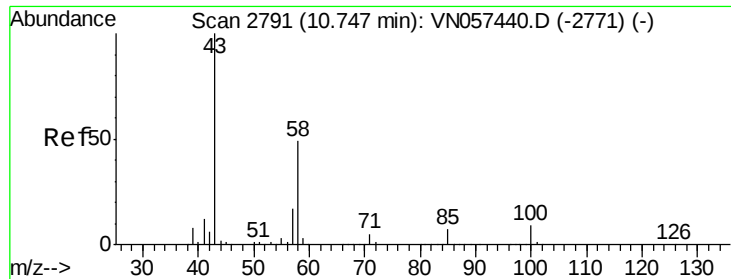
106 23.5 18.6 27.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

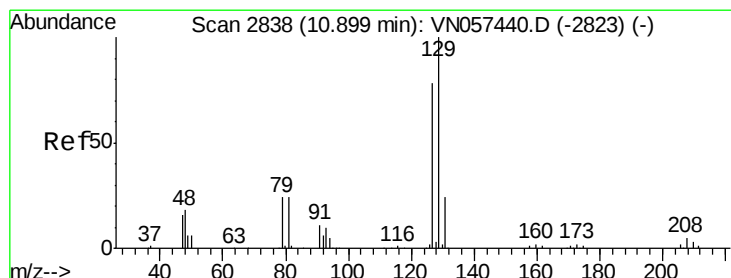
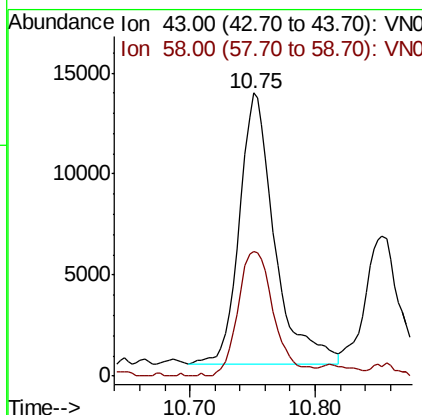
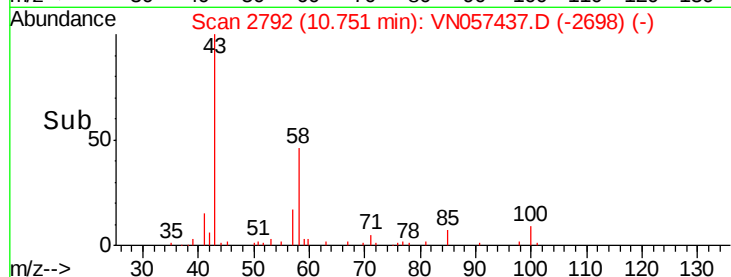
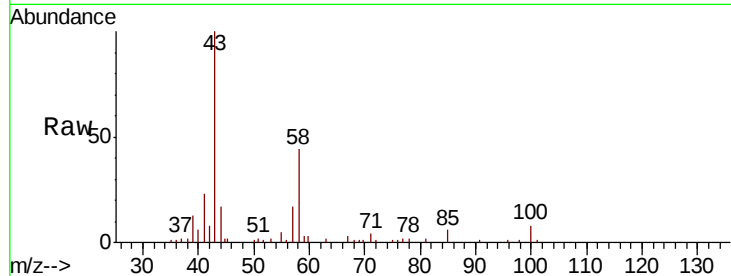




#59
2-Hexanone
Concen: 6.629 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

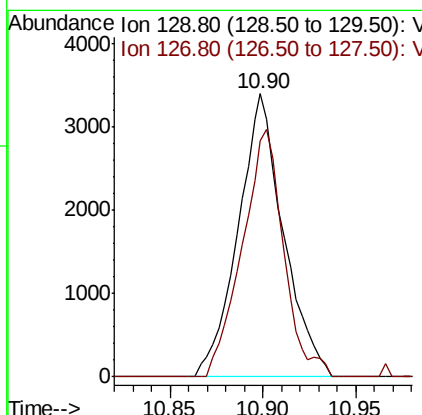
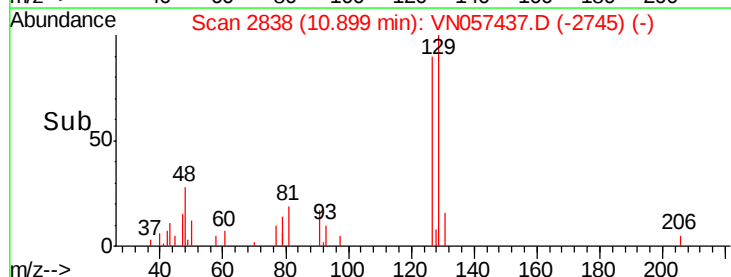
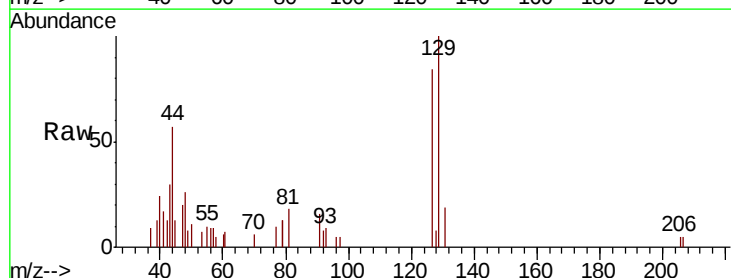
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

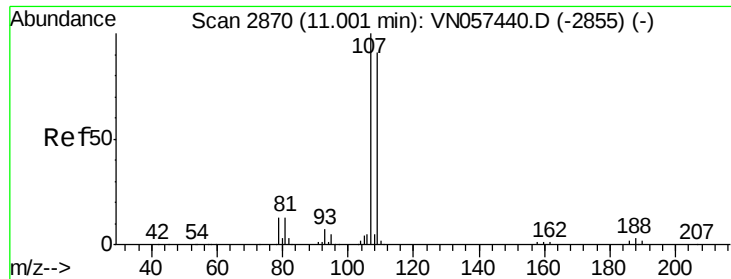
Tgt Ion: 43 Resp: 26168
Ion Ratio Lower Upper
43 100
58 47.0 24.6 73.6



#60
Dibromochloromethane
Concen: 1.110 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 129 Resp: 5767
Ion Ratio Lower Upper
129 100
127 80.0 39.0 116.9

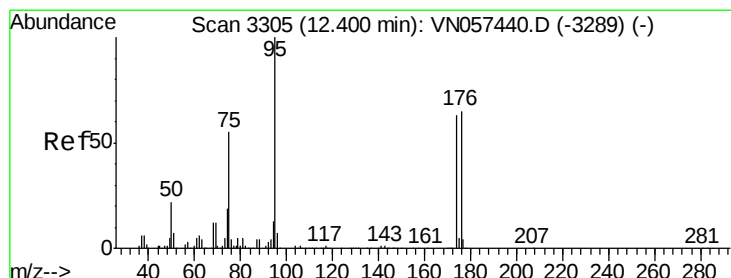
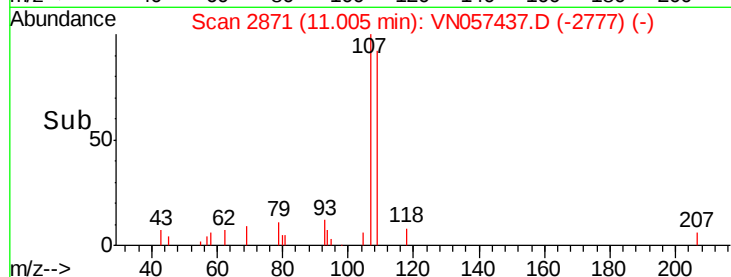
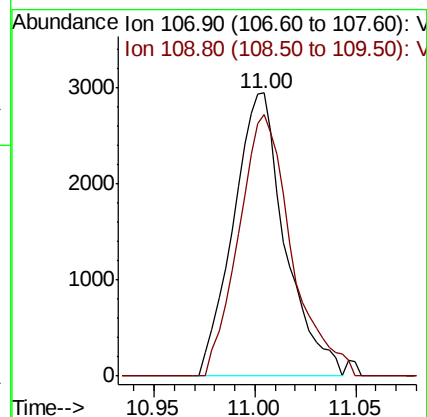
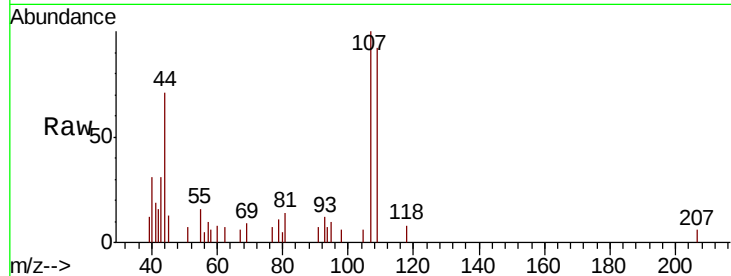




#61
 1,2-Dibromoethane
 Concen: 1.067 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

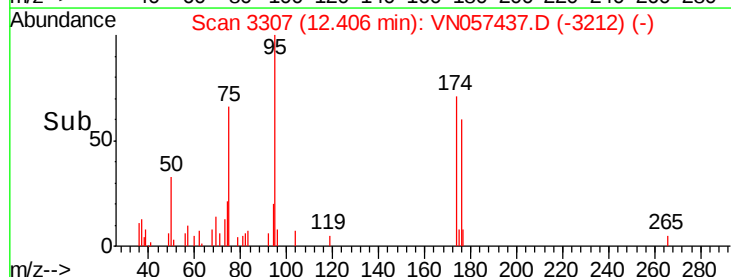
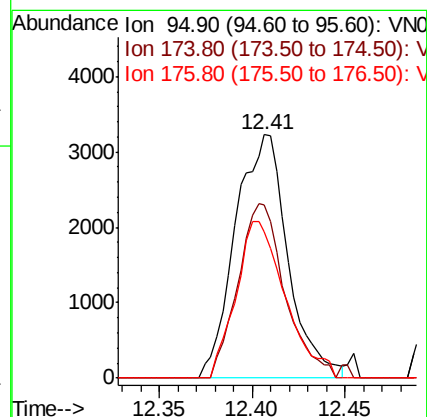
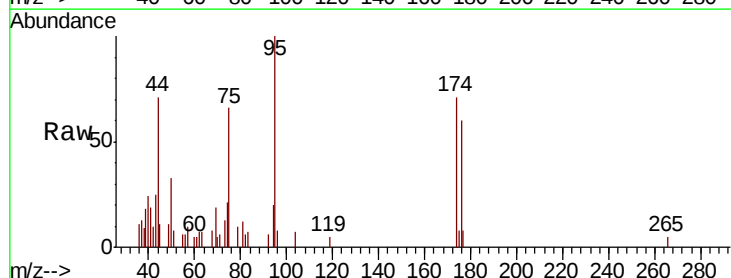
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

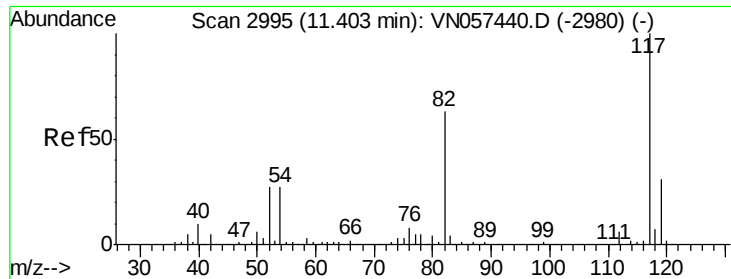
Tgt Ion: 107 Resp: 5284
 Ion Ratio Lower Upper
 107 100
 109 94.5 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 1.053 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.01 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion: 95 Resp: 6388
 Ion Ratio Lower Upper
 95 100
 174 63.9 0.0 133.0
 176 60.2 0.0 130.8

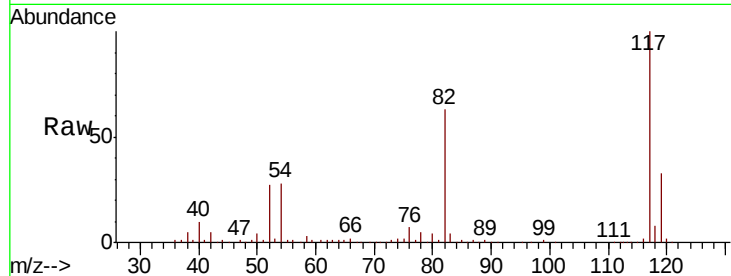




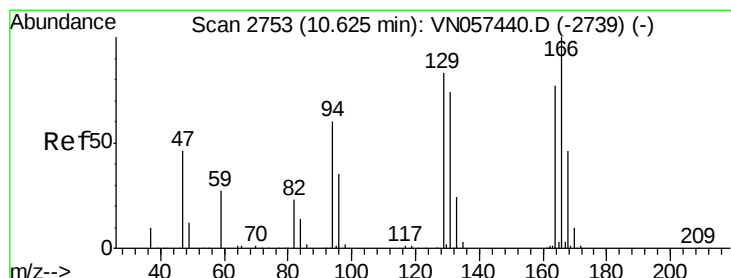
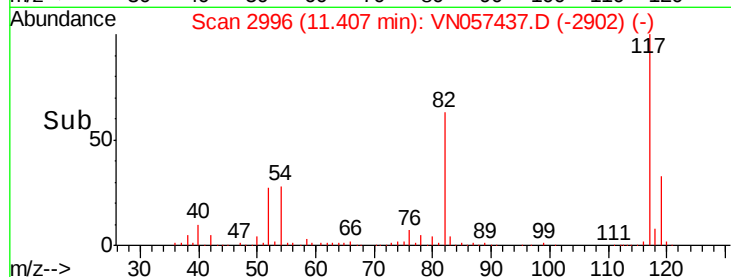
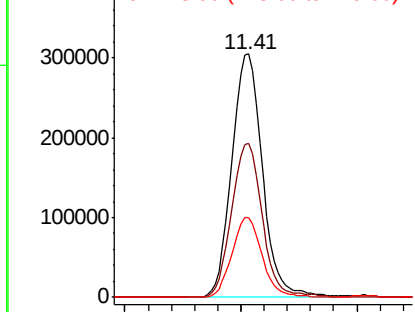
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 557354
Ion Ratio Lower Upper
117 100
82 63.1 50.6 75.8
119 32.6 24.6 36.8

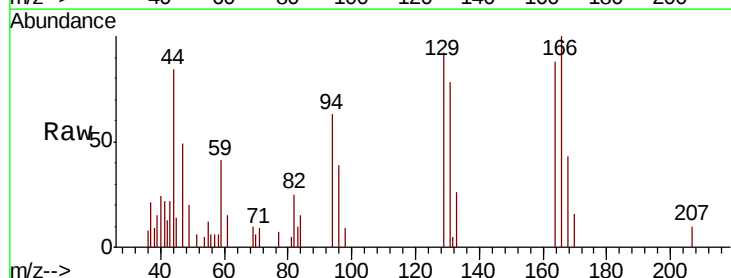


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

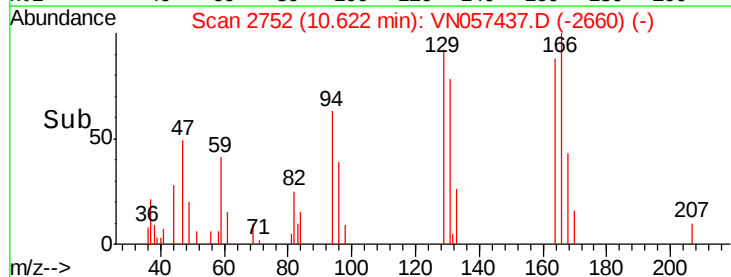
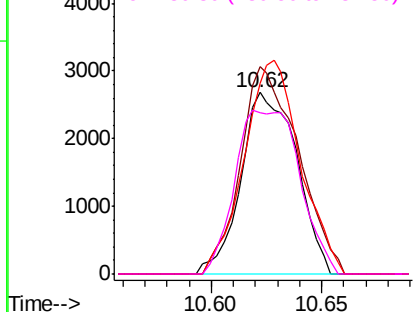


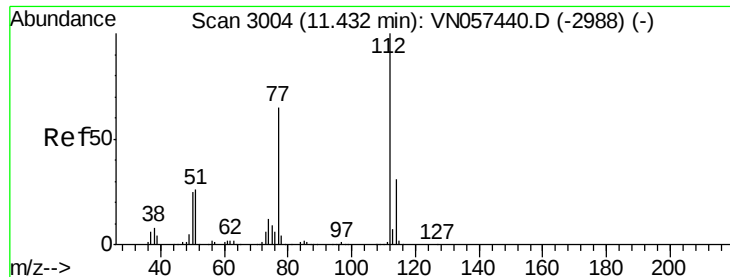
#64
Tetrachloroethene
Concen: 1.007 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion:164 Resp: 4703
Ion Ratio Lower Upper
164 100
166 114.2 104.4 156.6
129 104.8 86.6 130.0
131 88.8 77.6 116.4



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

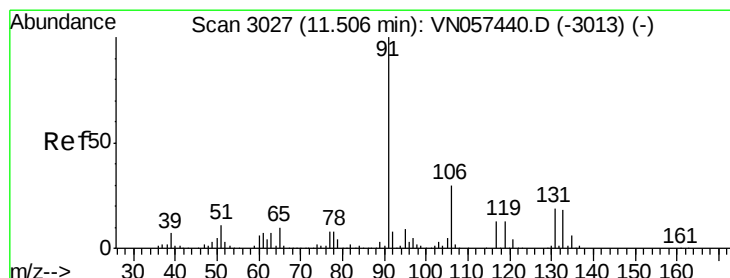
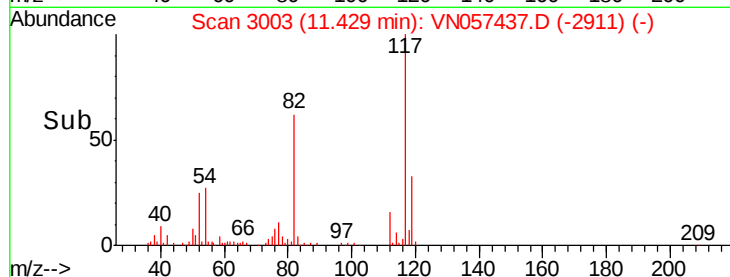
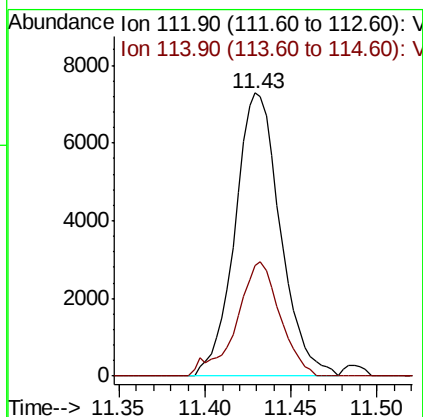
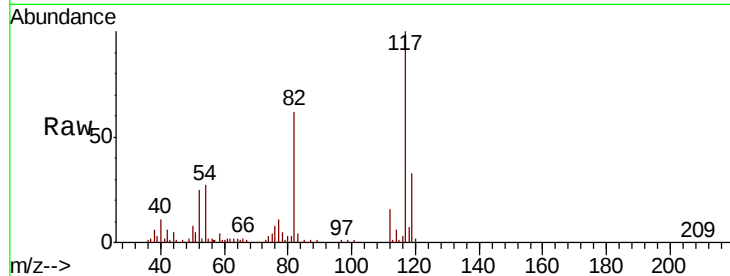




#65
Chlorobenzene
Concen: 1.181 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

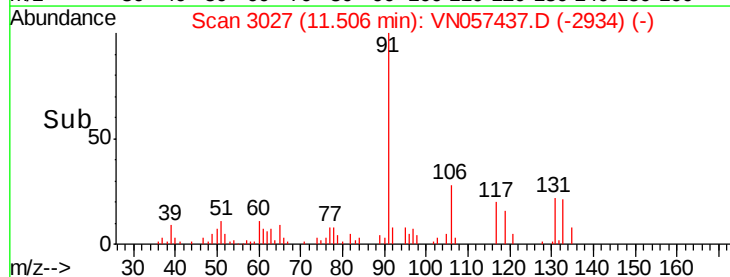
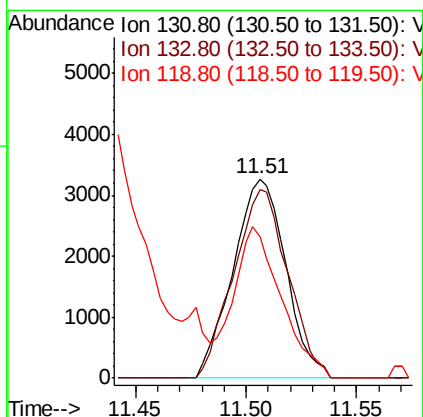
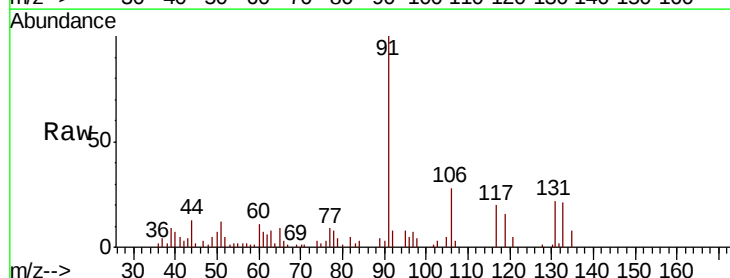
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

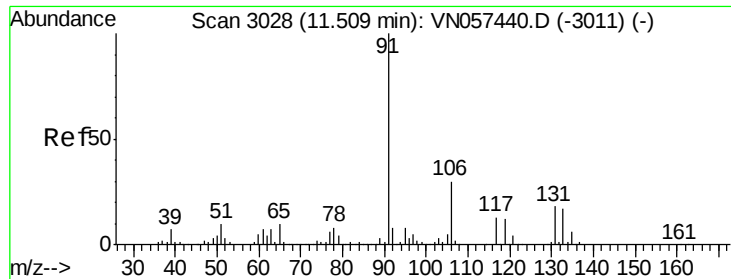
Tgt Ion:112 Resp: 13314
Ion Ratio Lower Upper
112 100
114 39.1 24.8 37.2#



#66
1,1,1,2-Tetrachloroethane
Concen: 1.262 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion:131 Resp: 5440
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.8
119 0.0 34.4 103.2#

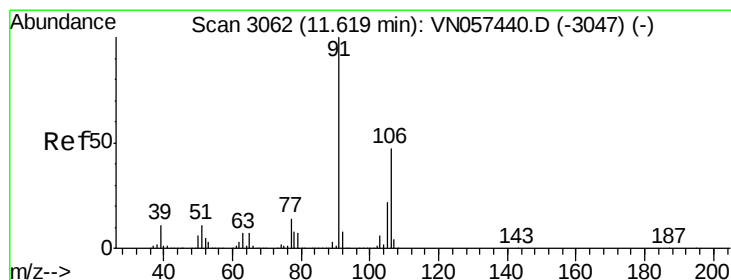
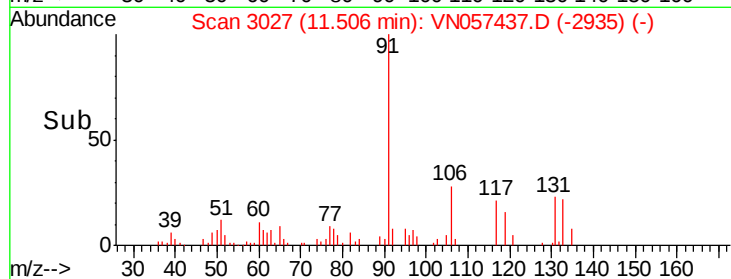
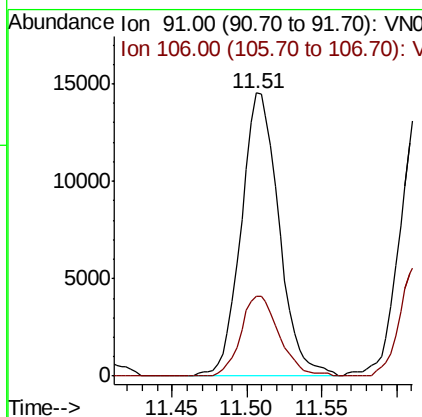
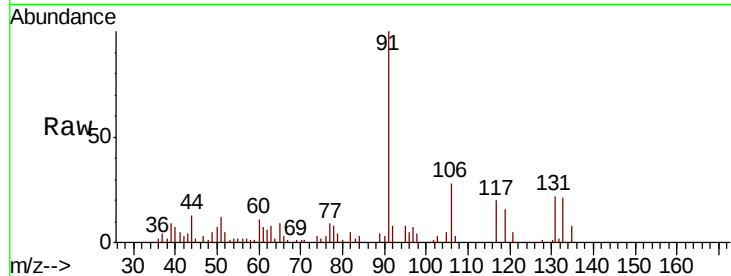




#67
Ethyl Benzene
Concen: 1.270 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

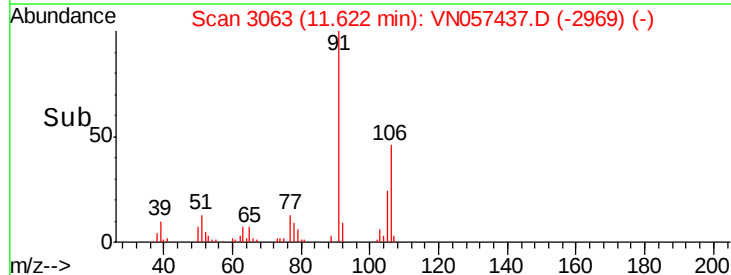
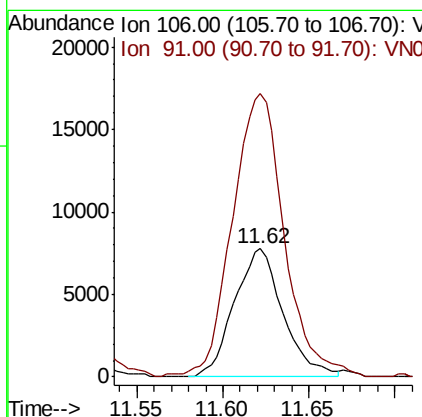
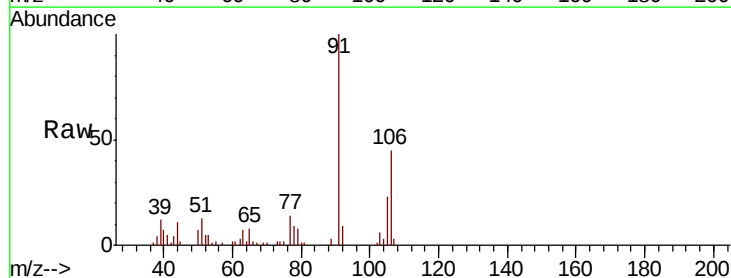
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

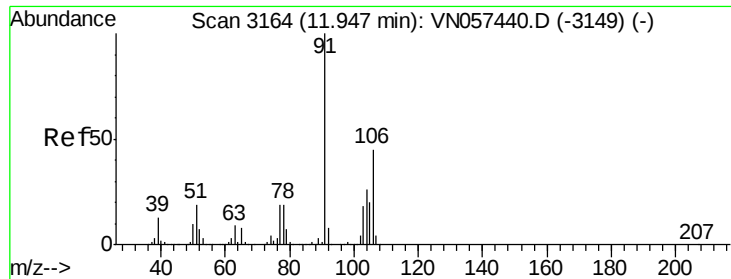
Tgt Ion: 91 Resp: 25580
Ion Ratio Lower Upper
91 100
106 28.0 24.1 36.1



#68
m/p-Xylenes
Concen: 2.085 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion: 106 Resp: 15285
Ion Ratio Lower Upper
106 100
91 235.7 171.8 257.6

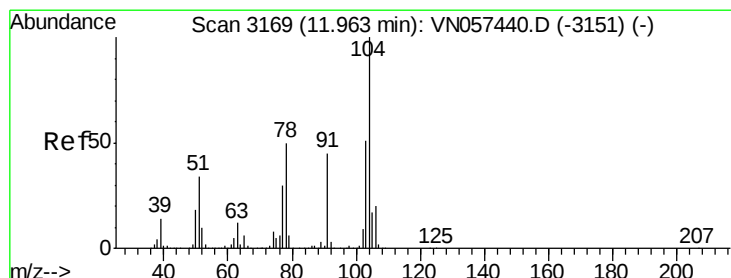
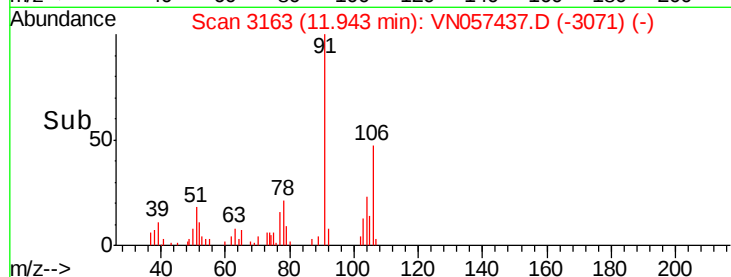
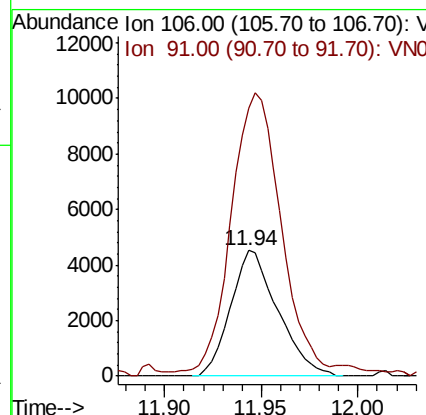
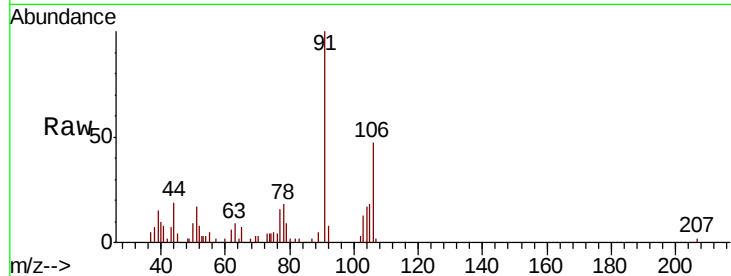




#69
o-Xylene
Concen: 1.067 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

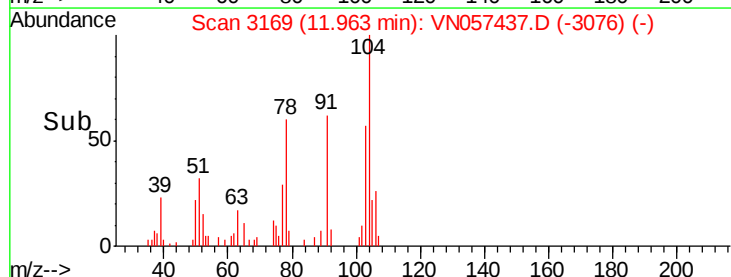
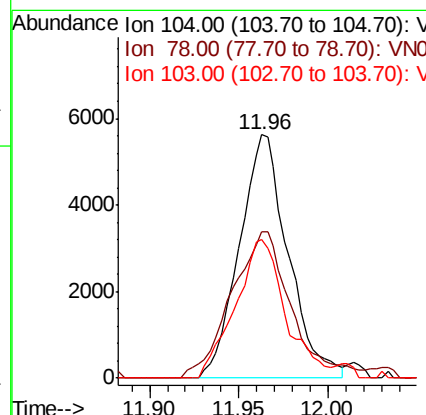
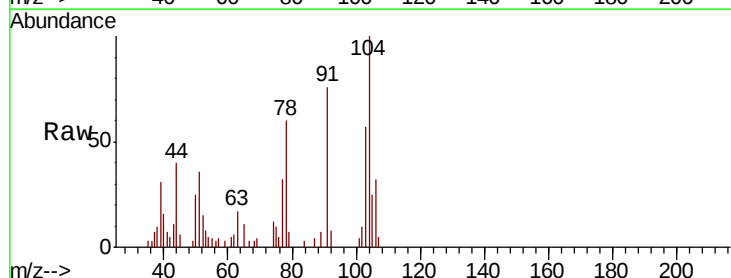
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

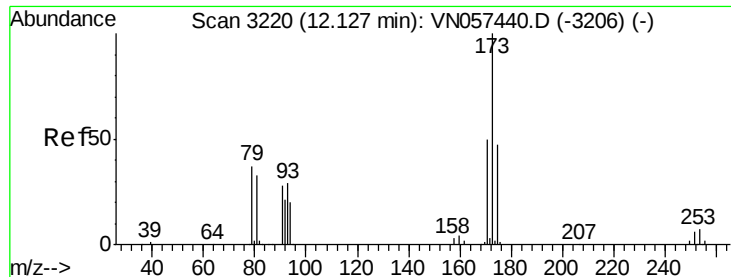
Tgt Ion:106 Resp: 7687
Ion Ratio Lower Upper
106 100
91 228.7 112.3 336.9



#70
Styrene
Concen: 0.933 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion:104 Resp: 10726
Ion Ratio Lower Upper
104 100
78 73.5 44.7 67.1#
103 58.7 44.4 66.6





#71

Bromoform

Concen: 1.001 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

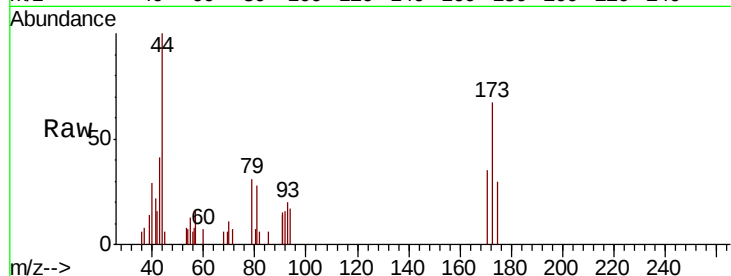
Tgt Ion:173 Resp: 3328

Ion Ratio Lower Upper

173 100

175 41.3 23.9 71.8

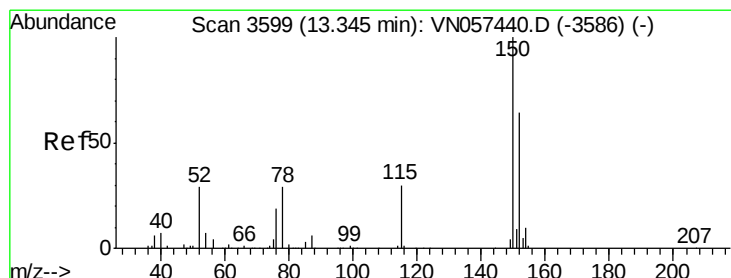
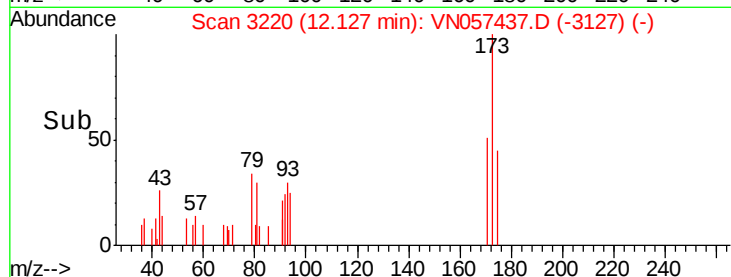
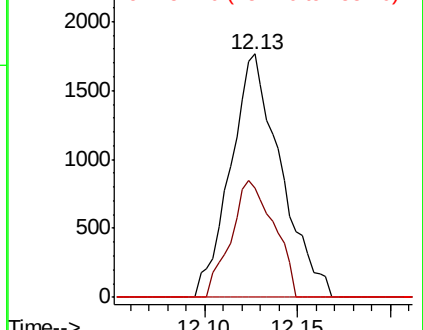
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

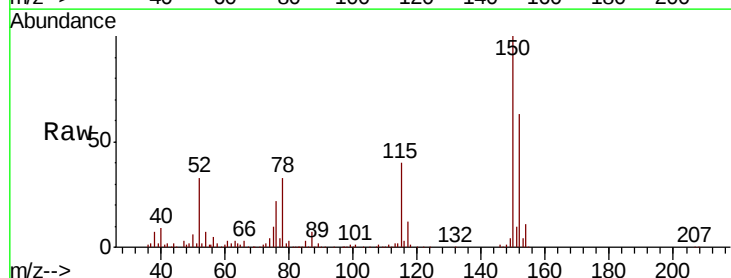
Tgt Ion:152 Resp: 131602

Ion Ratio Lower Upper

152 100

115 61.8 32.0 96.0

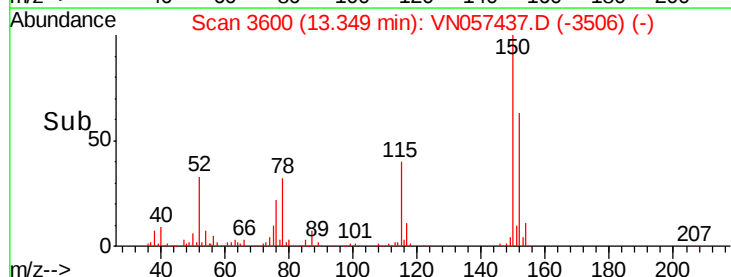
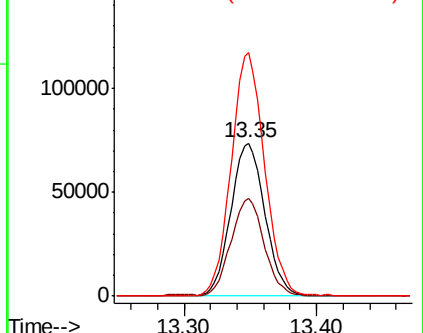
150 154.7 0.0 346.6

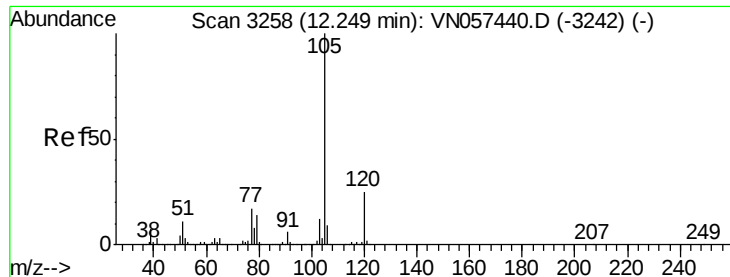


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.656 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

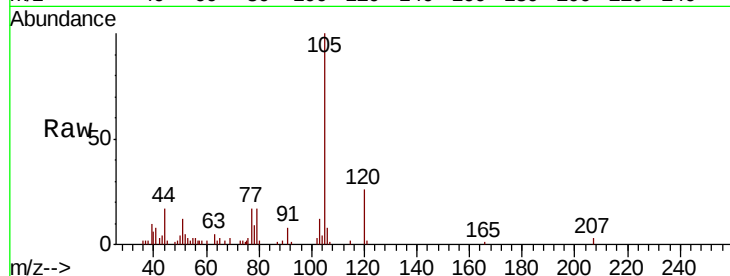
VSTDIC001

Tgt Ion:105 Resp: 21377

Ion Ratio Lower Upper

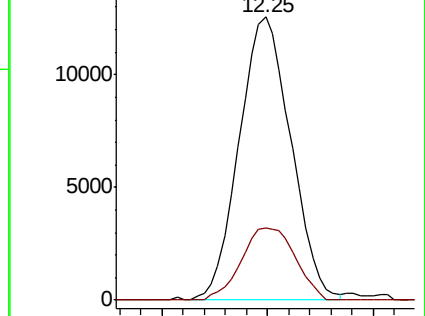
105 100

120 26.6 12.7 38.0

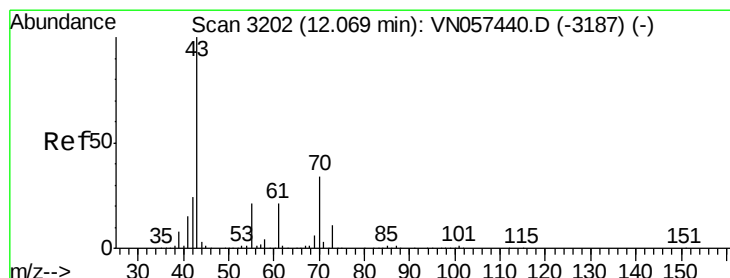
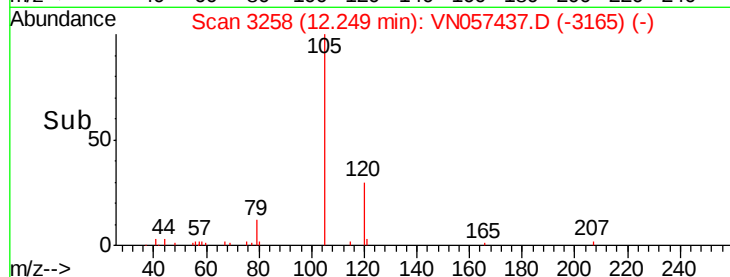


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 2.135 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Tgt Ion: 43 Resp: 8887

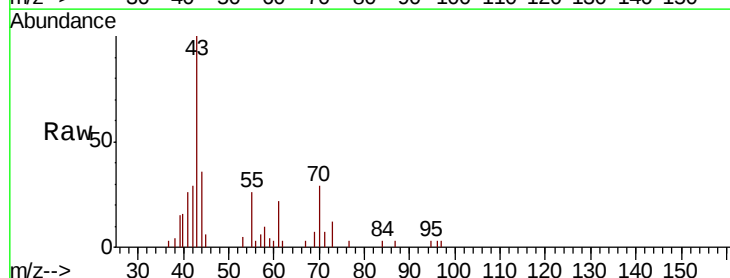
Ion Ratio Lower Upper

43 100

70 43.1 27.8 41.6#

55 22.5 17.0 25.4

61 21.3 17.0 25.6

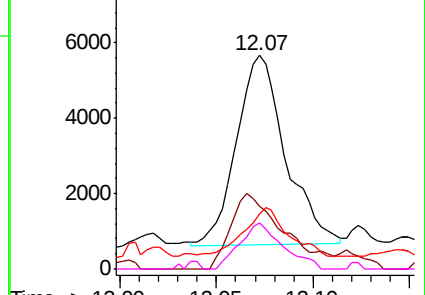


Abundance Ion 43.00 (42.70 to 43.70): V

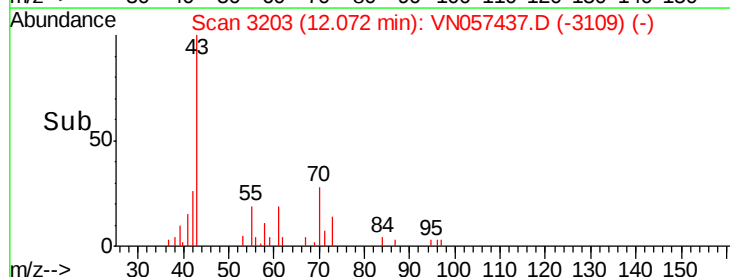
Ion 70.00 (69.70 to 70.70): V

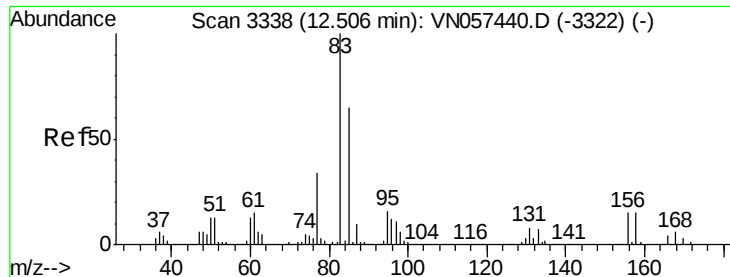
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.732 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

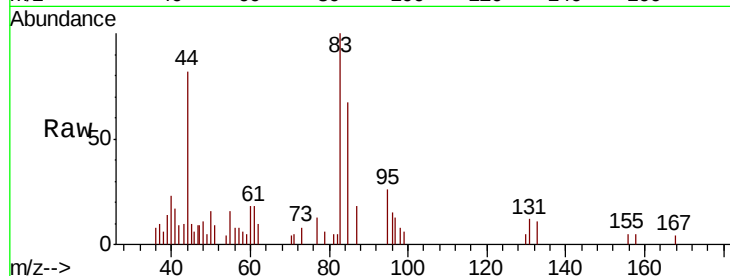
Tgt Ion: 83 Resp: 6535

Ion Ratio Lower Upper

83 100

131 9.0 4.3 13.1

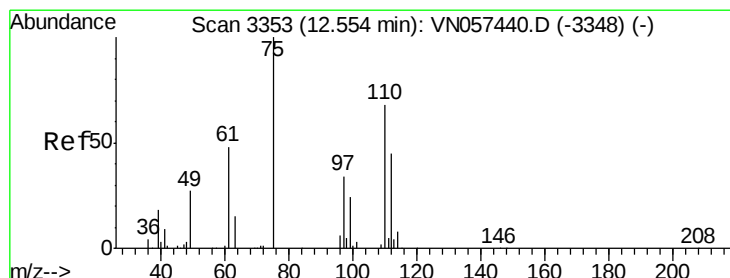
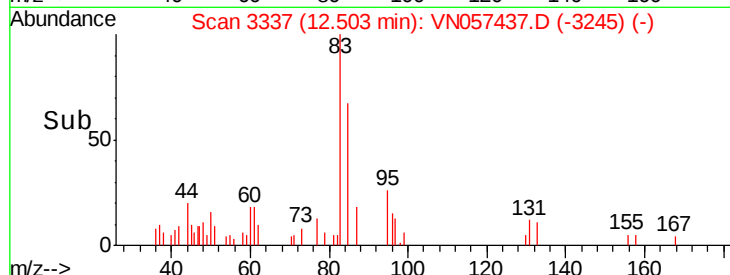
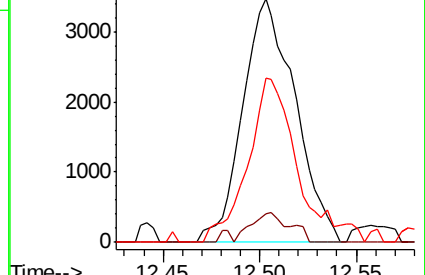
85 61.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN057440.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN057440.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN057440.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 2.301 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057437.D

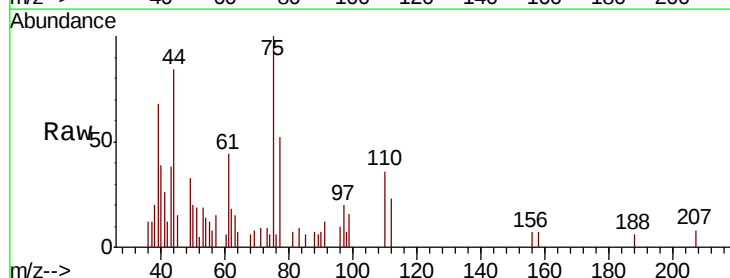
Acq: 22 Aug 2019 17:01

Tgt Ion: 75 Resp: 7446

Ion Ratio Lower Upper

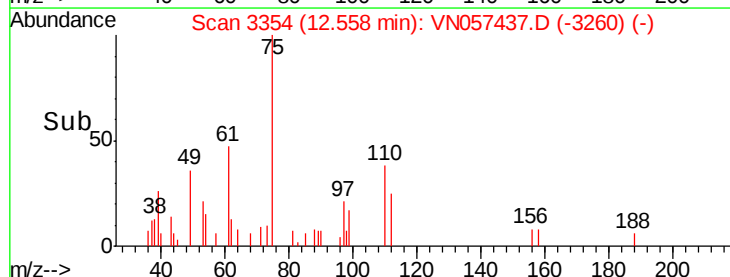
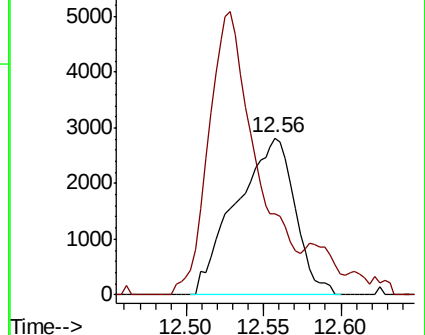
75 100

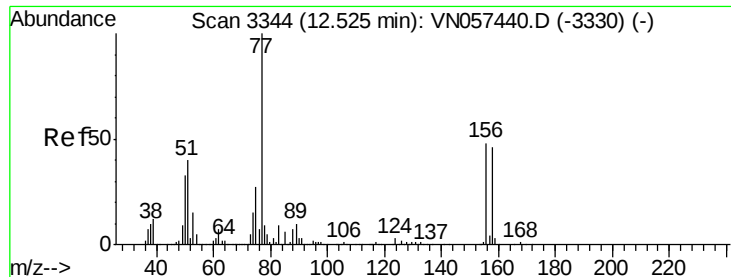
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057440.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN057440.D (-3348) (-)





#77

Bromobenzene

Concen: 1.254 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

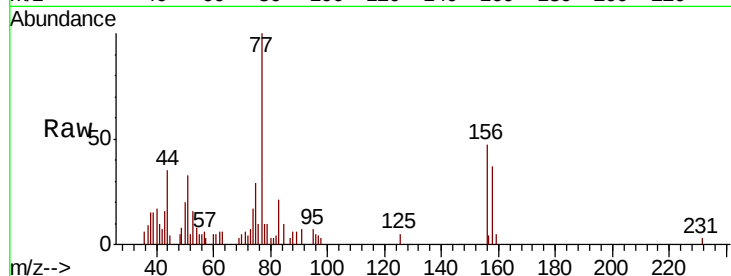
Tgt Ion:156 Resp: 4082

Ion Ratio Lower Upper

156 100

77 268.7 124.4 373.3

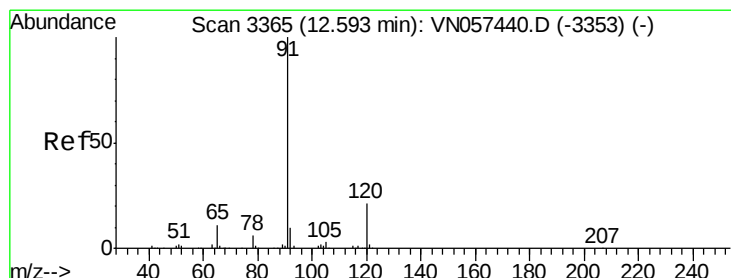
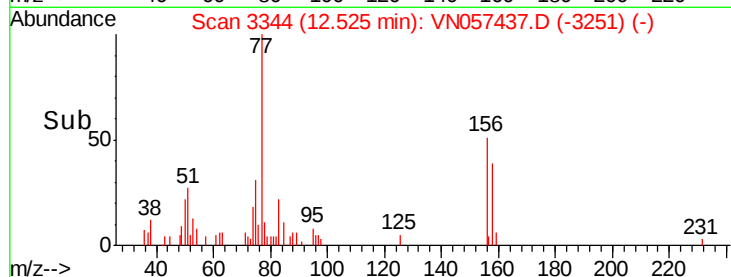
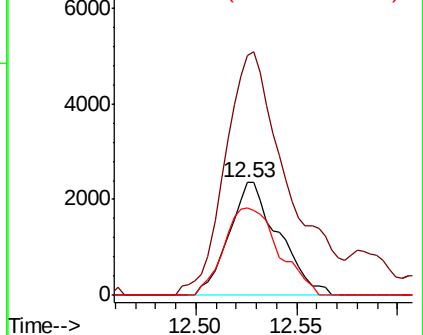
158 84.8 48.3 144.8



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: 1.584 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057437.D

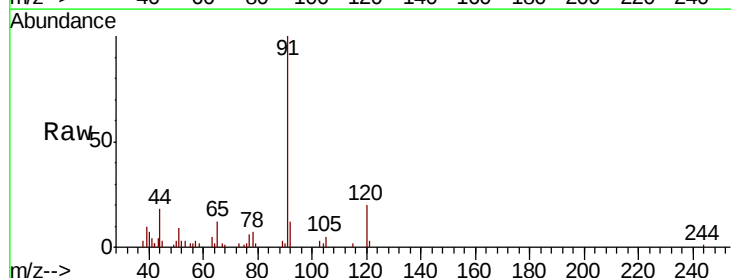
Acq: 22 Aug 2019 17:01

Tgt Ion: 91 Resp: 20590

Ion Ratio Lower Upper

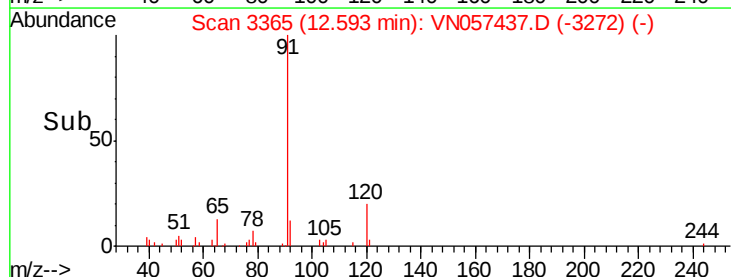
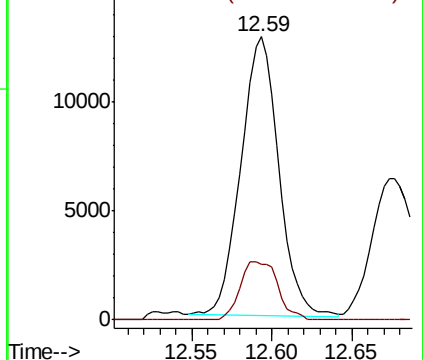
91 100

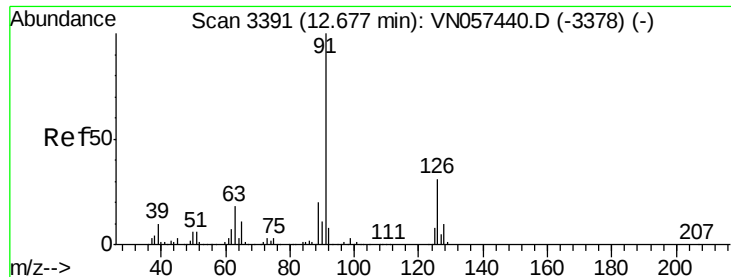
120 20.7 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.446 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

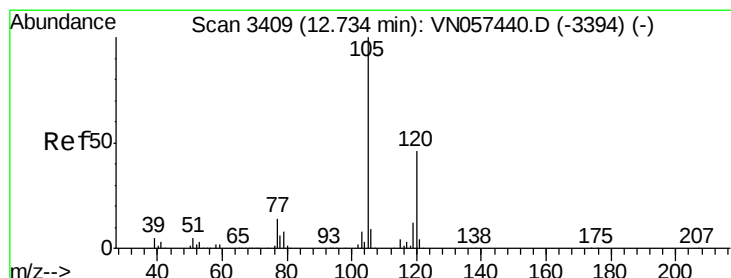
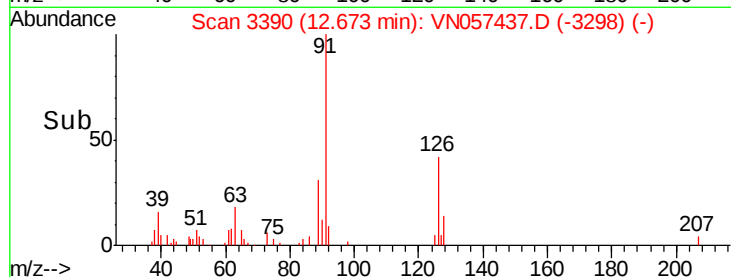
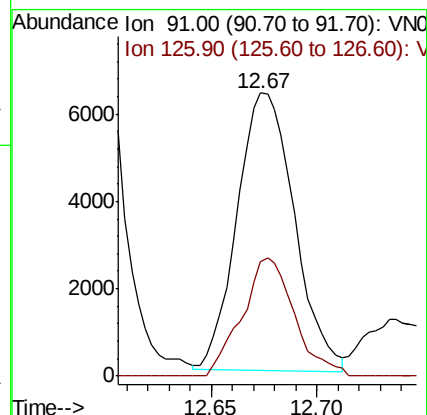
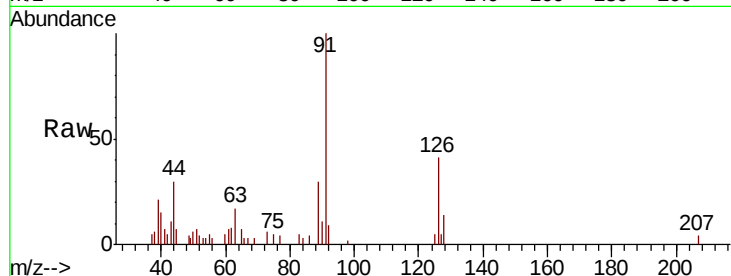
VSTDIC001

Tgt Ion: 91 Resp: 12005

Ion Ratio Lower Upper

91 100

126 38.8 15.3 45.8



#80

1,3,5-Trimethylbenzene

Concen: 1.533 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057437.D

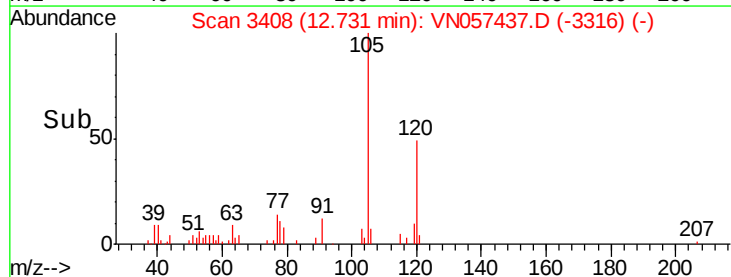
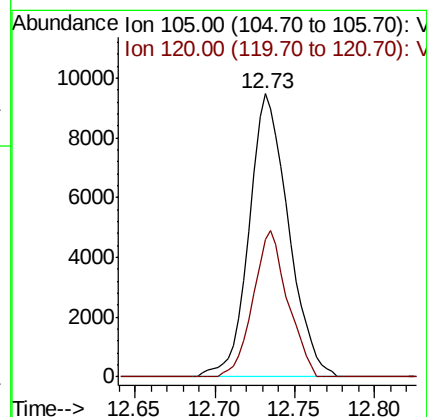
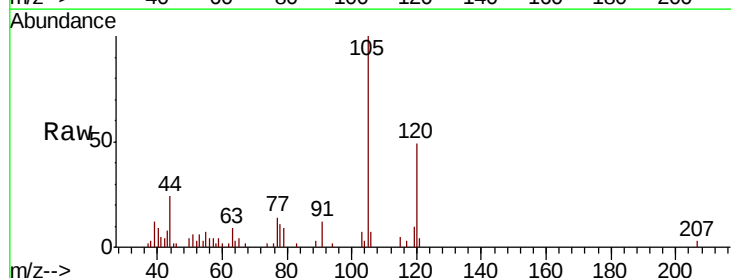
Acq: 22 Aug 2019 17:01

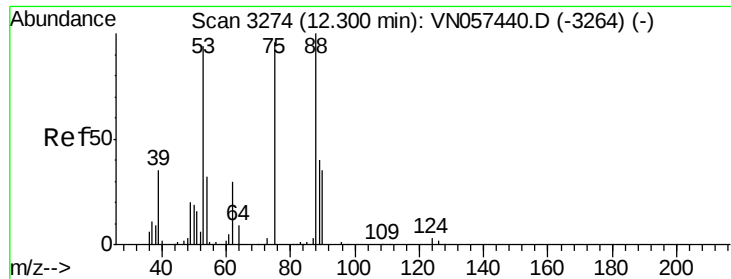
Tgt Ion: 105 Resp: 15910

Ion Ratio Lower Upper

105 100

120 45.3 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 2.050 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.01 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

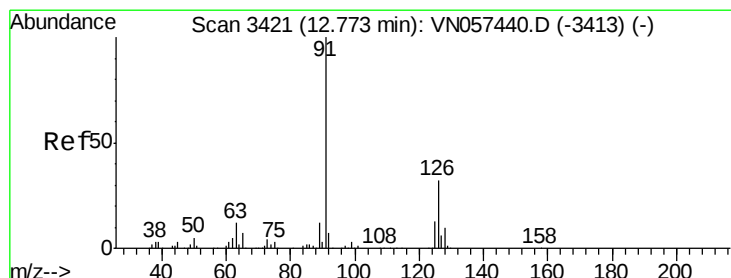
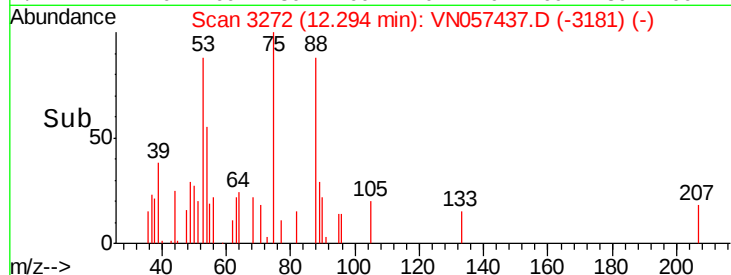
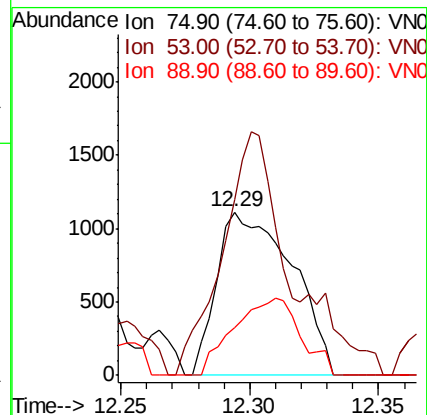
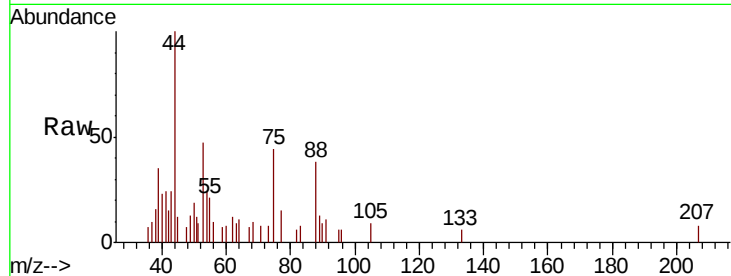
Tgt Ion: 75 Resp: 2266

Ion Ratio Lower Upper

75 100

53 111.2 82.7 124.1

89 41.8 35.8 53.8



#82

4-Chlorotoluene

Concen: 1.460 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057437.D

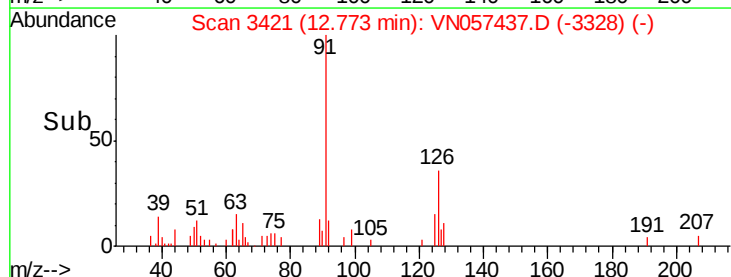
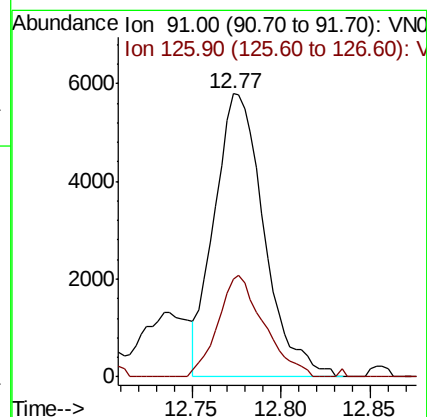
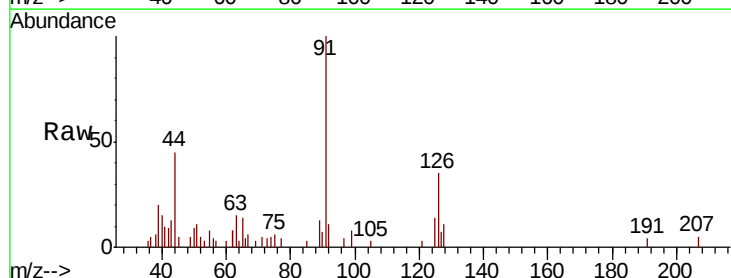
Acq: 22 Aug 2019 17:01

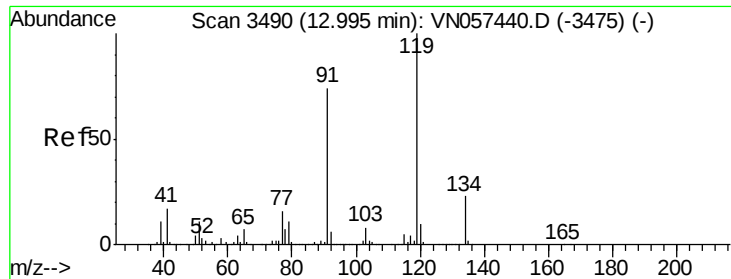
Tgt Ion: 91 Resp: 11195

Ion Ratio Lower Upper

91 100

126 33.3 15.0 45.0

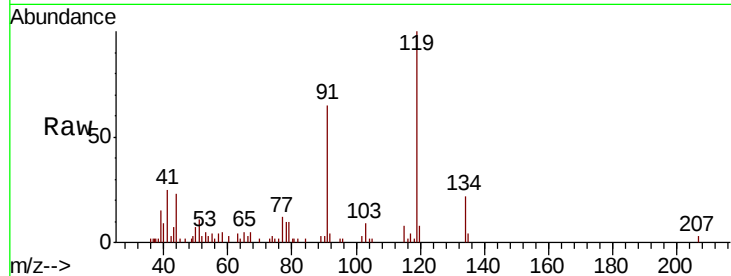




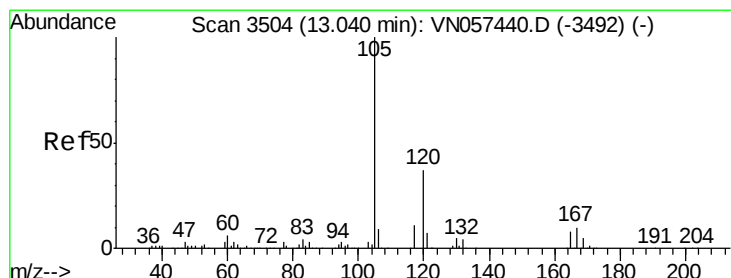
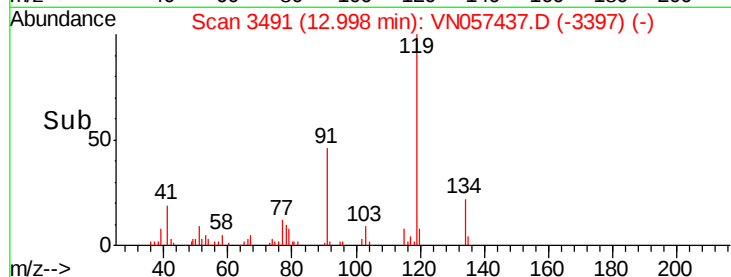
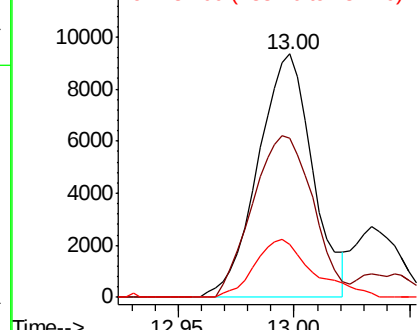
#83
 tert-Butylbenzene
 Concen: 1.594 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 15221
 Ion Ratio Lower Upper
 119 100
 91 74.1 37.0 111.0
 134 25.5 12.2 36.6

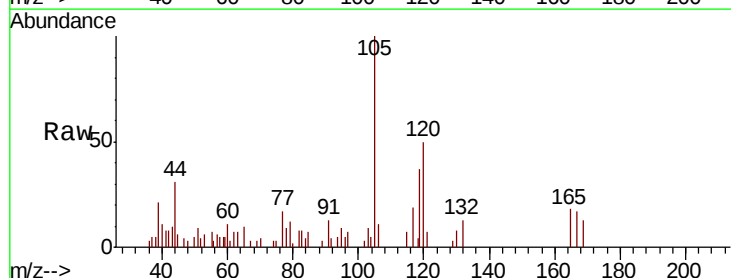


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

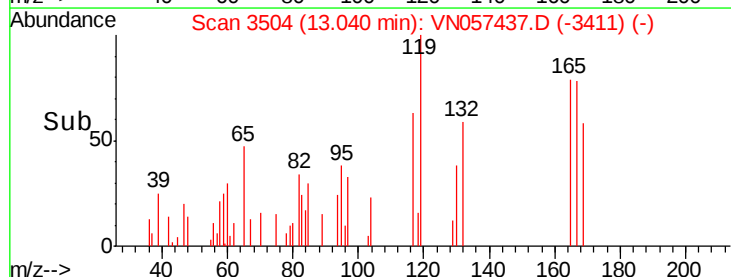
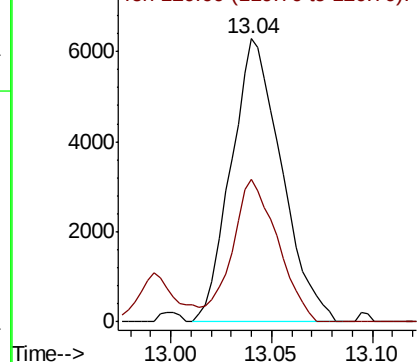


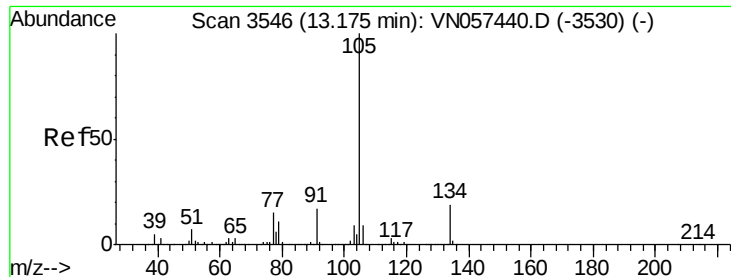
#84
 1,2,4-Trimethylbenzene
 Concen: 1.138 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion:105 Resp: 10973
 Ion Ratio Lower Upper
 105 100
 120 45.6 21.9 65.7



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

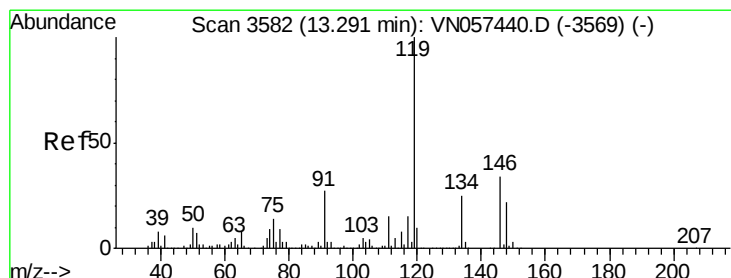
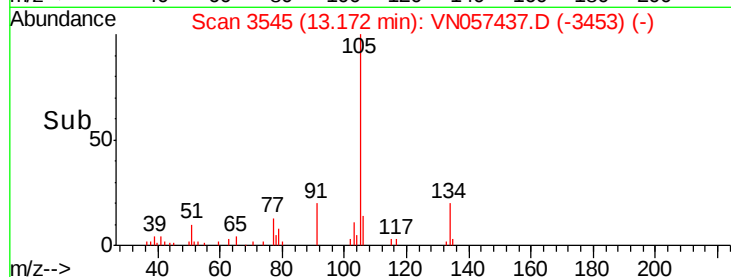
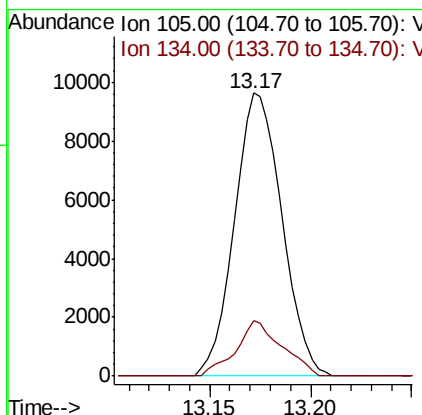
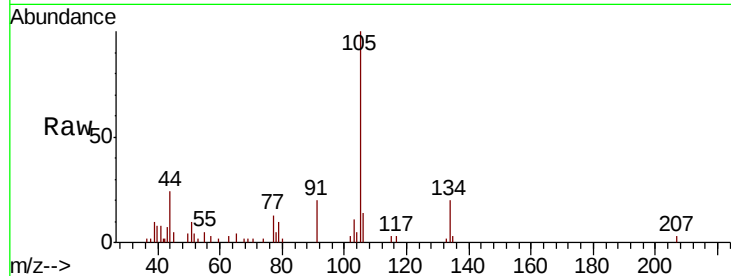




#85
 sec-Butylbenzene
 Concen: 1.374 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

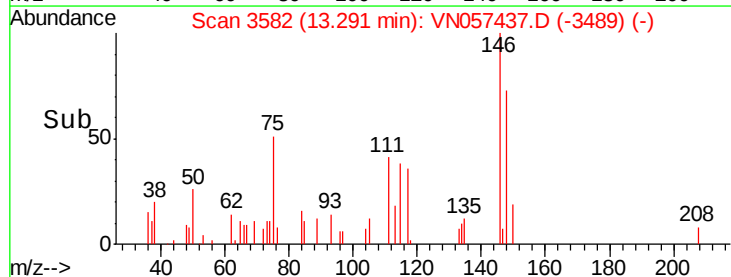
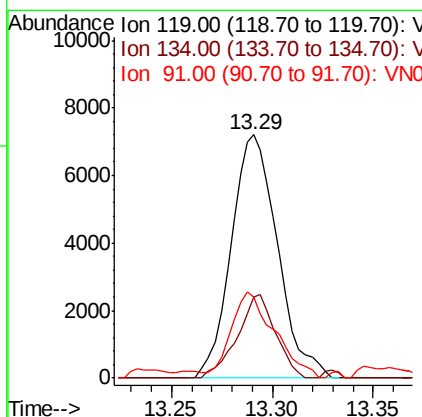
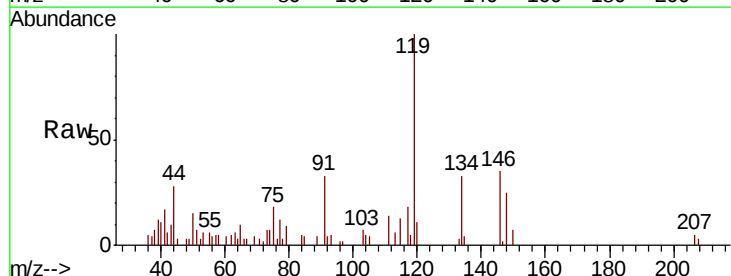
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

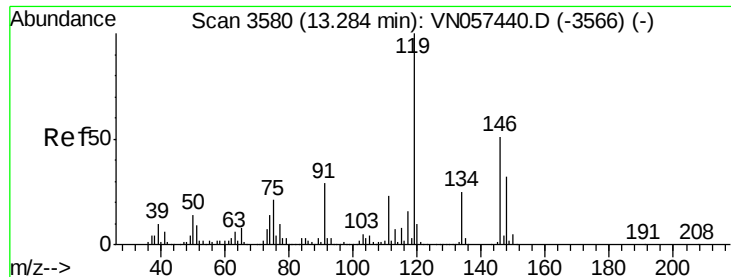
Tgt Ion:105 Resp: 15866
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 1.178 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion:119 Resp: 11549
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.7 38.1
 91 33.3 13.9 41.6

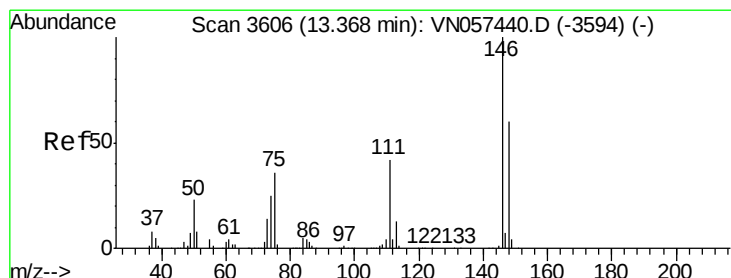
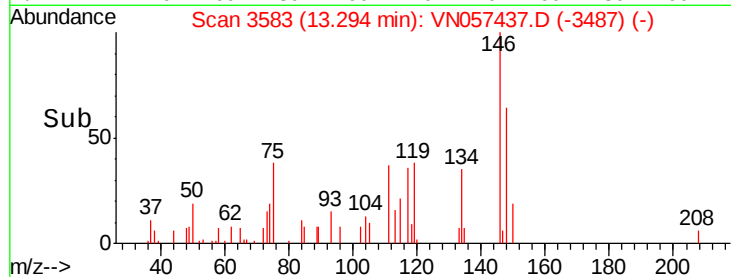
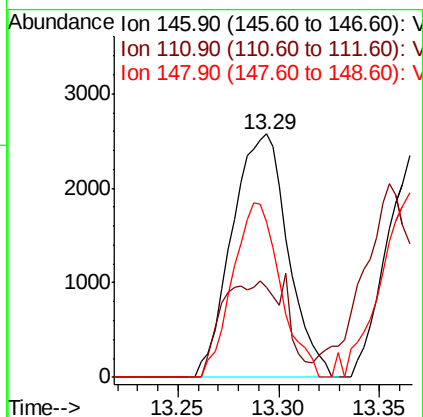
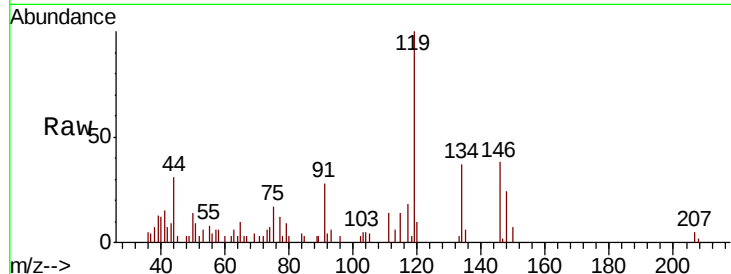




#87
 1,3-Dichlorobenzene
 Concen: 1.099 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.01 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

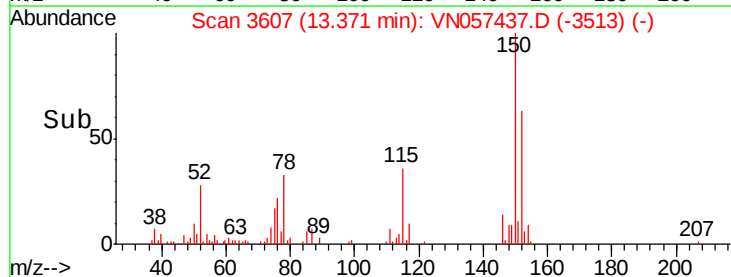
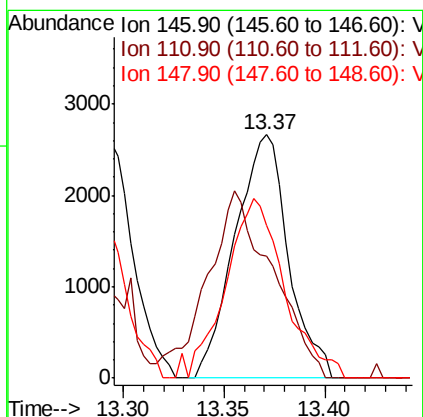
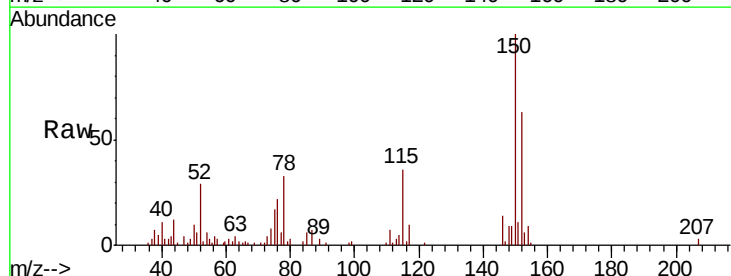
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

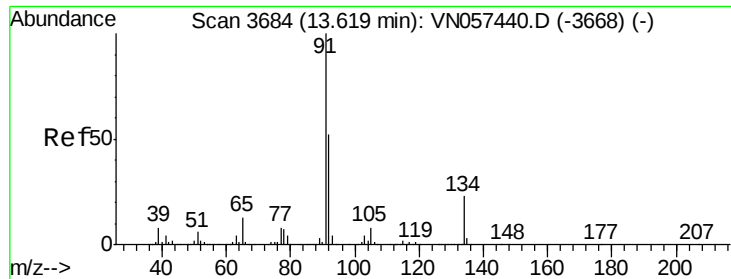
Tgt Ion:146 Resp: 4989
 Ion Ratio Lower Upper
 146 100
 111 20.4 22.1 66.1#
 148 61.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 1.138 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion:146 Resp: 4940
 Ion Ratio Lower Upper
 146 100
 111 93.4 21.9 65.5#
 148 81.4 31.1 93.2





#89

n-Butylbenzene

Concen: 1.249 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN057437.D

Acq: 22 Aug 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

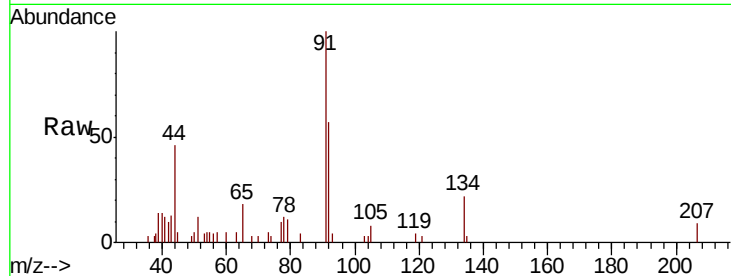
Tgt Ion: 91 Resp: 9003

Ion Ratio Lower Upper

91 100

92 49.8 25.7 77.0

134 22.6 11.4 34.1

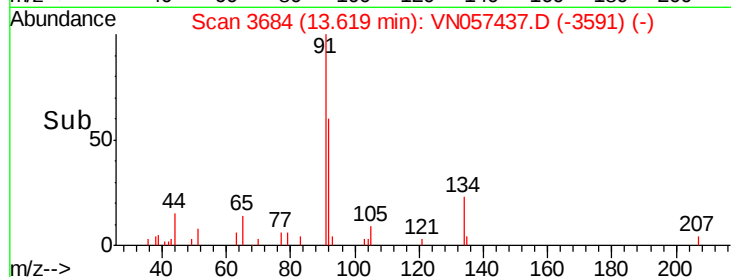


Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3668) (-)

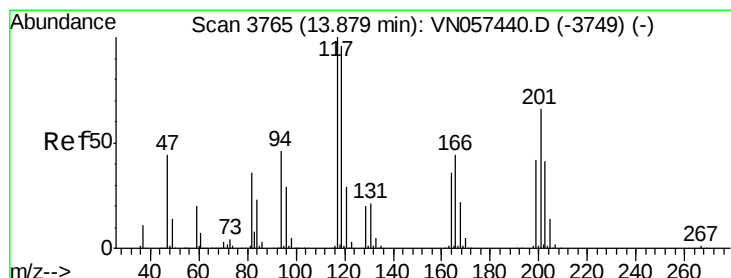
Ion 92.00 (91.70 to 92.70): VN057440.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057440.D (-3668) (-)

Time--> 13.55 13.60 13.65



Time--> 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 1.633 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN057437.D

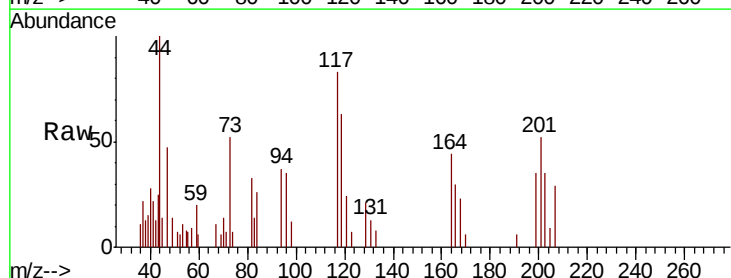
Acq: 22 Aug 2019 17:01

Tgt Ion: 117 Resp: 3342

Ion Ratio Lower Upper

117 100

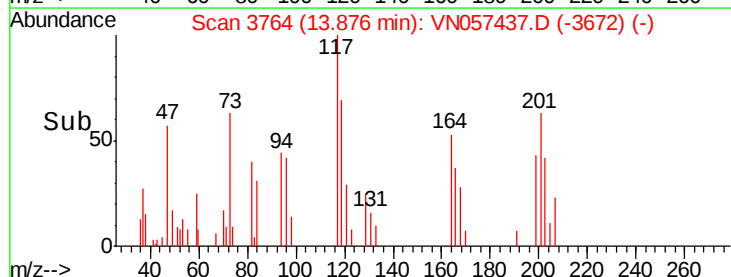
201 70.2 33.1 99.3



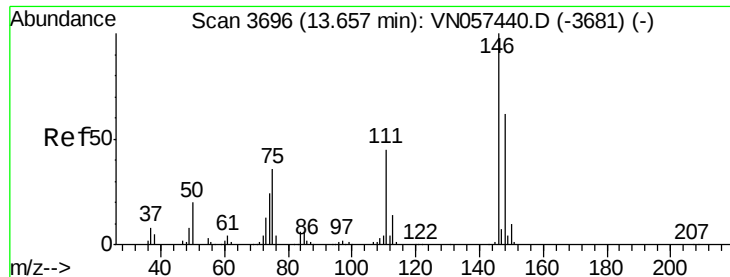
Abundance Ion 116.80 (116.50 to 117.50): VN057440.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN057440.D (-3749) (-)

Time--> 13.85 13.90



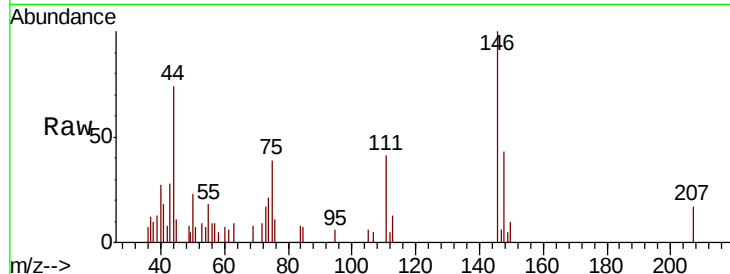
Time--> 13.85 13.90



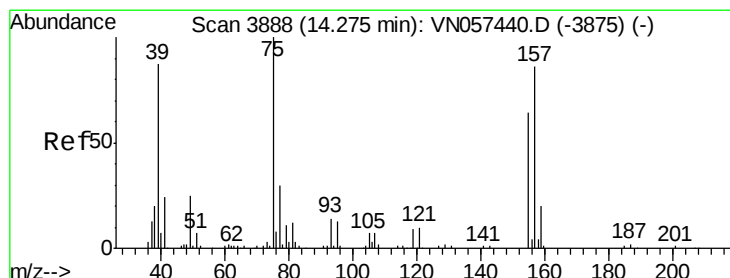
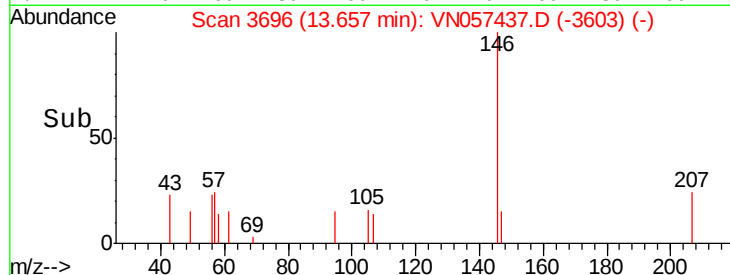
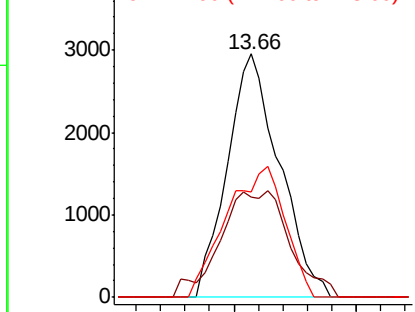
#91
 1,2-Dichlorobenzene
 Concen: 1.034 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 146 Resp: 4389
 Ion Ratio Lower Upper
 146 100
 111 57.9 23.1 69.2
 148 60.4 31.8 95.4

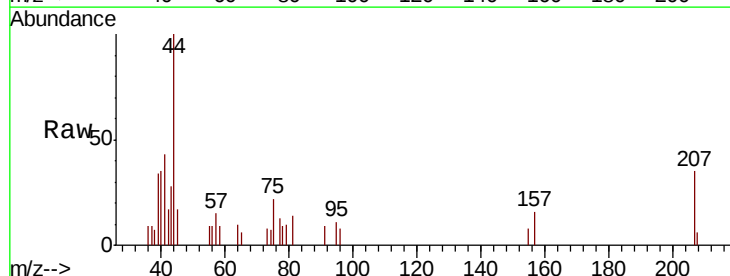


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

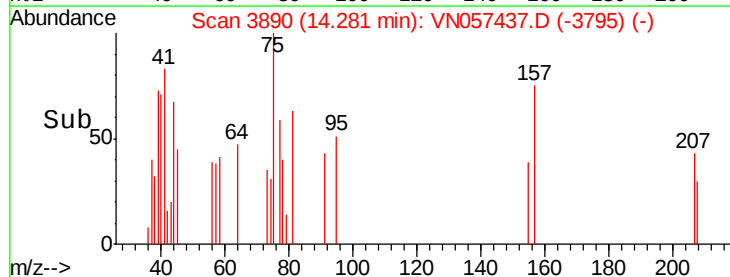
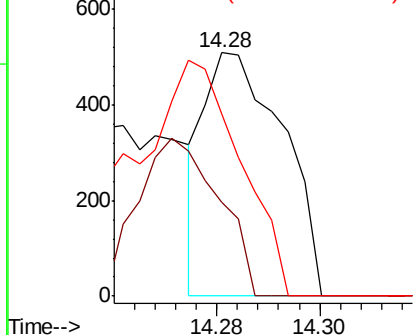


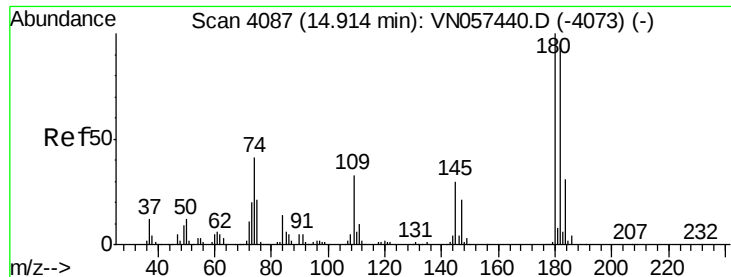
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.084 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.01 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion: 75 Resp: 539
 Ion Ratio Lower Upper
 75 100
 155 67.2 31.6 94.7
 157 127.3 43.3 129.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

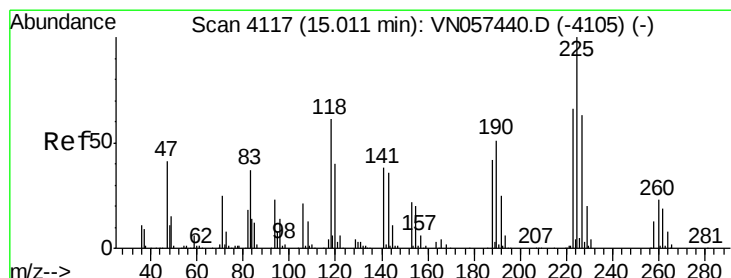
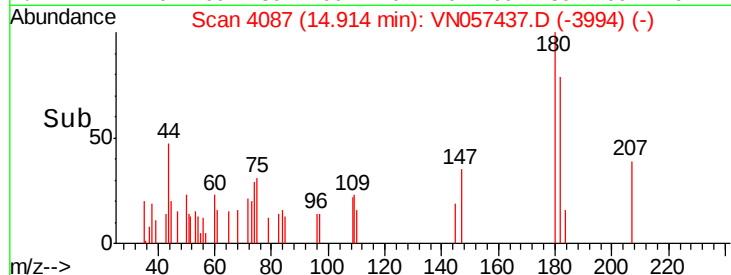
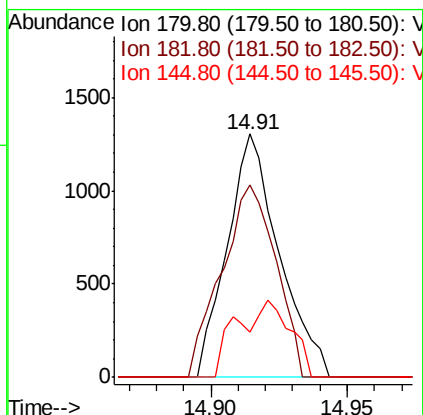
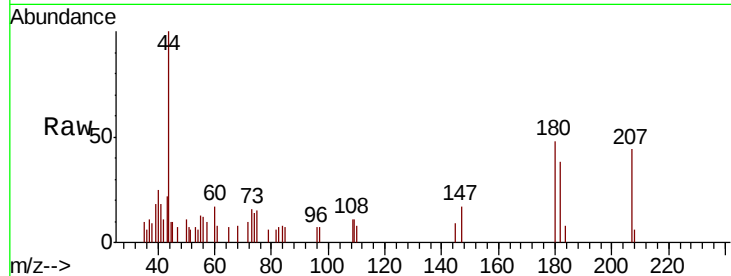




#93
 1,2,4-Trichlorobenzene
 Concen: 1.217 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

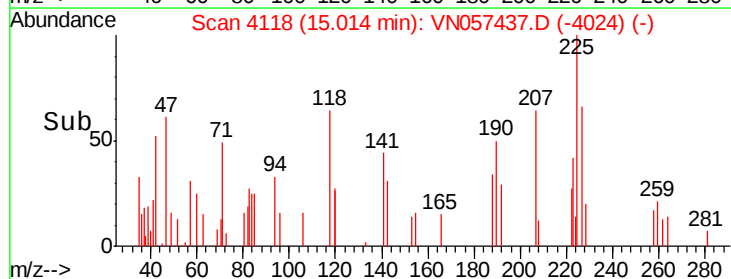
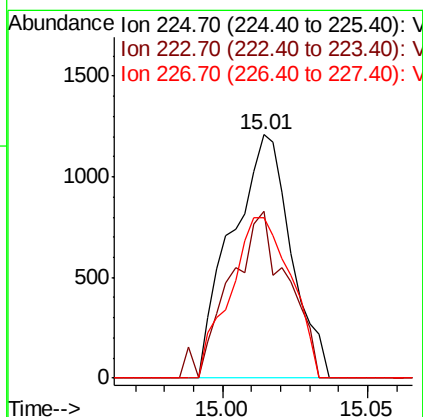
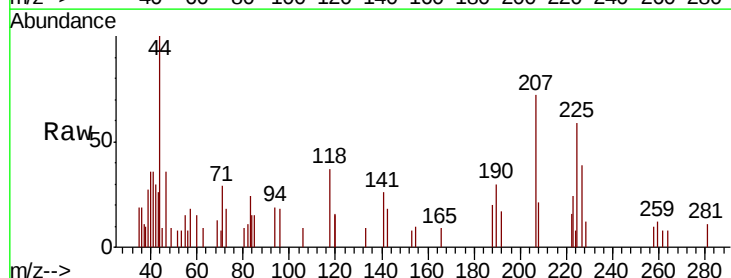
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

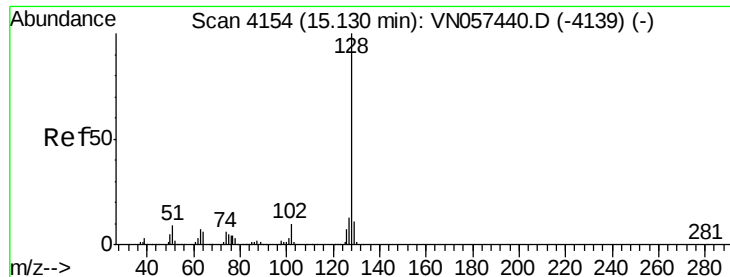
Tgt Ion:180 Resp: 1723
 Ion Ratio Lower Upper
 180 100
 182 82.4 46.7 140.1
 145 20.3 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 0.919 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057437.D
 Acq: 22 Aug 2019 17:01

Tgt Ion:225 Resp: 1721
 Ion Ratio Lower Upper
 225 100
 223 66.4 32.0 96.2
 227 67.5 31.5 94.5

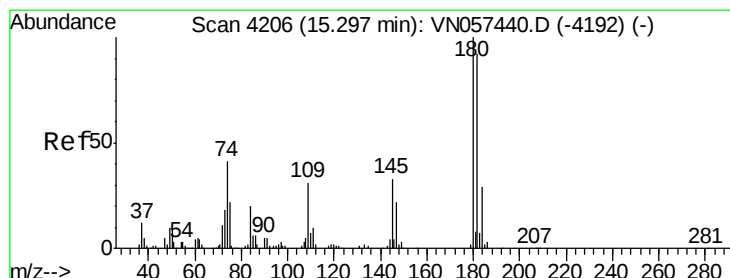
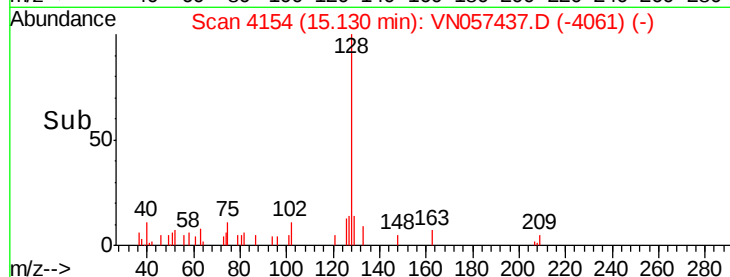
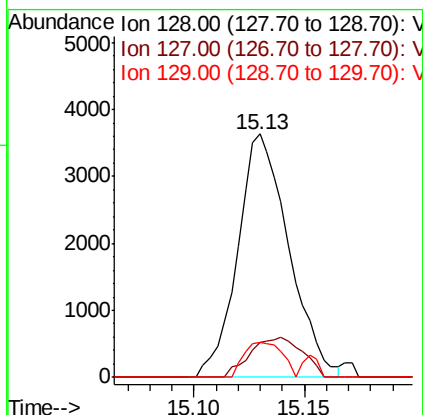
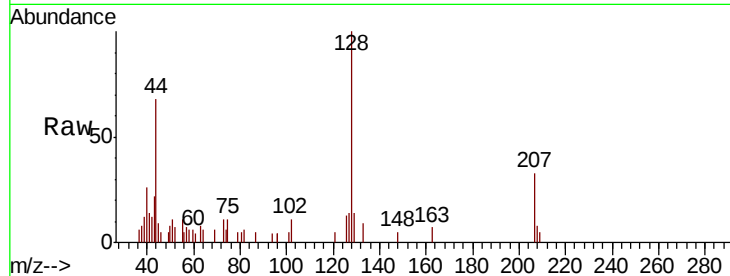




#95
Naphthalene
Concen: 1.773 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 5846
Ion Ratio Lower Upper
128 100
127 16.7 10.5 15.7#
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.558 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057437.D
Acq: 22 Aug 2019 17:01

Tgt Ion:180 Resp: 2120
Ion Ratio Lower Upper
180 100
182 46.5 46.7 140.1#
145 18.7 16.8 50.3

