

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062601.D
 Acq On : 27 Jul 2020 16:19
 Operator : JC/MD
 Sample : VN0727WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Quant Time: Jul 28 06:23:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	152900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	227810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	117037	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.54	113	77813	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	10.06	98	304780	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.37	95	113353	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37436	20.526	ug/l	97
3) Chloromethane	2.04	50	38606	15.607	ug/l	96
4) Vinyl Chloride	2.16	62	36562	17.050	ug/l	100
5) Bromomethane	2.54	94	22510	23.700	ug/l	97
6) Chloroethane	2.67	64	21295	21.953	ug/l	99
7) Trichlorofluoromethane	2.98	101	60133	23.883	ug/l	100
8) Diethyl Ether	3.37	74	21691	18.423	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32705	20.260	ug/l	98
10) Methyl Iodide	3.91	142	32950	15.966	ug/l	97
11) Tert butyl alcohol	4.73	59	31156	82.456	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	31700	19.363	ug/l	90
13) Acrolein	3.57	56	21376	60.852	ug/l	98
14) Allyl chloride	4.27	41	57831	16.330	ug/l	94
15) Acrylonitrile	4.93	53	84050	83.048	ug/l	97
16) Acetone	3.78	43	83774	93.726	ug/l	97
17) Carbon Disulfide	4.01	76	93438	17.370	ug/l	99
18) Methyl Acetate	4.28	43	37940	16.767	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	114920	19.071	ug/l	95
20) Methylene Chloride	4.50	84	37915	17.686	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	33727	18.561	ug/l	98
22) Diisopropyl ether	5.90	45	119163	16.928	ug/l	91
23) Vinyl Acetate	5.84	43	495401	85.890	ug/l	98
24) 1,1-Dichloroethane	5.79	63	69753	18.401	ug/l	98
25) 2-Butanone	6.78	43	113640	83.482	ug/l	95
26) 2,2-Dichloropropane	6.77	77	63090	20.275	ug/l	96
27) cis-1,2-Dichloroethene	6.77	96	37827	18.244	ug/l	98
28) Bromochloromethane	7.15	49	31616	16.948	ug/l	92
29) Tetrahydrofuran	7.16	42	73065	79.323	ug/l	93
30) Chloroform	7.33	83	68910	19.120	ug/l	99
31) Cyclohexane	7.61	56	61059	17.446	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	62230	20.681	ug/l	99
36) 1,1-Dichloropropene	7.75	75	52336	20.105	ug/l	99
37) Ethyl Acetate	6.88	43	49858	17.768	ug/l	98
38) Carbon Tetrachloride	7.73	117	55205	22.063	ug/l	96

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 Sample : VN0727WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0727WBS01

Quant Time: Jul 28 06:23:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	55594	19.839	ug/l	97
40) Benzene	8.00	78	147510	18.717	ug/l	98
41) Methacrylonitrile	7.12	41	20534	17.074	ug/l	97
42) 1,2-Dichloroethane	8.08	62	61133	21.218	ug/l	98
43) Isopropyl Acetate	8.12	43	81685	18.058	ug/l	98
44) Trichloroethene	8.80	130	35167	19.787	ug/l	95
45) 1,2-Dichloropropane	9.08	63	38985	17.618	ug/l	98
46) Dibromomethane	9.18	93	24805	19.396	ug/l	98
47) Bromodichloromethane	9.37	83	55980	20.204	ug/l	98
48) Methyl methacrylate	9.16	41	38796	18.042	ug/l	98
49) 1,4-Dioxane	9.16	88	11092	335.847	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	241895	89.371	ug/l	99
52) Toluene	10.12	92	88767	19.397	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	61987	20.097	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	64484	19.484	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	35554	20.030	ug/l	97
56) Ethyl methacrylate	10.40	69	53449	17.945	ug/l	97
57) 1,3-Dichloropropane	10.68	76	61913	19.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	75660	90.196	ug/l	96
59) 2-Hexanone	10.72	43	172437	84.362	ug/l	100
60) Dibromochloromethane	10.87	129	40235	20.318	ug/l	96
61) 1,2-Dibromoethane	10.98	107	36069	19.514	ug/l	100
64) Tetrachloroethene	10.60	164	30855	20.846	ug/l	97
65) Chlorobenzene	11.40	112	93908	19.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36311	20.210	ug/l	98
67) Ethyl Benzene	11.48	91	173901	19.859	ug/l	100
68) m/p-Xylenes	11.59	106	127938	40.649	ug/l	99
69) o-Xylene	11.92	106	59448	19.891	ug/l	98
70) Styrene	11.94	104	102518	20.306	ug/l	99
71) Bromoform	12.10	173	27915	20.693	ug/l #	96
73) Isopropylbenzene	12.22	105	166175	19.363	ug/l	98
74) N-amyl acetate	12.04	43	65045	16.972	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	49556	16.617	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	68780	24.897	ug/l #	100
77) Bromobenzene	12.50	156	39085	18.951	ug/l	91
78) n-propylbenzene	12.56	91	192963	19.195	ug/l	99
79) 2-Chlorotoluene	12.65	91	117313	18.936	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	143580	20.169	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	18143	18.282	ug/l	96
82) 4-Chlorotoluene	12.75	91	121169	18.790	ug/l	100
83) tert-Butylbenzene	12.97	119	116129	19.646	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	140086	20.060	ug/l	97
85) sec-Butylbenzene	13.15	105	159479	20.152	ug/l	100
86) p-Isopropyltoluene	13.26	119	141720	20.821	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	67705	18.707	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	67921	19.064	ug/l	96
89) n-Butylbenzene	13.59	91	114459	19.571	ug/l	100
90) Hexachloroethane	13.85	117	27337	18.867	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	66198	19.129	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10587	19.553	ug/l	96

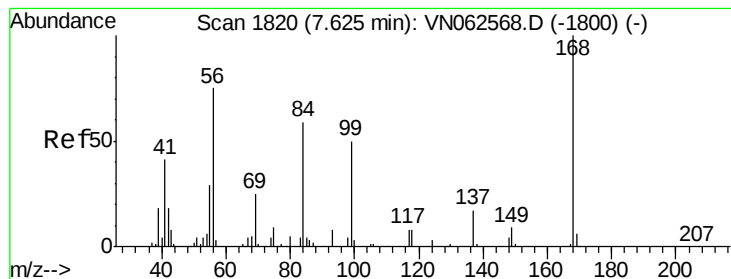
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
Data File : VN062601.D
Acq On : 27 Jul 2020 16:19
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Sample : VN0727WBS01
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Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Quant Time: Jul 28 06:23:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31221	19.197	ug/l	98
94) Hexachlorobutadiene	14.98	225	22469	23.772	ug/l	97
95) Naphthalene	15.10	128	77122	18.538	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	32321	19.818	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

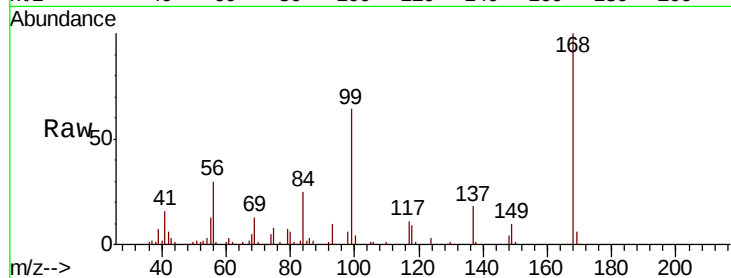
VN0727WBS01

Tot Ion:168 Resp: 152900

Ion Ratio Lower Upper

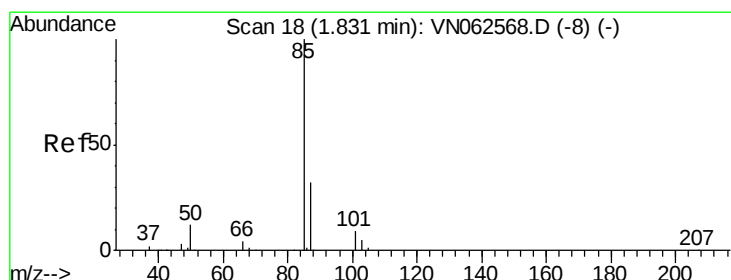
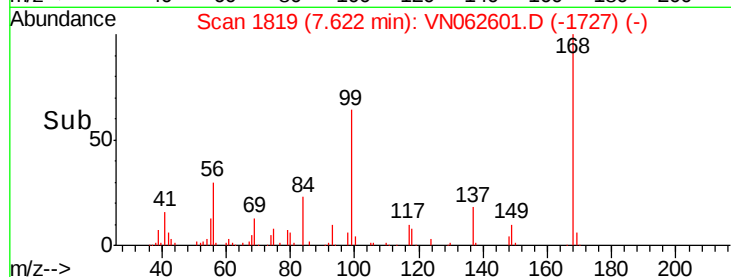
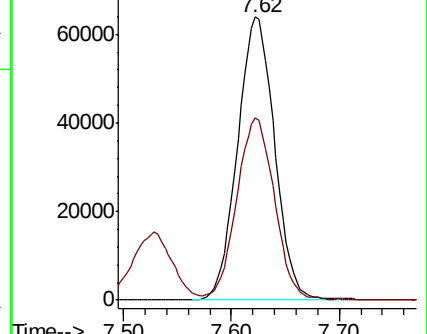
168 100

99 64.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.526 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062601.D

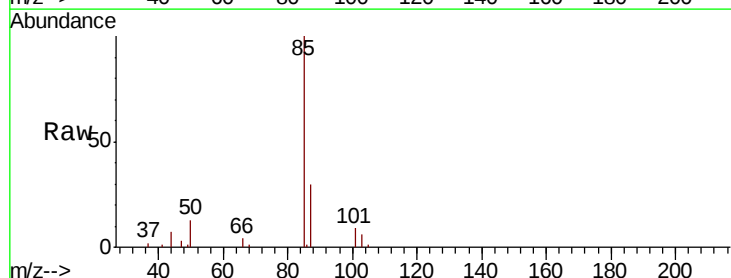
Acq: 27 Jul 2020 16:19

Tgt Ion: 85 Resp: 37436

Ion Ratio Lower Upper

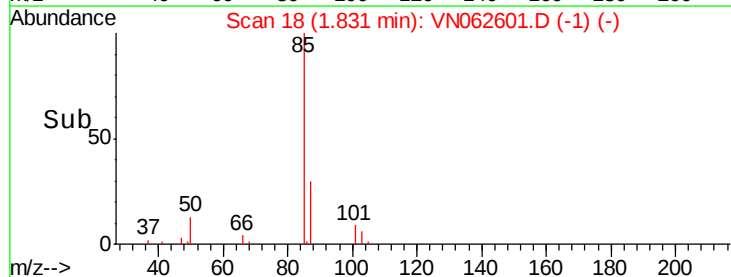
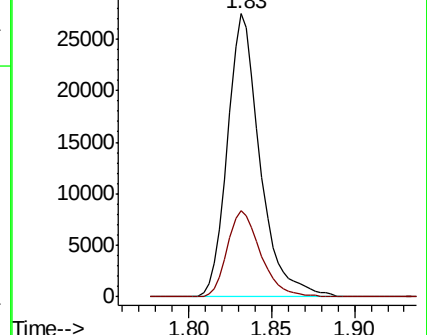
85 100

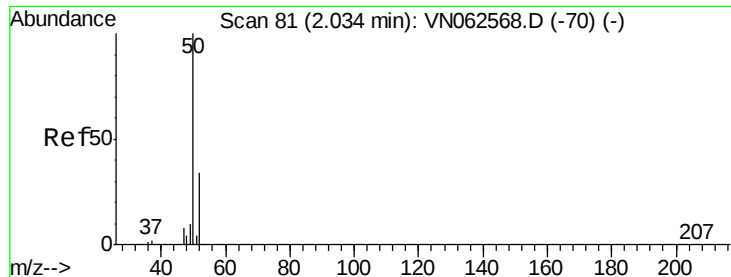
87 30.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 15.607 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

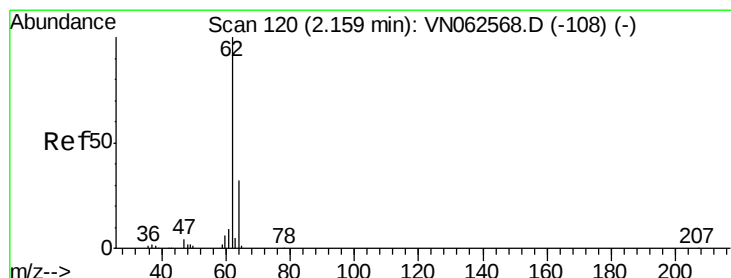
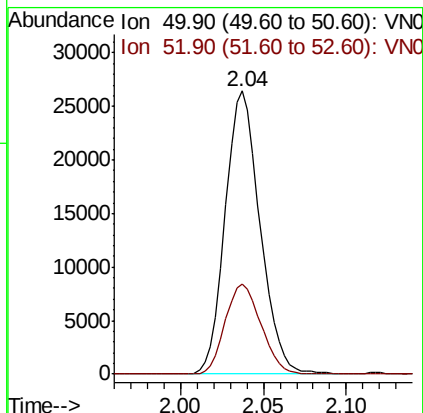
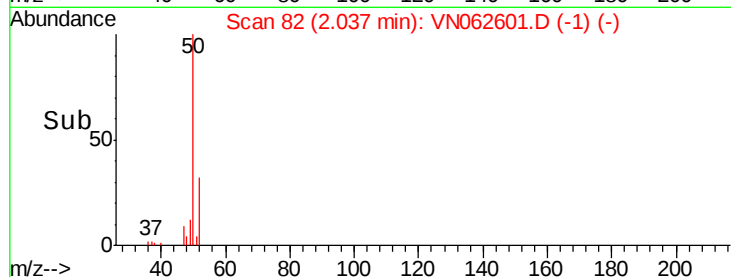
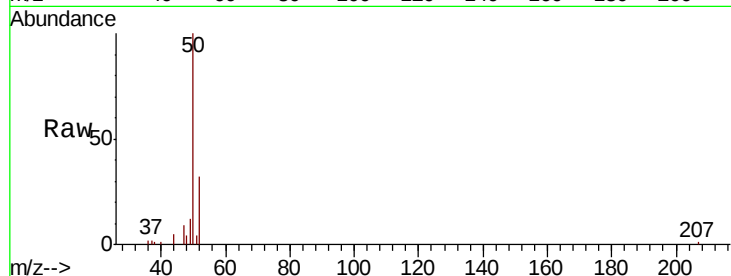
VN0727WBS01

Tot Ion: 50 Resp: 38606

Ion Ratio Lower Upper

50 100

52 31.6 27.0 40.4



#4

Vinyl Chloride

Concen: 17.050 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062601.D

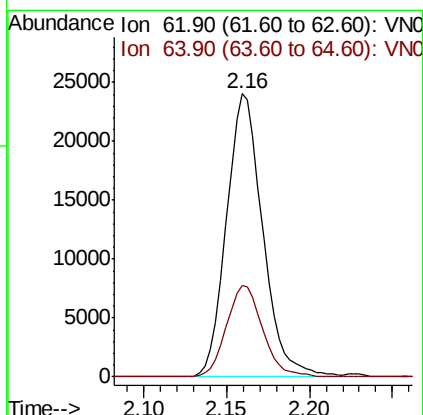
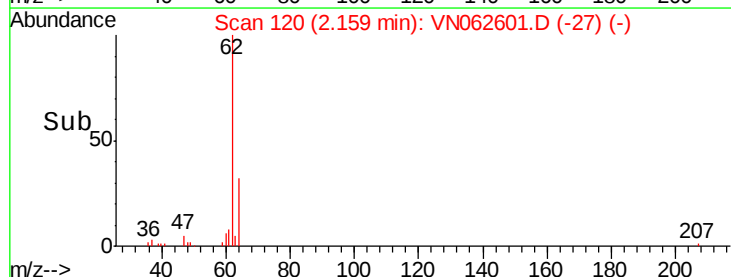
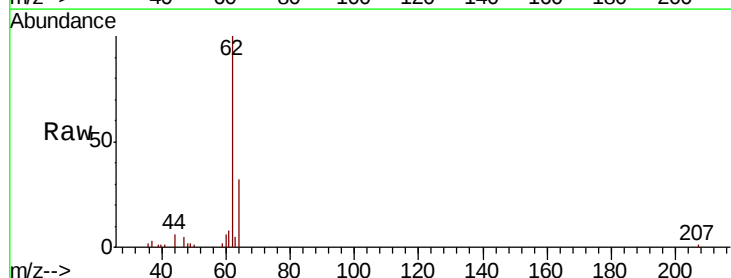
Acq: 27 Jul 2020 16:19

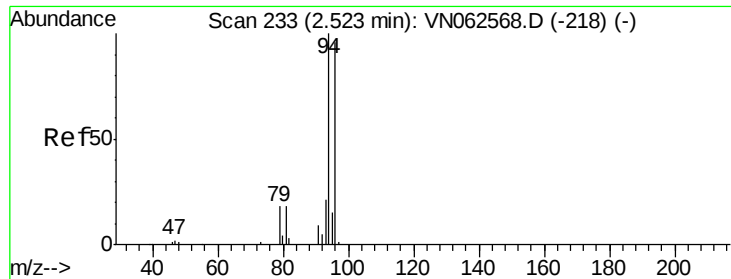
Tgt Ion: 62 Resp: 36562

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 23.700 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.02 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

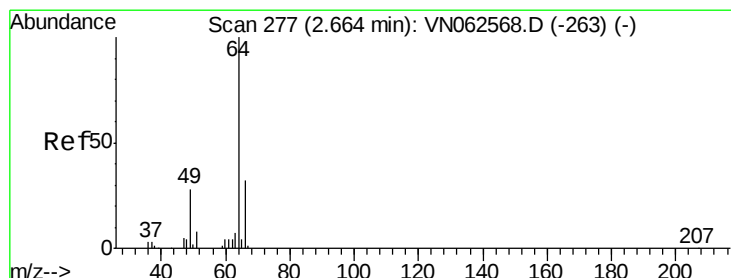
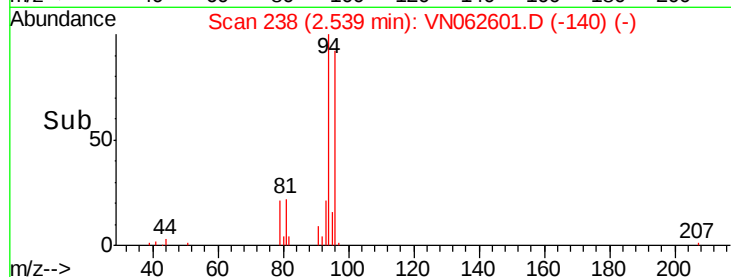
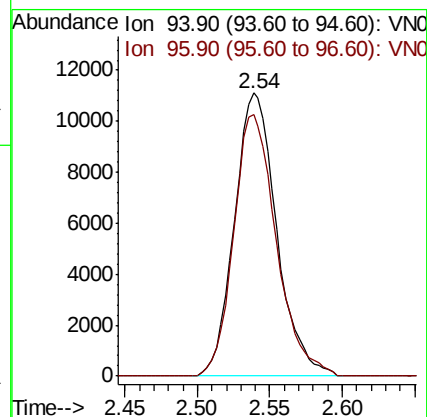
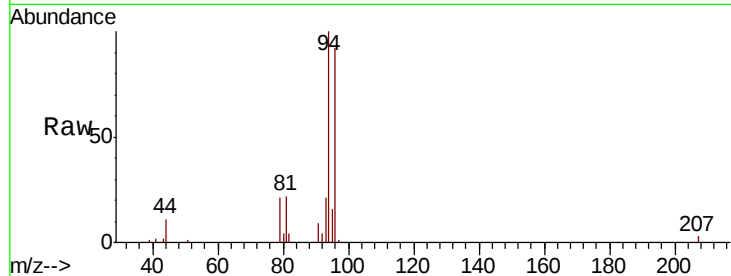
VN0727WBS01

Tot Ion: 94 Resp: 22510

Ion Ratio Lower Upper

94 100

96 92.3 76.6 114.8



#6

Chloroethane

Concen: 21.953 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062601.D

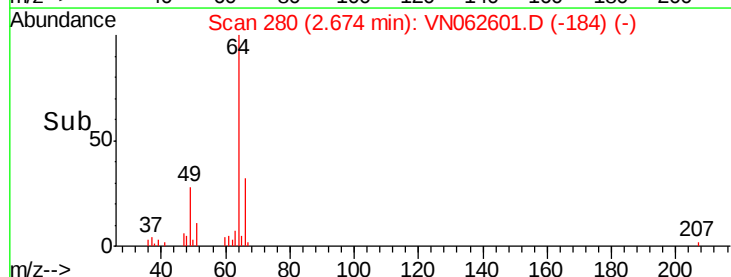
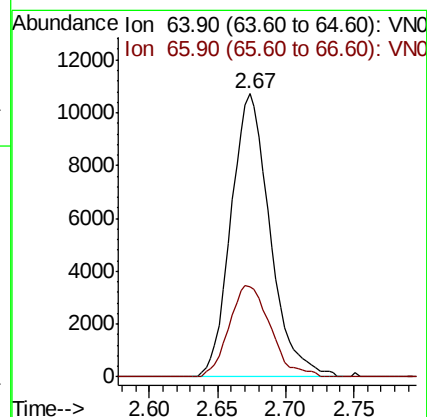
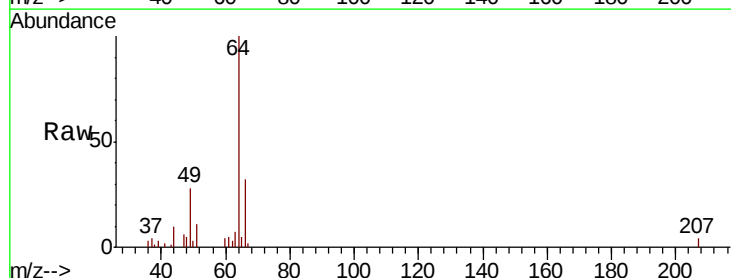
Acq: 27 Jul 2020 16:19

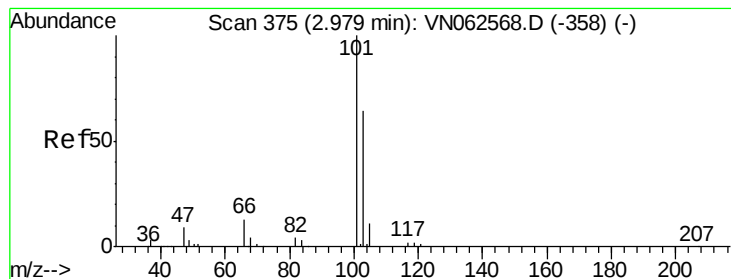
Tgt Ion: 64 Resp: 21295

Ion Ratio Lower Upper

64 100

66 32.0 25.8 38.8



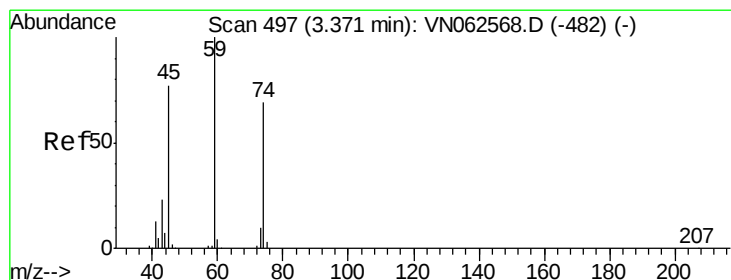
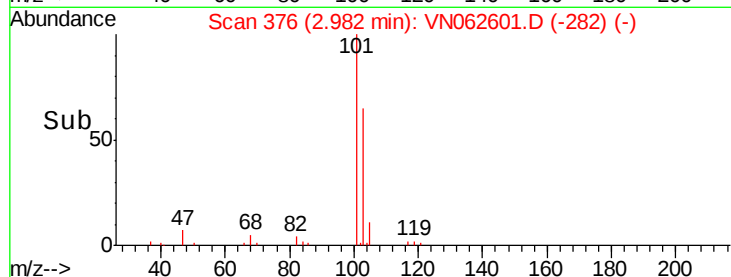
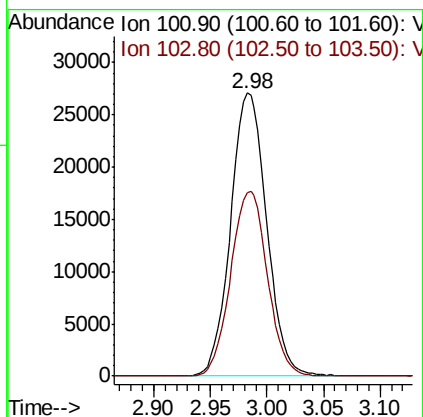
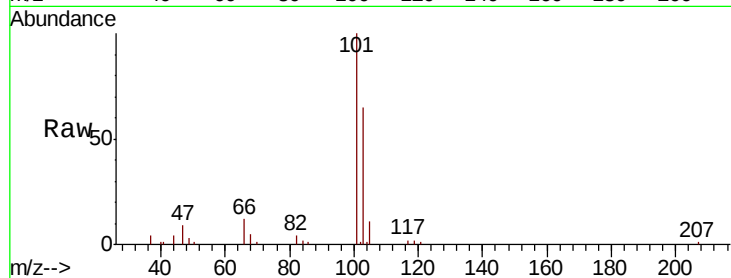


#7

Trichlorofluoromethane
Concen: 23.883 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

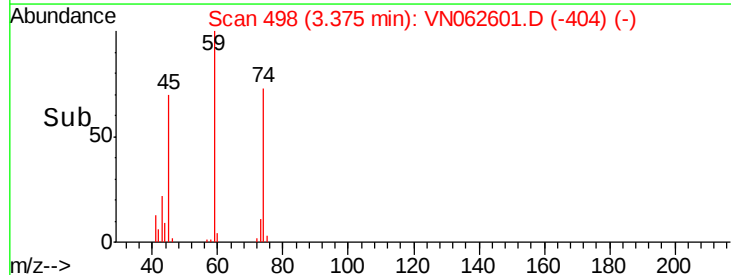
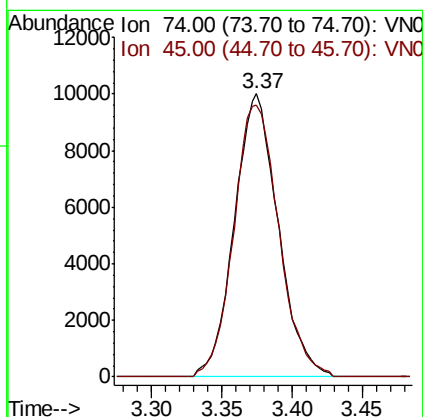
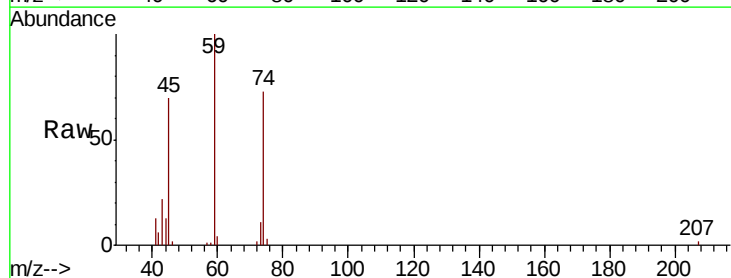
Tot Ion:101 Resp: 60133
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

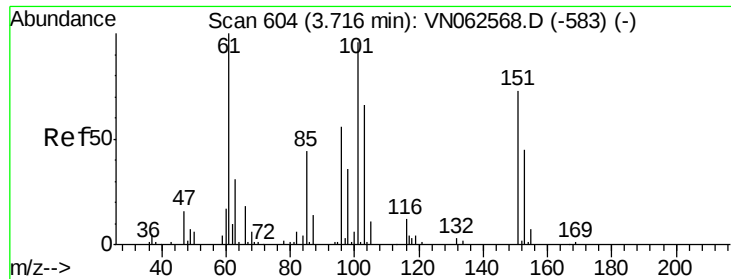


#8

Diethyl Ether
Concen: 18.423 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 74 Resp: 21691
Ion Ratio Lower Upper
74 100
45 99.0 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.260 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

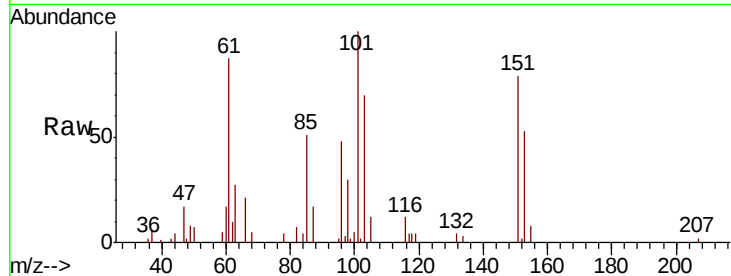
Tot Ion:101 Resp: 32705

Ion Ratio Lower Upper

101 100

85 45.7 36.0 54.0

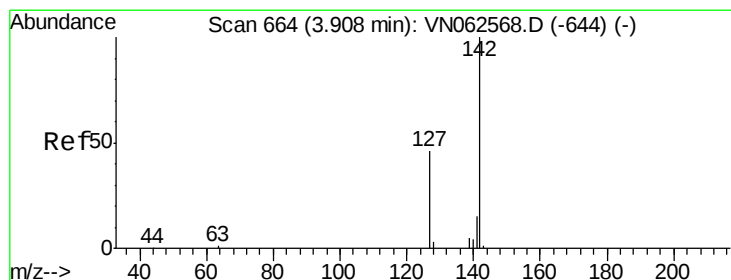
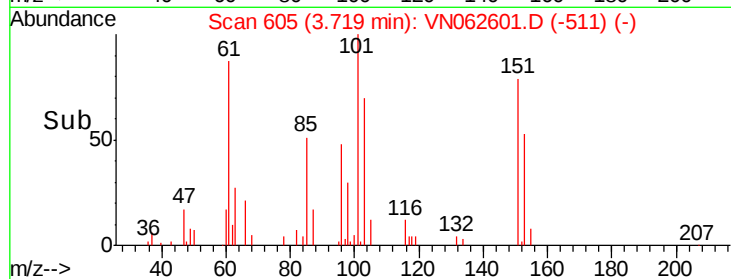
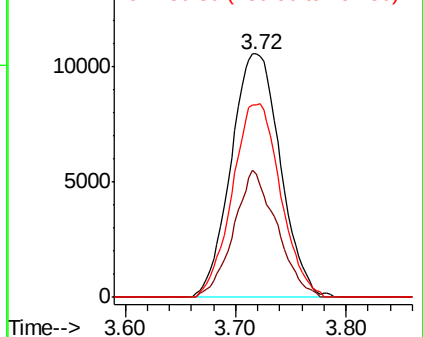
151 77.5 60.0 90.0



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: 15.966 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

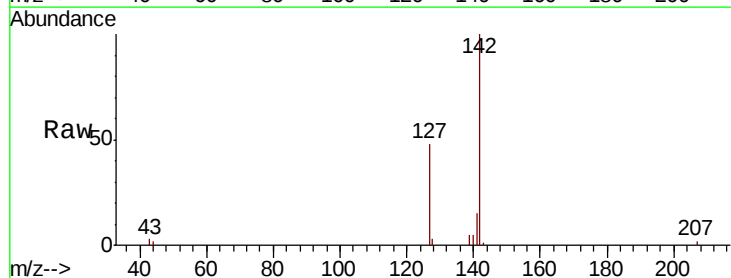
Tgt Ion:142 Resp: 32950

Ion Ratio Lower Upper

142 100

127 48.9 37.4 56.0

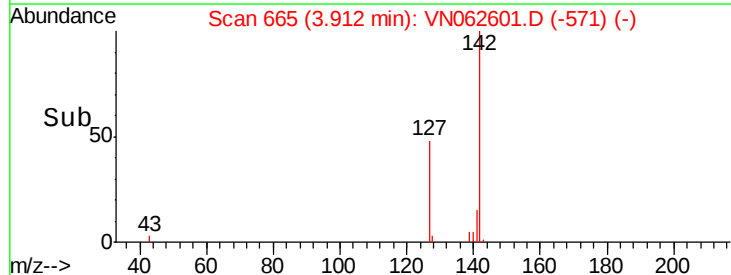
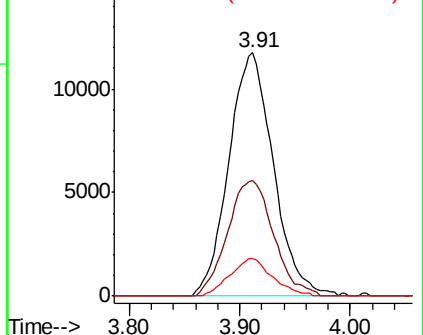
141 14.7 11.9 17.9

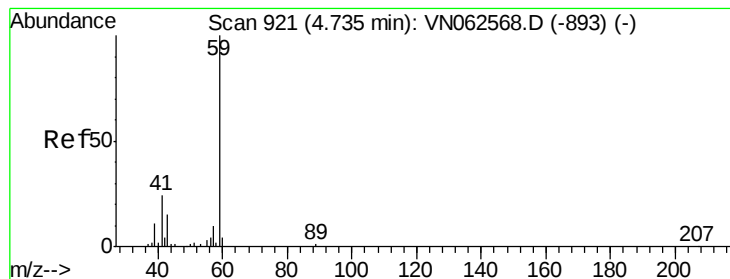


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 82.456 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

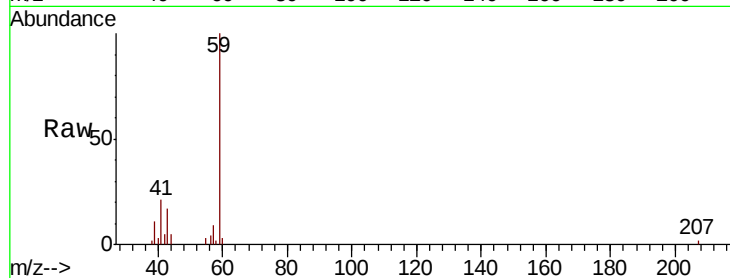
VN0727WBS01

Tot Ion: 59 Resp: 31156

Ion Ratio Lower Upper

59 100

57 4.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

10000

8000

6000

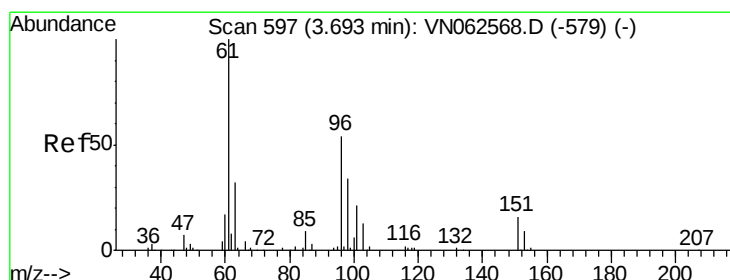
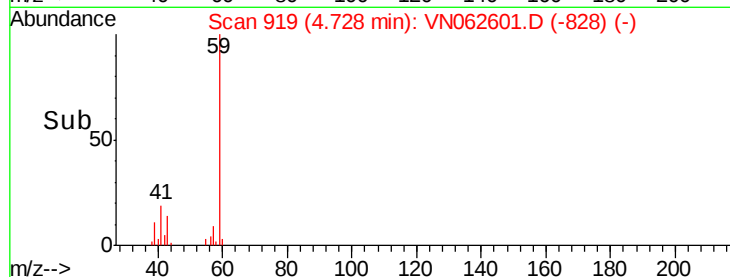
4000

2000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 19.363 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

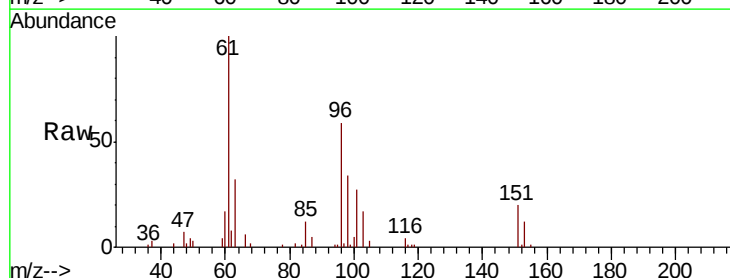
Tgt Ion: 96 Resp: 31700

Ion Ratio Lower Upper

96 100

61 170.3 148.6 222.8

98 57.7 50.6 75.8



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

30000

25000

20000

15000

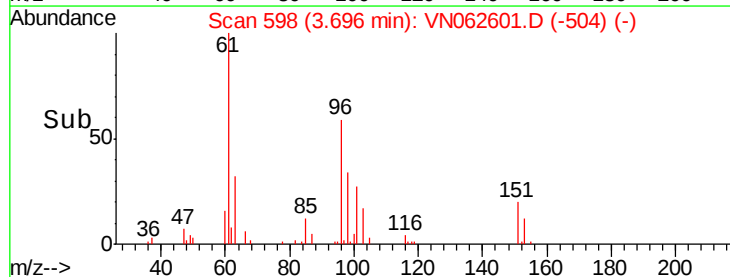
10000

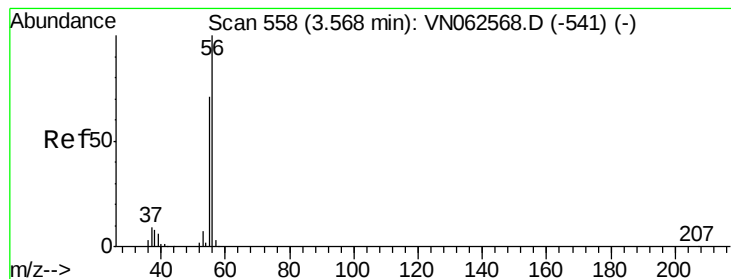
5000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 60.852 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

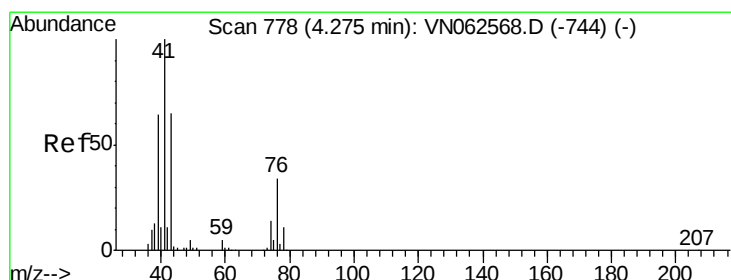
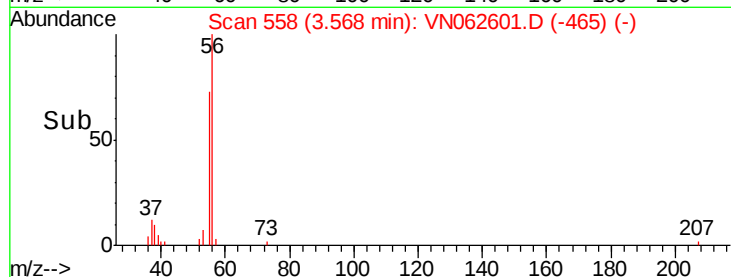
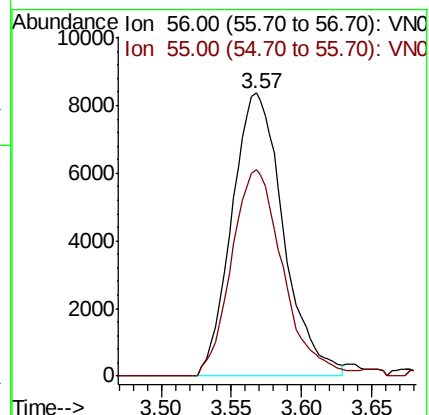
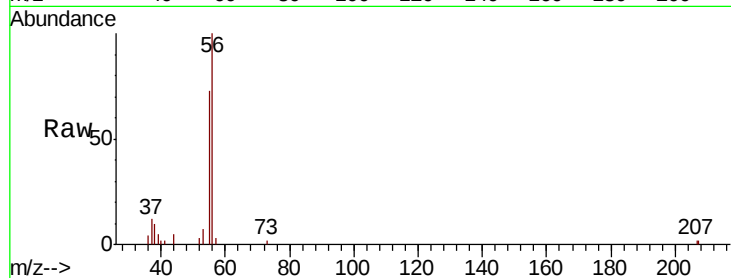
VN0727WBS01

Tot Ion: 56 Resp: 21376

Ion Ratio Lower Upper

56 100

55 72.8 57.0 85.4



#14

Allyl chloride

Concen: 16.330 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

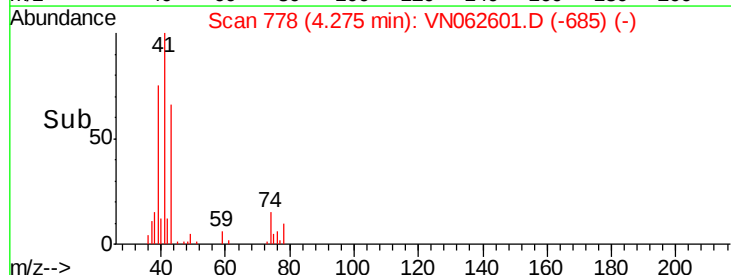
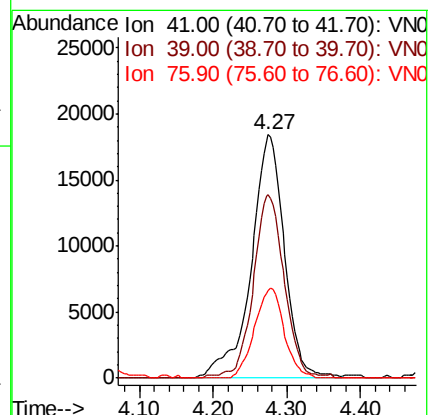
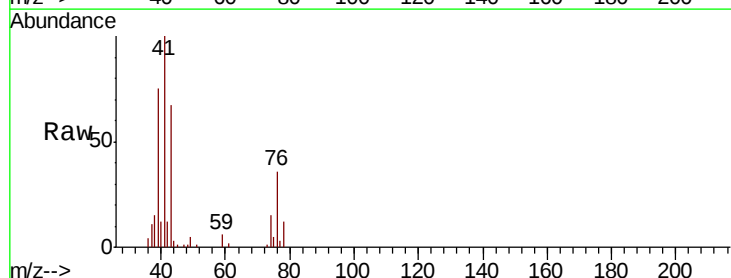
Tgt Ion: 41 Resp: 57831

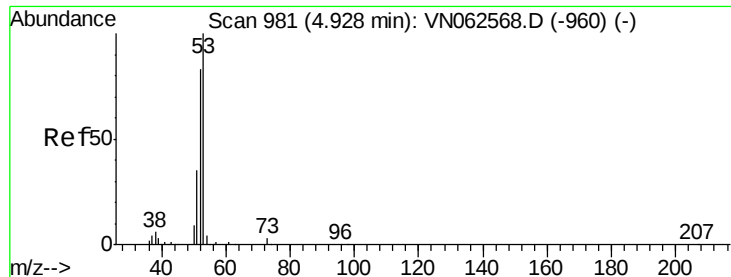
Ion Ratio Lower Upper

41 100

39 66.6 49.0 73.4

76 32.8 24.0 36.0





#15

Acrylonitrile

Concen: 83.048 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

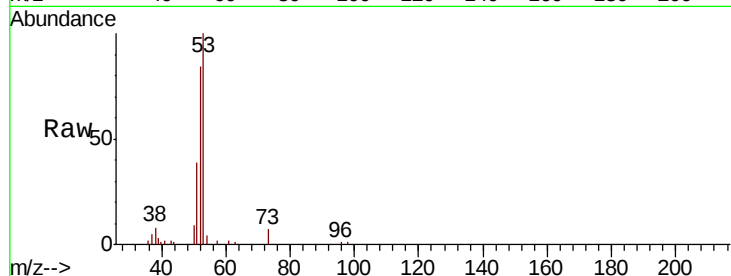
Tot Ion: 53 Resp: 84050

Ion Ratio Lower Upper

53 100

52 84.8 66.3 99.5

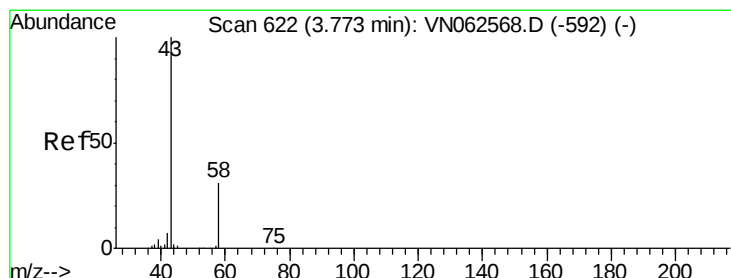
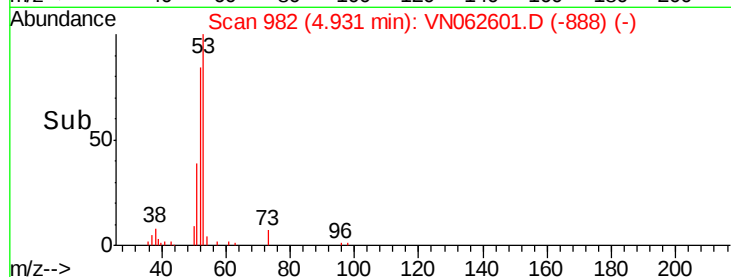
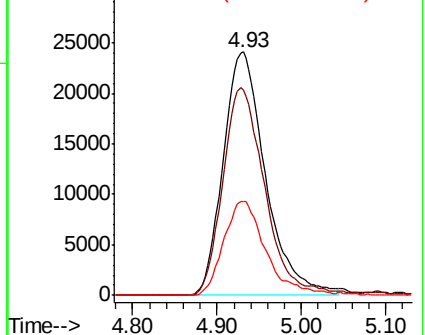
51 38.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062568.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062568.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062568.D (-960) (-)



#16

Acetone

Concen: 93.726 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062601.D

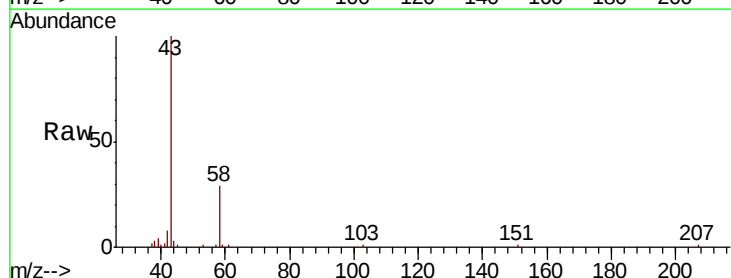
Acq: 27 Jul 2020 16:19

Tgt Ion: 43 Resp: 83774

Ion Ratio Lower Upper

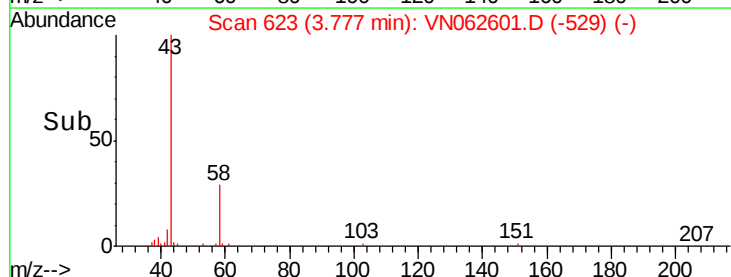
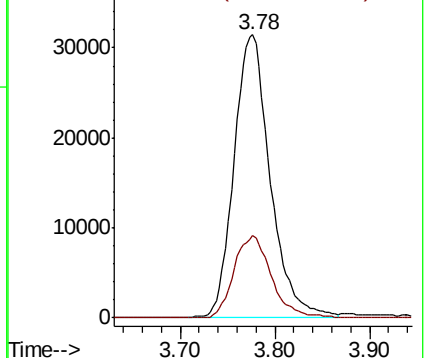
43 100

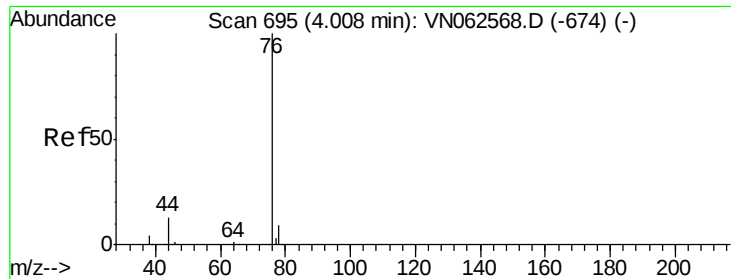
58 29.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-592) (-)

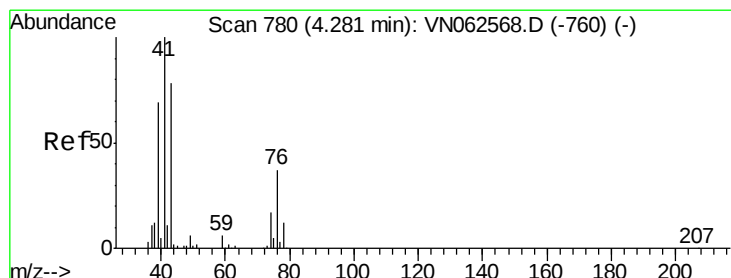
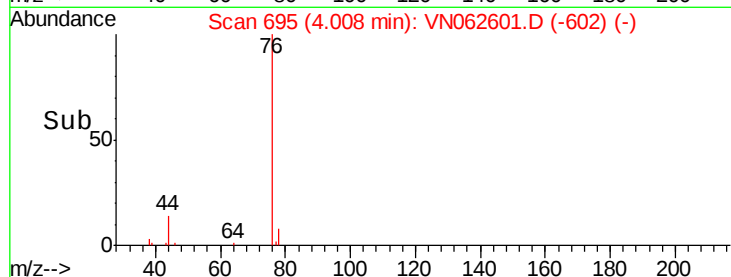
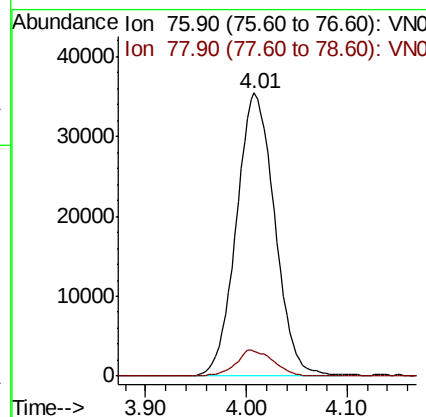
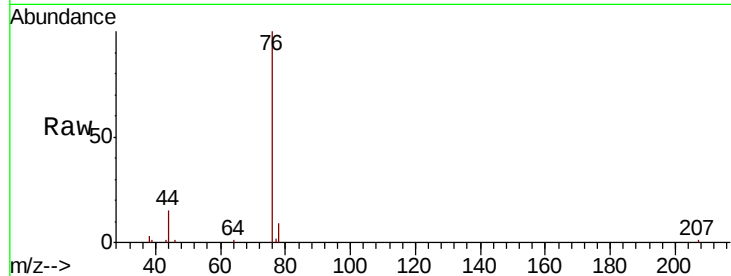




#17
Carbon Disulfide
Concen: 17.370 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

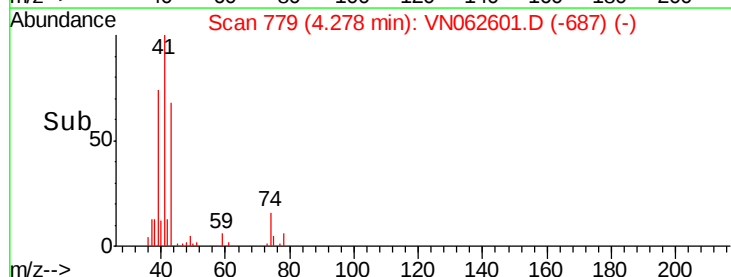
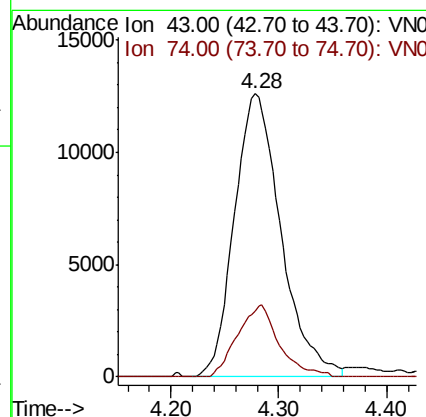
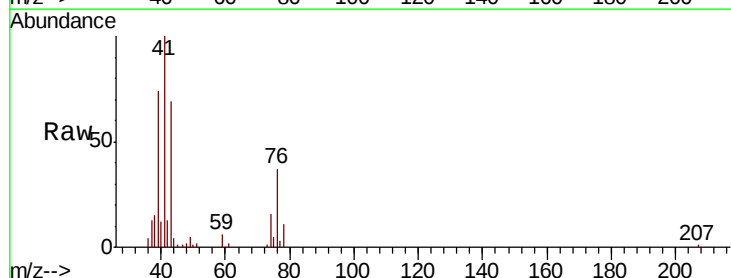
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

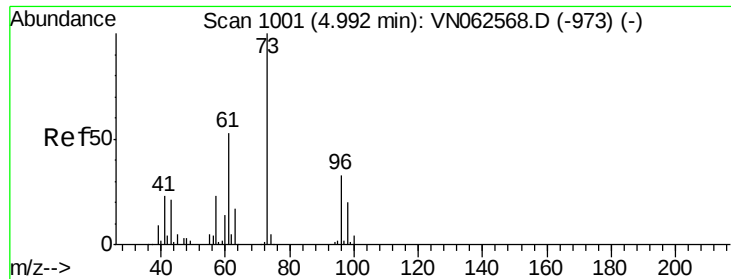
Tot Ion: 76 Resp: 93438
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 16.767 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 43 Resp: 37940
Ion Ratio Lower Upper
43 100
74 22.7 16.6 24.8

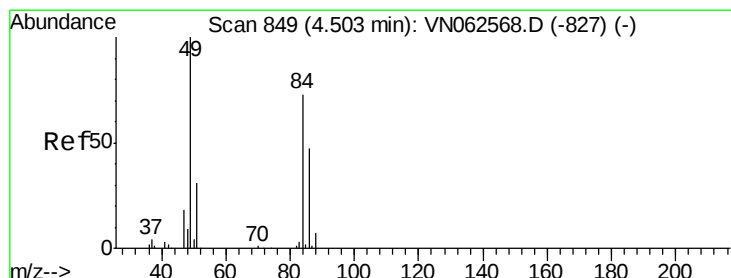
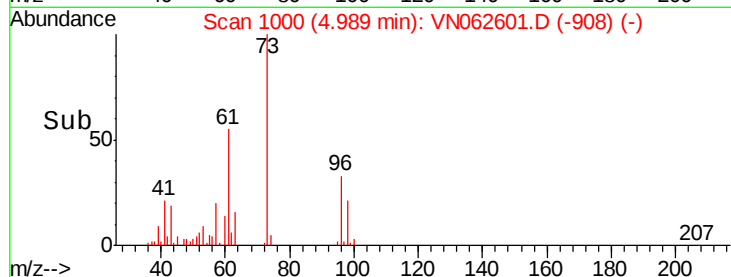
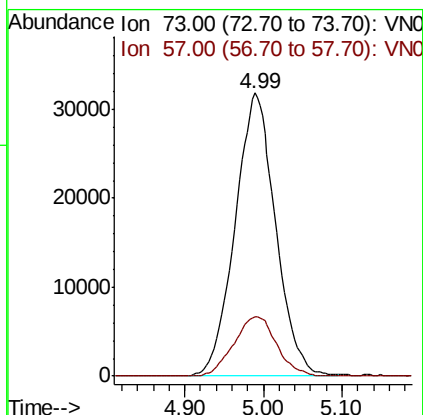
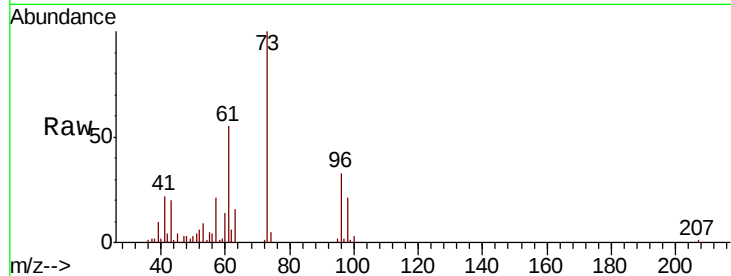




#19
Methvl tert-butvl Ether
Concen: 19.071 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

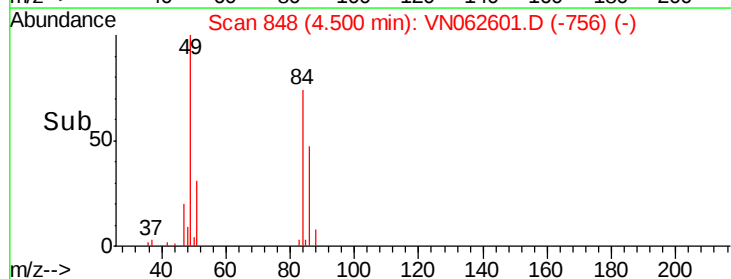
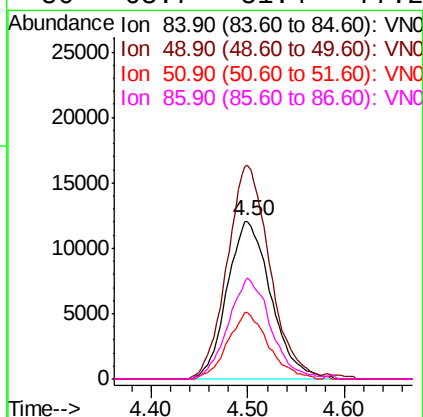
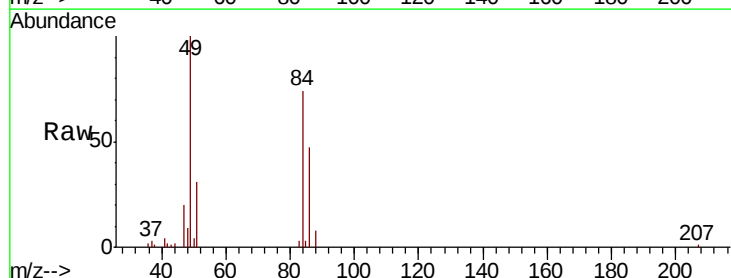
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

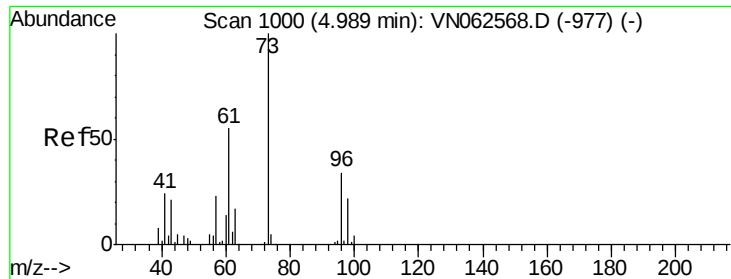
Tot Ion: 73 Resp: 114920
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8



#20
Methylene Chloride
Concen: 17.686 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 84 Resp: 37915
Ion Ratio Lower Upper
84 100
49 135.1 109.4 164.0
51 42.1 33.6 50.4
86 63.7 51.4 77.2

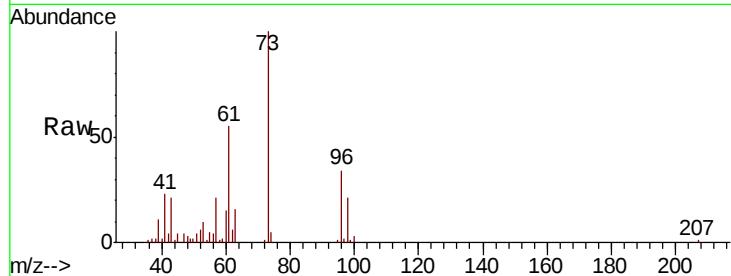




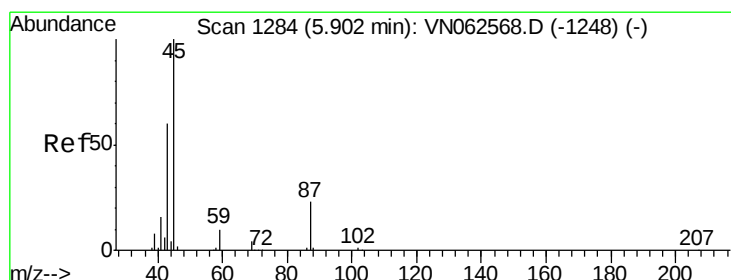
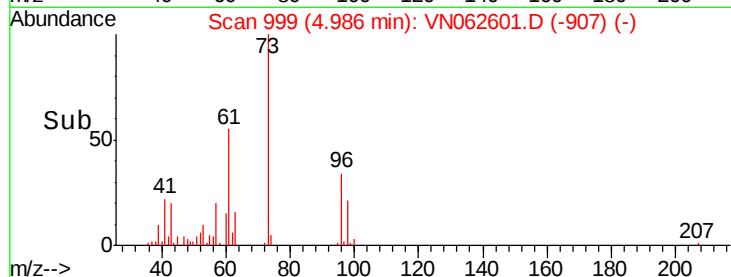
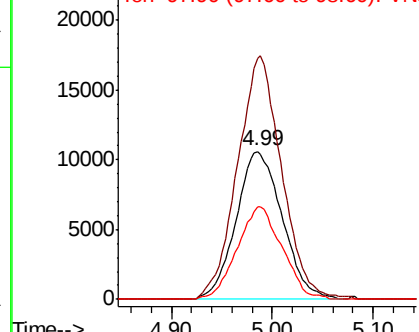
#21
trans-1,2-Dichloroethene
Concen: 18.561 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tot Ion: 96 Resp: 33727
Ion Ratio Lower Upper
96 100
61 163.2 128.6 192.8
98 62.2 50.6 76.0

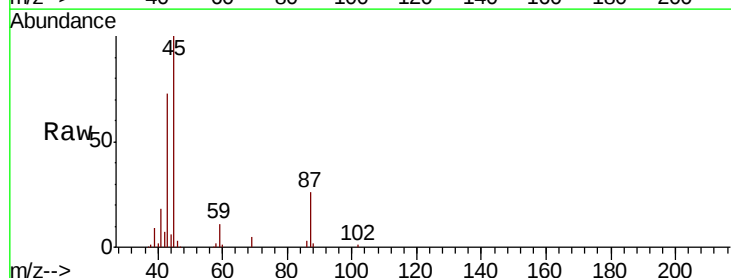


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

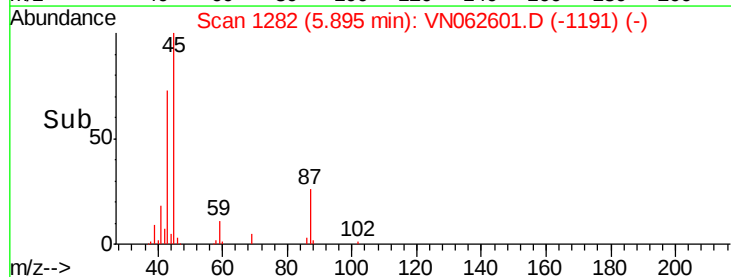
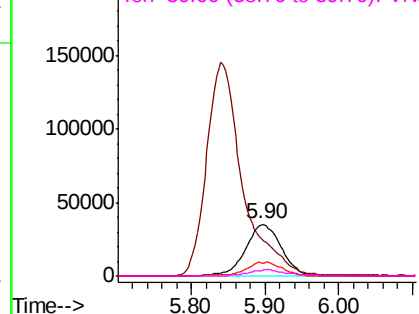


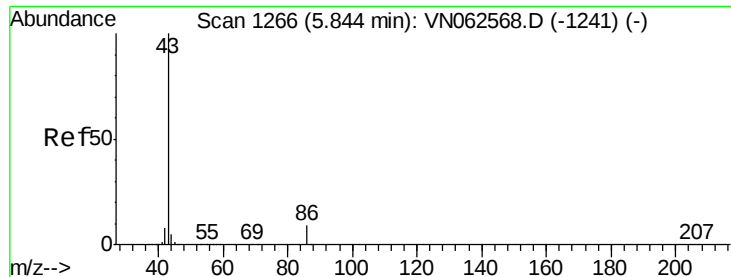
#22
Diisopropyl ether
Concen: 16.928 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 45 Resp: 119163
Ion Ratio Lower Upper
45 100
43 70.5 48.7 73.1
87 25.9 19.0 28.6
59 10.9 8.6 13.0



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

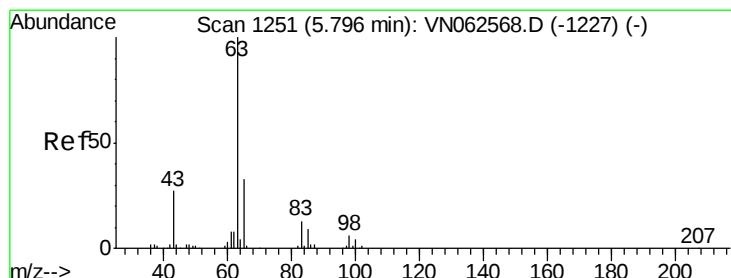
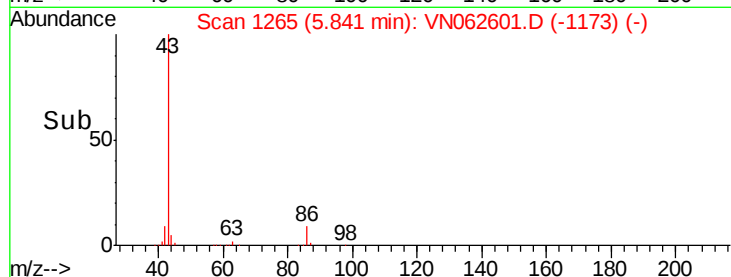
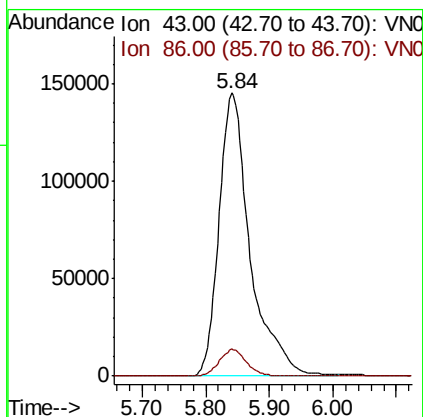
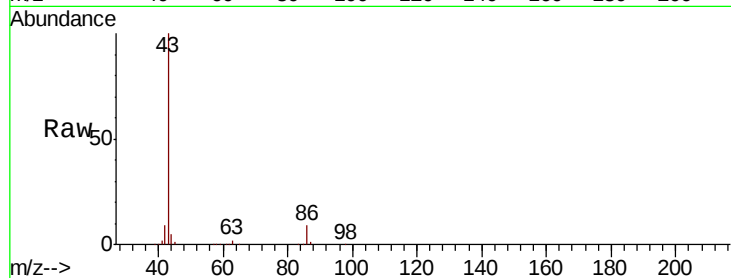




#23
 Vinyl Acetate
 Concen: 85.890 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

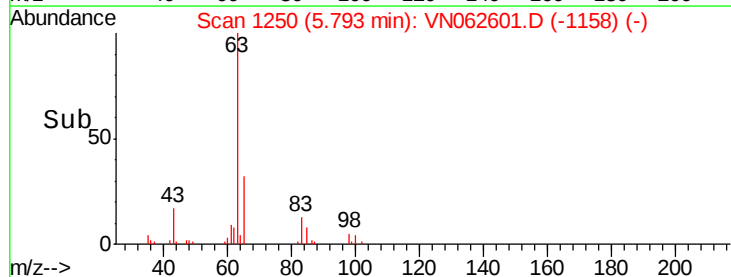
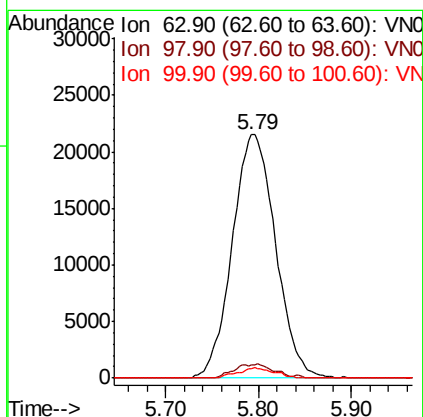
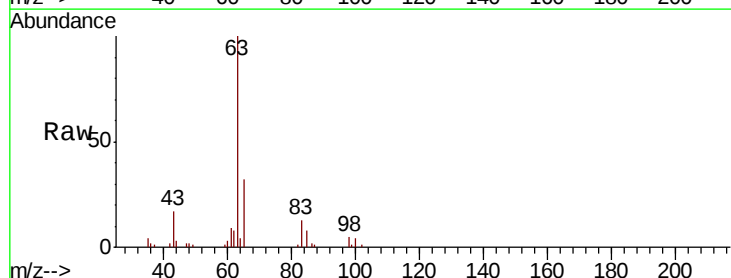
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

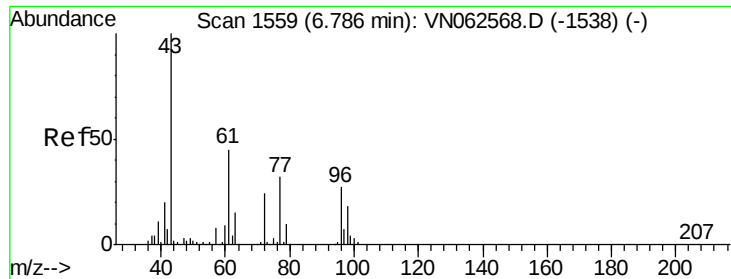
Tot Ion: 43 Resp: 495401
 Ion Ratio Lower Upper
 43 100
 86 9.5 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 18.401 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Tgt Ion: 63 Resp: 69753
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.9 8.8
 100 4.0 1.8 5.4

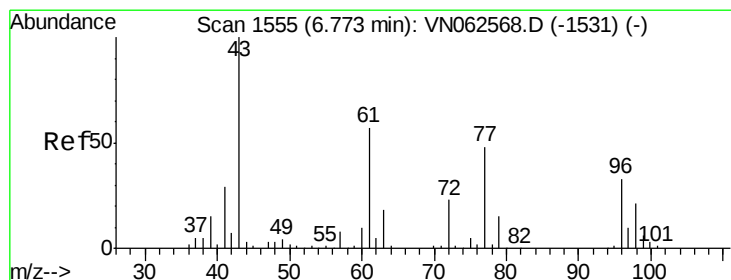
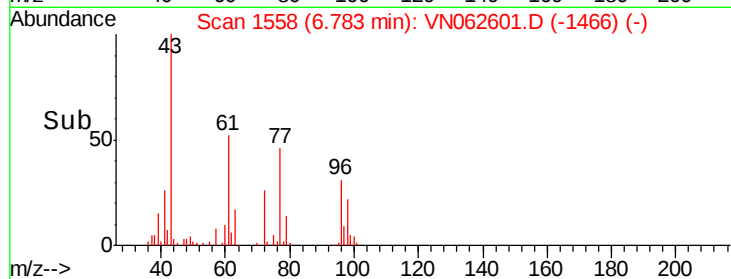
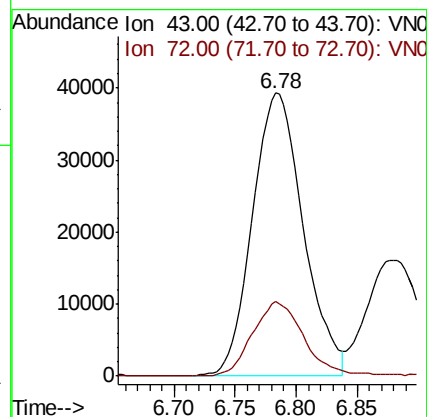
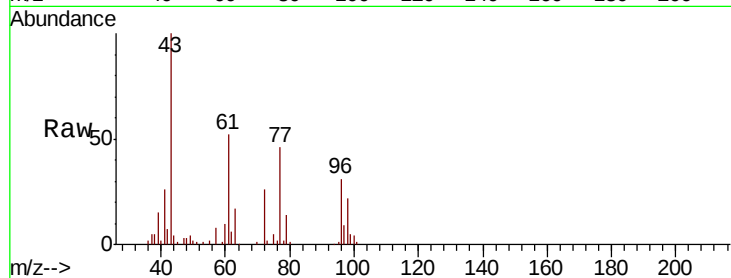




#25
2-Butanone
Concen: 83.482 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

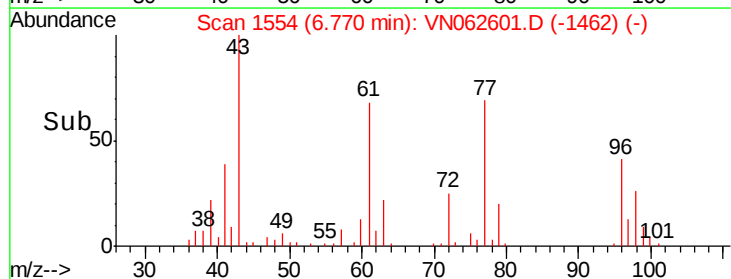
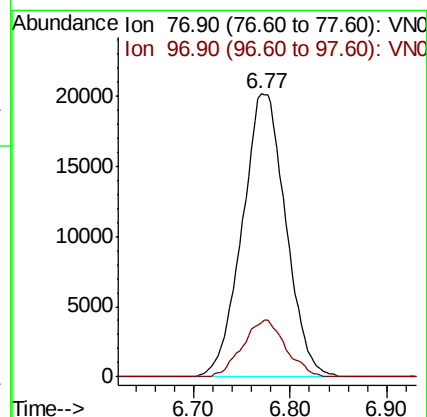
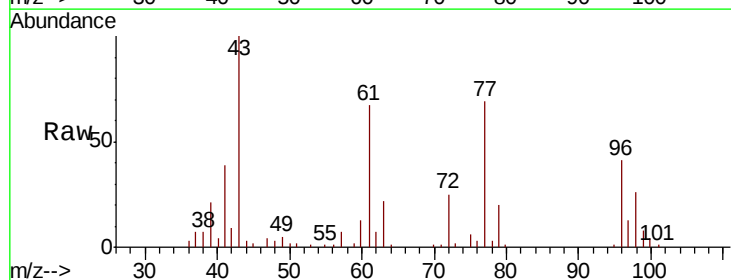
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

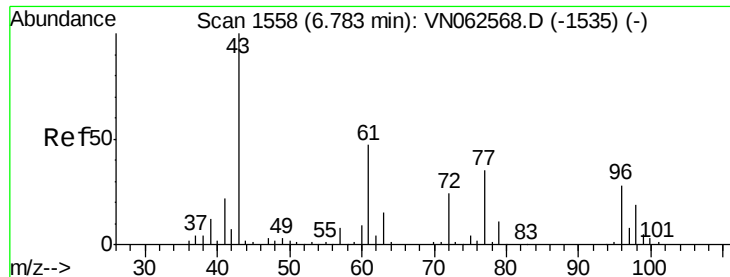
Tot Ion: 43 Resp: 113640
Ion Ratio Lower Upper
43 100
72 26.4 19.0 28.6



#26
2,2-Dichloropropane
Concen: 20.275 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 77 Resp: 63090
Ion Ratio Lower Upper
77 100
97 19.8 10.8 32.4

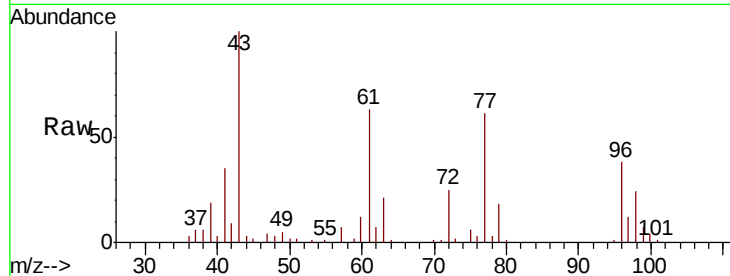




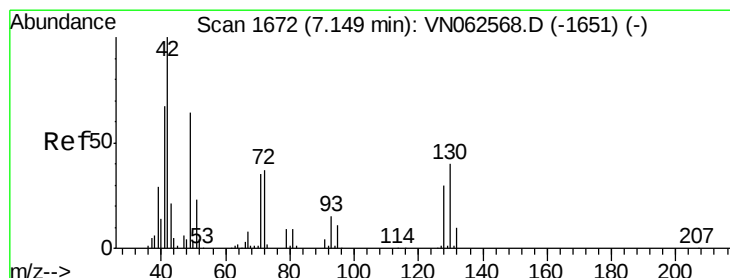
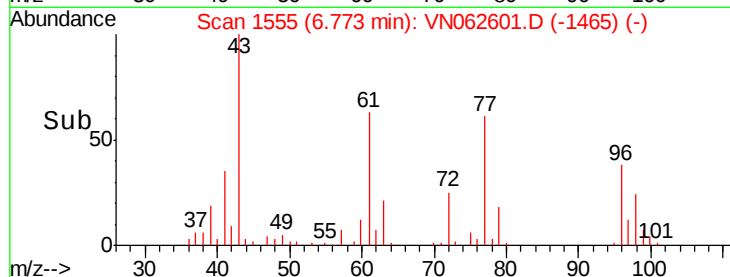
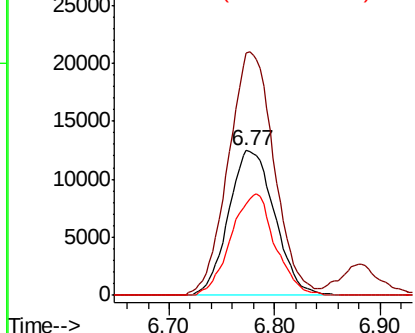
#27
 cis-1,2-Dichloroethene
 Concen: 18.244 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0727WBS01

Tot Ion: 96 Resp: 37827
 Ion Ratio Lower Upper
 96 100
 61 167.3 0.0 332.4
 98 67.1 0.0 127.4

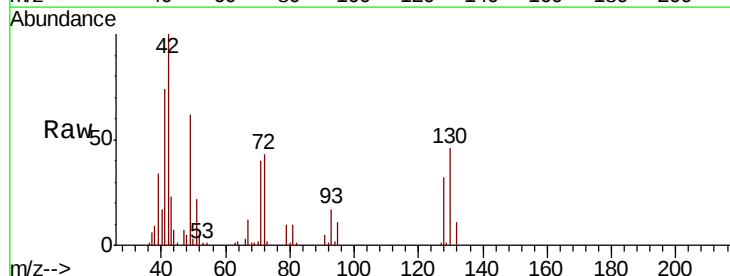


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

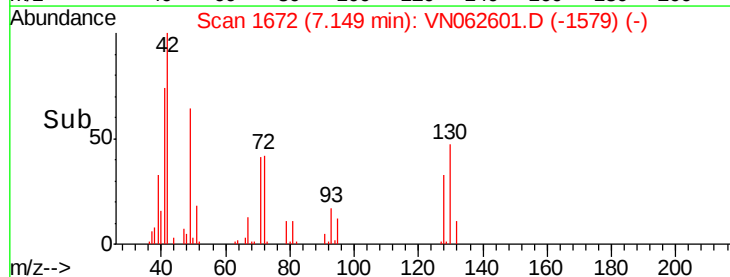
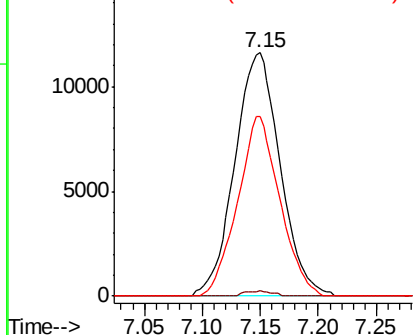


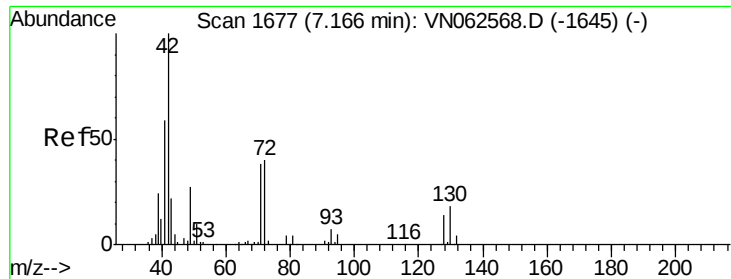
#28
 Bromochloromethane
 Concen: 16.948 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Tgt Ion: 49 Resp: 31616
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 68.6 49.8 74.8



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

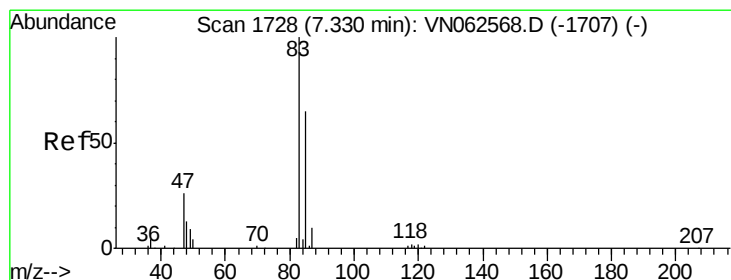
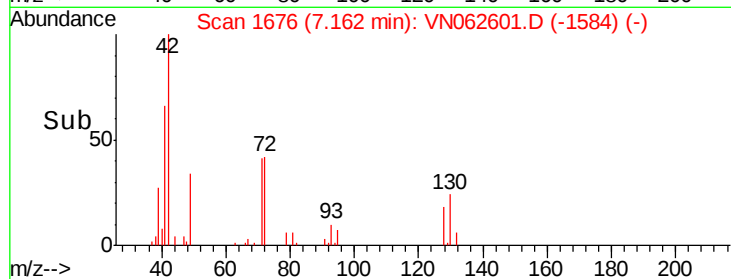
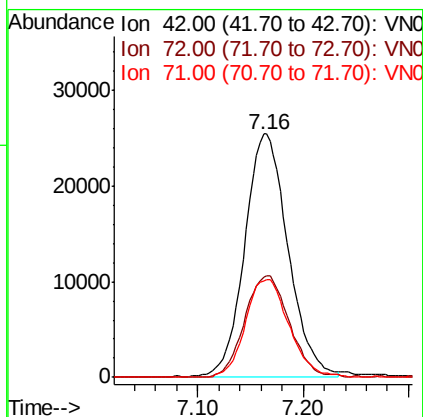
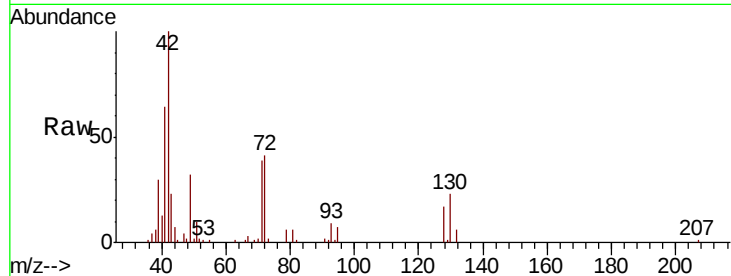




#29
Tetrahydrofuran
Concen: 79.323 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

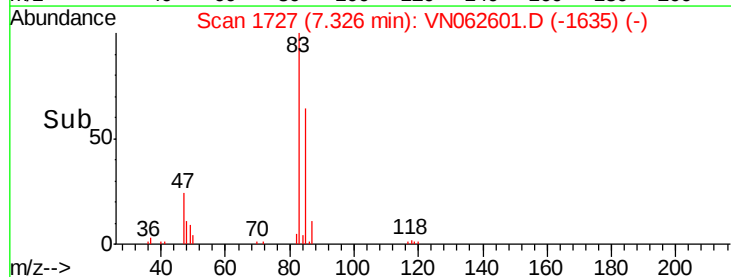
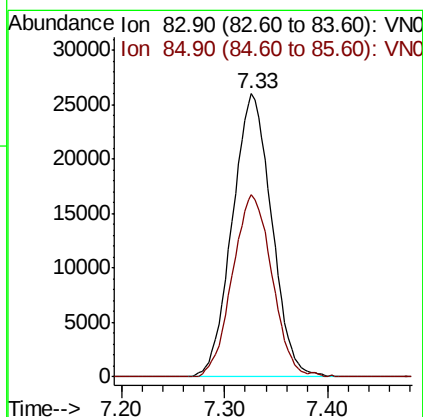
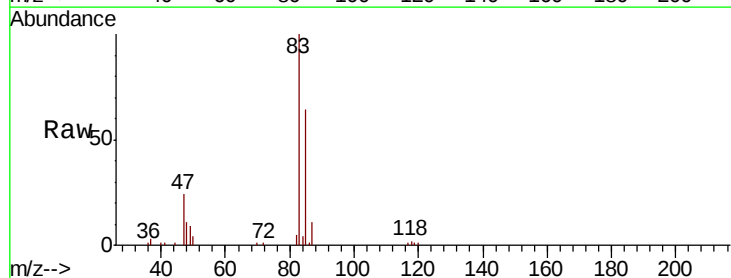
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

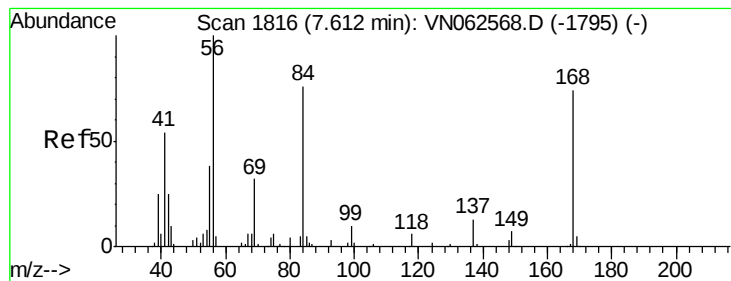
Tot Ion: 42 Resp: 73065
Ion Ratio Lower Upper
42 100
72 42.4 30.7 46.1
71 40.3 29.1 43.7



#30
Chloroform
Concen: 19.120 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 83 Resp: 68910
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0





#31

Cyclohexane

Concen: 17.446 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

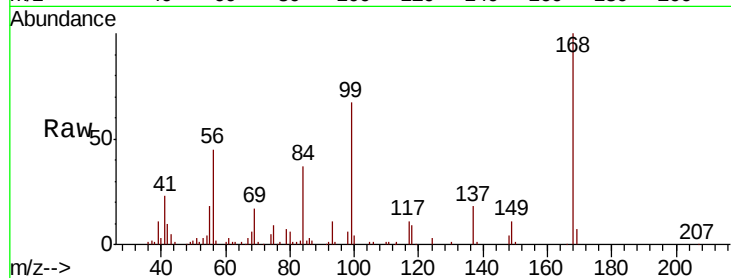
Tot Ion: 56 Resp: 61059

Ion Ratio Lower Upper

56 100

69 38.7 25.3 37.9#

84 81.5 61.0 91.4

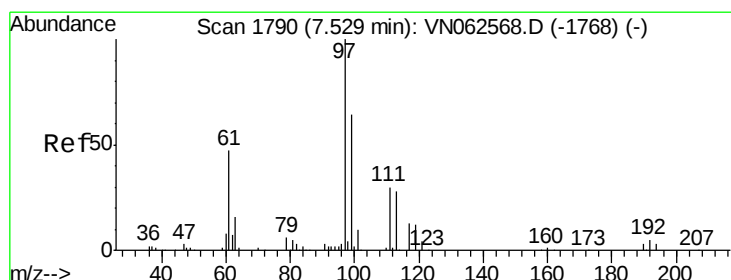
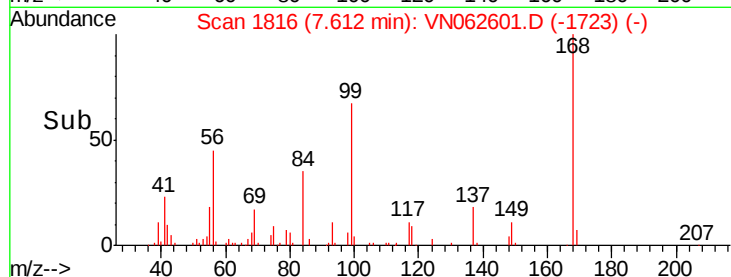
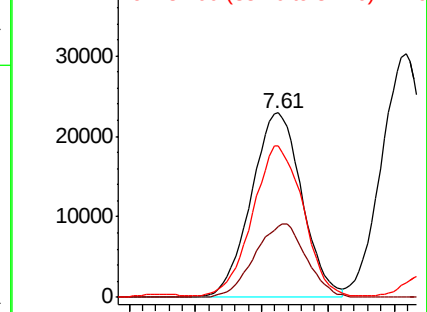


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.681 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

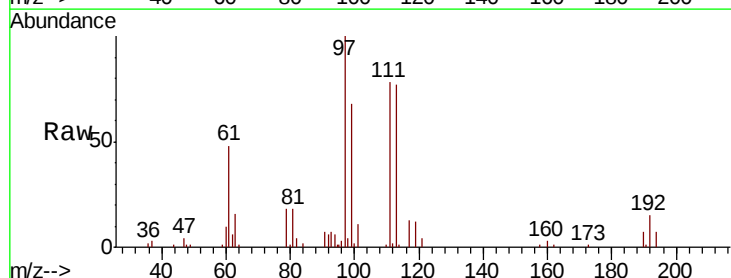
Tgt Ion: 97 Resp: 62230

Ion Ratio Lower Upper

97 100

99 64.3 51.2 76.8

61 46.6 38.4 57.6

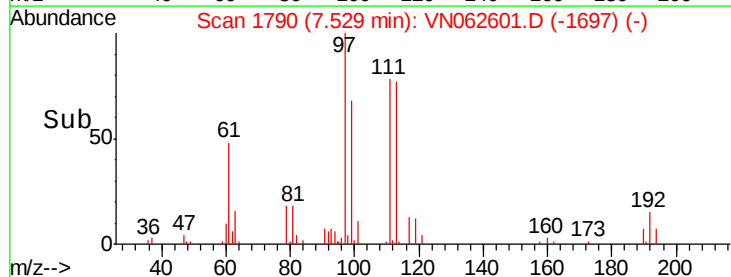
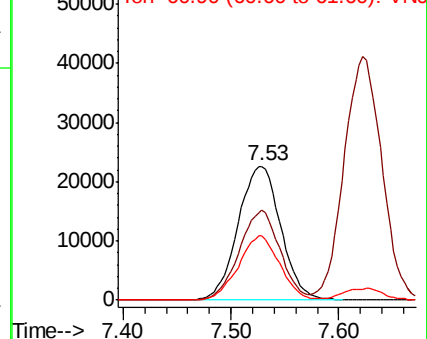


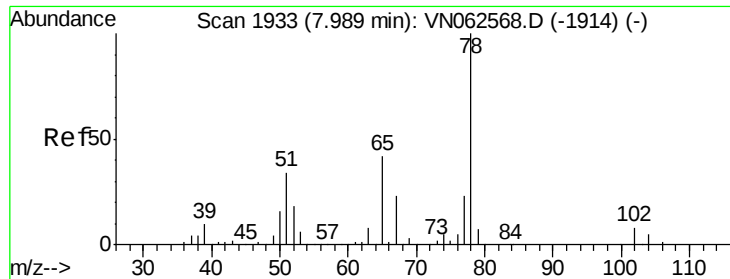
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.274 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

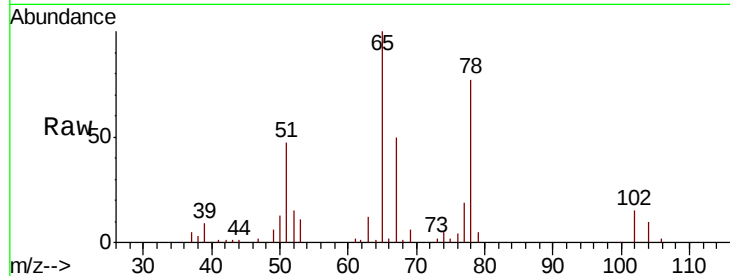
VN0727WBS01

Tot Ion: 65 Resp: 117037

Ion Ratio Lower Upper

65 100

67 50.5 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062568.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062568.D (-1914) (-)

7.99

60000

50000

40000

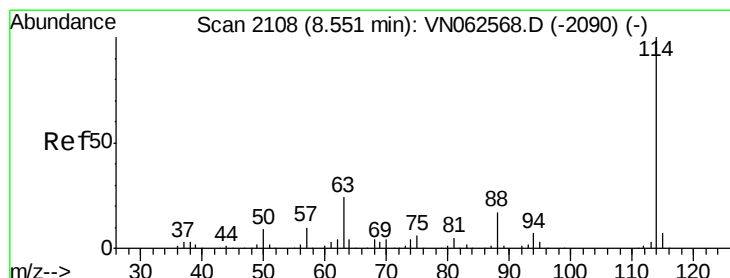
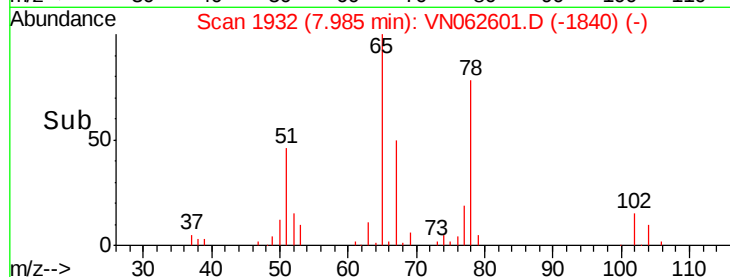
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

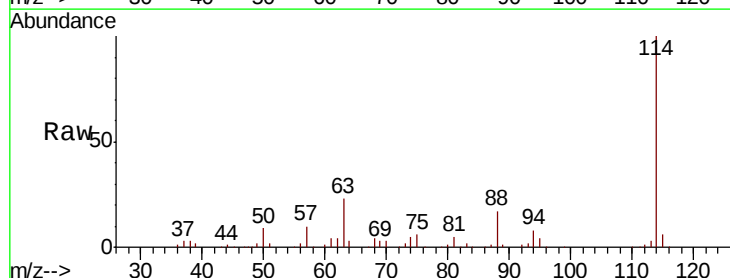
Tgt Ion:114 Resp: 244223

Ion Ratio Lower Upper

114 100

63 23.4 0.0 48.4

88 17.4 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062568.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062568.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062568.D (-2090) (-)

8.55

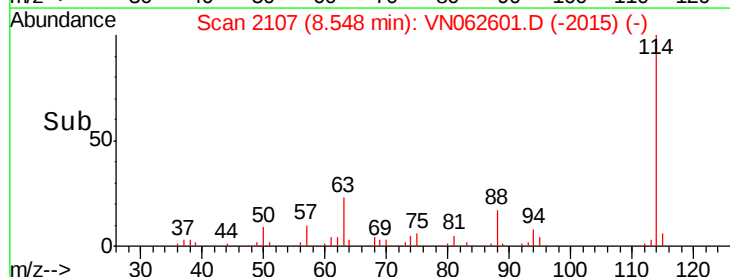
150000

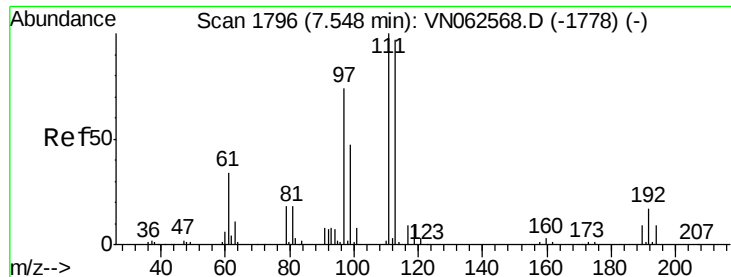
100000

50000

0

Time-->

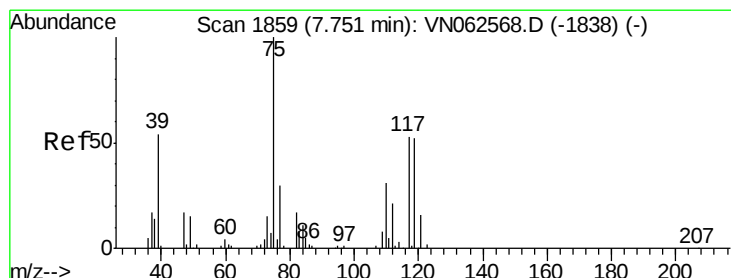
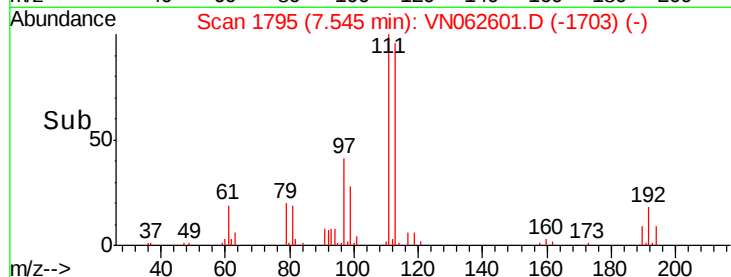
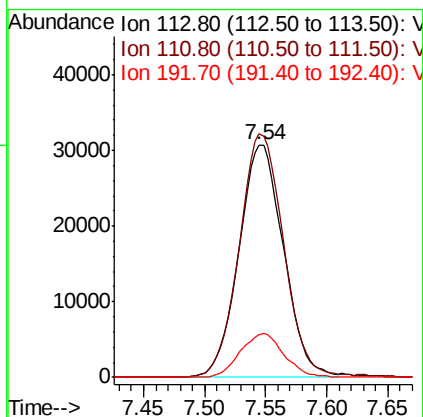
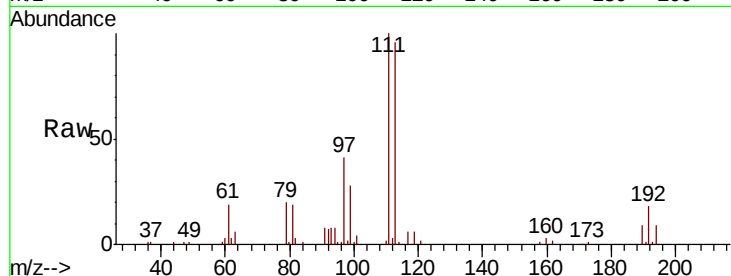




#35
Dibromofluoromethane
Concen: 48.506 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

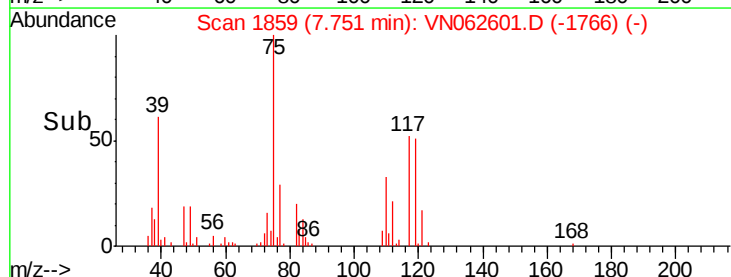
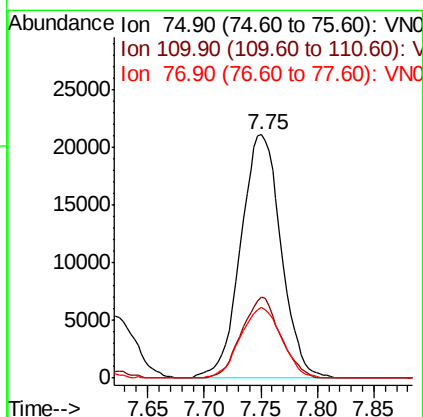
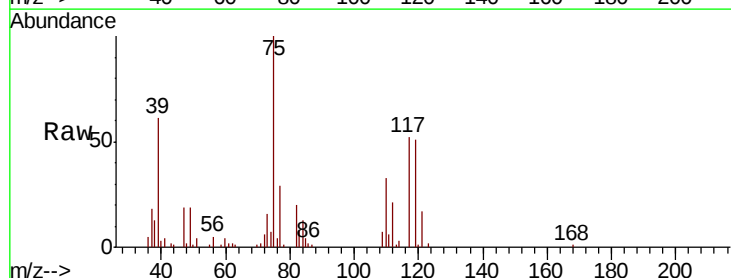
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

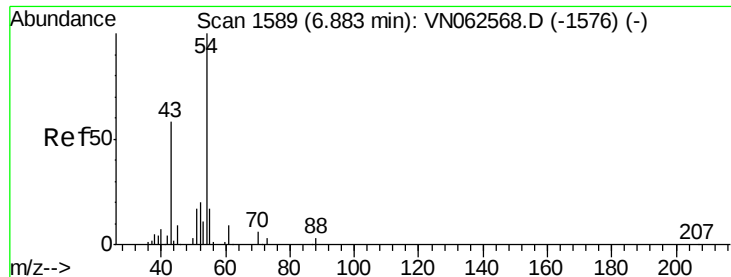
Tot Ion:113 Resp: 77813
Ion Ratio Lower Upper
113 100
111 104.1 82.7 124.1
192 18.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 20.105 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 75 Resp: 52336
Ion Ratio Lower Upper
75 100
110 31.9 16.0 48.0
77 29.6 24.6 36.8

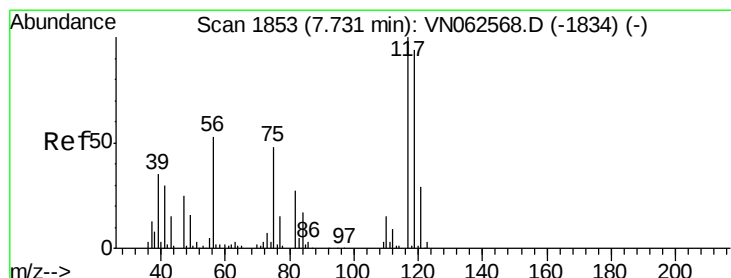
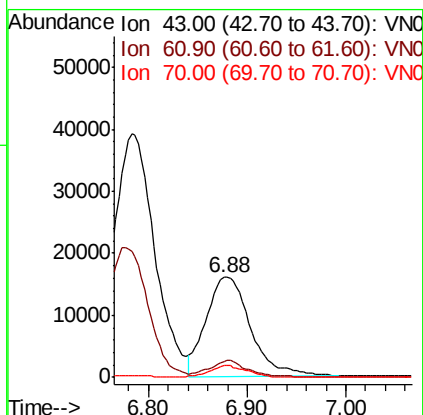
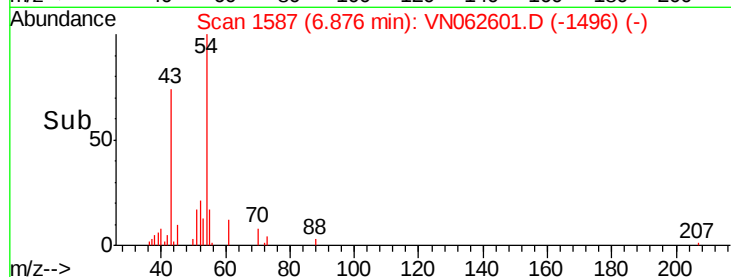
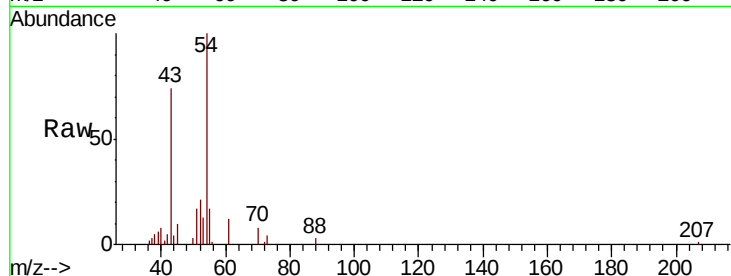




#37
Ethyl Acetate
Concen: 17.768 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

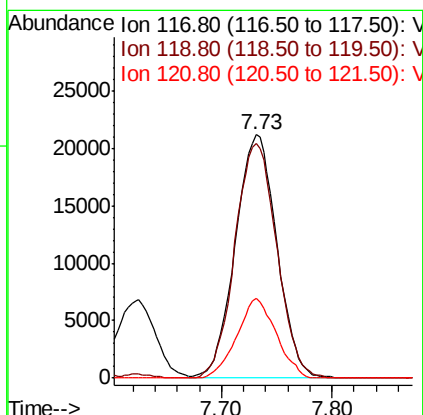
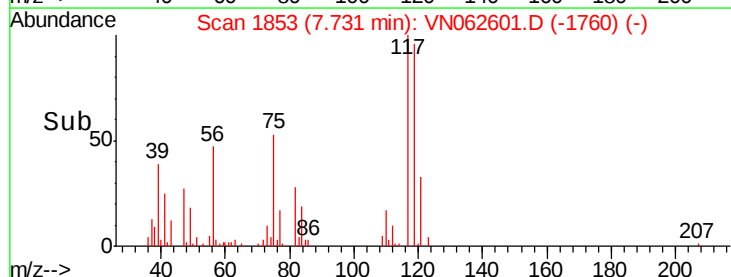
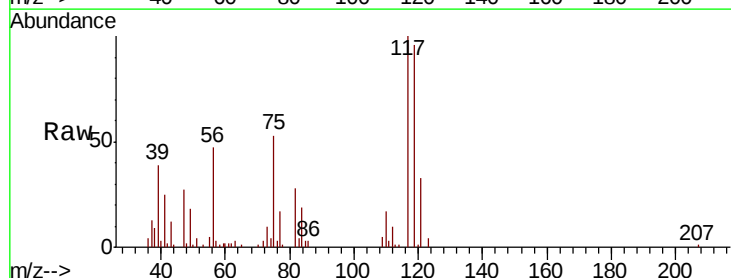
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

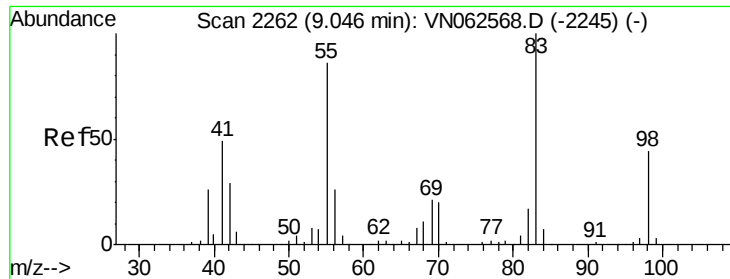
Tot Ion: 43 Resp: 49858
Ion Ratio Lower Upper
43 100
61 15.1 11.3 16.9
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 22.063 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 117 Resp: 55205
Ion Ratio Lower Upper
117 100
119 96.2 74.8 112.2
121 32.9 23.0 34.6

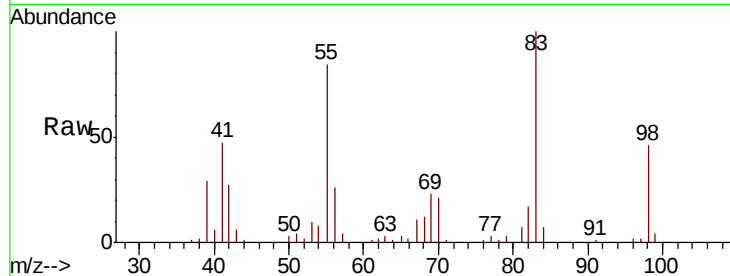




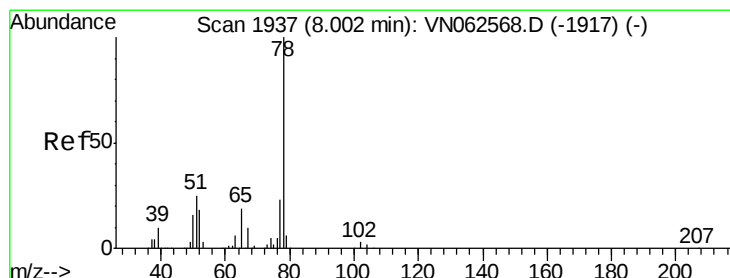
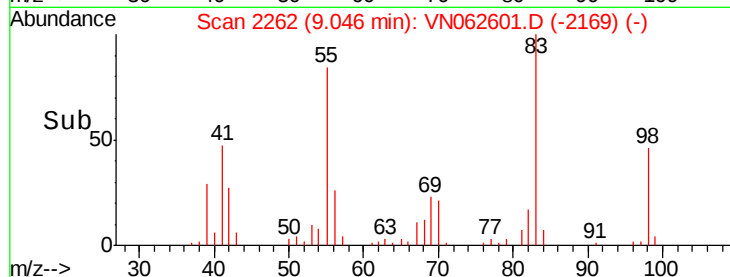
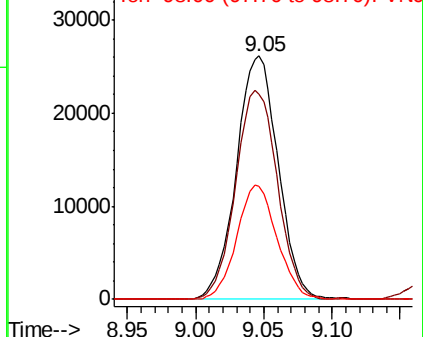
#39
Methvlcvclohexane
Concen: 19.839 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tot Ion: 83 Resp: 55594
Ion Ratio Lower Upper
83 100
55 84.3 68.9 103.3
98 46.4 35.1 52.7

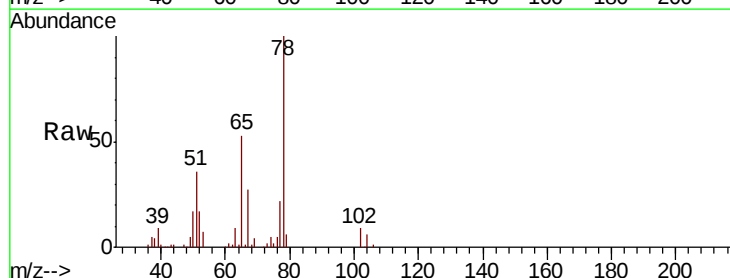


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

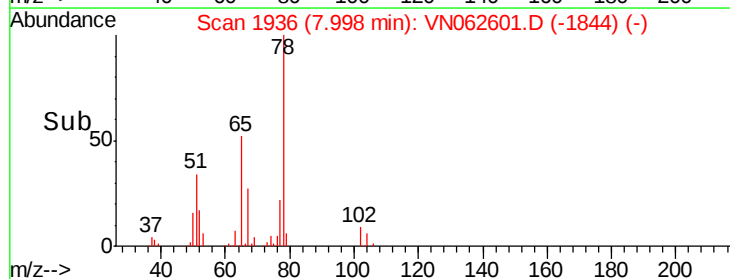
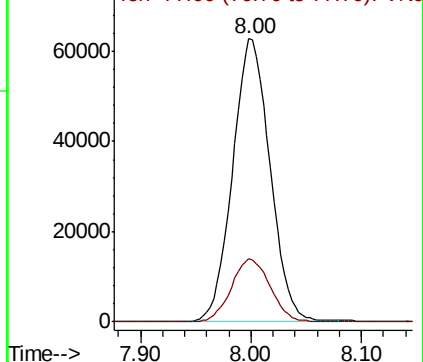


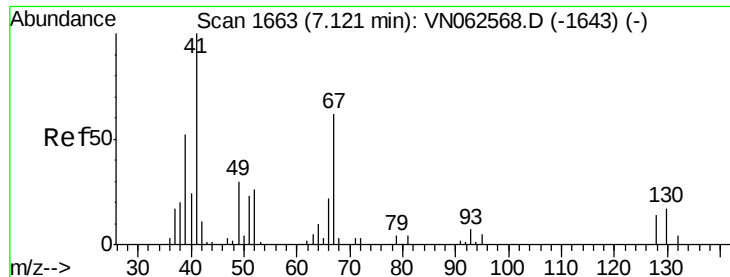
#40
Benzene
Concen: 18.717 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 78 Resp: 147510
Ion Ratio Lower Upper
78 100
77 22.3 18.7 28.1



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

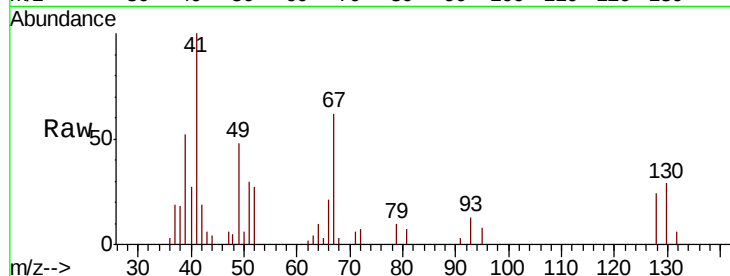




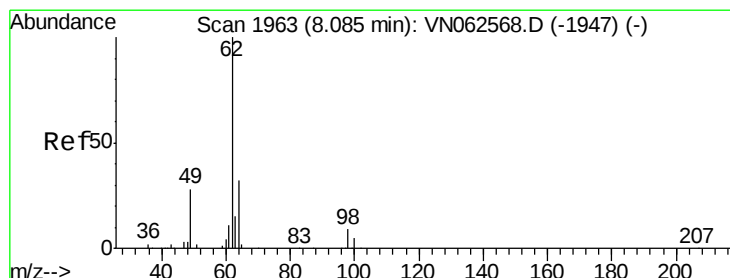
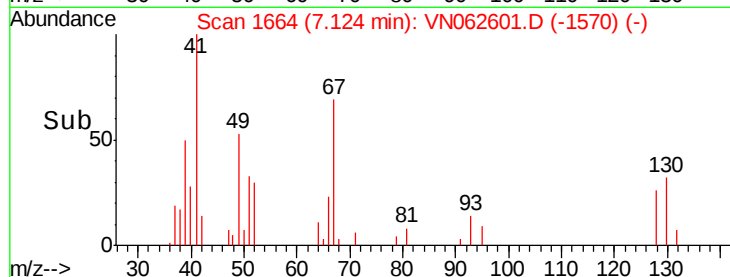
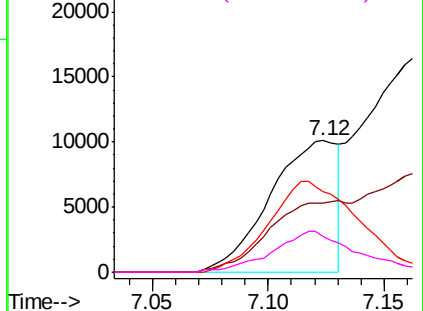
#41
Methacrylonitrile
Concen: 17.074 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tot Ion: 41 Resp: 20534
Ion Ratio Lower Upper
41 100
39 65.0 55.8 83.6
67 93.2 72.5 108.7
52 39.3 31.8 47.8

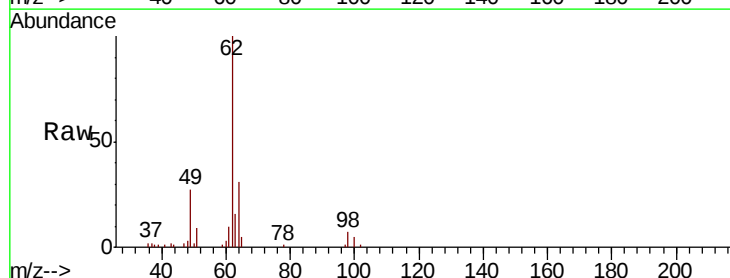


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

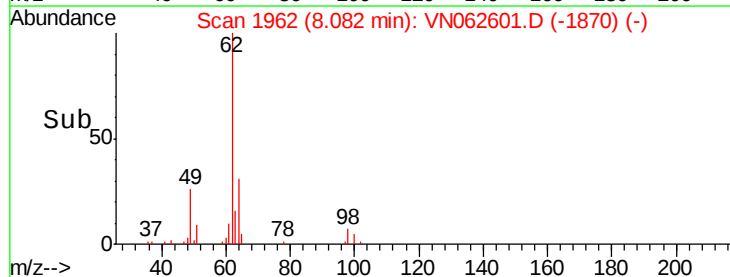
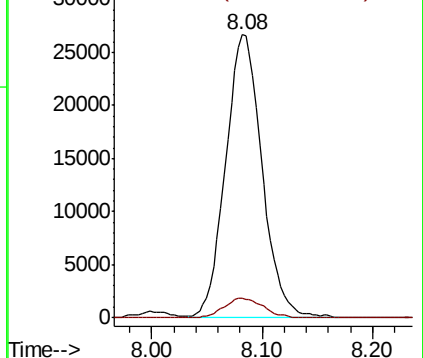


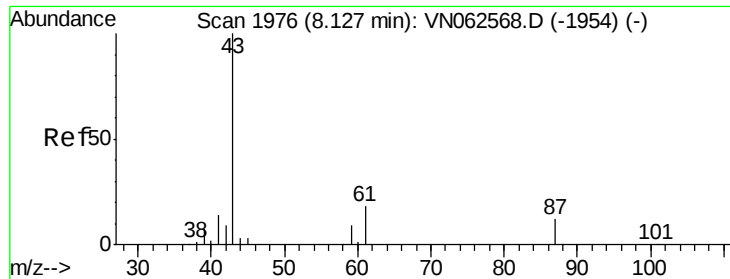
#42
1,2-Dichloroethane
Concen: 21.218 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 62 Resp: 61133
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.2



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





#43

Isopropyl Acetate

Concen: 18.058 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

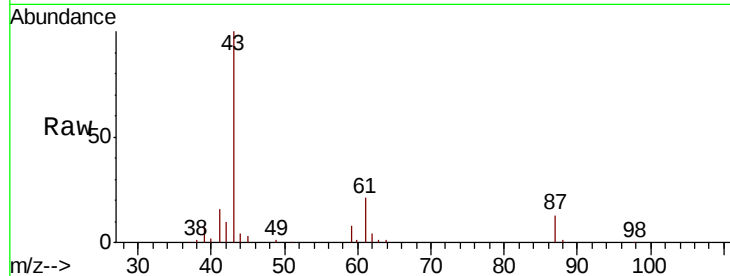
Tot Ion: 43 Resp: 81685

Ion Ratio Lower Upper

43 100

61 27.1 20.8 31.2

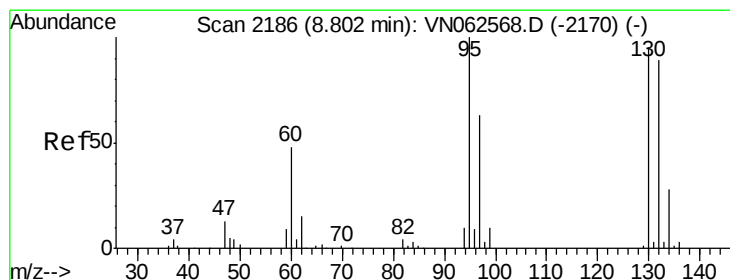
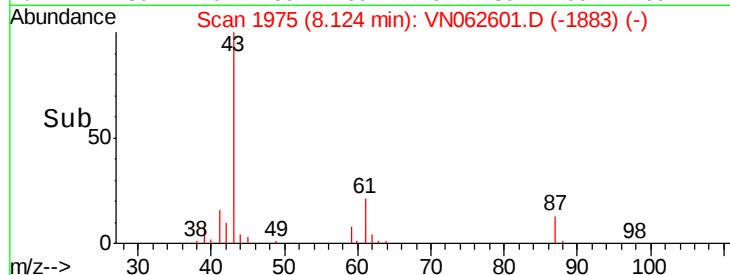
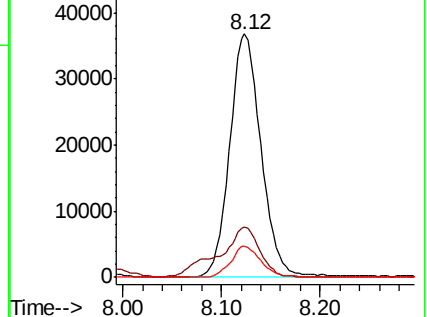
87 12.2 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062601.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062601.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062601.D (-1883) (-)



#44

Trichloroethene

Concen: 19.787 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062601.D

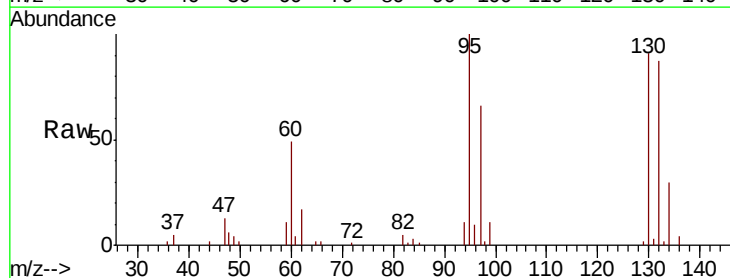
Acq: 27 Jul 2020 16:19

Tgt Ion:130 Resp: 35167

Ion Ratio Lower Upper

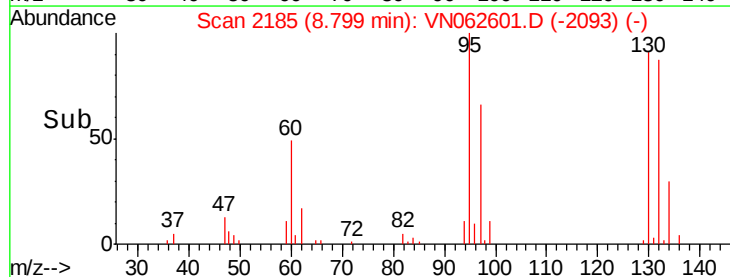
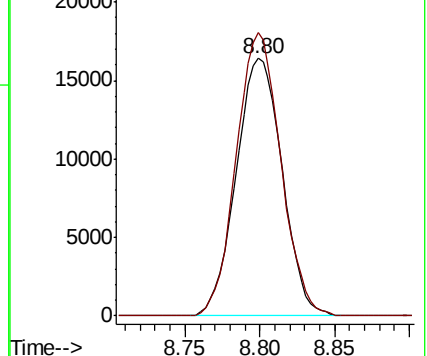
130 100

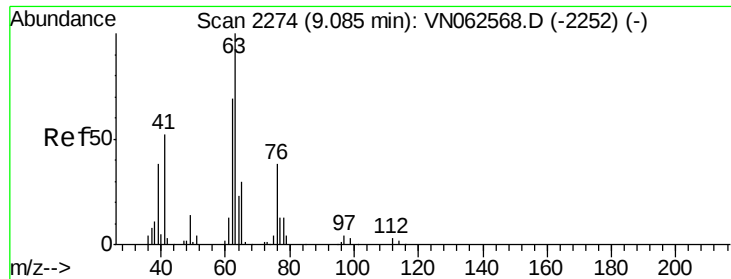
95 109.8 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062601.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062601.D (-2093) (-)

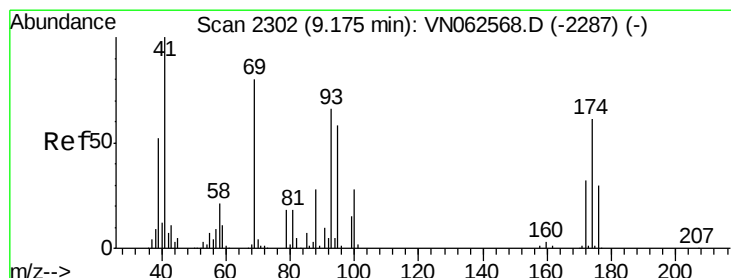
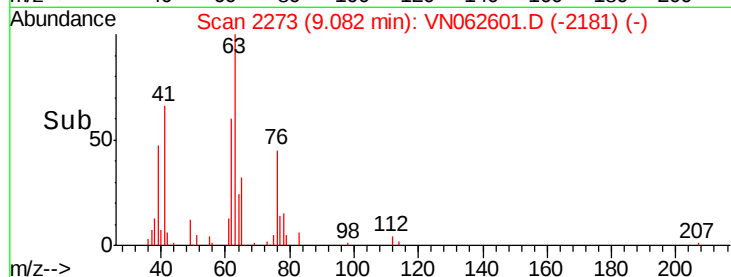
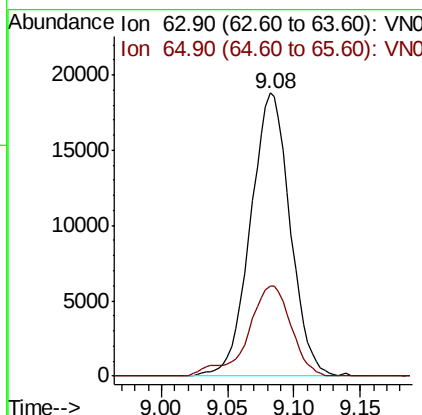
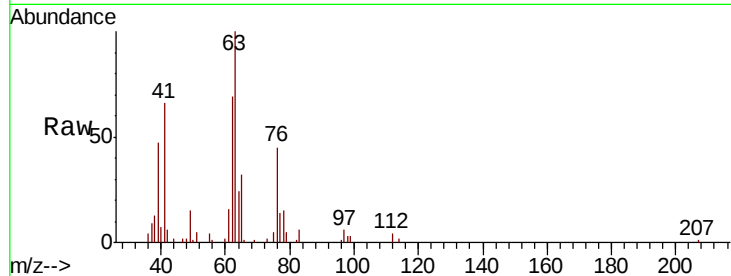




#45
 1,2-Dichloropropane
 Concen: 17.618 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

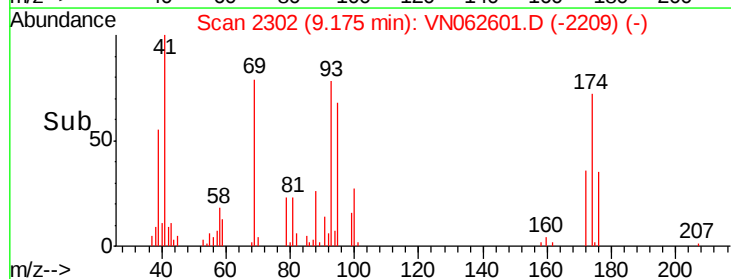
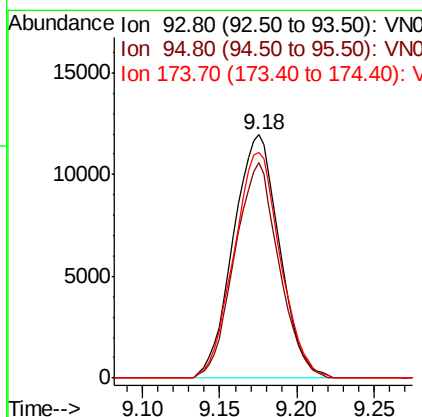
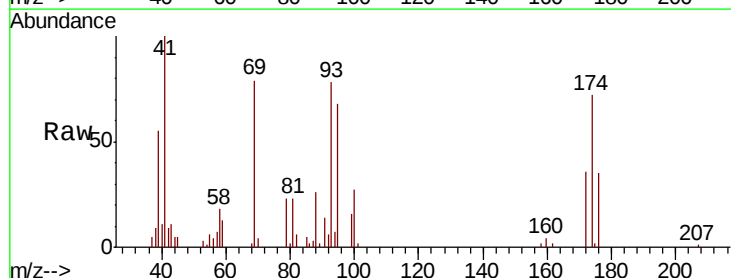
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

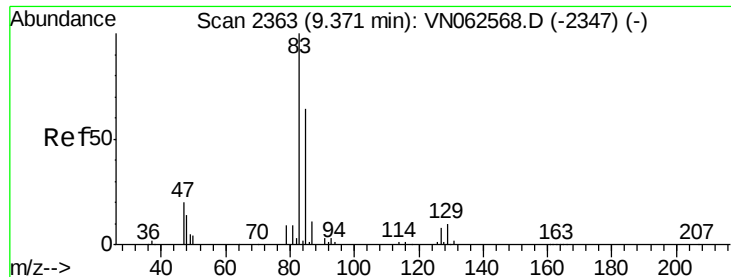
Tot Ion: 63 Resp: 38985
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.4 36.6



#46
 Dibromomethane
 Concen: 19.396 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Tgt Ion: 93 Resp: 24805
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.6 101.4
 174 93.2 72.5 108.7

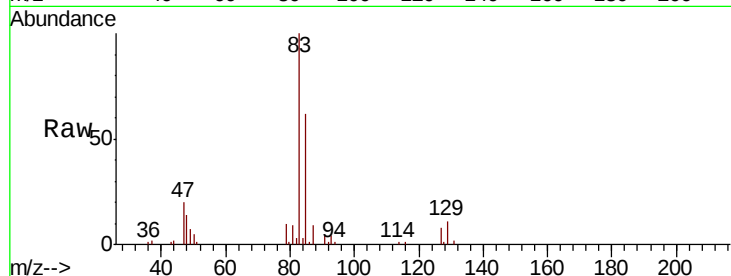




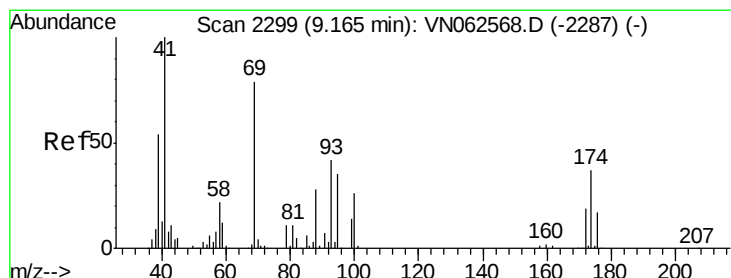
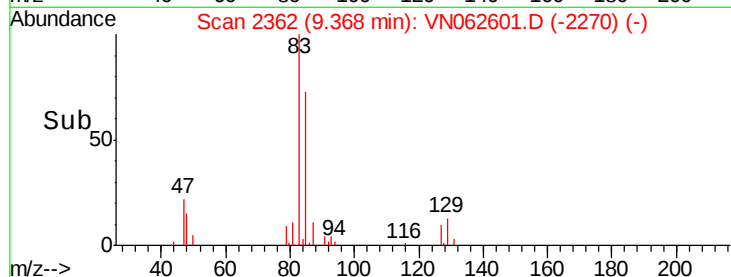
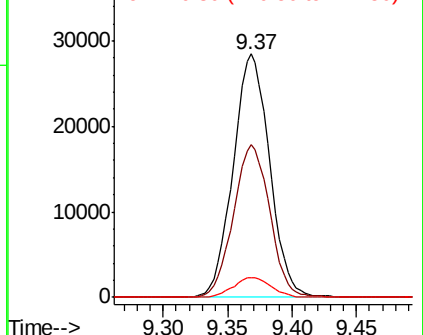
#47
Bromodichloromethane
Concen: 20.204 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tot Ion: 83 Resp: 55980
Ion Ratio Lower Upper
83 100
85 62.5 51.6 77.4
127 8.3 6.2 9.2

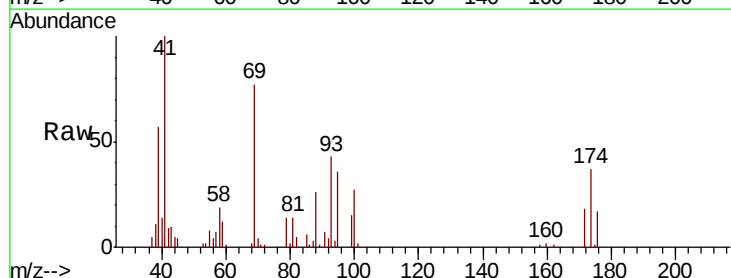


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V

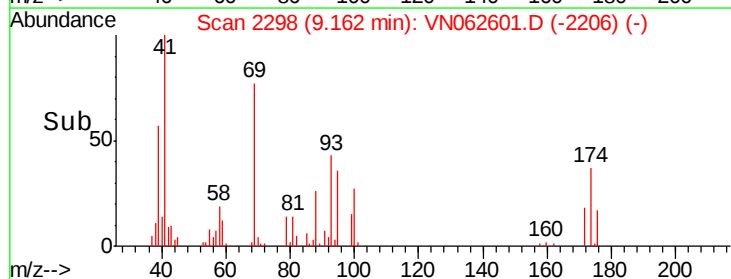
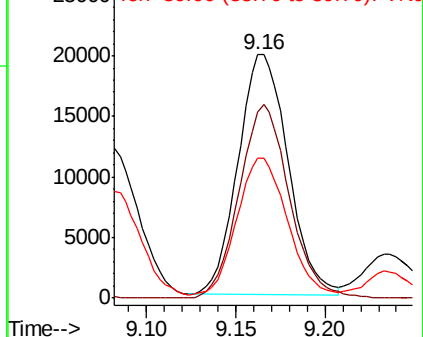


#48
Methyl methacrylate
Concen: 18.042 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 41 Resp: 38796
Ion Ratio Lower Upper
41 100
69 80.9 64.4 96.6
39 57.4 43.5 65.3



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

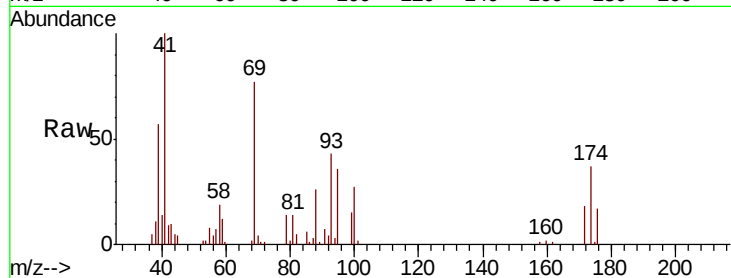




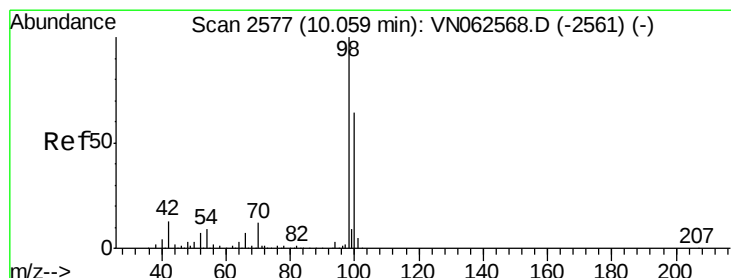
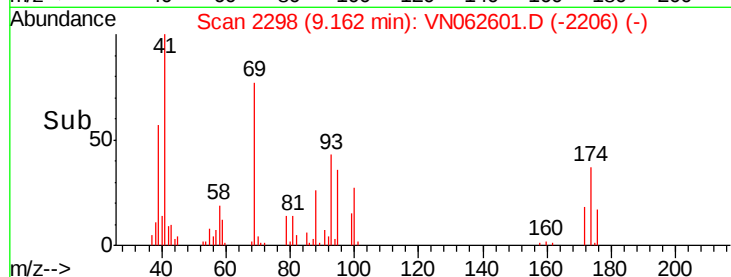
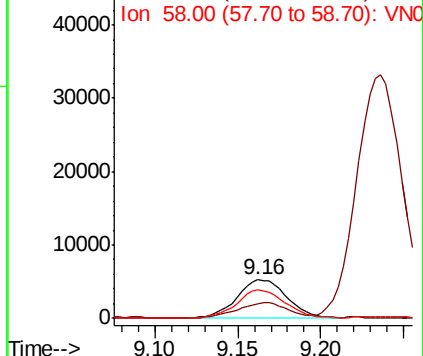
#49
1,4-Dioxane
Concen: 335.847 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tot Ion: 88 Resp: 11092
Ion Ratio Lower Upper
88 100
43 40.6 32.0 48.0
58 72.2 62.8 94.2

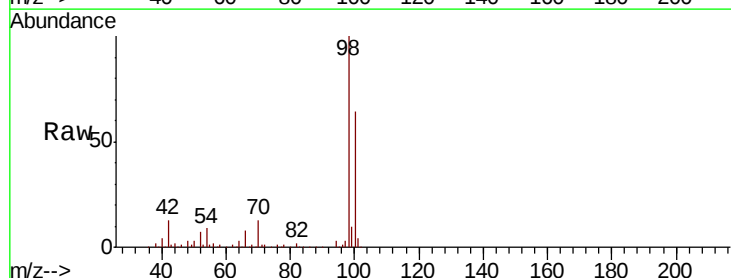


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

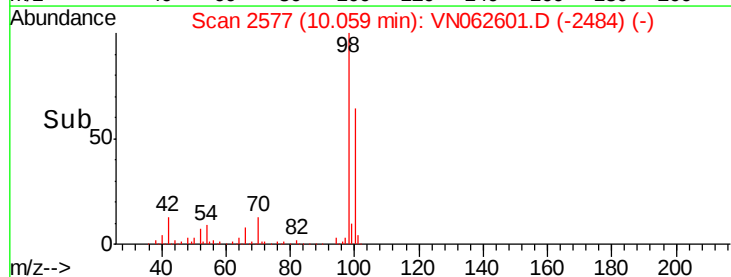
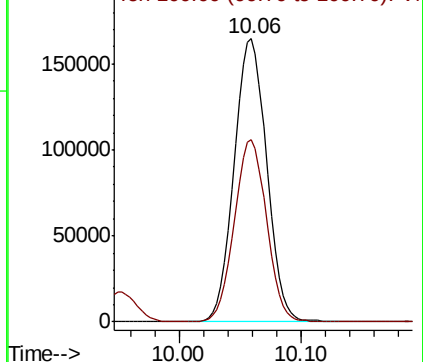


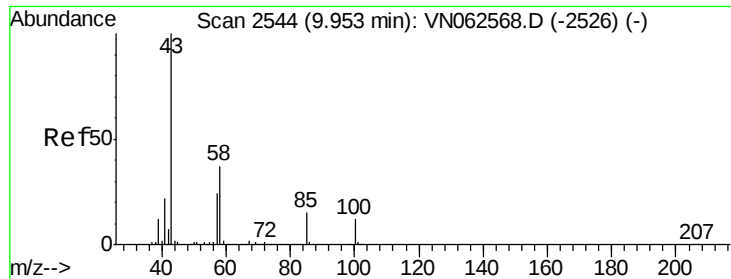
#50
Toluene-d8
Concen: 47.617 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 98 Resp: 304780
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 89.371 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

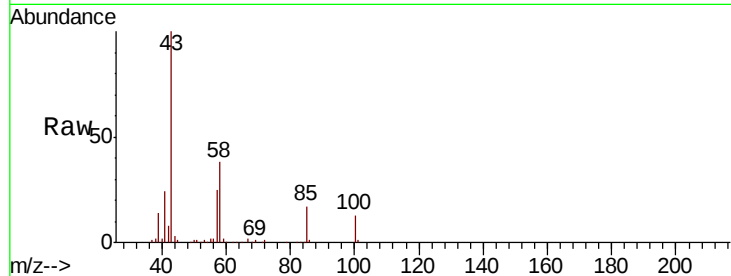
VN0727WBS01

Tot Ion: 43 Resp: 241895

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)

9.95

150000

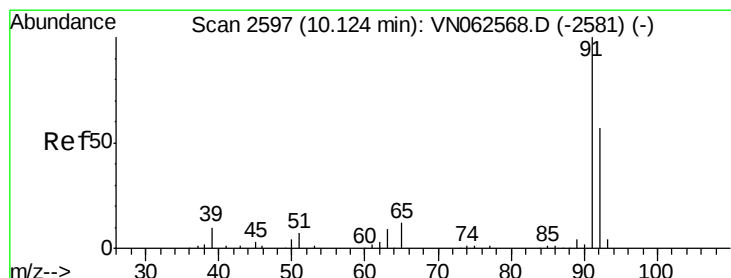
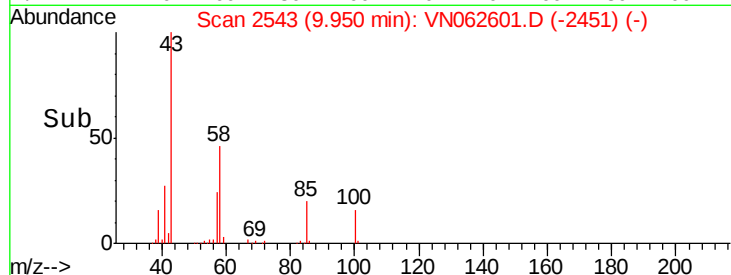
100000

50000

0

Time-->

9.90 9.95 10.00



#52

Toluene

Concen: 19.397 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062601.D

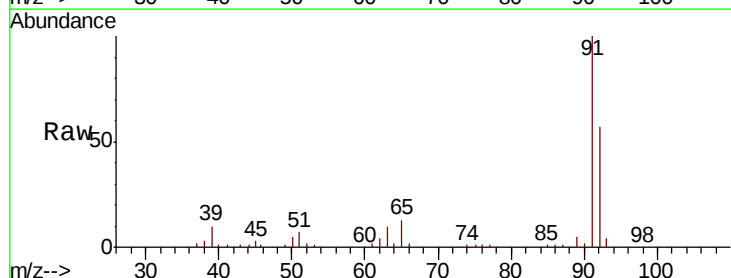
Acq: 27 Jul 2020 16:19

Tgt Ion: 92 Resp: 88767

Ion Ratio Lower Upper

92 100

91 177.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

10.12

100000

80000

60000

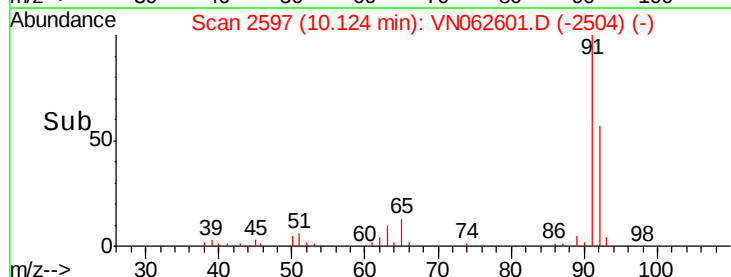
40000

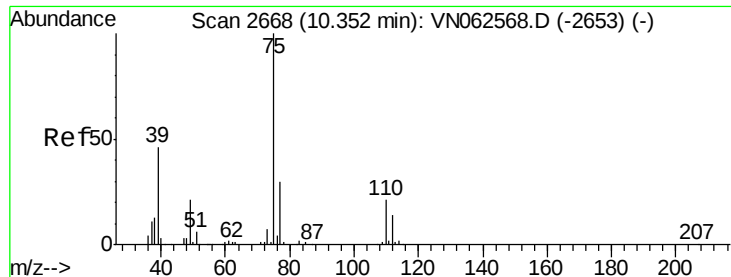
20000

0

Time-->

10.05 10.10 10.15 10.20





#53

t-1,3-Dichloropropene

Concen: 20.097 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

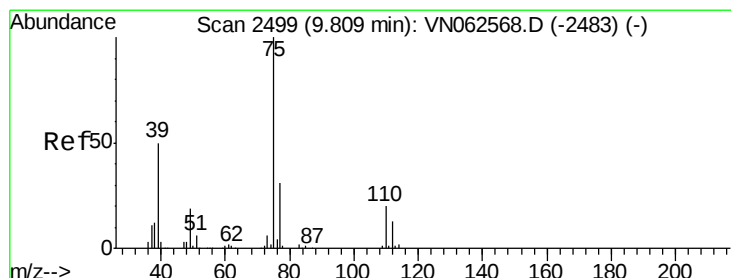
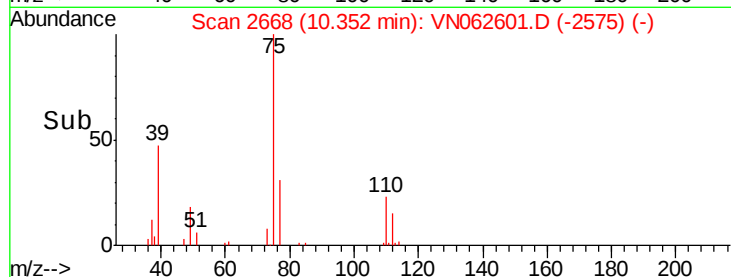
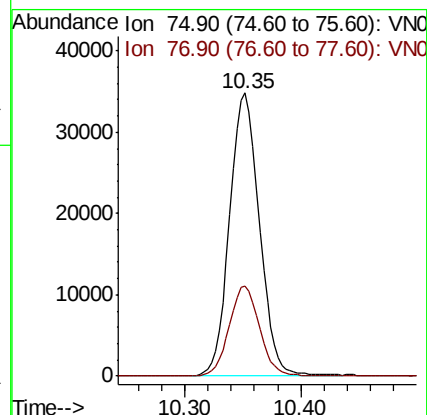
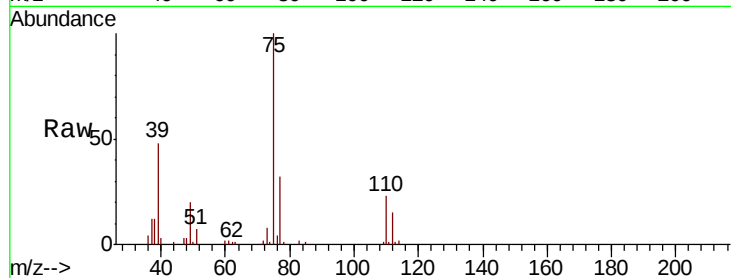
VN0727WBS01

Tot Ion: 75 Resp: 61987

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 19.484 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

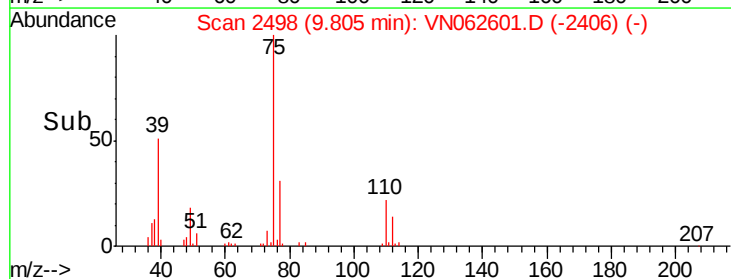
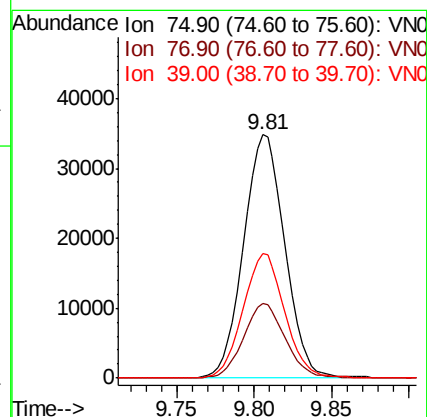
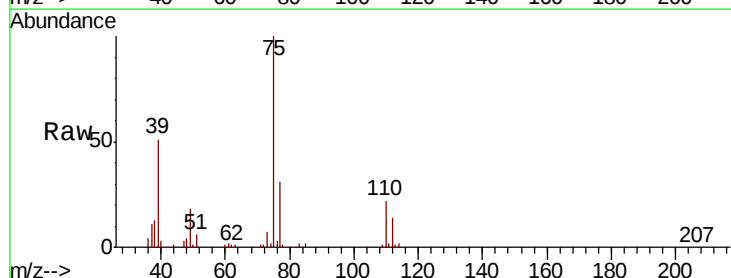
Tgt Ion: 75 Resp: 64484

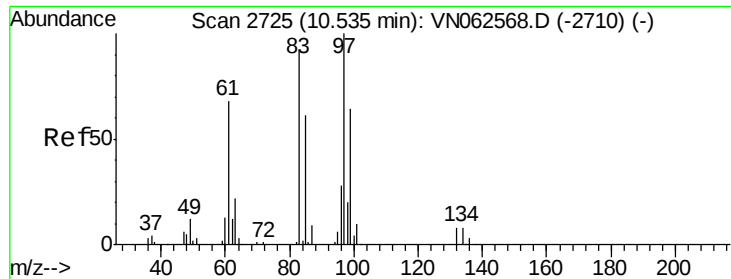
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 51.2 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 20.030 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tot Ion: 97 Resp: 35554

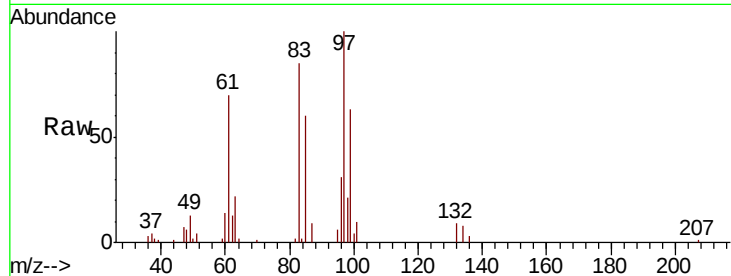
Ion Ratio Lower Upper

97 100

83 84.9 73.7 110.5

85 60.4 48.5 72.7

99 63.4 50.8 76.2

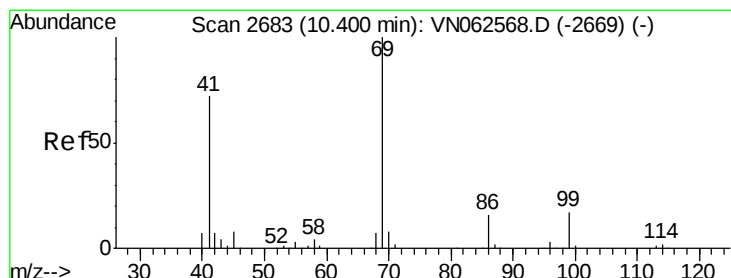
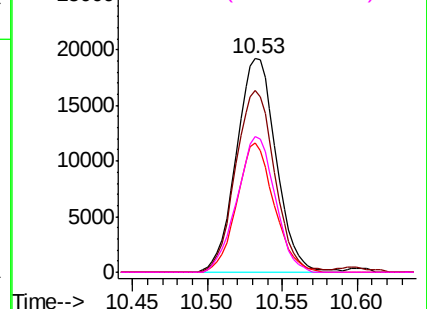
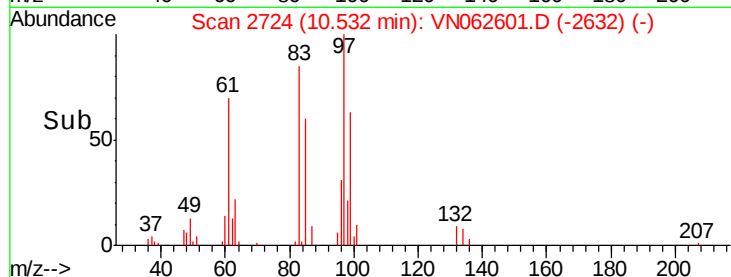


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.945 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

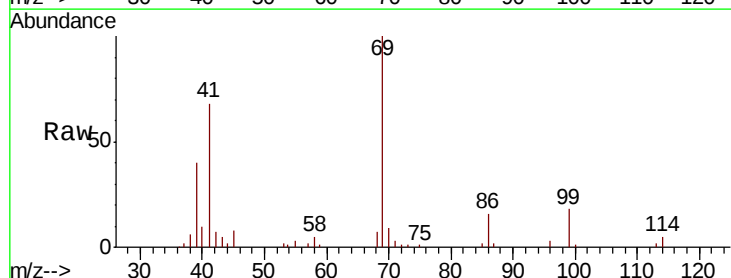
Tgt Ion: 69 Resp: 53449

Ion Ratio Lower Upper

69 100

41 69.4 57.2 85.8

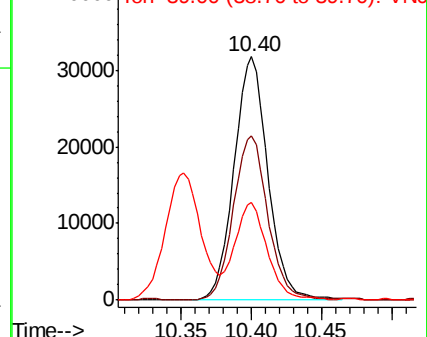
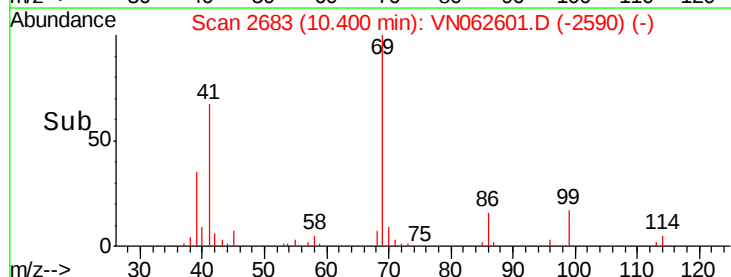
39 38.9 28.6 43.0

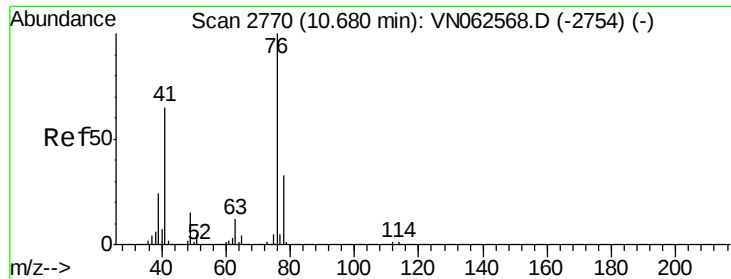


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.039 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

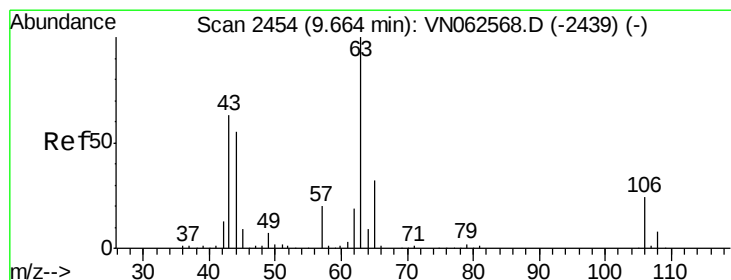
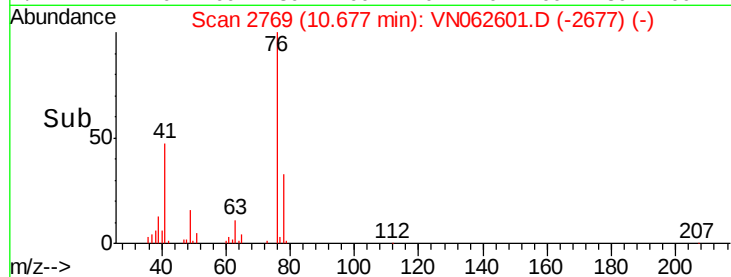
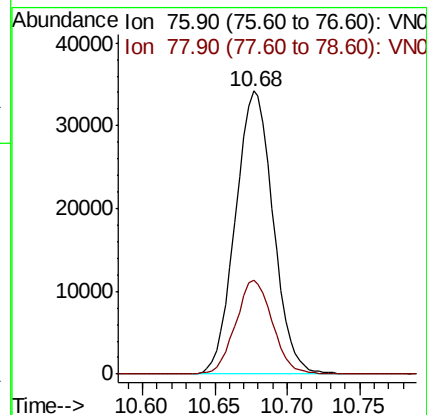
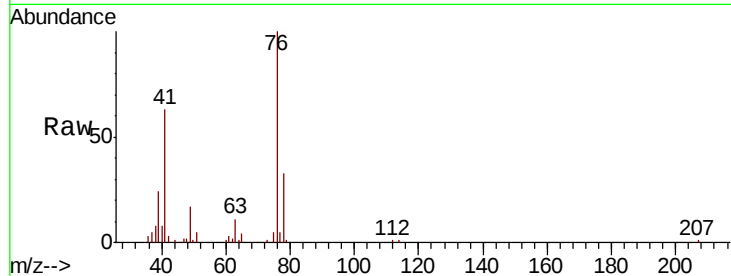
VN0727WBS01

Tot Ion: 76 Resp: 61913

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 90.196 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062601.D

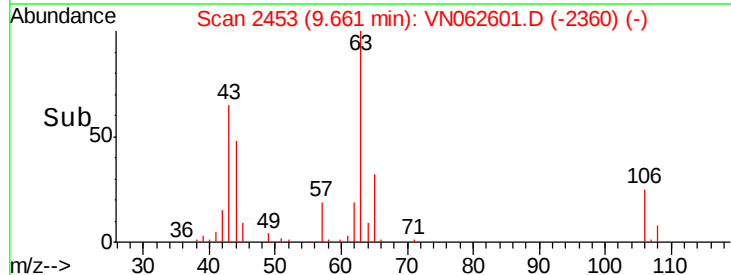
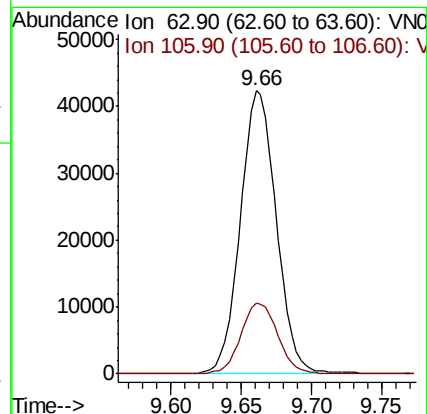
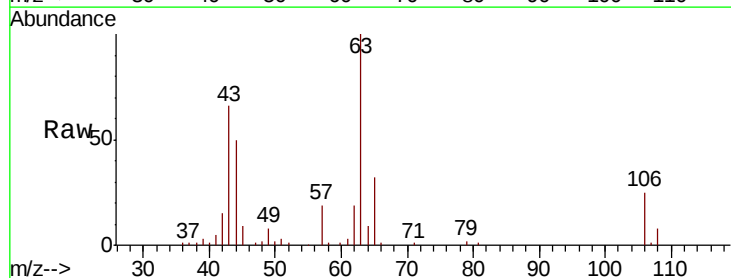
Acq: 27 Jul 2020 16:19

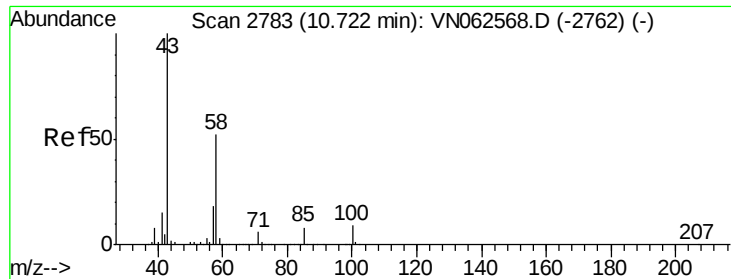
Tgt Ion: 63 Resp: 75660

Ion Ratio Lower Upper

63 100

106 25.6 18.9 28.3





#59

2-Hexanone

Concen: 84.362 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

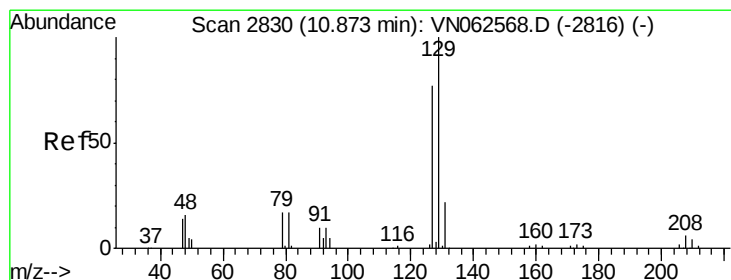
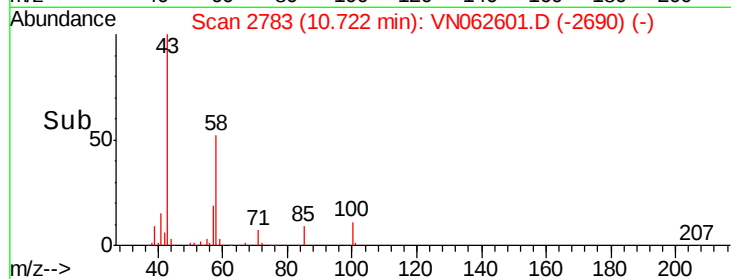
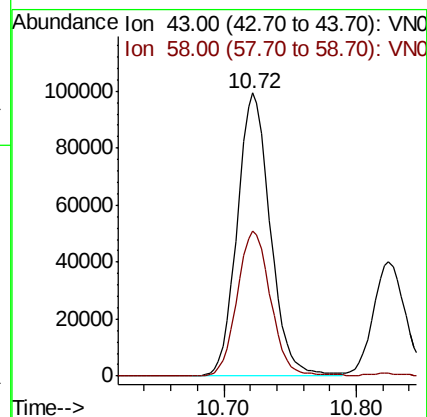
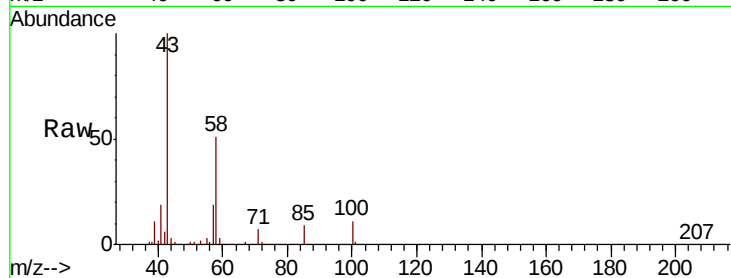
VN0727WBS01

Tot Ion: 43 Resp: 172437

Ion Ratio Lower Upper

43 100

58 51.9 26.0 78.0



#60

Dibromochloromethane

Concen: 20.318 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062601.D

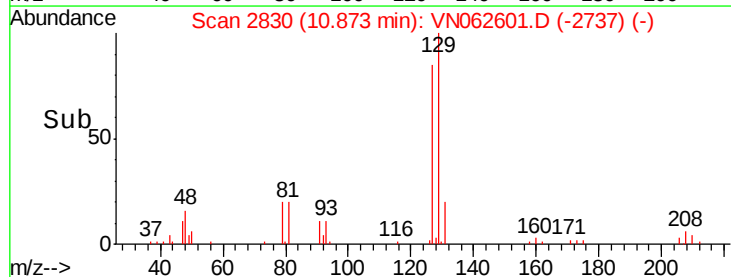
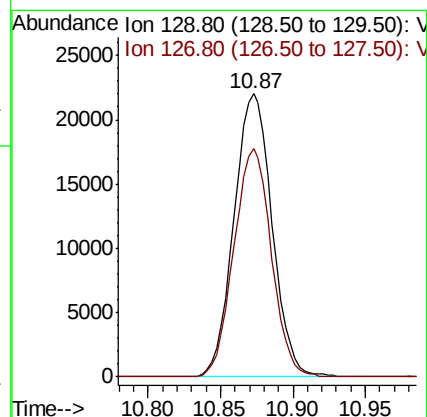
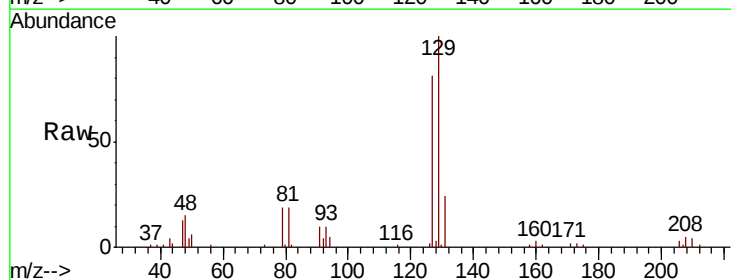
Acq: 27 Jul 2020 16:19

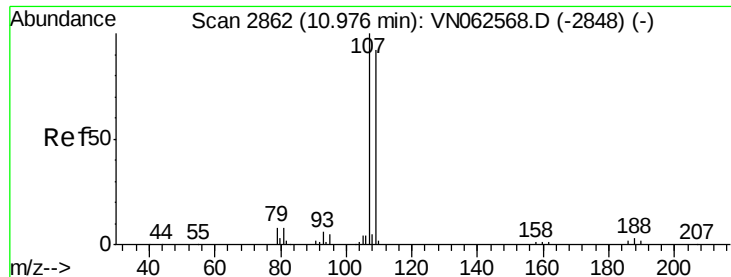
Tgt Ion: 129 Resp: 40235

Ion Ratio Lower Upper

129 100

127 79.2 38.0 113.9

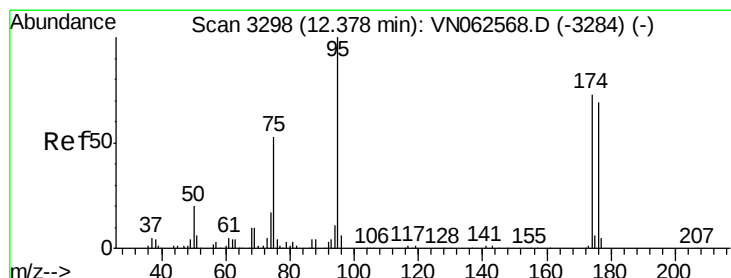
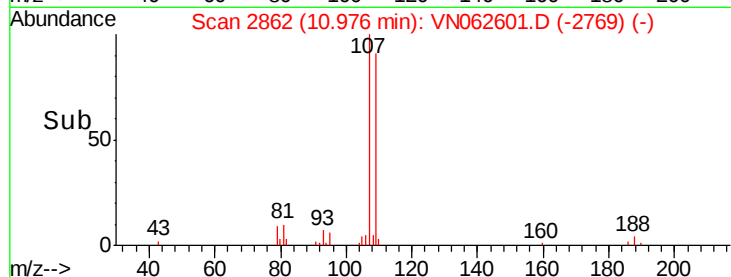
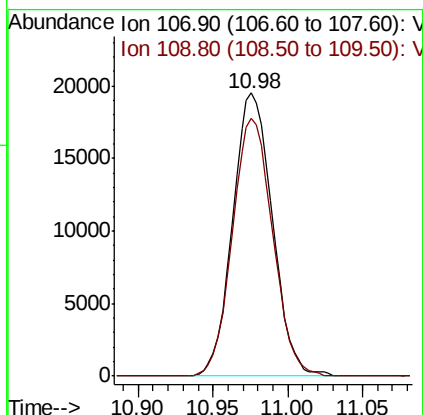
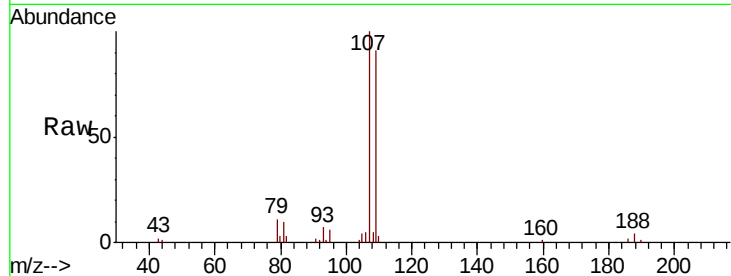




#61
 1,2-Dibromoethane
 Concen: 19.514 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

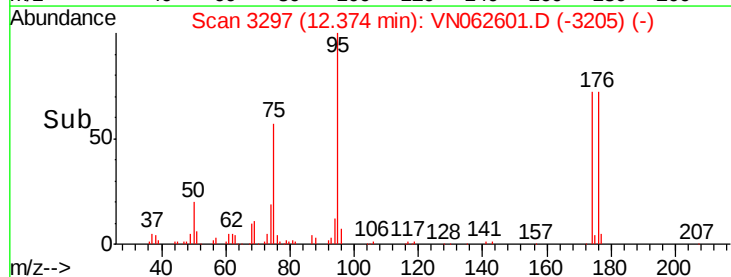
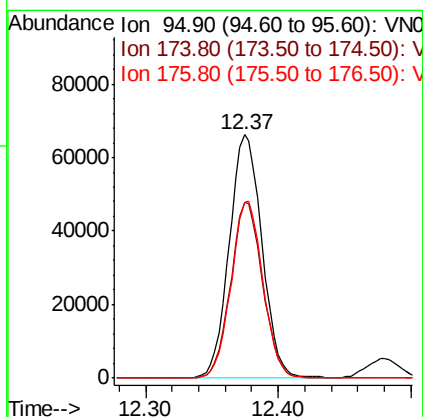
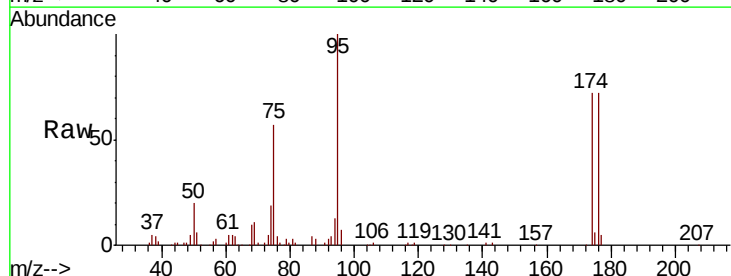
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

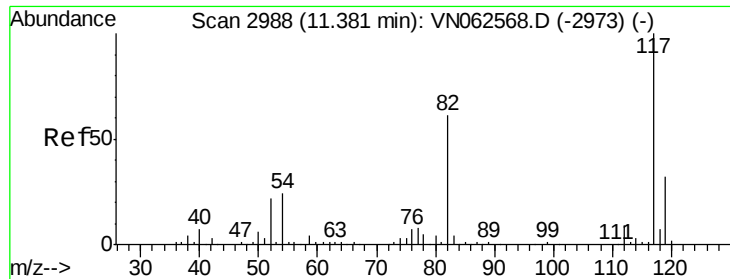
Tot Ion:107 Resp: 36069
 Ion Ratio Lower Upper
 107 100
 109 92.0 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 48.434 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Tgt Ion: 95 Resp: 113353
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 144.6
 176 70.6 0.0 139.4

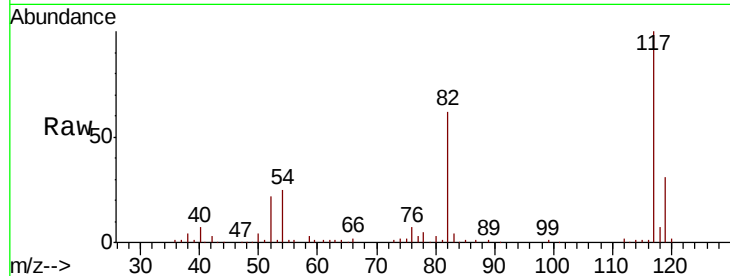




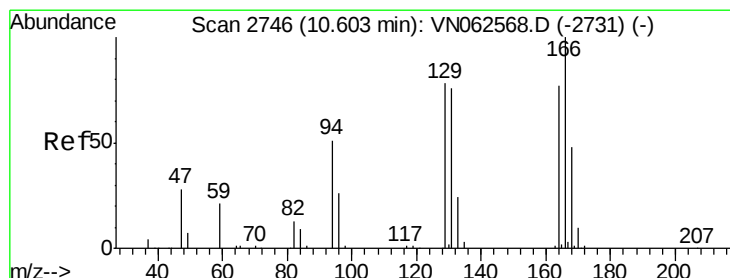
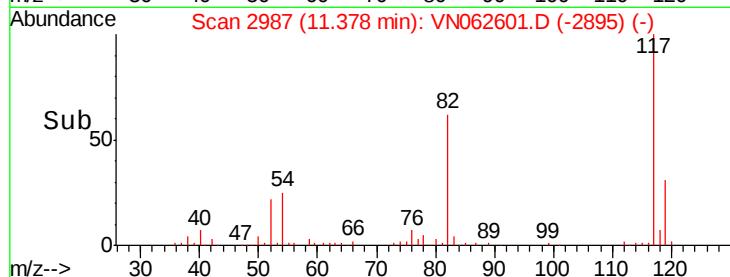
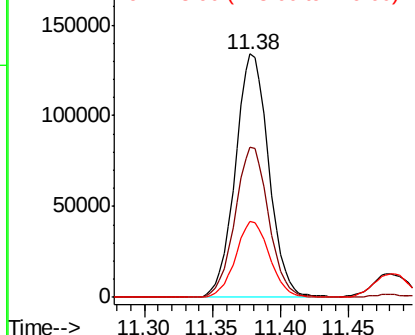
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tot Ion:117 Resp: 227810
Ion Ratio Lower Upper
117 100
82 61.7 49.0 73.6
119 31.2 25.4 38.2

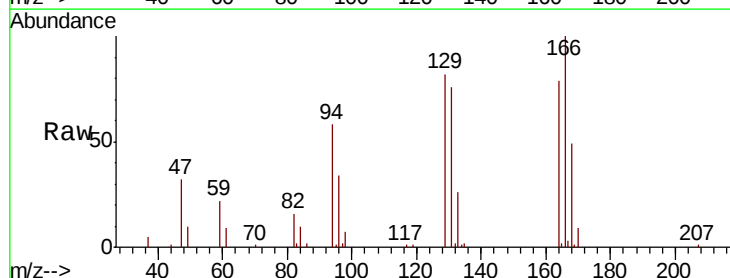


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

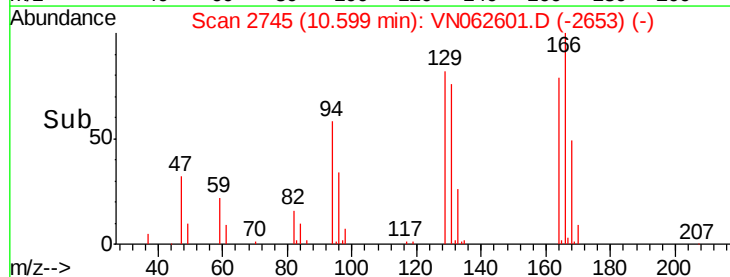
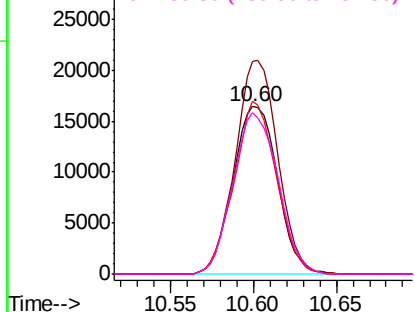


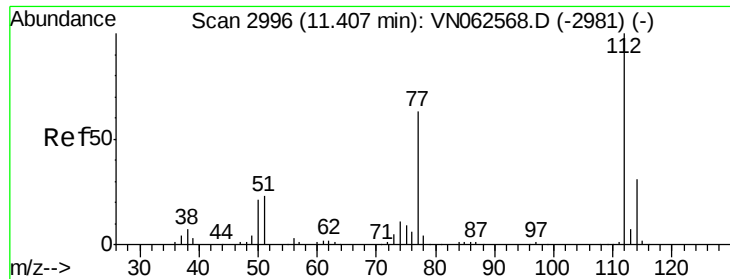
#64
Tetrachloroethene
Concen: 20.846 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion:164 Resp: 30855
Ion Ratio Lower Upper
164 100
166 127.0 104.4 156.6
129 103.5 81.0 121.4
131 96.1 79.4 119.2



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





#65

Chlorobenzene

Concen: 19.663 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

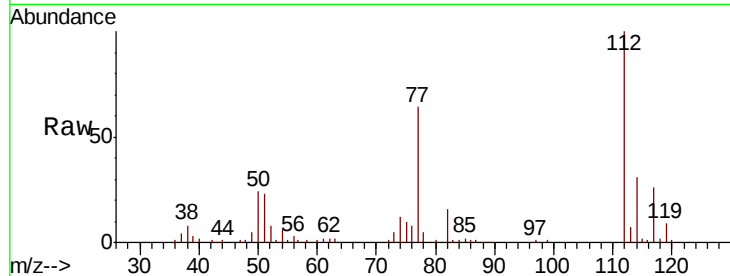
VN0727WBS01

Tot Ion:112 Resp: 93908

Ion Ratio Lower Upper

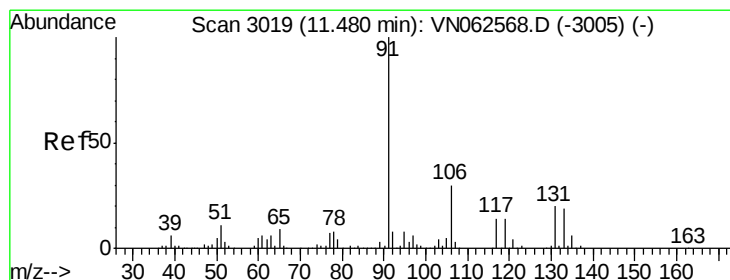
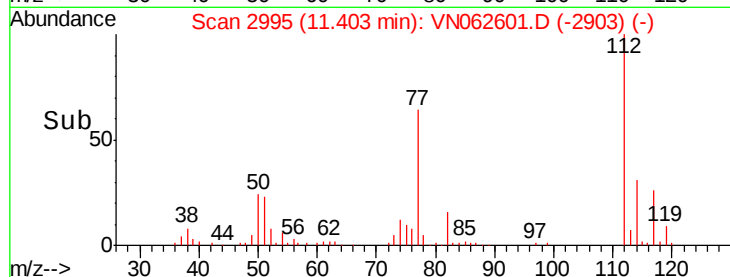
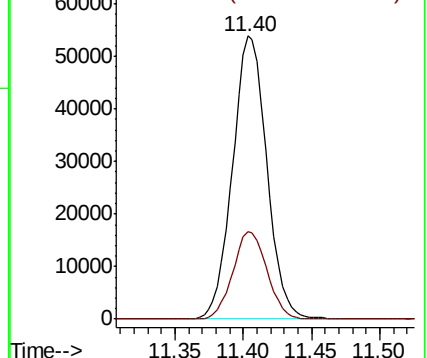
112 100

114 31.0 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.210 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

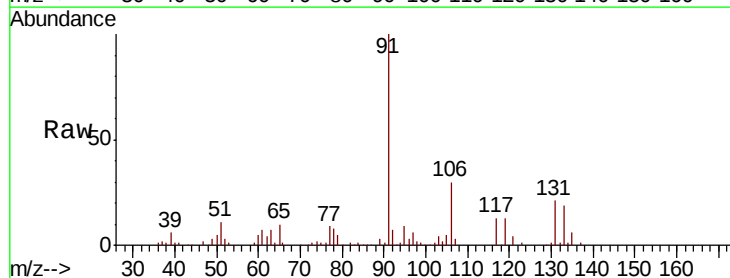
Tgt Ion:131 Resp: 36311

Ion Ratio Lower Upper

131 100

133 93.2 47.3 142.0

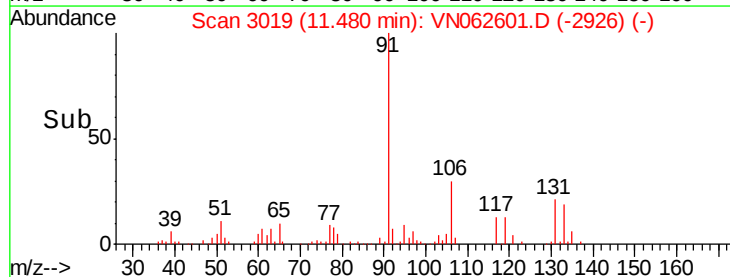
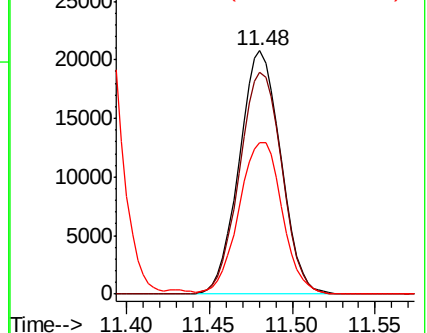
119 64.9 33.7 101.0

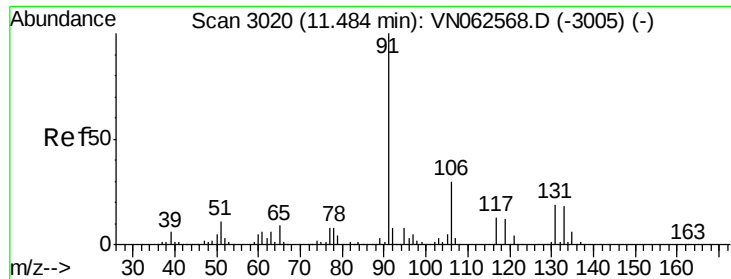


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

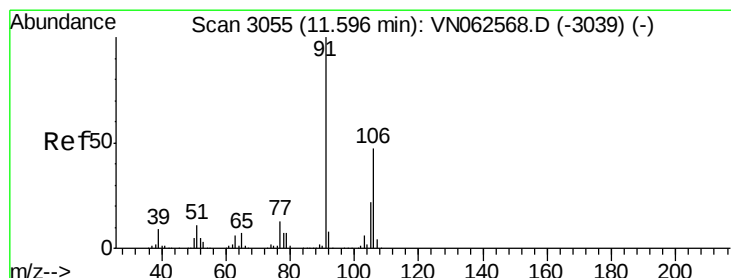
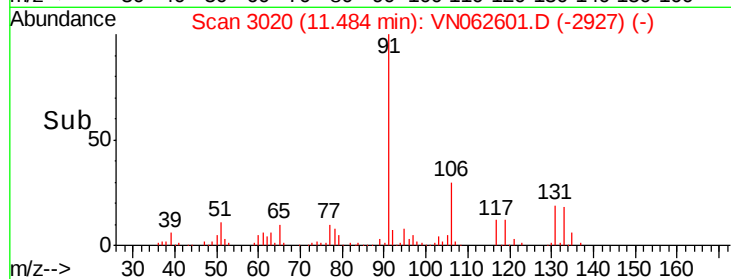
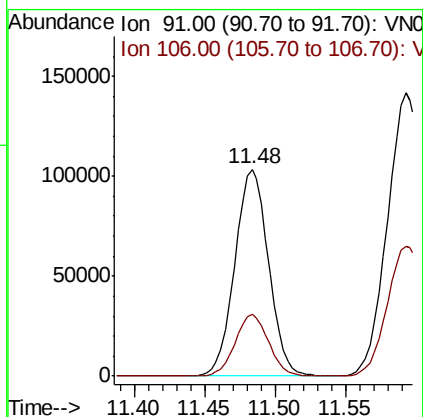
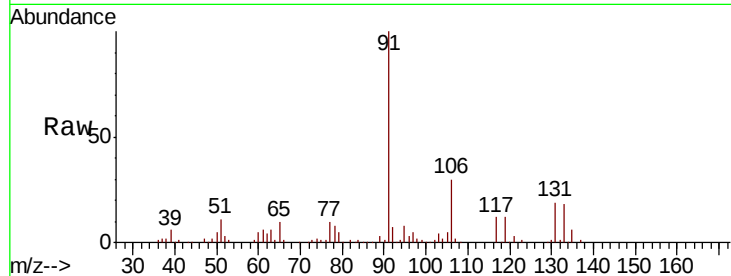




#67
Ethyl Benzene
Concen: 19.859 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

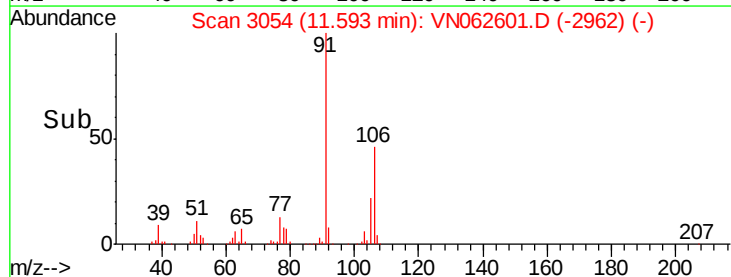
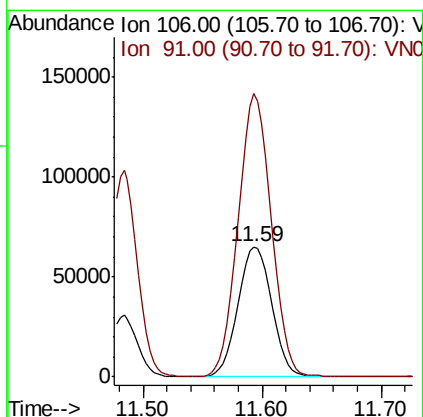
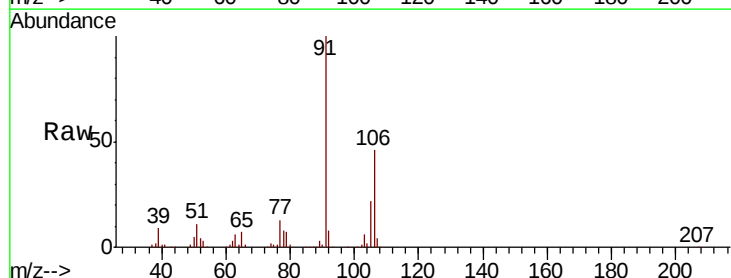
Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

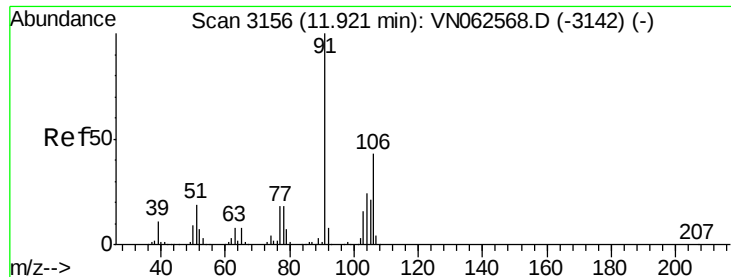
Tot Ion: 91 Resp: 173901
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 40.649 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion: 106 Resp: 127938
Ion Ratio Lower Upper
106 100
91 212.7 171.4 257.2

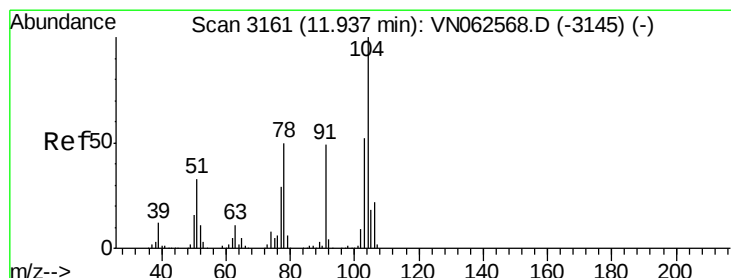
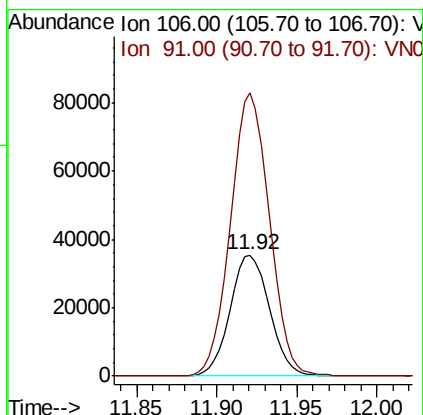
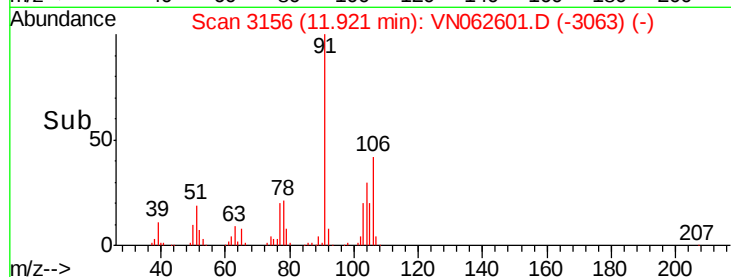
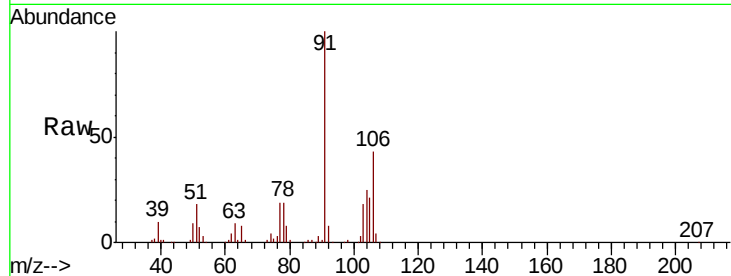




#69
o-Xylene
Concen: 19.891 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

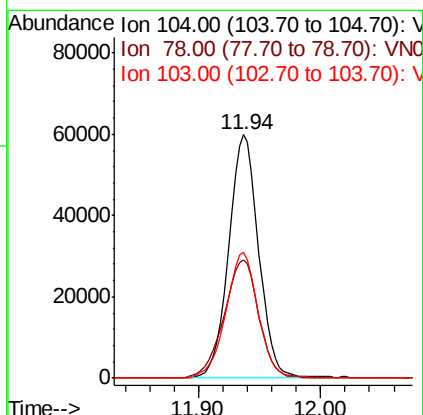
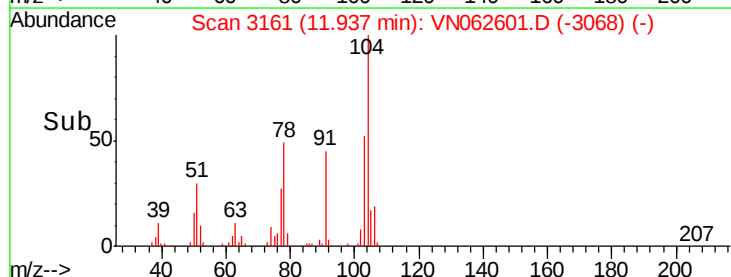
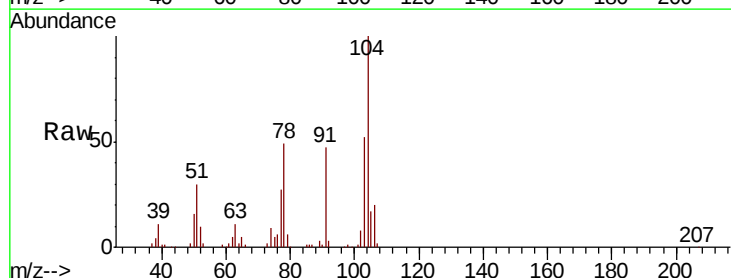
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

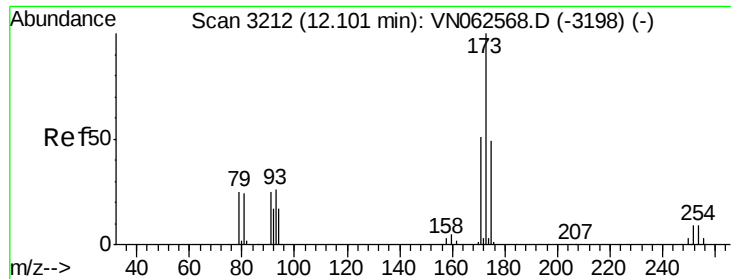
Tot Ion:106 Resp: 59448
Ion Ratio Lower Upper
106 100
91 231.3 113.8 341.2



#70
Styrene
Concen: 20.306 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion:104 Resp: 102518
Ion Ratio Lower Upper
104 100
78 56.2 43.8 65.6
103 55.5 44.0 66.0





#71

Bromoform

Concen: 20.693 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

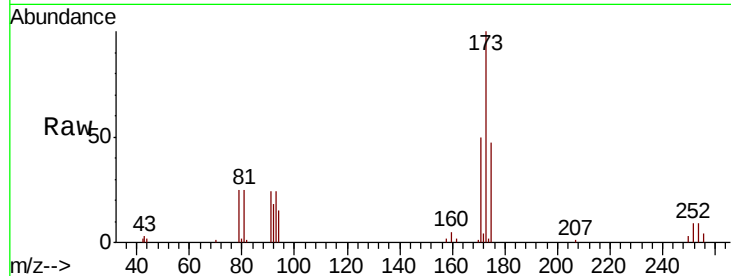
Tot Ion:173 Resp: 27915

Ion Ratio Lower Upper

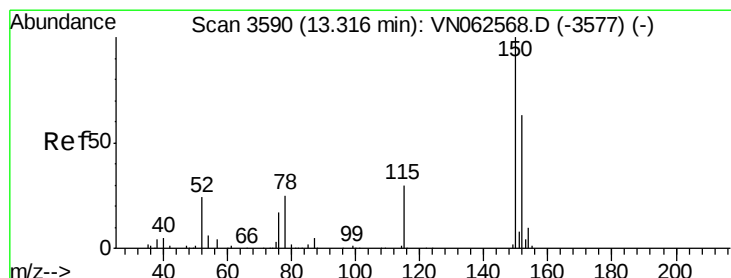
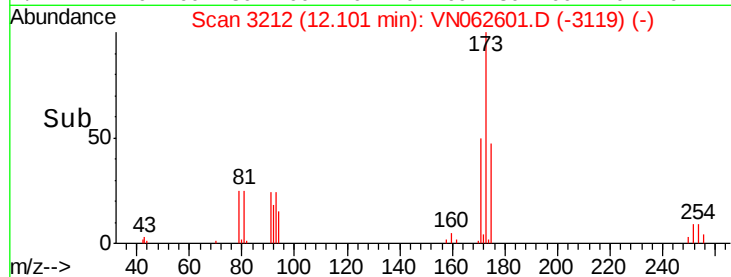
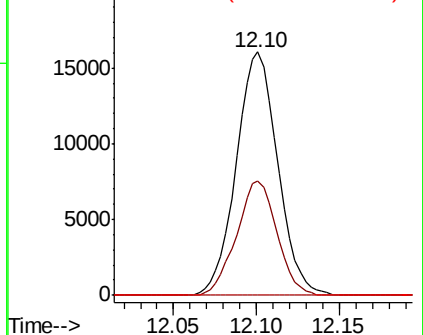
173 100

175 45.5 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

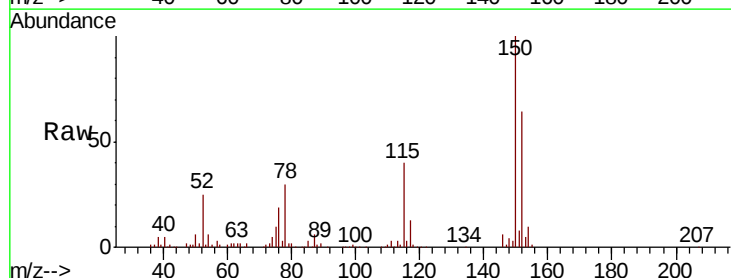
Tgt Ion:152 Resp: 108535

Ion Ratio Lower Upper

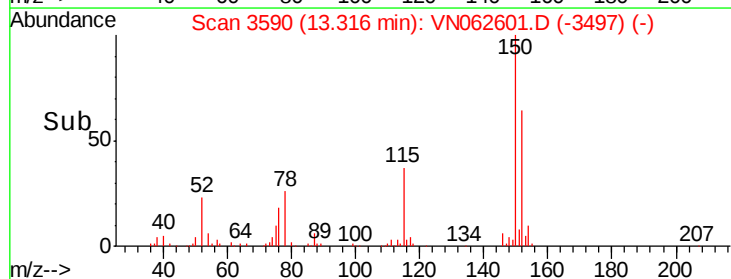
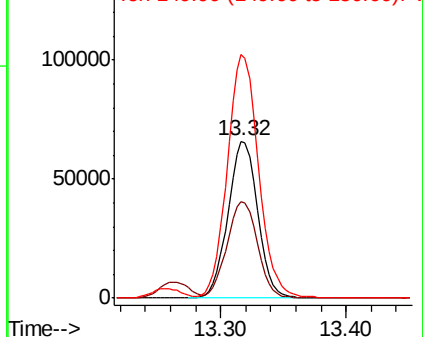
152 100

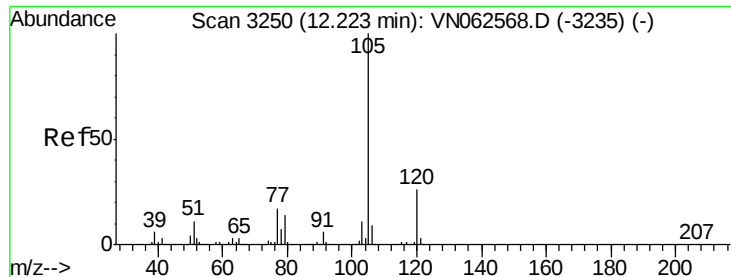
115 63.5 31.8 95.4

150 163.4 0.0 351.4



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





#73

Isopropylbenzene

Concen: 19.363 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

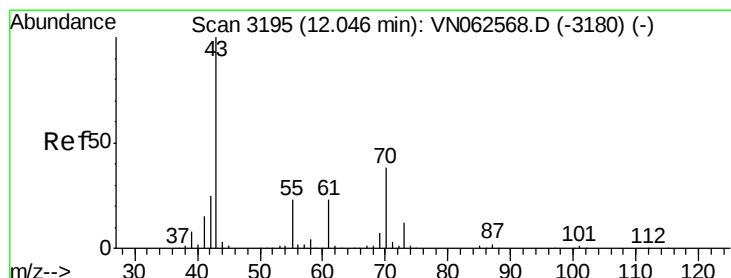
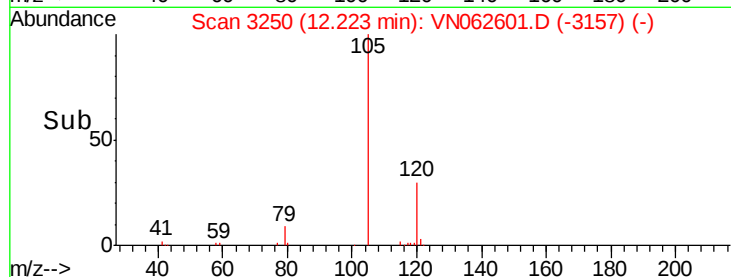
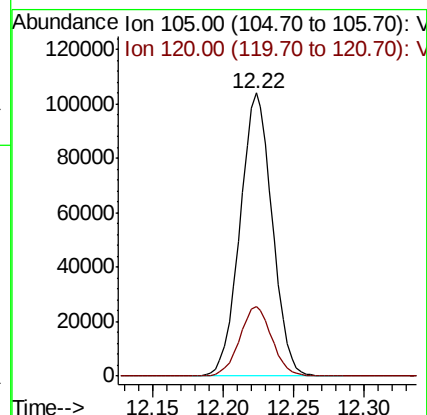
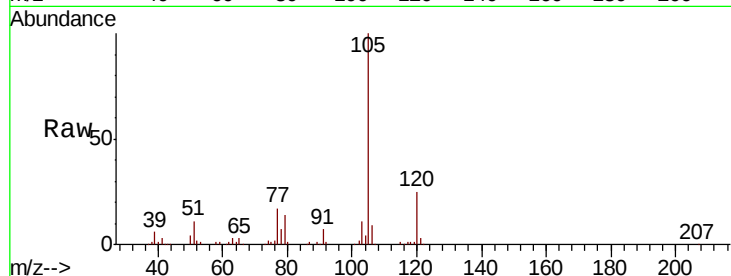
VN0727WBS01

Tot Ion:105 Resp: 166175

Ion Ratio Lower Upper

105 100

120 24.6 12.8 38.4



#74

N-ethyl acetate

Concen: 16.972 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Tgt Ion: 43 Resp: 65045

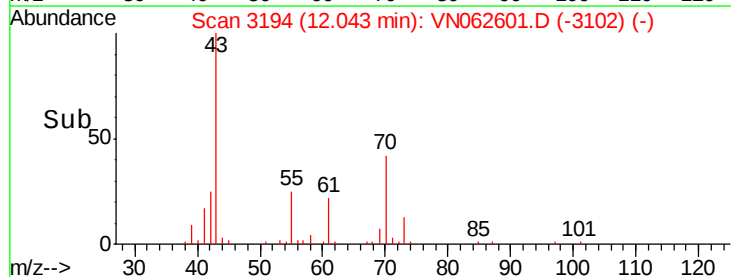
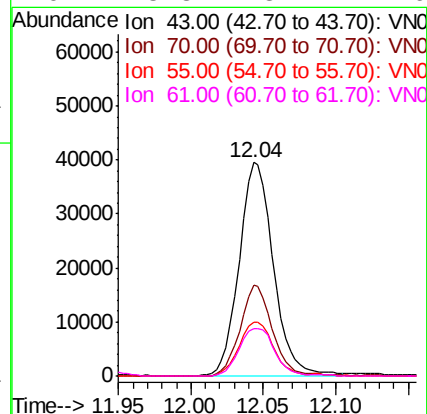
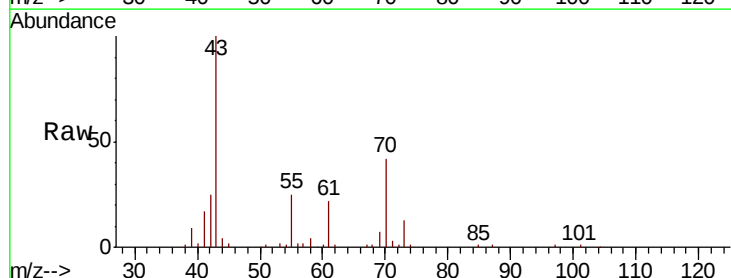
Ion Ratio Lower Upper

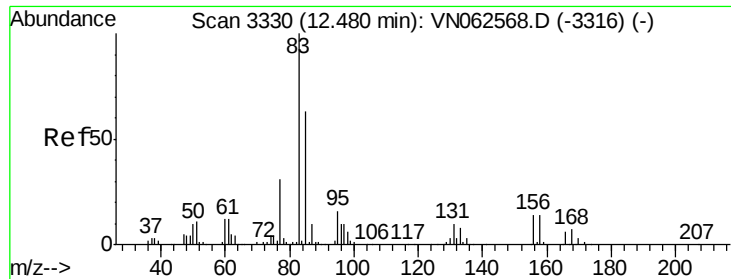
43 100

70 40.0 30.5 45.7

55 25.4 19.0 28.6

61 23.3 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.617 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

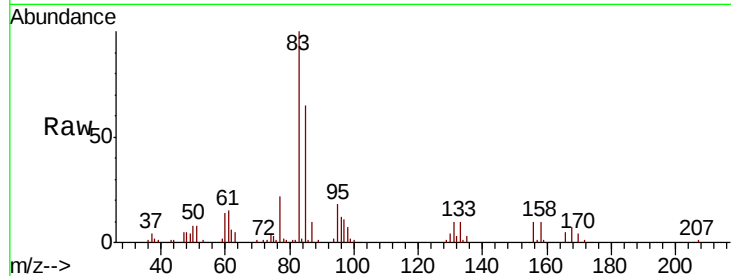
Tot Ion: 83 Resp: 49556

Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.3

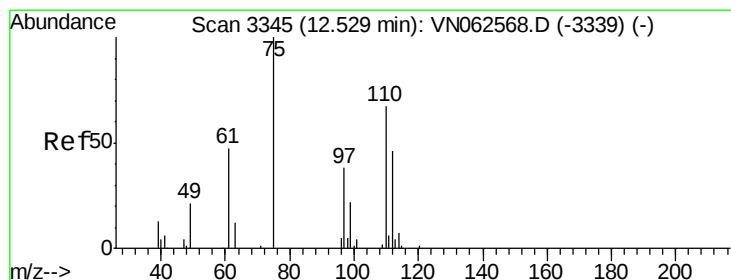
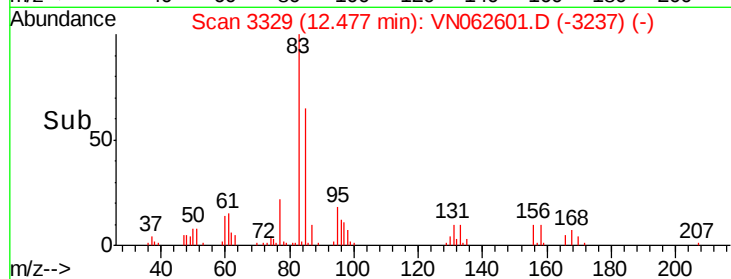
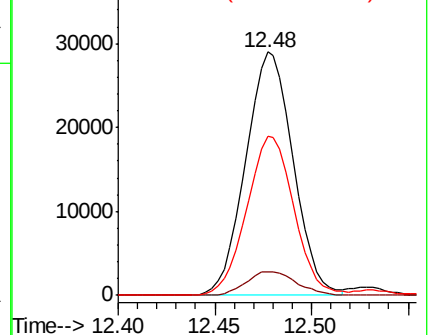
85 64.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN062568.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 24.897 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062601.D

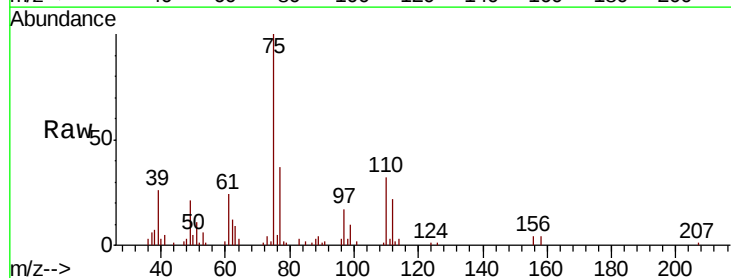
Acq: 27 Jul 2020 16:19

Tgt Ion: 75 Resp: 68780

Ion Ratio Lower Upper

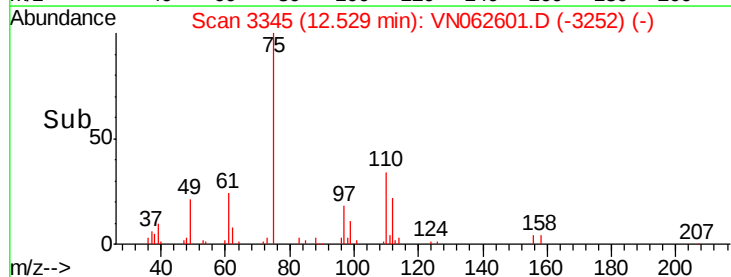
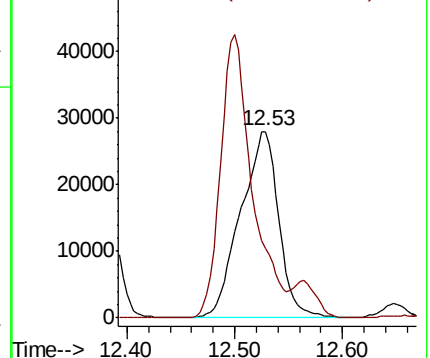
75 100

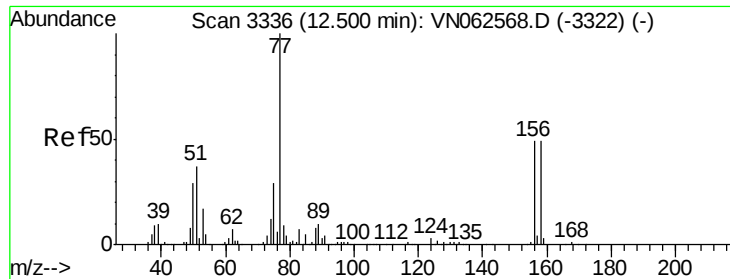
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN062568.D (-3339) (-)





#77

Bromobenzene

Concen: 18.951 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

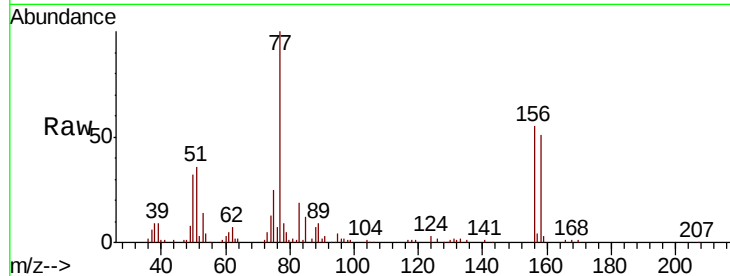
Tot Ion:156 Resp: 39085

Ion Ratio Lower Upper

156 100

77 223.0 122.8 368.3

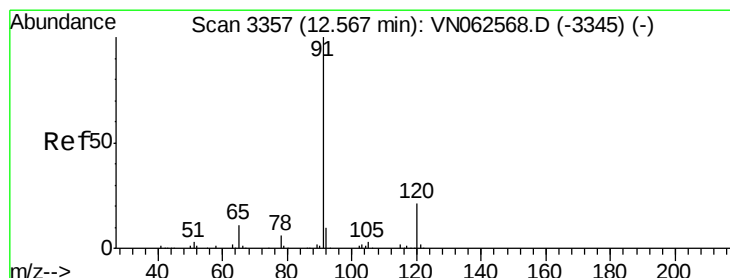
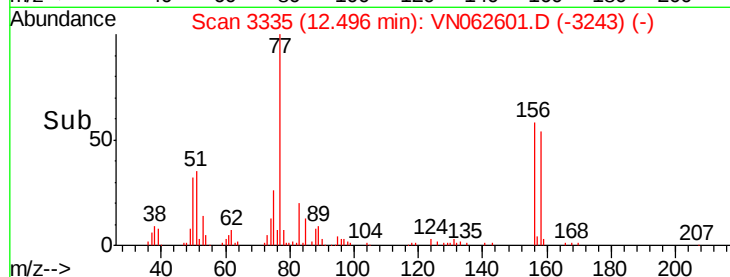
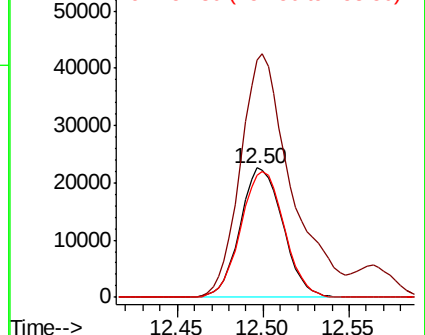
158 98.3 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.195 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062601.D

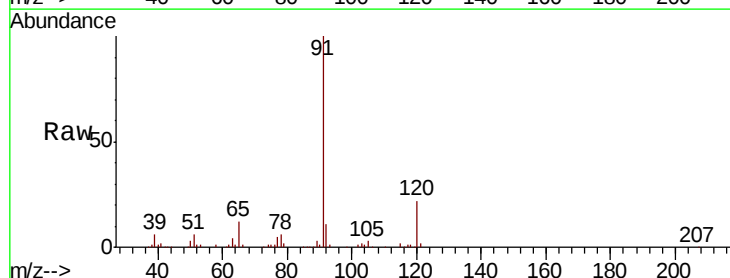
Acq: 27 Jul 2020 16:19

Tgt Ion: 91 Resp: 192963

Ion Ratio Lower Upper

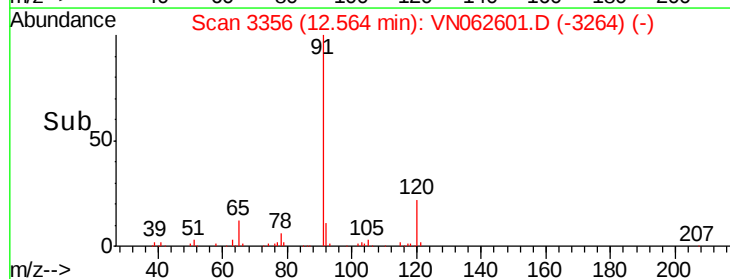
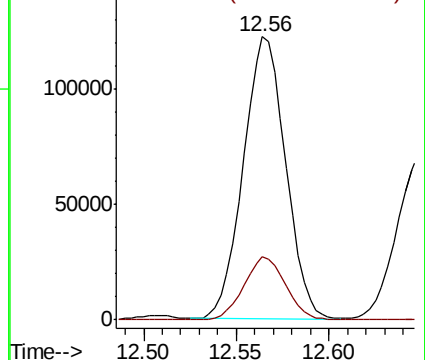
91 100

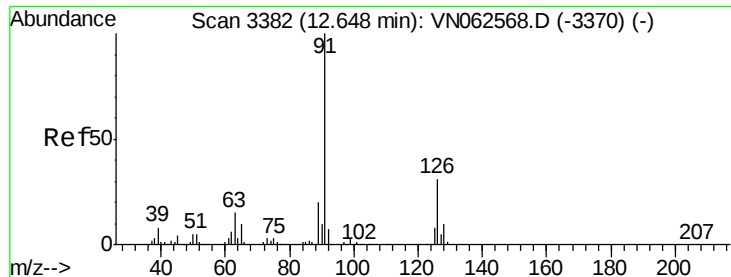
120 22.0 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

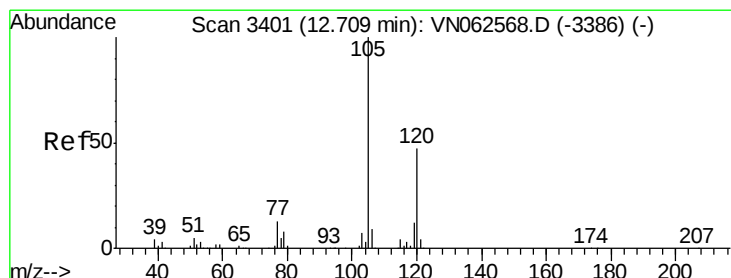
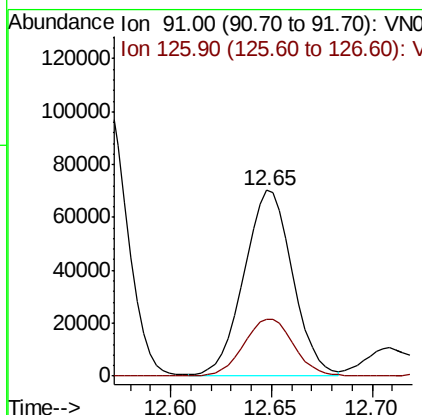
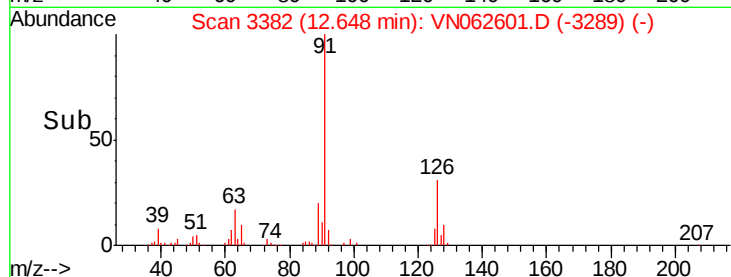
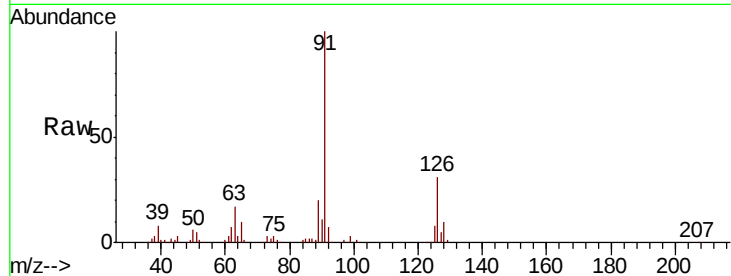




#79
 2-Chlorotoluene
 Concen: 18.936 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

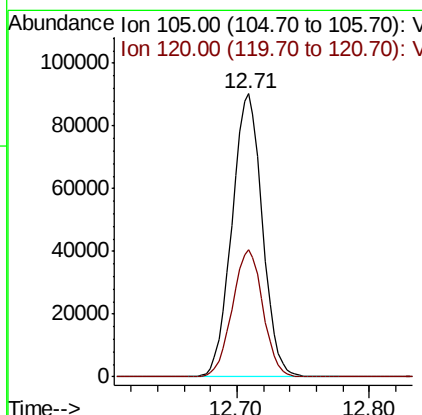
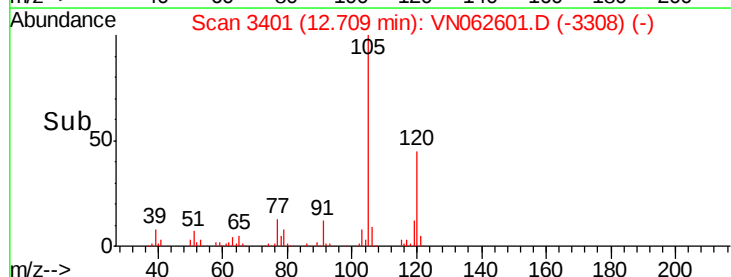
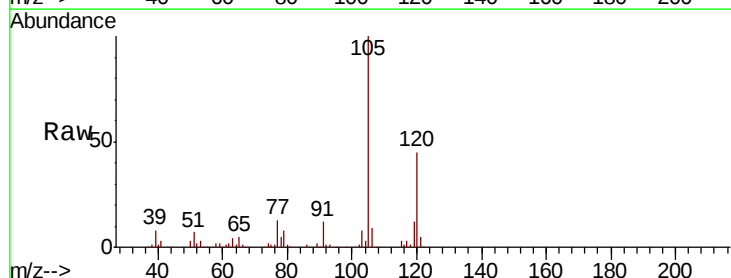
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

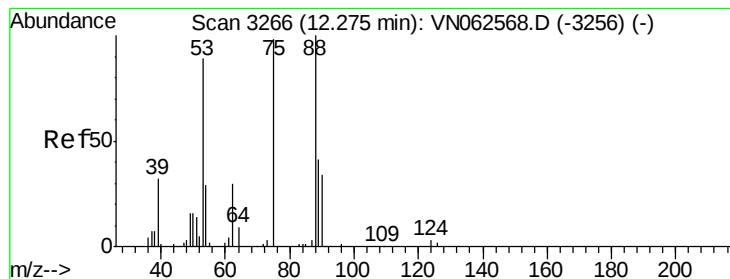
Tot Ion: 91 Resp: 117313
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.169 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Tgt Ion:105 Resp: 143580
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.282 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

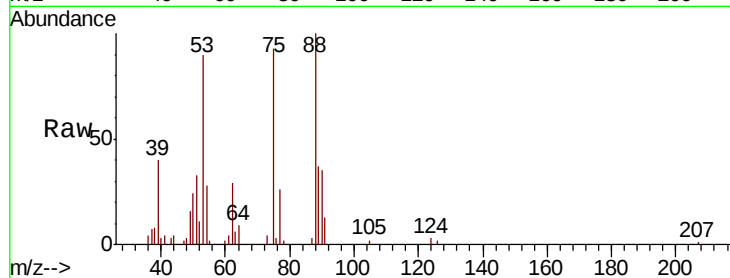
Tot Ion: 75 Resp: 18143

Ion Ratio Lower Upper

75 100

53 100.3 75.4 113.0

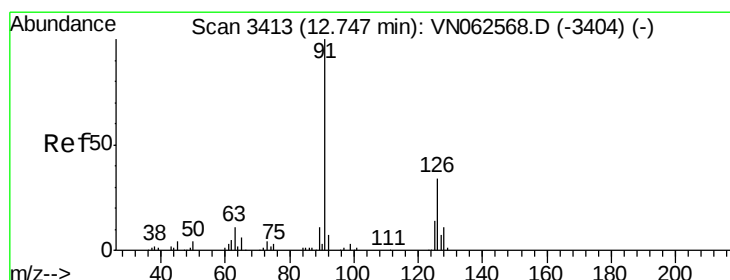
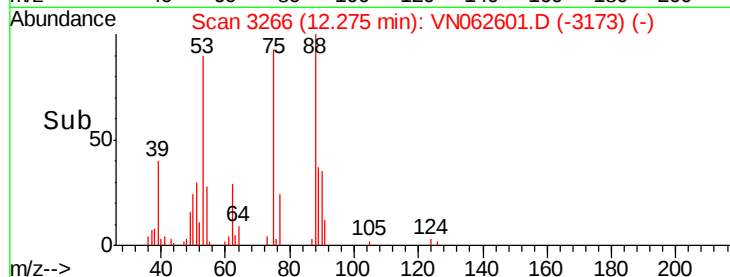
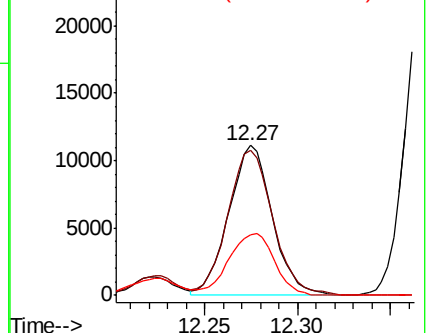
89 42.9 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.790 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062601.D

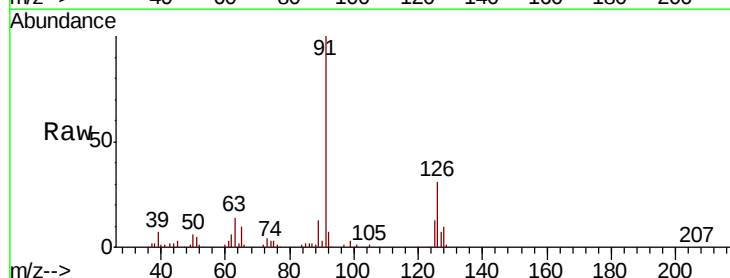
Acq: 27 Jul 2020 16:19

Tgt Ion: 91 Resp: 121169

Ion Ratio Lower Upper

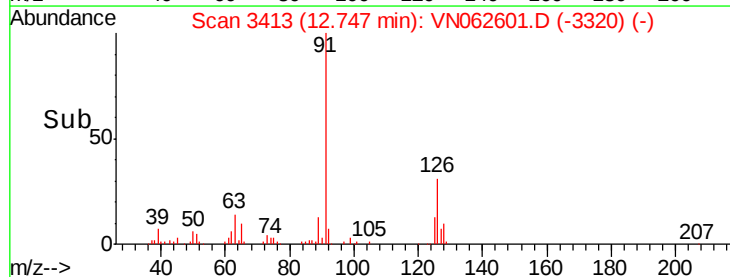
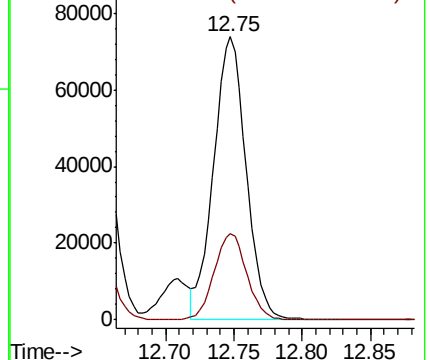
91 100

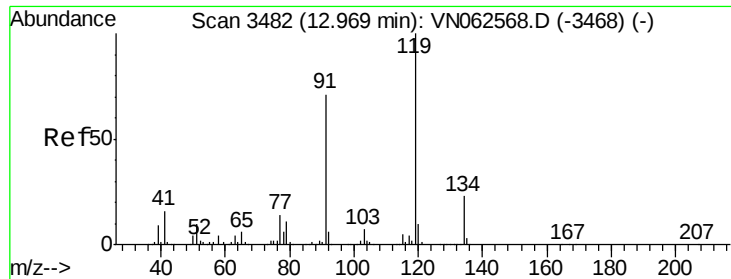
126 30.7 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

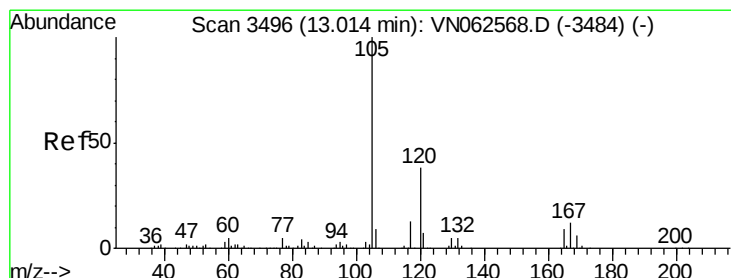
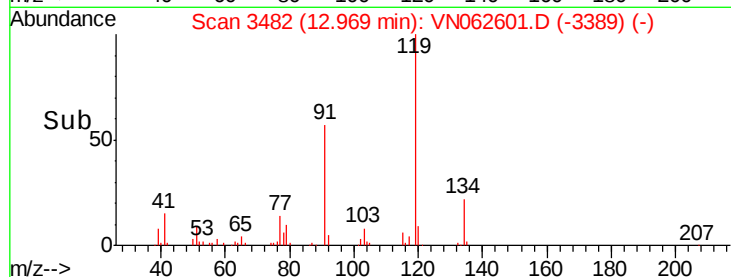
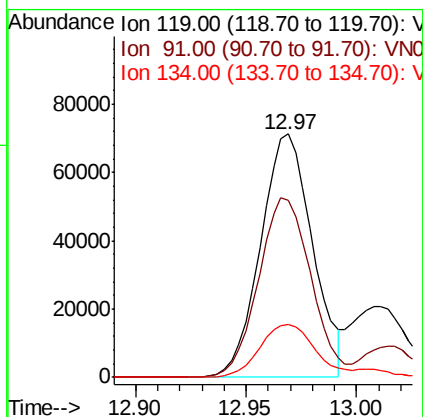
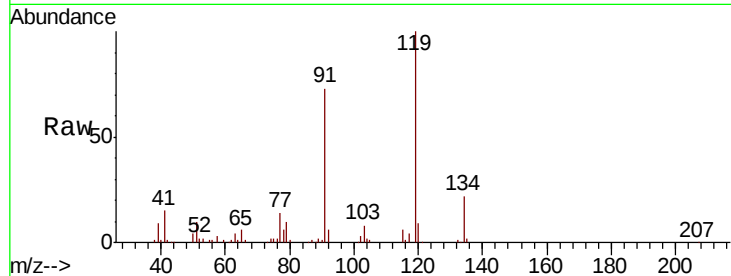




#83
tert-Butylbenzene
Concen: 19.646 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

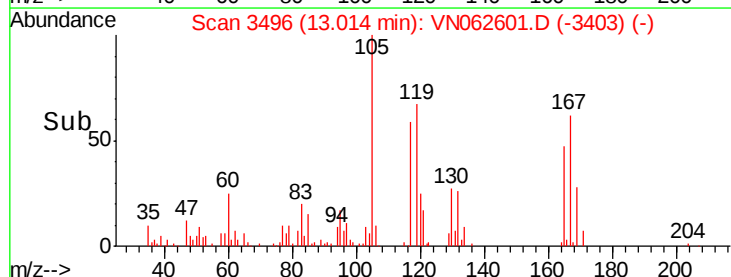
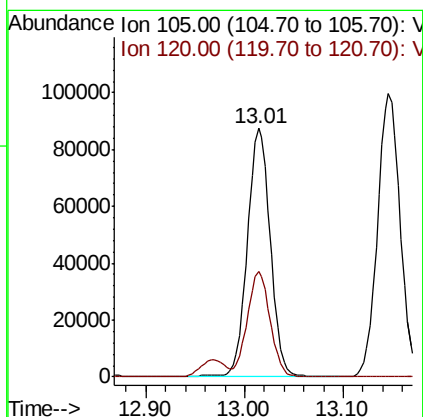
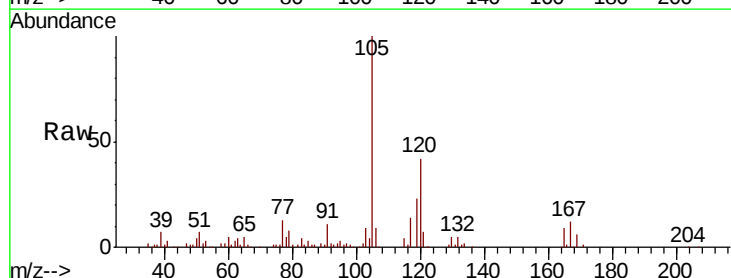
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tot Ion:119 Resp: 116129
Ion Ratio Lower Upper
119 100
91 75.1 34.6 103.8
134 23.3 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 20.060 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062601.D
Acq: 27 Jul 2020 16:19

Tgt Ion:105 Resp: 140086
Ion Ratio Lower Upper
105 100
120 42.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.152 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

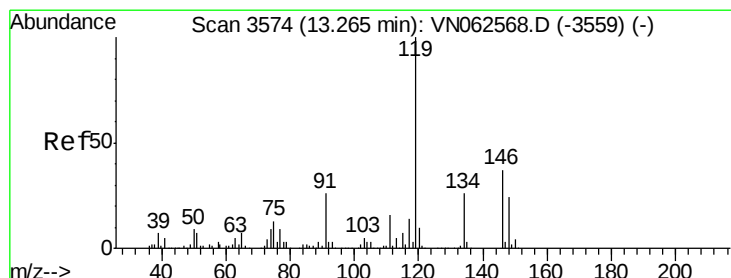
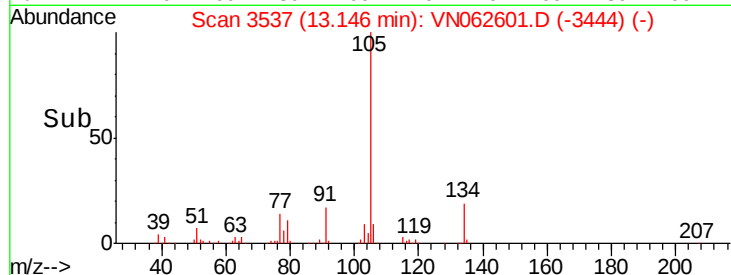
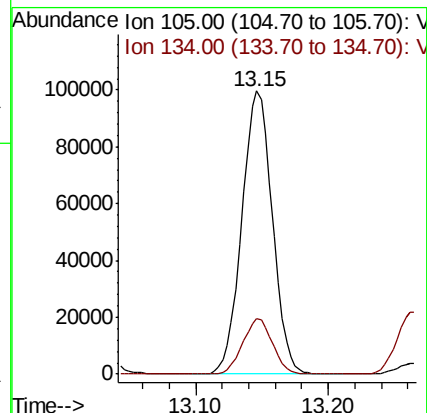
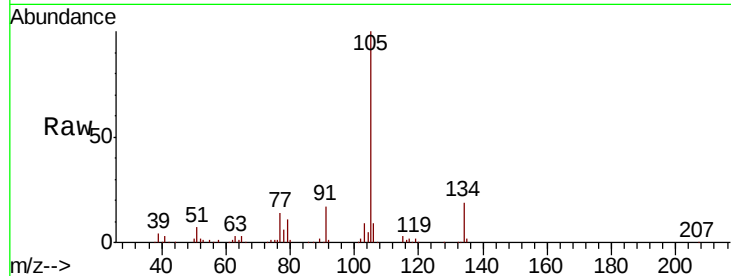
VN0727WBS01

Tot Ion:105 Resp: 159479

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 20.821 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

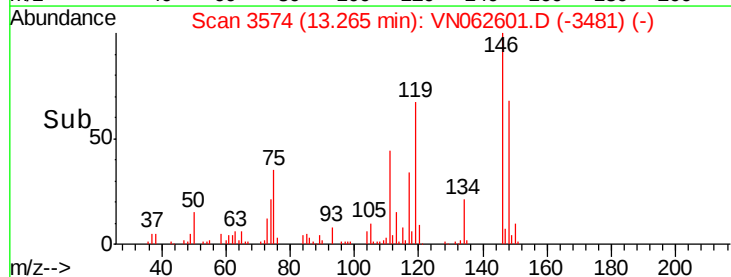
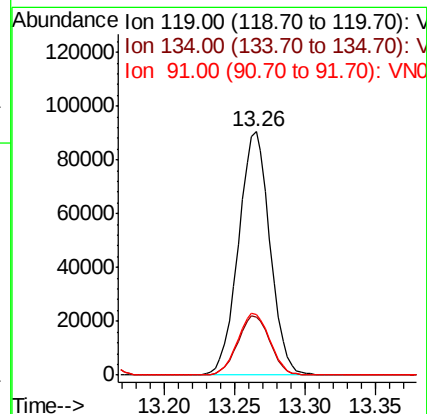
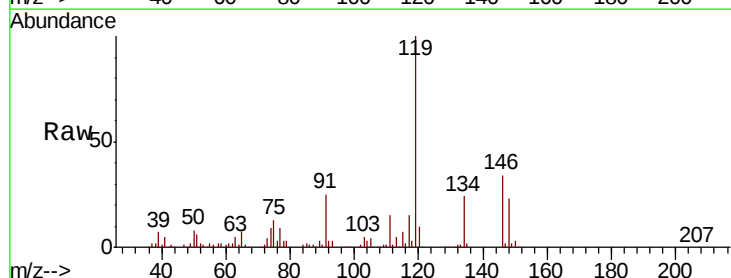
Tgt Ion:119 Resp: 141720

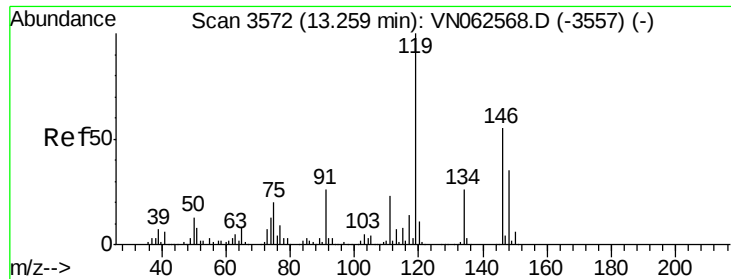
Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.4

91 25.9 12.7 38.1

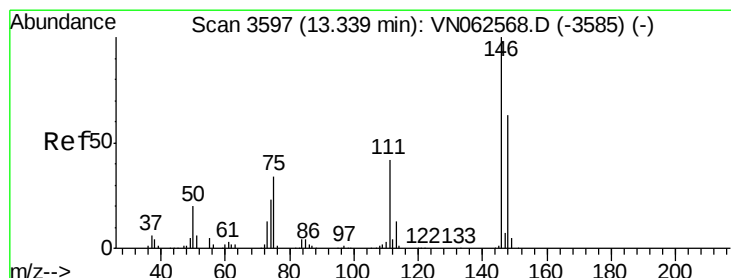
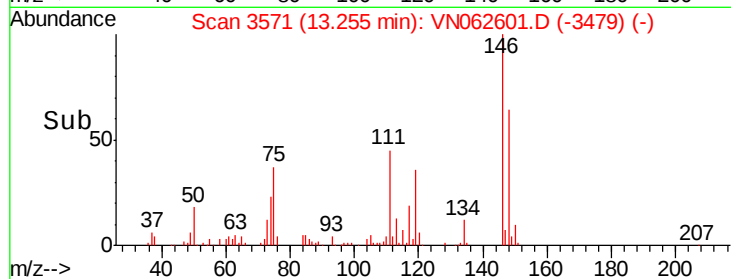
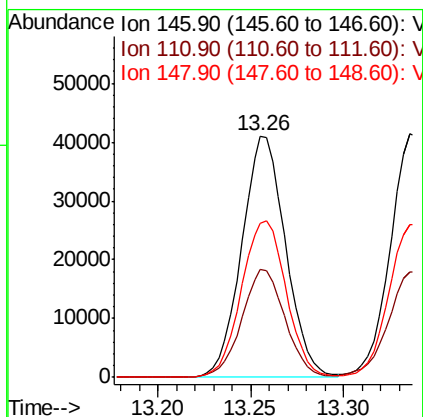
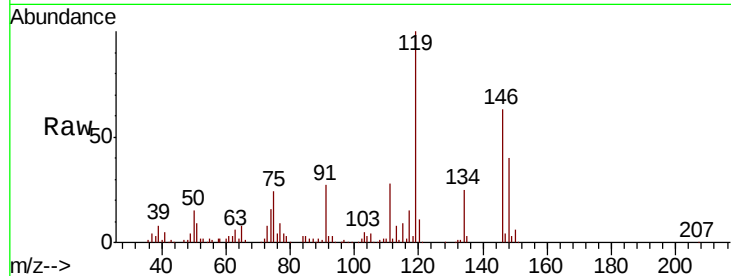




#87
 1,3-Dichlorobenzene
 Concen: 18.707 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

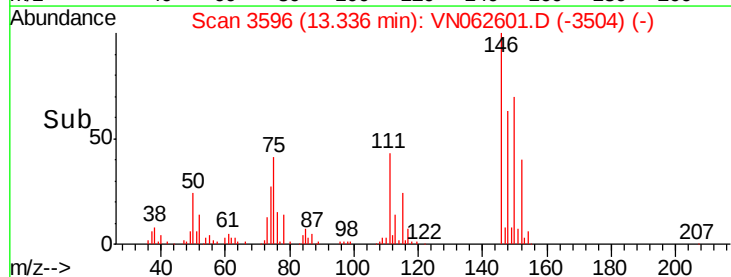
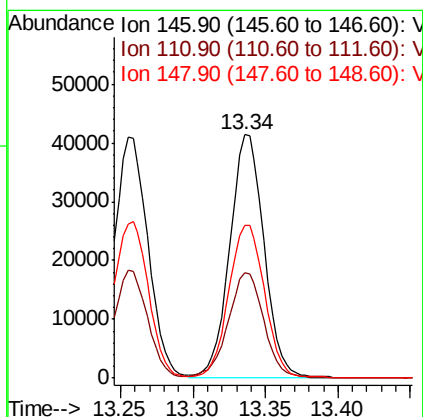
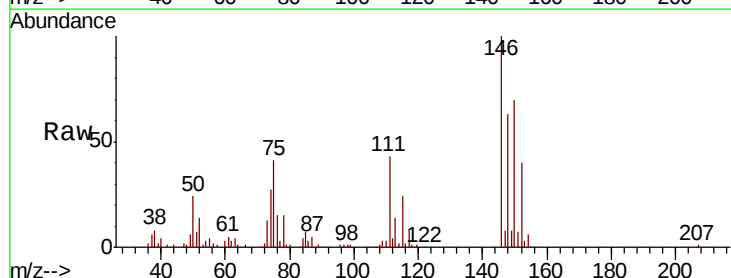
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

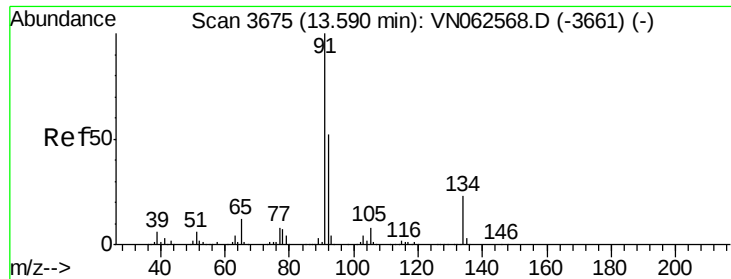
Tot Ion:146 Resp: 67705
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.6 64.6
 148 66.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.064 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Tgt Ion:146 Resp: 67921
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.1 63.1
 148 66.1 31.6 94.8





#89

n-Butylbenzene

Concen: 19.571 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

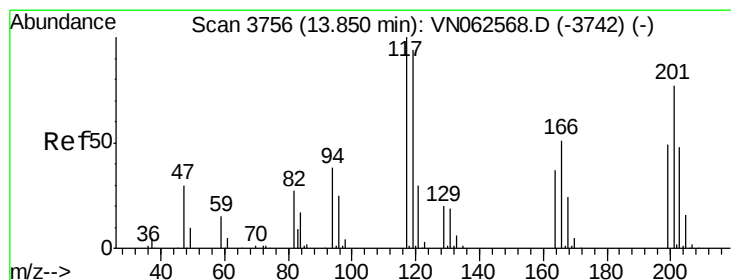
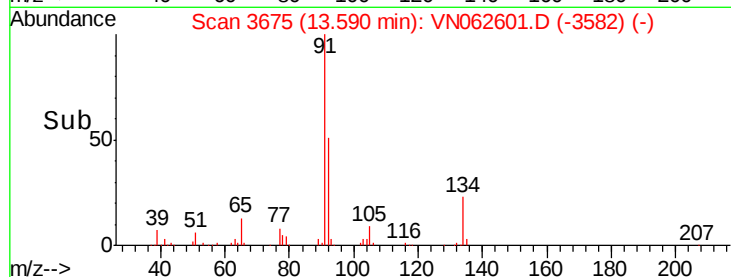
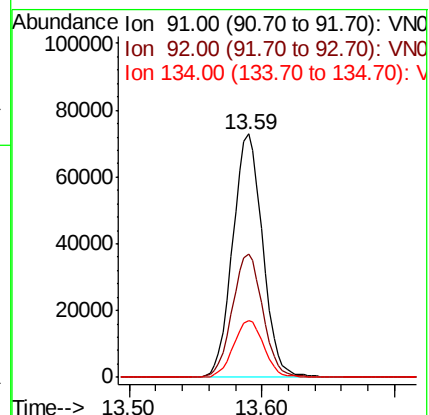
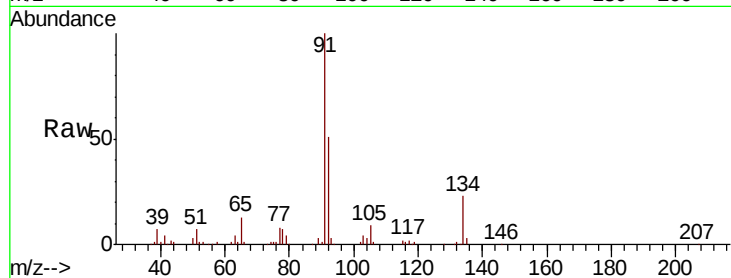
Tot Ion: 91 Resp: 114459

Ion Ratio Lower Upper

91 100

92 51.7 25.8 77.3

134 23.6 11.8 35.3



#90

Hexachloroethane

Concen: 18.867 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062601.D

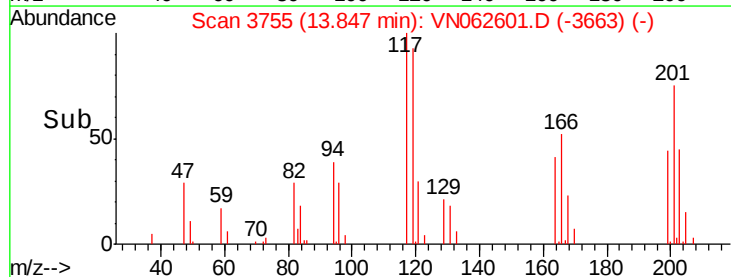
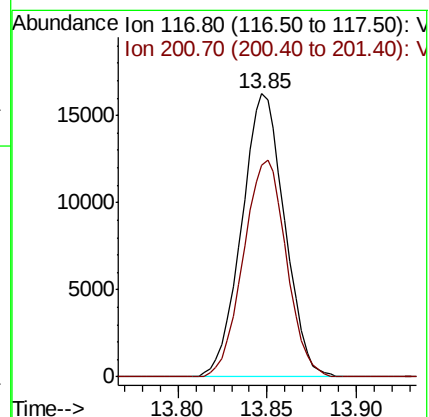
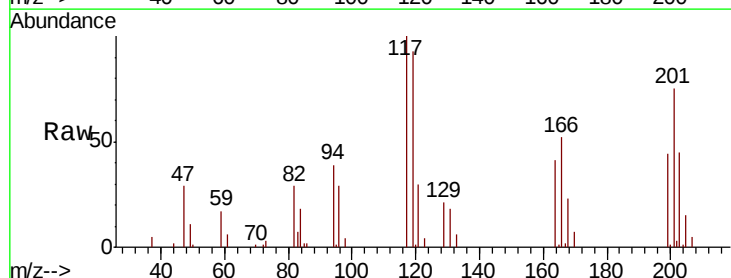
Acq: 27 Jul 2020 16:19

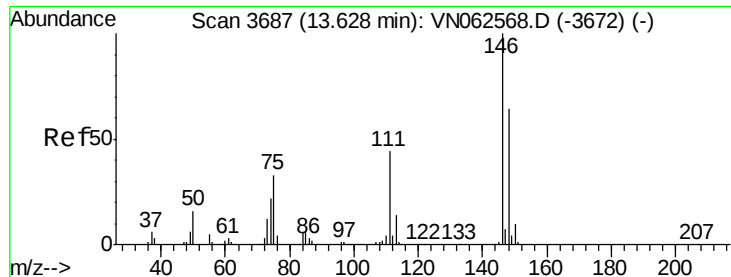
Tgt Ion: 117 Resp: 27337

Ion Ratio Lower Upper

117 100

201 76.6 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 19.129 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

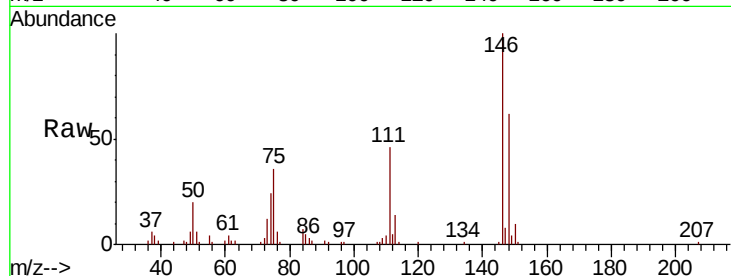
Tot Ion:146 Resp: 66198

Ion Ratio Lower Upper

146 100

111 45.7 21.9 65.8

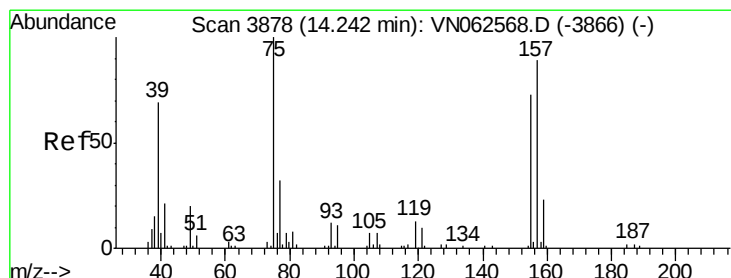
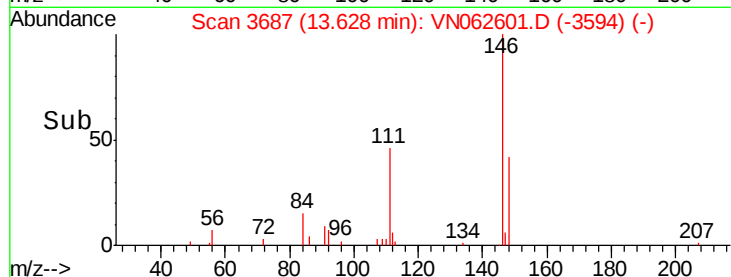
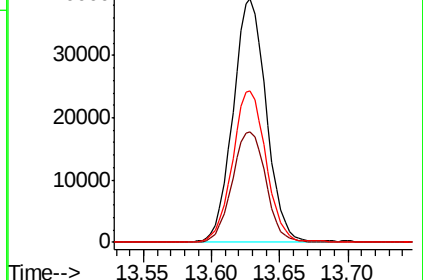
148 62.6 31.6 94.7



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: 19.553 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

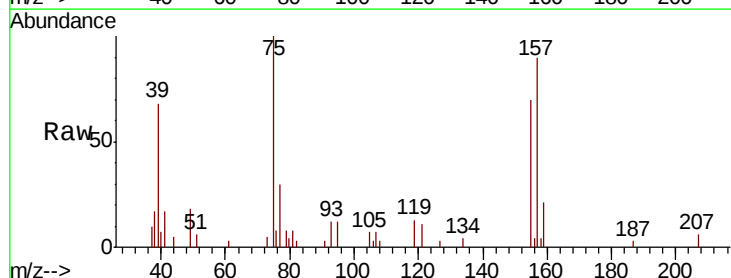
Tgt Ion: 75 Resp: 10587

Ion Ratio Lower Upper

75 100

155 68.0 35.9 107.5

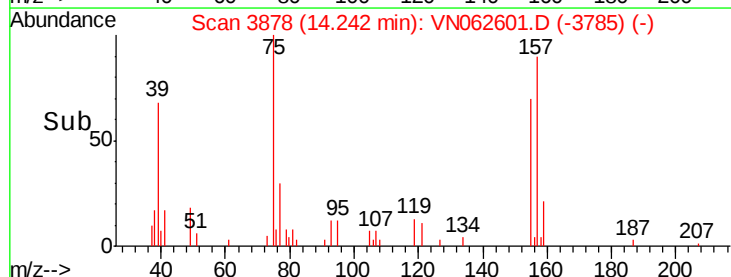
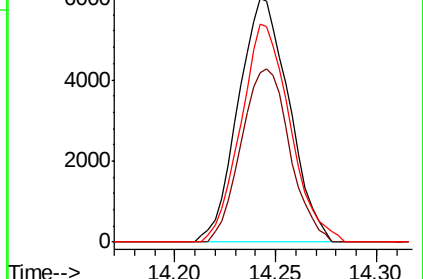
157 86.7 45.0 135.0

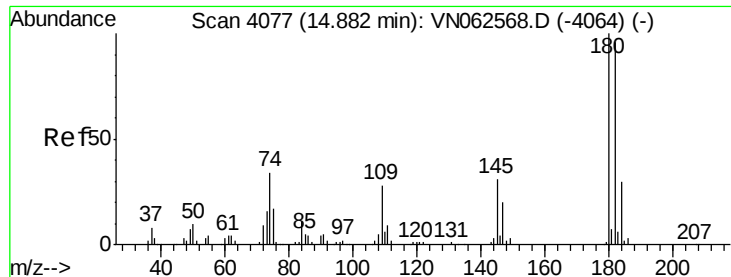


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

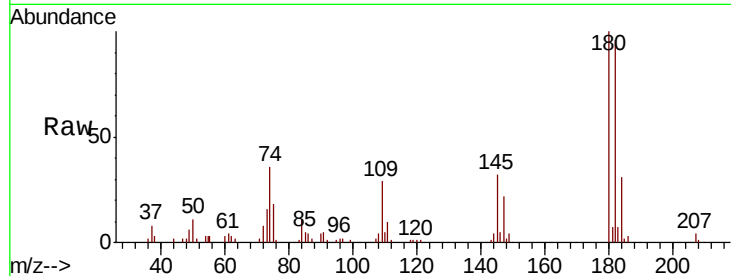




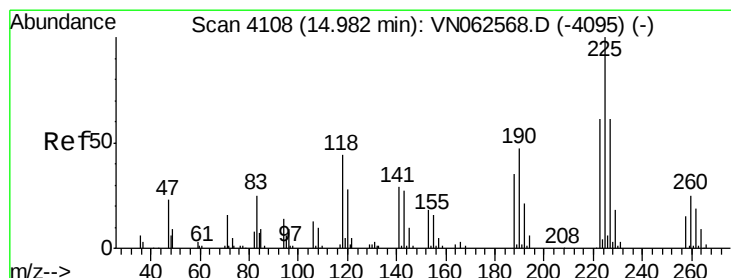
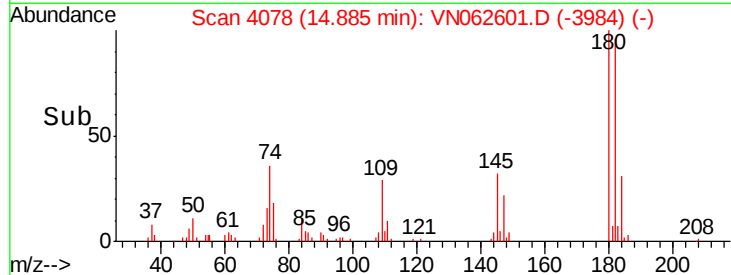
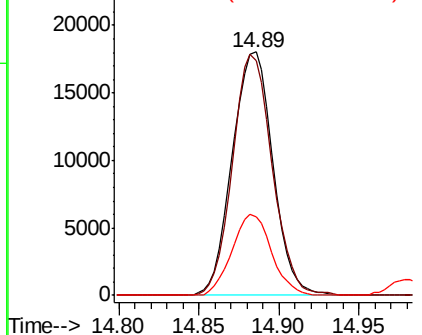
#93
 1,2,4-Trichlorobenzene
 Concen: 19.197 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Tot Ion:180 Resp: 31221
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.8 143.3
 145 32.3 15.3 45.9

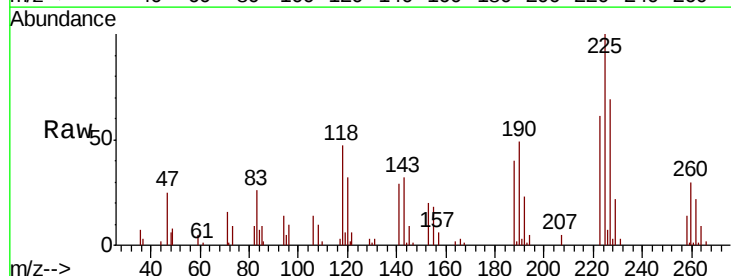


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

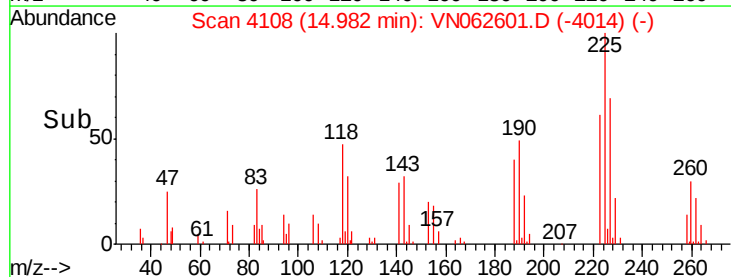
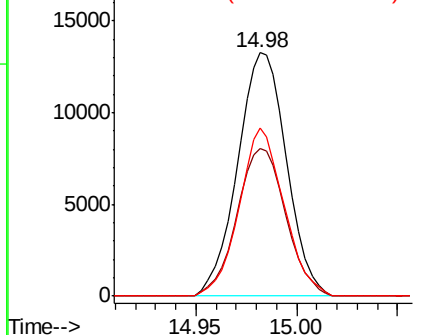


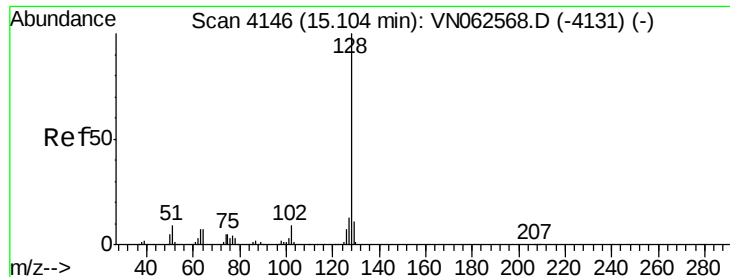
#94
 Hexachlorobutadiene
 Concen: 23.772 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062601.D
 Acq: 27 Jul 2020 16:19

Tgt Ion:225 Resp: 22469
 Ion Ratio Lower Upper
 225 100
 223 60.6 32.0 96.0
 227 63.3 31.1 93.2



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





#95

Naphthalene

Concen: 18.538 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

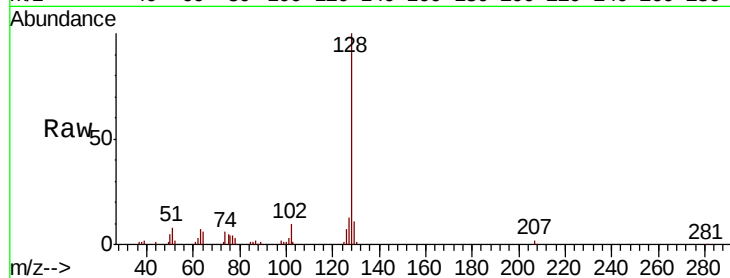
Tot Ion:128 Resp: 77122

Ion Ratio Lower Upper

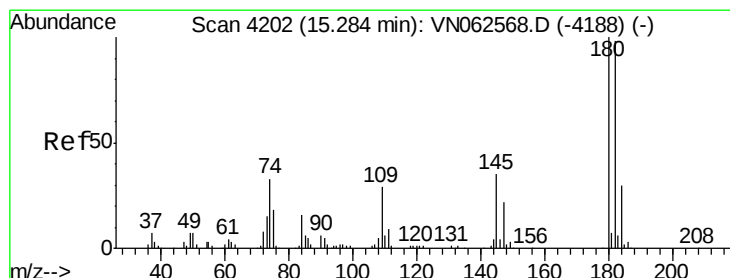
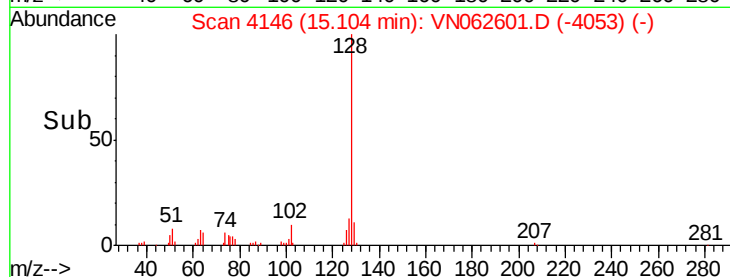
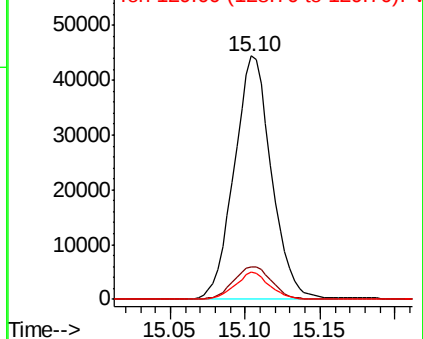
128 100

127 13.6 10.4 15.6

129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.818 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062601.D

Acq: 27 Jul 2020 16:19

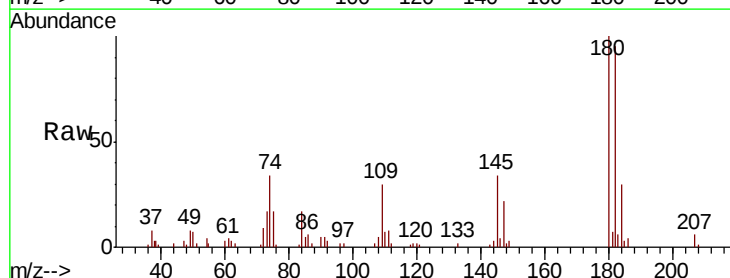
Tgt Ion:180 Resp: 32321

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.3

145 34.6 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

