

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062423.D
 Acq On : 8 Jul 2020 22:46
 Operator : JC/MD
 Sample : VN0708WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS02

Quant Time: Jul 09 02:25:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	189834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	333482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	303011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	150305	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.55	113	104670	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	10.06	98	413721	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.38	95	147639	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38375	19.846	ug/l	97
3) Chloromethane	2.04	50	60221	19.410	ug/l	96
4) Vinyl Chloride	2.16	62	50926	20.034	ug/l	99
5) Bromomethane	2.53	94	27686	20.280	ug/l	97
6) Chloroethane	2.67	64	30330	20.486	ug/l	99
7) Trichlorofluoromethane	2.99	101	66123	20.482	ug/l	99
8) Diethyl Ether	3.37	74	28231	19.556	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	38784	20.266	ug/l	99
10) Methyl Iodide	3.91	142	48469	19.181	ug/l	98
11) Tert butyl alcohol	4.73	59	46762	96.544	ug/l	97
12) 1,1-Dichloroethene	3.70	96	38382	19.699	ug/l	96
13) Acrolein	3.57	56	27794	79.546	ug/l	99
14) Allyl chloride	4.28	41	88556	19.325	ug/l	99
15) Acrylonitrile	4.93	53	128374	101.057	ug/l	99
16) Acetone	3.78	43	109019	87.943	ug/l	97
17) Carbon Disulfide	4.01	76	116873	19.142	ug/l	100
18) Methyl Acetate	4.28	43	59424	19.208	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	145909	19.751	ug/l	99
20) Methylene Chloride	4.50	84	50349	18.996	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	42050	19.921	ug/l	98
22) Diisopropyl ether	5.90	45	185893	20.532	ug/l	98
23) Vinyl Acetate	5.84	43	752351	100.315	ug/l	98
24) 1,1-Dichloroethane	5.80	63	94353	20.168	ug/l	99
25) 2-Butanone	6.79	43	176110	97.275	ug/l	99
26) 2,2-Dichloropropane	6.78	77	64652	18.023	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	49867	20.396	ug/l	98
28) Bromochloromethane	7.15	49	48199	18.963	ug/l	99
29) Tetrahydrofuran	7.17	42	118611	97.311	ug/l	99
30) Chloroform	7.33	83	86590	20.499	ug/l	99
31) Cyclohexane	7.62	56	87340	19.693	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	70558	20.081	ug/l	98
36) 1,1-Dichloropropene	7.75	75	64819	19.293	ug/l	98
37) Ethyl Acetate	6.88	43	76091	19.368	ug/l	99
38) Carbon Tetrachloride	7.73	117	60513	20.034	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	70148	19.557	ug/l	99
40) Benzene	8.00	78	199203	20.117	ug/l	100
41) Methacrylonitrile	7.17	41	108198	65.918	ug/l #	19
42) 1,2-Dichloroethane	8.09	62	72440	19.979	ug/l	99
43) Isopropyl Acetate	8.13	43	120047	19.343	ug/l #	93
44) Trichloroethene	8.80	130	44830	20.405	ug/l	97
45) 1,2-Dichloropropane	9.08	63	57332	19.945	ug/l	100
46) Dibromomethane	9.18	93	32209	19.856	ug/l	99
47) Bromodichloromethane	9.37	83	68580	19.774	ug/l	99
48) Methyl methacrylate	9.17	41	57305	18.824	ug/l	98
49) 1,4-Dioxane	9.17	88	16952	382.574	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	366940	98.991	ug/l	100
52) Toluene	10.12	92	115554	20.203	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	75352	19.393	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	82793	19.312	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	45287	20.132	ug/l	98
56) Ethyl methacrylate	10.40	69	74111	19.001	ug/l	98
57) 1,3-Dichloropropane	10.68	76	84711	20.383	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	122082	91.478	ug/l	100
59) 2-Hexanone	10.72	43	261253	97.082	ug/l	100
60) Dibromochloromethane	10.88	129	48502	19.885	ug/l	99
61) 1,2-Dibromoethane	10.98	107	45888	20.208	ug/l	97
64) Tetrachloroethene	10.61	164	36008	20.026	ug/l	98
65) Chlorobenzene	11.41	112	119178	20.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	43841	20.187	ug/l	99
67) Ethyl Benzene	11.48	91	220494	19.946	ug/l	99
68) m/p-Xylenes	11.60	106	157569	40.265	ug/l	100
69) o-Xylene	11.92	106	76868	20.174	ug/l	97
70) Styrene	11.94	104	128500	20.406	ug/l	99
71) Bromoform	12.10	173	32331	20.308	ug/l #	99
73) Isopropylbenzene	12.22	105	207387	20.393	ug/l	100
74) N-amyl acetate	12.05	43	98454	19.891	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	68540	20.045	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	87744	27.211	ug/l #	100
77) Bromobenzene	12.50	156	47374	20.491	ug/l	95
78) n-propylbenzene	12.57	91	239121	20.130	ug/l	100
79) 2-Chlorotoluene	12.65	91	144841	20.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170125	20.407	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	21636	17.959	ug/l	95
82) 4-Chlorotoluene	12.75	91	148703	20.316	ug/l	100
83) tert-Butylbenzene	12.97	119	142676	20.167	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	168213	20.300	ug/l	100
85) sec-Butylbenzene	13.15	105	189563	20.220	ug/l	100
86) p-Isopropyltoluene	13.26	119	165168	20.413	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79807	20.010	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	80120	19.523	ug/l	97
89) n-Butylbenzene	13.59	91	134844	18.874	ug/l	99
90) Hexachloroethane	13.85	117	31856	20.014	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	79583	20.637	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12580	20.160	ug/l	98

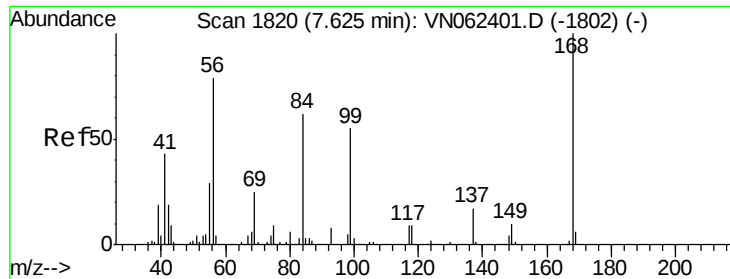
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062423.D
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33922	19.671	ug/l	99
94) Hexachlorobutadiene	14.98	225	20352	19.877	ug/l	98
95) Naphthalene	15.11	128	93252	19.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	35029	19.003	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

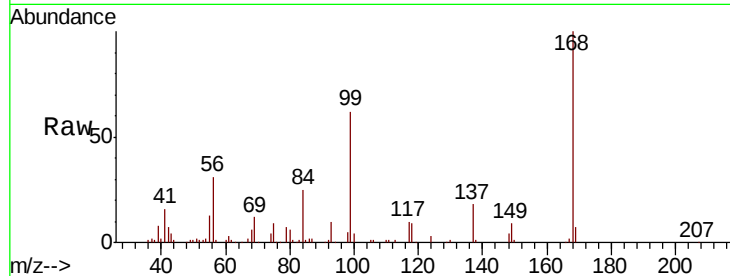
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

Tot Ion:168 Resp: 189834

Ion Ratio Lower Upper

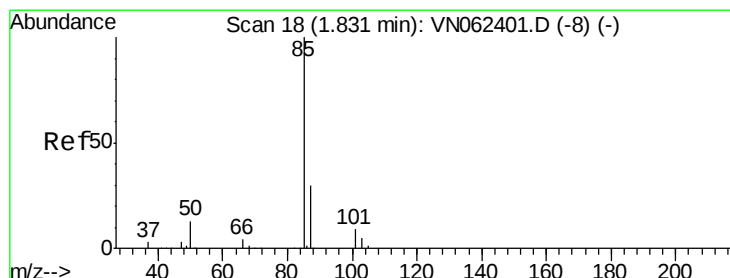
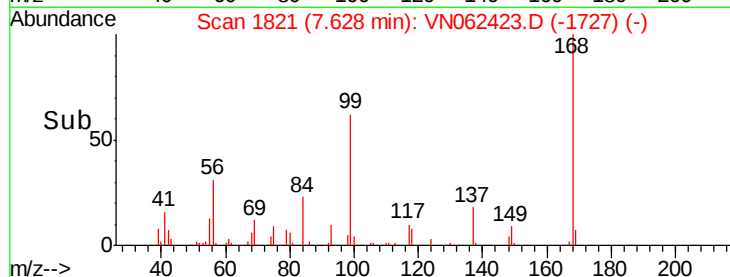
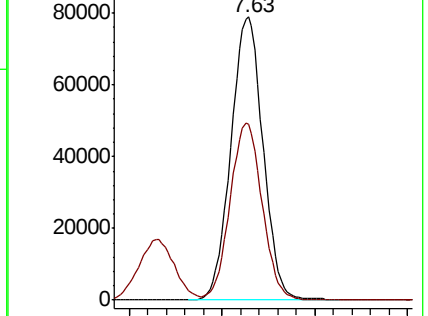
168 100

99 61.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.846 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062423.D

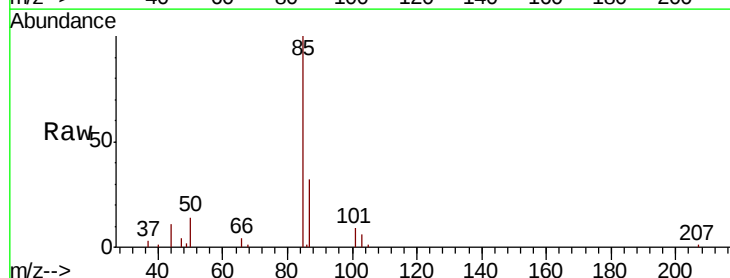
Acq: 8 Jul 2020 22:46

Tgt Ion: 85 Resp: 38375

Ion Ratio Lower Upper

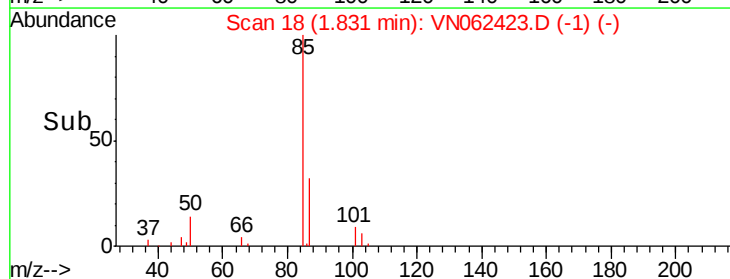
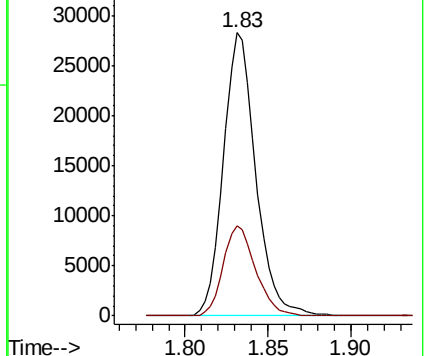
85 100

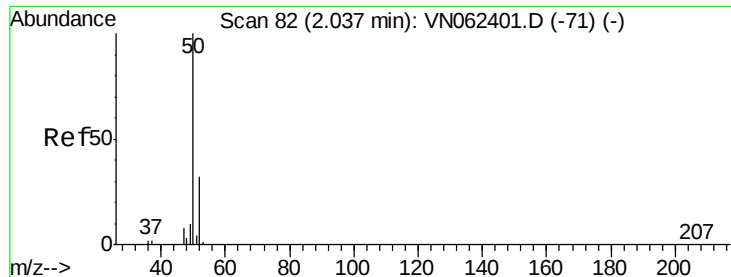
87 32.0 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.410 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

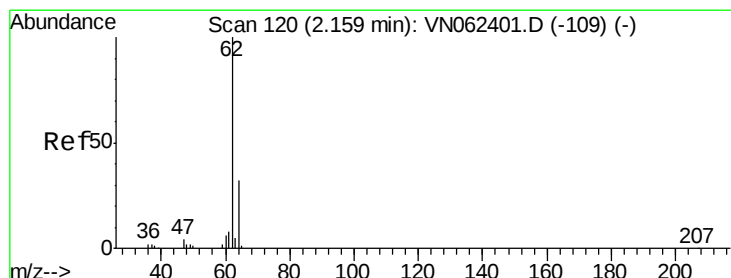
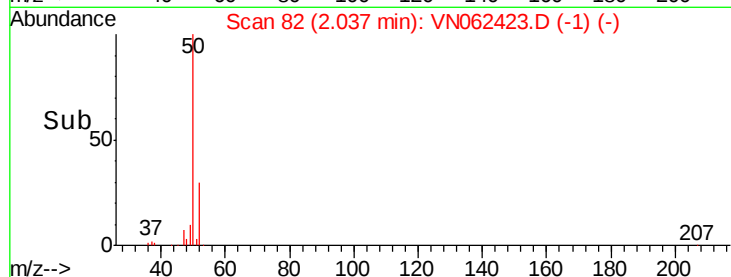
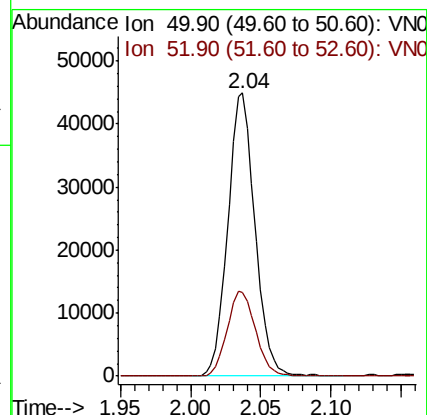
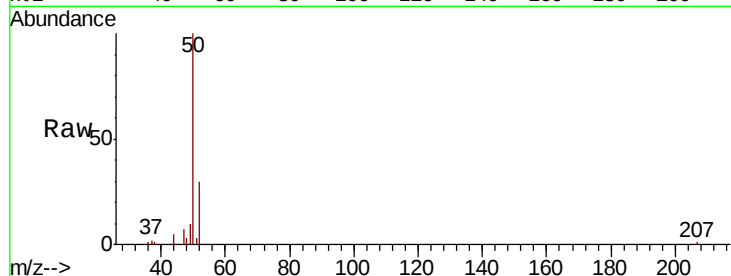
VN0708WBS02

Tot Ion: 50 Resp: 60221

Ion Ratio Lower Upper

50 100

52 29.7 25.5 38.3



#4

Vinyl Chloride

Concen: 20.034 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062423.D

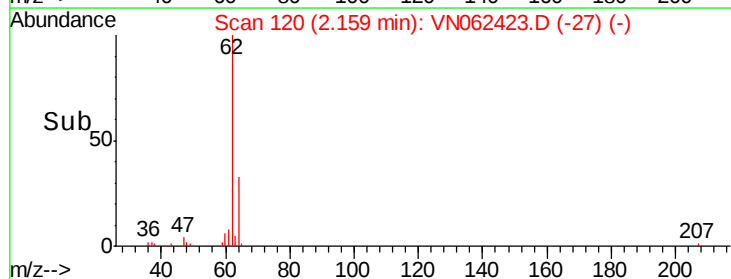
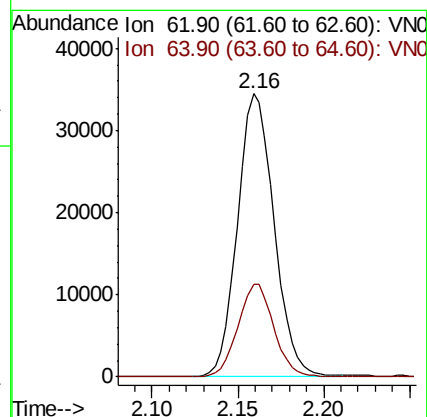
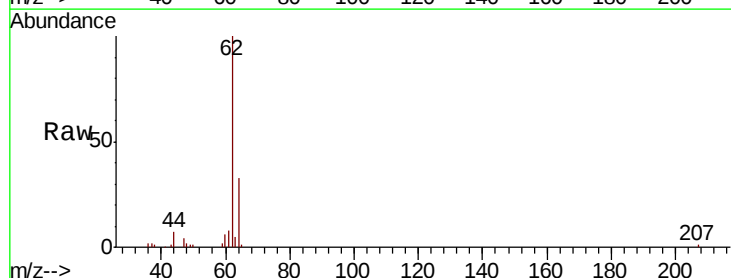
Acq: 8 Jul 2020 22:46

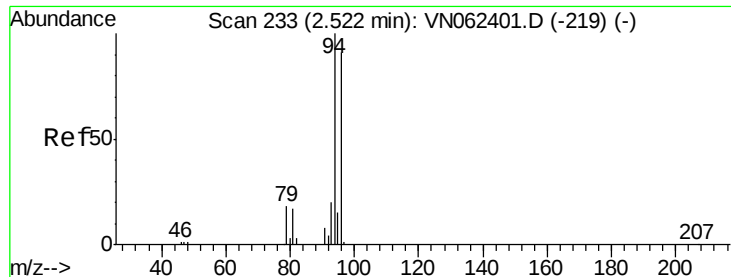
Tgt Ion: 62 Resp: 50926

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 20.280 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

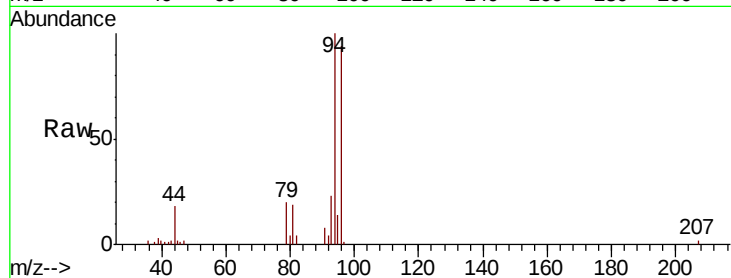
VN0708WBS02

Tot Ion: 94 Resp: 27686

Ion Ratio Lower Upper

94 100

96 94.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

15000

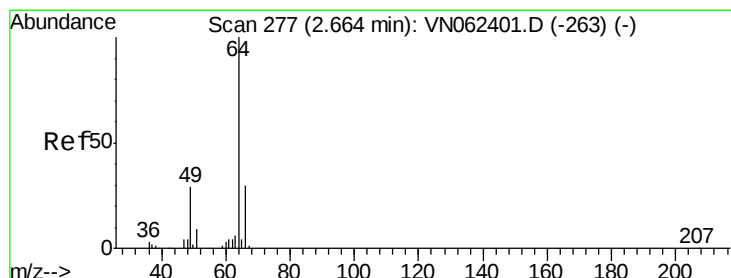
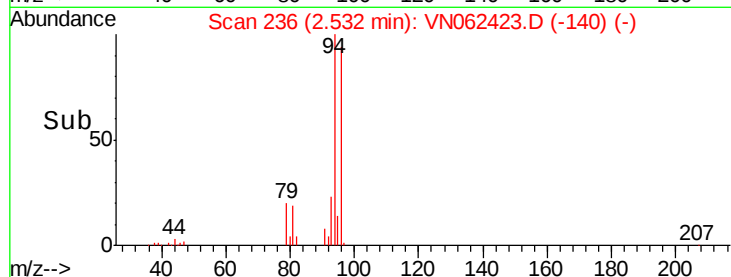
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 20.486 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062423.D

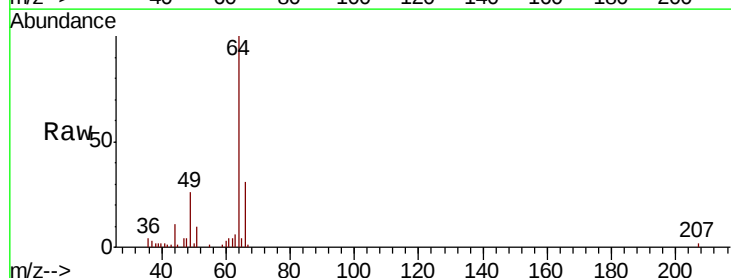
Acq: 8 Jul 2020 22:46

Tgt Ion: 64 Resp: 30330

Ion Ratio Lower Upper

64 100

66 30.9 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

15000

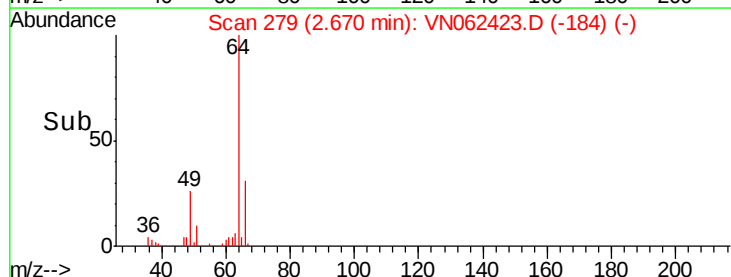
10000

5000

0

Time-->

2.60 2.65 2.70 2.75



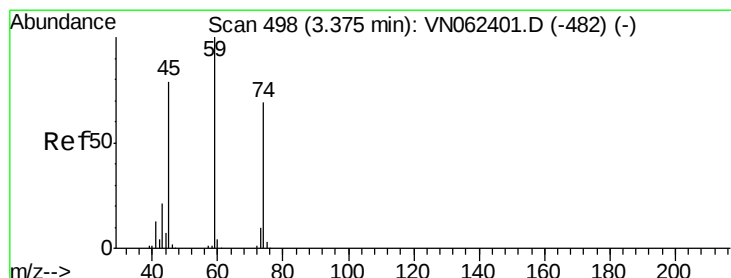
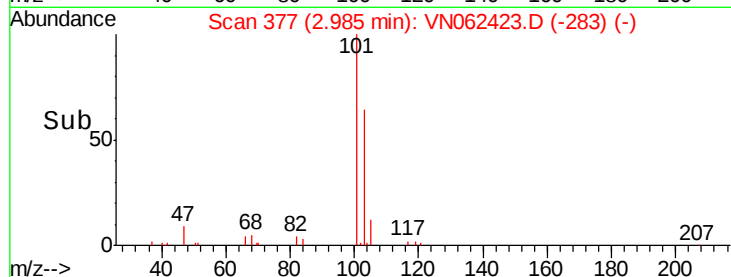
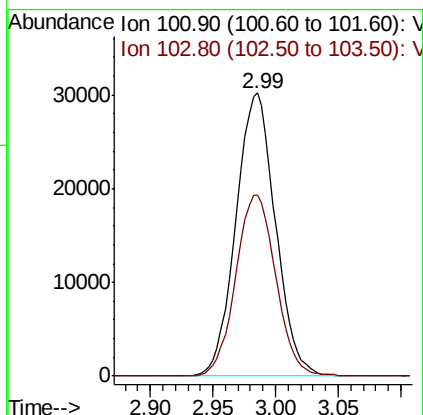
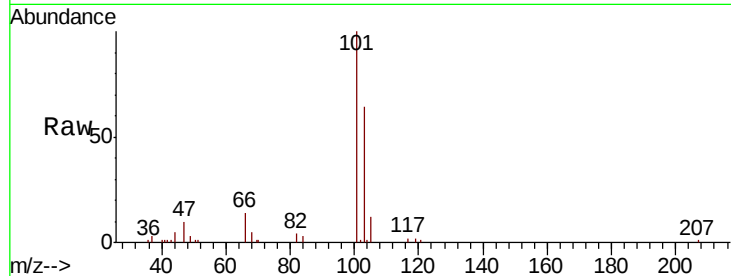


#7

Trichlorofluoromethane
 Concen: 20.482 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Instrument :
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 ClientSampleId :
 VN0708WBS02

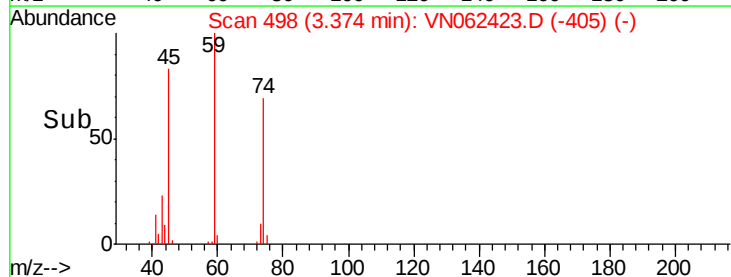
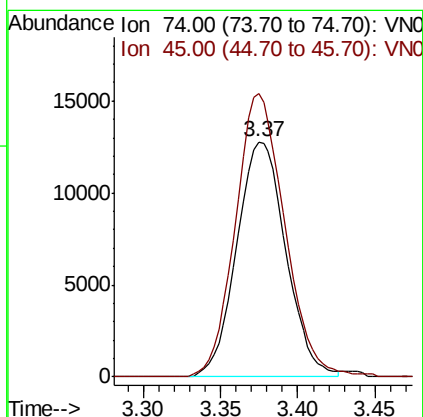
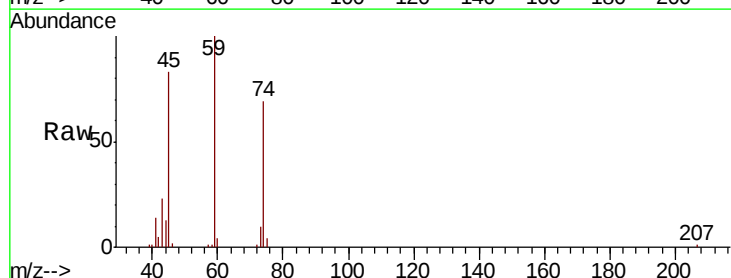
Tot Ion:101 Resp: 66123
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.6 77.4

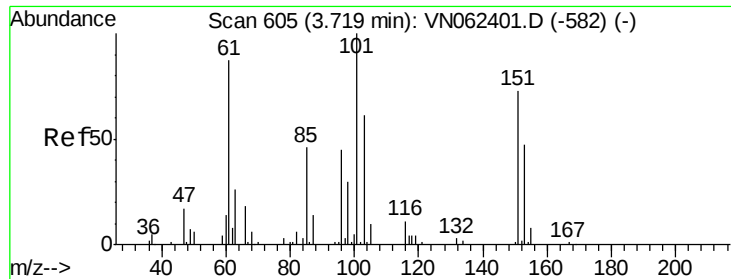


#8

Diethyl Ether
 Concen: 19.556 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion: 74 Resp: 28231
 Ion Ratio Lower Upper
 74 100
 45 121.2 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.266 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS02

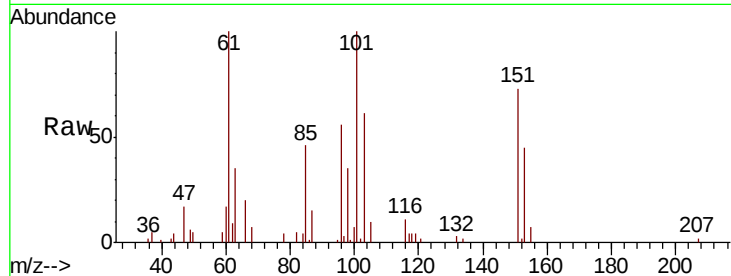
Tot Ion:101 Resp: 38784

Ion Ratio Lower Upper

101 100

85 47.5 36.7 55.1

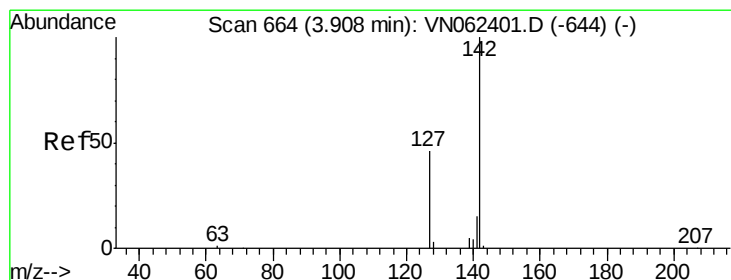
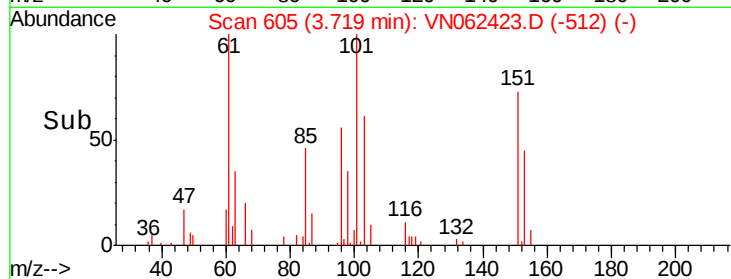
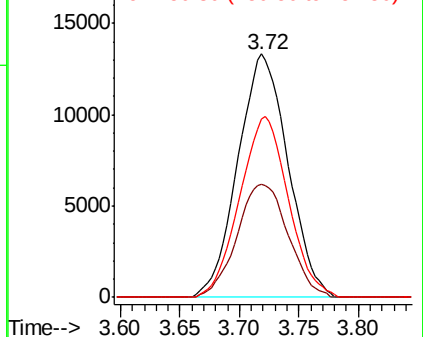
151 72.2 58.3 87.5



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: 19.181 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

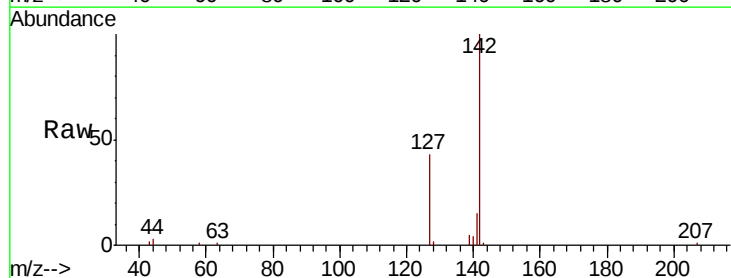
Tgt Ion:142 Resp: 48469

Ion Ratio Lower Upper

142 100

127 43.5 36.1 54.1

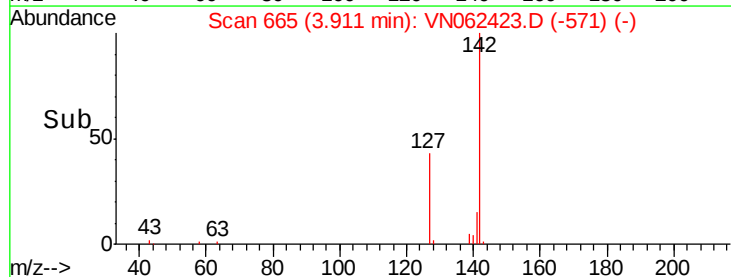
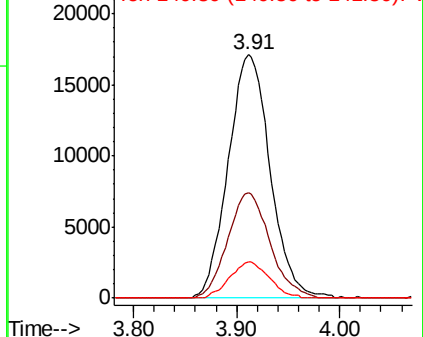
141 14.0 11.4 17.0

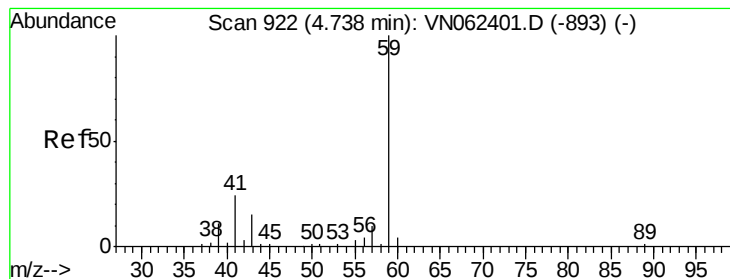


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



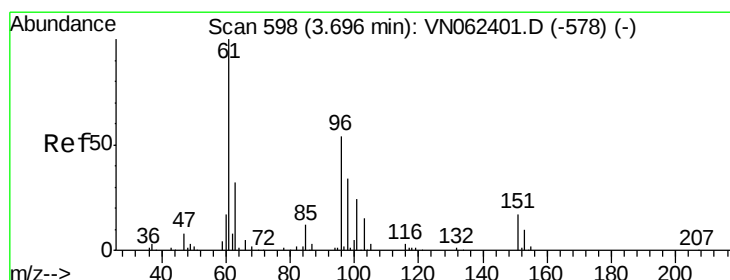
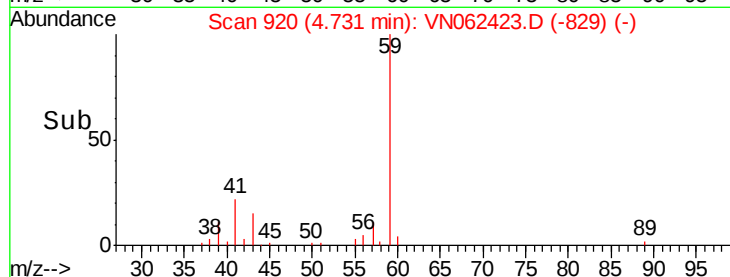
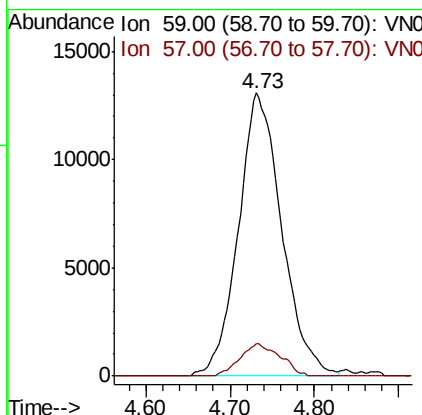
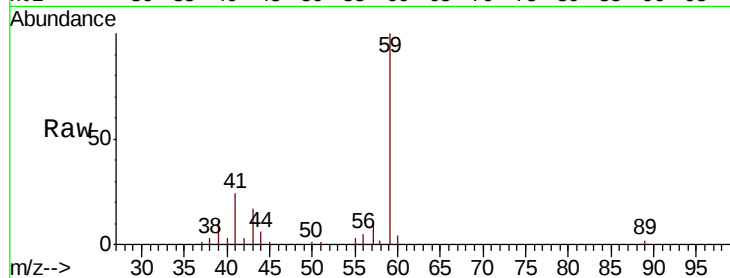


#11

Tert butyl alcohol
 Concen: 96.544 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS02

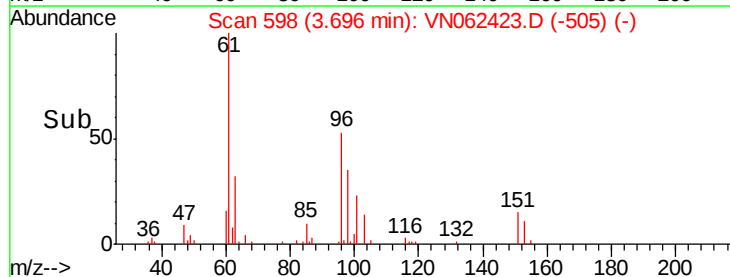
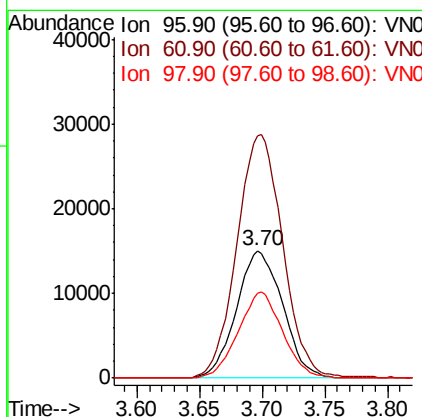
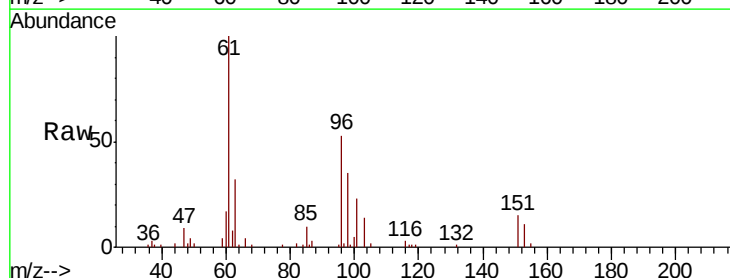
Tot Ion: 59 Resp: 46762
 Ion Ratio Lower Upper
 59 100
 57 10.7 7.8 11.6

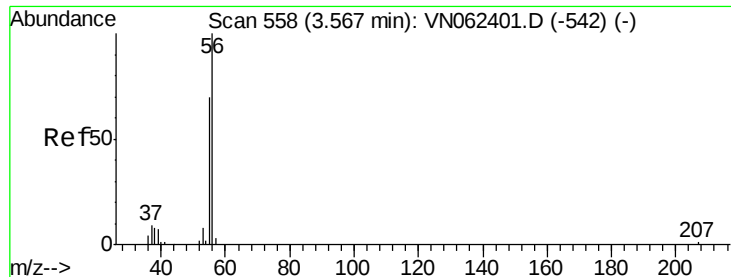


#12

1,1-Dichloroethene
 Concen: 19.699 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion: 96 Resp: 38382
 Ion Ratio Lower Upper
 96 100
 61 190.1 147.4 221.0
 98 66.1 50.4 75.6





#13

Acrolein

Concen: 79.546 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

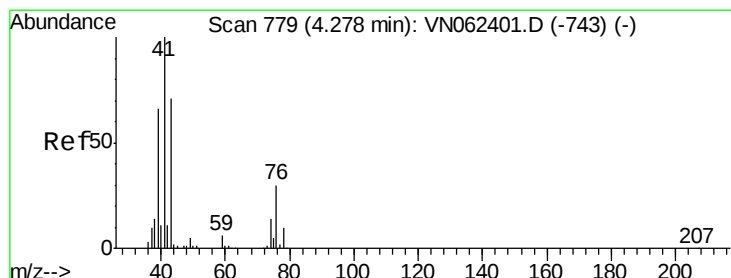
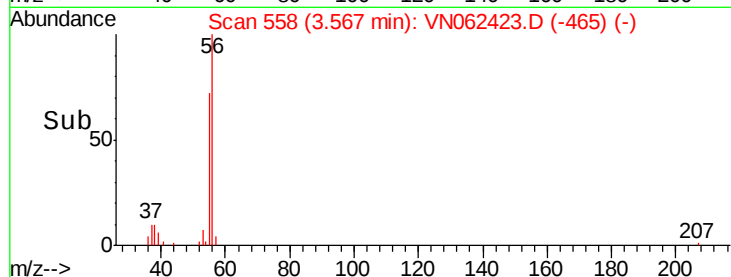
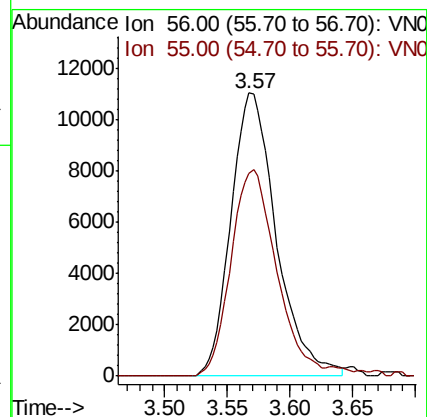
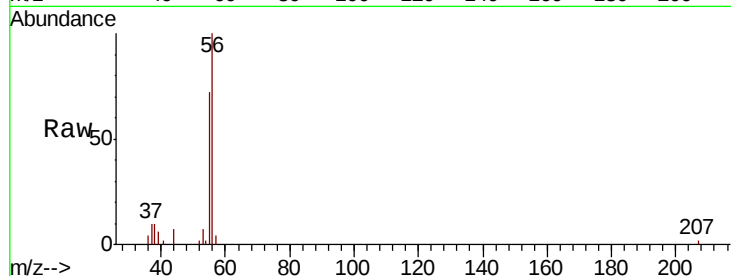
VN0708WBS02

Tot Ion: 56 Resp: 27794

Ion Ratio Lower Upper

56 100

55 72.7 57.2 85.8



#14

Allyl chloride

Concen: 19.325 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

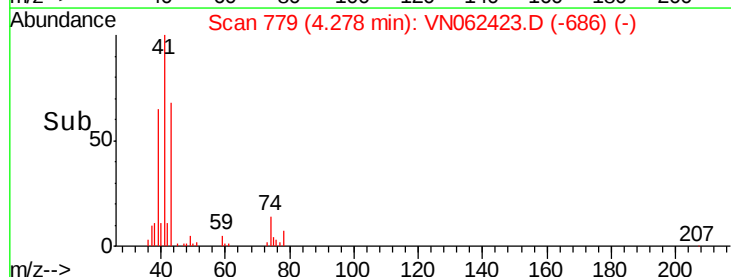
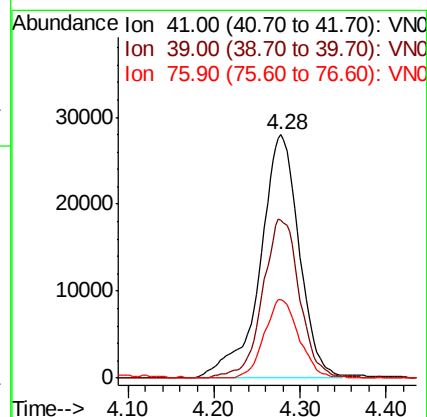
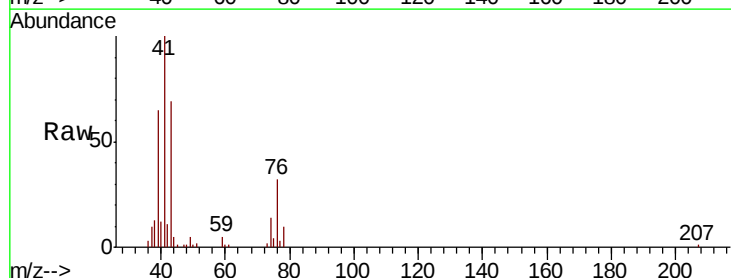
Tgt Ion: 41 Resp: 88556

Ion Ratio Lower Upper

41 100

39 61.9 49.6 74.4

76 28.7 22.2 33.4





#15

Acrylonitrile

Concen: 101.057 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS02

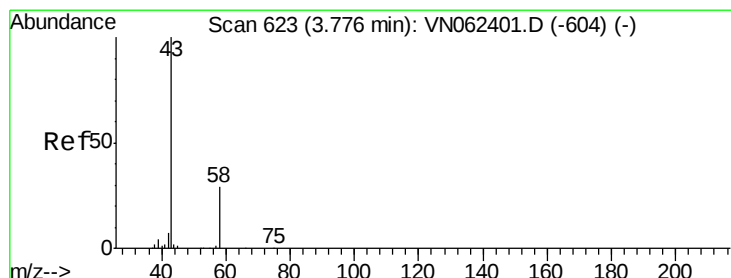
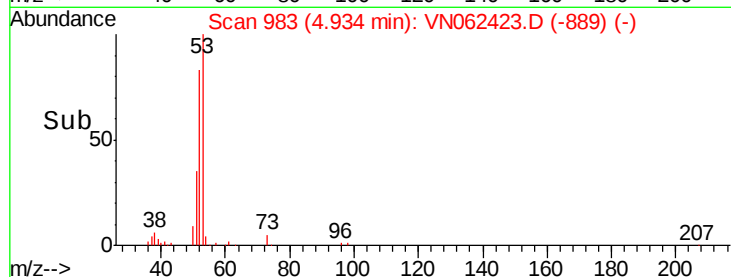
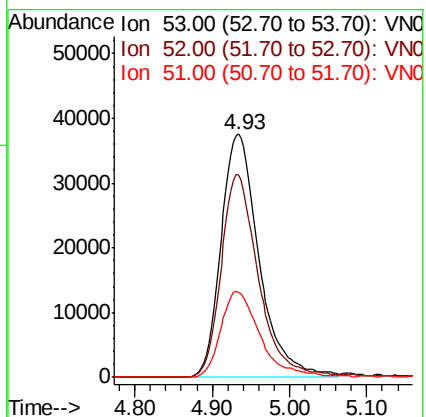
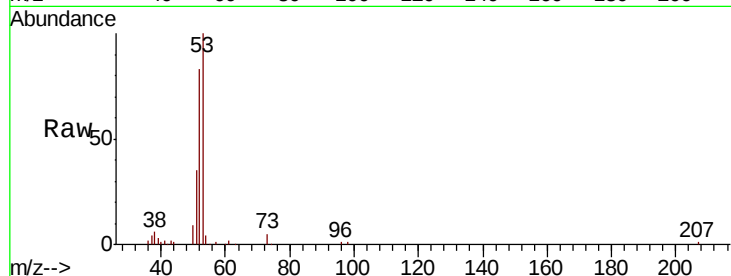
Tot Ion: 53 Resp: 128374

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.4

51 36.3 28.7 43.1



#16

Acetone

Concen: 87.943 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062423.D

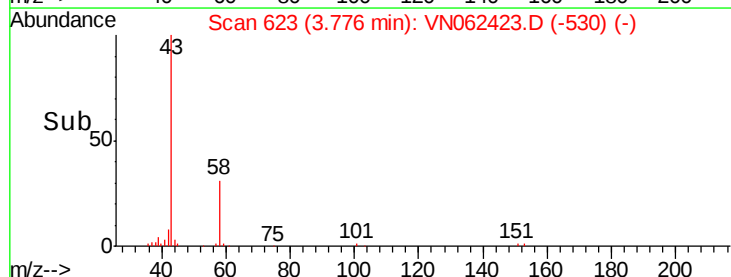
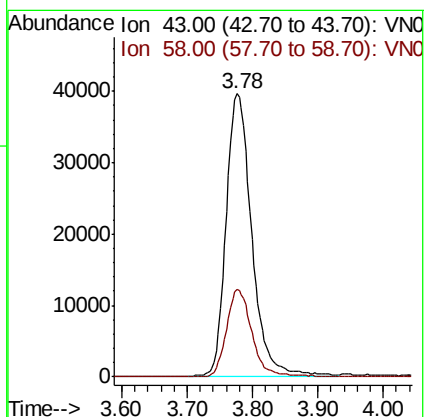
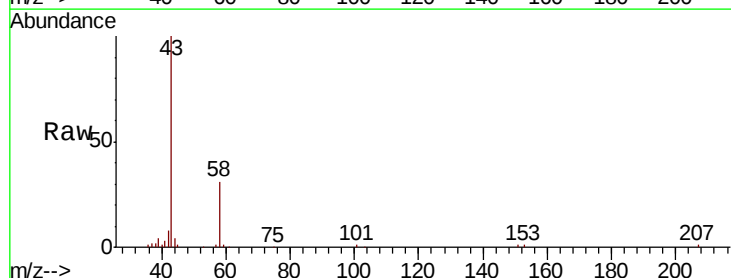
Acq: 8 Jul 2020 22:46

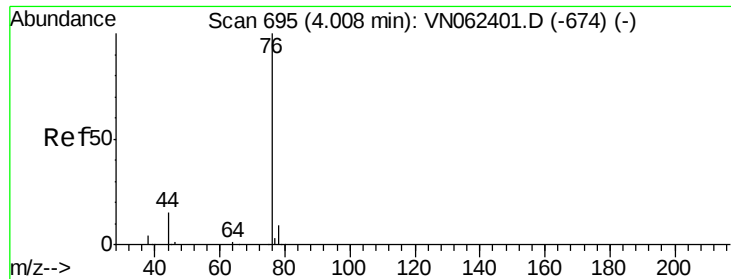
Tgt Ion: 43 Resp: 109019

Ion Ratio Lower Upper

43 100

58 30.8 23.5 35.3

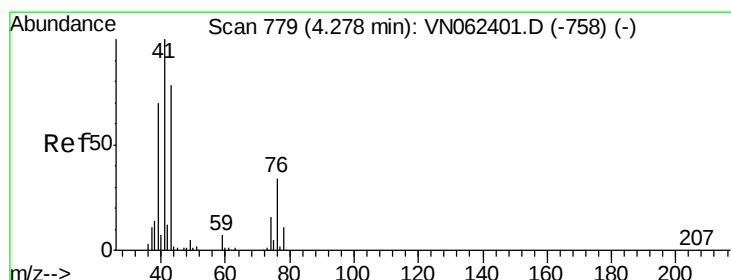
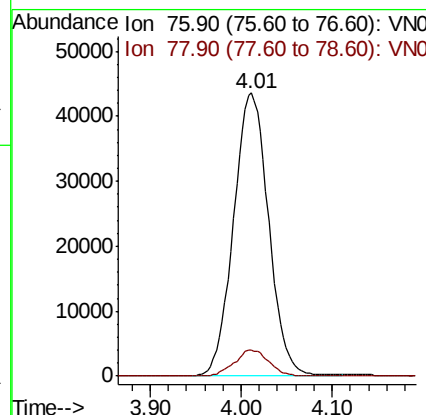
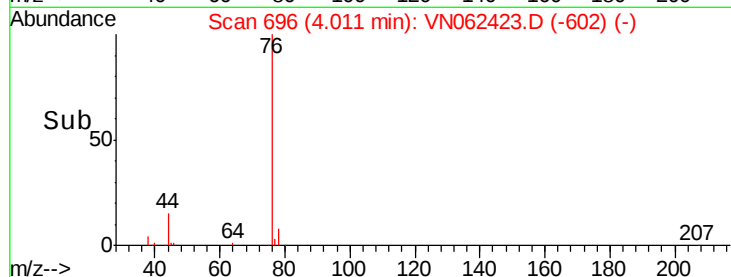
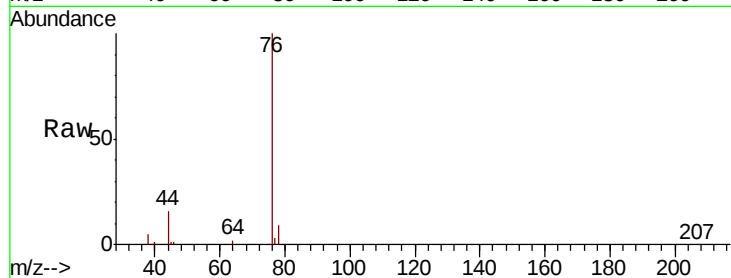




#17
Carbon Disulfide
Concen: 19.142 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

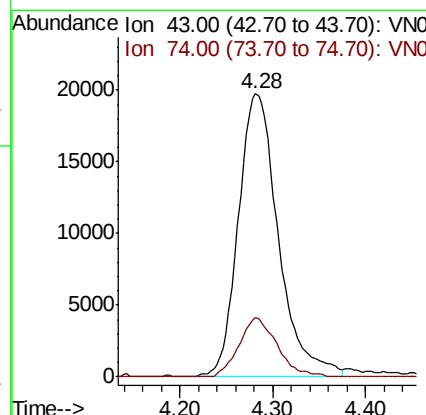
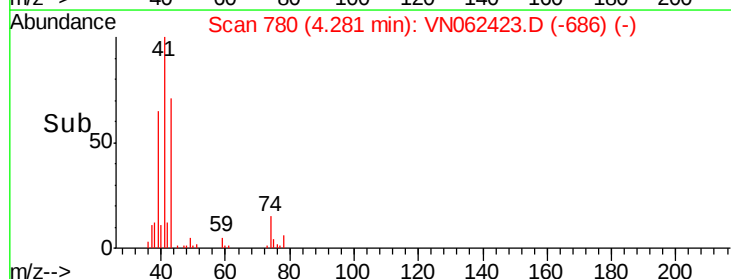
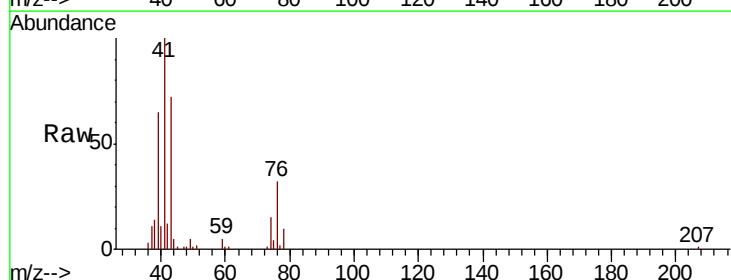
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

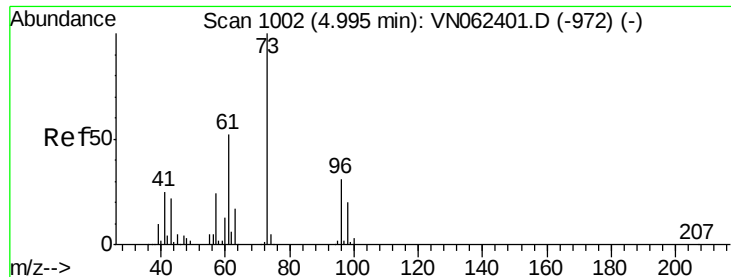
Tot Ion: 76 Resp: 116873
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 19.208 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 43 Resp: 59424
Ion Ratio Lower Upper
43 100
74 19.8 16.0 24.0

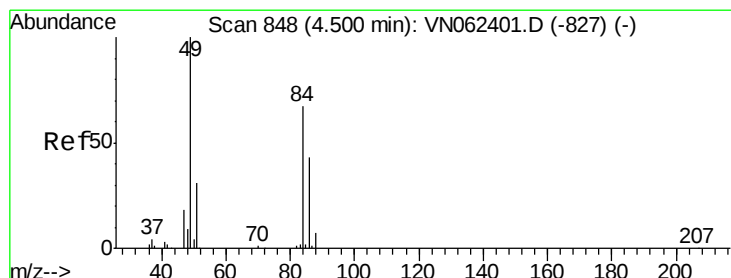
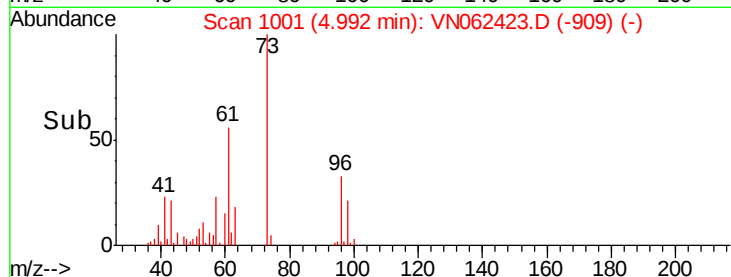
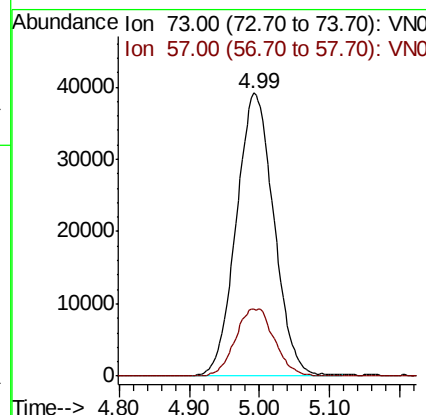
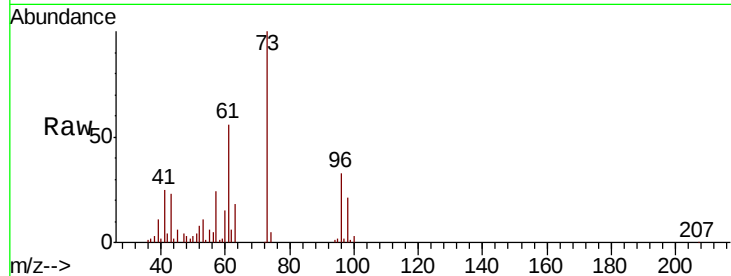




#19
Methvl tert-butvl Ether
Concen: 19.751 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

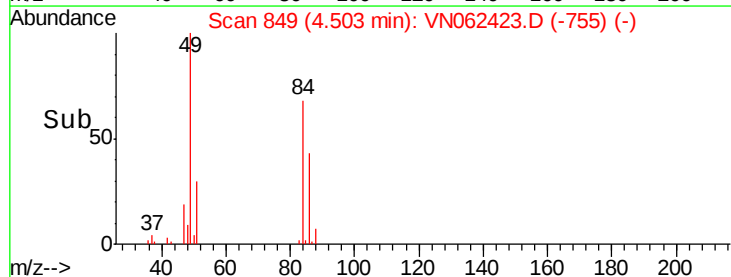
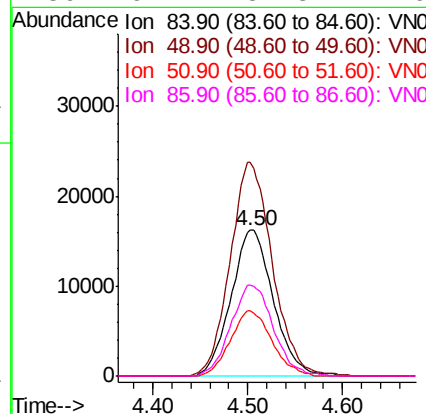
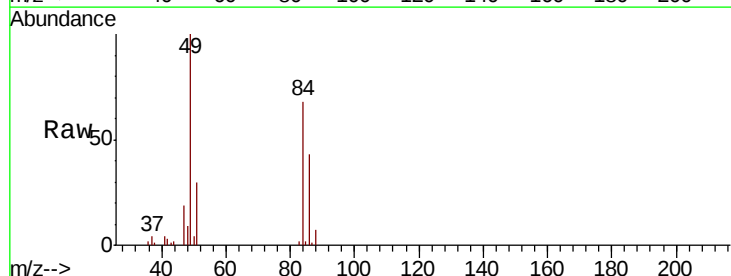
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

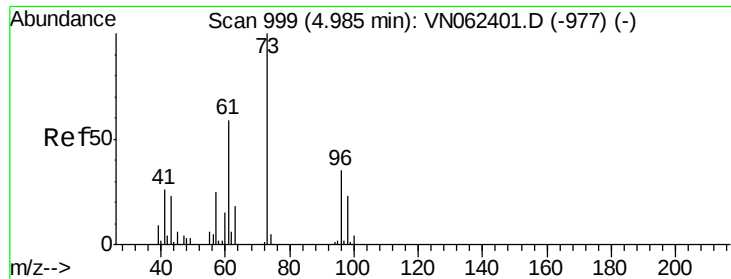
Tot Ion: 73 Resp: 145909
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.0



#20
Methylene Chloride
Concen: 18.996 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 84 Resp: 50349
Ion Ratio Lower Upper
84 100
49 145.3 120.0 180.0
51 44.3 37.0 55.6
86 62.4 51.8 77.6

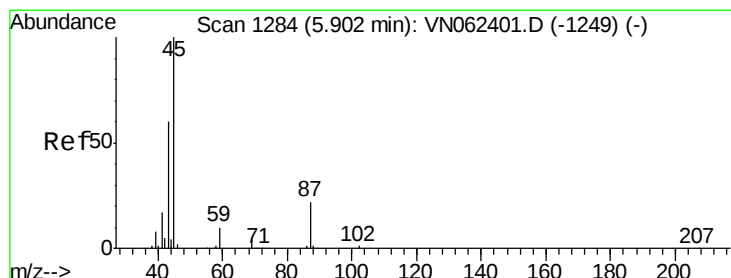
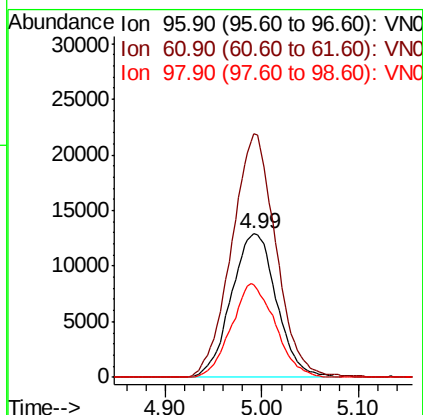
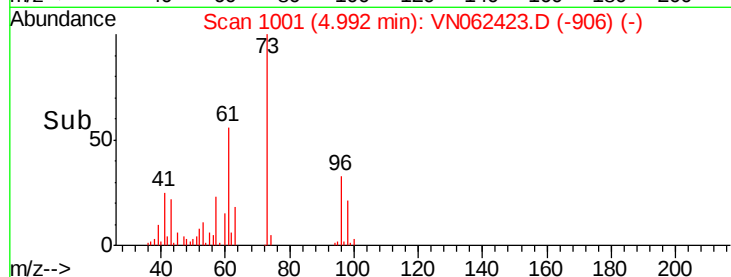
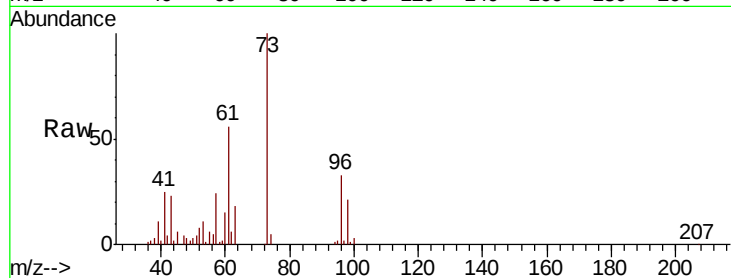




#21
trans-1,2-Dichloroethene
Concen: 19.921 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

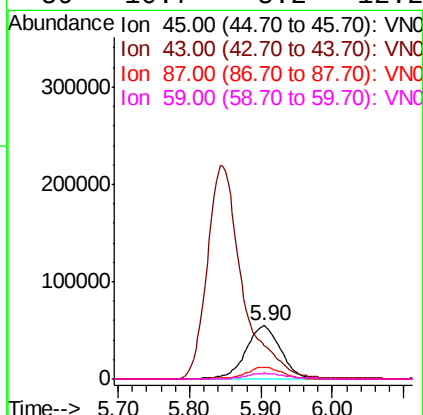
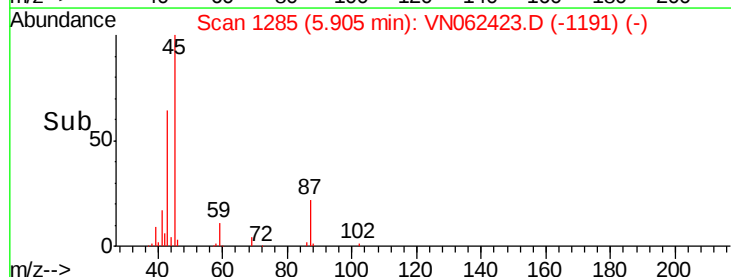
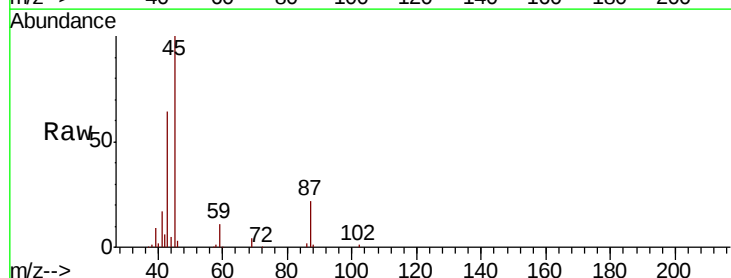
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

Tot Ion: 96 Resp: 42050
Ion Ratio Lower Upper
96 100
61 169.6 133.5 200.3
98 64.3 51.9 77.9



#22
Diisopropyl ether
Concen: 20.532 ug/l
RT: 5.90 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 45 Resp: 185893
Ion Ratio Lower Upper
45 100
43 61.6 50.1 75.1
87 21.7 18.2 27.4
59 10.7 8.2 12.2





#23

Vinyl Acetate

Concen: 100.315 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

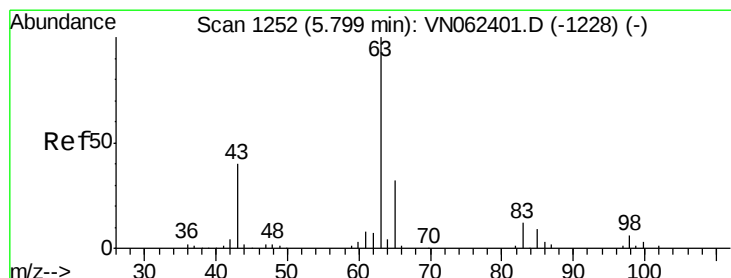
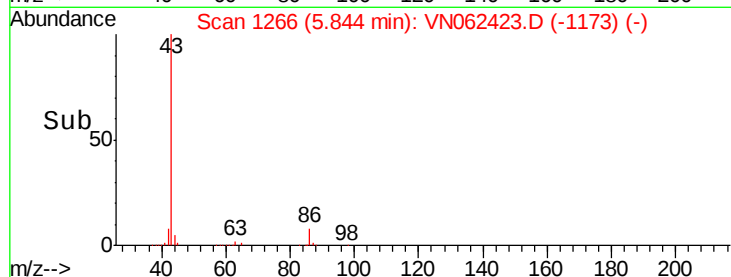
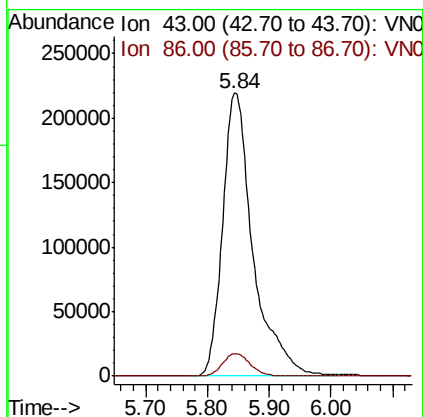
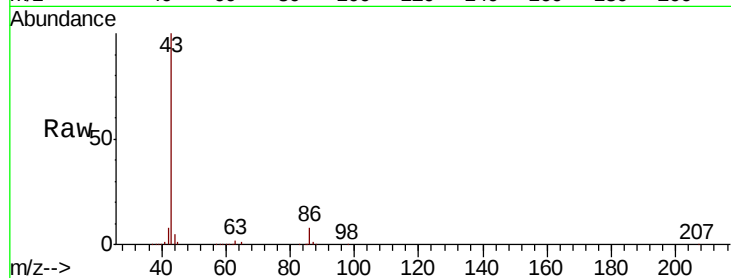
VN0708WBS02

Tot Ion: 43 Resp: 752351

Ion Ratio Lower Upper

43 100

86 7.8 6.7 10.1



#24

1,1-Dichloroethane

Concen: 20.168 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

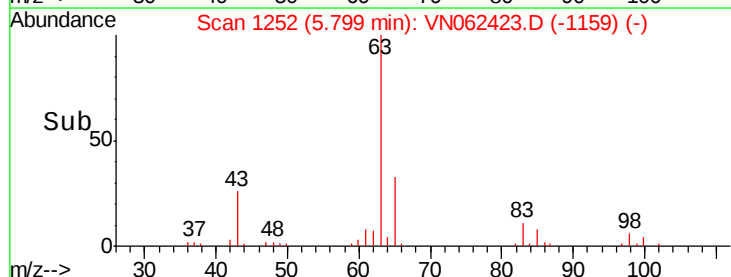
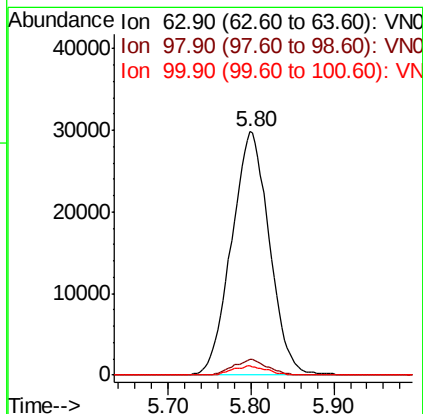
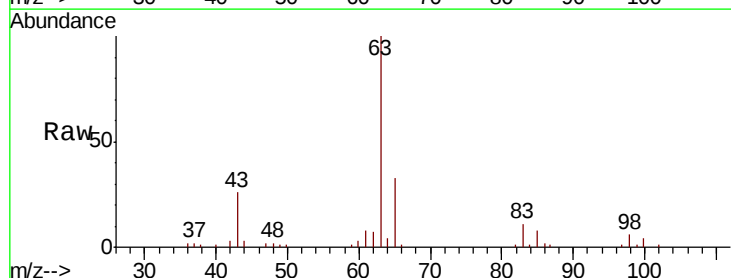
Tgt Ion: 63 Resp: 94353

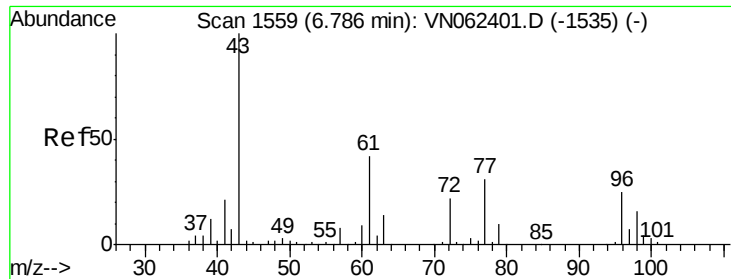
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.7 1.8 5.3





#25

2-Butanone

Concen: 97.275 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampled :

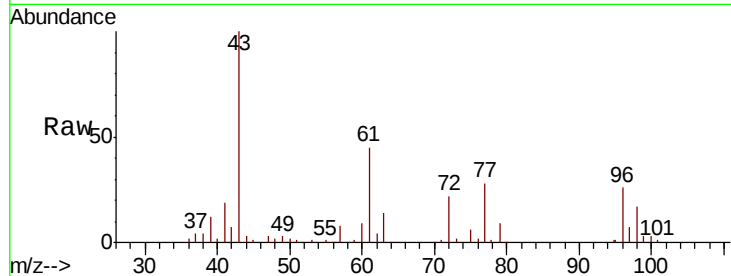
VN0708WBS02

Tot Ion: 43 Resp: 176110

Ion Ratio Lower Upper

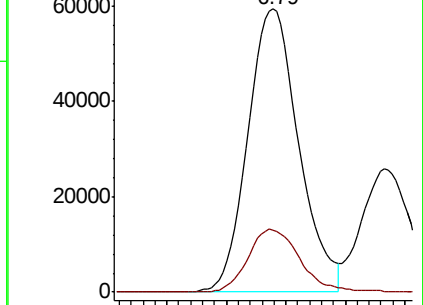
43 100

72 22.1 17.9 26.9

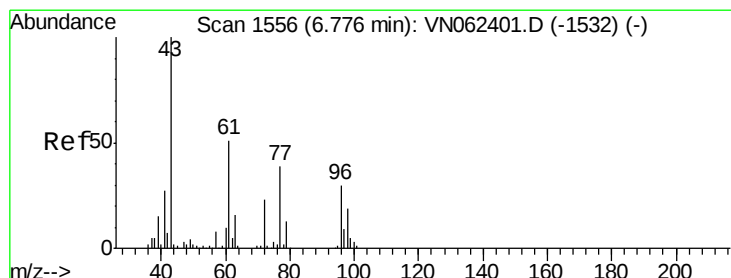
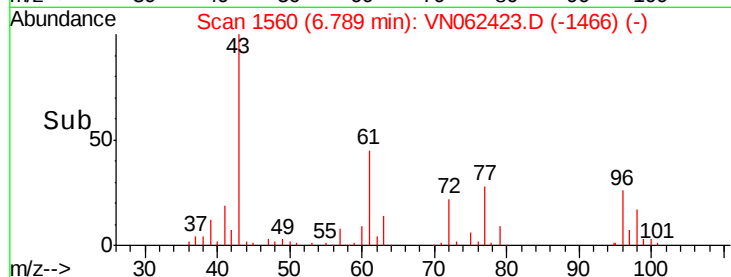


Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1535) (-)

Ion 72.00 (71.70 to 72.70): VN062401.D (-1535) (-)



Time-->



#26

2,2-Dichloropropane

Concen: 18.023 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062423.D

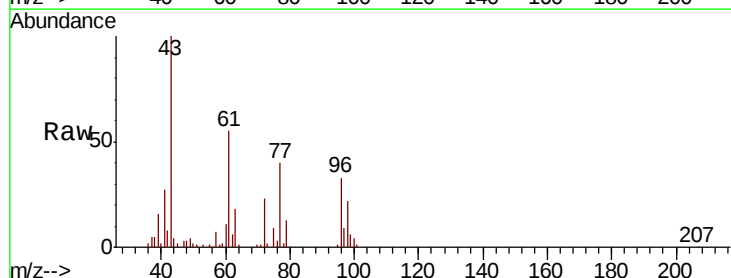
Acq: 8 Jul 2020 22:46

Tgt Ion: 77 Resp: 64652

Ion Ratio Lower Upper

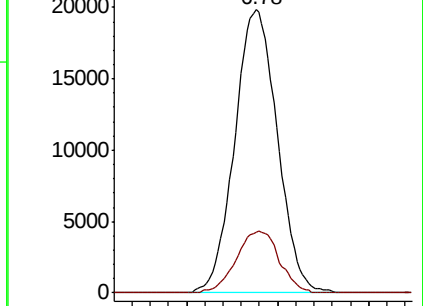
77 100

97 22.0 10.9 32.9

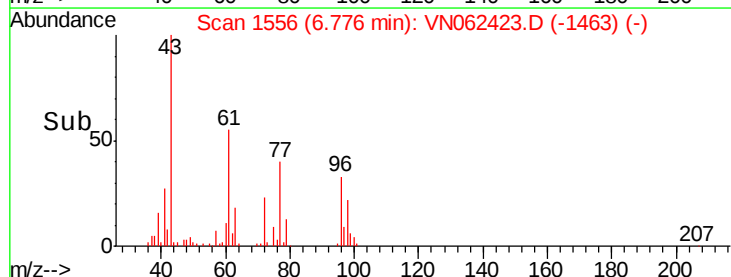


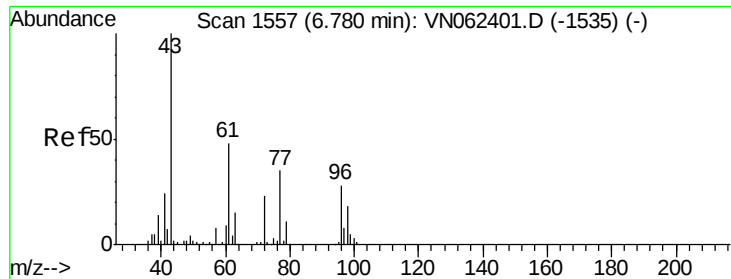
Abundance Ion 76.90 (76.60 to 77.60): VN062401.D (-1532) (-)

Ion 96.90 (96.60 to 97.60): VN062401.D (-1532) (-)



Time-->

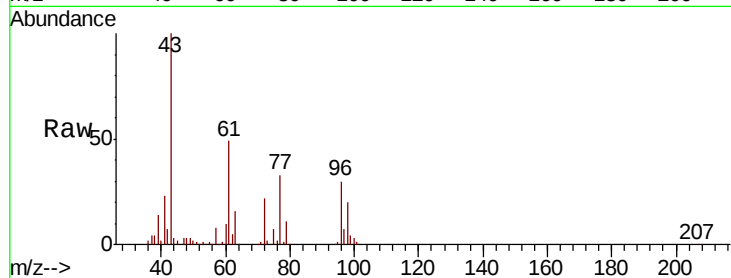




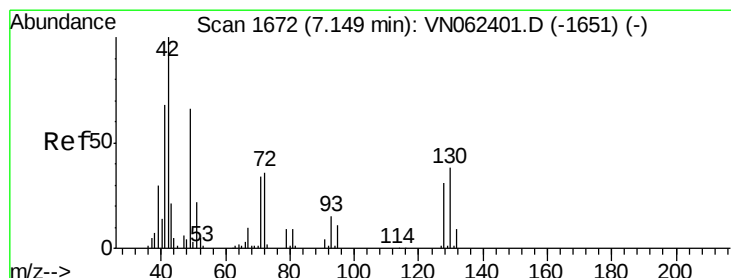
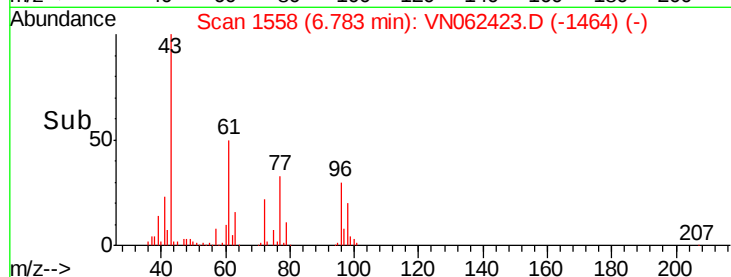
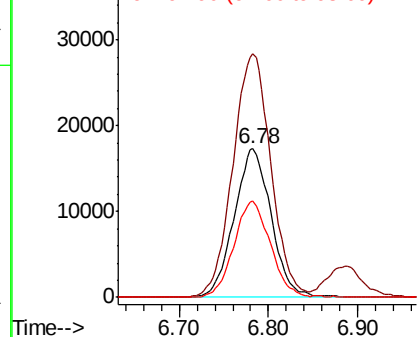
#27
 cis-1,2-Dichloroethene
 Concen: 20.396 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS02

Tot Ion: 96 Resp: 49867
 Ion Ratio Lower Upper
 96 100
 61 168.2 0.0 343.4
 98 63.3 0.0 128.4

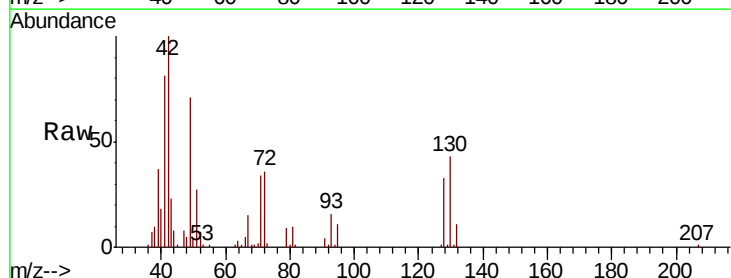


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

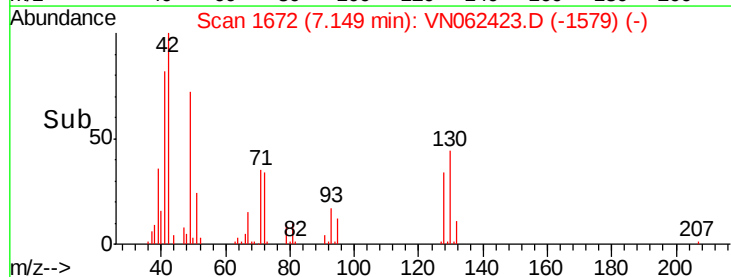
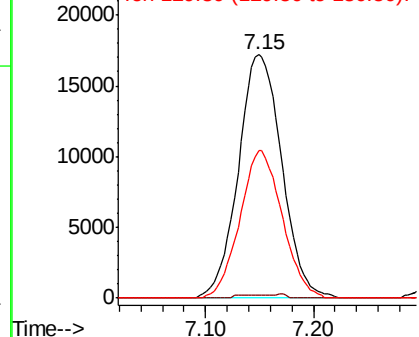


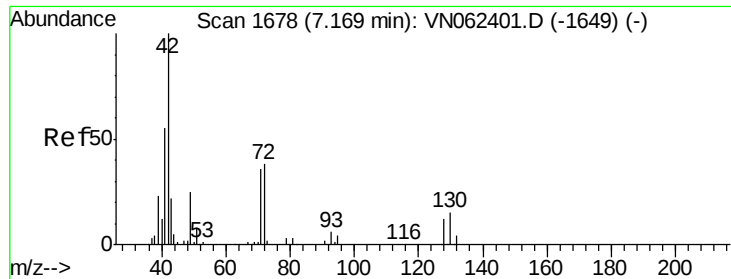
#28
 Bromochloromethane
 Concen: 18.963 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion: 49 Resp: 48199
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 2.8
 130 58.9 46.5 69.7



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

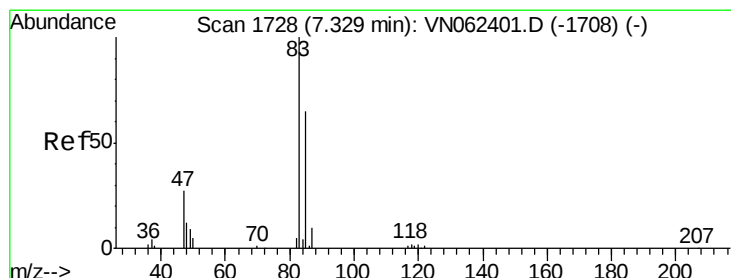
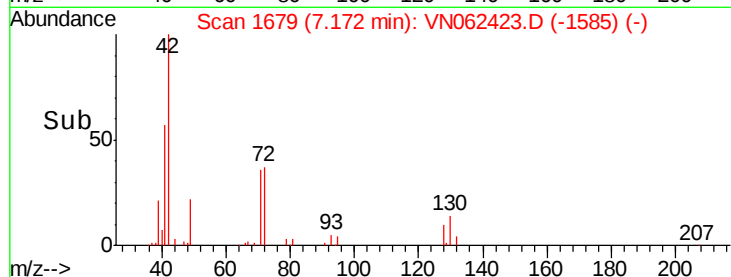
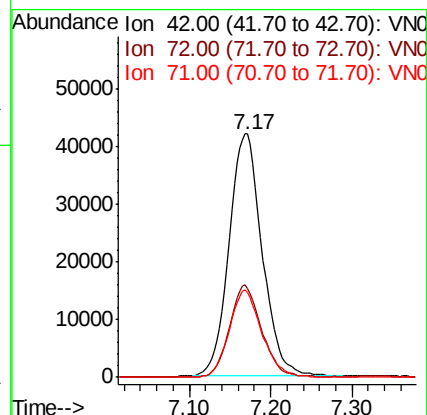
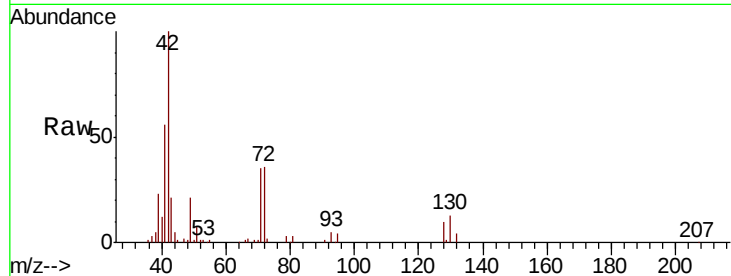




#29
Tetrahydrofuran
Concen: 97.311 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

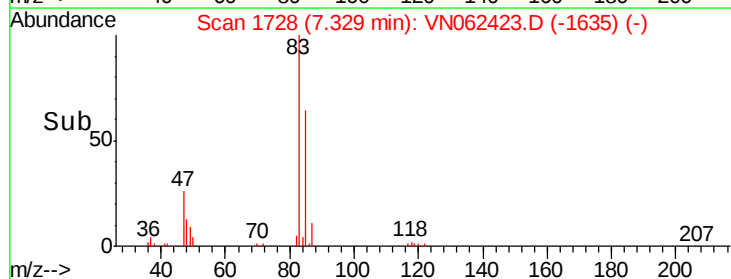
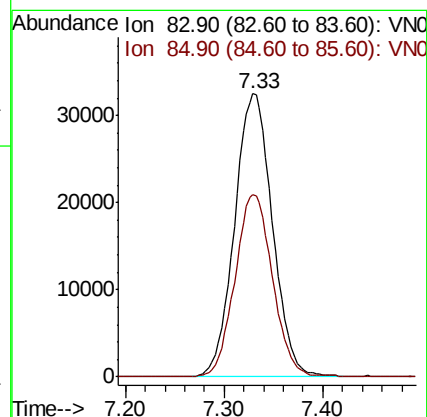
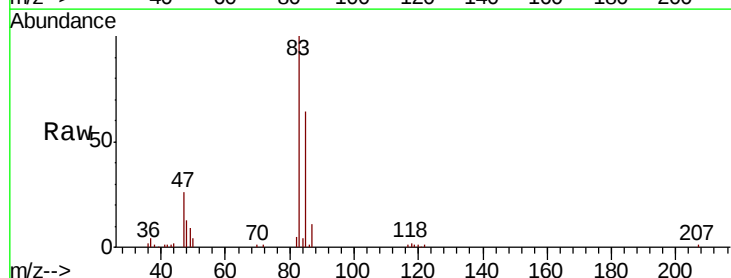
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS02

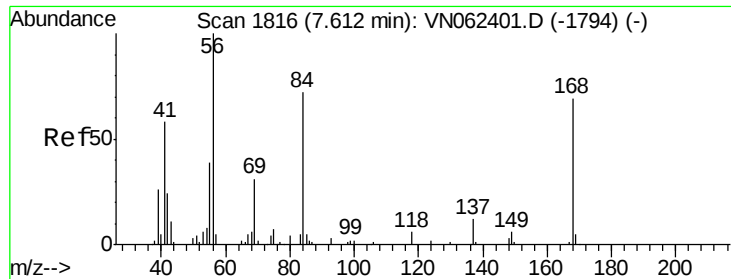
Tot Ion: 42 Resp: 118611
Ion Ratio Lower Upper
42 100
72 37.3 29.1 43.7
71 35.7 28.1 42.1



#30
Chloroform
Concen: 20.499 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 83 Resp: 86590
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6





#31

Cyclohexane

Concen: 19.693 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS02

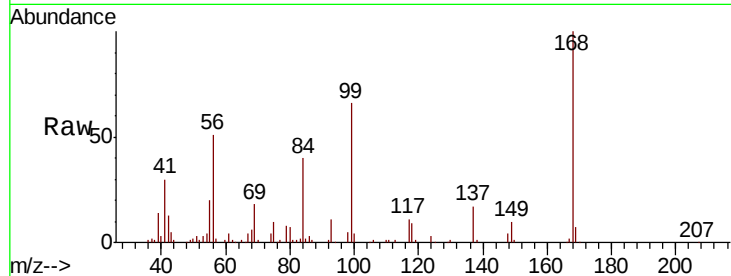
Tot Ion: 56 Resp: 87340

Ion Ratio Lower Upper

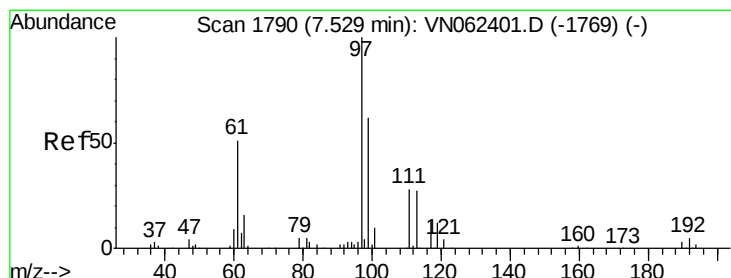
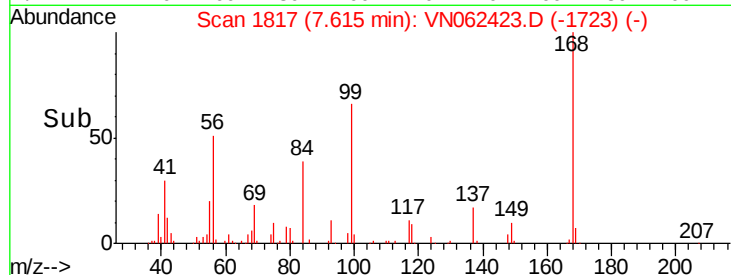
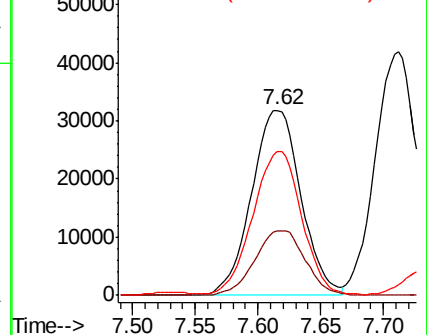
56 100

69 35.1 24.5 36.7

84 76.8 57.4 86.2



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: 20.081 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

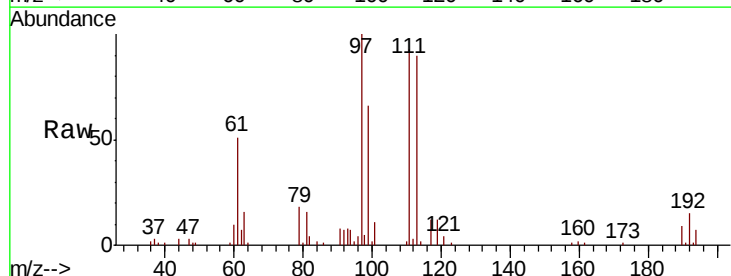
Tgt Ion: 97 Resp: 70558

Ion Ratio Lower Upper

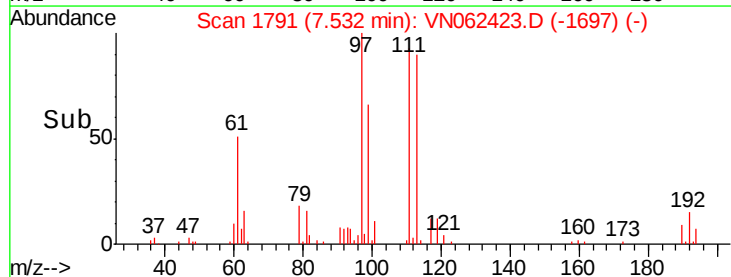
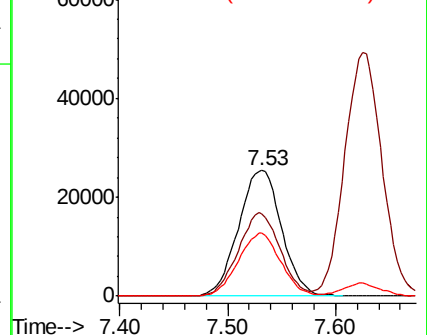
97 100

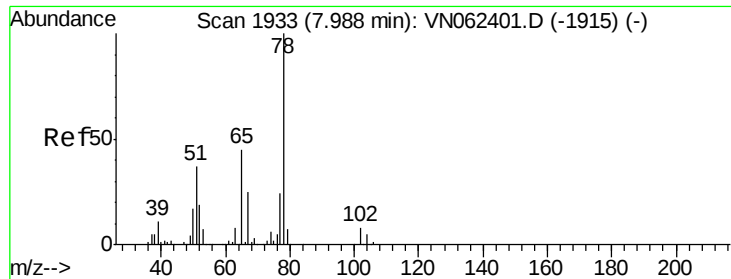
99 64.5 50.4 75.6

61 49.2 39.9 59.9



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

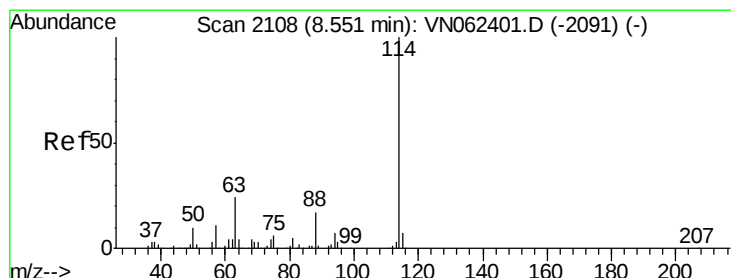
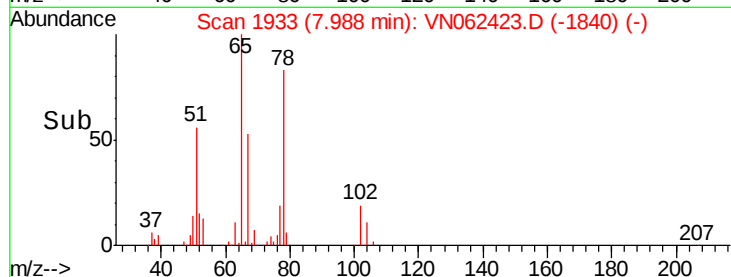
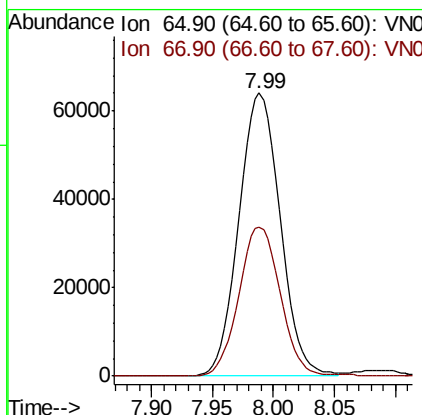
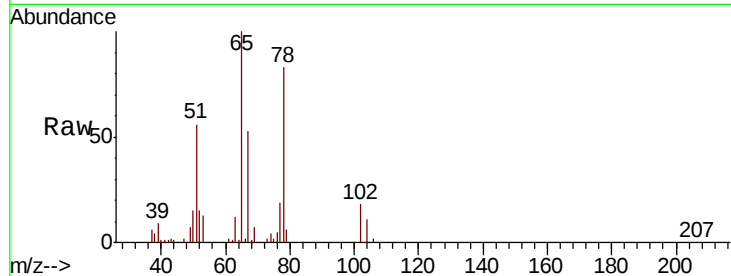




#33
 1,2-Dichloroethane-d4
 Concen: 51.476 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

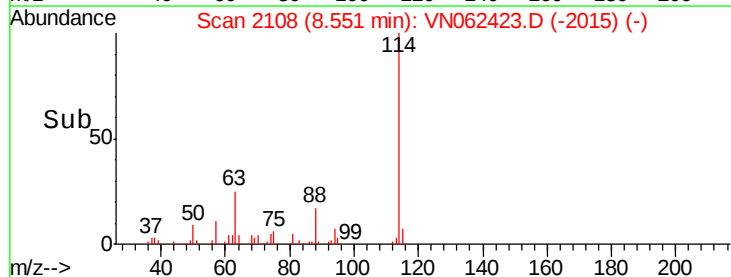
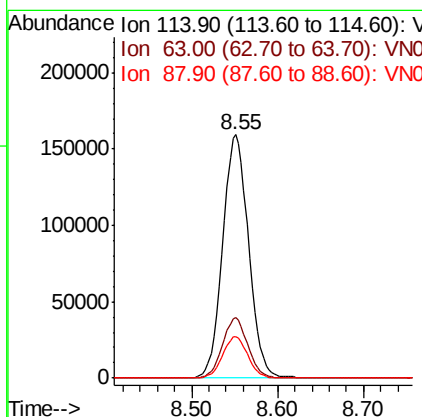
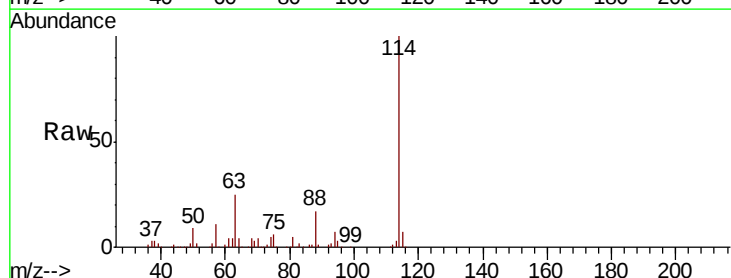
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS02

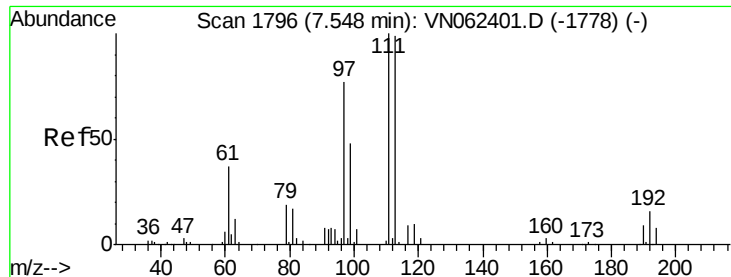
Tot Ion: 65 Resp: 150305
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion: 114 Resp: 333482
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.4
 88 17.1 0.0 33.8

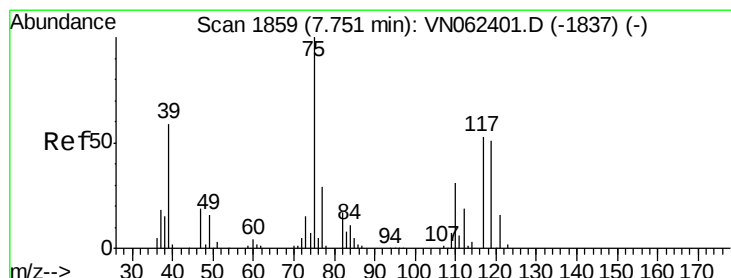
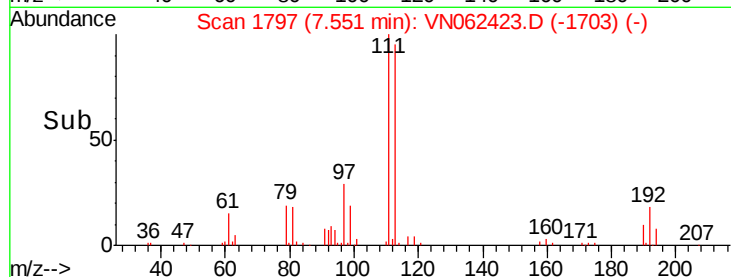
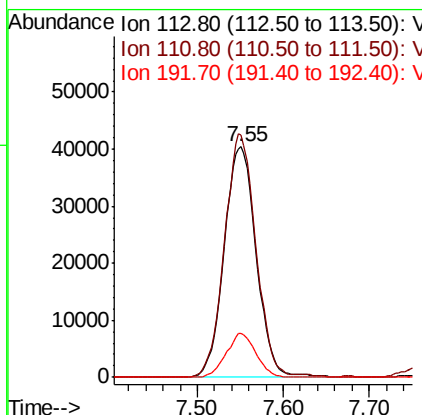
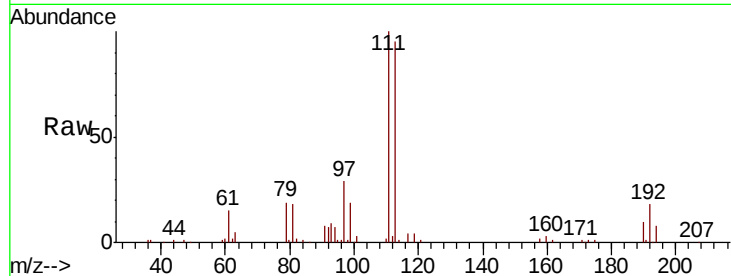




#35
 Dibromofluoromethane
 Concen: 50.777 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

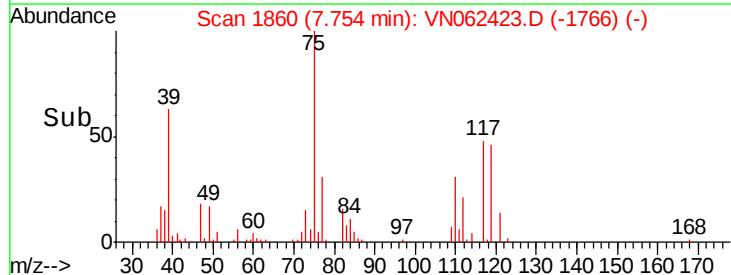
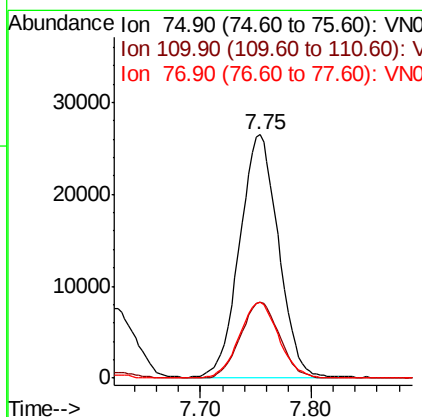
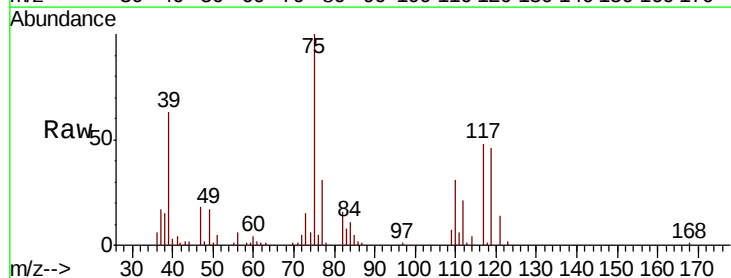
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS02

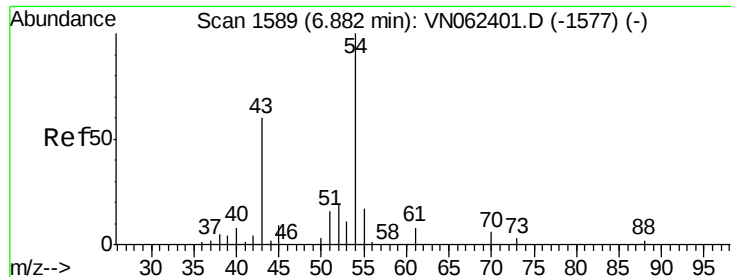
Tot Ion:113 Resp: 104670
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.1 124.7
 192 17.7 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 19.293 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion: 75 Resp: 64819
 Ion Ratio Lower Upper
 75 100
 110 31.1 15.4 46.2
 77 31.5 24.1 36.1

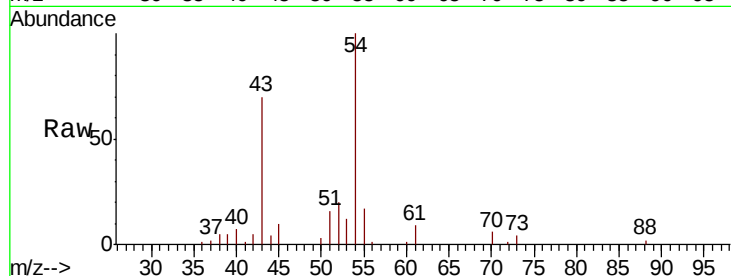




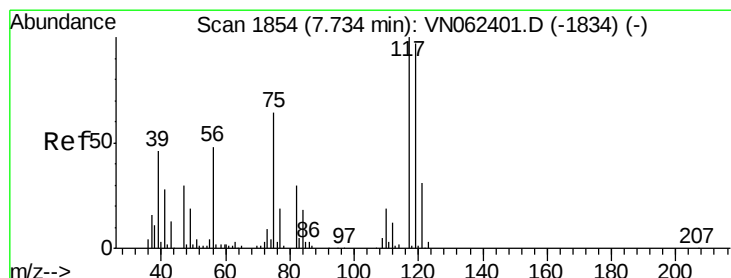
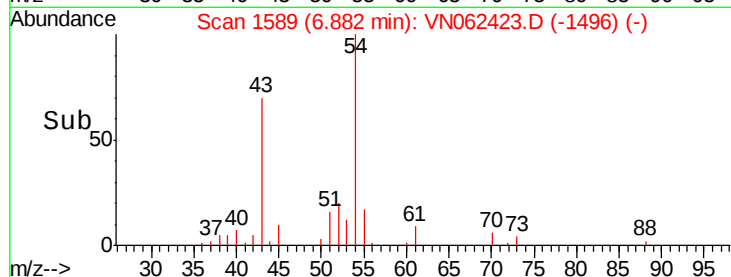
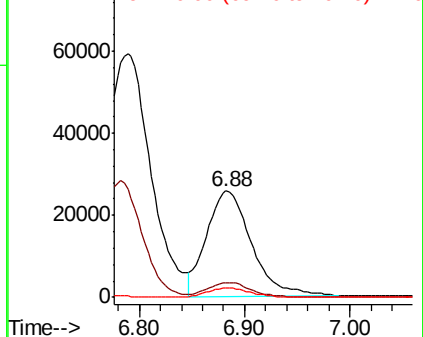
#37
Ethyl Acetate
Concen: 19.368 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

Tot Ion: 43 Resp: 76091
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 8.4 7.2 10.8

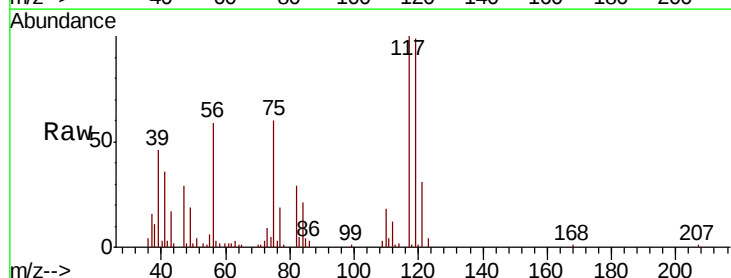


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

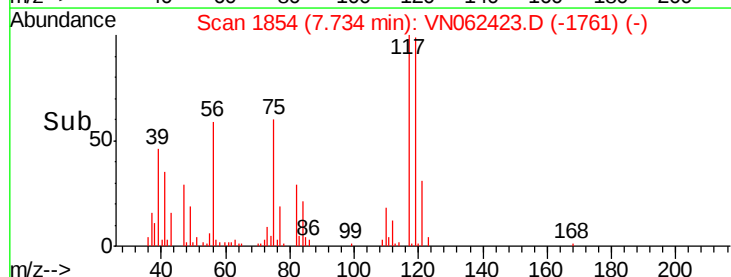
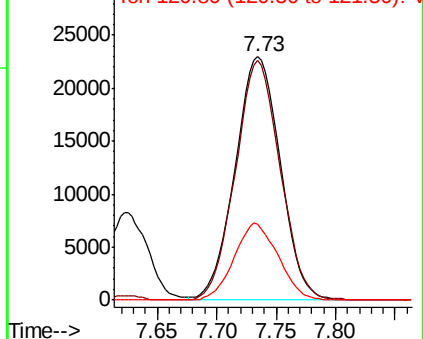


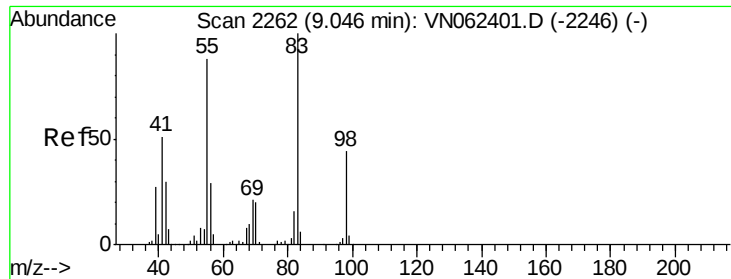
#38
Carbon Tetrachloride
Concen: 20.034 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 117 Resp: 60513
Ion Ratio Lower Upper
117 100
119 98.7 77.2 115.8
121 31.1 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

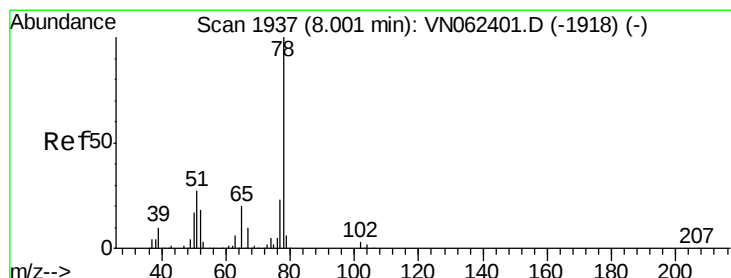
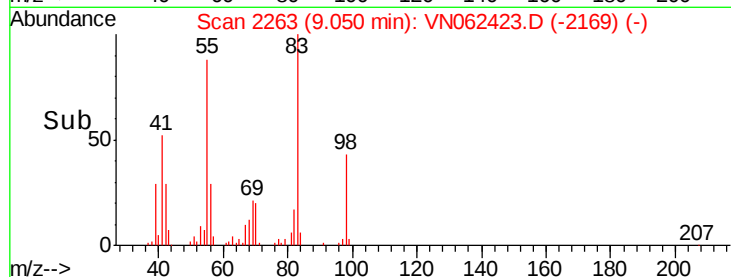
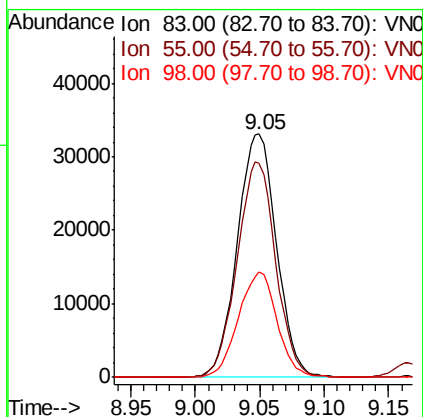
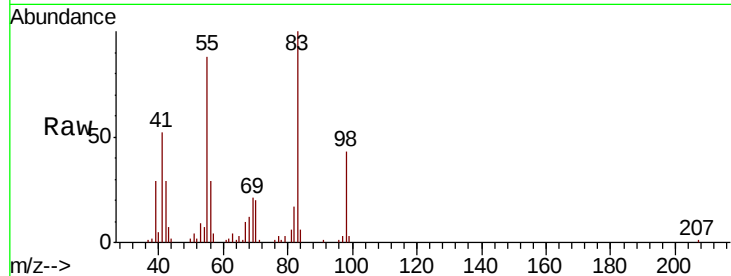




#39
Methvlcvclohexane
Concen: 19.557 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

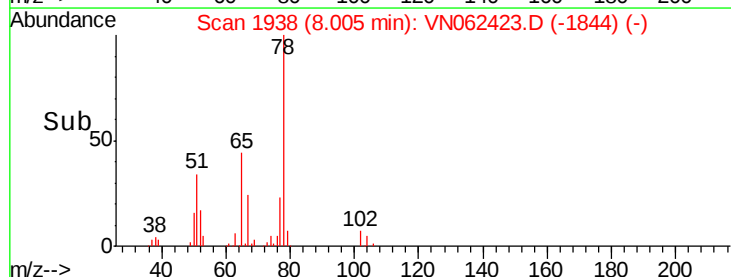
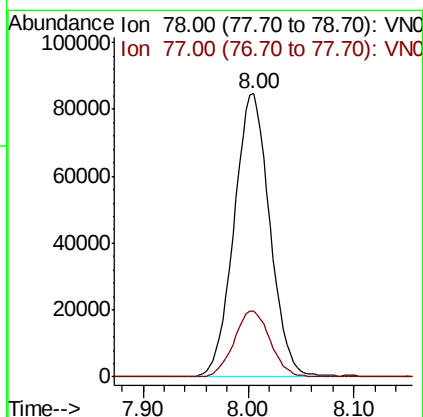
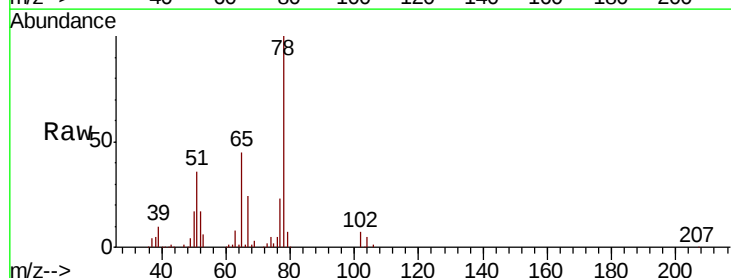
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

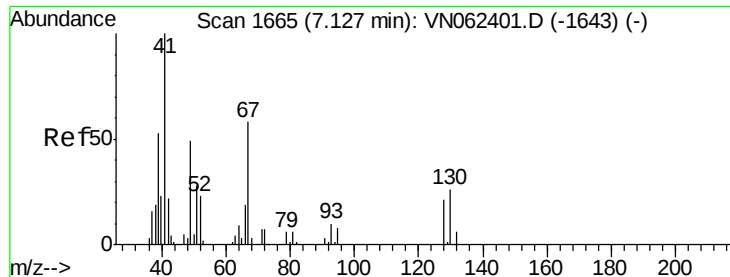
Tot Ion: 83 Resp: 70148
Ion Ratio Lower Upper
83 100
55 88.2 70.5 105.7
98 43.2 35.5 53.3



#40
Benzene
Concen: 20.117 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 78 Resp: 199203
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

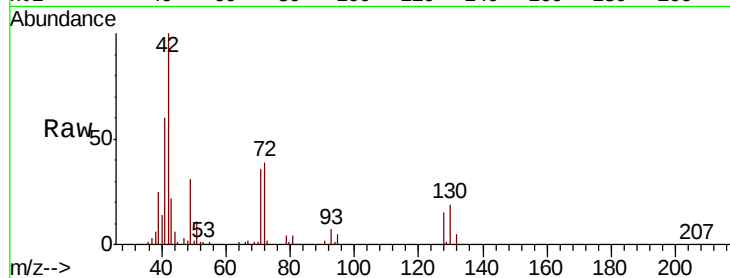




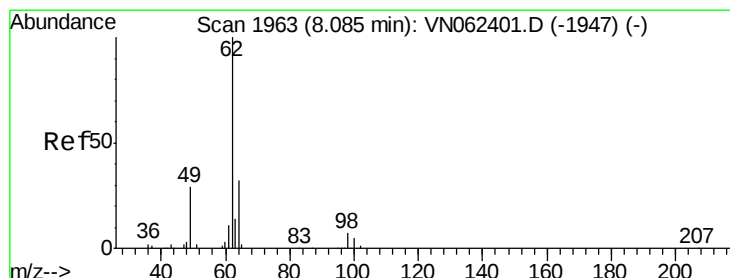
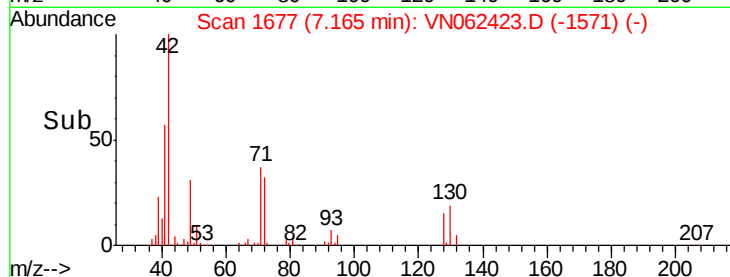
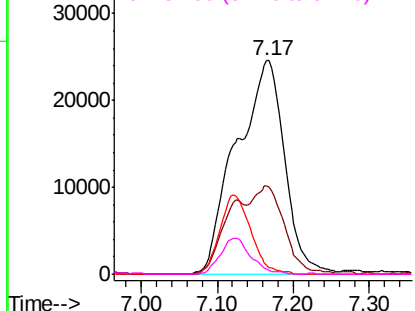
#41
Methacrylonitrile
Concen: 65.918 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

Tot Ion: 41 Resp: 108198
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
67 0.0 64.2 96.2#
52 0.0 28.0 42.0#

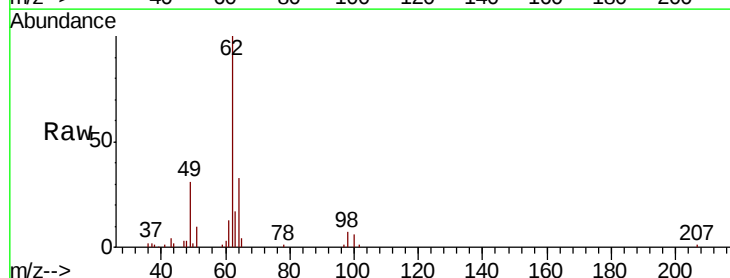


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

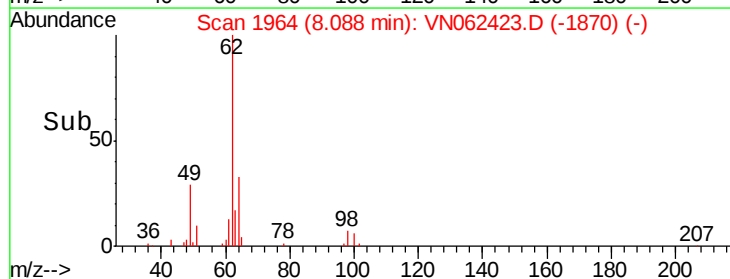
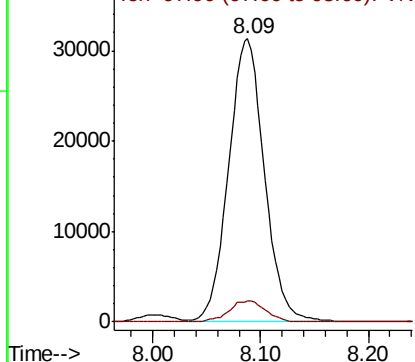


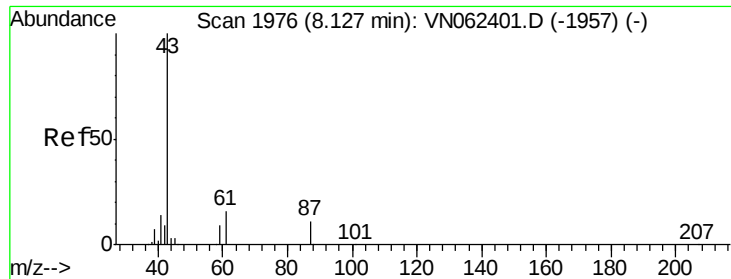
#42
1,2-Dichloroethane
Concen: 19.979 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 62 Resp: 72440
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 19.343 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS02

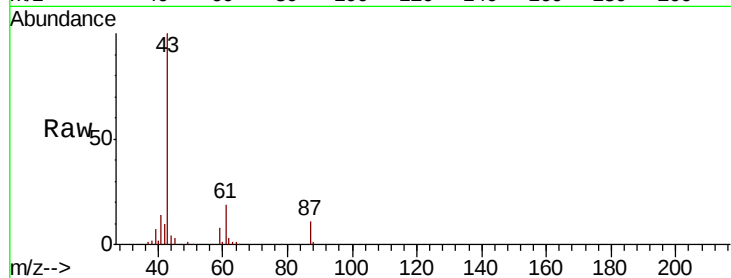
Tot Ion: 43 Resp: 120047

Ion Ratio Lower Upper

43 100

61 19.2 19.3 28.9#

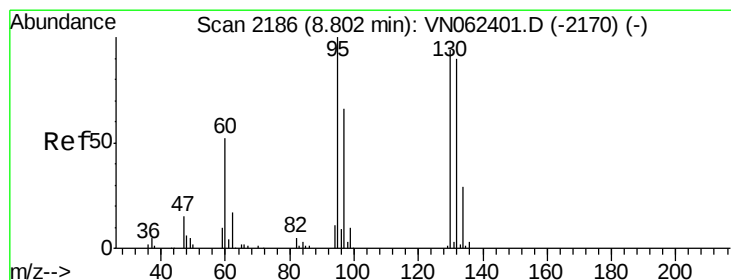
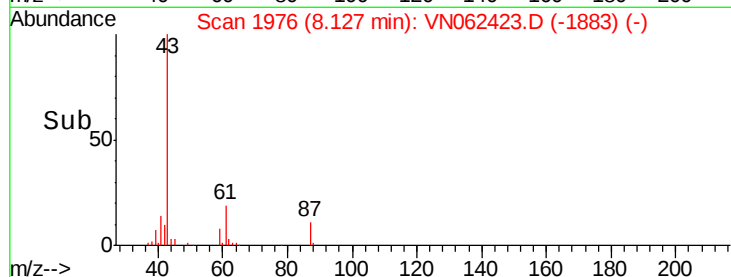
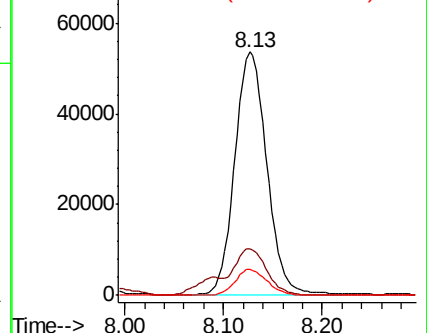
87 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 20.405 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062423.D

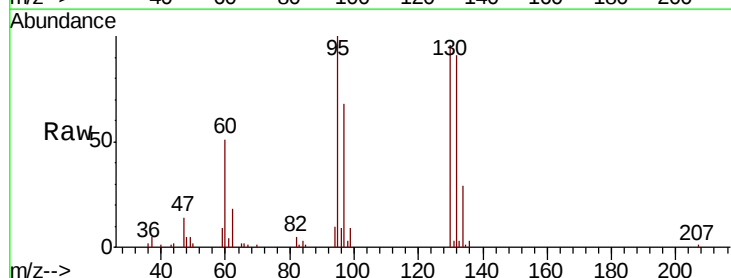
Acq: 8 Jul 2020 22:46

Tgt Ion:130 Resp: 44830

Ion Ratio Lower Upper

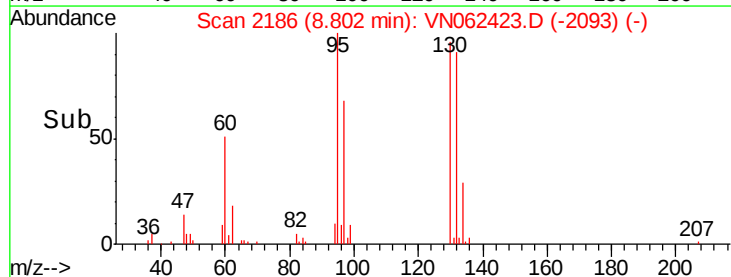
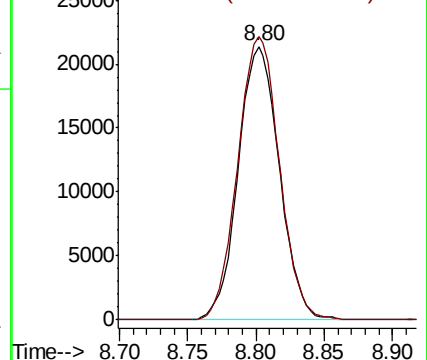
130 100

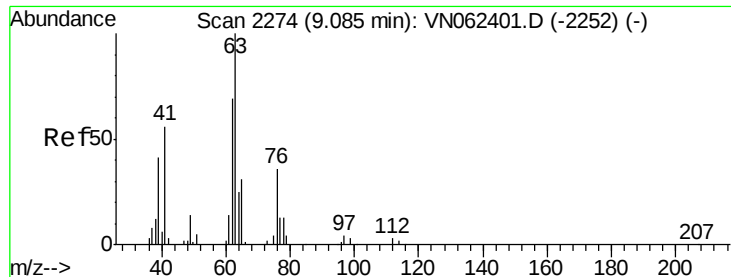
95 103.6 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 19.945 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

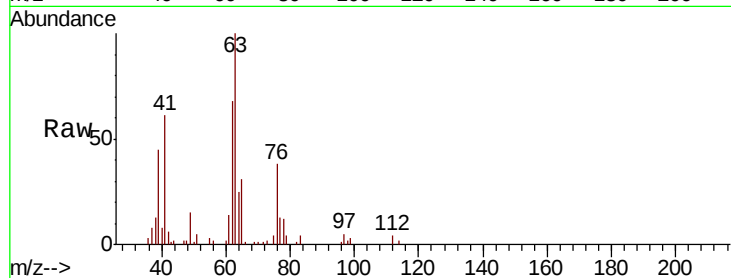
VN0708WBS02

Tot Ion: 63 Resp: 57332

Ion Ratio Lower Upper

63 100

65 30.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

25000

20000

15000

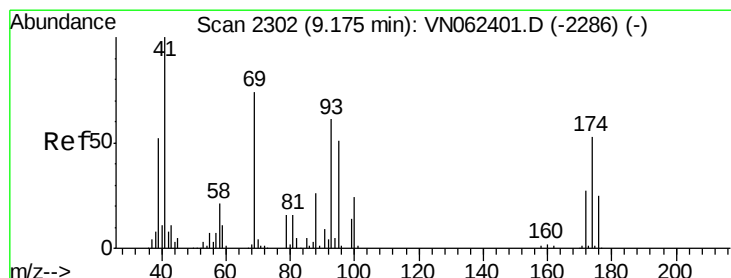
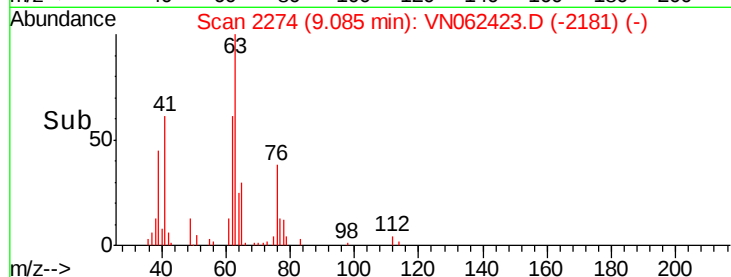
10000

5000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 19.856 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

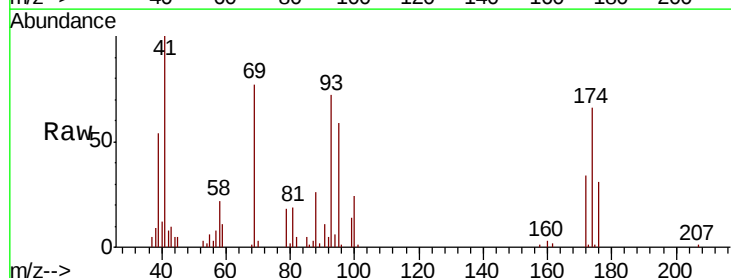
Tgt Ion: 93 Resp: 32209

Ion Ratio Lower Upper

93 100

95 83.5 67.1 100.7

174 90.1 70.4 105.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

20000

15000

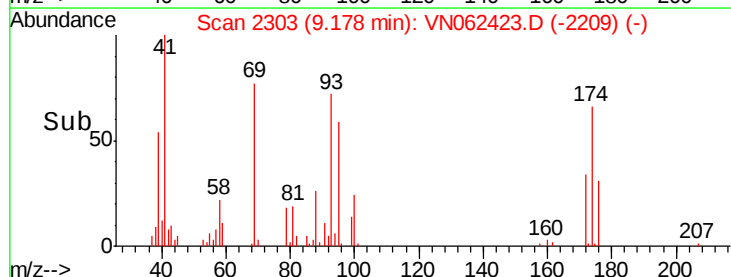
10000

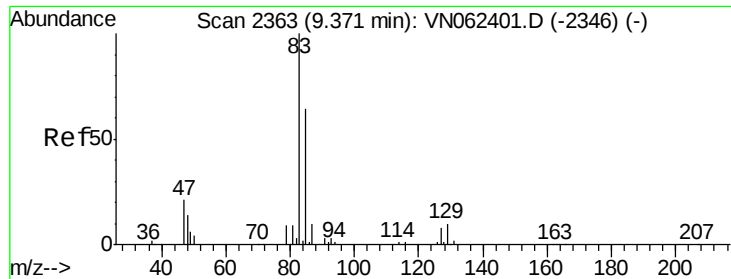
5000

0

Time-->

9.10 9.15 9.20 9.25

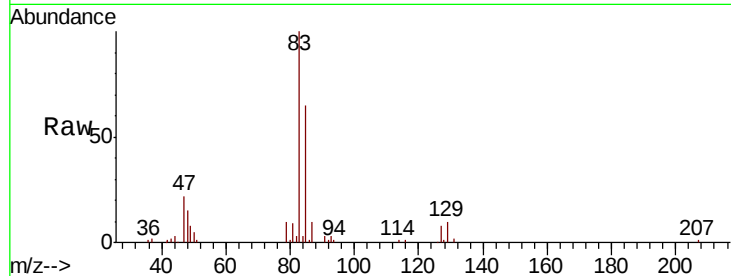




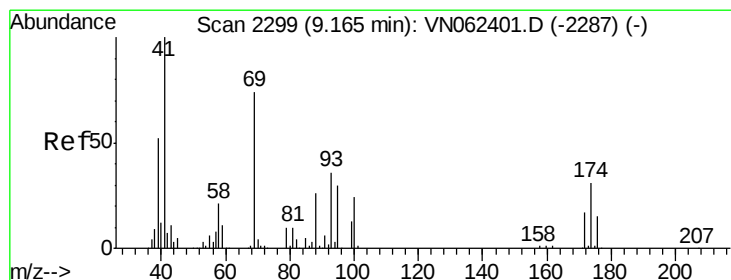
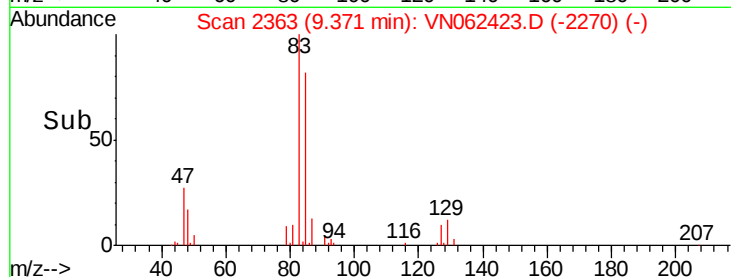
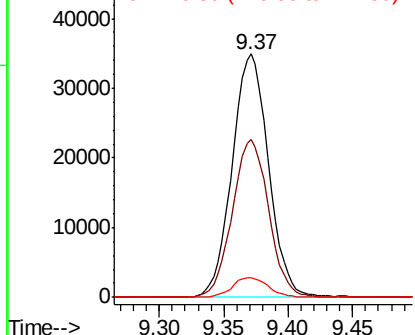
#47
 Bromodichloromethane
 Concen: 19.774 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS02

Tot Ion: 83 Resp: 68580
 Ion Ratio Lower Upper
 83 100
 85 64.6 51.2 76.8
 127 8.1 6.2 9.2

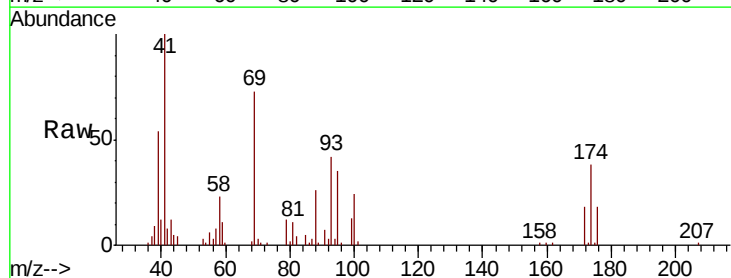


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

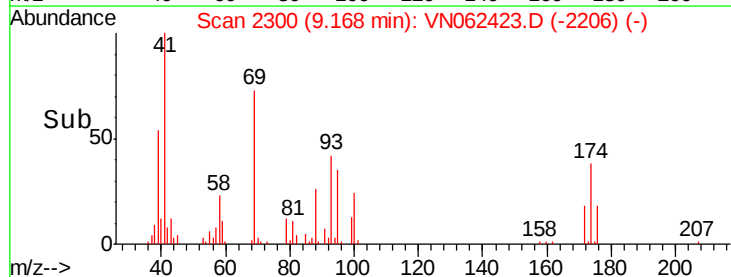
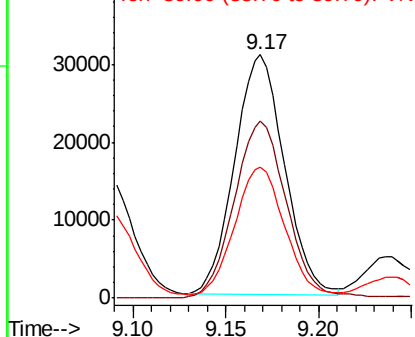


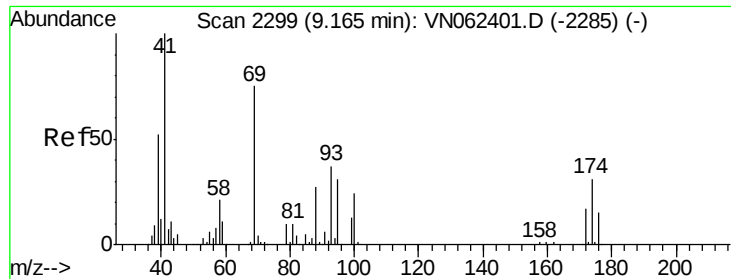
#48
 Methyl methacrylate
 Concen: 18.824 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion: 41 Resp: 57305
 Ion Ratio Lower Upper
 41 100
 69 77.9 60.8 91.2
 39 55.4 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

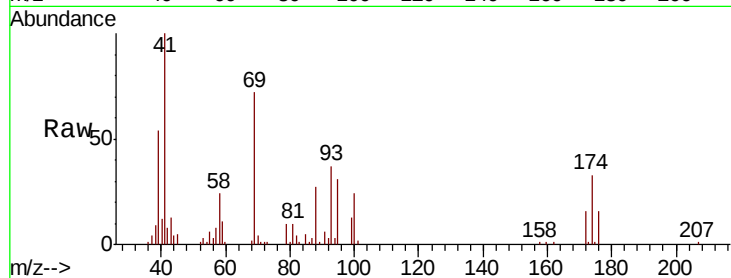




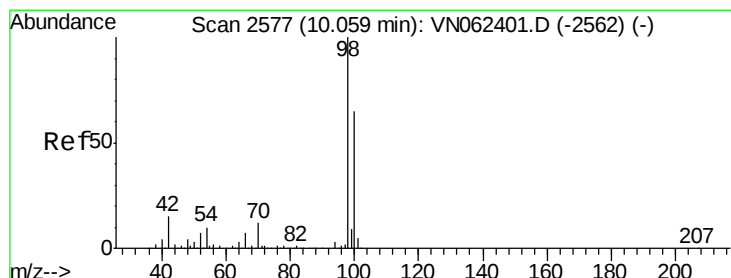
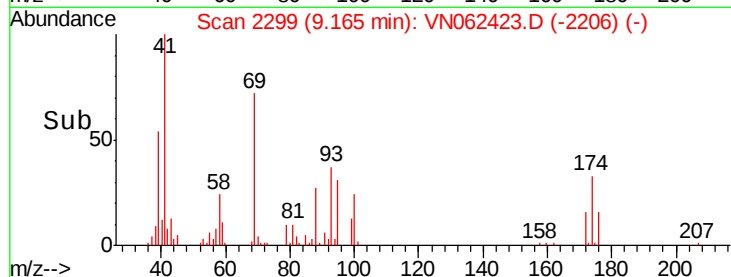
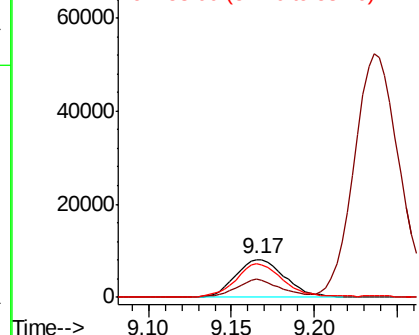
#49
1,4-Dioxane
Concen: 382.574 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

Tot Ion: 88 Resp: 16952
Ion Ratio Lower Upper
88 100
43 42.8 31.0 46.4
58 85.5 63.3 94.9

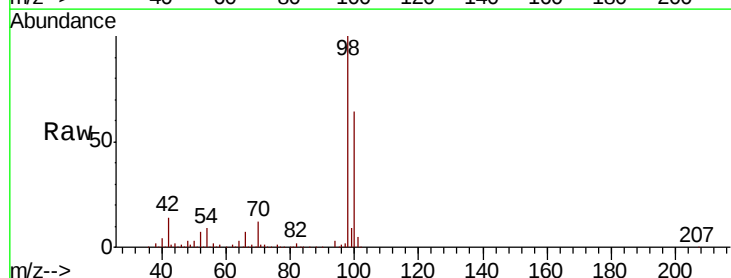


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

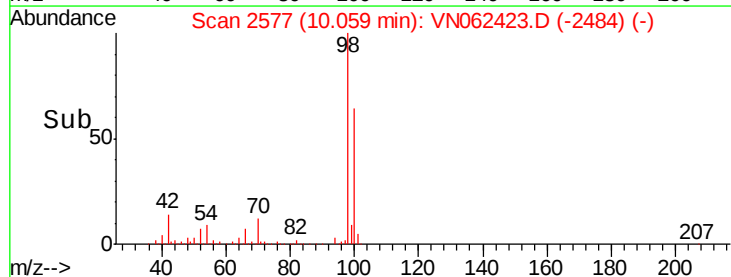
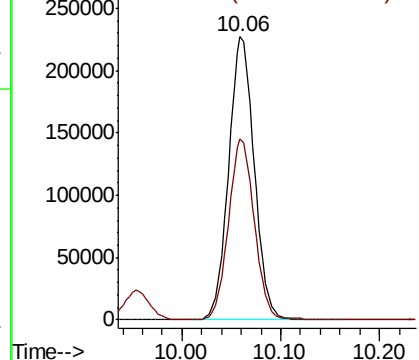


#50
Toluene-d8
Concen: 50.840 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 98 Resp: 413721
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



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

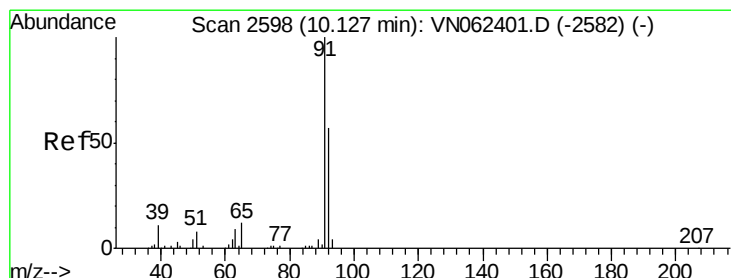
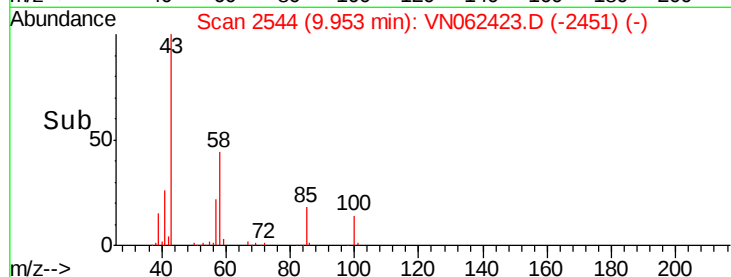
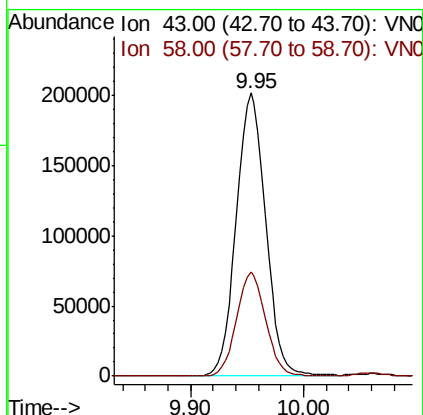
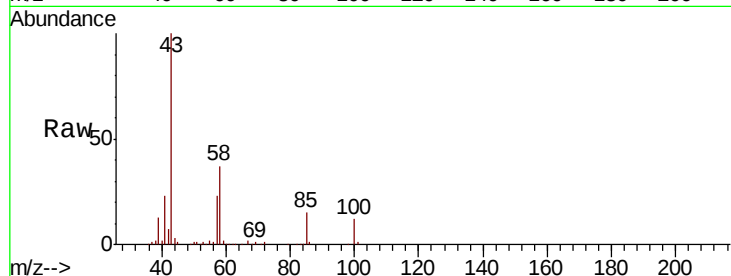




#51
4-Methyl-2-Pentanone
Concen: 98.991 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

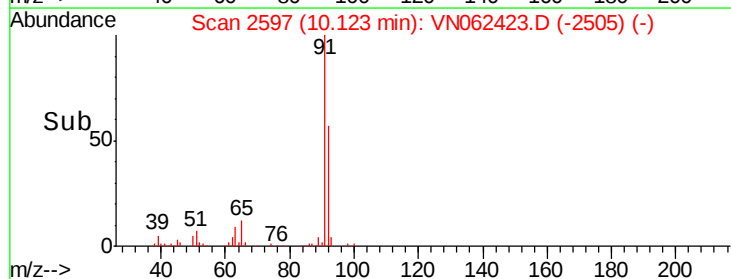
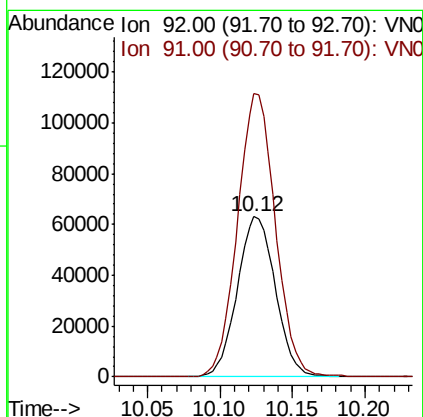
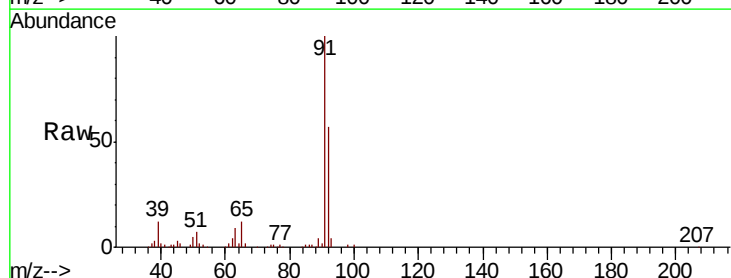
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

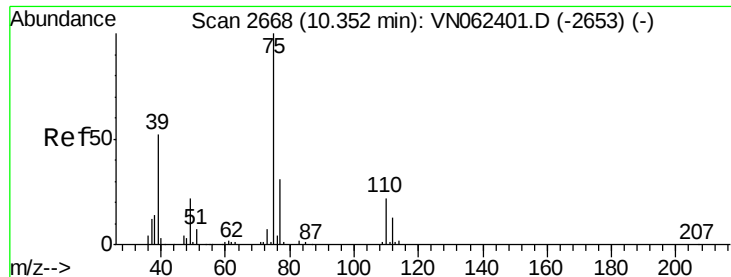
Tot Ion: 43 Resp: 366940
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



#52
Toluene
Concen: 20.203 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 92 Resp: 115554
Ion Ratio Lower Upper
92 100
91 175.6 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 19.393 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

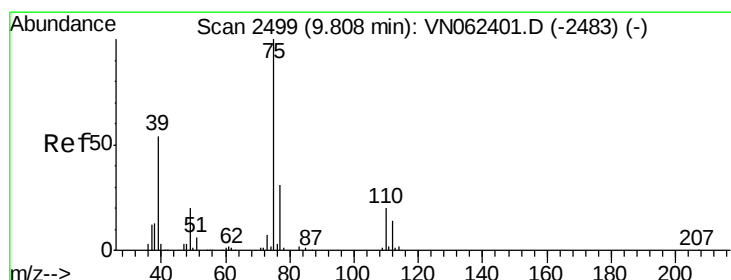
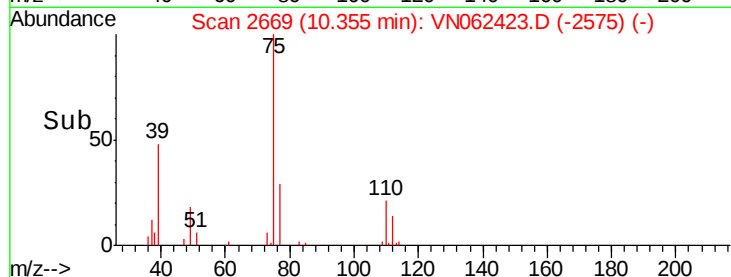
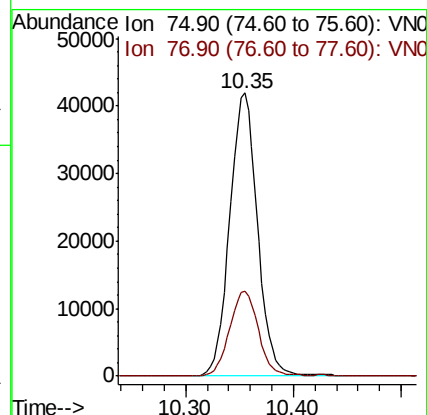
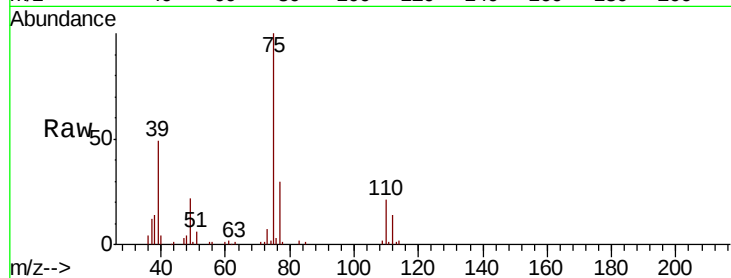
VN0708WBS02

Tot Ion: 75 Resp: 75352

Ion Ratio Lower Upper

75 100

77 29.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.312 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

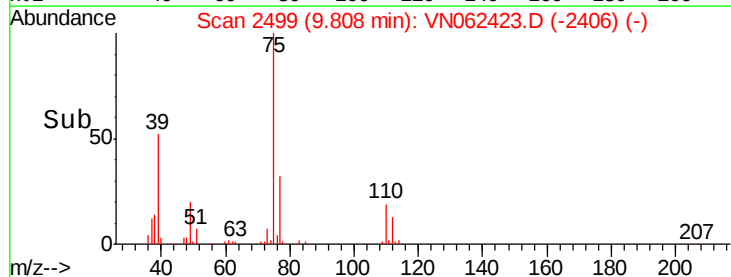
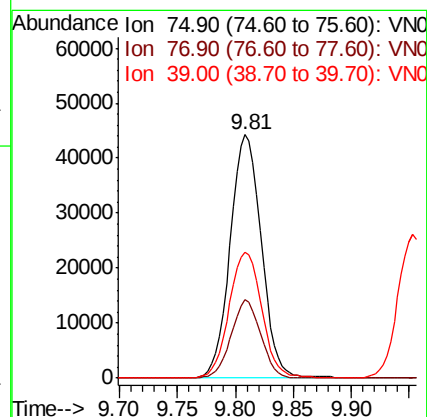
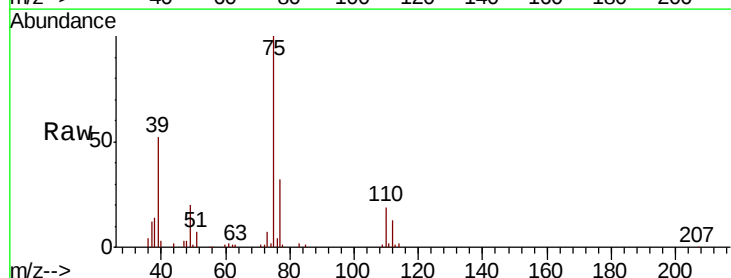
Tgt Ion: 75 Resp: 82793

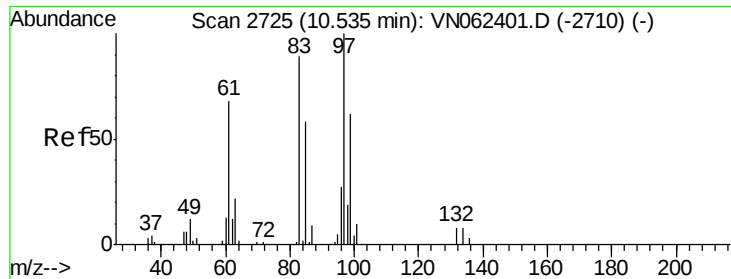
Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7

39 51.6 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 20.132 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS02

Tot Ion: 97 Resp: 45287

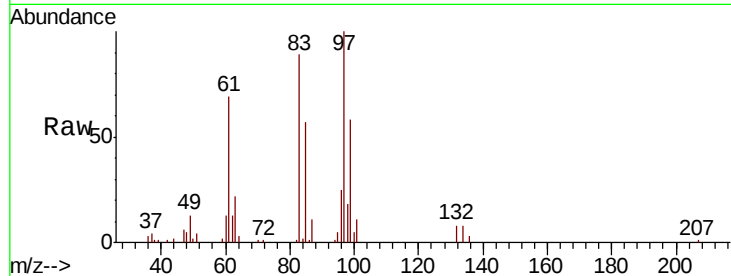
Ion Ratio Lower Upper

97 100

83 89.2 71.0 106.4

85 56.8 46.2 69.4

99 58.5 49.7 74.5

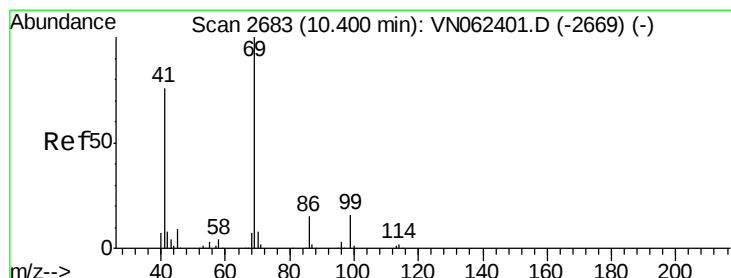
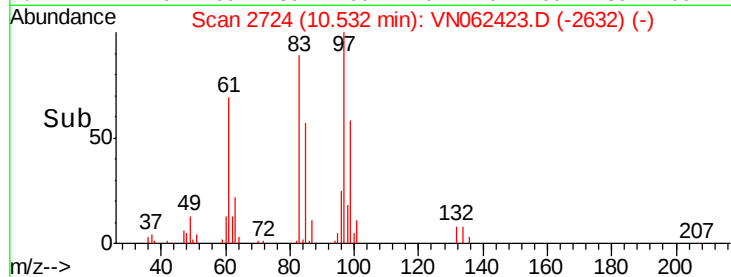
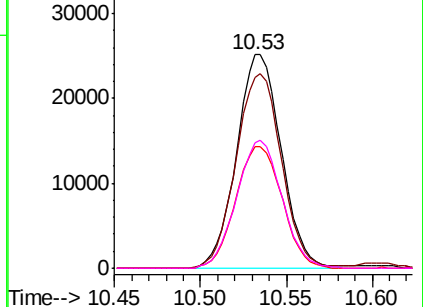


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 19.001 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

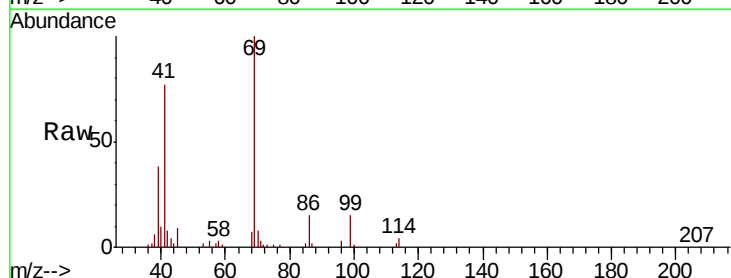
Tgt Ion: 69 Resp: 74111

Ion Ratio Lower Upper

69 100

41 76.4 59.7 89.5

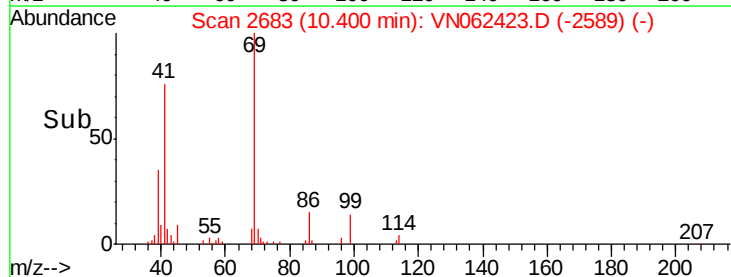
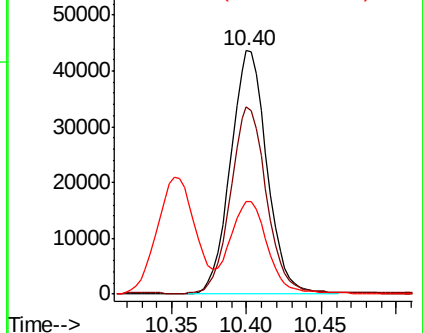
39 38.9 30.6 45.8

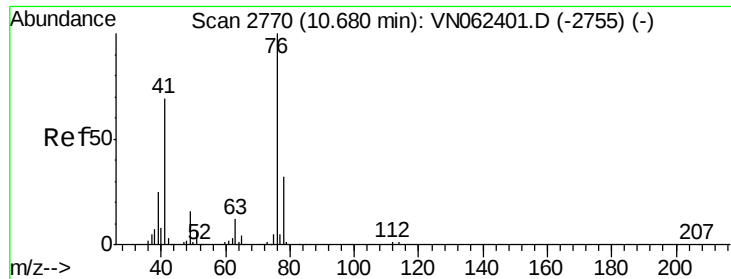


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 20.383 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampled :

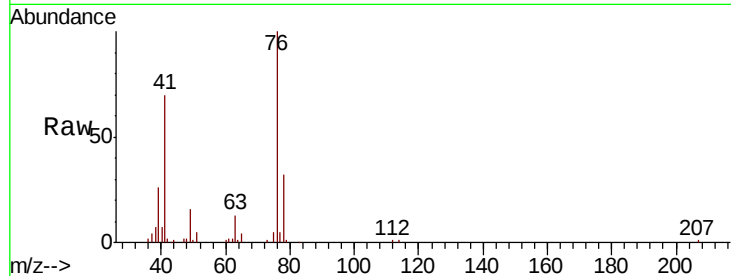
VN0708WBS02

Tot Ion: 76 Resp: 84711

Ion Ratio Lower Upper

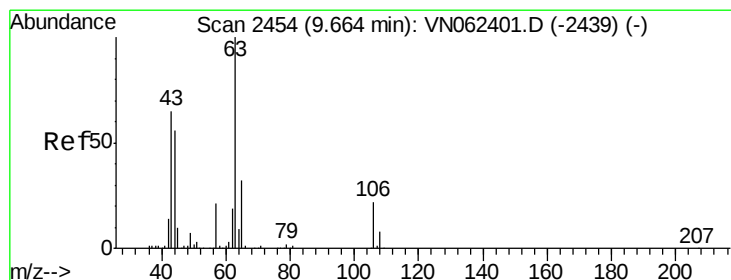
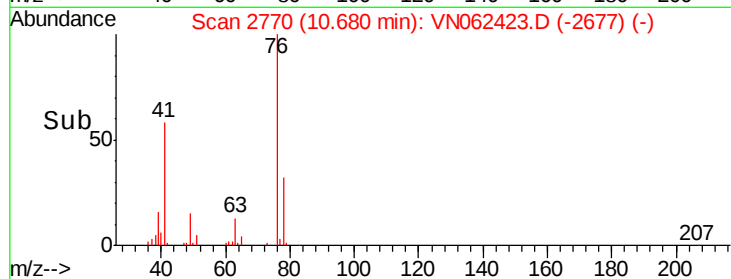
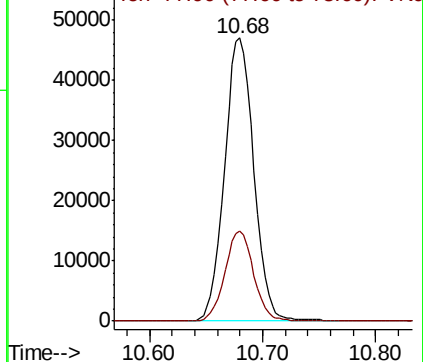
76 100

78 31.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 91.478 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062423.D

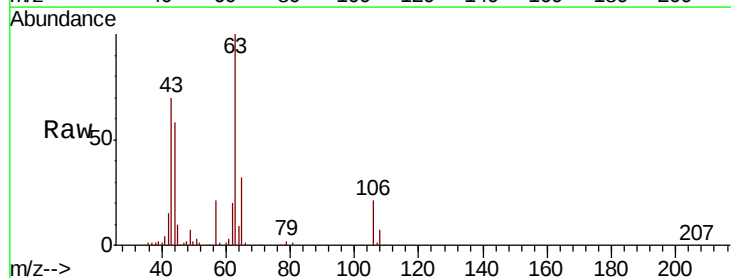
Acq: 8 Jul 2020 22:46

Tgt Ion: 63 Resp: 122082

Ion Ratio Lower Upper

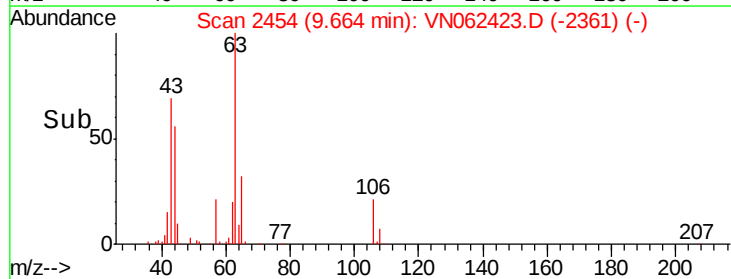
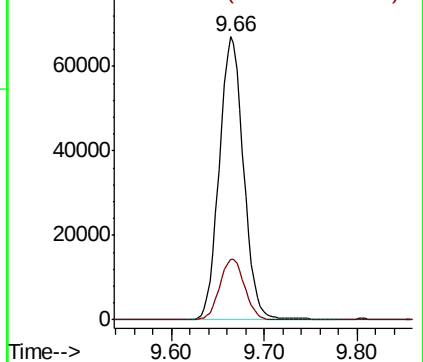
63 100

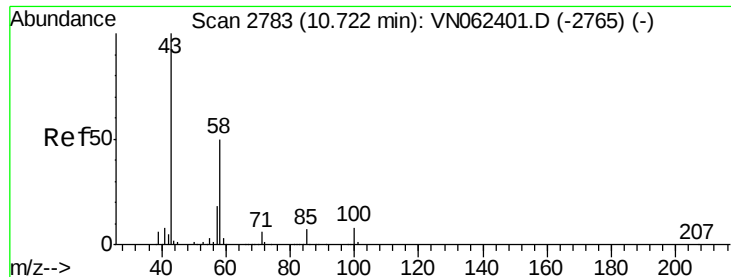
106 21.8 17.6 26.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

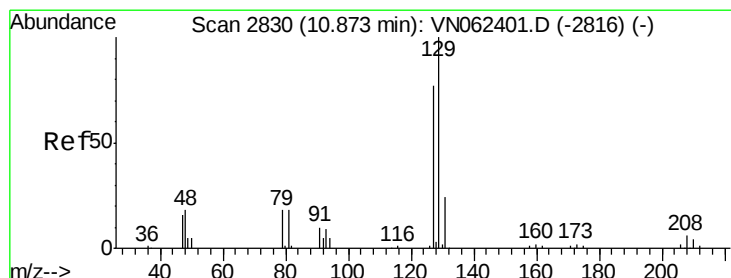
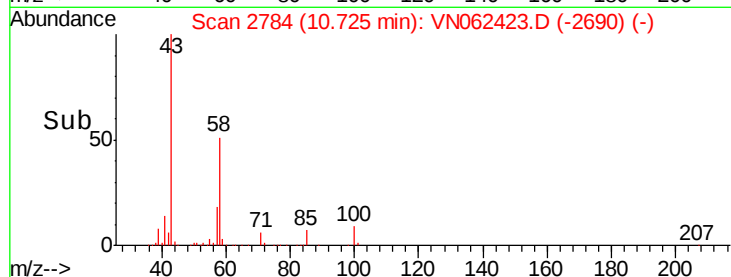
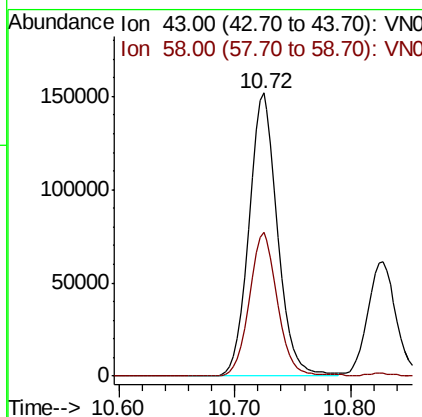
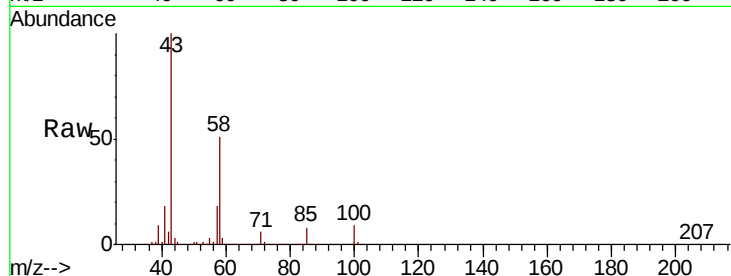




#59
2-Hexanone
Concen: 97.082 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

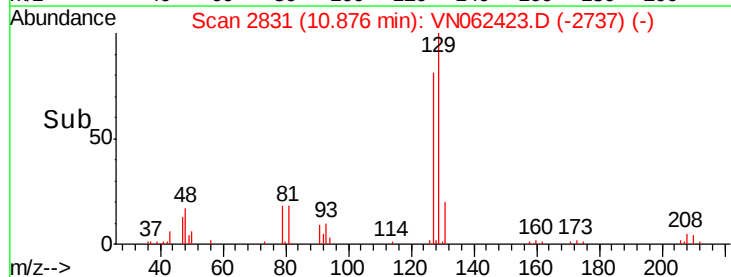
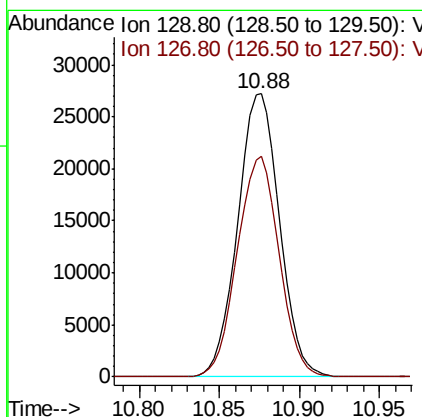
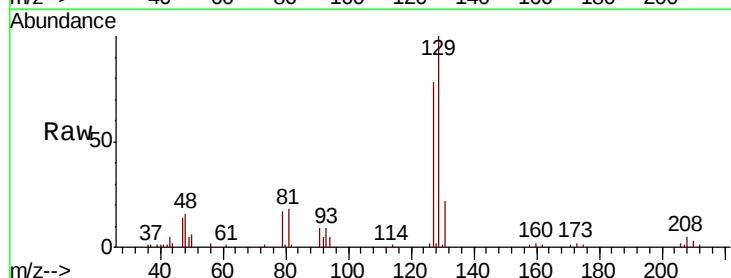
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

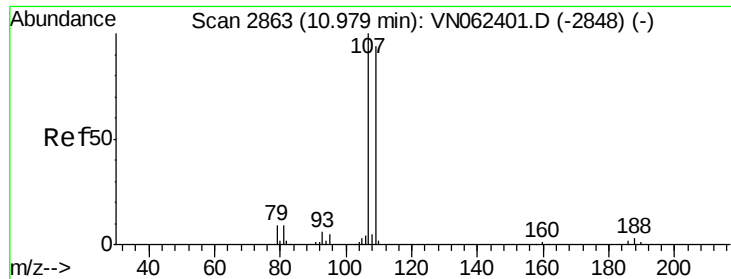
Tot Ion: 43 Resp: 261253
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.2



#60
Dibromochloromethane
Concen: 19.885 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion: 129 Resp: 48502
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

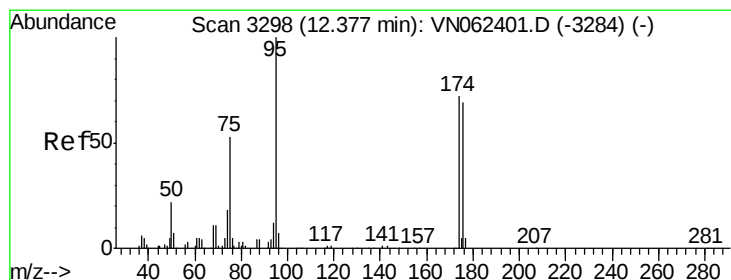
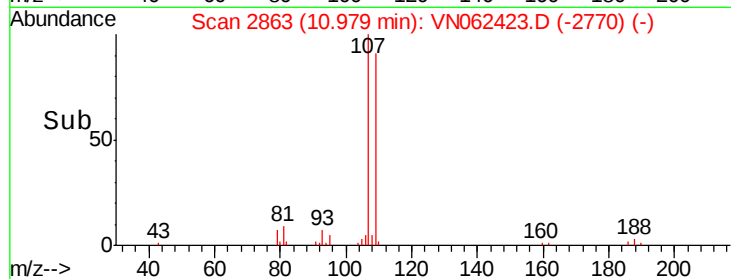
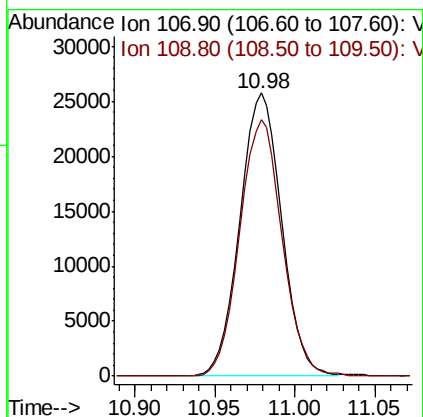
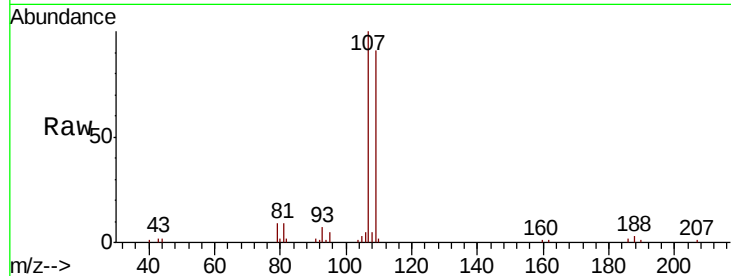




#61
 1,2-Dibromoethane
 Concen: 20.208 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

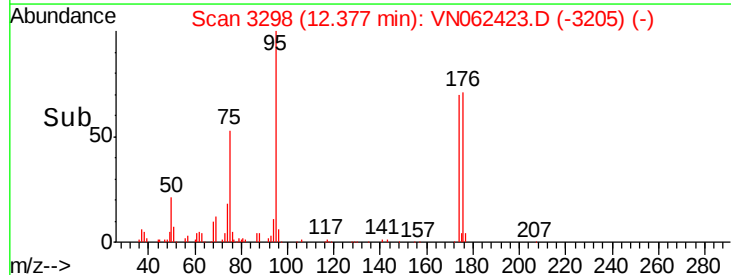
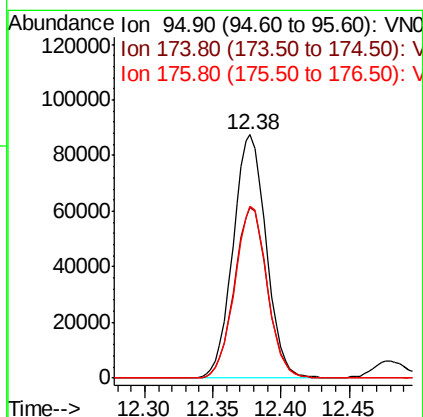
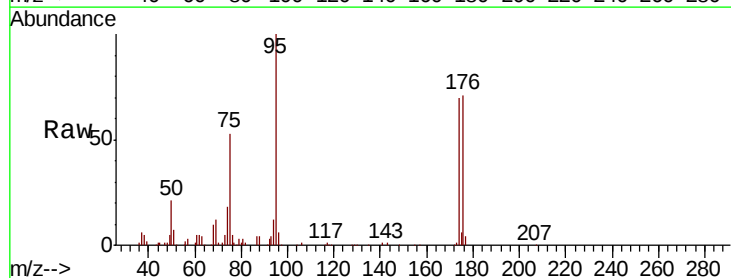
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS02

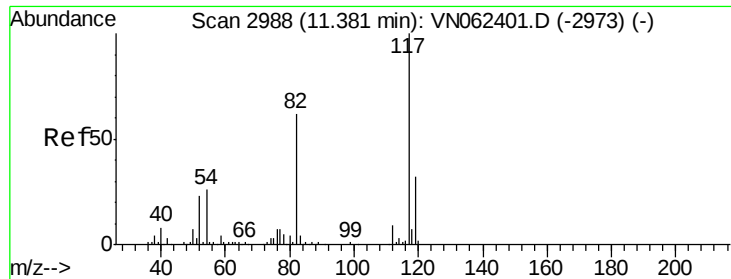
Tot Ion:107 Resp: 45888
 Ion Ratio Lower Upper
 107 100
 109 91.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.647 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion: 95 Resp: 147639
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 141.6
 176 69.3 0.0 137.2

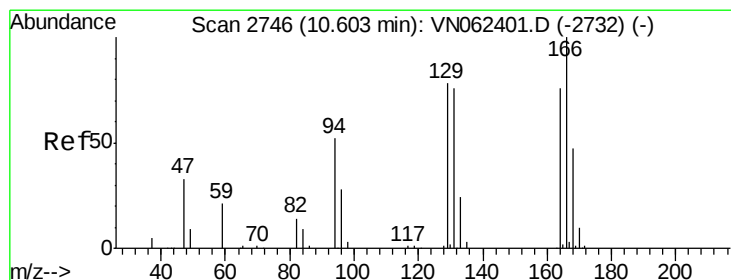
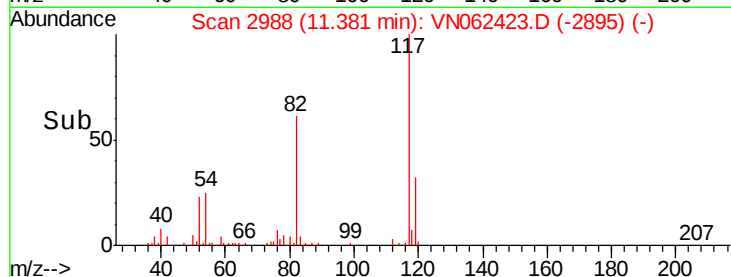
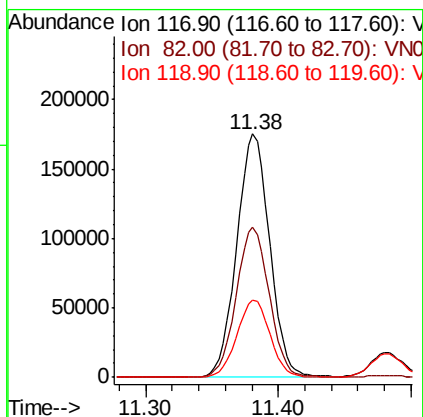
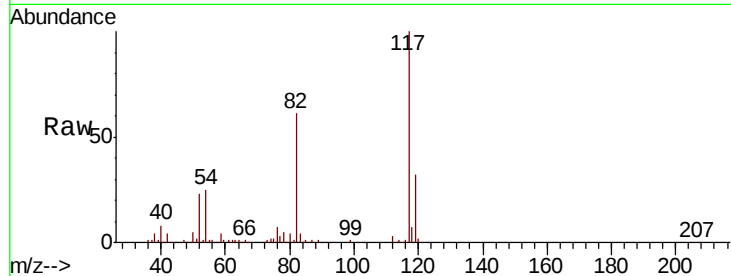




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

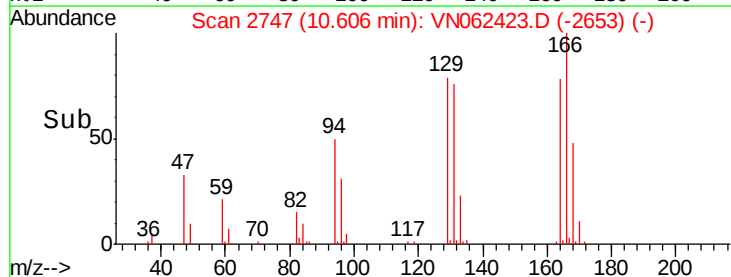
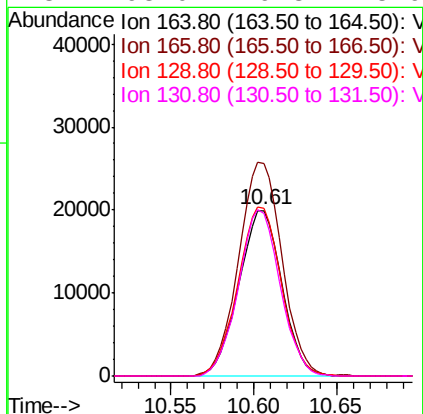
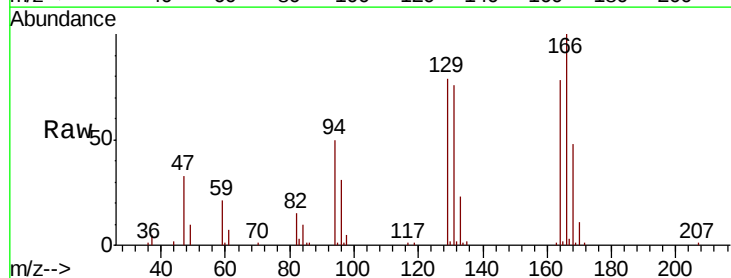
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

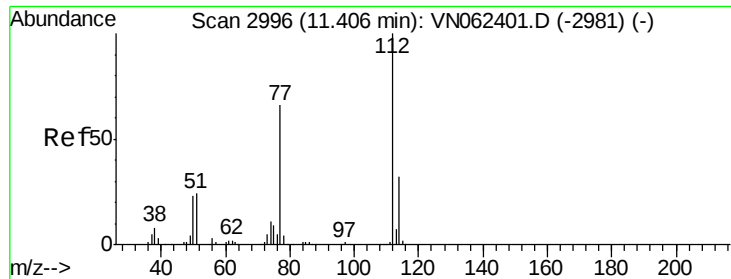
Tot Ion:117 Resp: 303011
Ion Ratio Lower Upper
117 100
82 61.4 49.6 74.4
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 20.026 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion:164 Resp: 36008
Ion Ratio Lower Upper
164 100
166 128.6 104.9 157.3
129 101.0 81.8 122.6
131 98.0 79.3 118.9

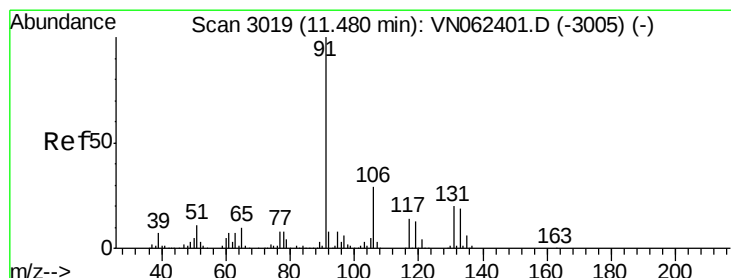
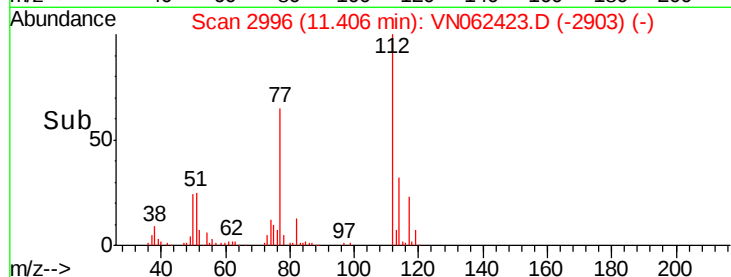
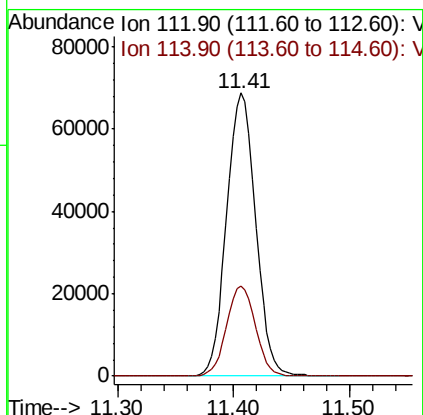
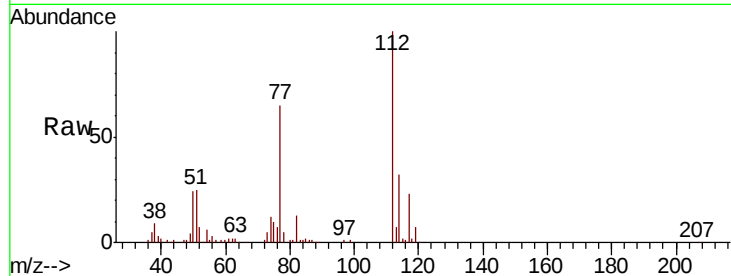




#65
Chlorobenzene
Concen: 20.237 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

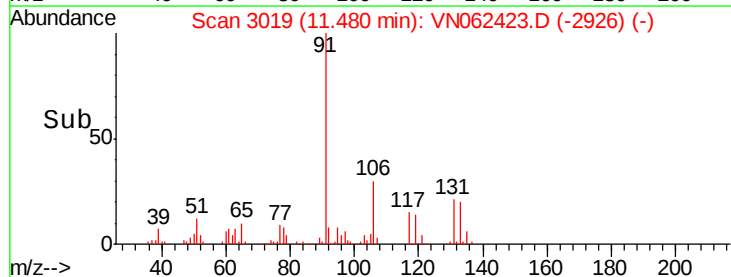
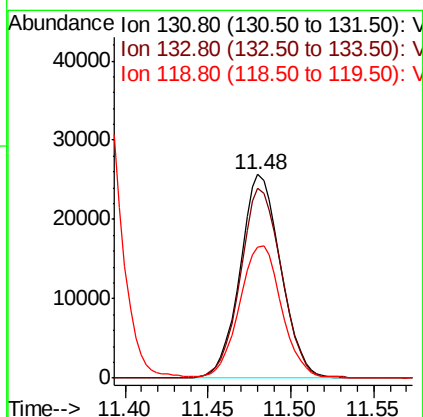
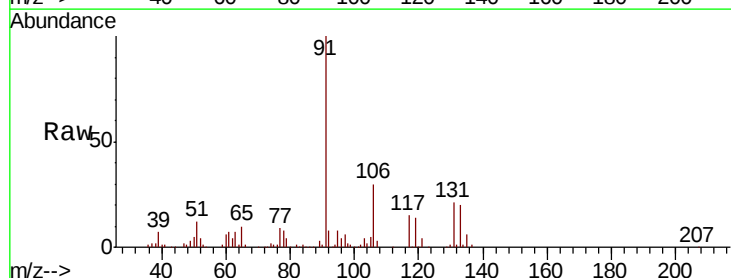
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

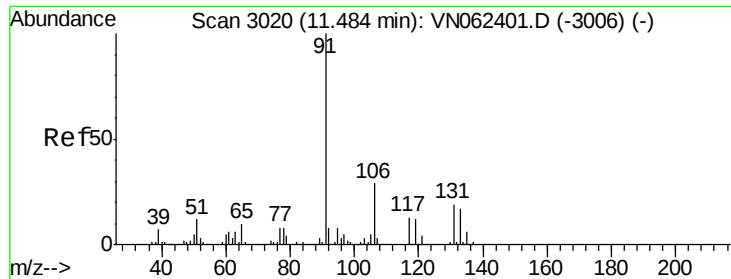
Tot Ion:112 Resp: 119178
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.187 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion:131 Resp: 43841
Ion Ratio Lower Upper
131 100
133 94.9 46.9 140.8
119 67.7 33.2 99.6





#67

Ethyl Benzene

Concen: 19.946 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampled :

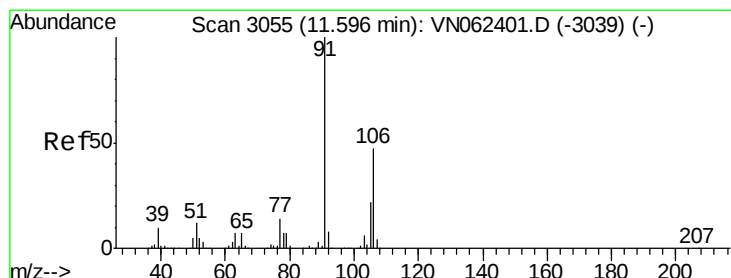
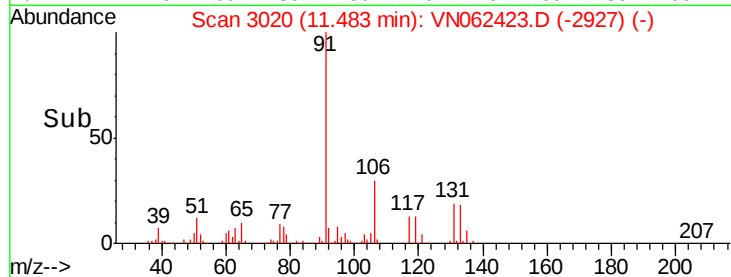
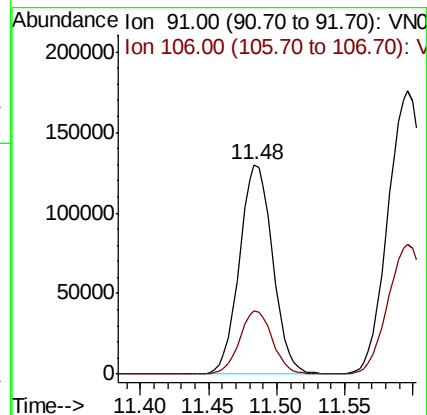
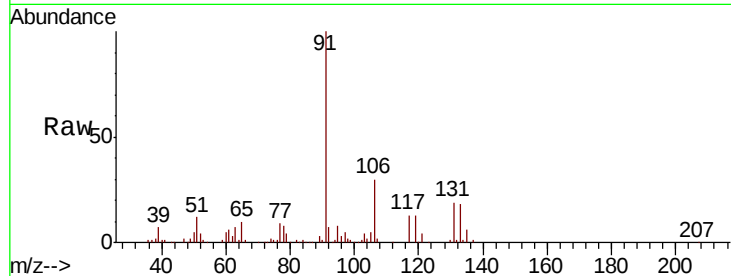
VN0708WBS02

Tot Ion: 91 Resp: 220494

Ion Ratio Lower Upper

91 100

106 30.0 23.4 35.2



#68

m/p-Xylenes

Concen: 40.265 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062423.D

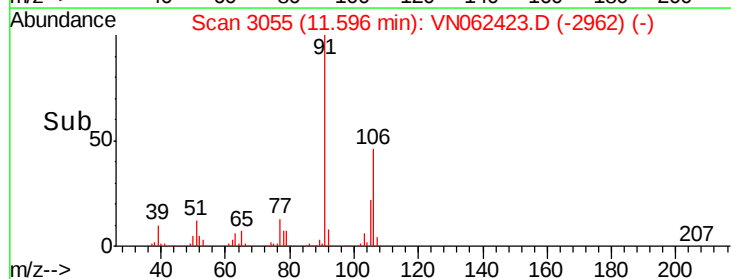
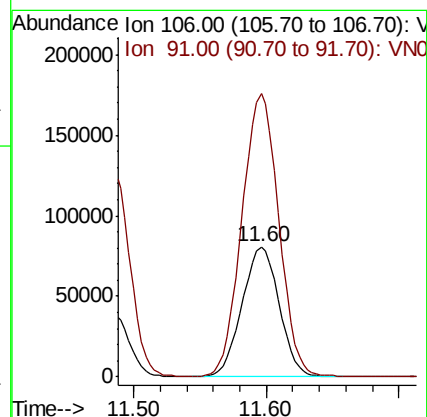
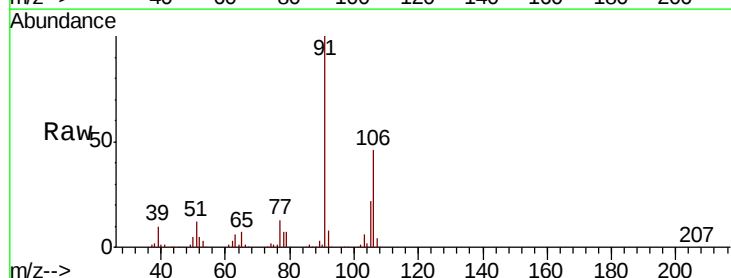
Acq: 8 Jul 2020 22:46

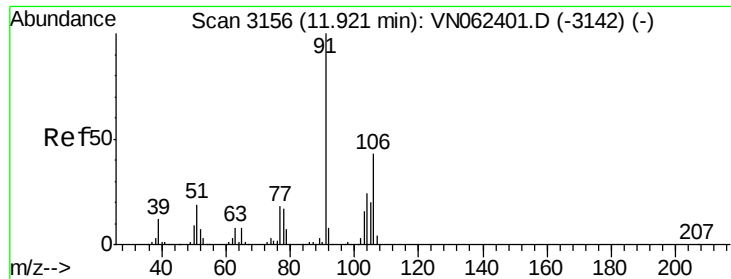
Tgt Ion: 106 Resp: 157569

Ion Ratio Lower Upper

106 100

91 216.0 172.4 258.6

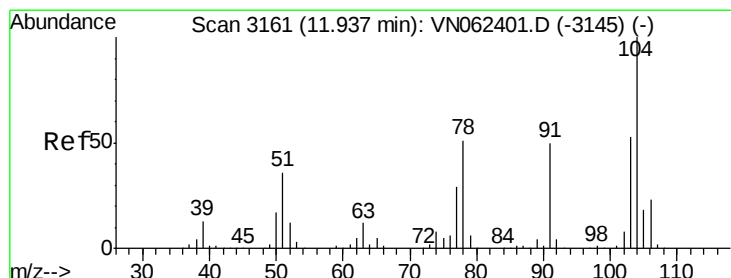
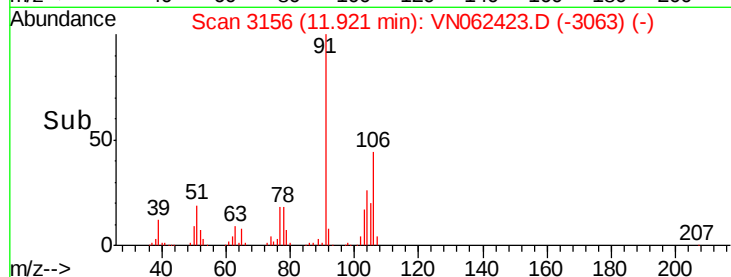
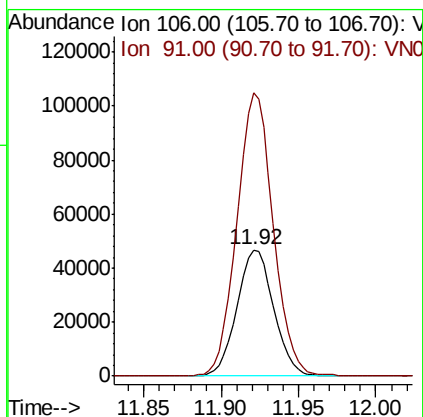
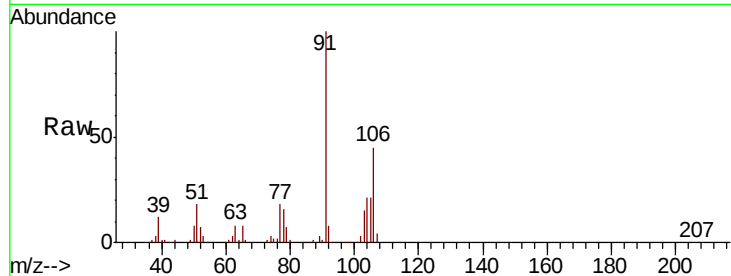




#69
o-Xylene
Concen: 20.174 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

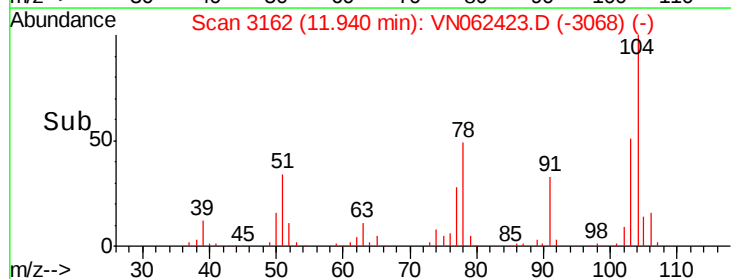
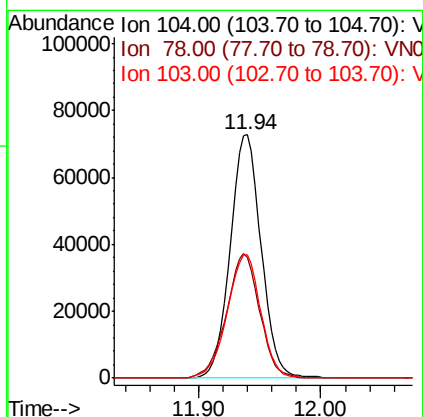
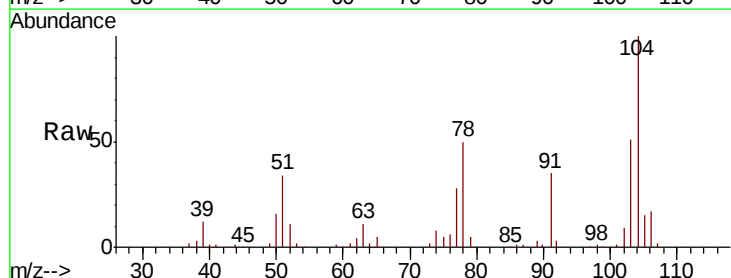
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

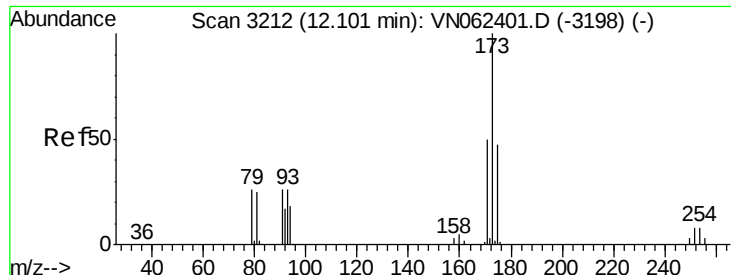
Tot Ion:106 Resp: 76868
Ion Ratio Lower Upper
106 100
91 222.1 113.8 341.4



#70
Styrene
Concen: 20.406 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion:104 Resp: 128500
Ion Ratio Lower Upper
104 100
78 54.9 44.2 66.4
103 55.0 44.4 66.6

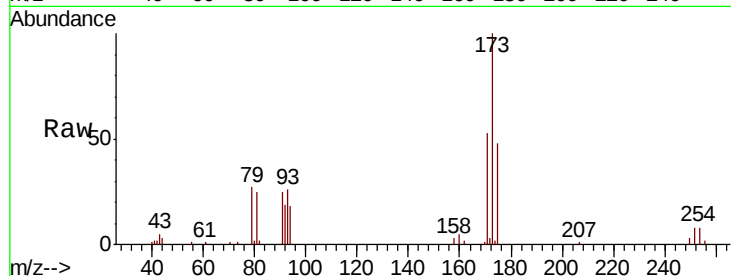




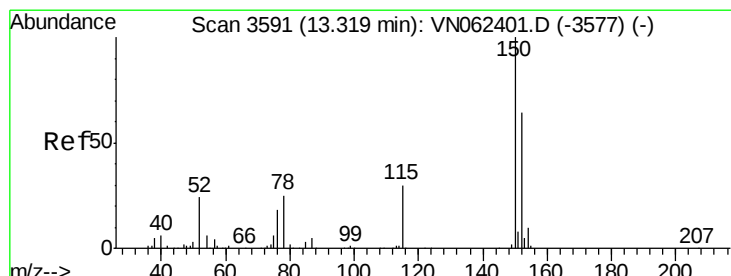
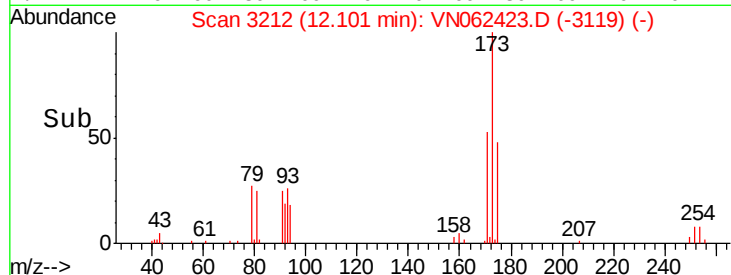
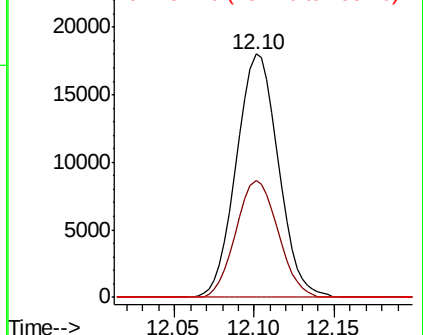
#71
Bromoform
Concen: 20.308 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

Tot Ion:173 Resp: 32331
Ion Ratio Lower Upper
173 100
175 48.2 23.7 71.1
254 0.0 0.0 0.0

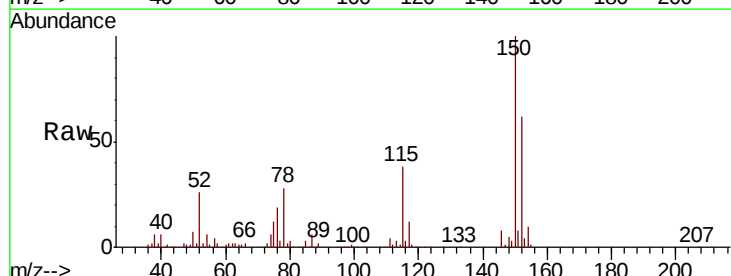


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

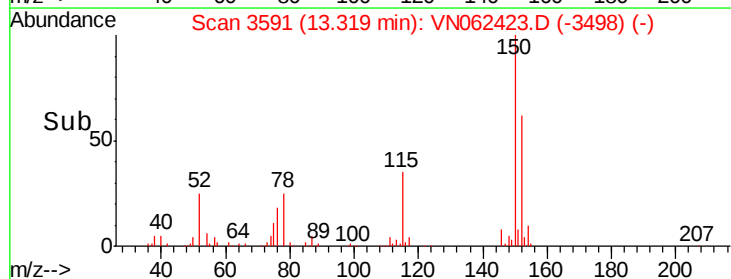
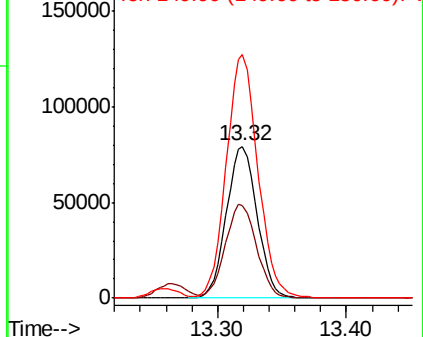


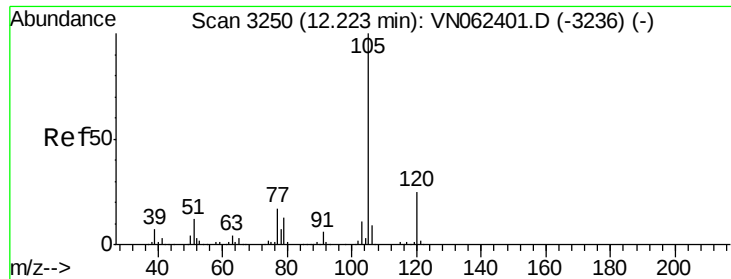
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion:152 Resp: 131419
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.2
150 164.2 0.0 347.4



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: 20.393 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampled :

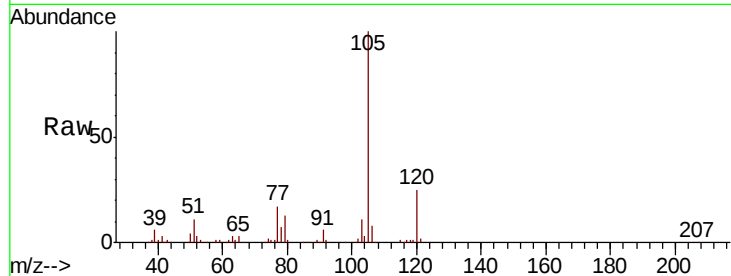
VN0708WBS02

Tot Ion:105 Resp: 207387

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

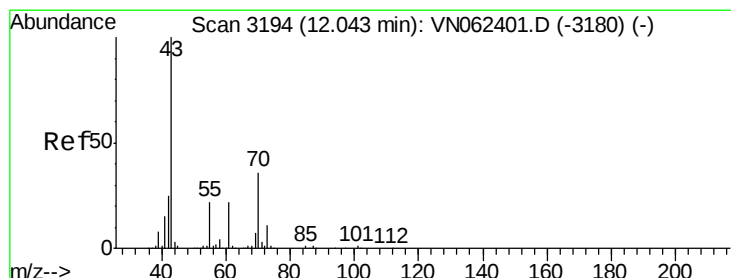
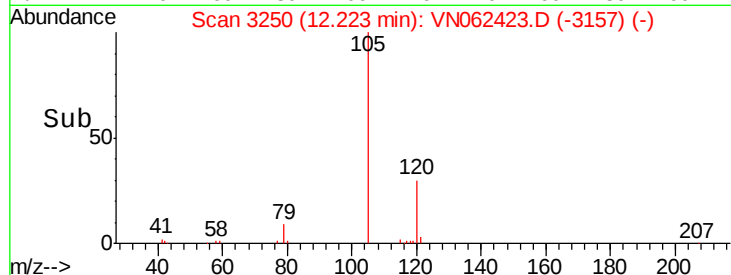
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.891 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Tgt Ion: 43 Resp: 98454

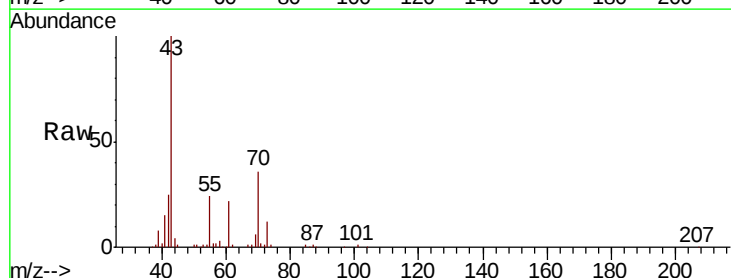
Ion Ratio Lower Upper

43 100

70 37.1 30.0 45.0

55 24.1 18.2 27.4

61 21.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

80000

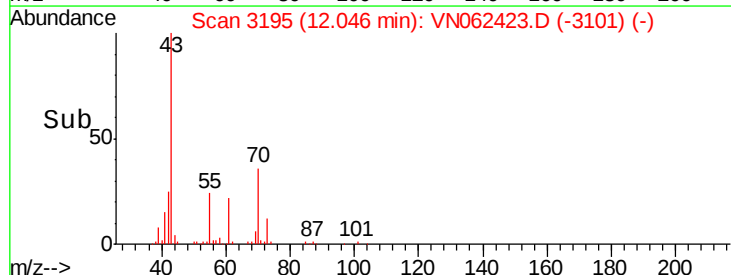
60000

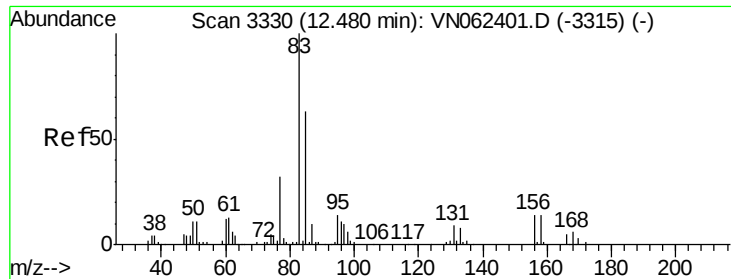
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.045 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS02

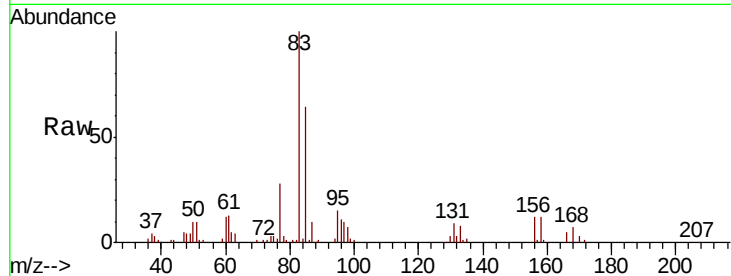
Tot Ion: 83 Resp: 68540

Ion Ratio Lower Upper

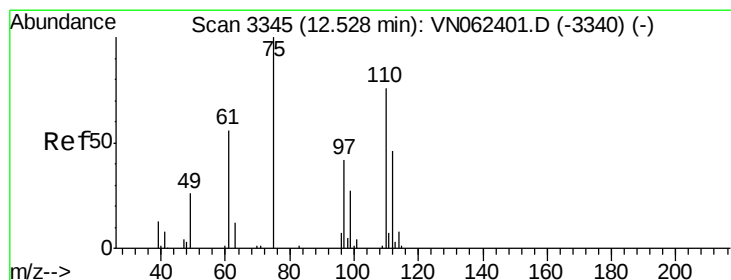
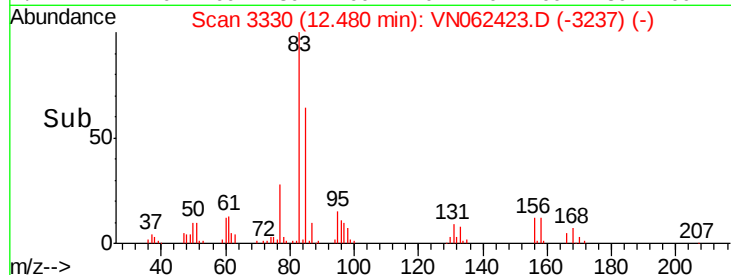
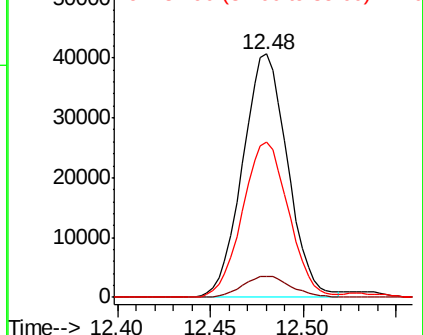
83 100

131 9.2 4.5 13.5

85 65.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 27.211 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062423.D

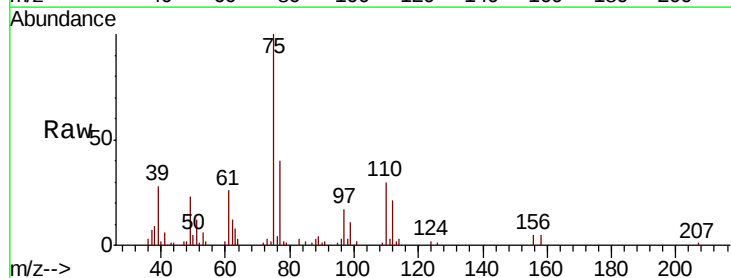
Acq: 8 Jul 2020 22:46

Tgt Ion: 75 Resp: 87744

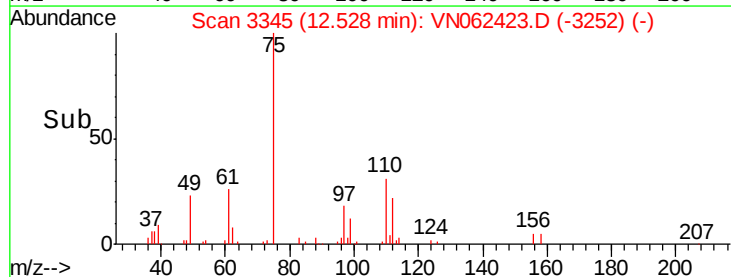
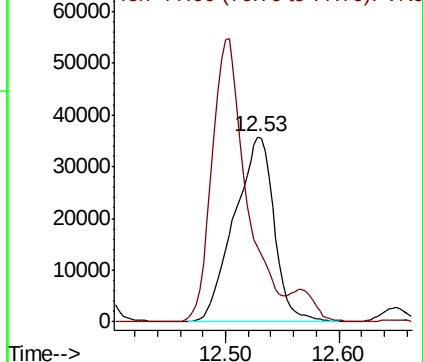
Ion Ratio Lower Upper

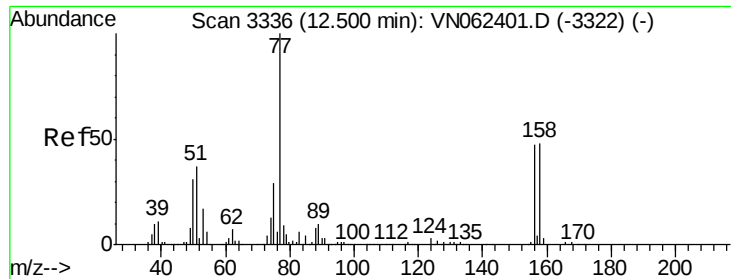
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN





#77

Bromobenzene

Concen: 20.491 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS02

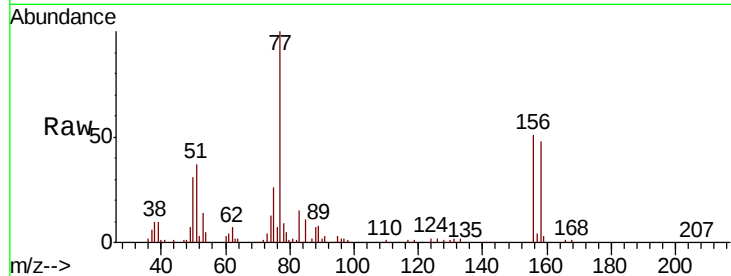
Tot Ion:156 Resp: 47374

Ion Ratio Lower Upper

156 100

77 243.9 126.4 379.3

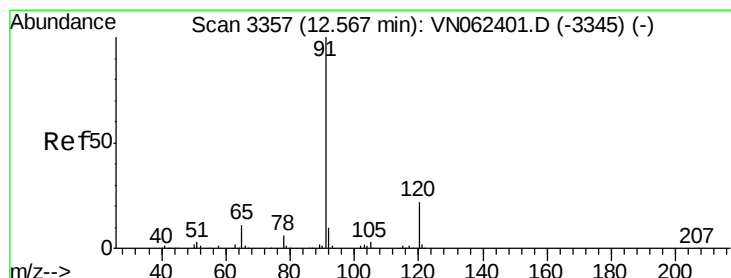
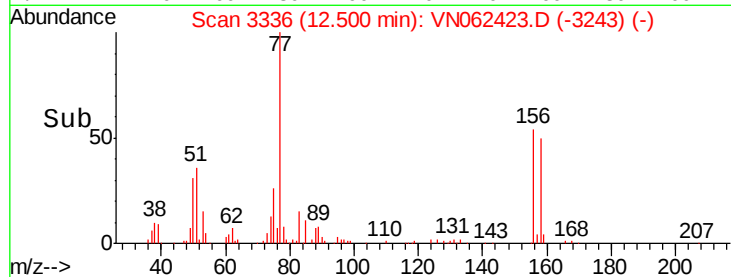
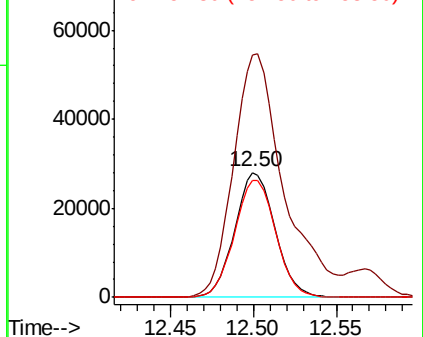
158 95.8 49.8 149.4



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: 20.130 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062423.D

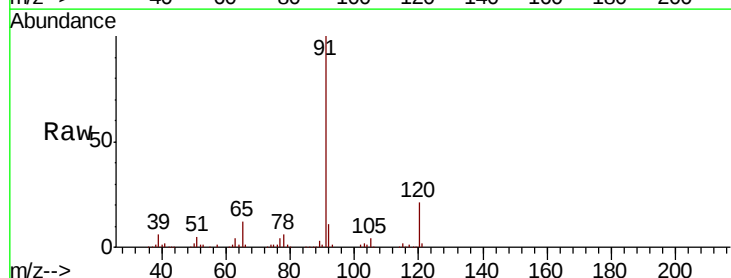
Acq: 8 Jul 2020 22:46

Tgt Ion: 91 Resp: 239121

Ion Ratio Lower Upper

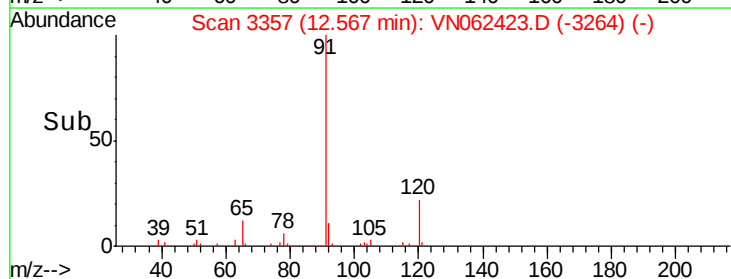
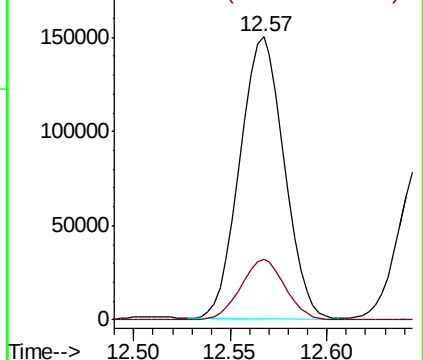
91 100

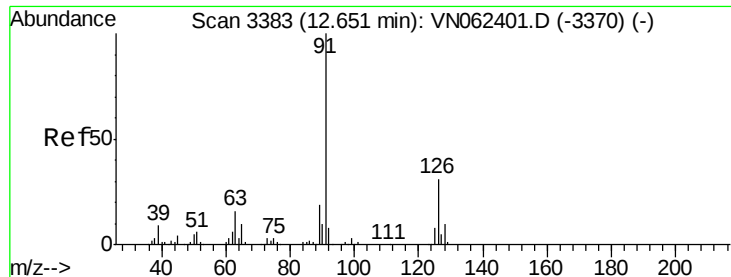
120 21.2 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.090 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampled :

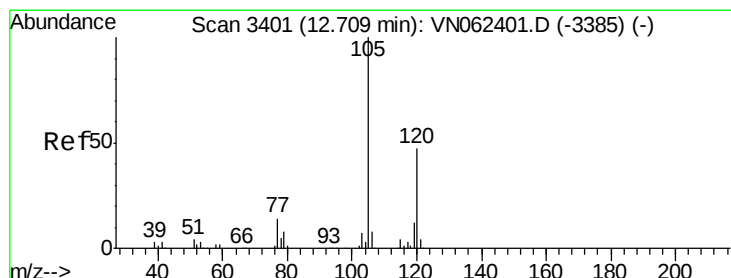
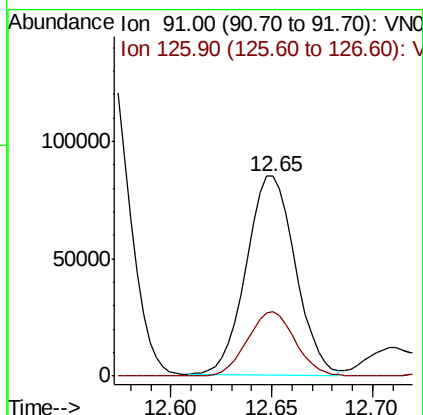
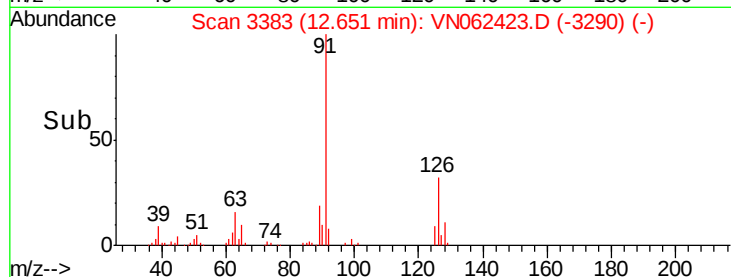
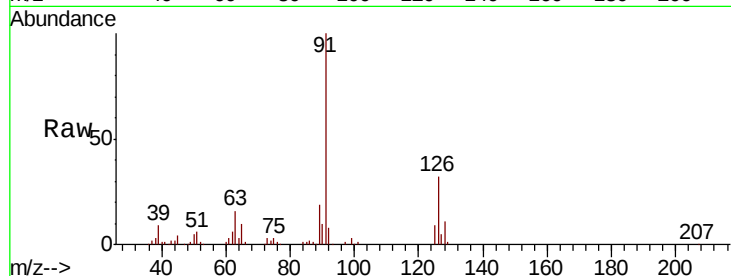
VN0708WBS02

Tot Ion: 91 Resp: 144841

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 20.407 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062423.D

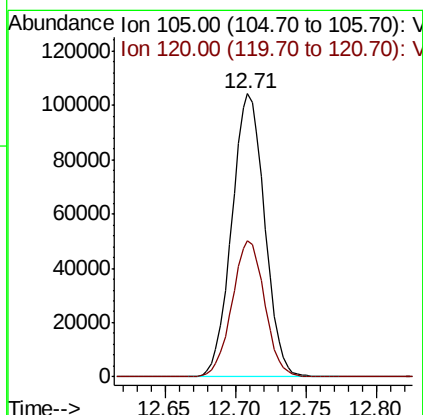
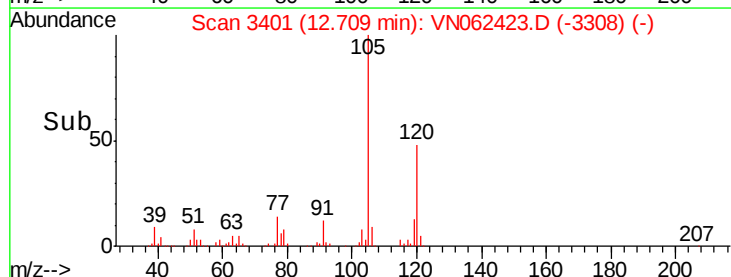
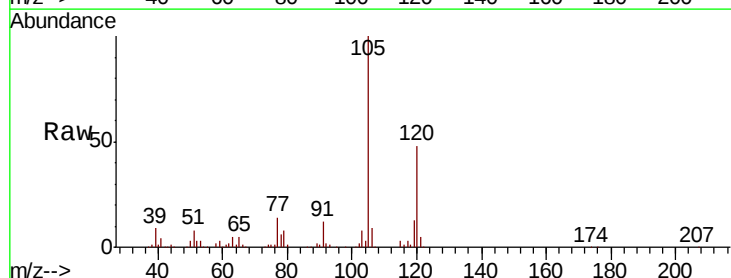
Acq: 8 Jul 2020 22:46

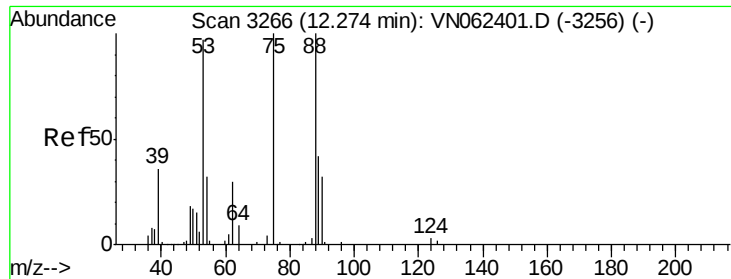
Tgt Ion: 105 Resp: 170125

Ion Ratio Lower Upper

105 100

120 47.9 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.959 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS02

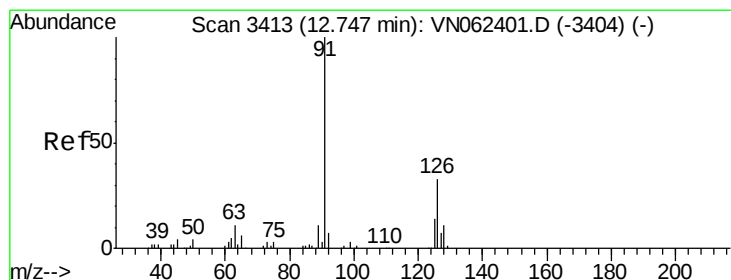
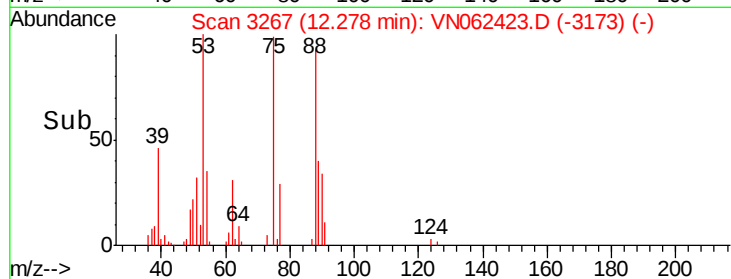
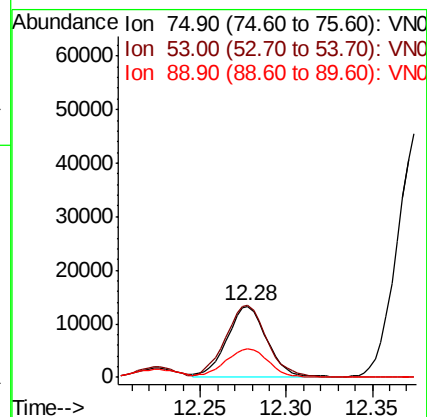
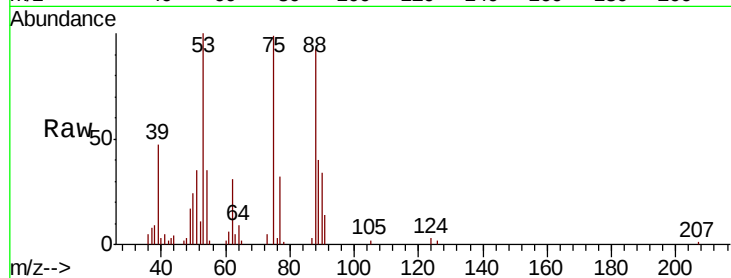
Tot Ion: 75 Resp: 21636

Ion Ratio Lower Upper

75 100

53 105.5 79.2 118.8

89 43.0 34.6 52.0



#82

4-Chlorotoluene

Concen: 20.316 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062423.D

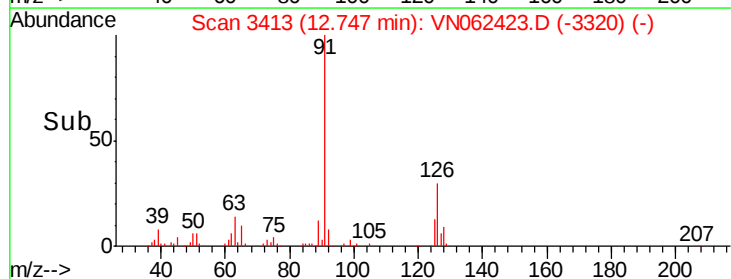
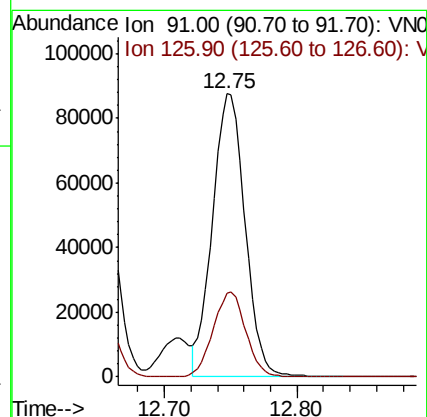
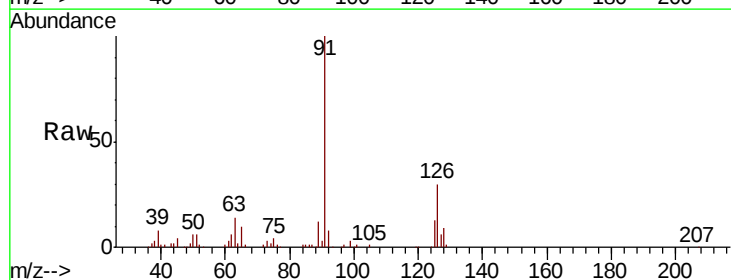
Acq: 8 Jul 2020 22:46

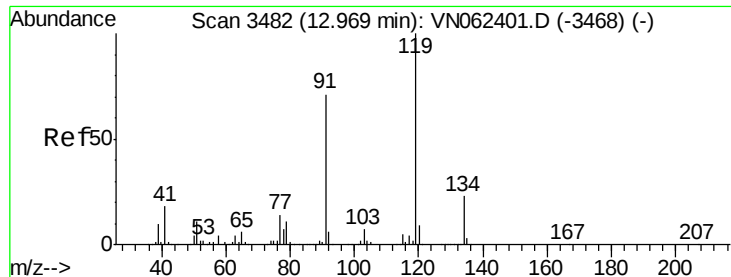
Tgt Ion: 91 Resp: 148703

Ion Ratio Lower Upper

91 100

126 30.2 15.2 45.6

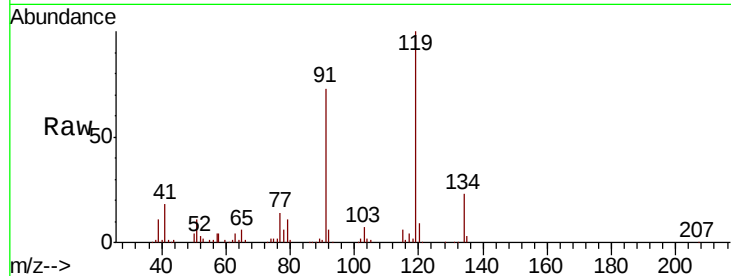




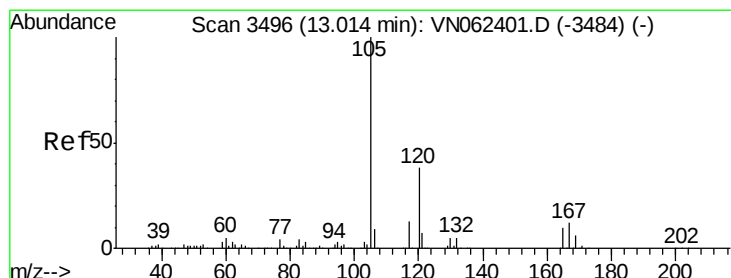
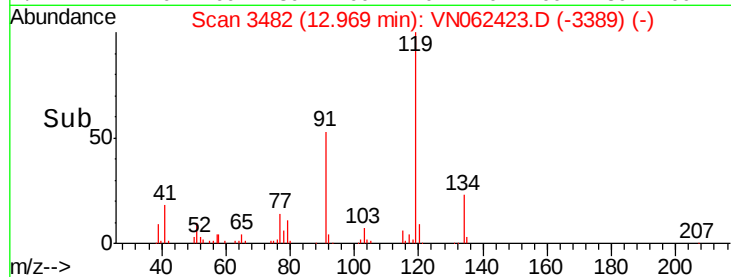
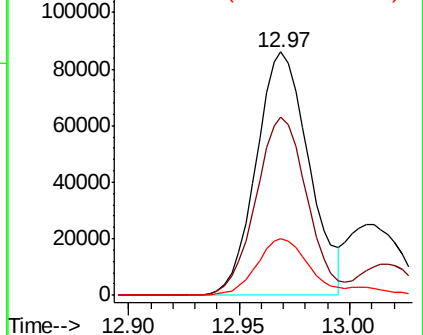
#83
tert-Butylbenzene
Concen: 20.167 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

Tot Ion:119 Resp: 142676
Ion Ratio Lower Upper
119 100
91 71.1 34.8 104.3
134 23.1 11.7 35.0

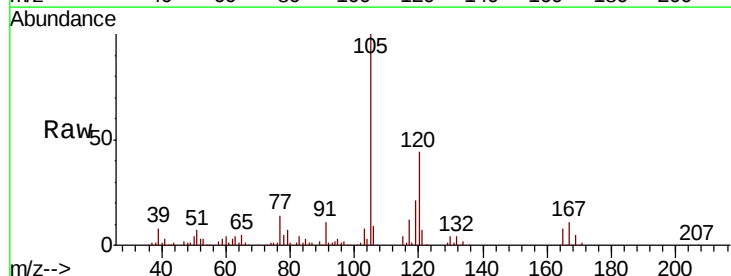


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

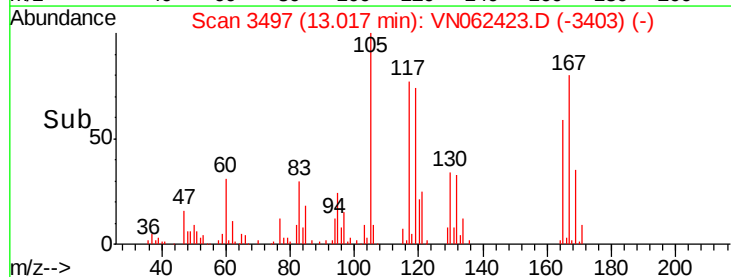
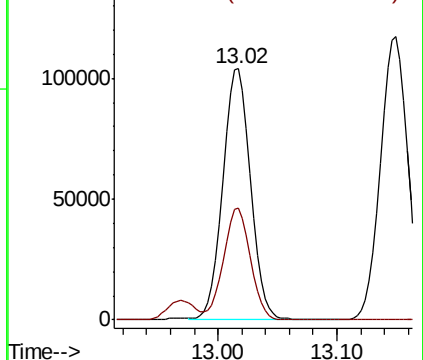


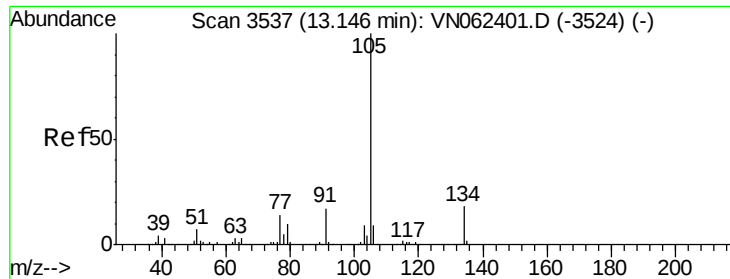
#84
1,2,4-Trimethylbenzene
Concen: 20.300 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion:105 Resp: 168213
Ion Ratio Lower Upper
105 100
120 43.1 21.6 64.8



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





#85

sec-Butylbenzene

Concen: 20.220 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampled :

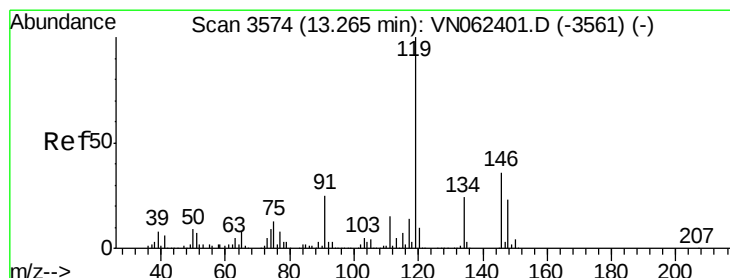
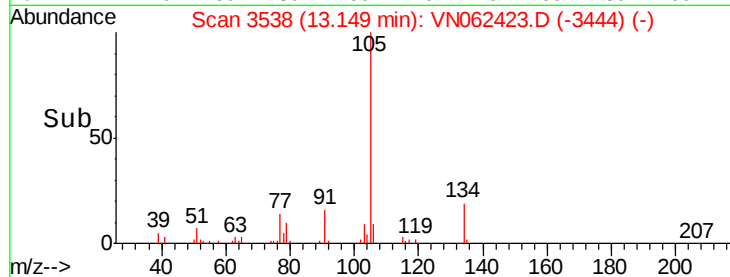
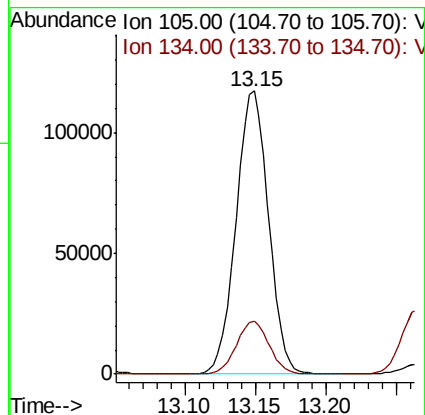
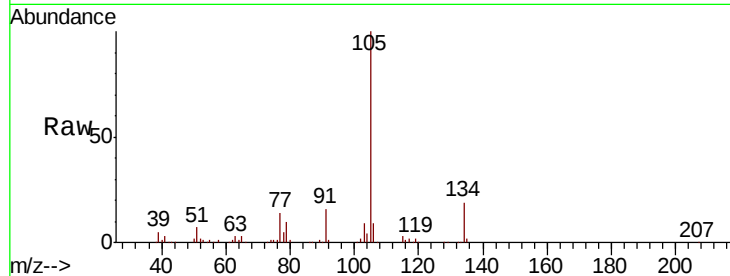
VN0708WBS02

Tot Ion:105 Resp: 189563

Ion Ratio Lower Upper

105 100

134 18.6 9.3 28.0



#86

p-Isopropyltoluene

Concen: 20.413 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

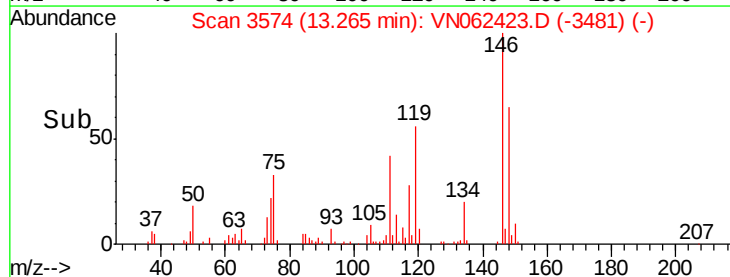
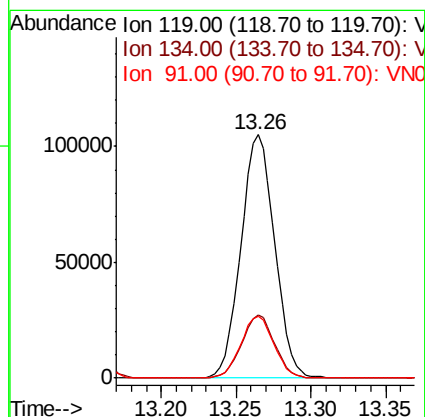
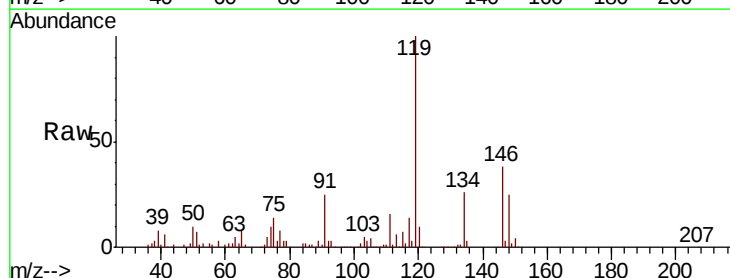
Tgt Ion:119 Resp: 165168

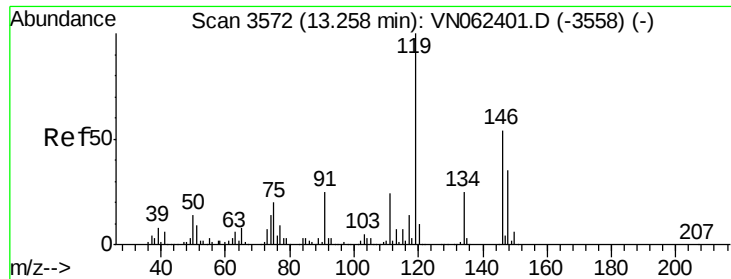
Ion Ratio Lower Upper

119 100

134 25.4 12.4 37.0

91 25.0 12.4 37.4

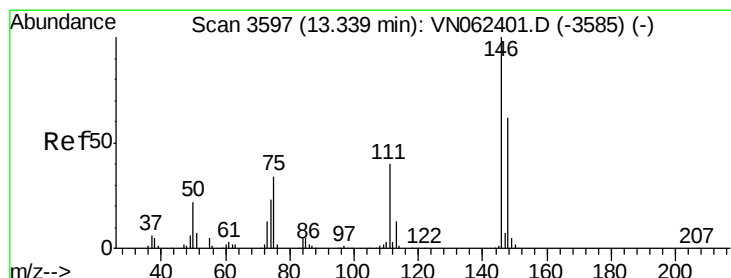
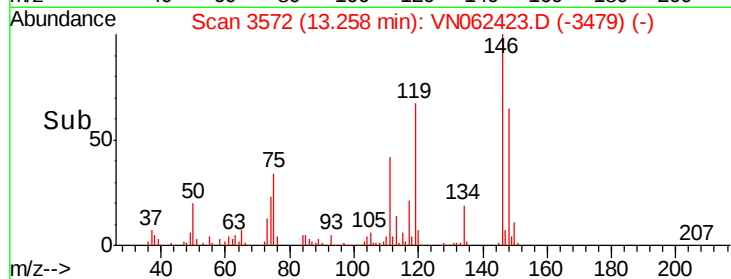
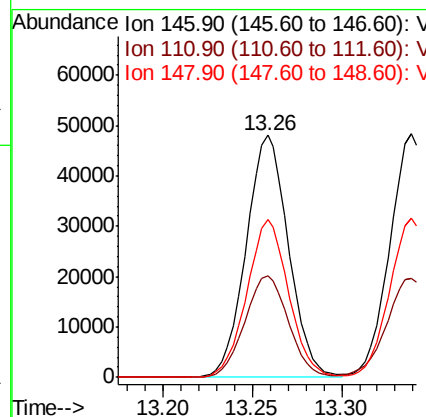
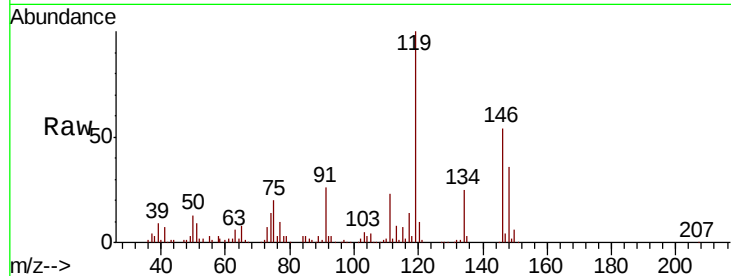




#87
 1,3-Dichlorobenzene
 Concen: 20.010 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

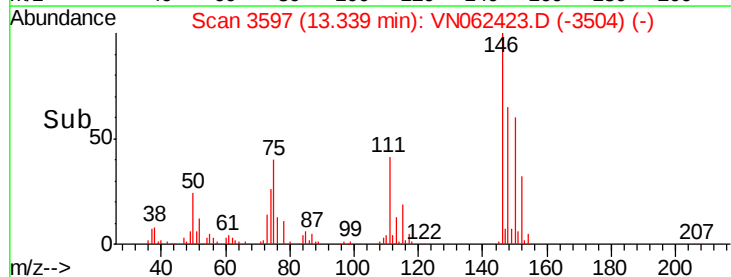
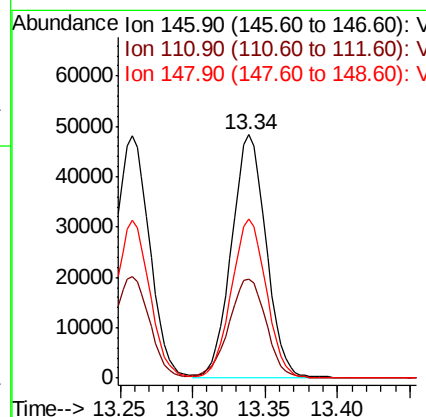
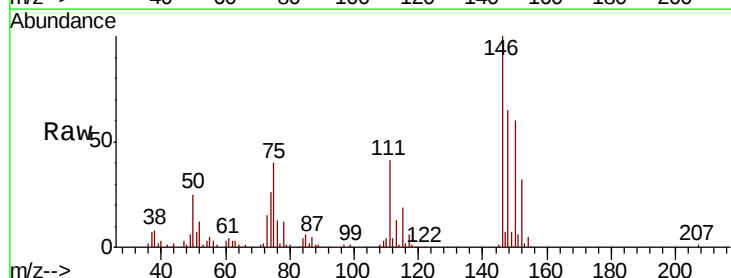
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS02

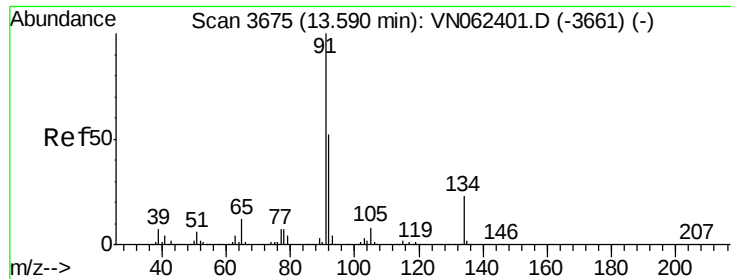
Tot Ion:146 Resp: 79807
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion:146 Resp: 80120
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.1 63.1
 148 65.0 31.4 94.2





#89

n-Butylbenzene

Concen: 18.874 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampled :

VN0708WBS02

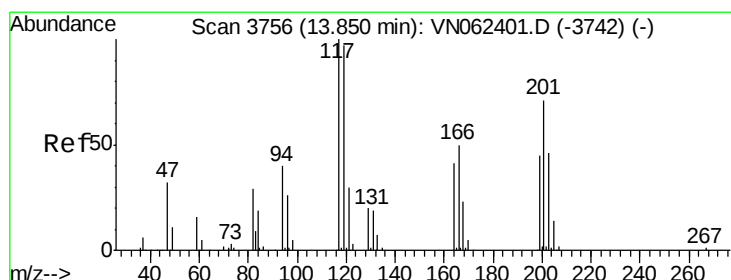
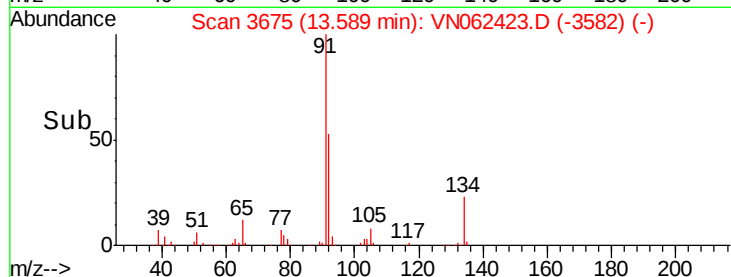
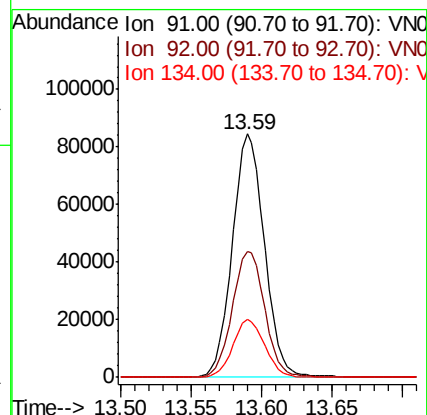
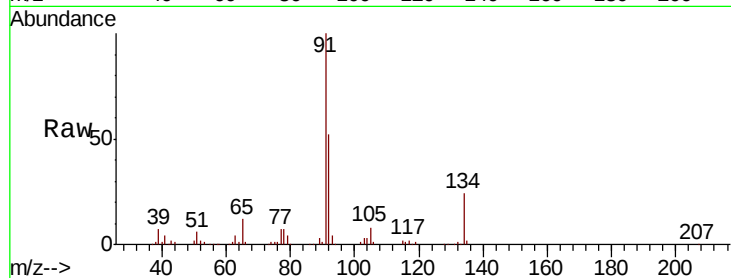
Tot Ion: 91 Resp: 134844

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.7

134 23.5 11.6 34.8



#90

Hexachloroethane

Concen: 20.014 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062423.D

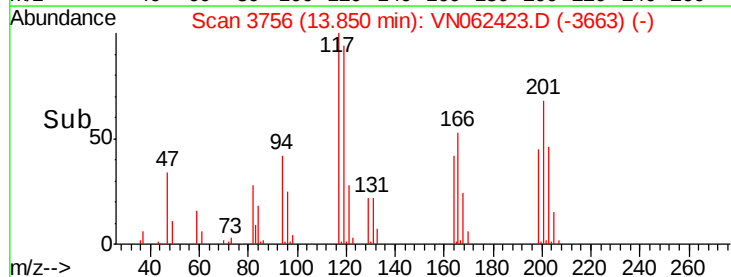
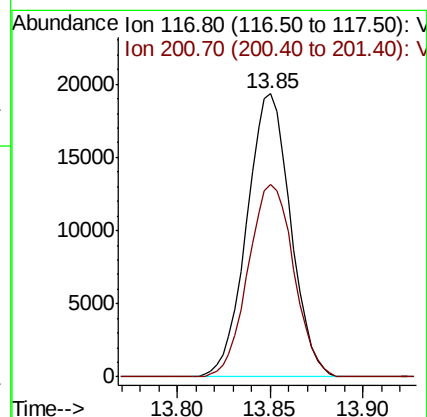
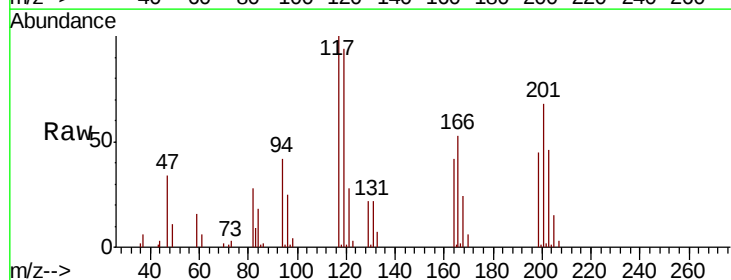
Acq: 8 Jul 2020 22:46

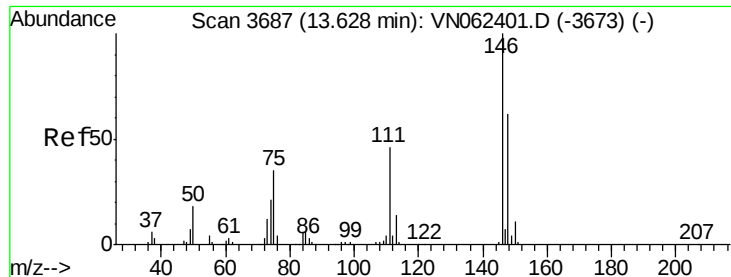
Tgt Ion: 117 Resp: 31856

Ion Ratio Lower Upper

117 100

201 71.1 35.4 106.2





#91

1,2-Dichlorobenzene

Concen: 20.637 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS02

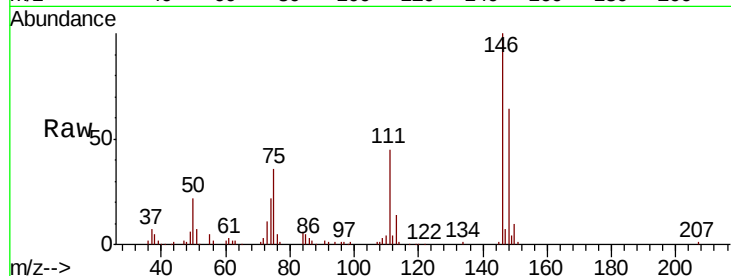
Tot Ion:146 Resp: 79583

Ion Ratio Lower Upper

146 100

111 44.5 22.5 67.5

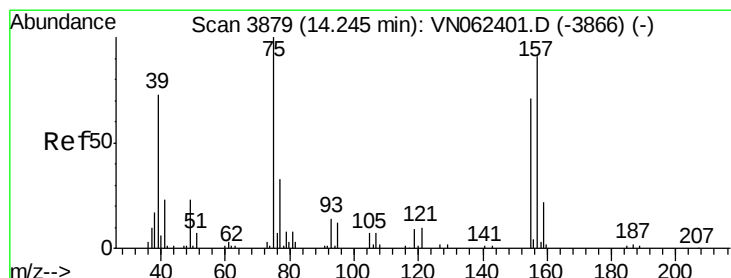
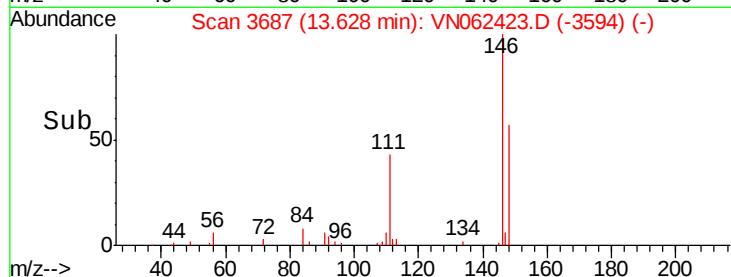
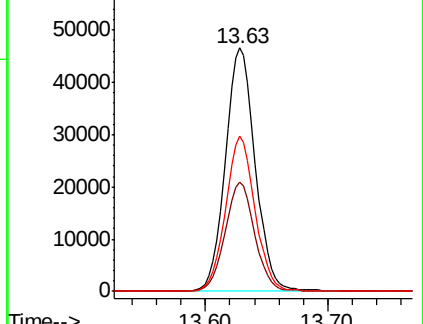
148 62.8 31.4 94.2



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: 20.160 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062423.D

Acq: 8 Jul 2020 22:46

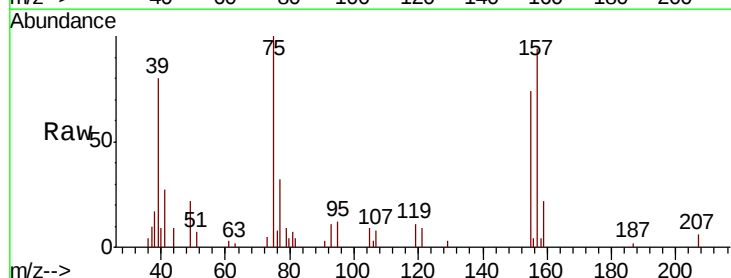
Tgt Ion: 75 Resp: 12580

Ion Ratio Lower Upper

75 100

155 70.9 35.2 105.6

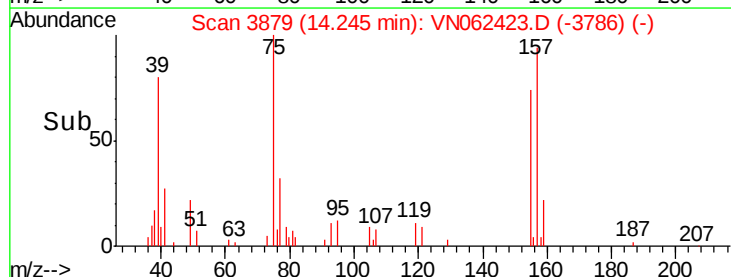
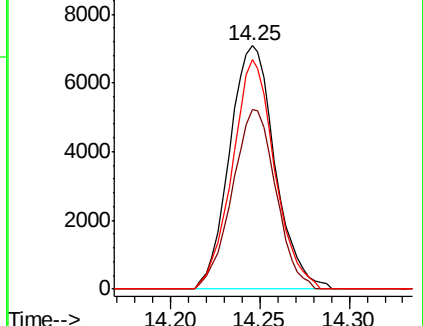
157 88.0 45.8 137.3

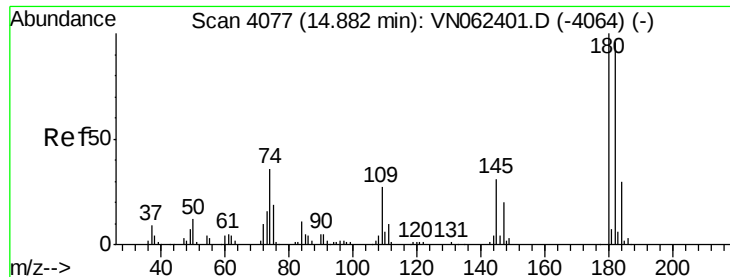


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

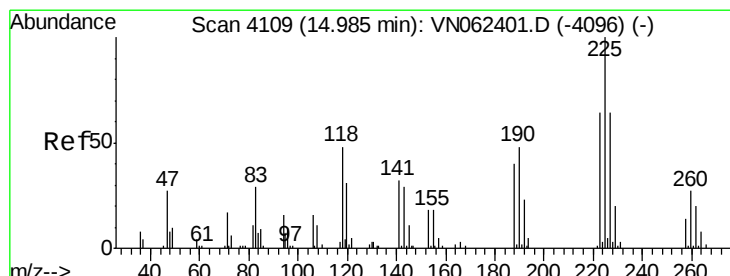
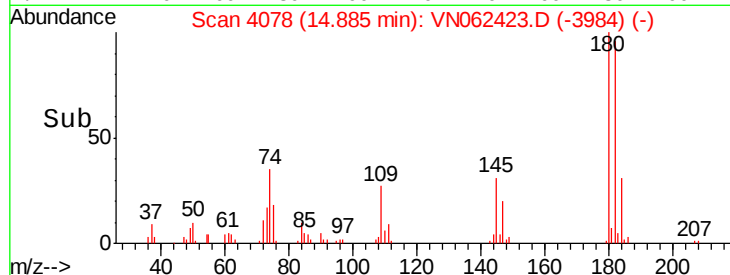
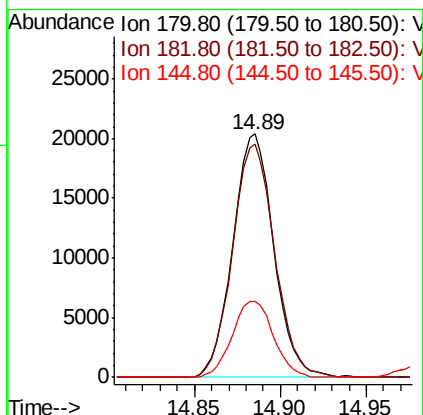
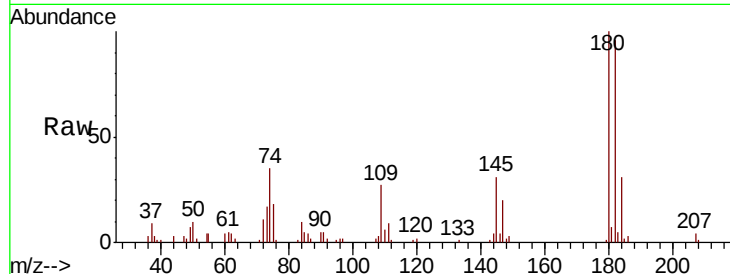




#93
 1,2,4-Trichlorobenzene
 Concen: 19.671 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

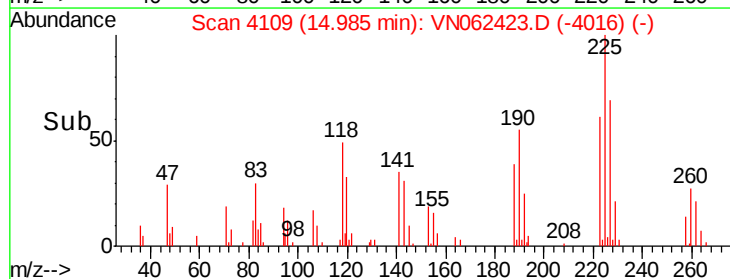
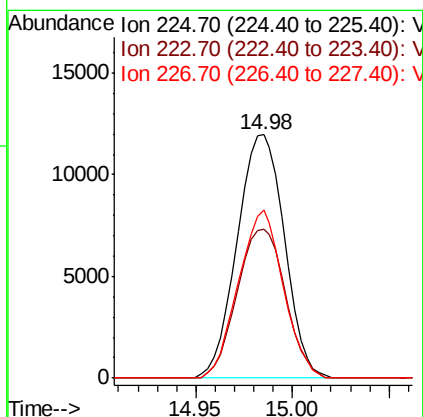
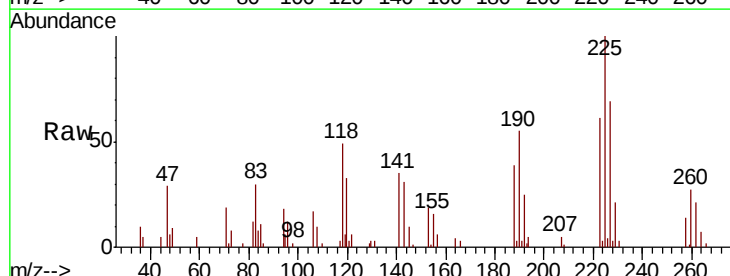
Instrument :
 MSVOA_N
 ClientSampled :
 VN0708WBS02

Tot Ion:180 Resp: 33922
 Ion Ratio Lower Upper
 180 100
 182 98.2 48.4 145.2
 145 31.5 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 19.877 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN062423.D
 Acq: 8 Jul 2020 22:46

Tgt Ion:225 Resp: 20352
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.3 96.8
 227 65.3 31.9 95.7

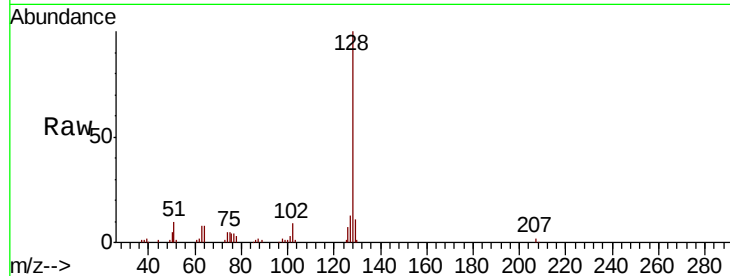




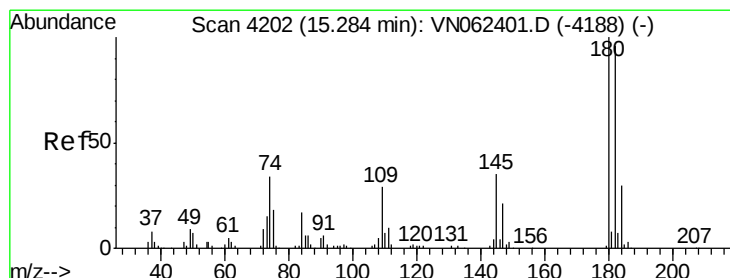
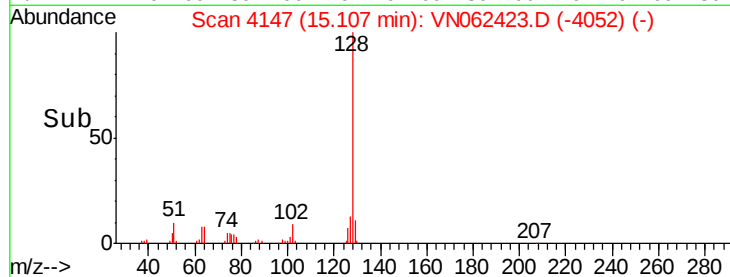
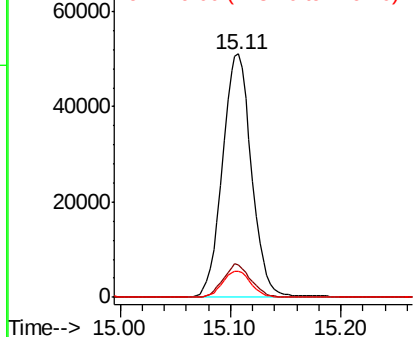
#95
Naphthalene
Concen: 19.985 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS02

Tot Ion:128 Resp: 93252
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.4 8.6 12.8

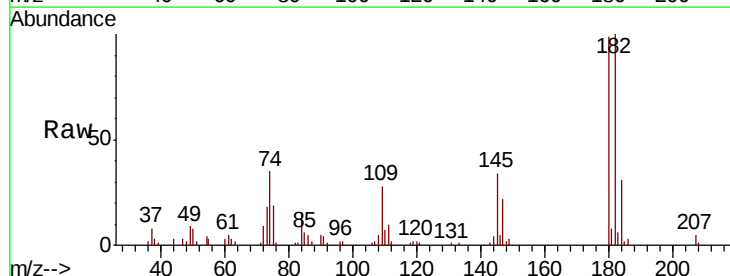


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.003 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062423.D
Acq: 8 Jul 2020 22:46

Tgt Ion:180 Resp: 35029
Ion Ratio Lower Upper
180 100
182 98.3 47.8 143.4
145 33.9 17.0 50.9



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

