

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063092.D
 Acq On : 24 Aug 2020 13:51
 Operator : JC/MD
 Sample : VN0824WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Quant Time: Aug 25 00:53:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108504	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.55	113	88637	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.06	98	337579	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.38	95	120503	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44420	20.065	ug/l	95
3) Chloromethane	2.04	50	49488	21.124	ug/l	100
4) Vinyl Chloride	2.16	62	47628	21.022	ug/l	99
5) Bromomethane	2.48	94	20517	15.257	ug/l	99
6) Chloroethane	2.60	64	30163	22.549	ug/l	100
7) Trichlorofluoromethane	2.93	101	59061	20.903	ug/l	99
8) Diethyl Ether	3.37	74	20846	20.855	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.69	101	29413	19.319	ug/l	98
10) Methyl Iodide	3.89	142	34891	18.080	ug/l	99
11) Tert butyl alcohol	4.78	59	18623	64.925	ug/l #	89
12) 1,1-Dichloroethene	3.67	96	26854	18.515	ug/l	97
13) Acrolein	3.57	56	2300	25.595	ug/l	96
14) Allyl chloride	4.26	41	49337	19.293	ug/l	99
15) Acrylonitrile	4.93	53	91518	108.552	ug/l	99
16) Acetone	3.79	43	65339	101.132	ug/l	96
17) Carbon Disulfide	3.99	76	66099	17.402	ug/l	98
18) Methyl Acetate	4.28	43	43973	21.851	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	108948	21.540	ug/l	100
20) Methylene Chloride	4.49	84	37799	20.380	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	29754	19.603	ug/l	98
22) Diisopropyl ether	5.90	45	127530	21.976	ug/l	99
23) Vinyl Acetate	5.84	43	399870	102.112	ug/l	100
24) 1,1-Dichloroethane	5.79	63	66786	20.595	ug/l	98
25) 2-Butanone	6.80	43	106352	98.922	ug/l	100
26) 2,2-Dichloropropane	6.77	77	52028	20.401	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	38442	20.207	ug/l	99
28) Bromochloromethane	7.15	49	32670	19.255	ug/l	97
29) Tetrahydrofuran	7.17	42	72186	104.033	ug/l	99
30) Chloroform	7.33	83	66449	20.346	ug/l	98
31) Cyclohexane	7.61	56	56141	18.810	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	53679	20.133	ug/l	99
36) 1,1-Dichloropropene	7.75	75	43646	19.037	ug/l	99
37) Ethyl Acetate	6.89	43	44706	20.810	ug/l	99
38) Carbon Tetrachloride	7.73	117	45181	19.519	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Quant Time: Aug 25 00:53:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48026	16.593	ug/l	94
40) Benzene	8.00	78	142086	19.539	ug/l	98
41) Methacrylonitrile	7.12	41	18231	17.811	ug/l #	81
42) 1,2-Dichloroethane	8.08	62	50353	20.622	ug/l	100
43) Isopropyl Acetate	8.13	43	73216	20.571	ug/l #	90
44) Trichloroethene	8.80	130	34628	19.144	ug/l	94
45) 1,2-Dichloropropane	9.08	63	42531	20.234	ug/l	100
46) Dibromomethane	9.17	93	24895	20.502	ug/l	99
47) Bromodichloromethane	9.37	83	53512	20.120	ug/l	99
48) Methyl methacrylate	9.17	41	34579	20.534	ug/l	98
49) 1,4-Dioxane	9.17	88	6338	183.711	ug/l #	92
51) 4-Methyl-2-Pentanone	9.96	43	244608	108.730	ug/l	99
52) Toluene	10.12	92	89107	20.313	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	57825	21.025	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	63140	20.927	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	39419	21.016	ug/l	98
56) Ethyl methacrylate	10.40	69	52422	19.206	ug/l	97
57) 1,3-Dichloropropane	10.68	76	65369	20.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	66245	101.669	ug/l	97
59) 2-Hexanone	10.73	43	171579	109.341	ug/l	96
60) Dibromochloromethane	10.88	129	43193	20.809	ug/l	100
61) 1,2-Dibromoethane	10.98	107	38398	21.305	ug/l	98
64) Tetrachloroethene	10.60	164	30050	18.154	ug/l	97
65) Chlorobenzene	11.41	112	99240	19.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	38497	19.570	ug/l	97
67) Ethyl Benzene	11.48	91	167335	19.581	ug/l	99
68) m/p-Xylenes	11.60	106	127215	40.053	ug/l	99
69) o-Xylene	11.92	106	61709	20.233	ug/l	99
70) Styrene	11.94	104	109324	19.291	ug/l	99
71) Bromoform	12.10	173	31600	20.182	ug/l #	97
73) Isopropylbenzene	12.23	105	163623	19.582	ug/l	99
74) N-amyl acetate	12.05	43	64616	21.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	61220	21.754	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	73434	30.962	ug/l #	100
77) Bromobenzene	12.50	156	45852	19.952	ug/l	97
78) n-propylbenzene	12.57	91	188178	19.758	ug/l	99
79) 2-Chlorotoluene	12.65	91	118452	19.773	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	137524	19.910	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18283	21.172	ug/l	94
82) 4-Chlorotoluene	12.75	91	119802	19.640	ug/l	98
83) tert-Butylbenzene	12.97	119	115515	19.376	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	127330	18.922	ug/l	100
85) sec-Butylbenzene	13.15	105	149843	18.598	ug/l	99
86) p-Isopropyltoluene	13.26	119	124308	17.707	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	78882	19.973	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80266	20.024	ug/l	99
89) n-Butylbenzene	13.59	91	97693	16.639	ug/l	98
90) Hexachloroethane	13.85	117	26927	18.045	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	78508	20.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9920	23.573	ug/l	94

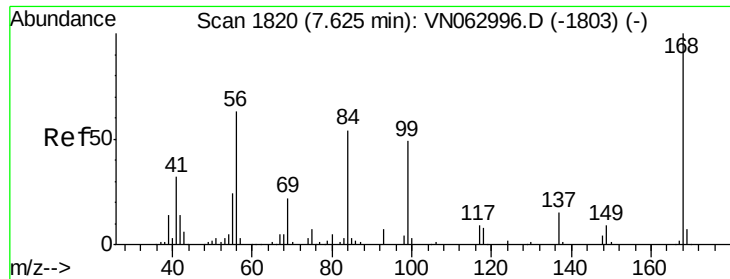
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	34857	19.530	ug/l	98
94) Hexachlorobutadiene	14.98	225	22206	15.752	ug/l	100
95) Naphthalene	15.11	128	74296	19.181	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	32427	18.367	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

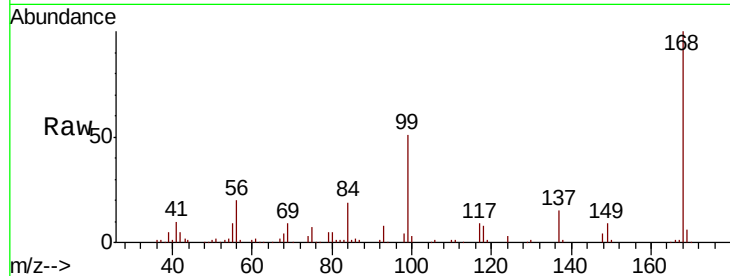
VN0824WBS01

Tot Ion:168 Resp: 170864

Ion Ratio Lower Upper

168 100

99 51.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

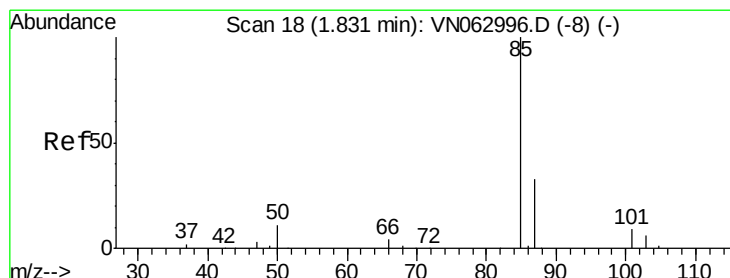
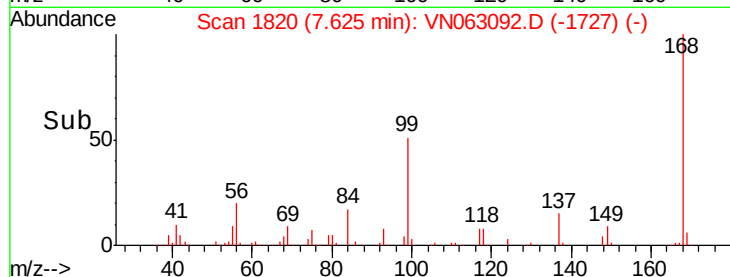
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 20.065 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN063092.D

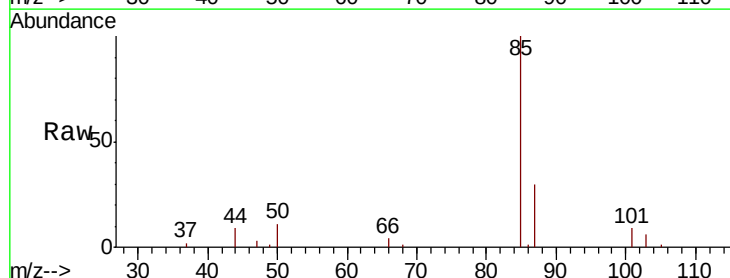
Acq: 24 Aug 2020 13:51

Tgt Ion: 85 Resp: 44420

Ion Ratio Lower Upper

85 100

87 29.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

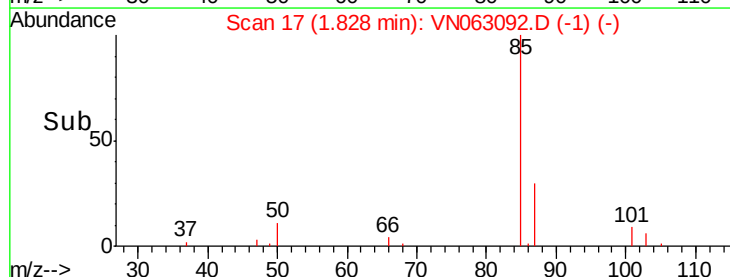
15000

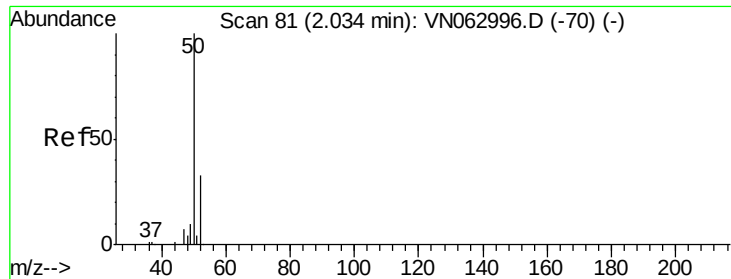
10000

5000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 21.124 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

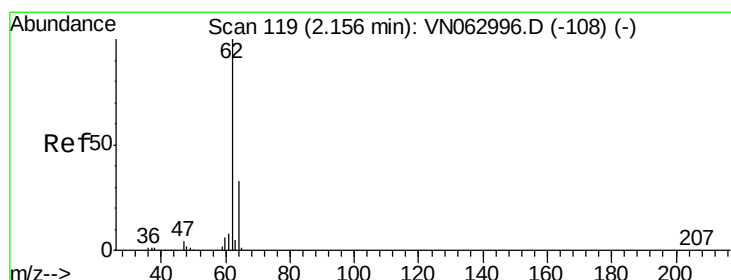
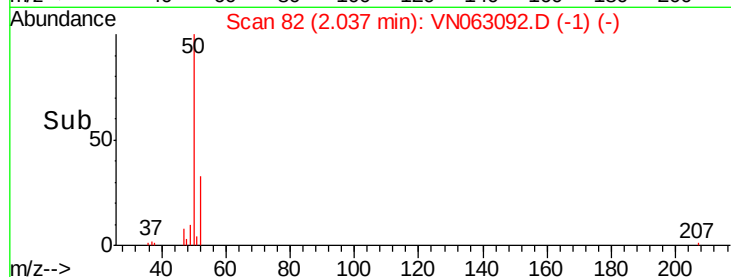
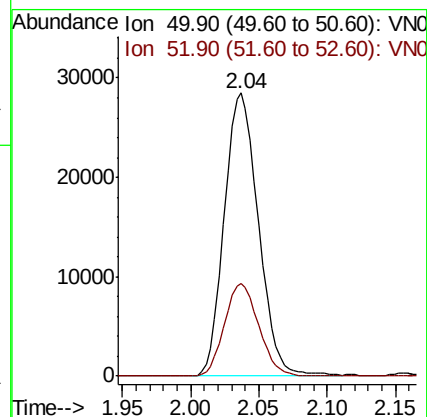
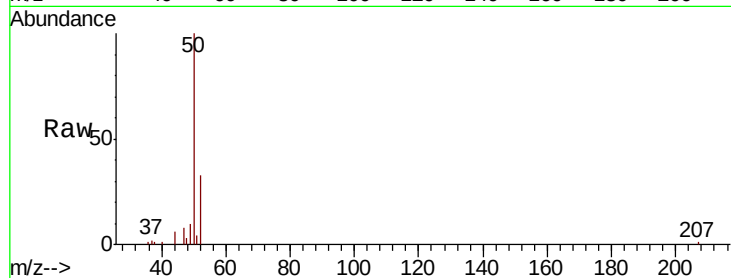
VN0824WBS01

Tot Ion: 50 Resp: 49488

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 21.022 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN063092.D

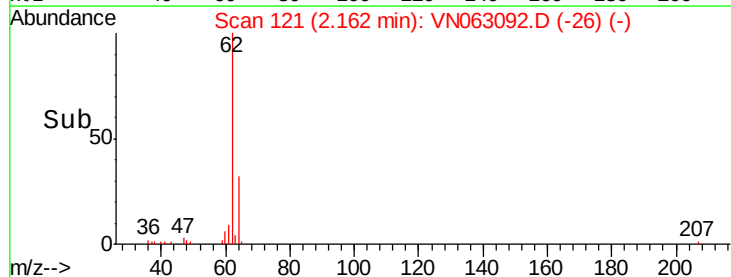
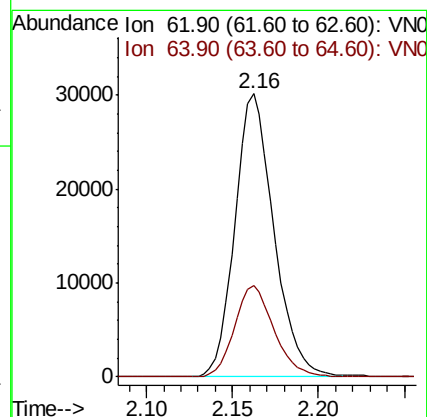
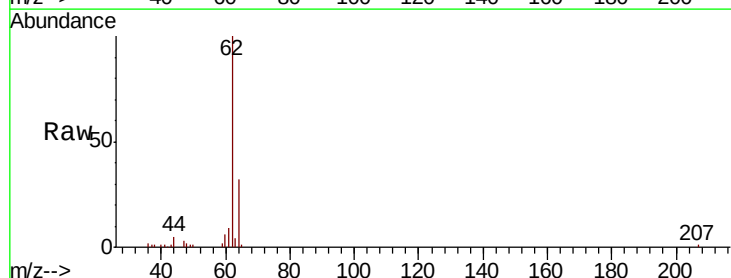
Acq: 24 Aug 2020 13:51

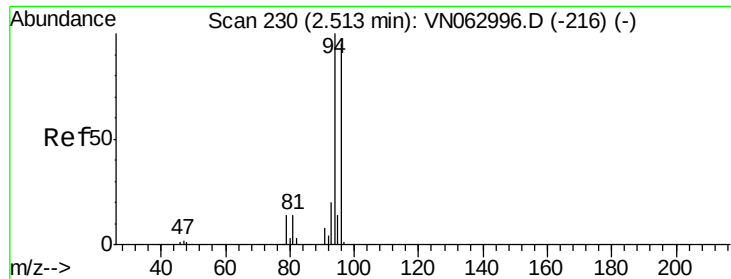
Tgt Ion: 62 Resp: 47628

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 15.257 ug/l

RT: 2.48 min Scan# 221

Delta R.T. -0.03 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

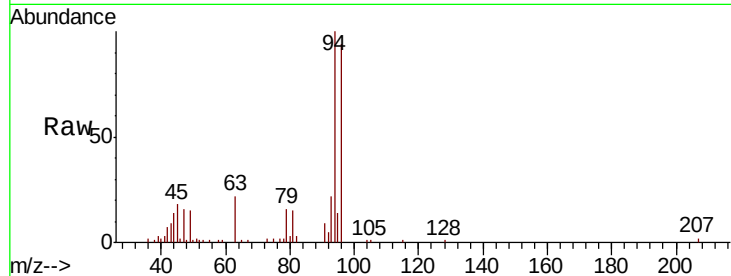
VN0824WBS01

Tot Ion: 94 Resp: 20517

Ion Ratio Lower Upper

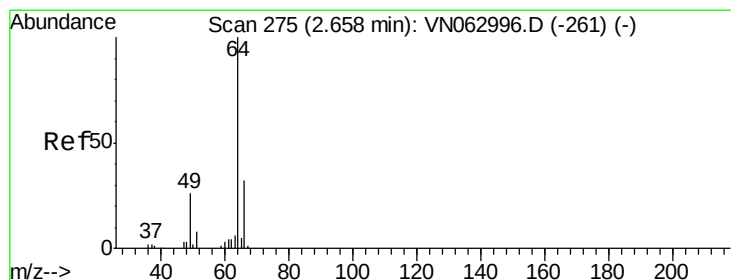
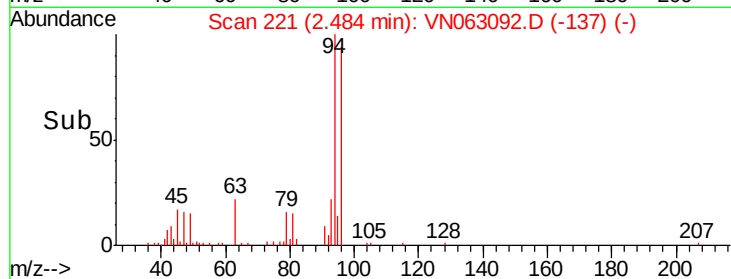
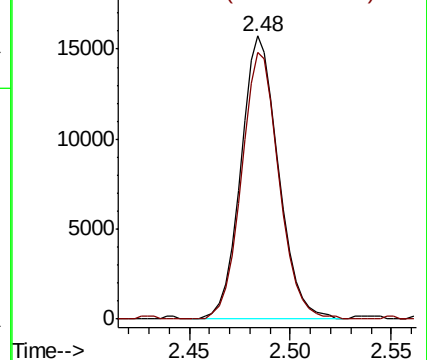
94 100

96 94.1 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 22.549 ug/l

RT: 2.60 min Scan# 256

Delta R.T. -0.06 min

Lab File: VN063092.D

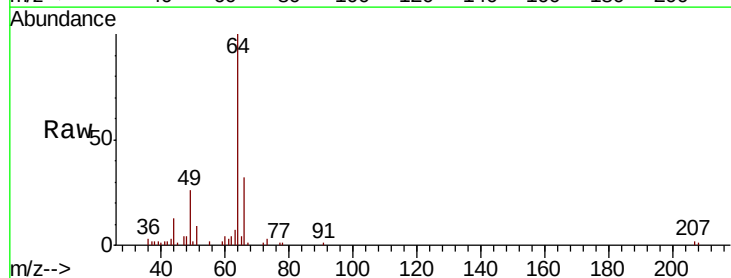
Acq: 24 Aug 2020 13:51

Tgt Ion: 64 Resp: 30163

Ion Ratio Lower Upper

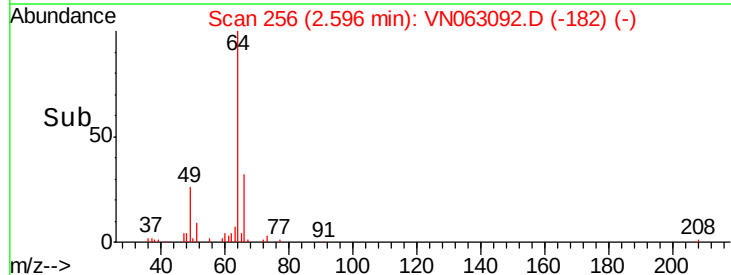
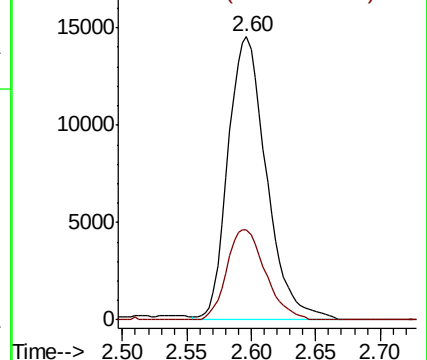
64 100

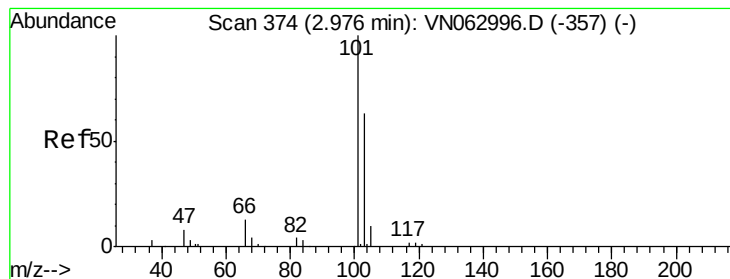
66 31.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



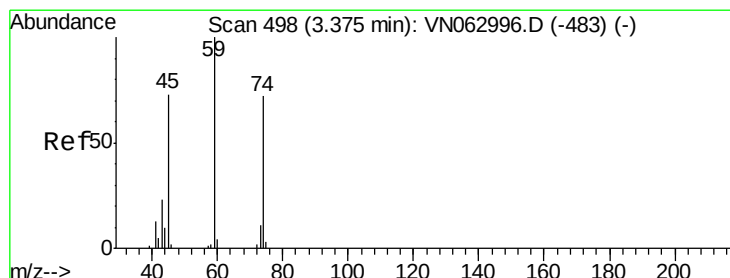
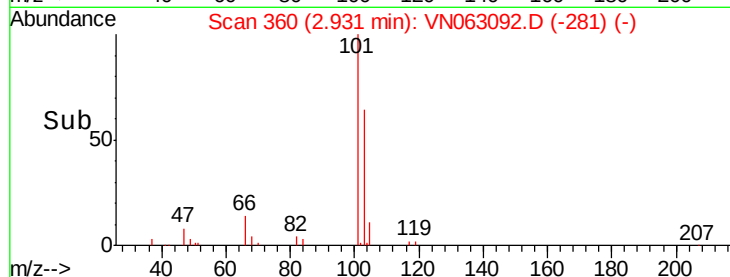
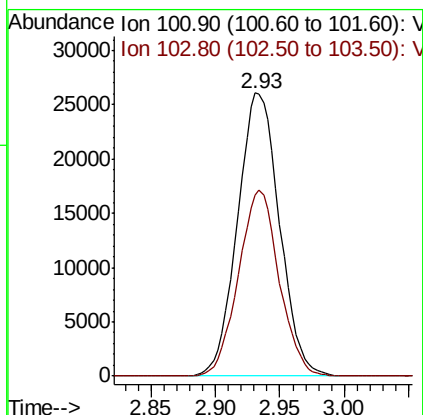
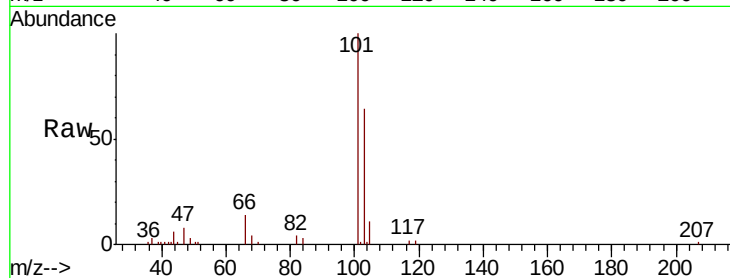


#7

Trichlorofluoromethane
 Concen: 20.903 ug/l
 RT: 2.93 min Scan# 360
 Delta R.T. -0.05 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

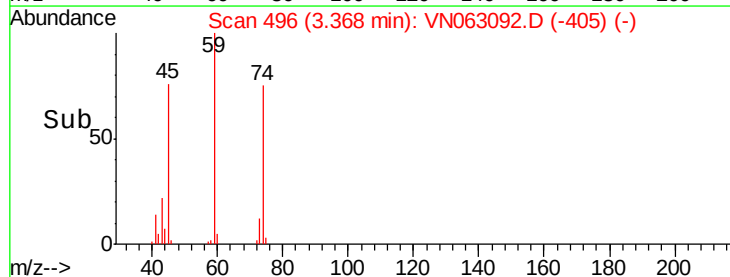
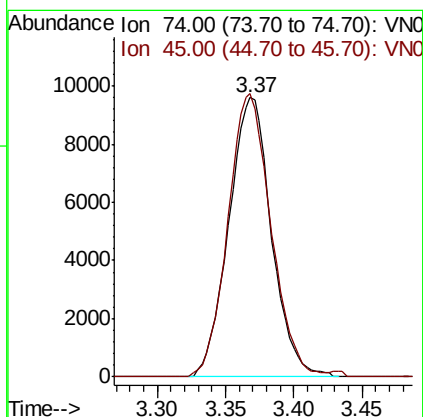
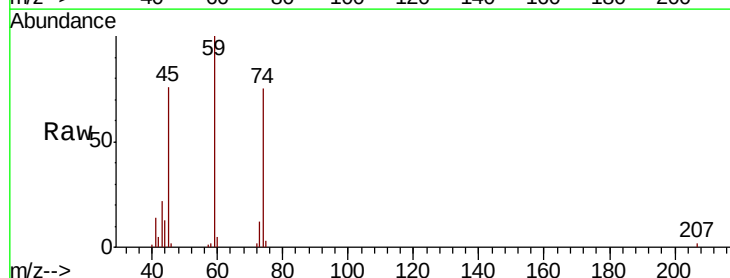
Tot Ion:101 Resp: 59061
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.5 75.7

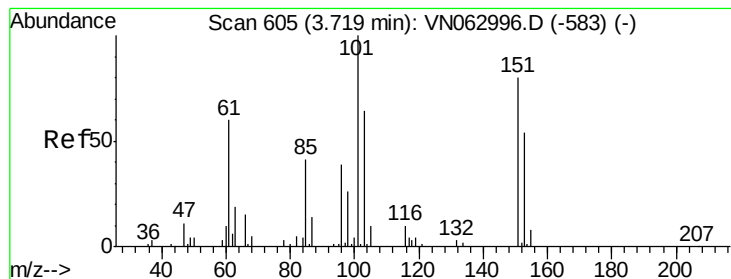


#8

Diethyl Ether
 Concen: 20.855 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 74 Resp: 20846
 Ion Ratio Lower Upper
 74 100
 45 102.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.319 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.03 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

VN0824WBS01

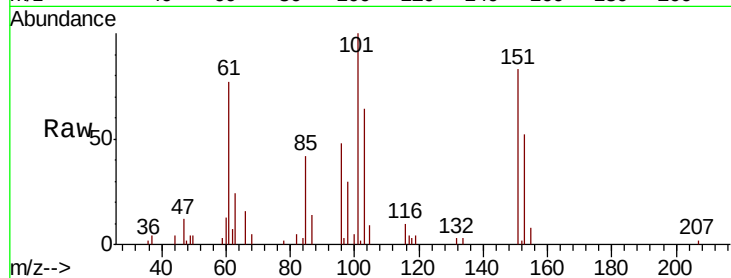
Tot Ion:101 Resp: 29413

Ion Ratio Lower Upper

101 100

85 43.4 34.0 51.0

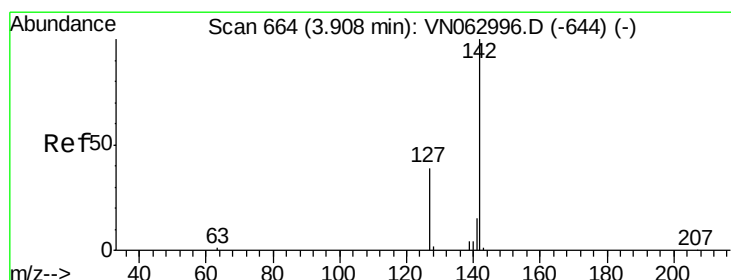
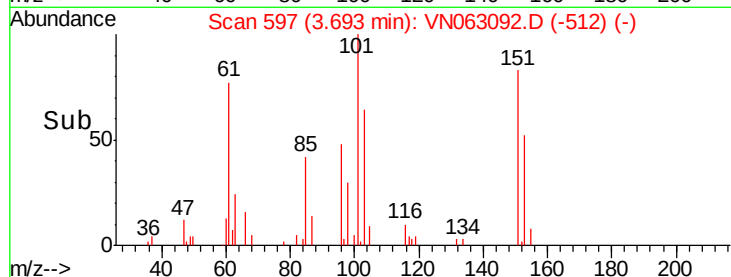
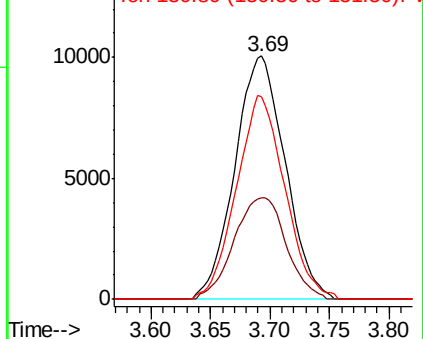
151 80.7 65.8 98.8



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: 18.080 ug/l

RT: 3.89 min Scan# 659

Delta R.T. -0.02 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

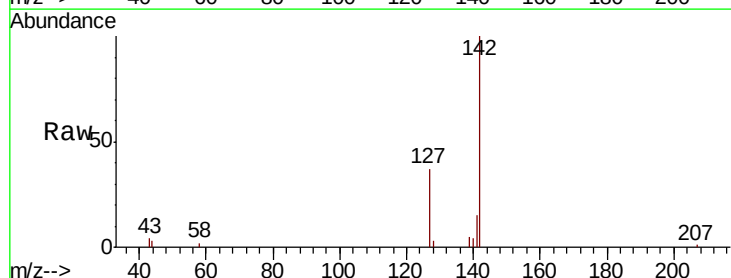
Tgt Ion:142 Resp: 34891

Ion Ratio Lower Upper

142 100

127 39.8 32.2 48.4

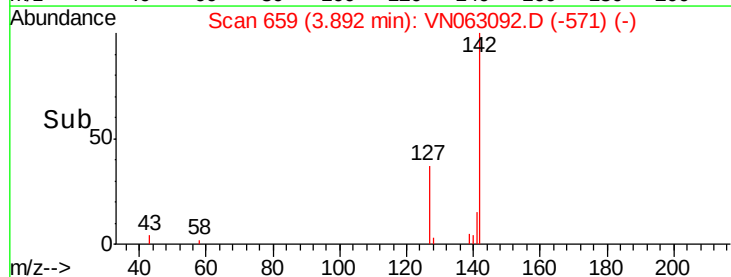
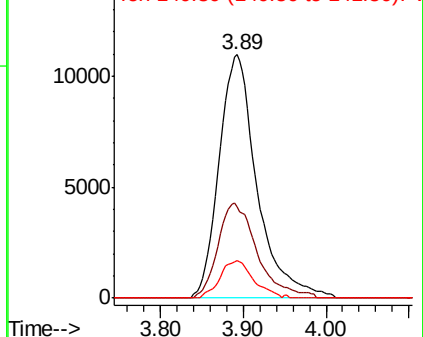
141 13.6 11.3 16.9

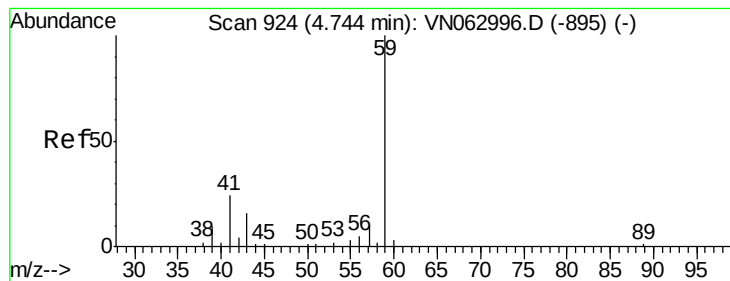


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



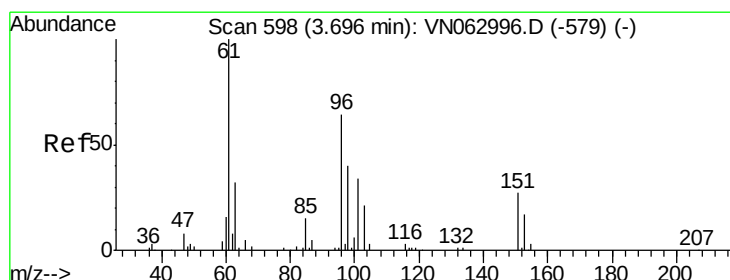
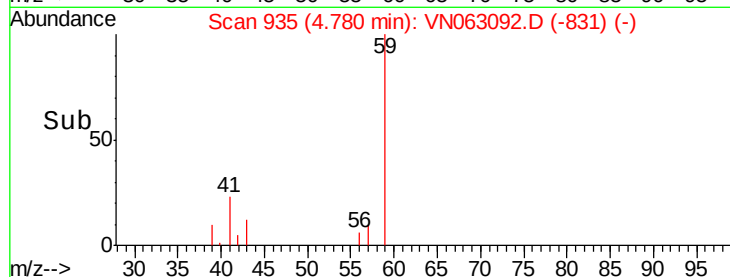
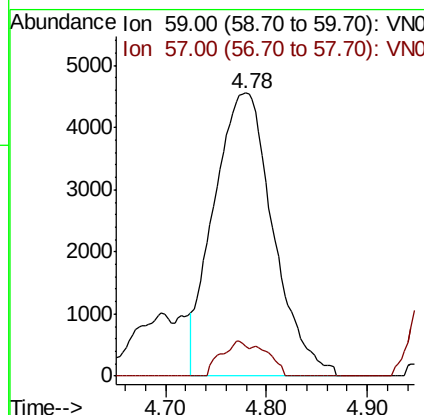
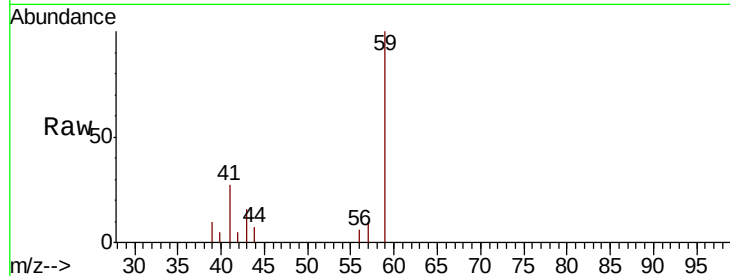


#11

Tert butyl alcohol
 Concen: 64.925 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.04 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

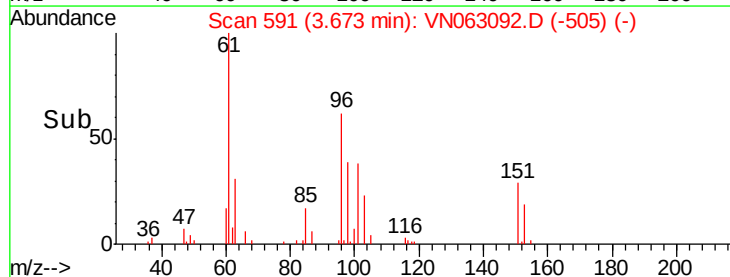
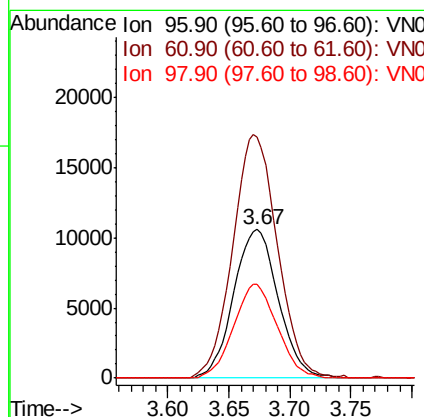
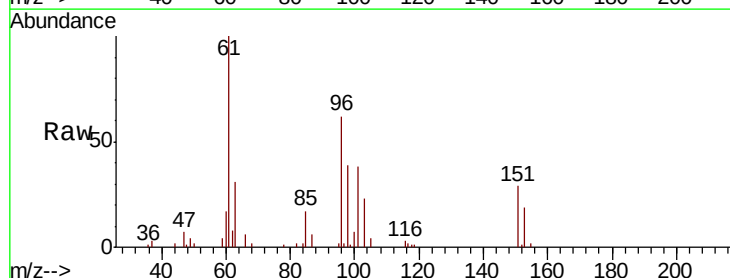
Tot Ion: 59 Resp: 18623
 Ion Ratio Lower Upper
 59 100
 57 5.6 7.8 11.6#

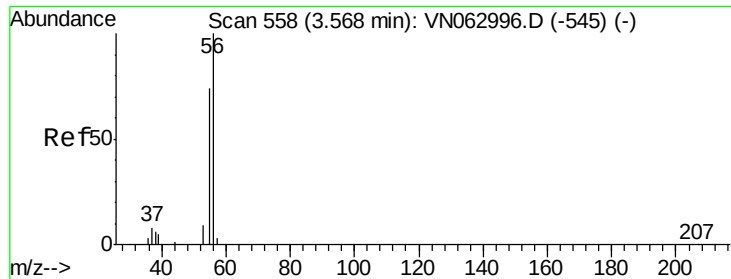


#12

1,1-Dichloroethene
 Concen: 18.515 ug/l
 RT: 3.67 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 96 Resp: 26854
 Ion Ratio Lower Upper
 96 100
 61 162.3 125.5 188.3
 98 63.1 50.4 75.6





#13

Acrolein

Concen: 25.595 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

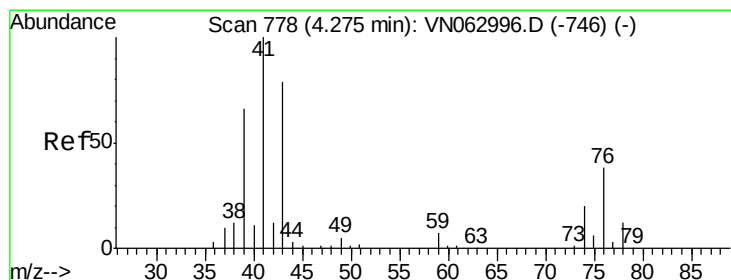
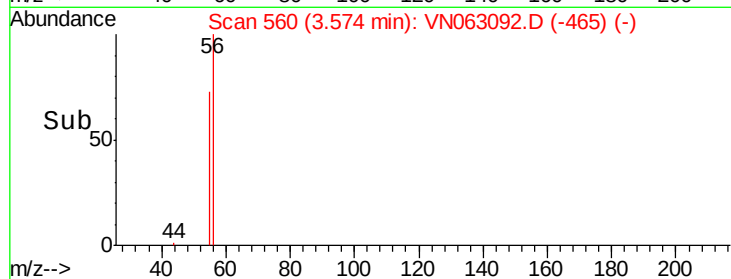
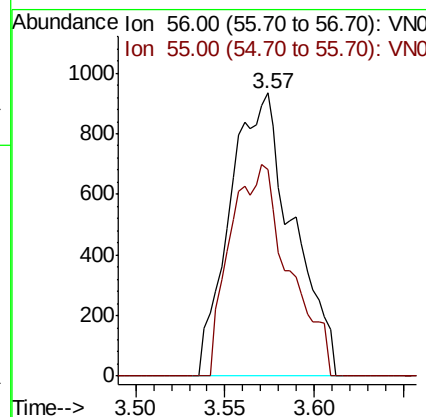
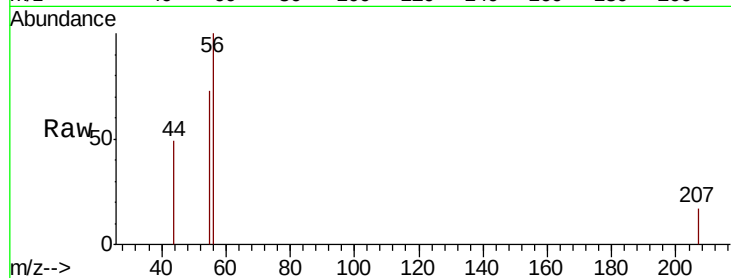
VN0824WBS01

Tot Ion: 56 Resp: 2300

Ion Ratio Lower Upper

56 100

55 69.7 58.4 87.6



#14

Allyl chloride

Concen: 19.293 ug/l

RT: 4.26 min Scan# 773

Delta R.T. -0.02 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

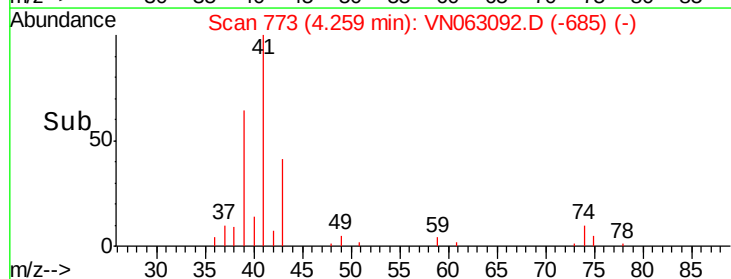
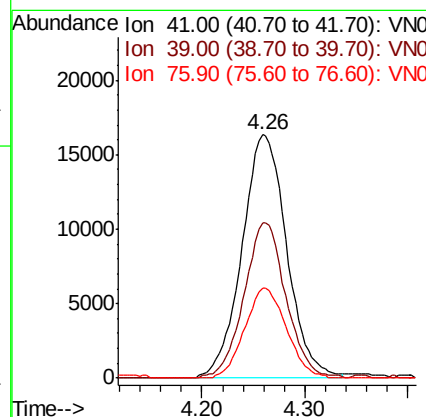
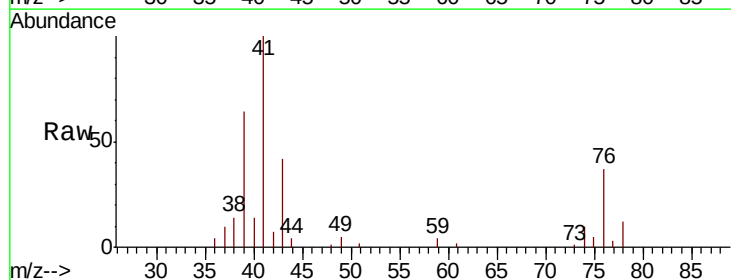
Tgt Ion: 41 Resp: 49337

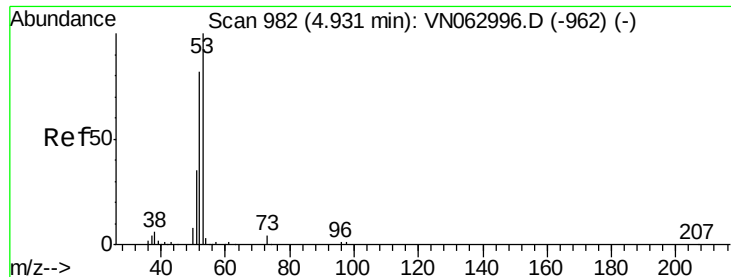
Ion Ratio Lower Upper

41 100

39 59.6 47.9 71.9

76 34.4 27.0 40.6





#15

Acrylonitrile

Concen: 108.552 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

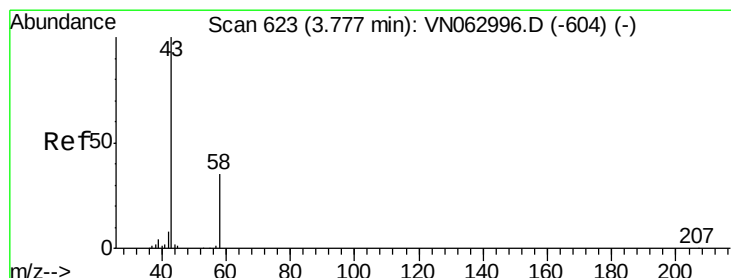
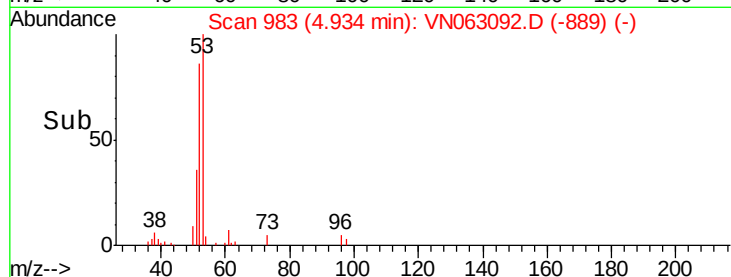
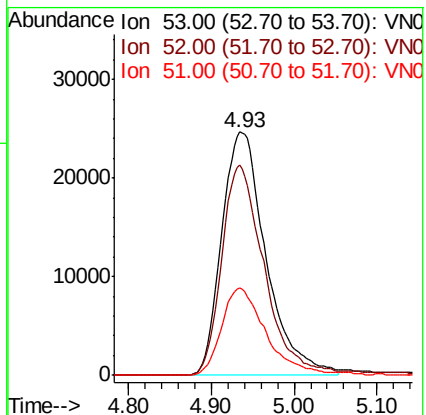
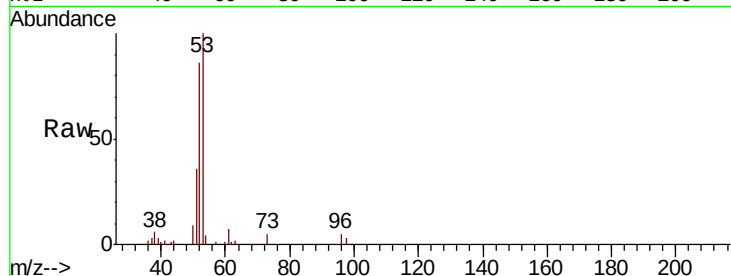
Tot Ion: 53 Resp: 91518

Ion Ratio Lower Upper

53 100

52 82.5 65.6 98.4

51 36.0 28.2 42.4



#16

Acetone

Concen: 101.132 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063092.D

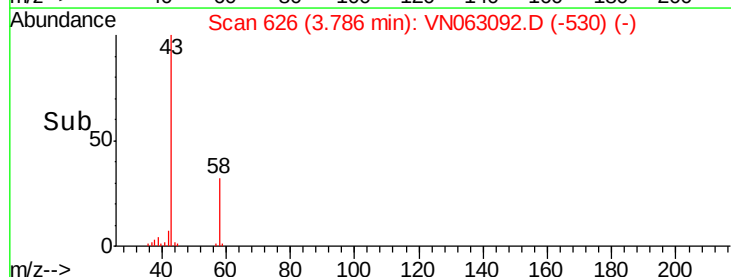
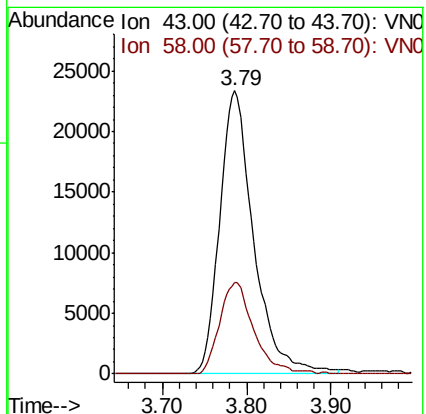
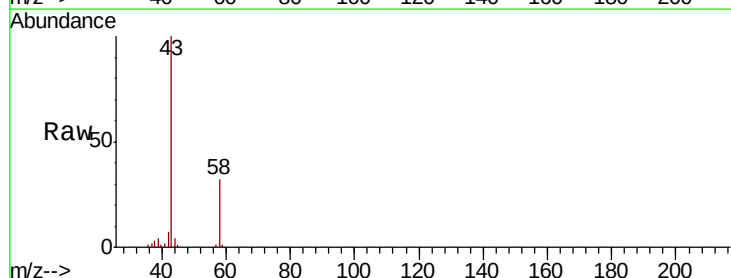
Acq: 24 Aug 2020 13:51

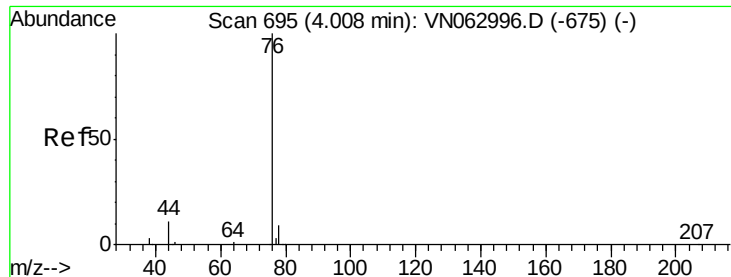
Tgt Ion: 43 Resp: 65339

Ion Ratio Lower Upper

43 100

58 32.2 27.8 41.6





#17

Carbon Disulfide

Concen: 17.402 ug/l

RT: 3.99 min Scan# 688

Delta R.T. -0.02 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

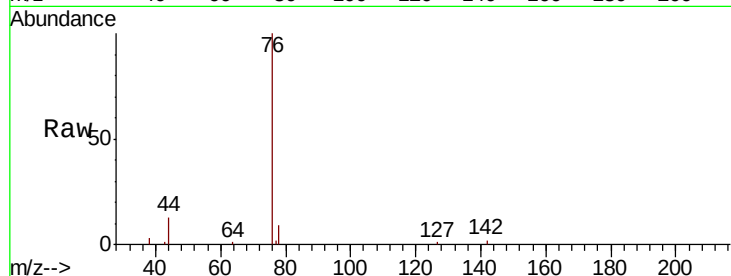
VN0824WBS01

Tot Ion: 76 Resp: 66099

Ion Ratio Lower Upper

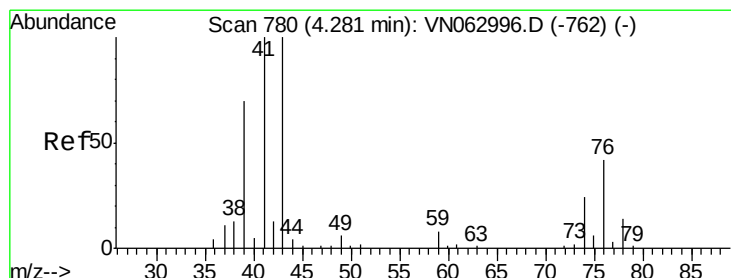
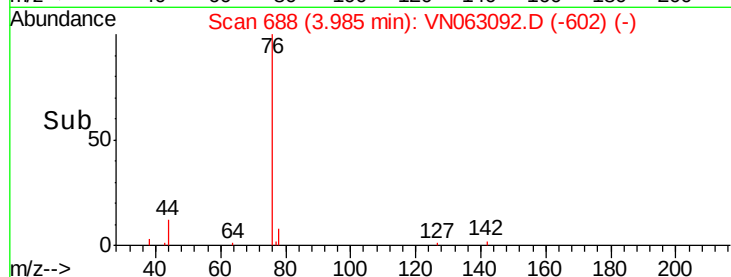
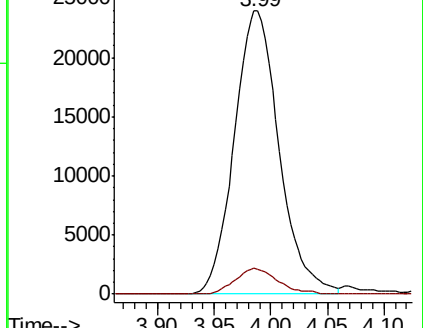
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VN062996.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN062996.D (-675) (-)



#18

Methyl Acetate

Concen: 21.851 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN063092.D

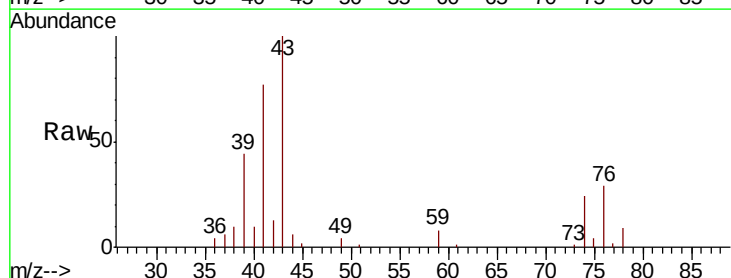
Acq: 24 Aug 2020 13:51

Tgt Ion: 43 Resp: 43973

Ion Ratio Lower Upper

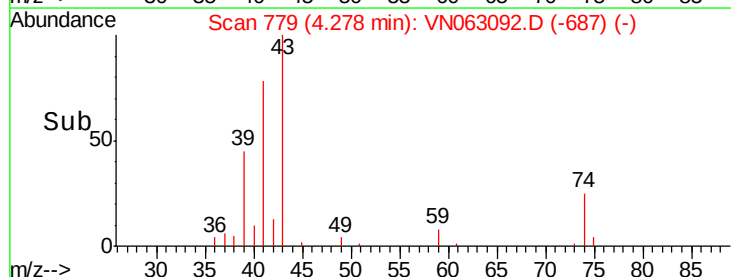
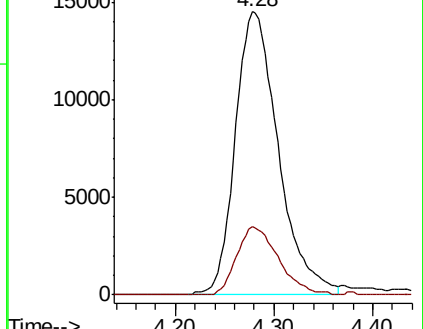
43 100

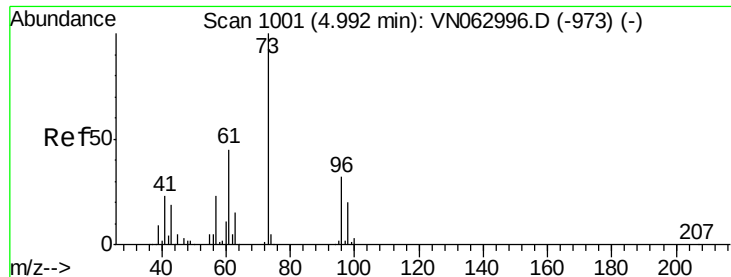
74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-762) (-)

Ion 74.00 (73.70 to 74.70): VN062996.D (-762) (-)

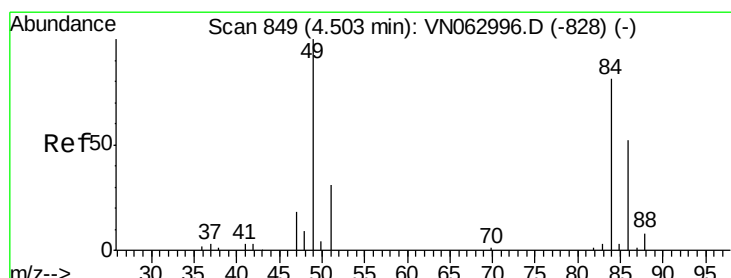
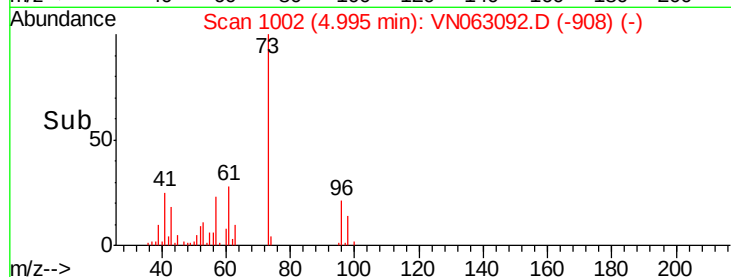
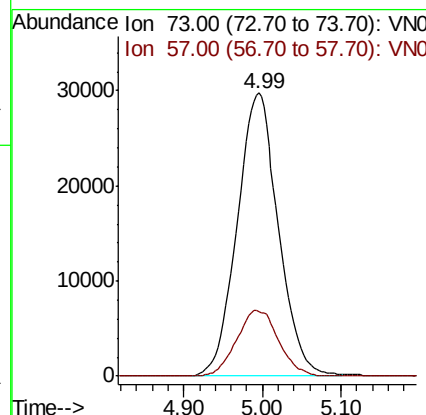
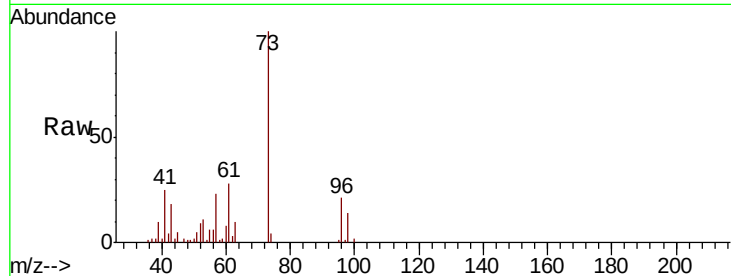




#19
Methyl tert-butyl Ether
Concen: 21.540 ug/l
RT: 4.99 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

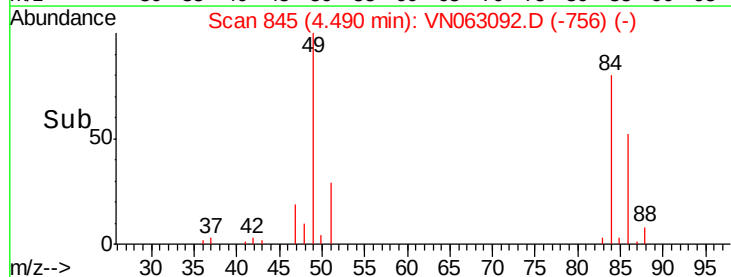
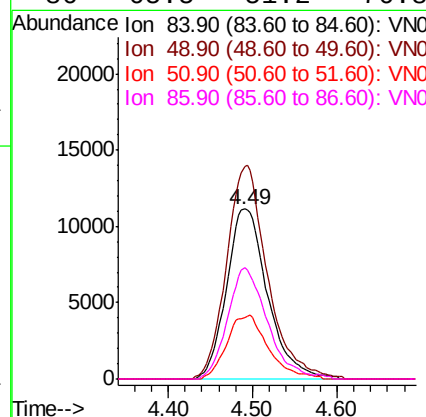
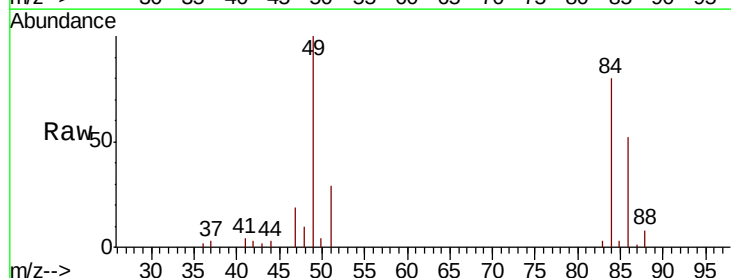
Instrument :
MSVOA_N
ClientSampled :
VN0824WBS01

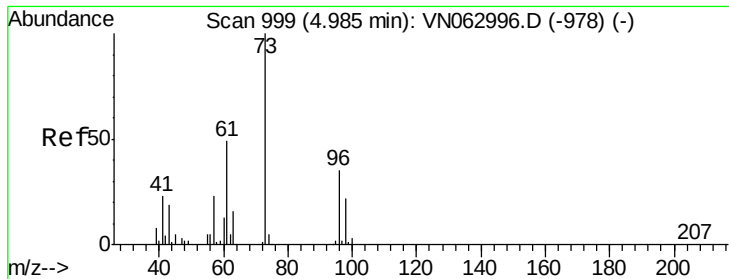
Tot Ion: 73 Resp: 108948
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1



#20
Methylene Chloride
Concen: 20.380 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 84 Resp: 37799
Ion Ratio Lower Upper
84 100
49 125.0 98.7 148.1
51 36.3 30.8 46.2
86 65.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.603 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

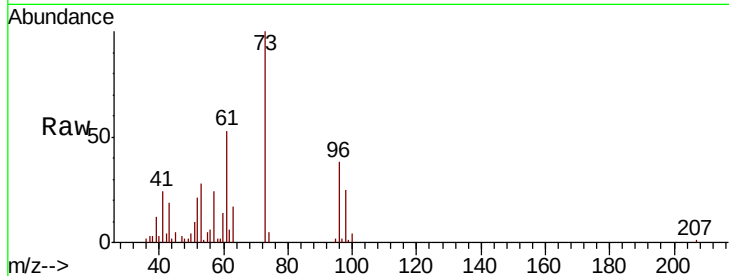
Tot Ion: 96 Resp: 29754

Ion Ratio Lower Upper

96 100

61 140.4 112.5 168.7

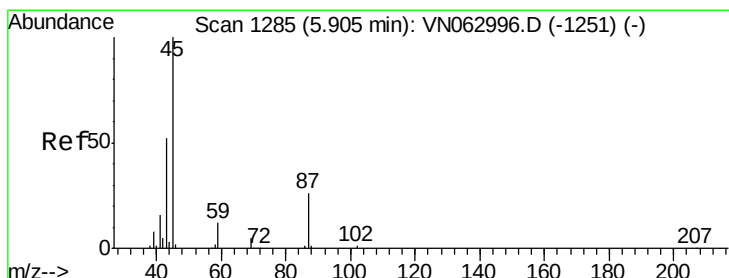
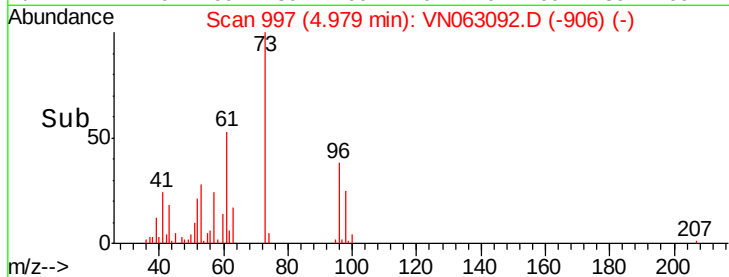
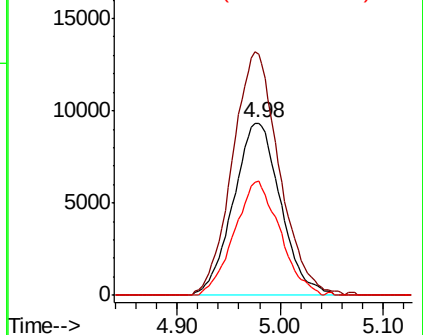
98 66.3 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN063092.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN063092.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN063092.D (-906) (-)



#22

Diisopropyl ether

Concen: 21.976 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Tgt Ion: 45 Resp: 127530

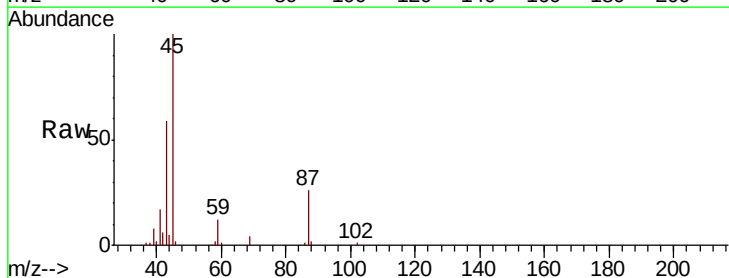
Ion Ratio Lower Upper

45 100

43 56.5 45.7 68.5

87 26.0 21.8 32.6

59 11.6 9.3 13.9

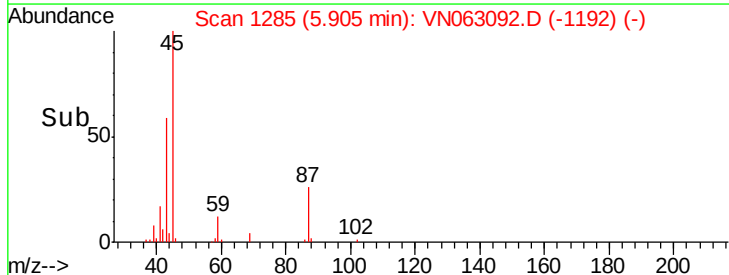
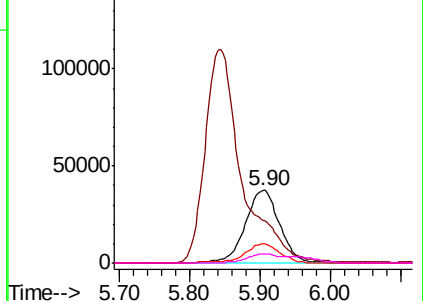


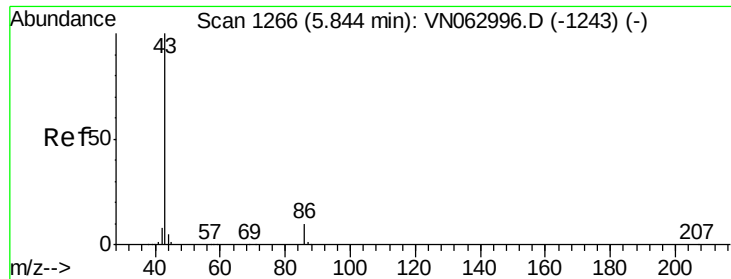
Abundance Ion 45.00 (44.70 to 45.70): VN063092.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN063092.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN063092.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN063092.D (-1192) (-)

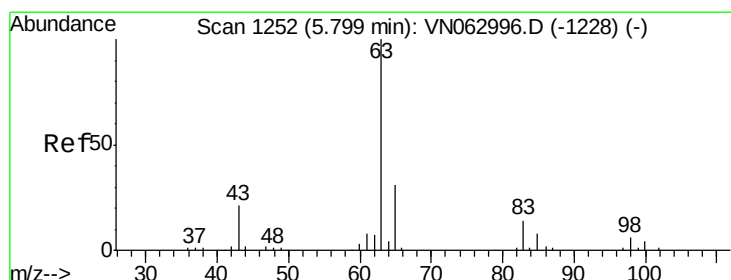
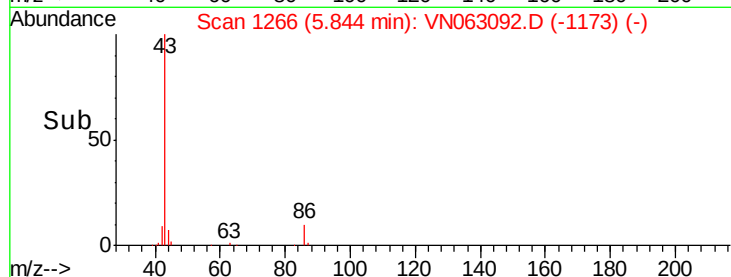
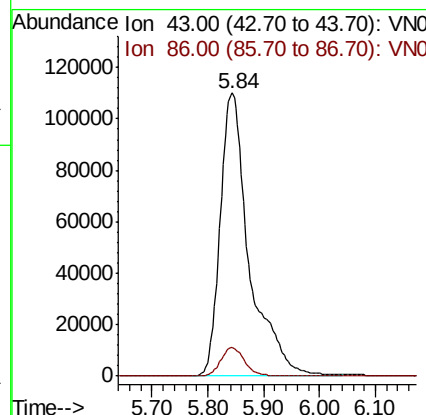
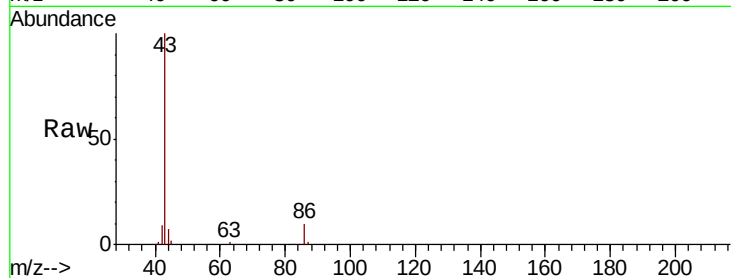




#23
 Vinyl Acetate
 Concen: 102.112 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

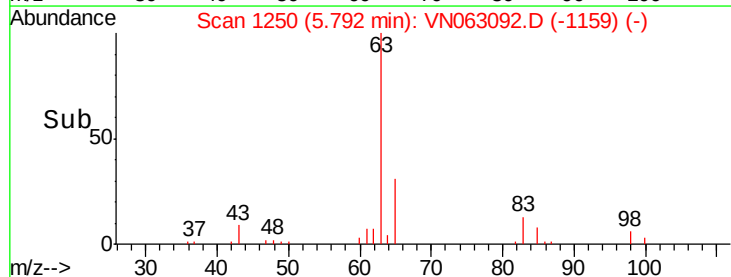
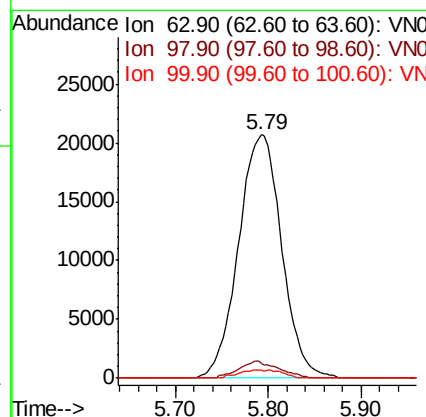
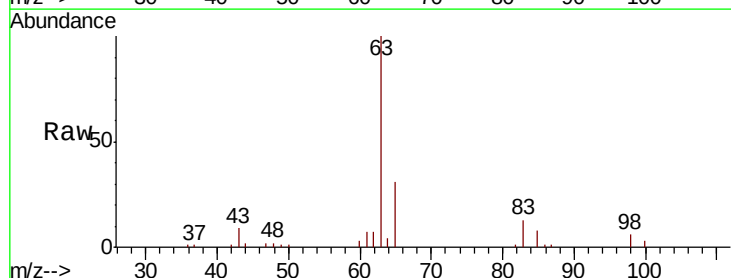
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

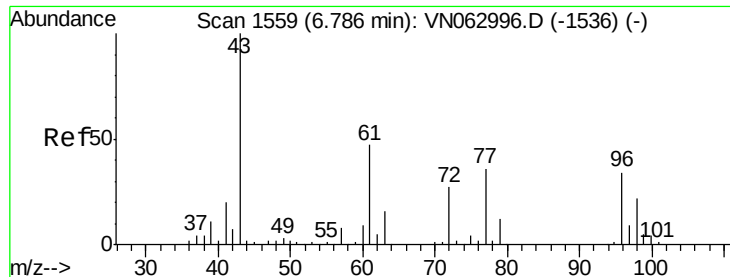
Tot Ion: 43 Resp: 399870
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.595 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 63 Resp: 66786
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.7
 100 3.1 2.0 5.8





#25

2-Butanone

Concen: 98.922 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

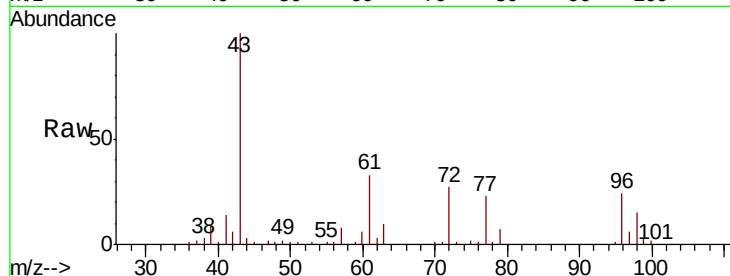
VN0824WBS01

Tot Ion: 43 Resp: 106352

Ion Ratio Lower Upper

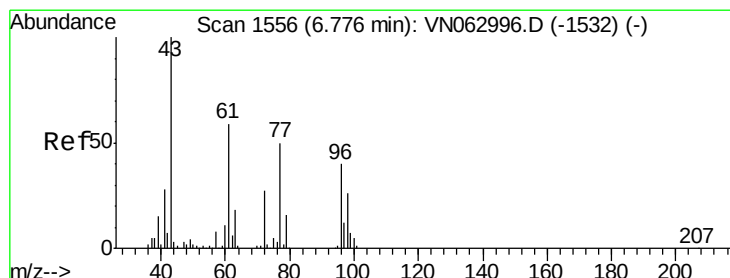
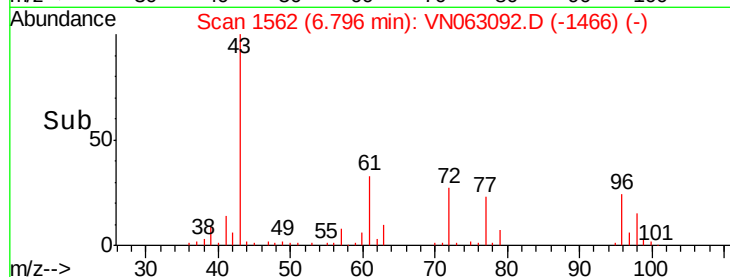
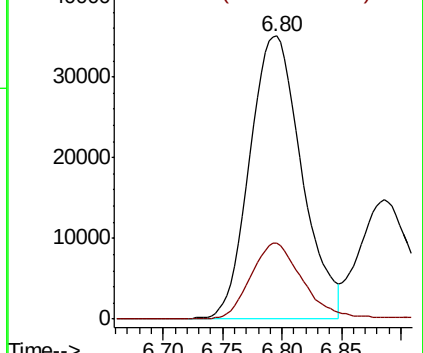
43 100

72 27.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.401 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN063092.D

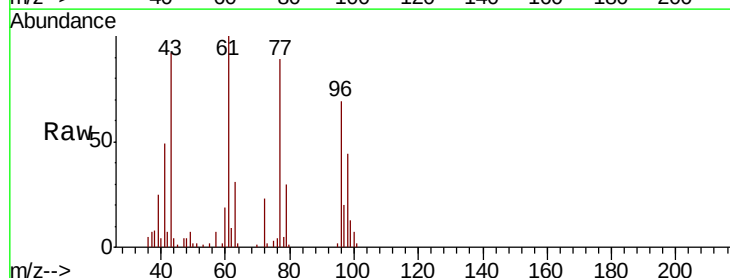
Acq: 24 Aug 2020 13:51

Tgt Ion: 77 Resp: 52028

Ion Ratio Lower Upper

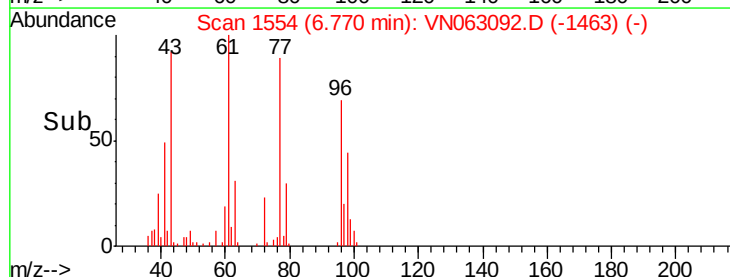
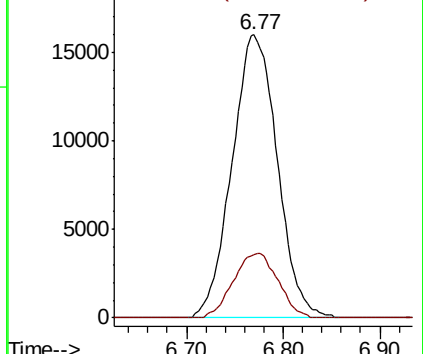
77 100

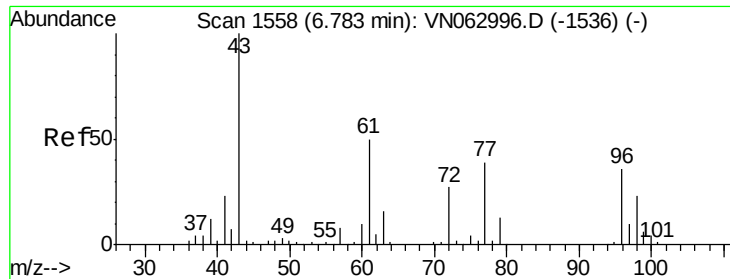
97 22.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

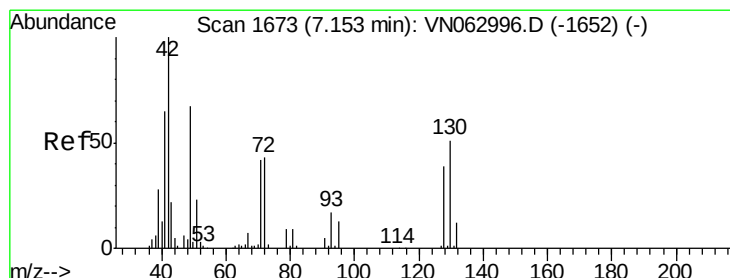
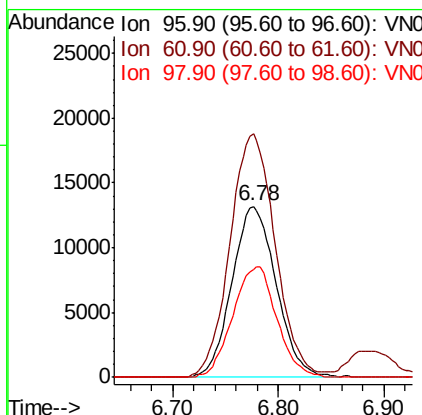
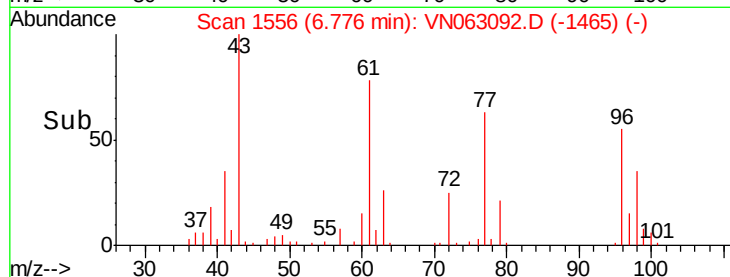
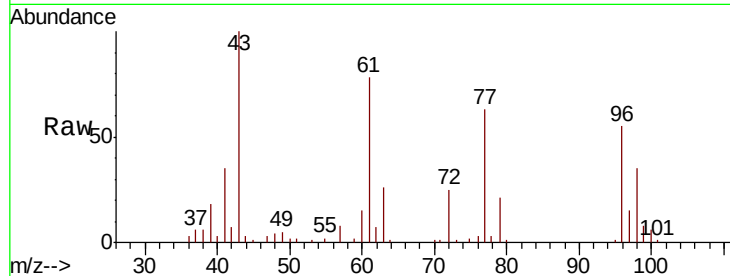




#27
 cis-1,2-Dichloroethene
 Concen: 20.207 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

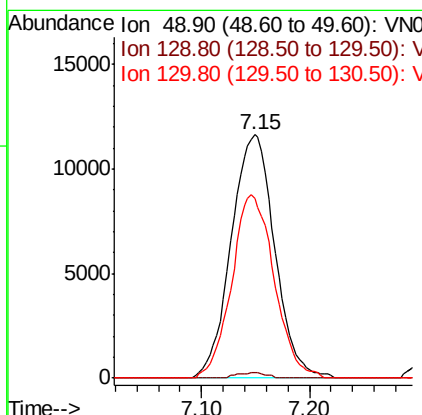
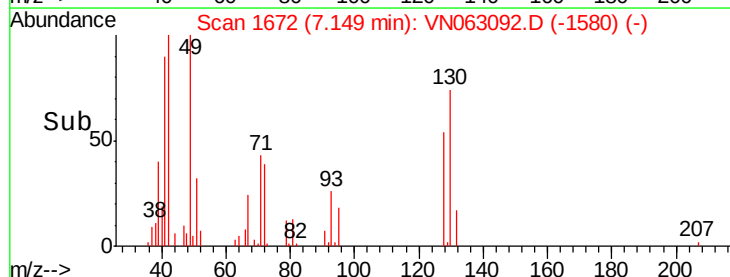
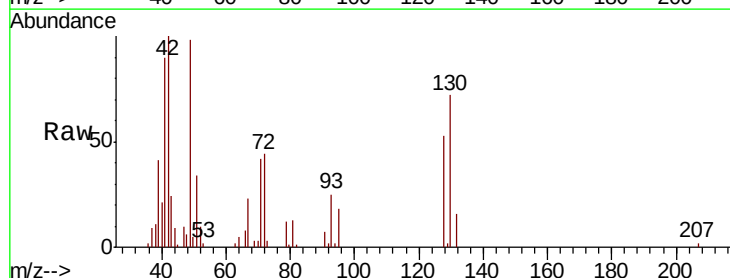
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

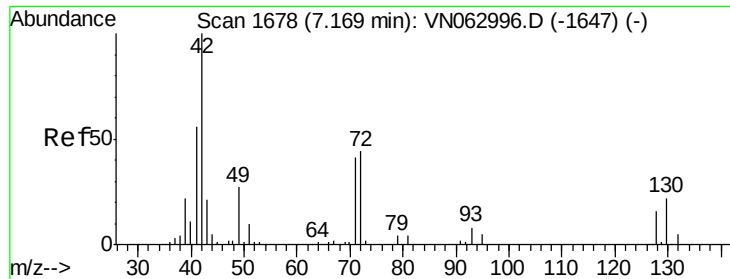
Tot Ion: 96 Resp: 38442
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 292.8
 98 64.4 0.0 130.6



#28
 Bromochloromethane
 Concen: 19.255 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 49 Resp: 32670
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 73.5 61.1 91.7

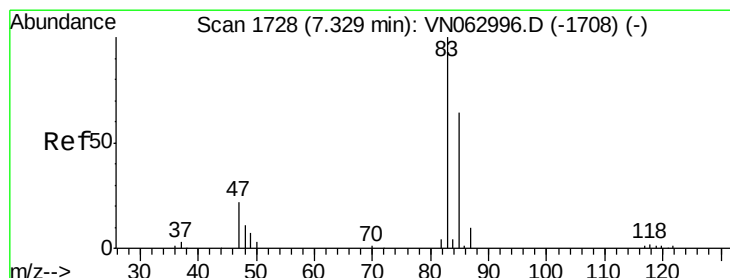
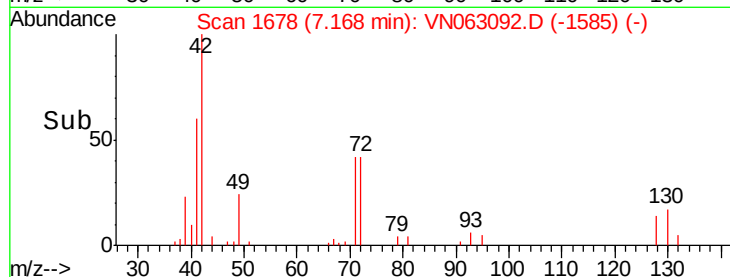
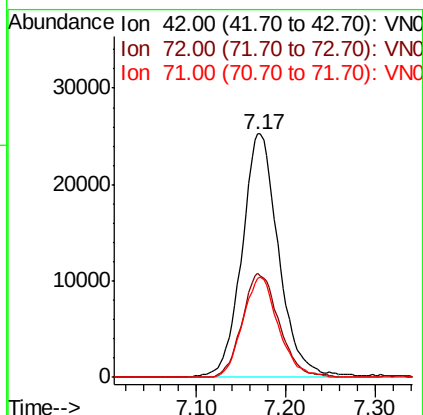
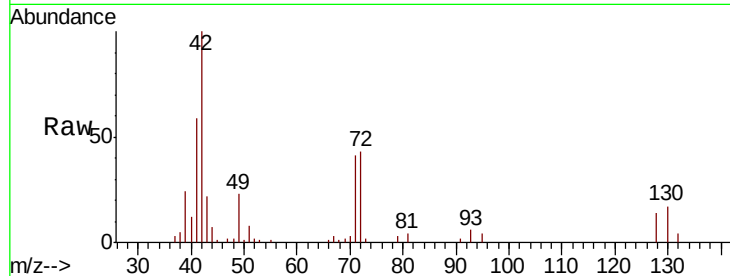




#29
Tetrahydrofuran
Concen: 104.033 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

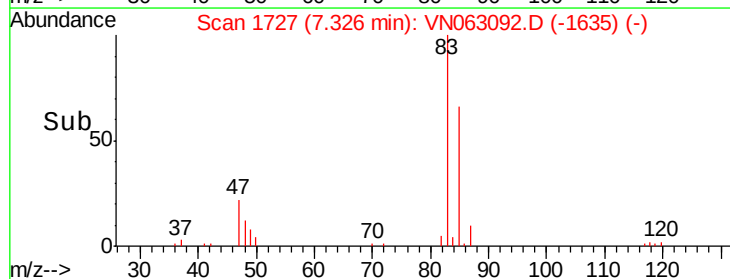
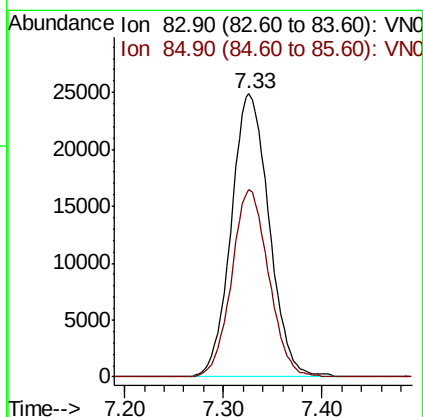
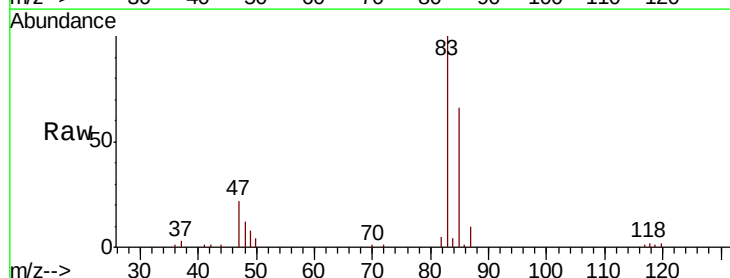
Instrument :
MSVOA_N
ClientSampled :
VN0824WBS01

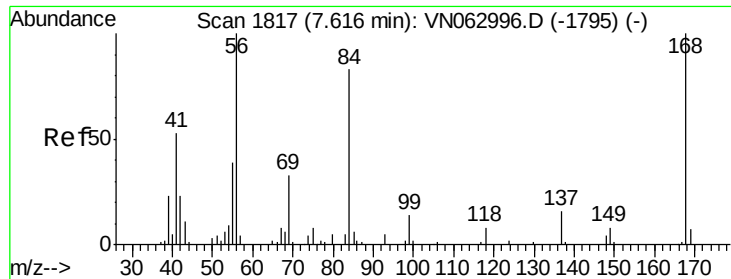
Tot Ion: 42 Resp: 72186
Ion Ratio Lower Upper
42 100
72 43.0 34.6 52.0
71 40.1 32.3 48.5



#30
Chloroform
Concen: 20.346 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 83 Resp: 66449
Ion Ratio Lower Upper
83 100
85 66.3 51.5 77.3

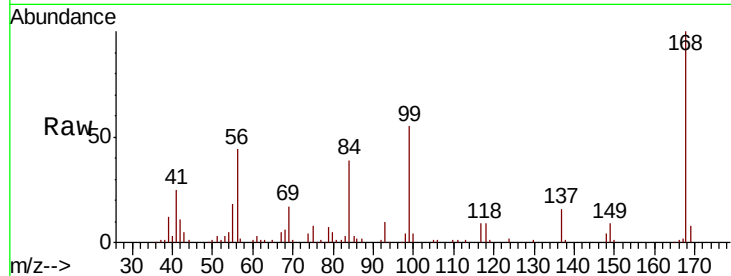




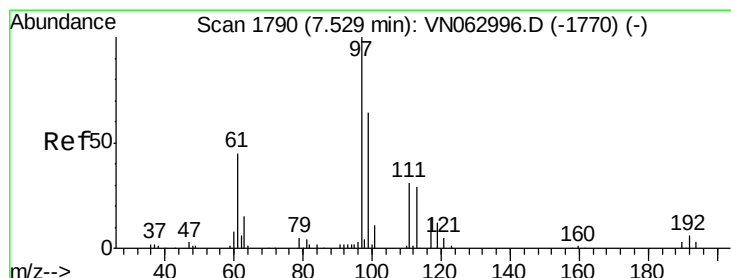
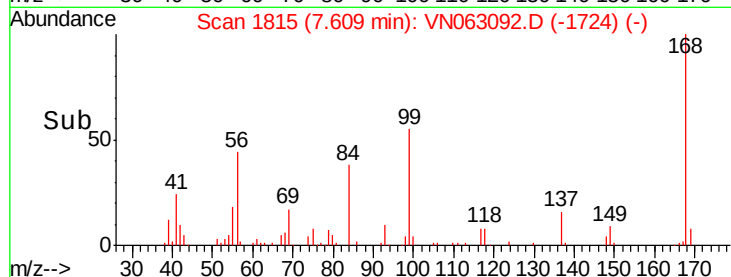
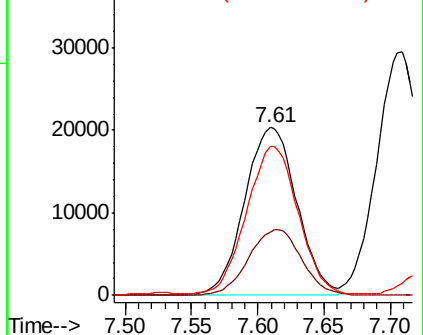
#31
Cyclohexane
Concen: 18.810 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Instrument :
MSVOA_N
ClientSampled :
VN0824WBS01

Tot Ion: 56 Resp: 56141
Ion Ratio Lower Upper
56 100
69 37.9 26.6 40.0
84 87.8 66.4 99.6

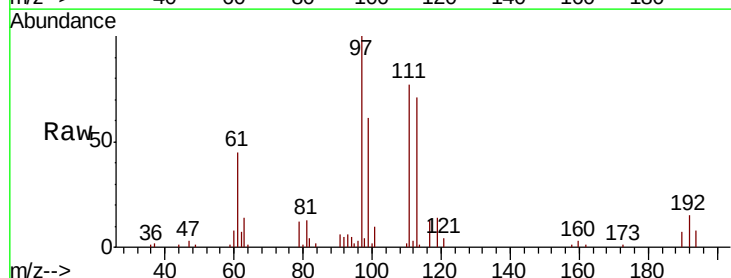


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

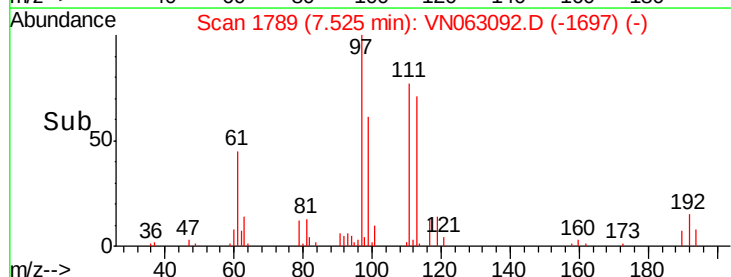
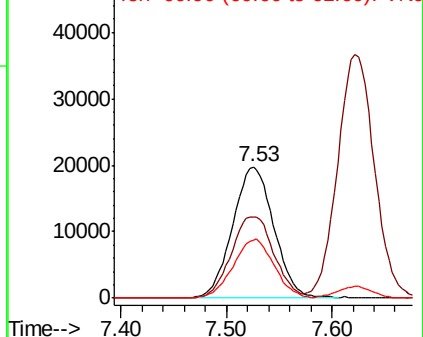


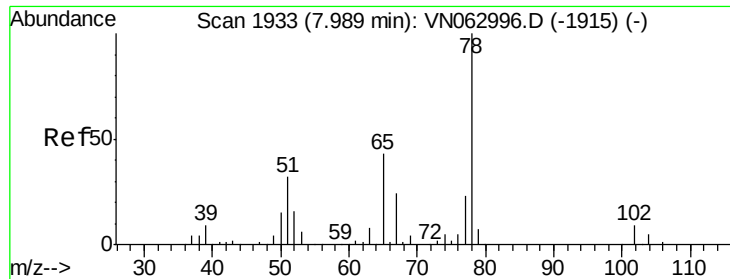
#32
1,1,1-Trichloroethane
Concen: 20.133 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 97 Resp: 53679
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 44.7 36.2 54.4



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

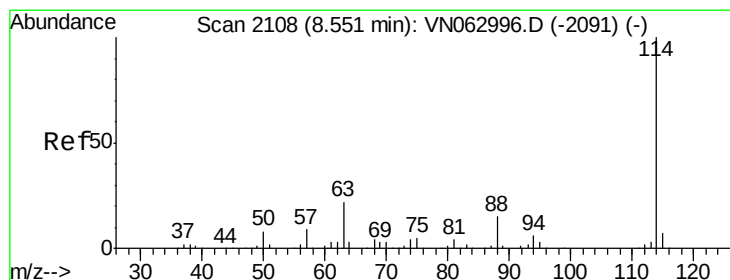
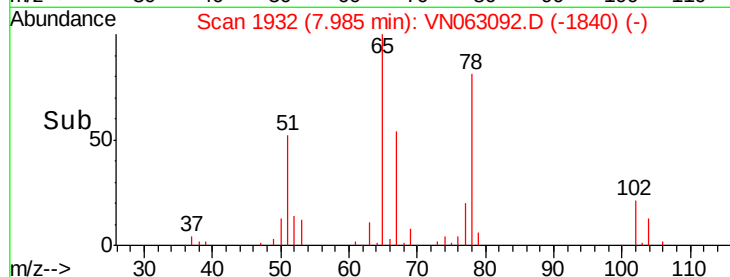
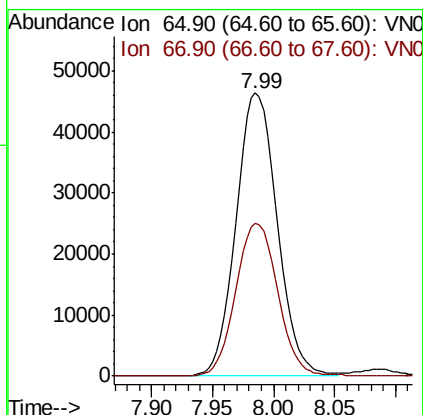
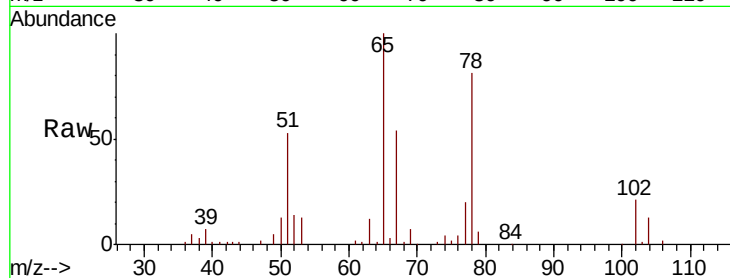




#33
 1,2-Dichloroethane-d4
 Concen: 53.581 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

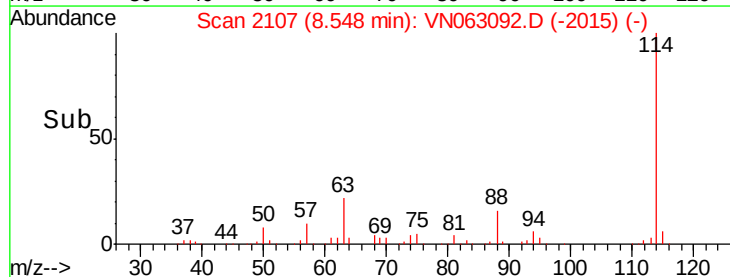
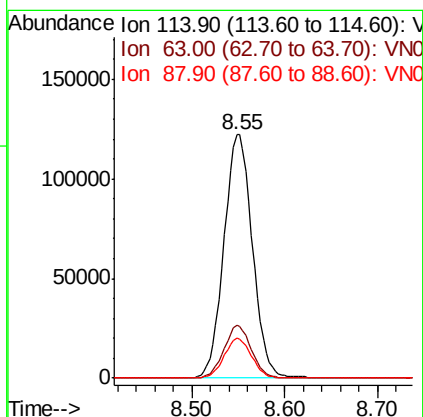
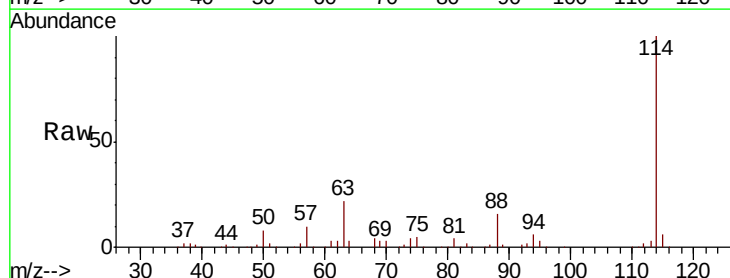
Instrument :
 MSVOA_N
 ClientSampled :
 VN0824WBS01

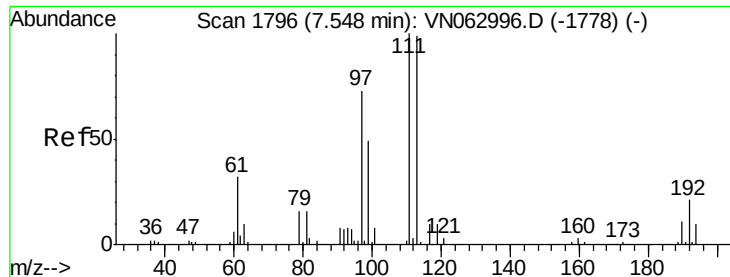
Tot Ion: 65 Resp: 108504
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 114 Resp: 260169
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.2 0.0 30.6

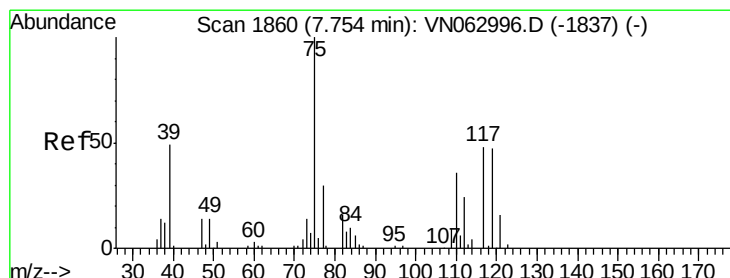
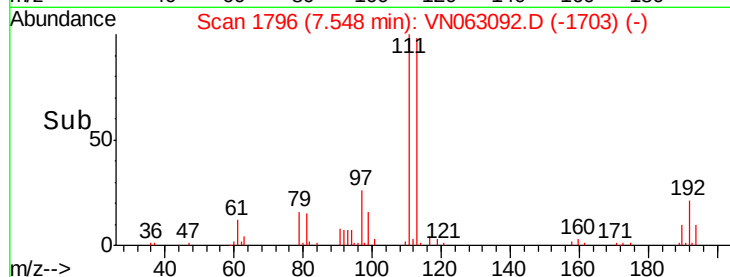
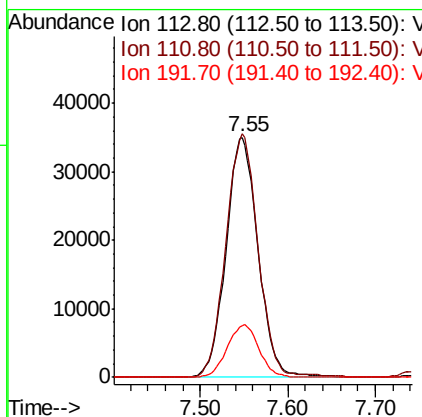
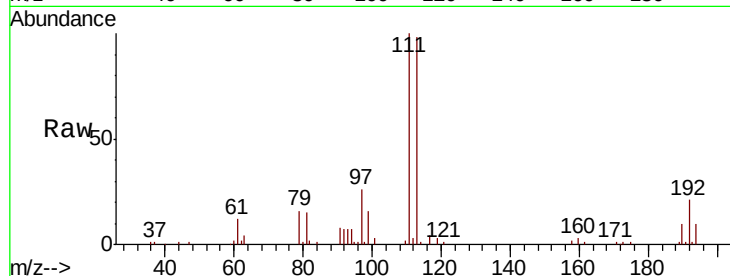




#35
 Dibromofluoromethane
 Concen: 52.285 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

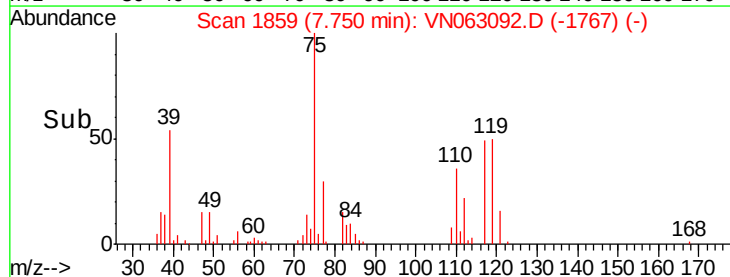
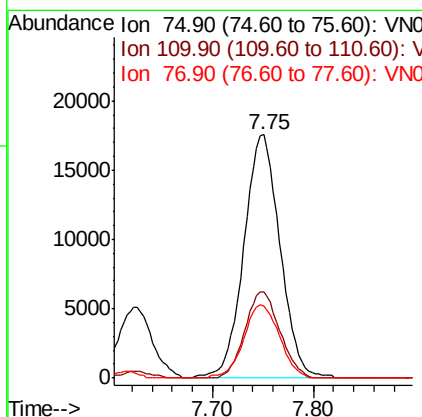
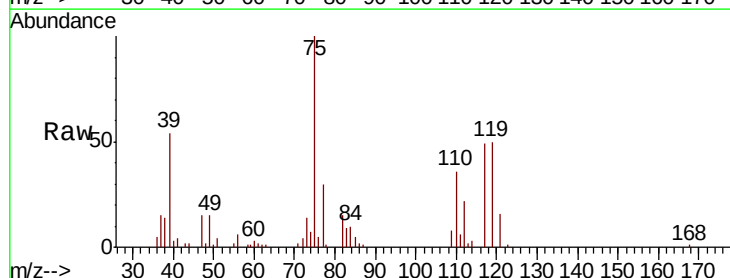
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

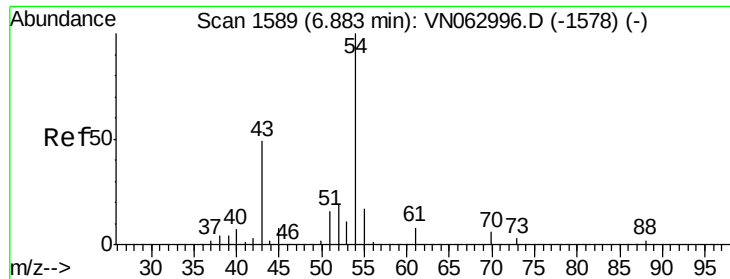
Tot Ion:113 Resp: 88637
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 21.7 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 19.037 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 75 Resp: 43646
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.5 52.6
 77 29.7 24.2 36.4

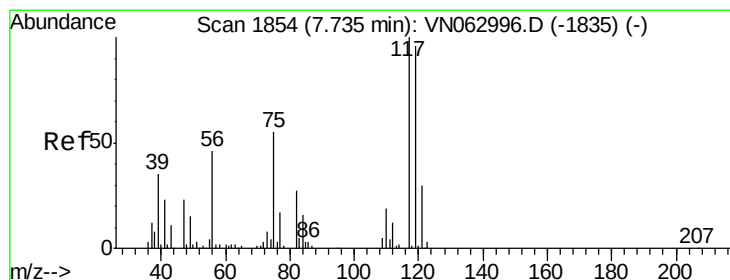
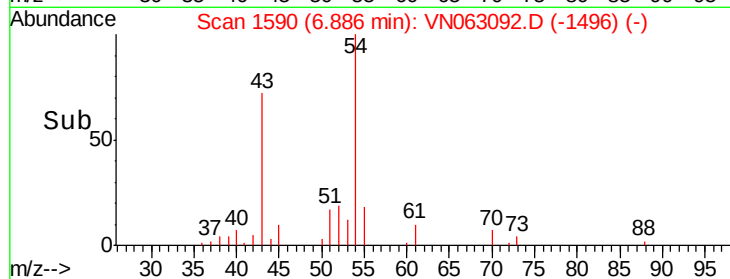
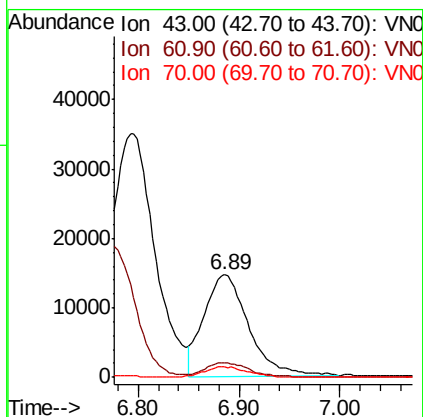
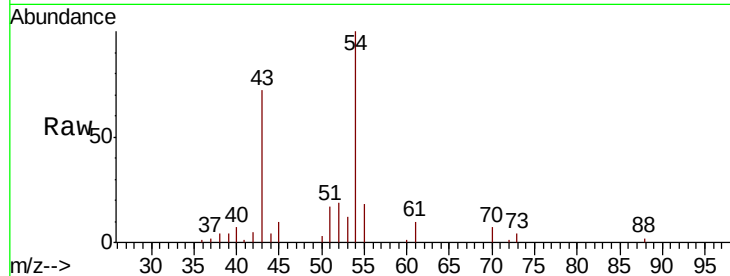




#37
Ethyl Acetate
Concen: 20.810 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

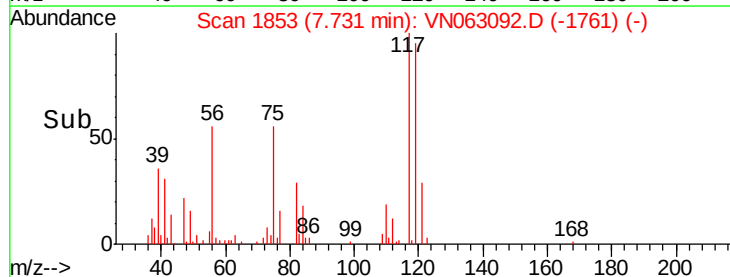
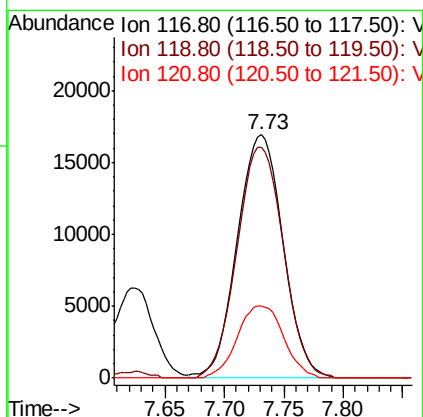
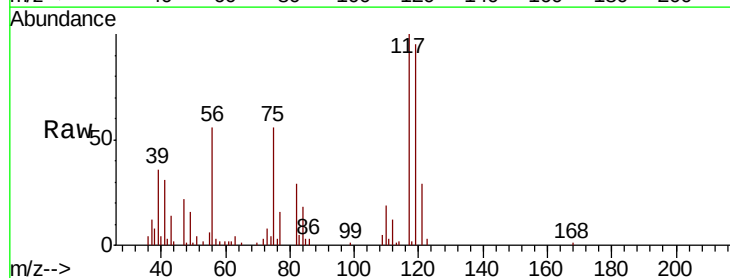
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

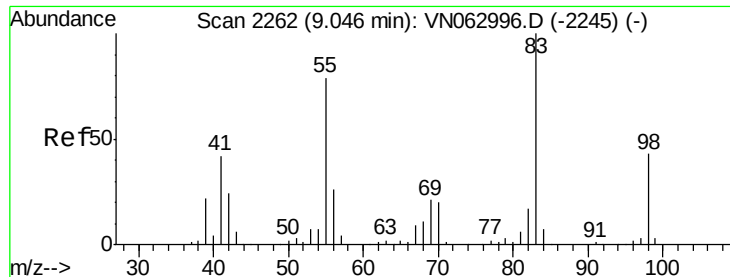
Tot Ion: 43 Resp: 44706
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 9.9 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.519 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 117 Resp: 45181
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4
121 29.5 24.2 36.2

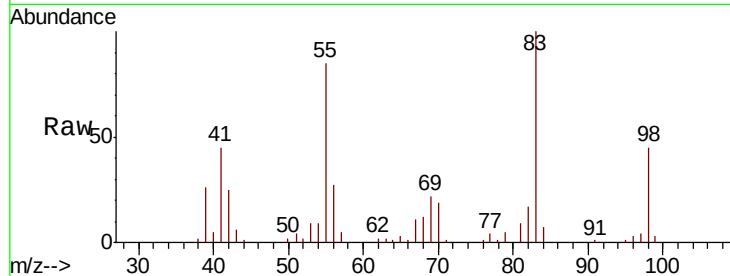




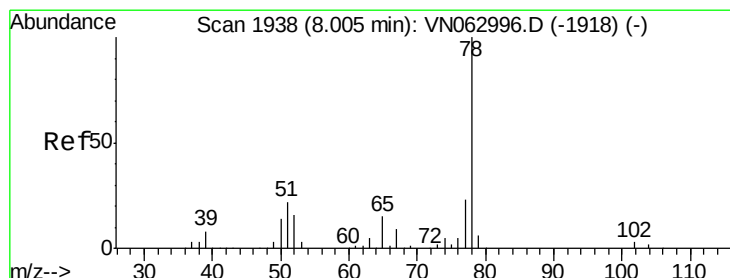
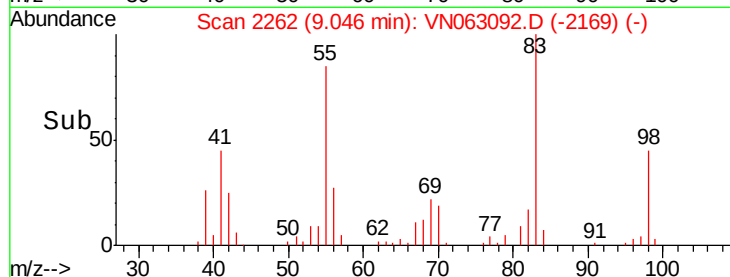
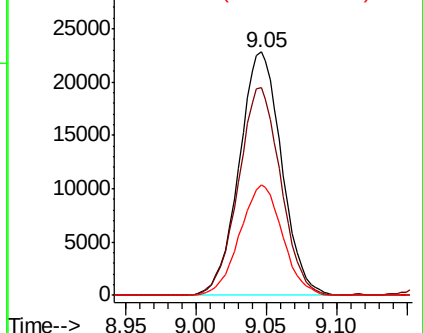
#39
Methylvlcyclohexane
Concen: 16.593 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tot Ion: 83 Resp: 48026
Ion Ratio Lower Upper
83 100
55 85.3 63.3 94.9
98 45.1 34.2 51.4

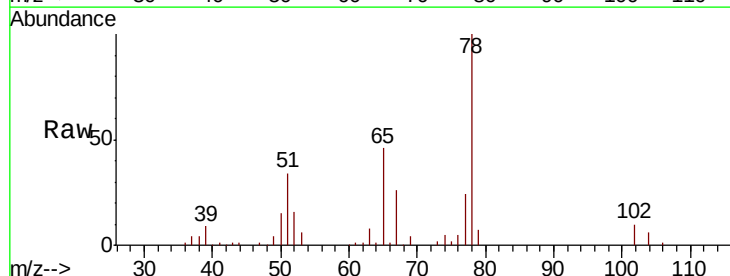


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

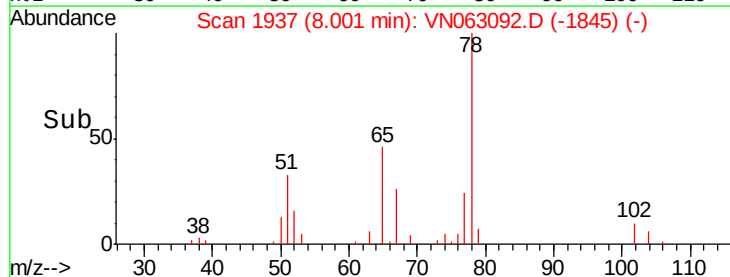
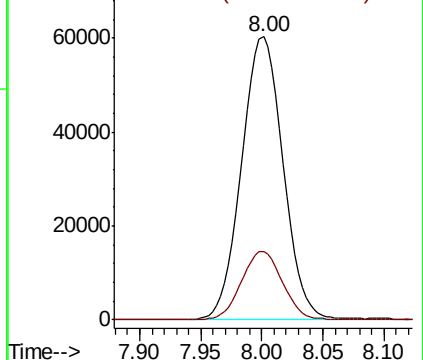


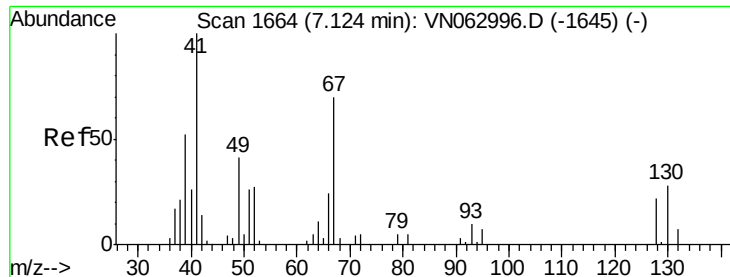
#40
Benzene
Concen: 19.539 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 78 Resp: 142086
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2



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

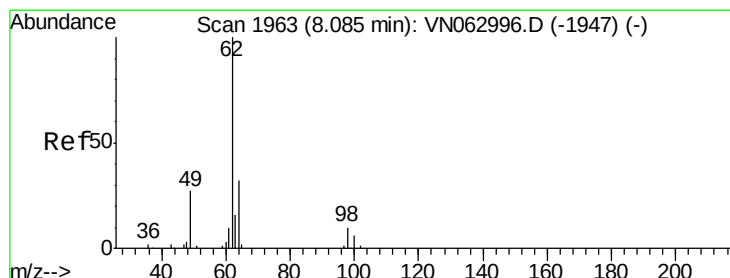
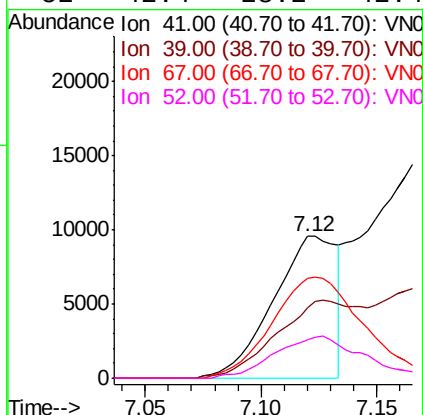
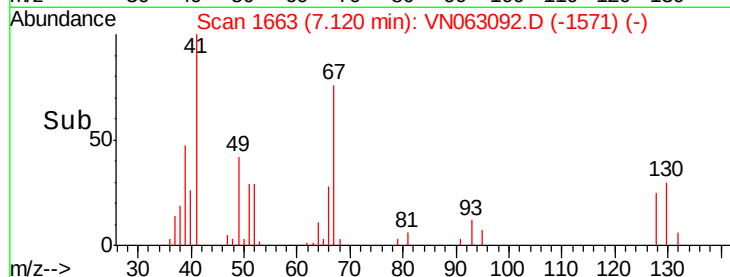
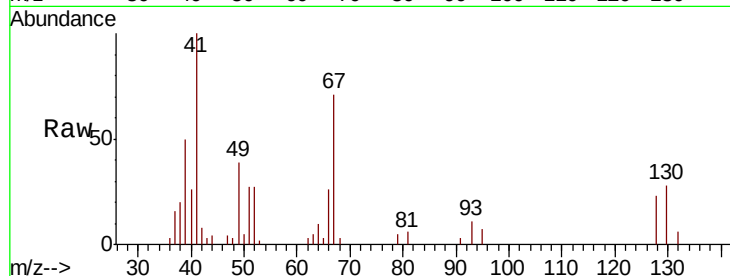




#41
Methacrylonitrile
Concen: 17.811 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

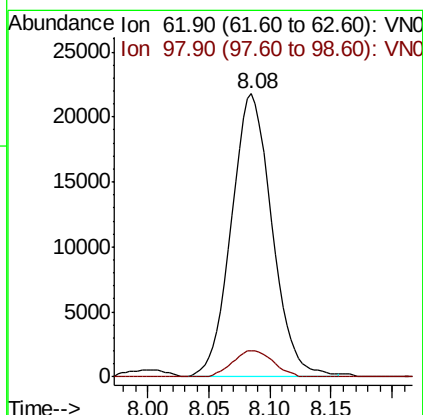
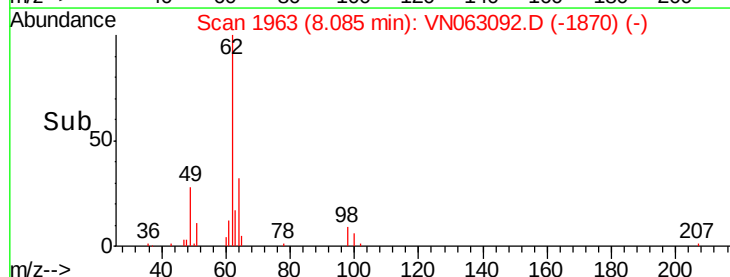
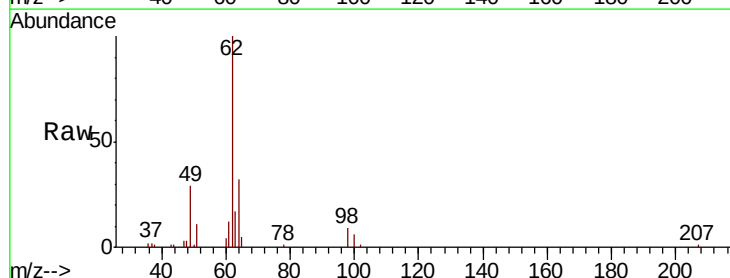
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

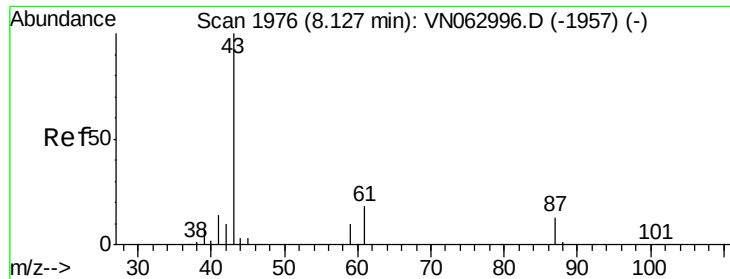
Tot Ion: 41 Resp: 18231
Ion Ratio Lower Upper
41 100
39 73.5 41.6 62.4#
67 104.7 71.8 107.8
52 42.4 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 20.622 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 62 Resp: 50353
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 20.571 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

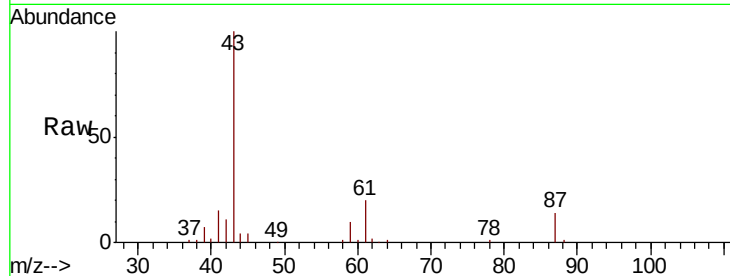
Tot Ion: 43 Resp: 73216

Ion Ratio Lower Upper

43 100

61 20.7 22.6 33.8#

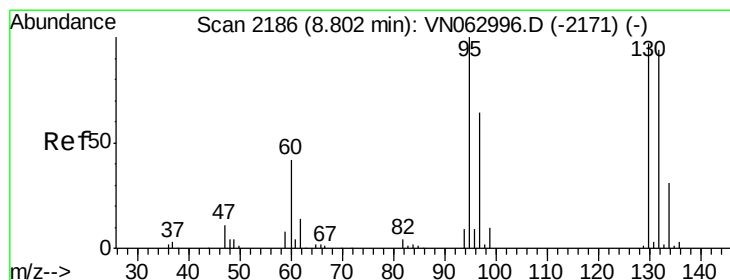
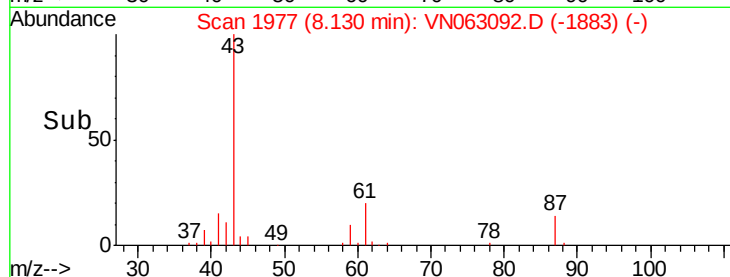
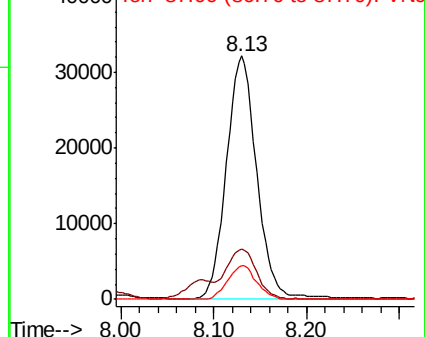
87 13.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 19.144 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063092.D

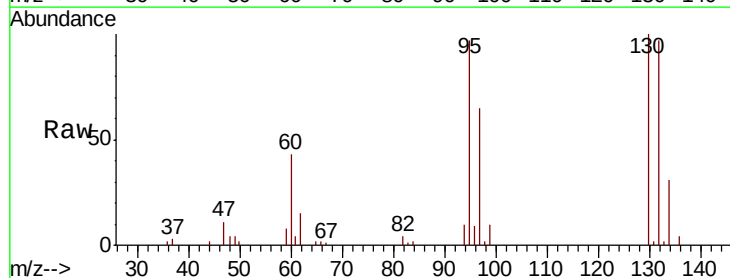
Acq: 24 Aug 2020 13:51

Tgt Ion:130 Resp: 34628

Ion Ratio Lower Upper

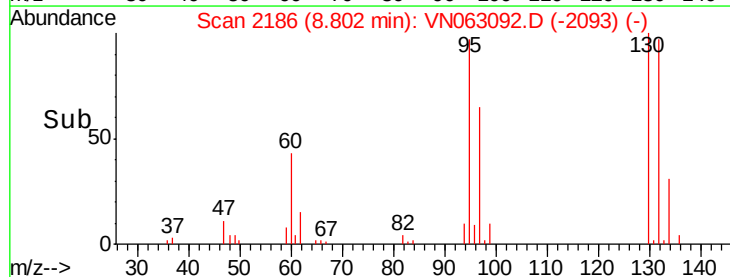
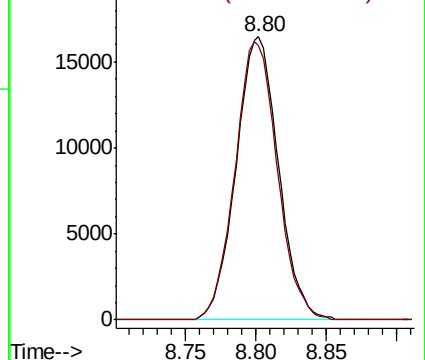
130 100

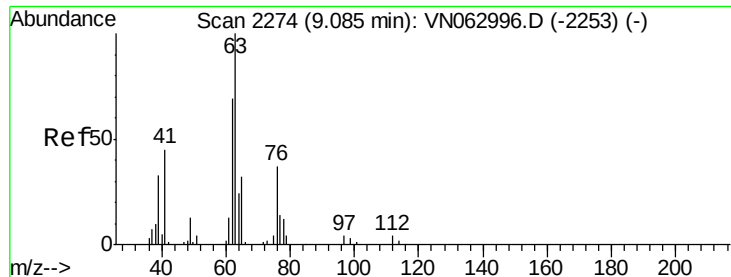
95 96.8 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)

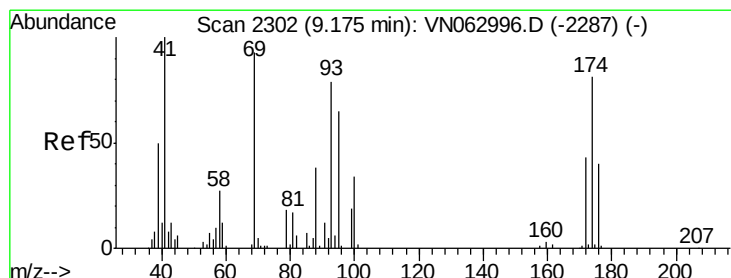
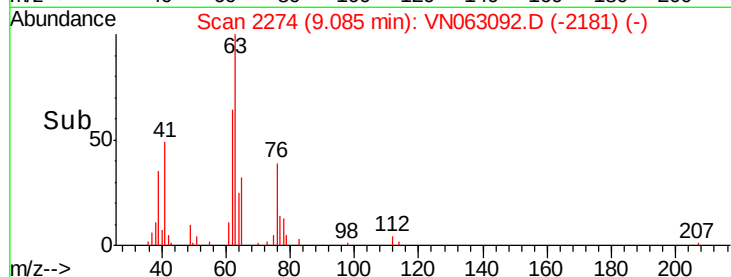
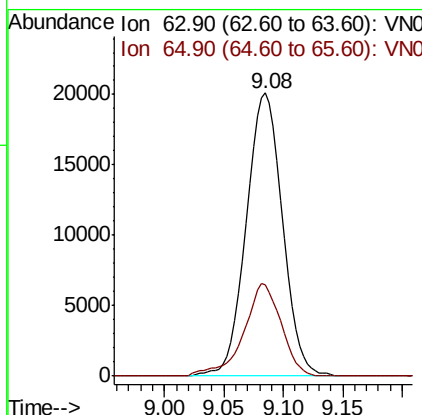
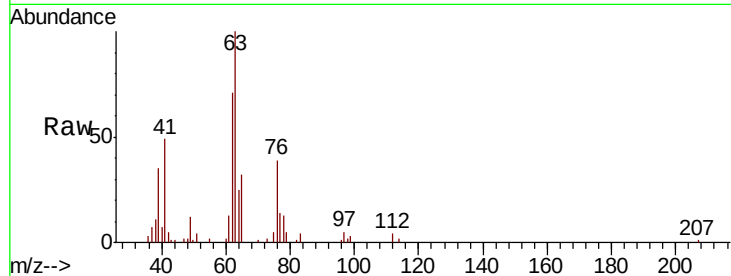




#45
 1,2-Dichloropropane
 Concen: 20.234 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

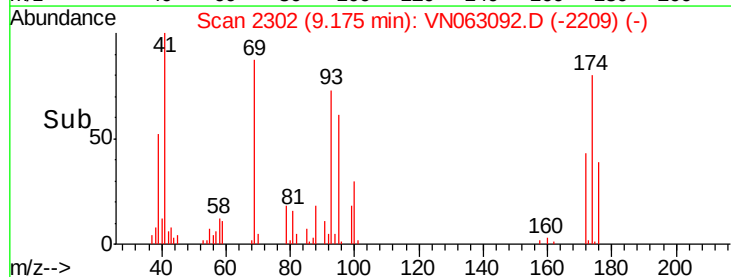
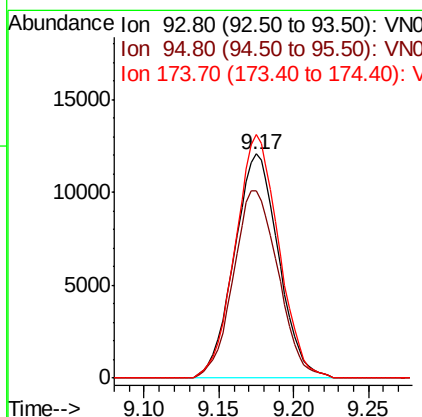
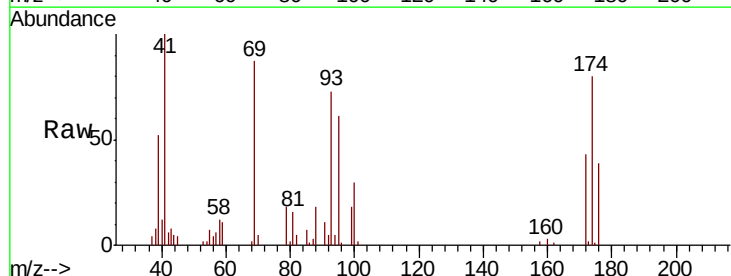
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

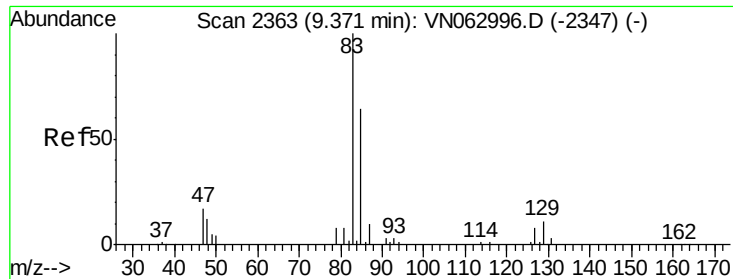
Tot Ion: 63 Resp: 42531
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.6 38.4



#46
 Dibromomethane
 Concen: 20.502 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 93 Resp: 24895
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.2 99.4
 174 106.4 84.6 127.0

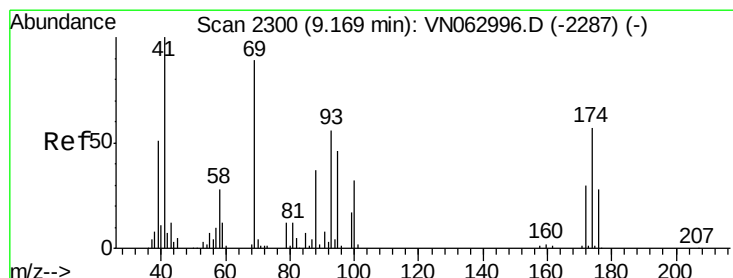
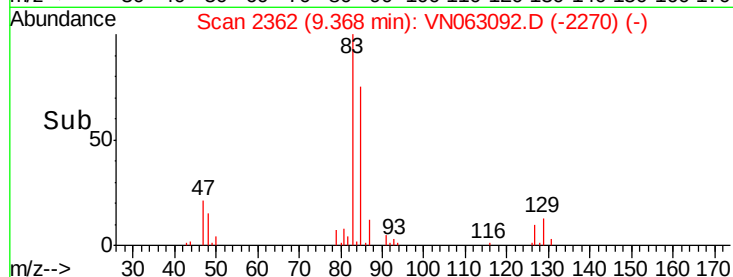
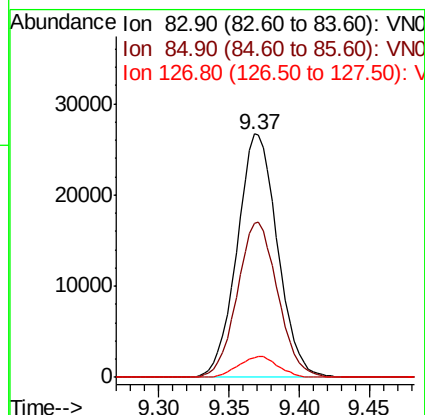
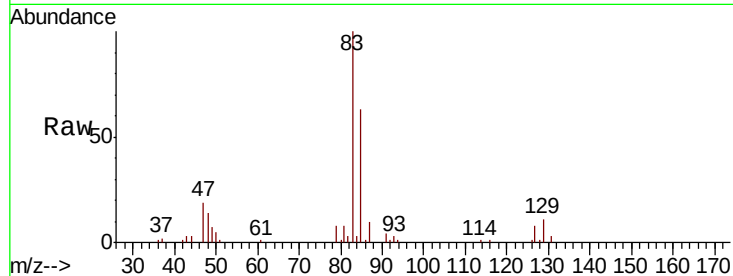




#47
Bromodichloromethane
Concen: 20.120 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

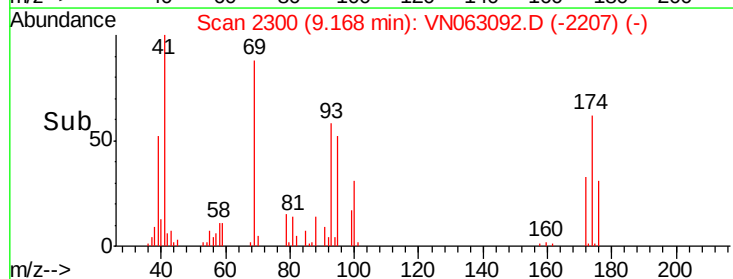
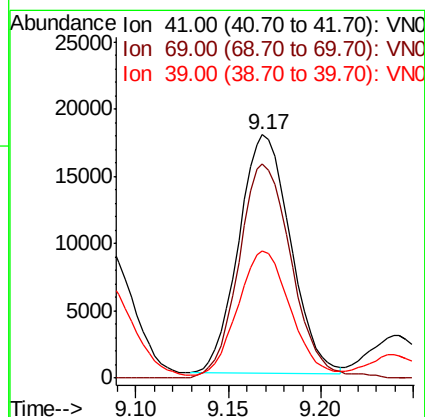
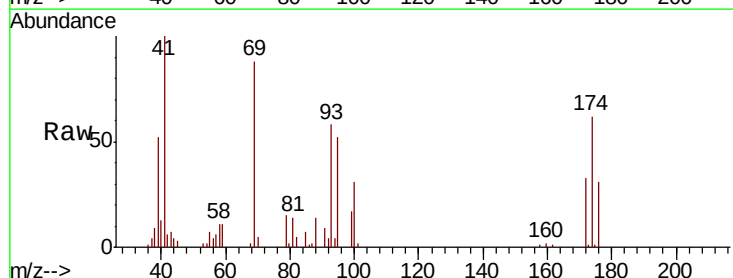
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

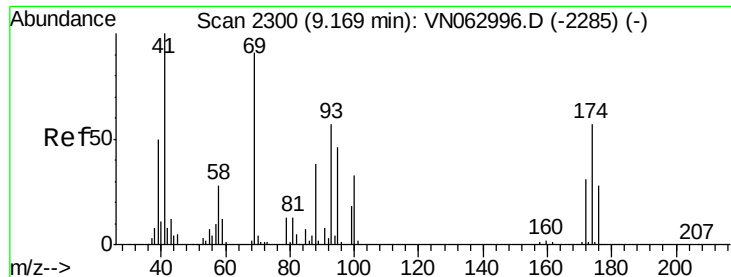
Tot Ion: 83 Resp: 53512
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 20.534 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 41 Resp: 34579
Ion Ratio Lower Upper
41 100
69 90.9 74.2 111.4
39 54.7 42.5 63.7

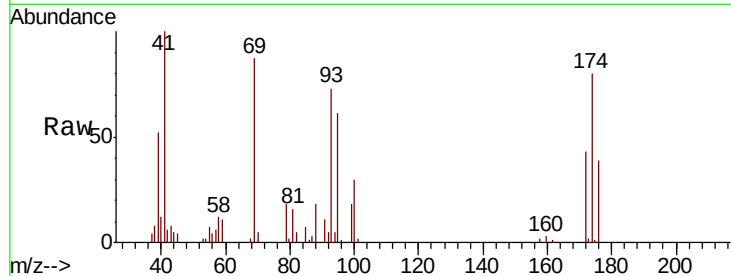




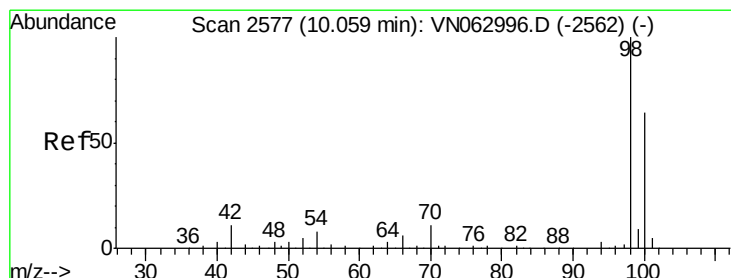
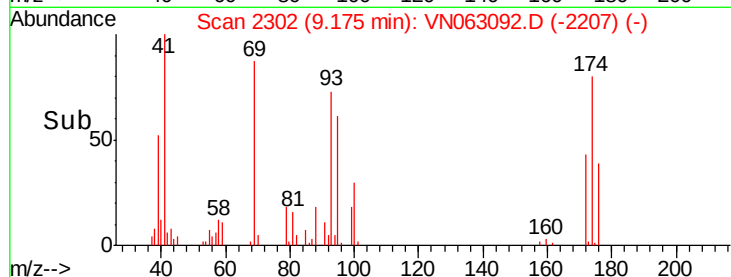
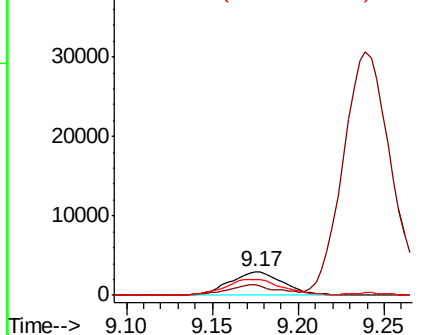
#49
 1,4-Dioxane
 Concen: 183.711 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tot Ion: 88 Resp: 6338
 Ion Ratio Lower Upper
 88 100
 43 43.0 25.2 37.8#
 58 72.6 56.7 85.1

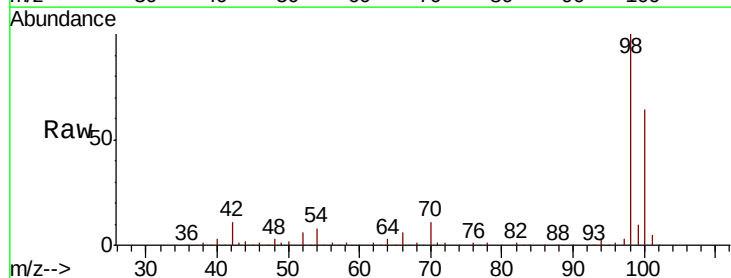


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

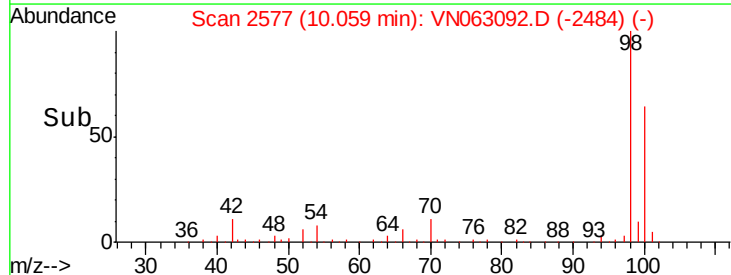
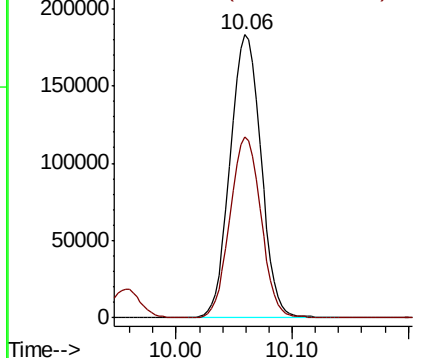


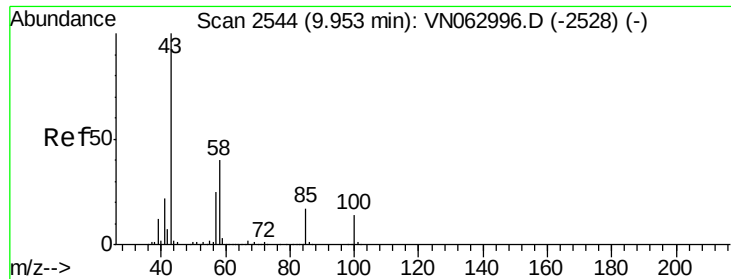
#50
 Toluene-d8
 Concen: 51.843 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 98 Resp: 337579
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.2 76.8



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

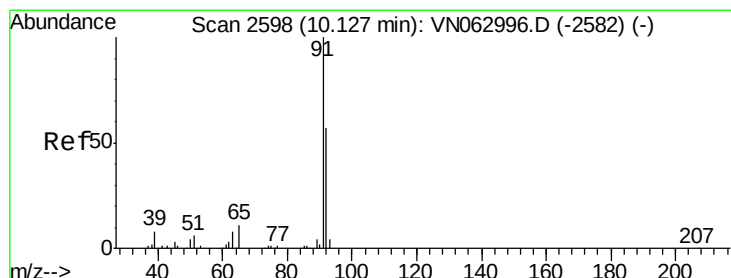
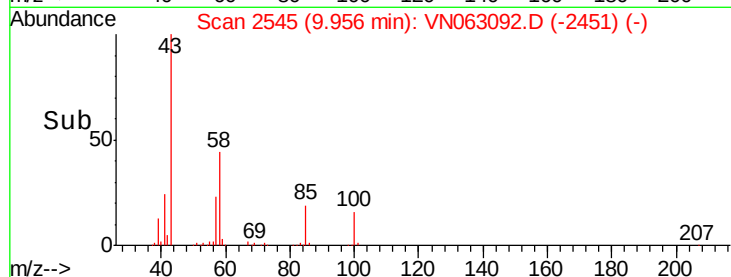
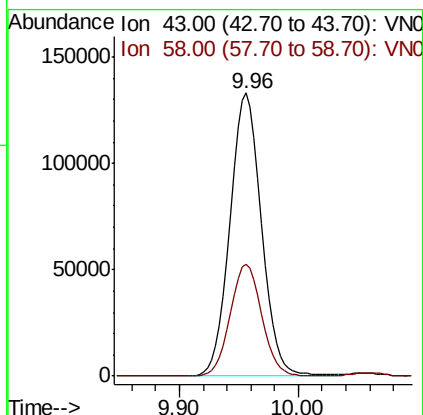
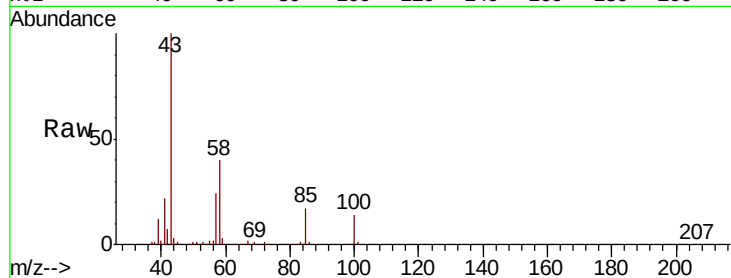




#51
 4-Methyl-2-Pentanone
 Concen: 108.730 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

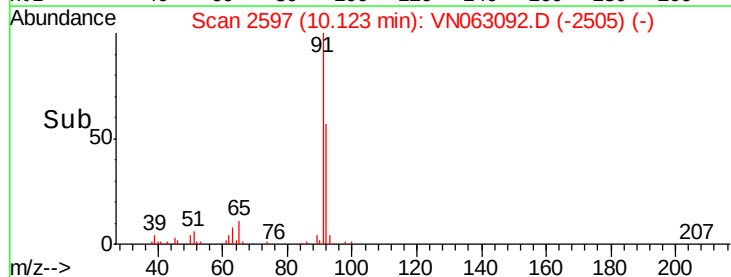
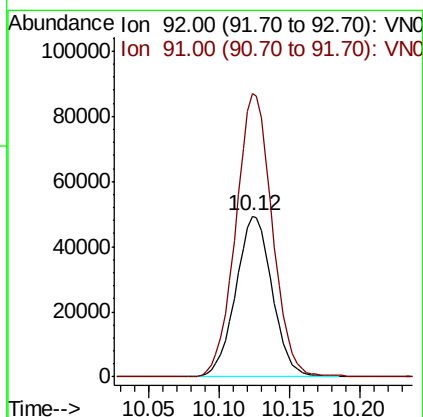
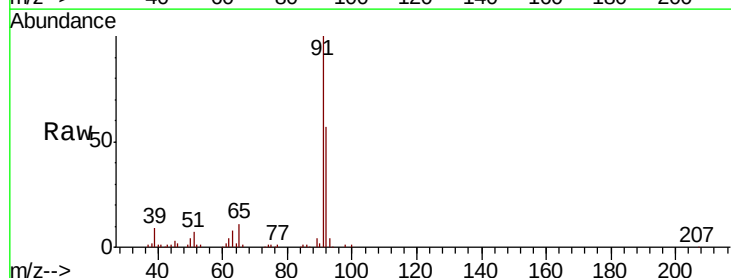
Instrument :
 MSVOA_N
 ClientSampled :
 VN0824WBS01

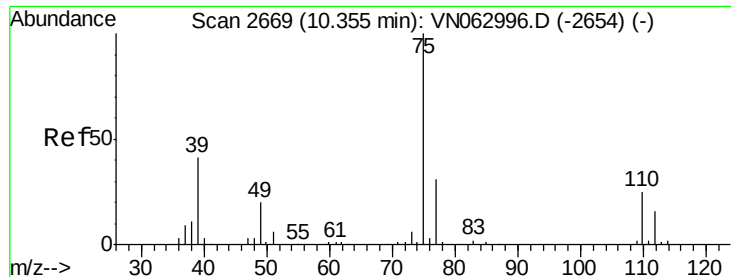
Tot Ion: 43 Resp: 244608
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.2 48.2



#52
 Toluene
 Concen: 20.313 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 92 Resp: 89107
 Ion Ratio Lower Upper
 92 100
 91 177.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.025 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

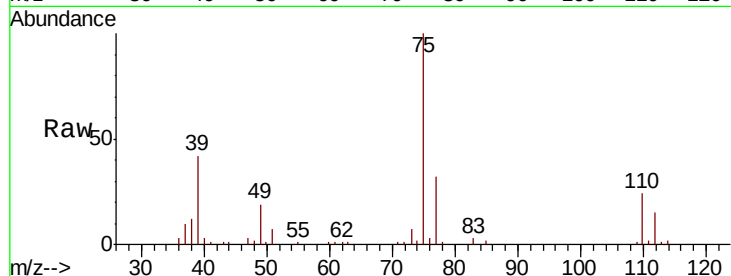
VN0824WBS01

Tot Ion: 75 Resp: 57825

Ion Ratio Lower Upper

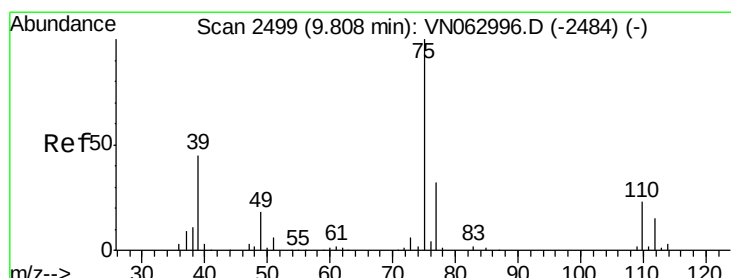
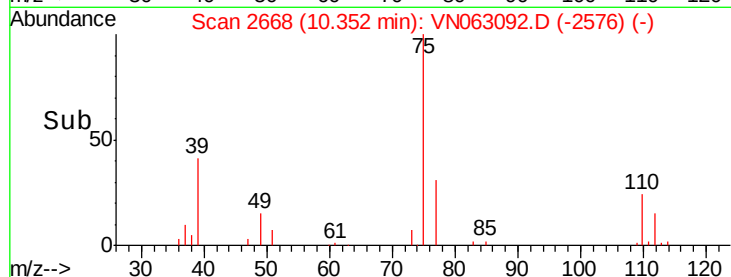
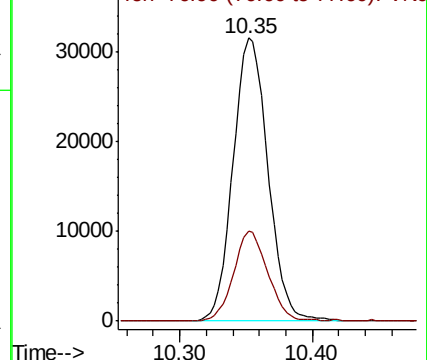
75 100

77 31.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.927 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

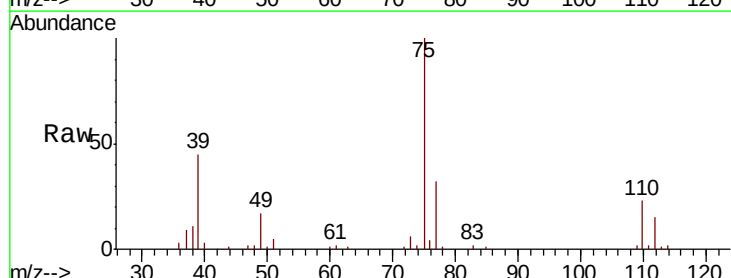
Tgt Ion: 75 Resp: 63140

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

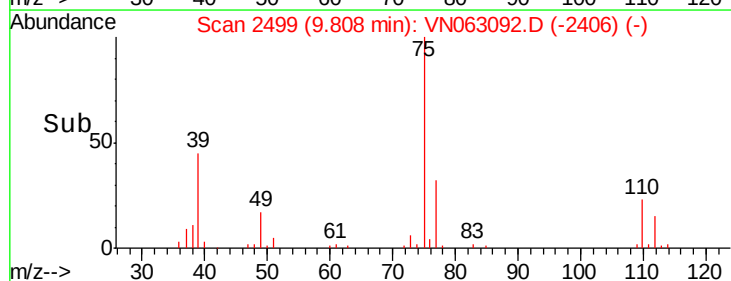
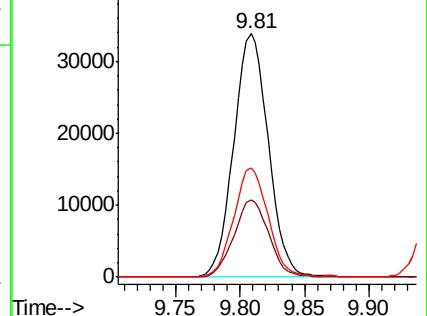
39 44.8 35.7 53.5

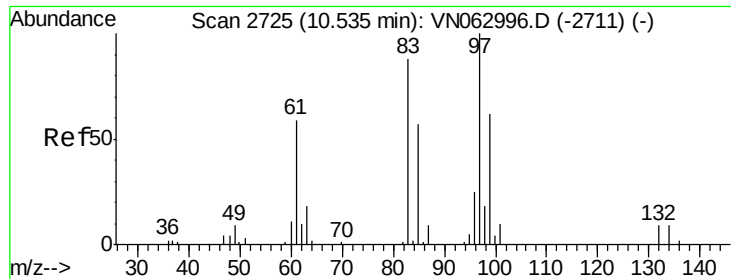


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

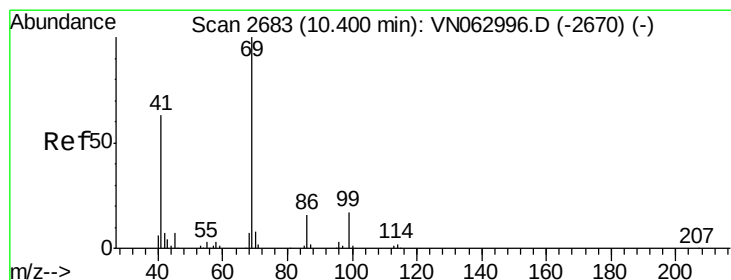
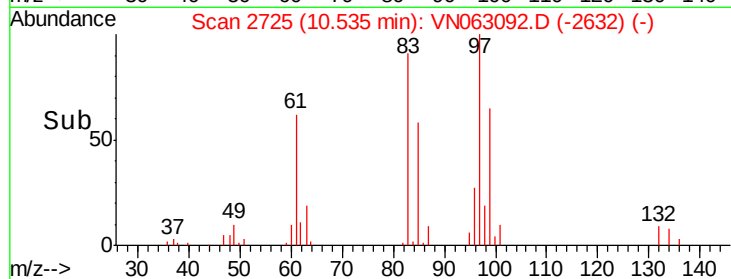
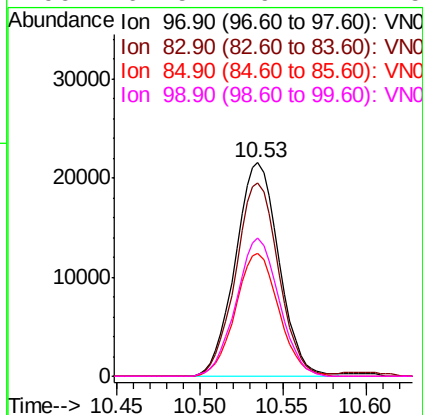
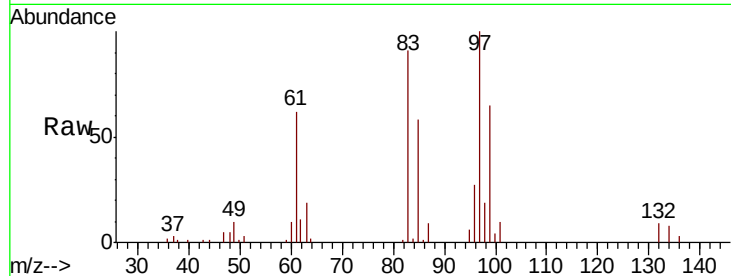




#55
 1,1,2-Trichloroethane
 Concen: 21.016 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

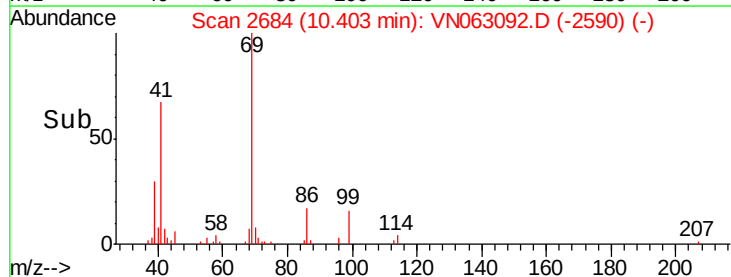
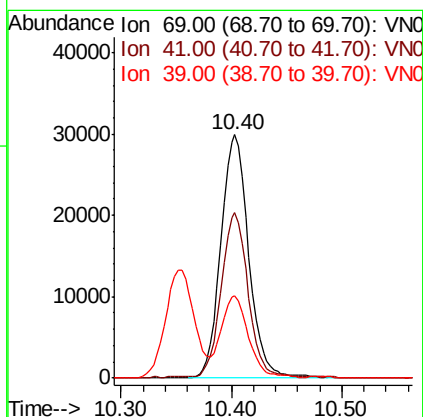
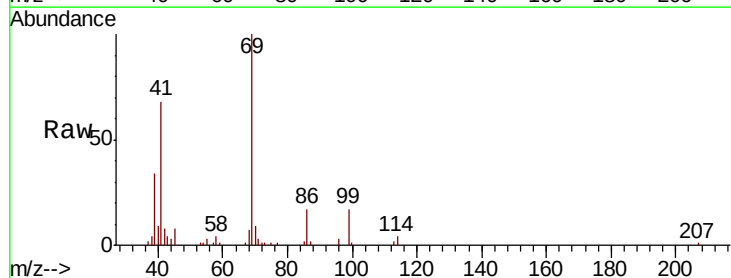
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

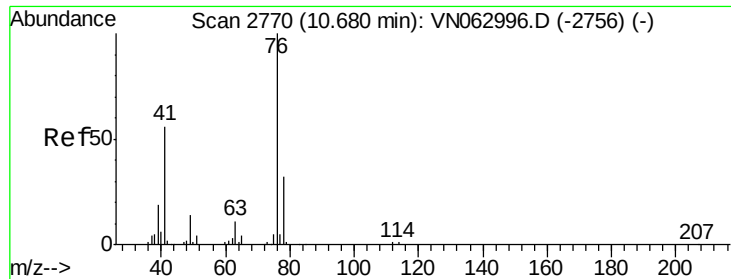
Tot Ion:	97	Resp:	39419
Ion	Ratio	Lower	Upper
97	100		
83	90.8	70.5	105.7
85	57.8	45.8	68.6
99	64.5	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 19.206 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion:	69	Resp:	52422
Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.2	75.2
39	33.3	24.2	36.4





#57

1,3-Dichloropropane

Concen: 20.988 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

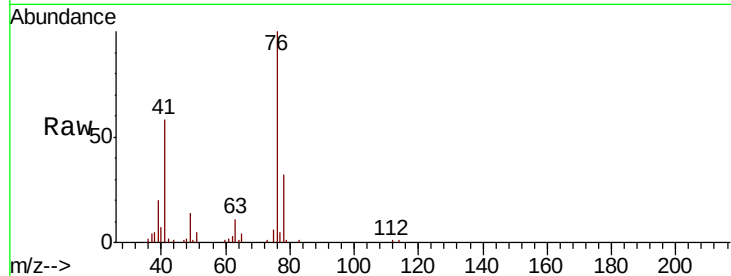
VN0824WBS01

Tot Ion: 76 Resp: 65369

Ion Ratio Lower Upper

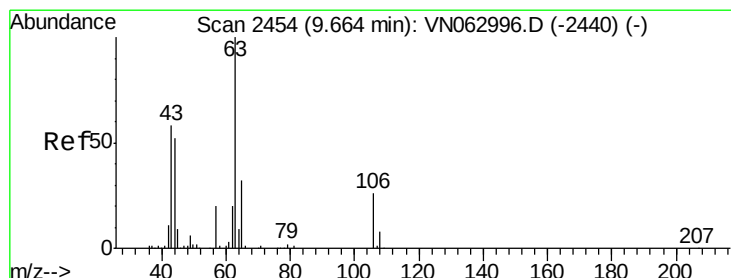
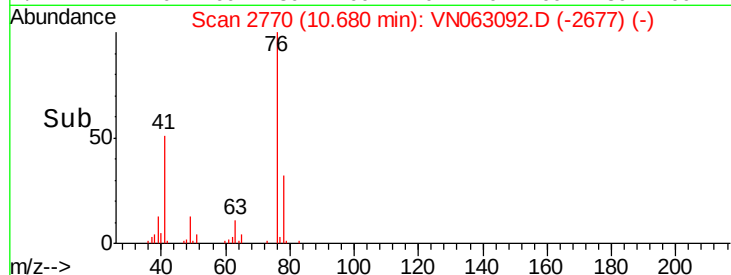
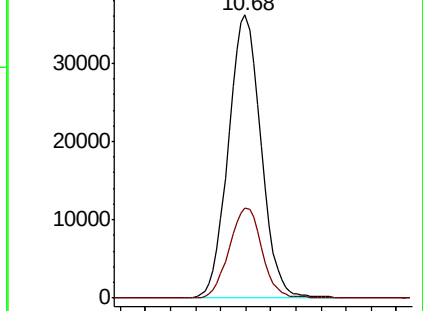
76 100

78 31.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN062996.D (-2756) (-)

Ion 77.90 (77.60 to 78.60): VN062996.D (-2756) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 101.669 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063092.D

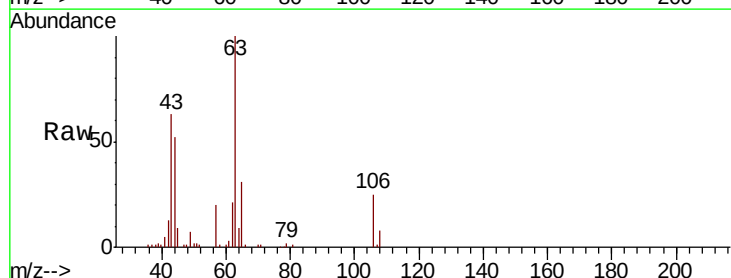
Acq: 24 Aug 2020 13:51

Tgt Ion: 63 Resp: 66245

Ion Ratio Lower Upper

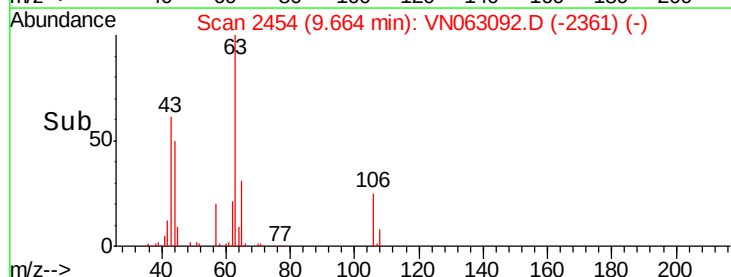
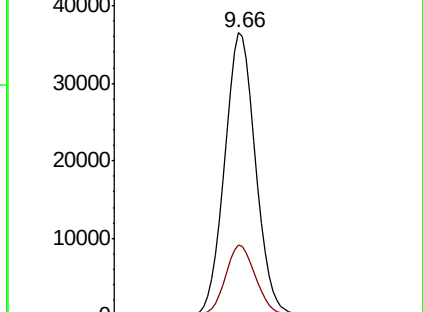
63 100

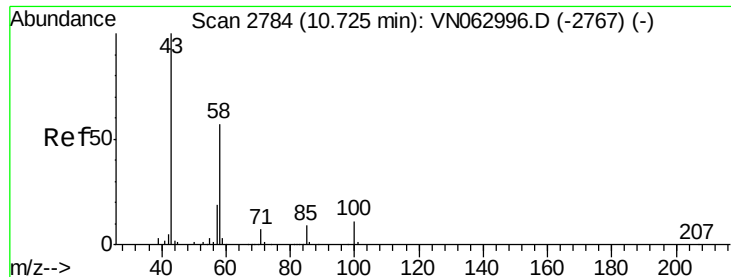
106 24.3 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2440) (-)

Ion 105.90 (105.60 to 106.60): VN062996.D (-2440) (-)

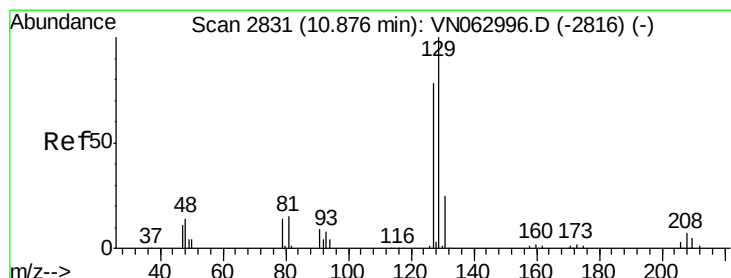
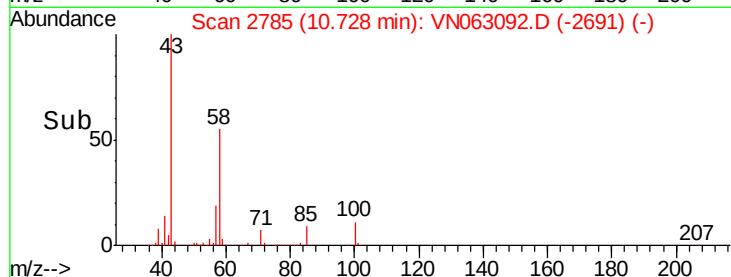
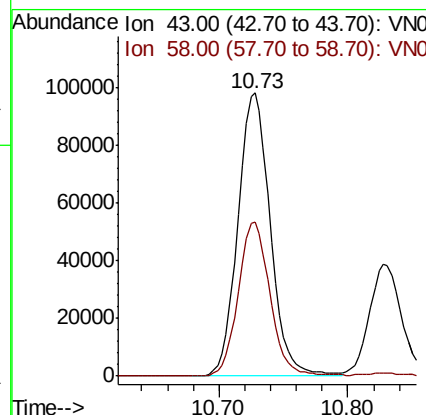
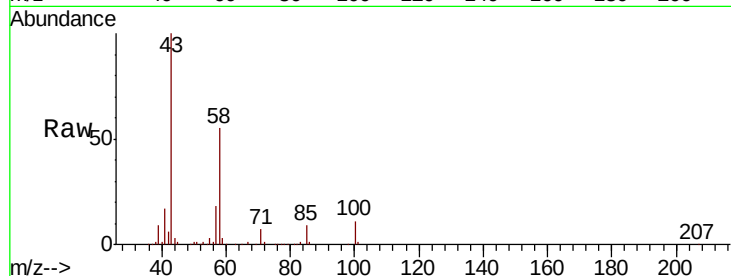




#59
2-Hexanone
Concen: 109.341 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

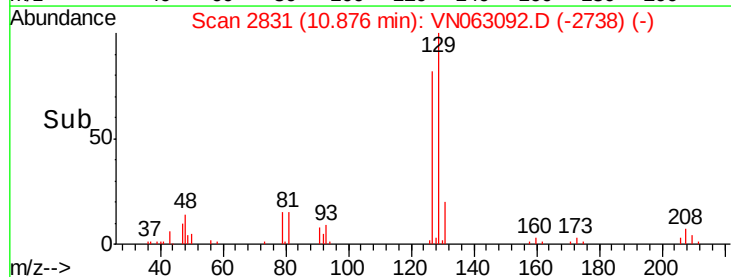
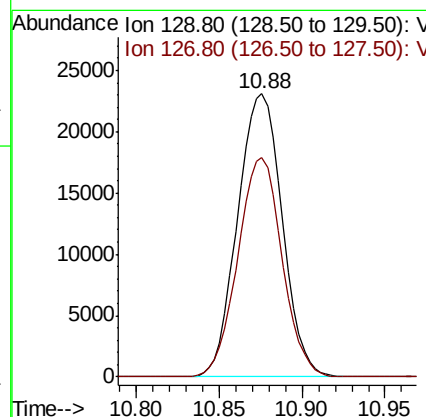
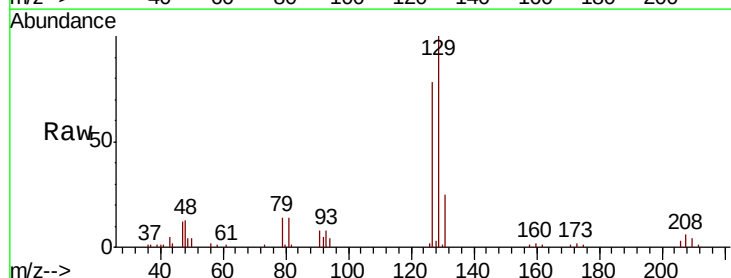
Instrument :
MSVOA_N
ClientSampled :
VN0824WBS01

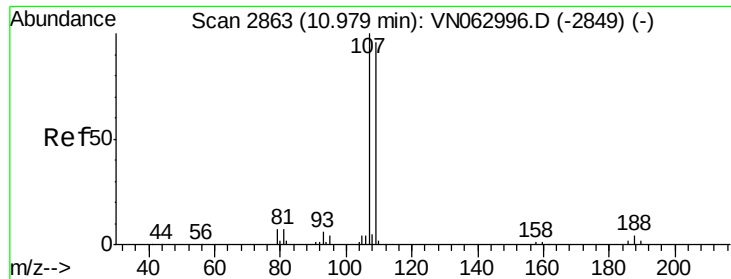
Tot Ion: 43 Resp: 171579
Ion Ratio Lower Upper
43 100
58 53.2 28.1 84.3



#60
Dibromochloromethane
Concen: 20.809 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 129 Resp: 43193
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2

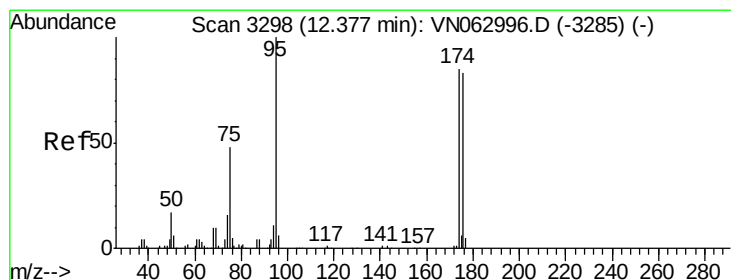
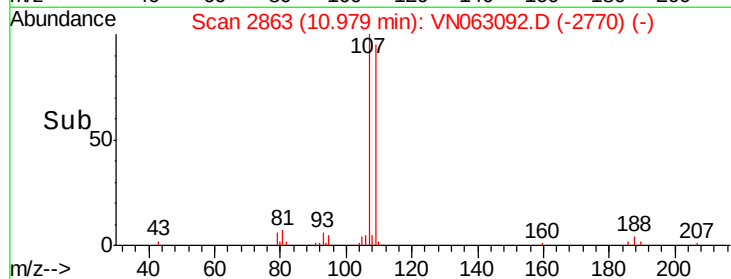
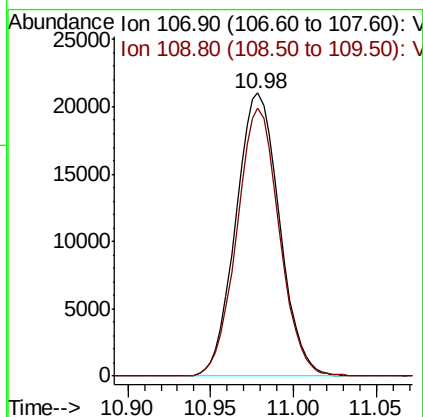
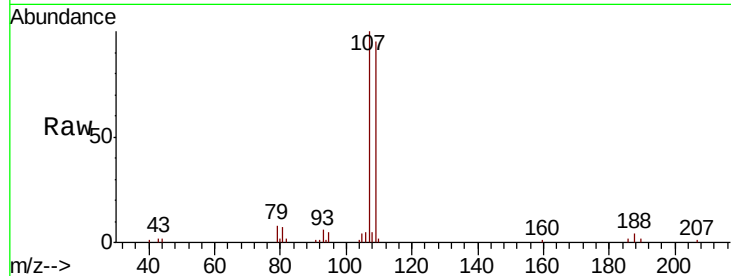




#61
 1,2-Dibromoethane
 Concen: 21.305 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

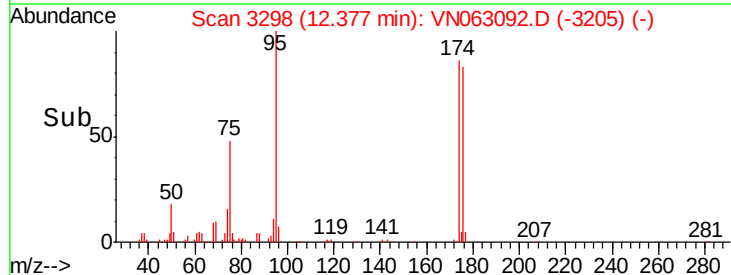
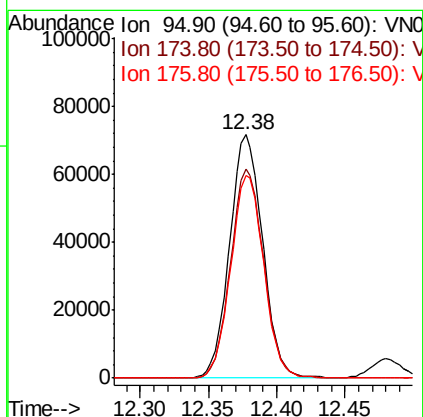
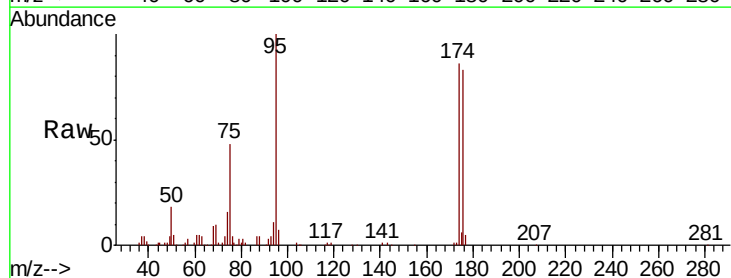
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

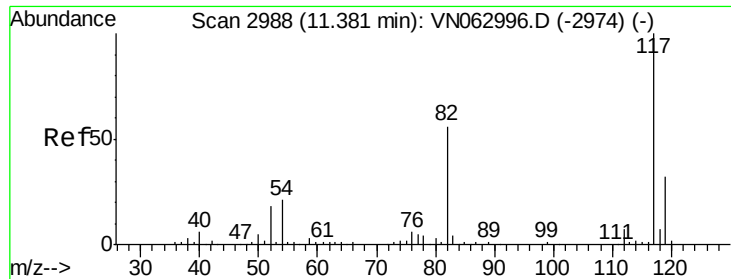
Tot Ion:107 Resp: 38398
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 52.442 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 95 Resp: 120503
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 170.8
 176 83.4 0.0 164.8

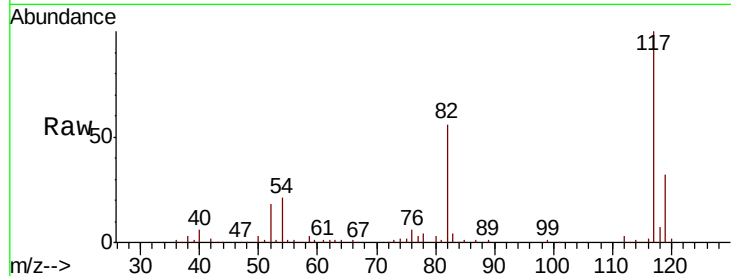




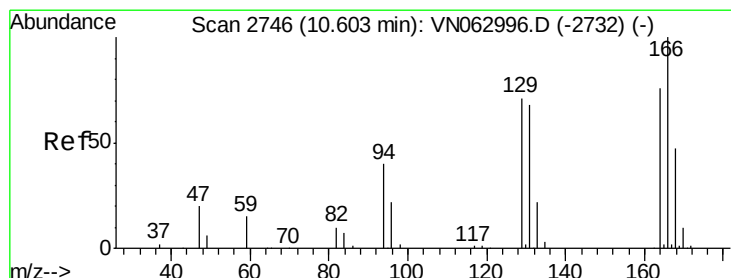
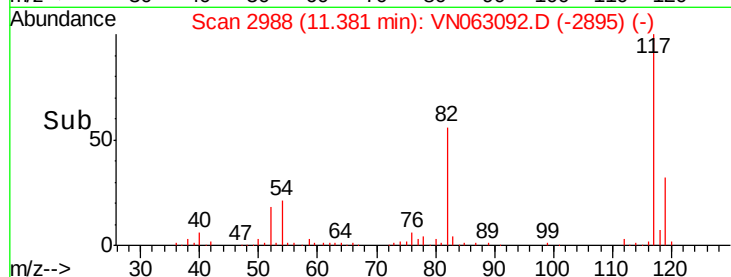
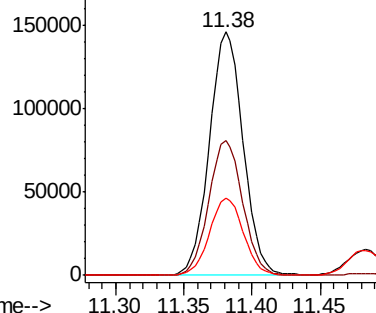
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tot Ion:117 Resp: 251820
Ion Ratio Lower Upper
117 100
82 55.5 44.5 66.7
119 31.9 25.5 38.3

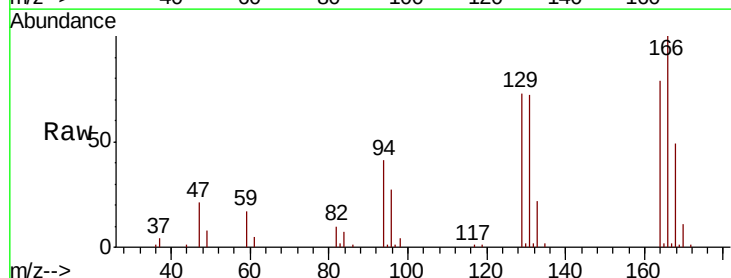


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

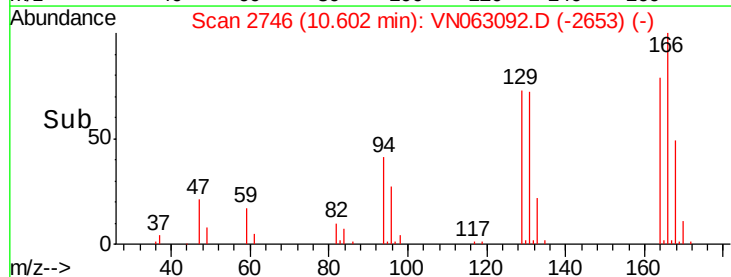
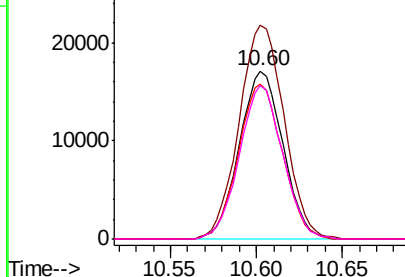


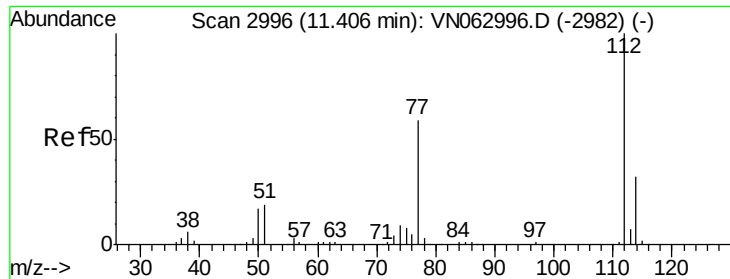
#64
Tetrachloroethene
Concen: 18.154 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion:164 Resp: 30050
Ion Ratio Lower Upper
164 100
166 127.0 105.0 157.6
129 92.4 74.7 112.1
131 91.2 71.0 106.4



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

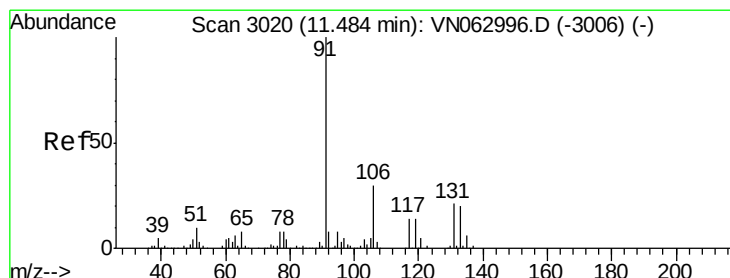
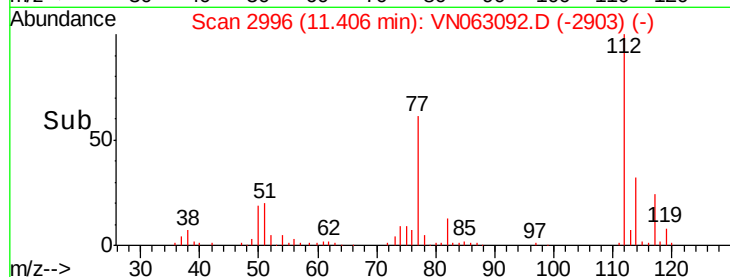
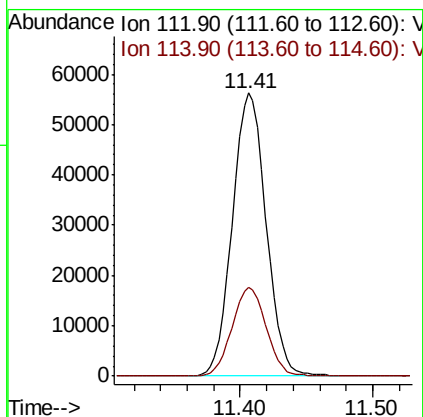
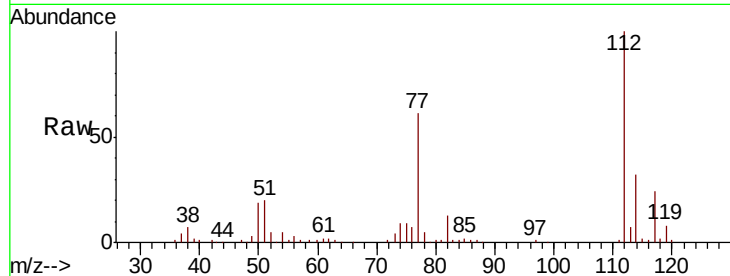




#65
Chlorobenzene
Concen: 19.622 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

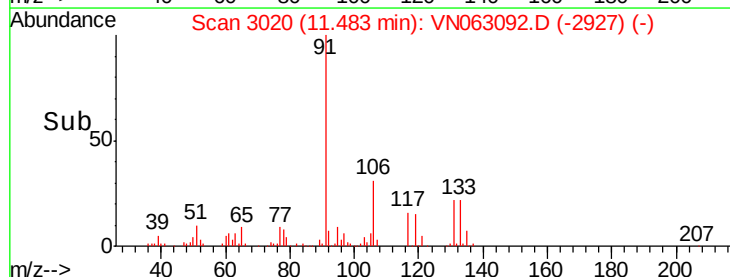
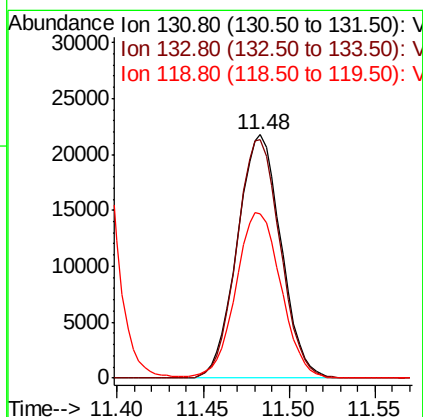
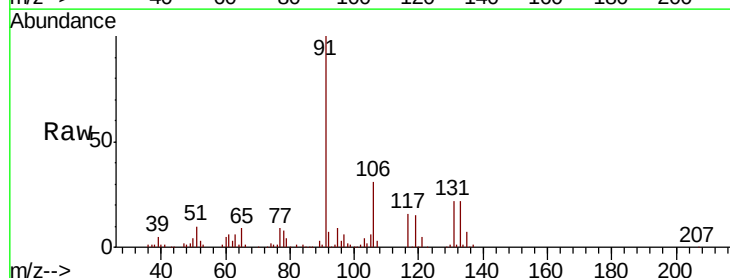
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

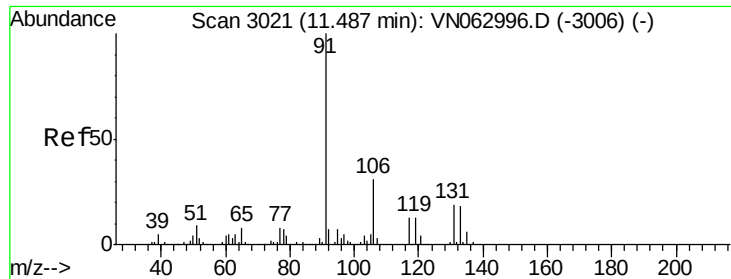
Tot Ion:112 Resp: 99240
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.570 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion:131 Resp: 38497
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 70.0 33.1 99.3

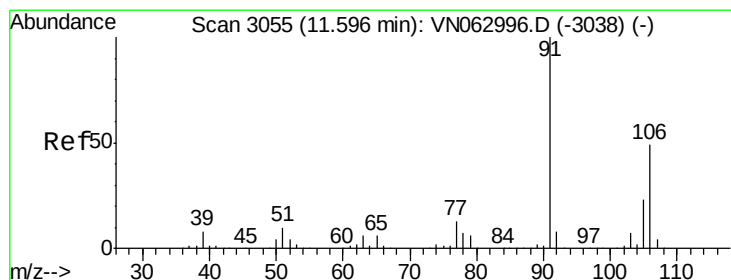
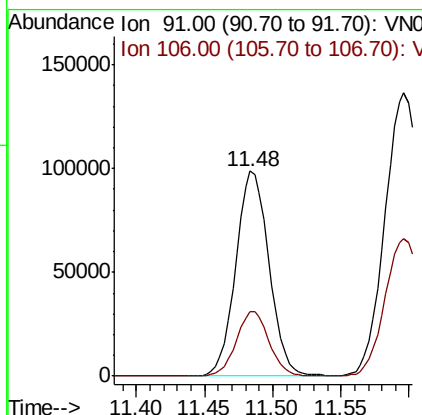
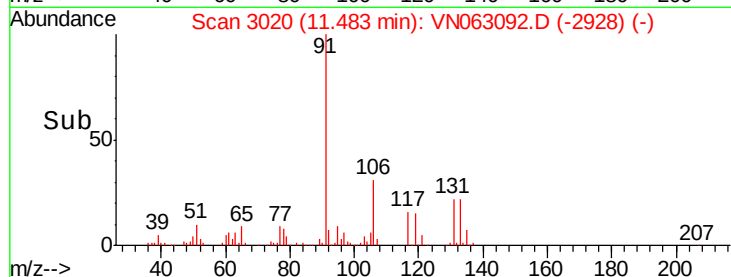
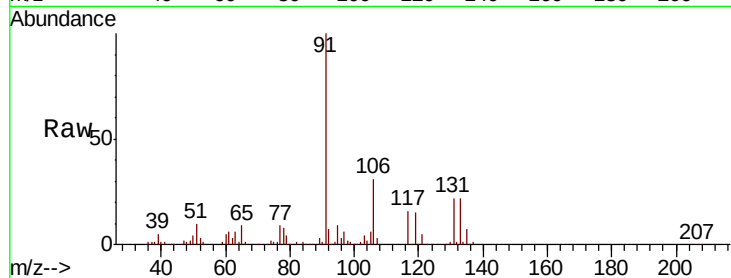




#67
Ethyl Benzene
Concen: 19.581 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

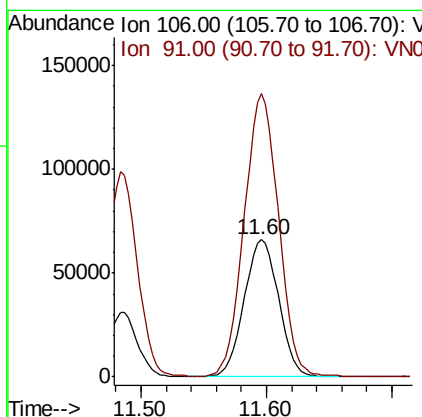
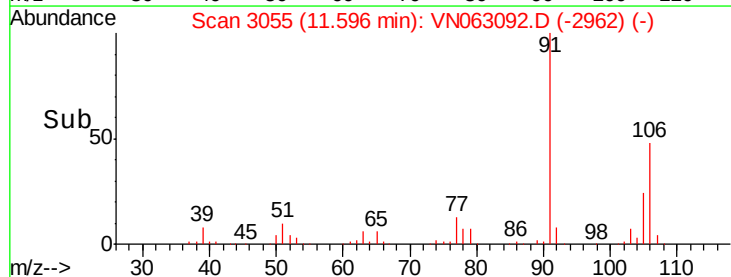
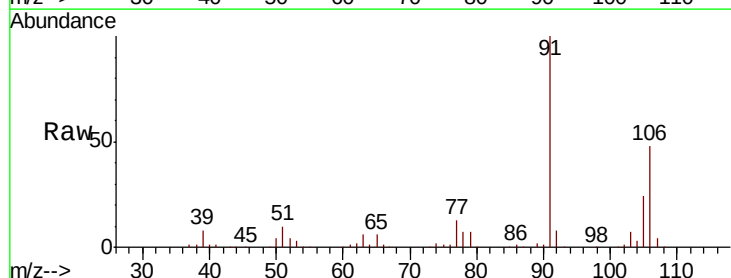
Instrument :
MSVOA_N
ClientSampled :
VN0824WBS01

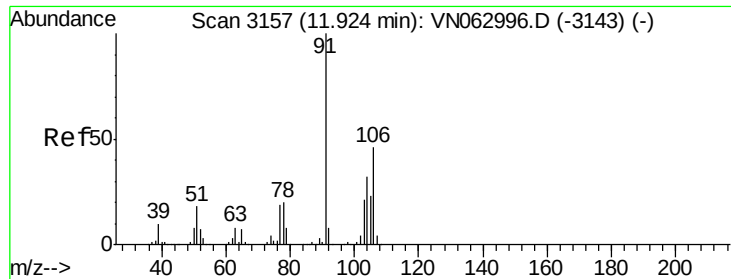
Tot Ion: 91 Resp: 167335
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 40.053 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion: 106 Resp: 127215
Ion Ratio Lower Upper
106 100
91 204.7 163.0 244.4

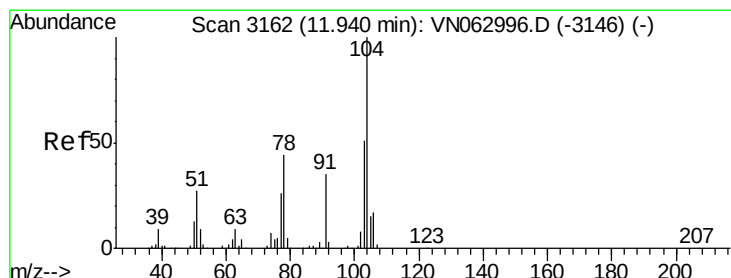
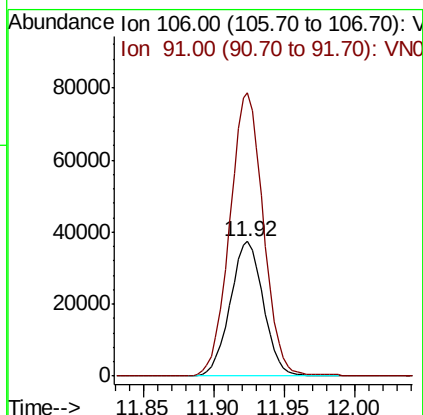
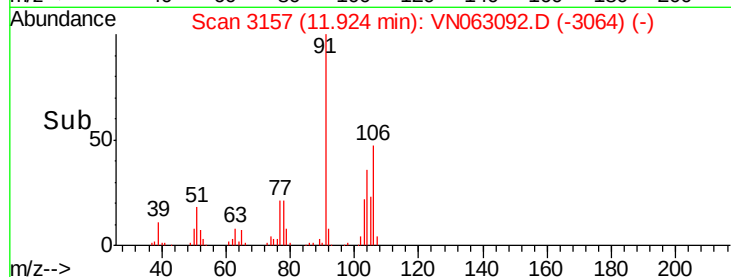
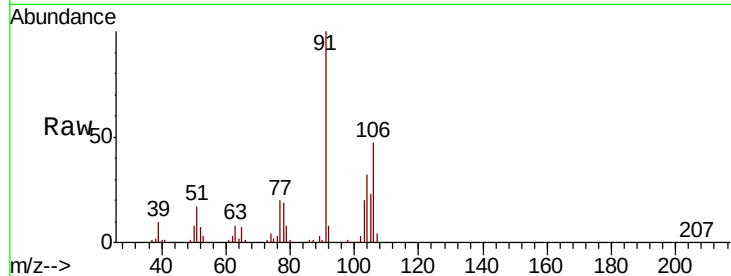




#69
o-Xylene
Concen: 20.233 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

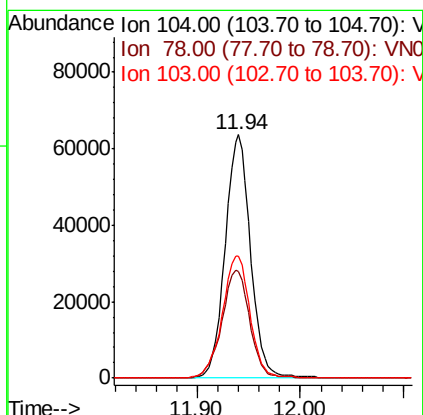
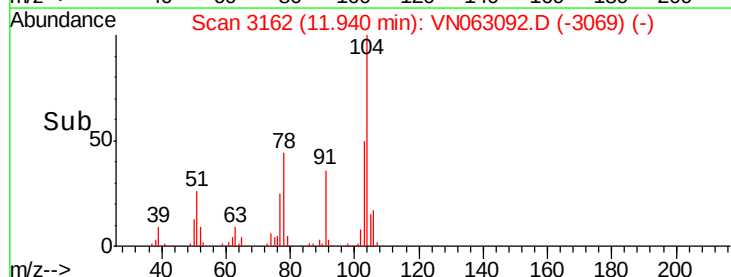
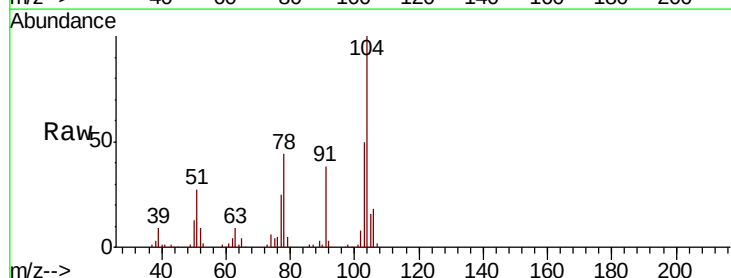
Instrument :
MSVOA_N
ClientSampled :
VN0824WBS01

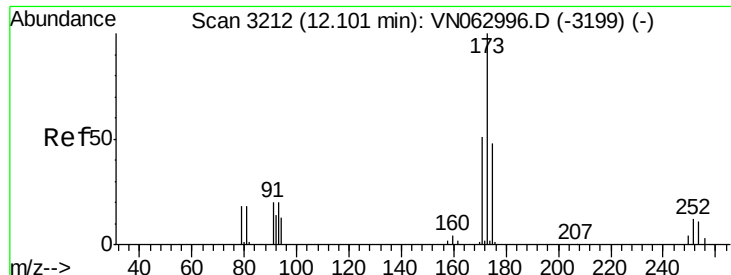
Tot Ion:106 Resp: 61709
Ion Ratio Lower Upper
106 100
91 212.5 107.3 321.9



#70
Styrene
Concen: 19.291 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063092.D
Acq: 24 Aug 2020 13:51

Tgt Ion:104 Resp: 109324
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 54.6 44.3 66.5





#71

Bromoform

Concen: 20.182 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

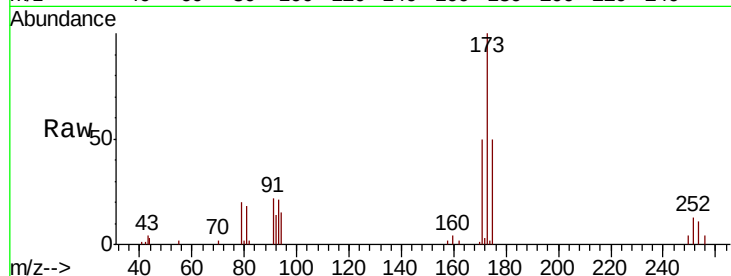
Tot Ion:173 Resp: 31600

Ion Ratio Lower Upper

173 100

175 50.7 24.3 72.8

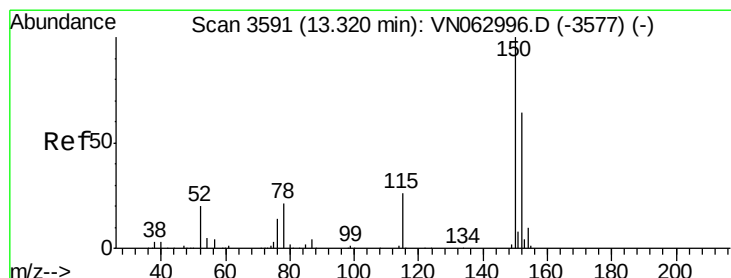
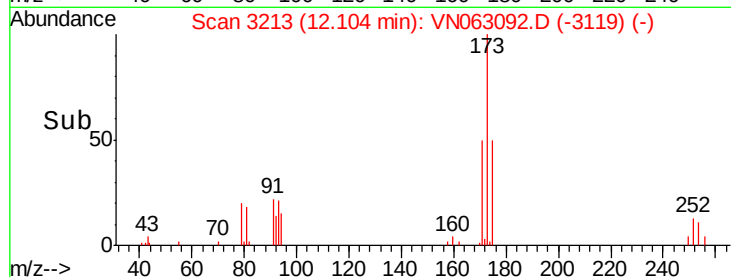
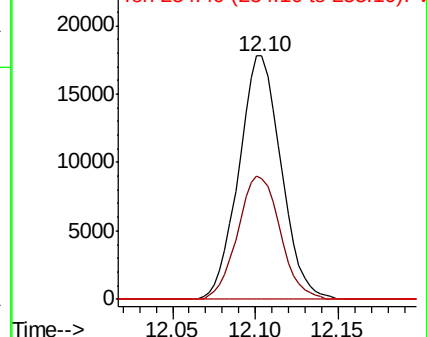
254 0.0 0.0 0.0



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: VN063092.D

Acq: 24 Aug 2020 13:51

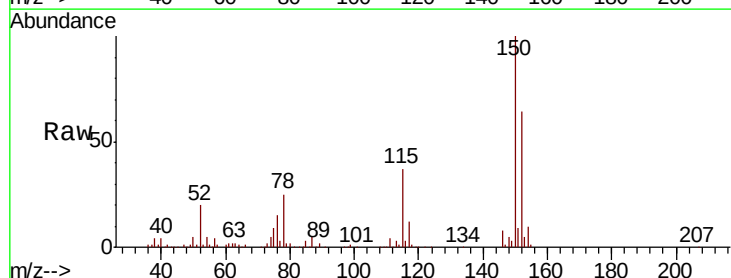
Tgt Ion:152 Resp: 122017

Ion Ratio Lower Upper

152 100

115 57.9 28.7 86.3

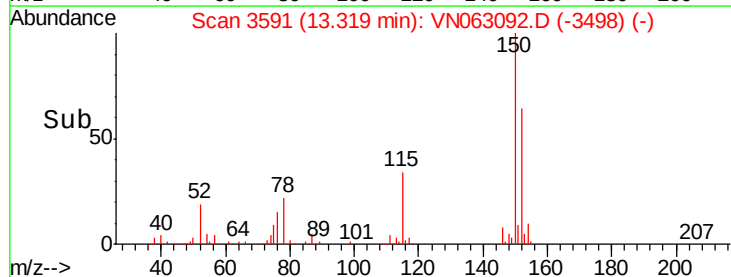
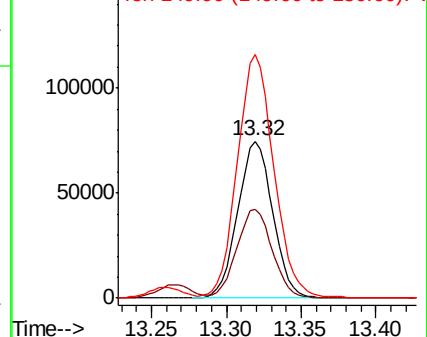
150 161.9 0.0 348.8

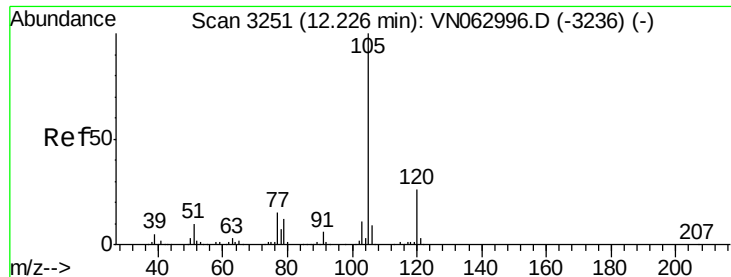


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.582 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

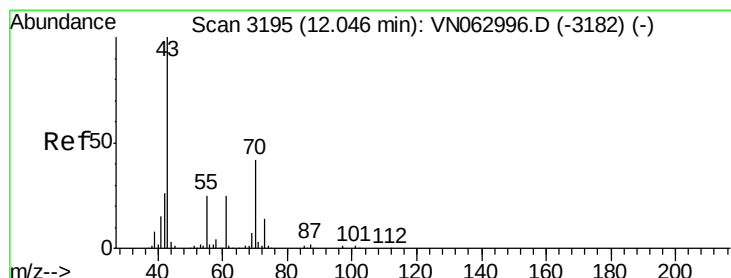
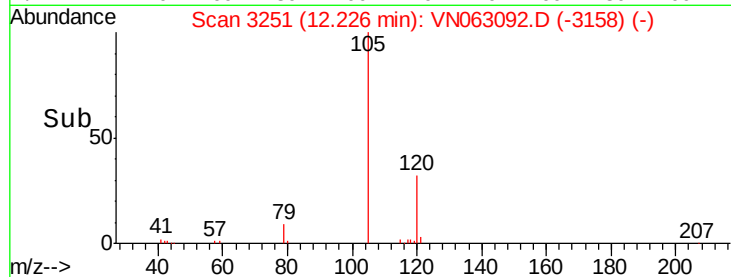
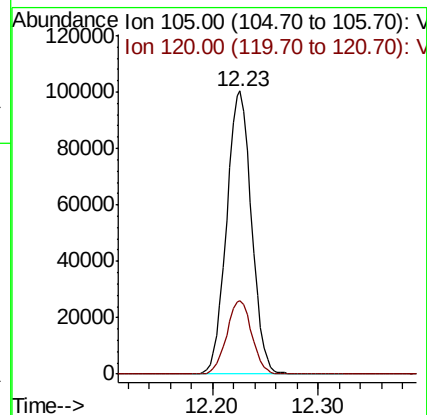
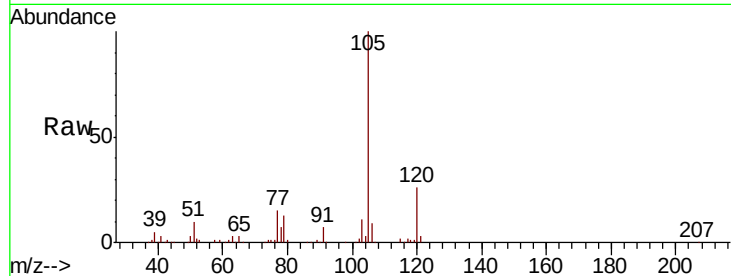
VN0824WBS01

Tot Ion:105 Resp: 163623

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 21.592 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Tgt Ion: 43 Resp: 64616

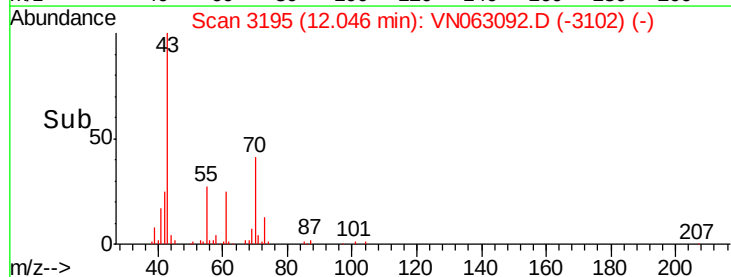
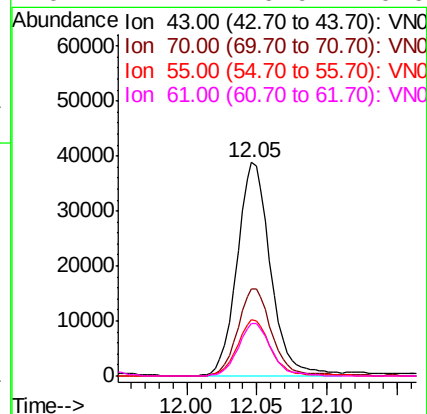
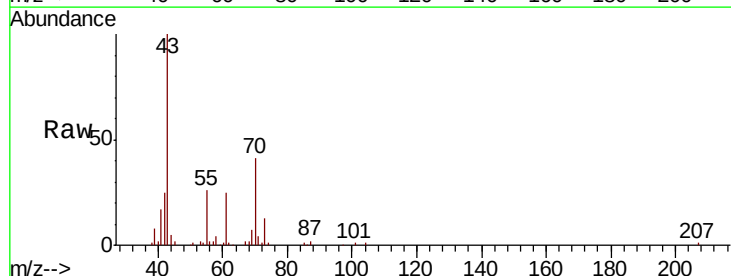
Ion Ratio Lower Upper

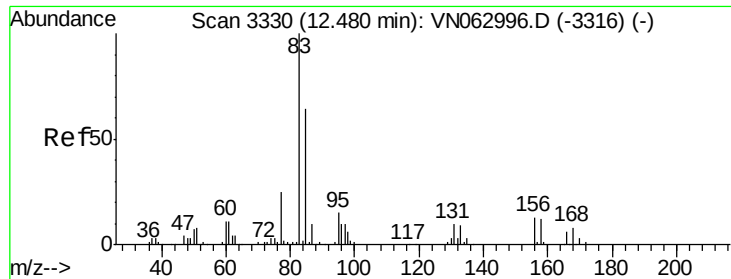
43 100

70 41.3 33.4 50.0

55 26.0 20.2 30.2

61 24.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.754 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

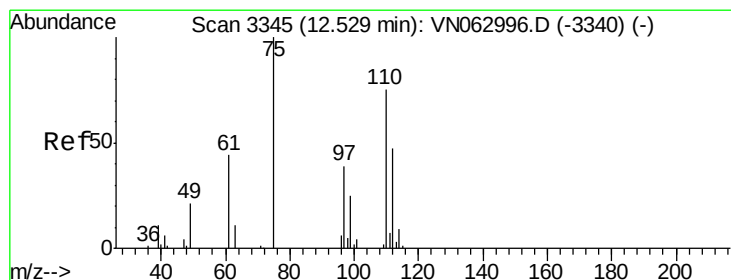
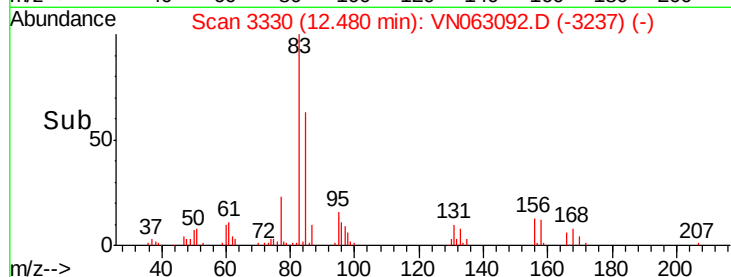
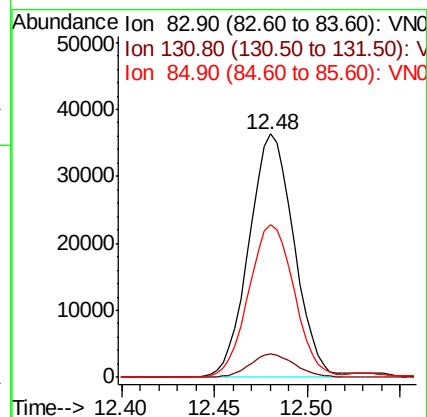
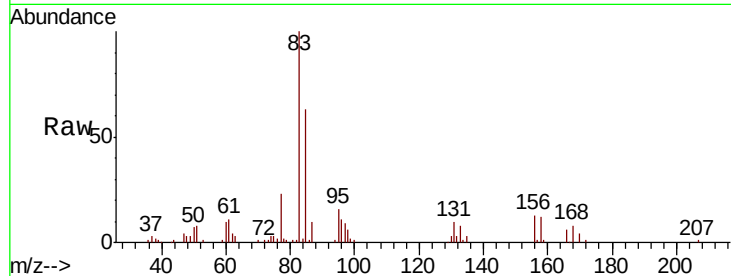
Tot Ion: 83 Resp: 61220

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

85 63.7 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 30.962 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN063092.D

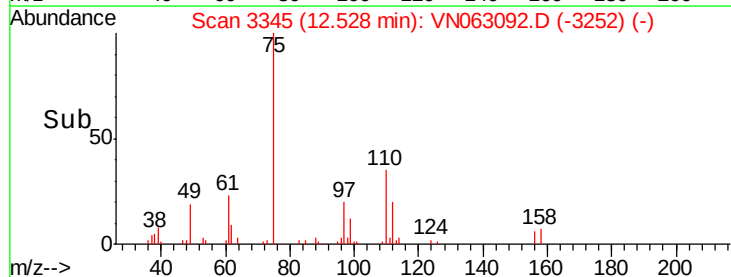
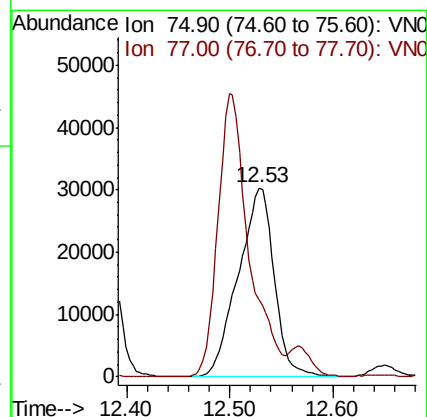
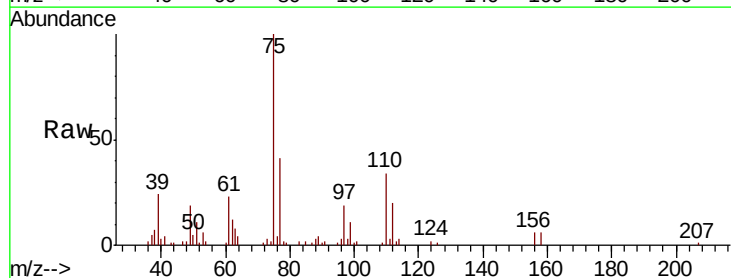
Acq: 24 Aug 2020 13:51

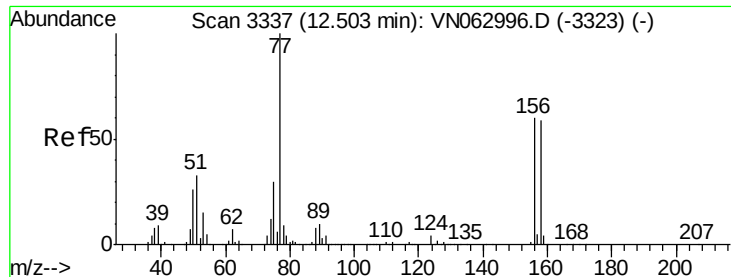
Tgt Ion: 75 Resp: 73434

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.952 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

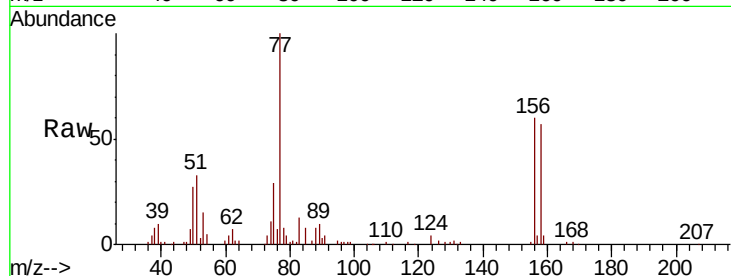
Tot Ion:156 Resp: 45852

Ion Ratio Lower Upper

156 100

77 207.6 101.0 302.9

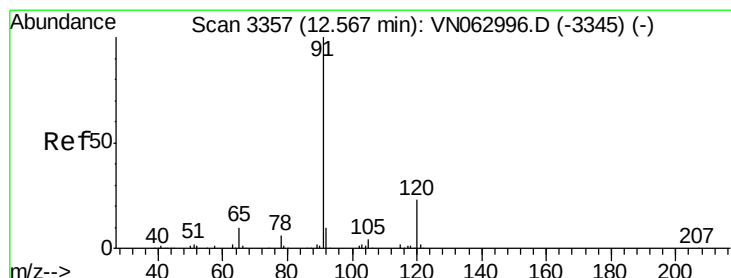
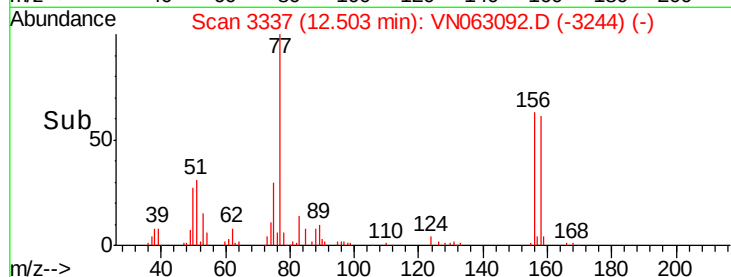
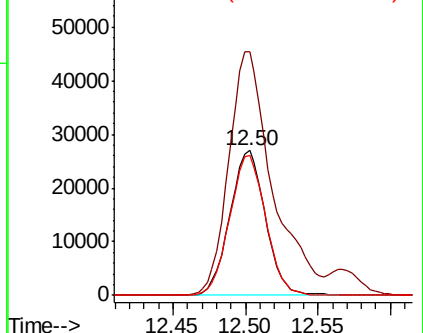
158 97.9 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.758 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063092.D

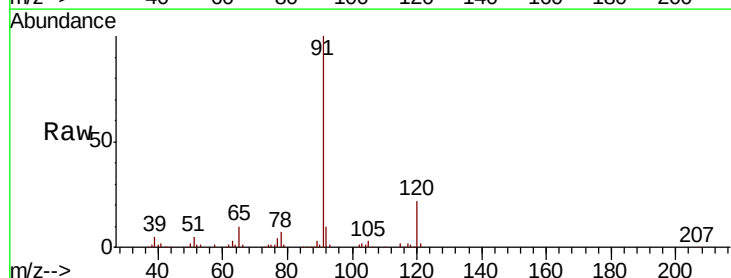
Acq: 24 Aug 2020 13:51

Tgt Ion: 91 Resp: 188178

Ion Ratio Lower Upper

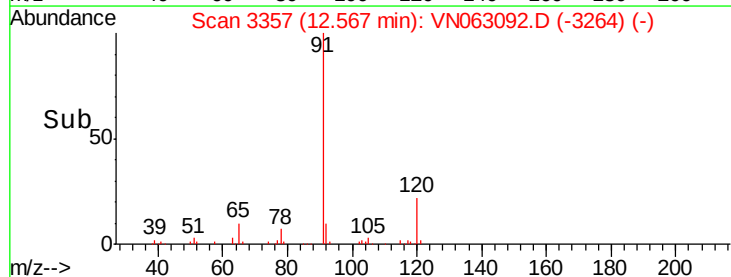
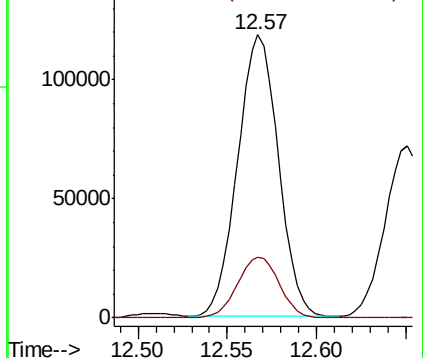
91 100

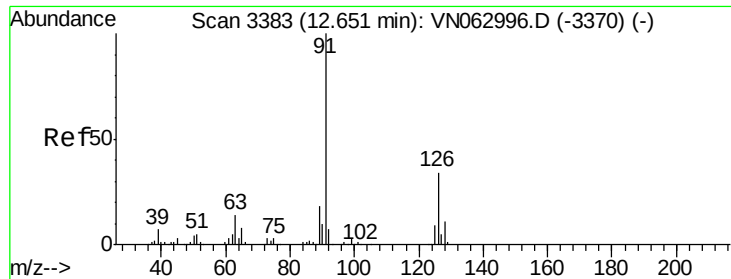
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

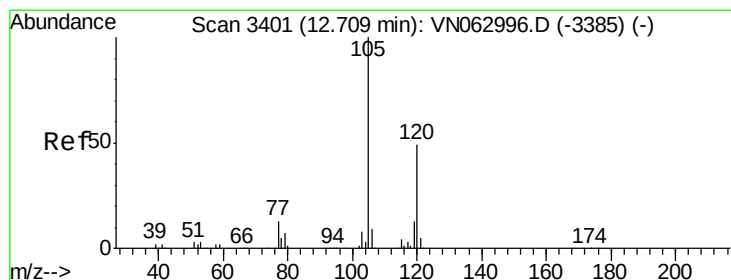
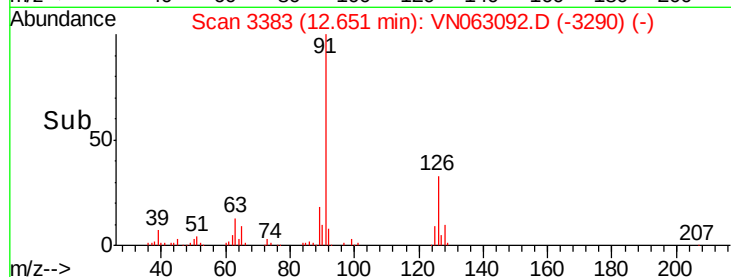
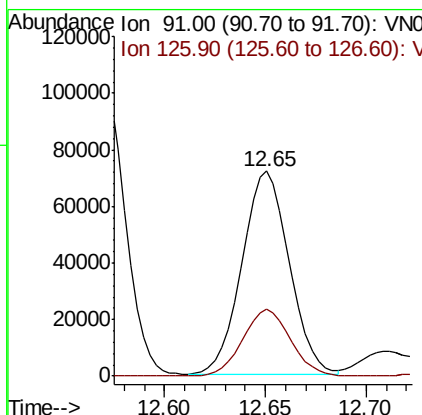
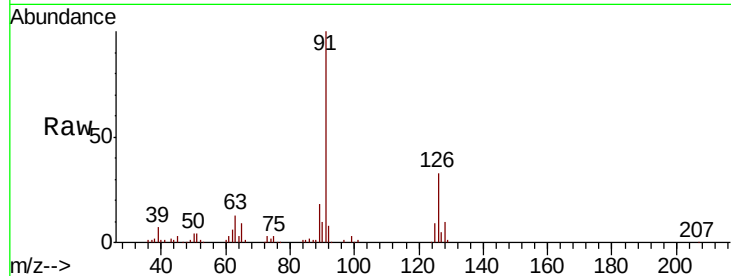




#79
 2-Chlorotoluene
 Concen: 19.773 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

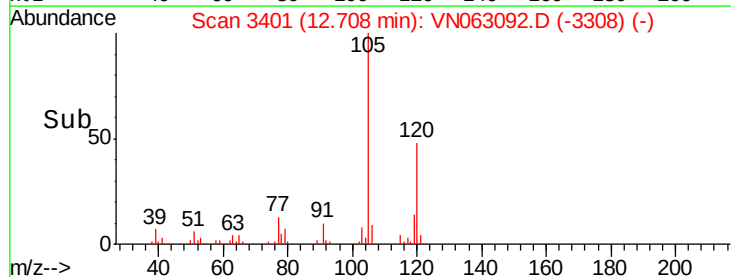
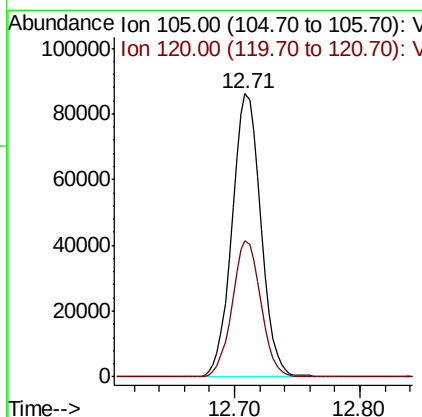
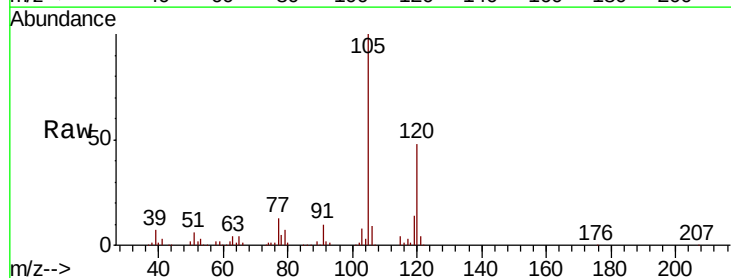
Instrument :
 MSVOA_N
 ClientSampled :
 VN0824WBS01

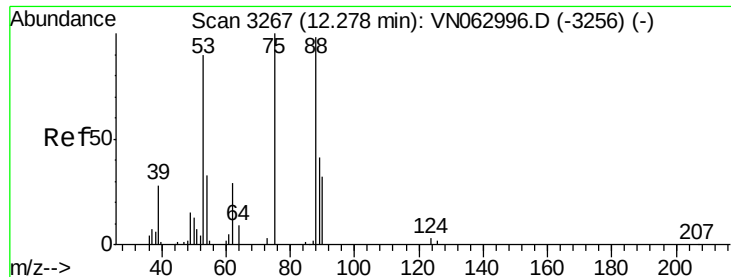
Tot Ion: 91 Resp: 118452
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.910 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion: 105 Resp: 137524
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.172 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

VN0824WBS01

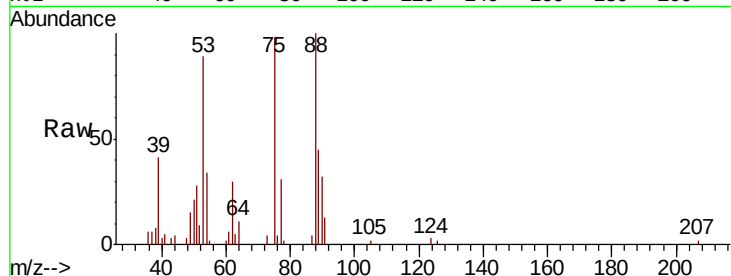
Tot Ion: 75 Resp: 18283

Ion Ratio Lower Upper

75 100

53 92.4 69.2 103.8

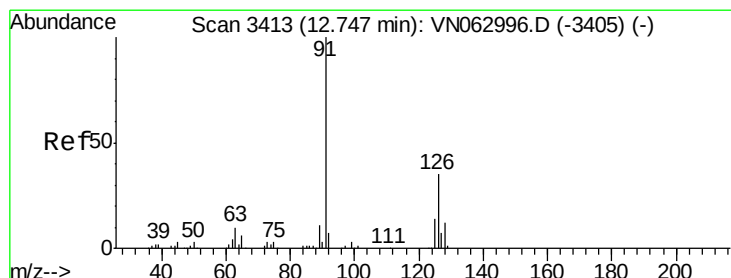
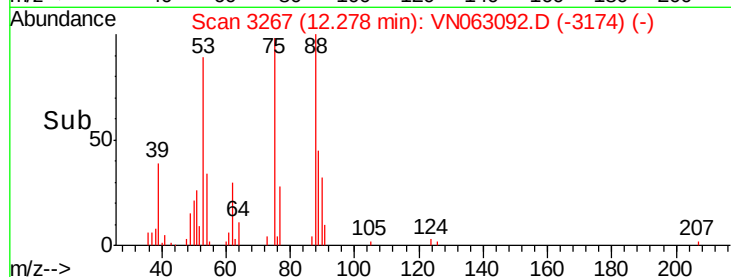
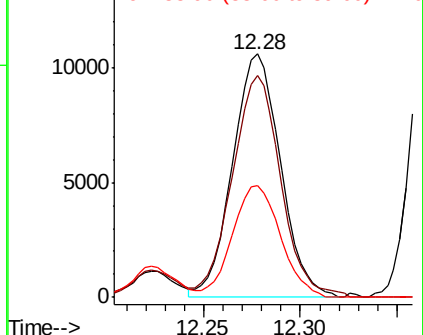
89 46.3 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.640 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN063092.D

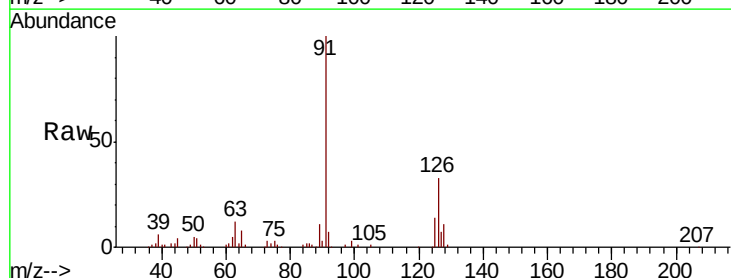
Acq: 24 Aug 2020 13:51

Tgt Ion: 91 Resp: 119802

Ion Ratio Lower Upper

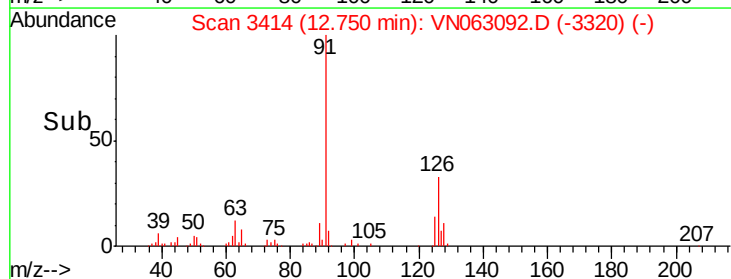
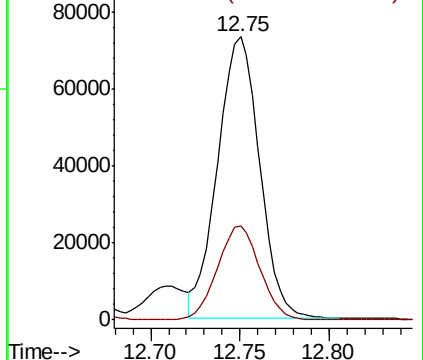
91 100

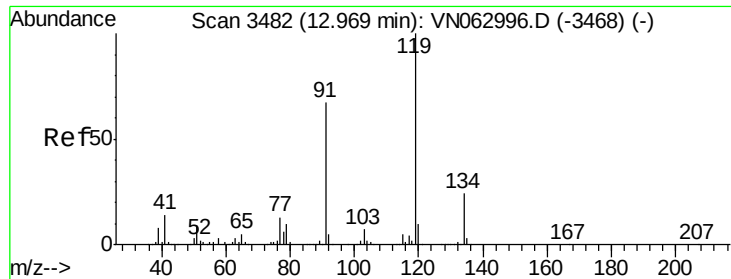
126 33.9 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

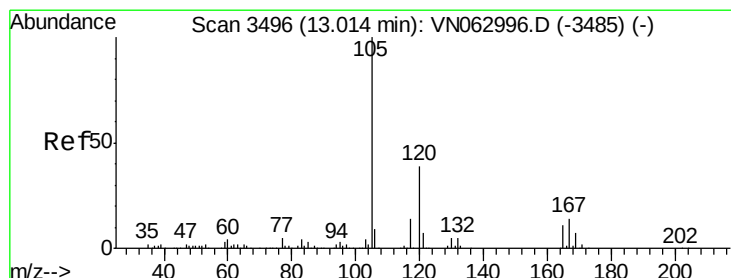
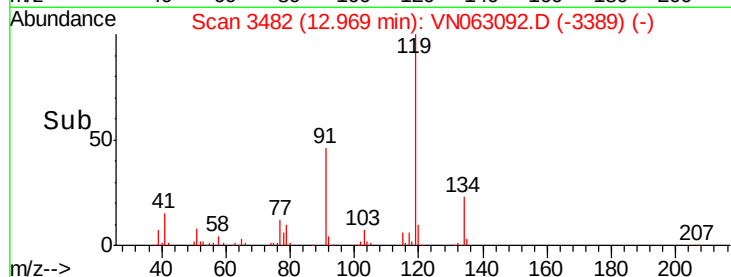
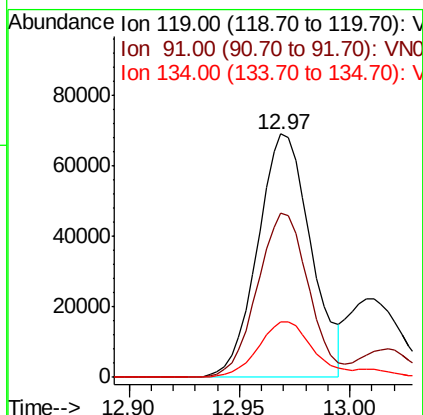
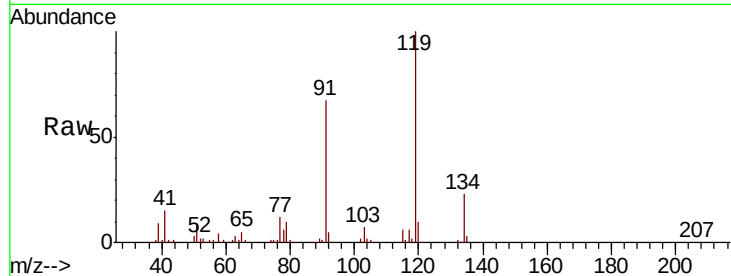




#83
 tert-Butylbenzene
 Concen: 19.376 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

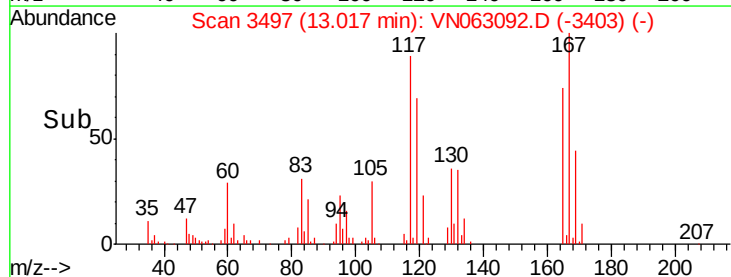
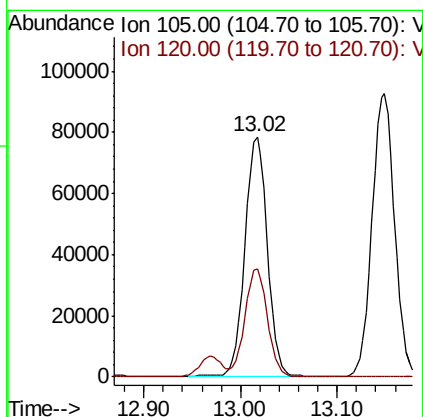
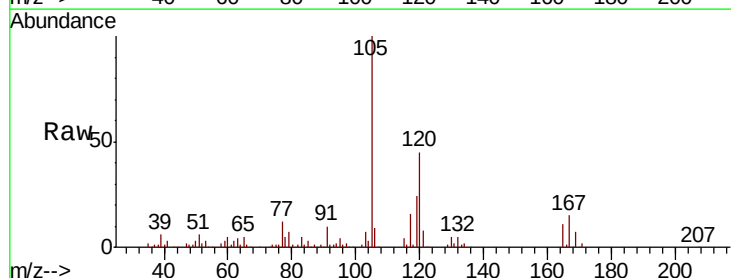
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

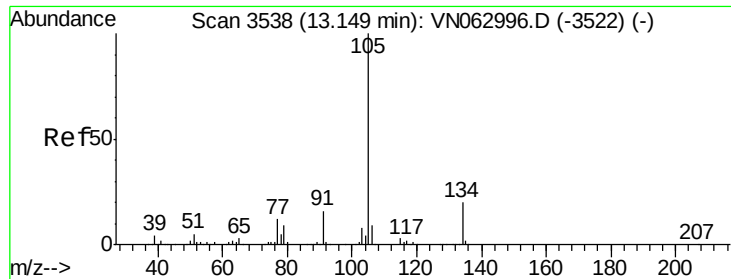
Tot Ion:119 Resp: 115515
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.5 97.4
 134 23.5 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.922 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion:105 Resp: 127330
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 18.598 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

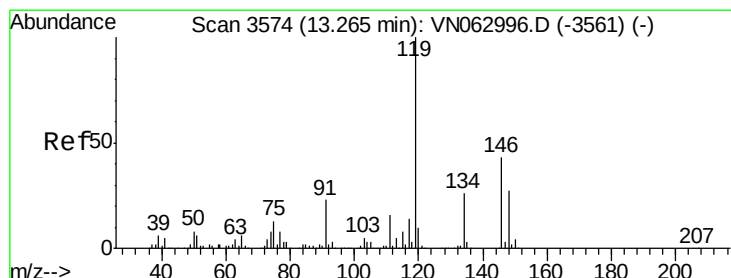
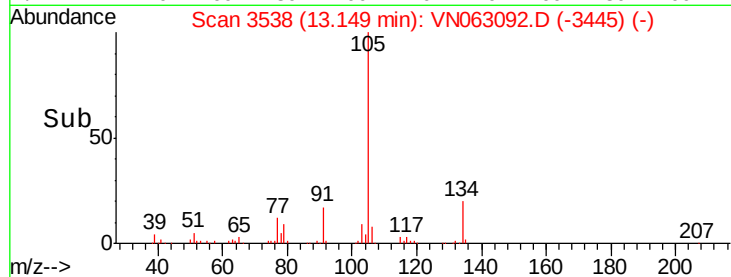
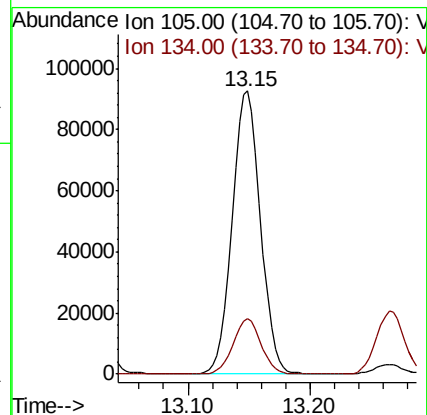
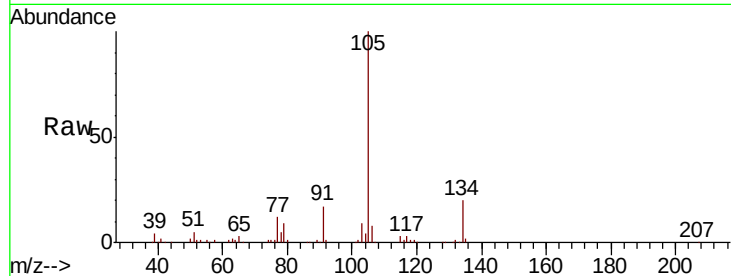
VN0824WBS01

Tot Ion:105 Resp: 149843

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 17.707 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

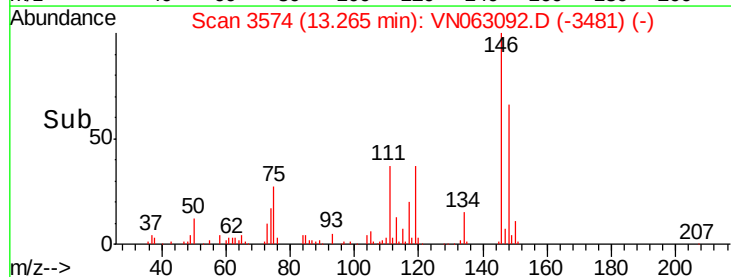
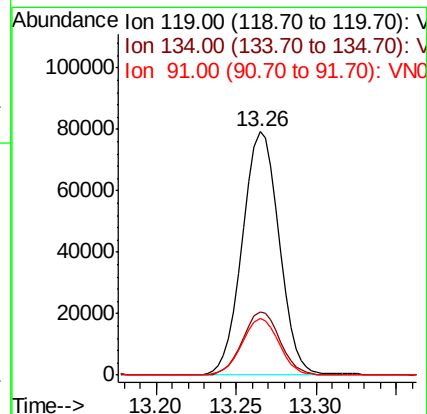
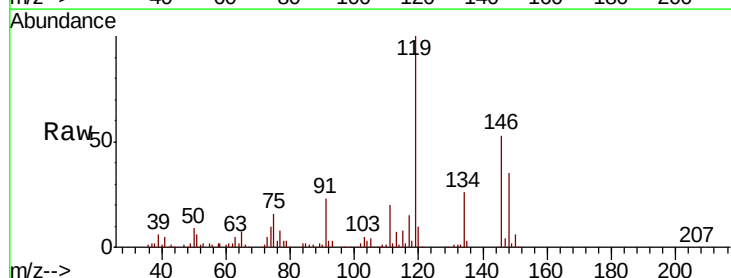
Tgt Ion:119 Resp: 124308

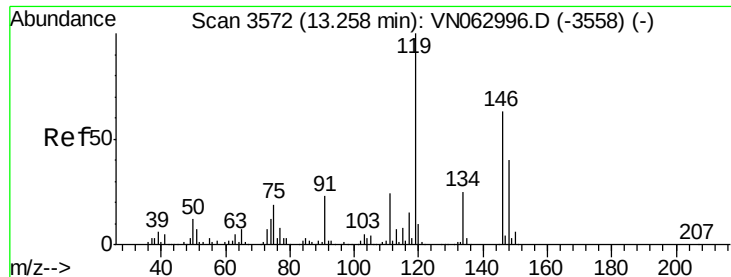
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.6 11.5 34.4

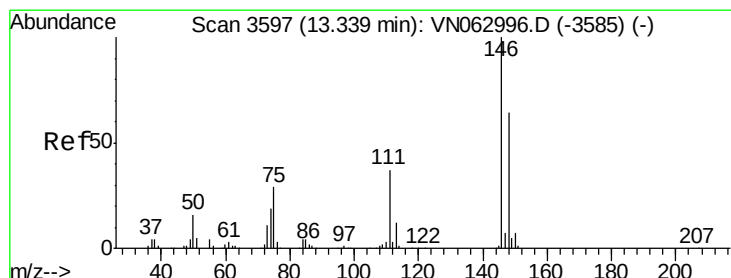
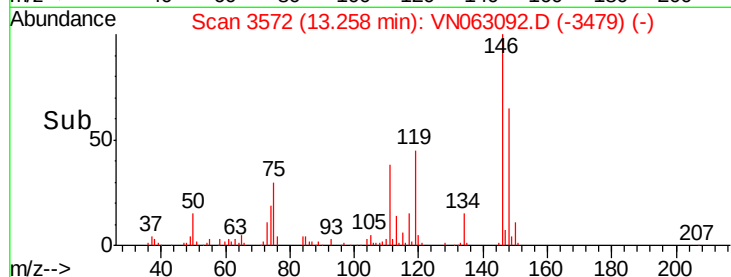
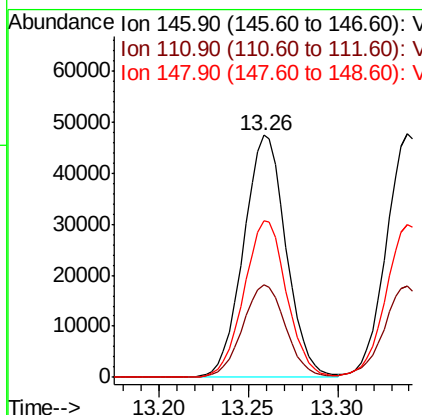
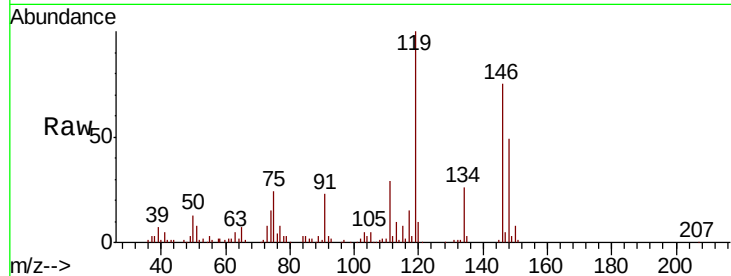




#87
 1,3-Dichlorobenzene
 Concen: 19.973 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

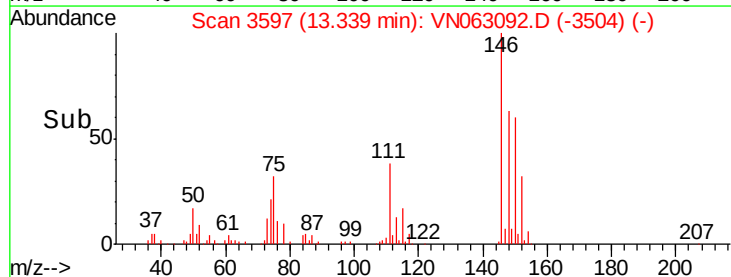
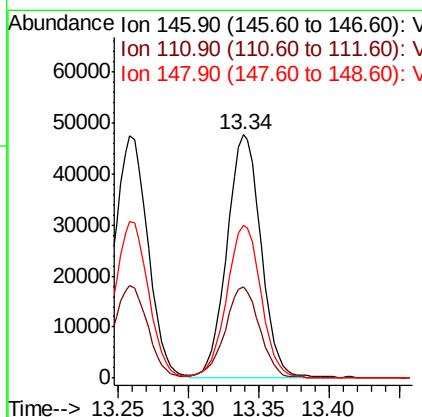
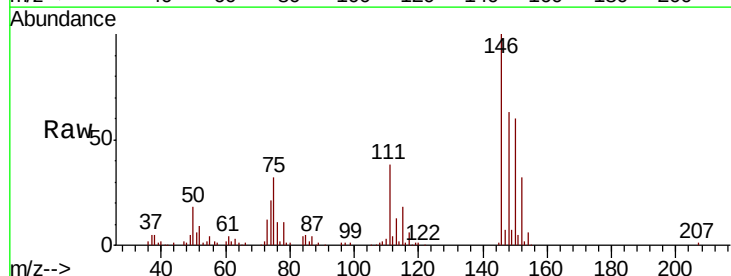
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

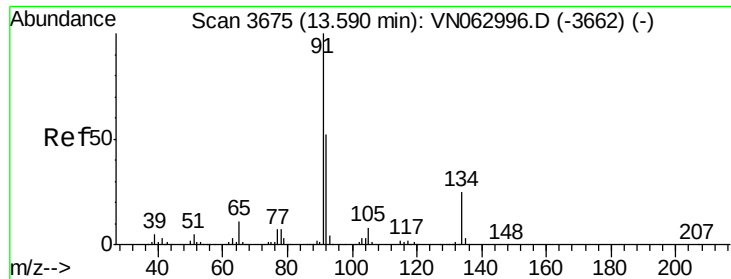
Tot Ion:146 Resp: 78882
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 65.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.024 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion:146 Resp: 80266
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.8 56.4
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 16.639 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

VN0824WBS01

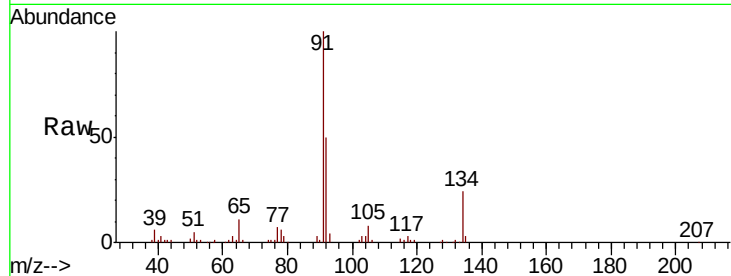
Tot Ion: 91 Resp: 97693

Ion Ratio Lower Upper

91 100

92 49.4 25.9 77.6

134 24.4 12.4 37.0

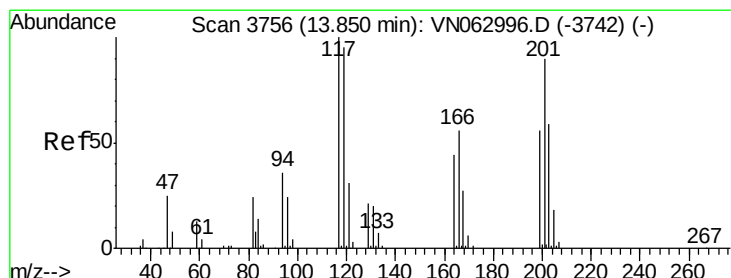
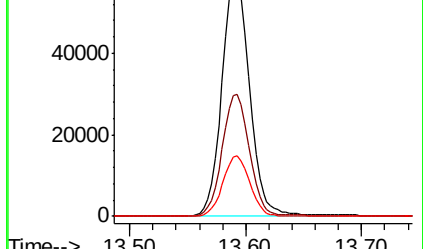
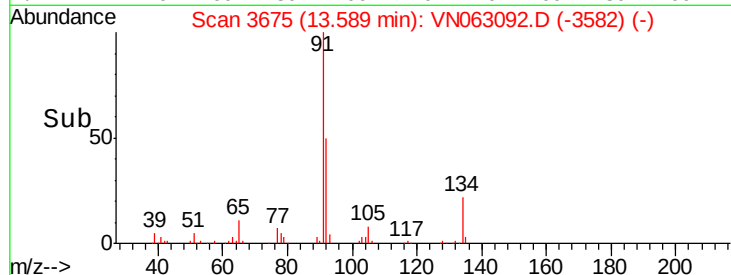


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)

Time-->



#90

Hexachloroethane

Concen: 18.045 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN063092.D

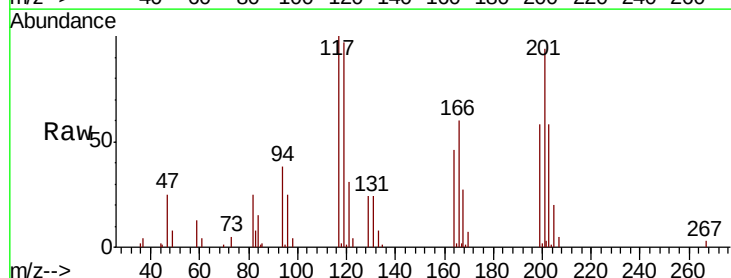
Acq: 24 Aug 2020 13:51

Tgt Ion: 117 Resp: 26927

Ion Ratio Lower Upper

117 100

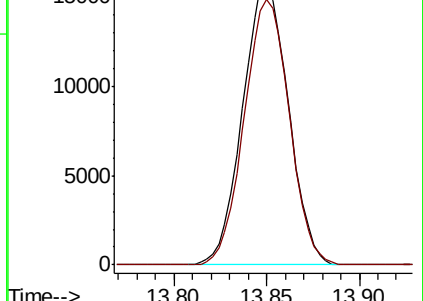
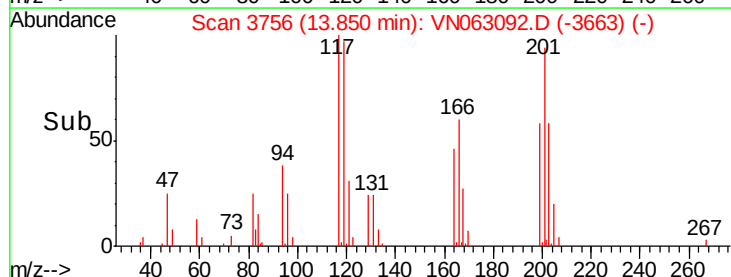
201 92.9 44.1 132.4

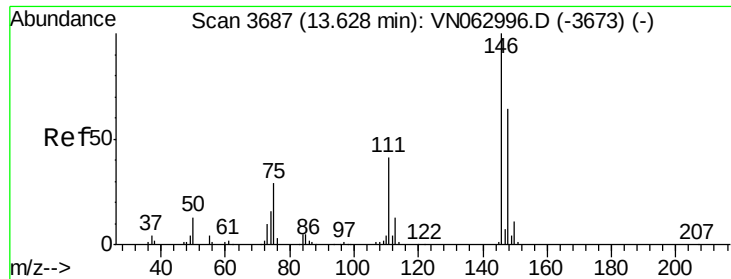


Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062996.D (-3742) (-)

Time-->

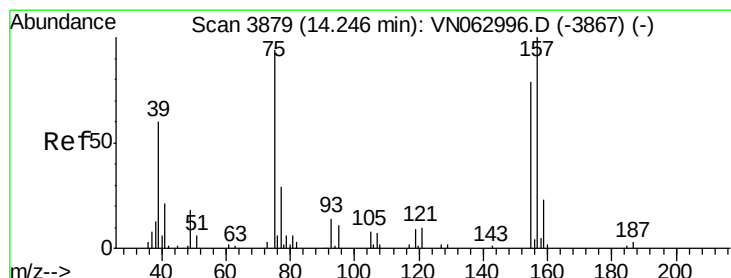
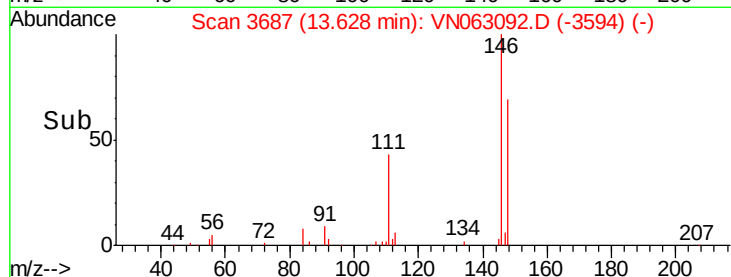
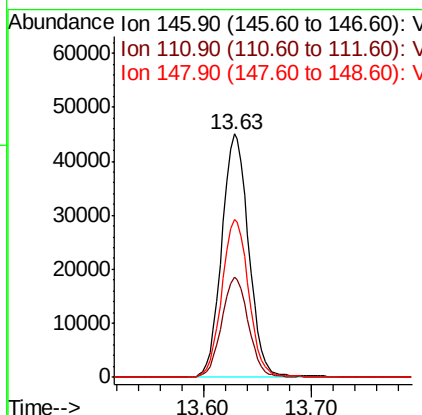
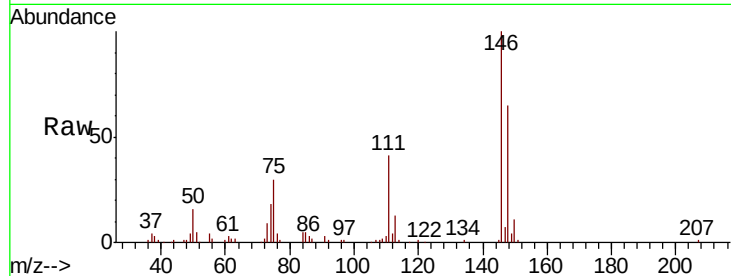




#91
 1,2-Dichlorobenzene
 Concen: 20.579 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

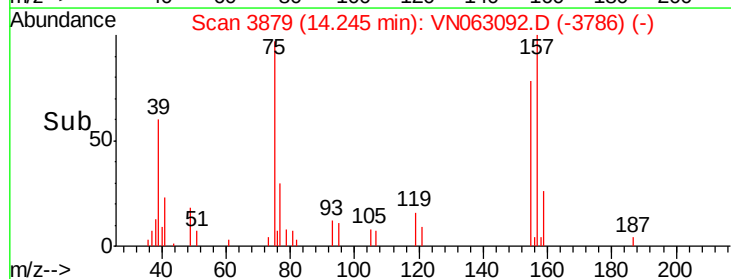
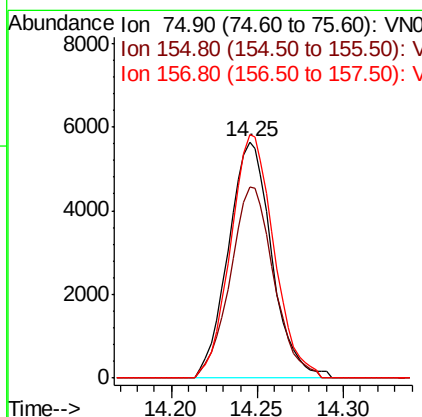
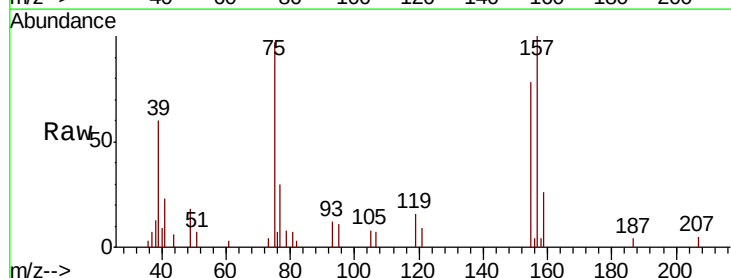
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

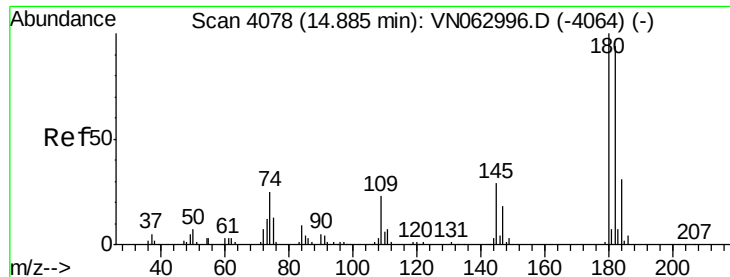
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.5
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.573 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	42.4	127.1
157	102.8	55.2	165.6

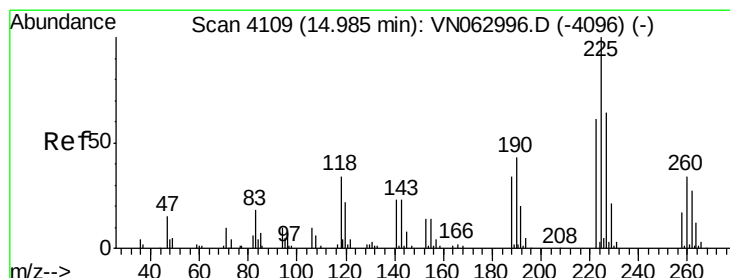
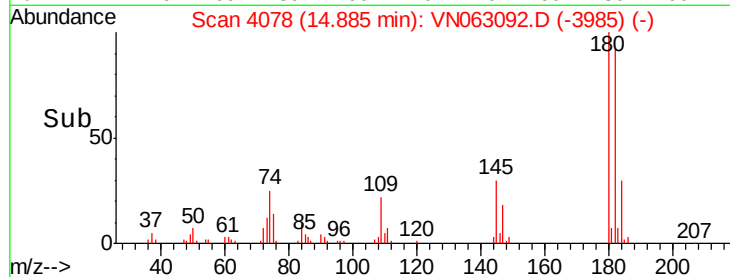
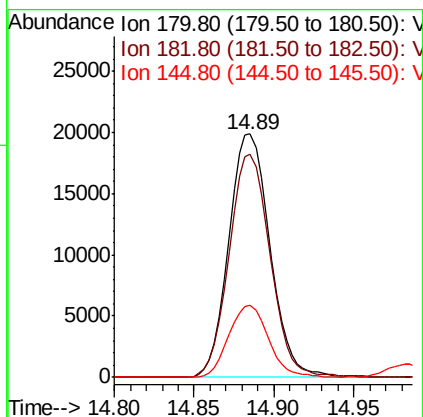
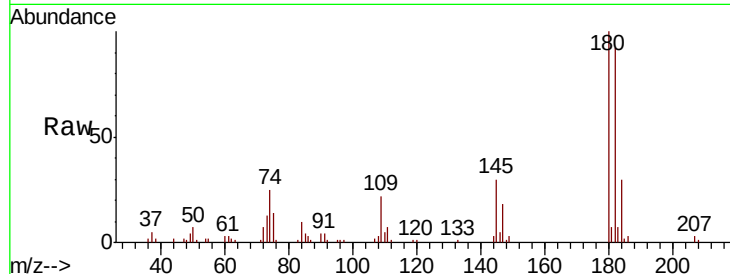




#93
 1,2,4-Trichlorobenzene
 Concen: 19.530 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

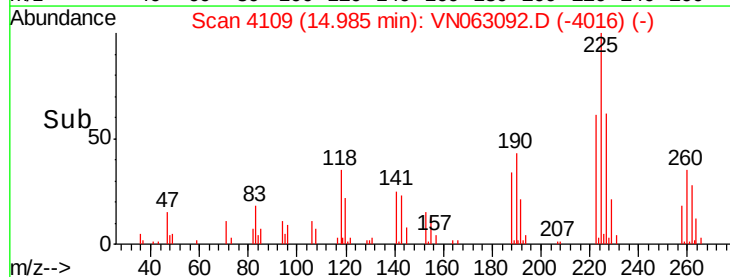
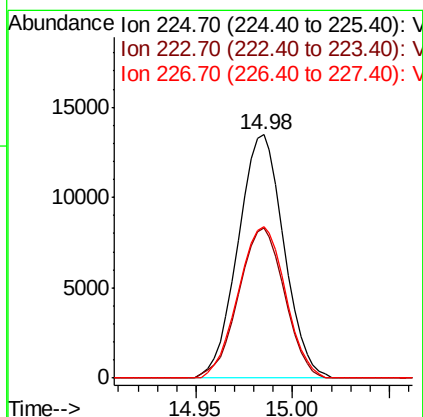
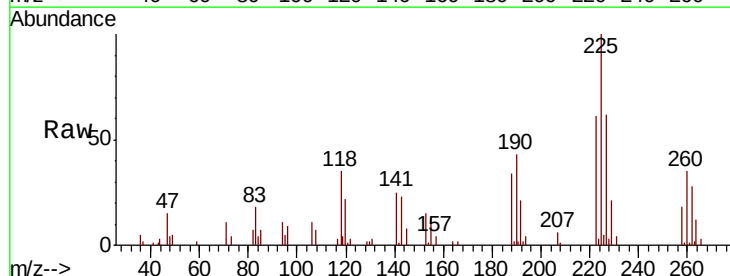
Instrument :
 MSVOA_N
 ClientSampled :
 VN0824WBS01

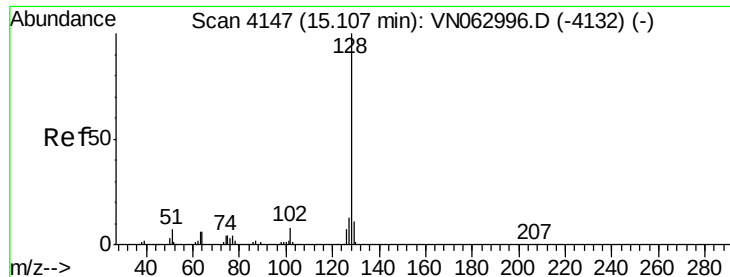
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.0	141.2
145	28.5	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 15.752 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063092.D
 Acq: 24 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.9	92.5
227	63.9	31.9	95.9





#95

Naphthalene

Concen: 19.181 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

VN0824WBS01

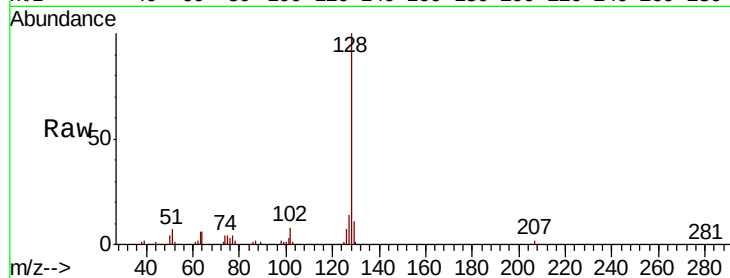
Tot Ion:128 Resp: 74296

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

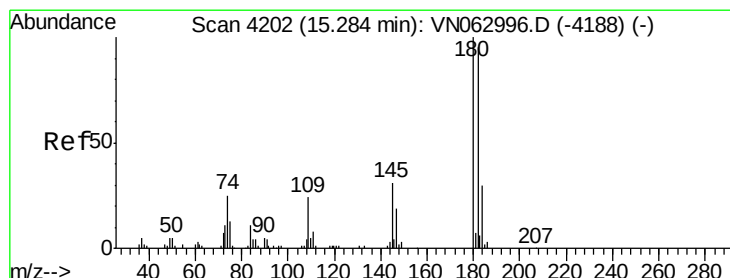
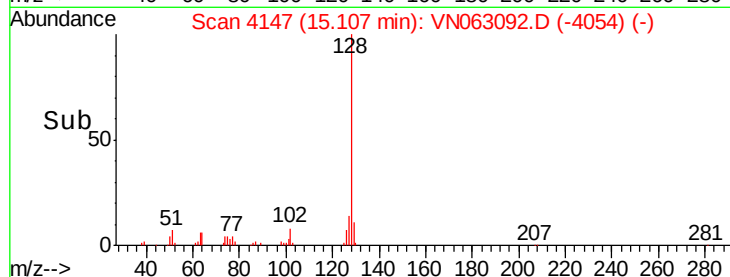
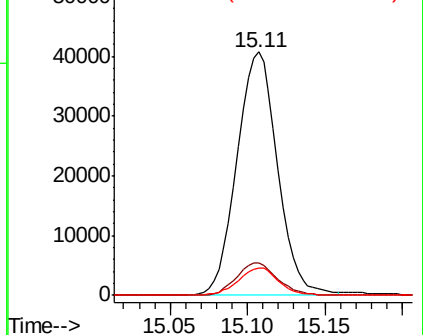
129 11.2 8.9 13.3



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: 18.367 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN063092.D

Acq: 24 Aug 2020 13:51

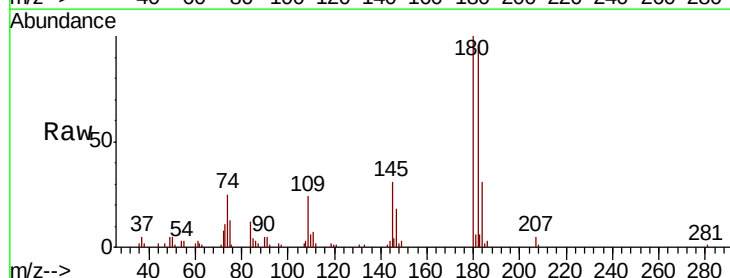
Tgt Ion:180 Resp: 32427

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 30.3 15.6 46.7



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

