

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064239.D
 Acq On : 22 Oct 2020 1:16
 Operator : JC/MD
 Sample : VN1021WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

Quant Time: Oct 22 02:42:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	275367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	452352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198317	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	206674	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	148890	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	10.06	98	534244	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.37	95	215979	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	63661	19.412	ug/l	100
3) Chloromethane	2.04	50	62989	19.791	ug/l	99
4) Vinyl Chloride	2.16	62	64033	20.294	ug/l	94
5) Bromomethane	2.53	94	39793	19.348	ug/l	99
6) Chloroethane	2.67	64	37649	19.600	ug/l	91
7) Trichlorofluoromethane	2.98	101	108026	20.819	ug/l	100
8) Diethyl Ether	3.37	74	34160	19.902	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	51985	19.374	ug/l	98
10) Methyl Iodide	3.91	142	67715	17.747	ug/l	98
11) Tert butyl alcohol	4.72	59	48819	89.182	ug/l	99
12) 1,1-Dichloroethene	3.70	96	50632	19.619	ug/l	90
13) Acrolein	3.57	56	22028	64.105	ug/l	95
14) Allyl chloride	4.27	41	99343	19.233	ug/l	99
15) Acrylonitrile	4.92	53	104721	92.514	ug/l #	86
16) Acetone	3.77	43	110524	94.459	ug/l	97
17) Carbon Disulfide	4.01	76	145269	19.733	ug/l	100
18) Methyl Acetate	4.27	43	59467	19.945	ug/l	94
19) Methyl tert-butyl Ether	4.98	73	170485	19.215	ug/l	99
20) Methylene Chloride	4.50	84	59120	18.948	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	55898	19.642	ug/l	97
22) Diisopropyl ether	5.89	45	181635	18.916	ug/l	91
23) Vinyl Acetate	5.84	43	821509	95.934	ug/l	99
24) 1,1-Dichloroethane	5.80	63	111217	19.994	ug/l	99
25) 2-Butanone	6.78	43	169442	91.147	ug/l	98
26) 2,2-Dichloropropane	6.77	77	88565	15.993	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	66905	20.187	ug/l	93
28) Bromochloromethane	7.15	49	49225	18.628	ug/l	96
29) Tetrahydrofuran	7.16	42	102346	92.038	ug/l	97
30) Chloroform	7.32	83	115428	19.454	ug/l	98
31) Cyclohexane	7.61	56	91315	18.837	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	113809	20.475	ug/l	98
36) 1,1-Dichloropropene	7.75	75	84996	18.847	ug/l	99
37) Ethyl Acetate	6.87	43	76854	18.770	ug/l	97
38) Carbon Tetrachloride	7.73	117	101190	19.721	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064239.D
 Acq On : 22 Oct 2020 1:16
 Operator : JC/MD
 Sample : VN1021WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

Quant Time: Oct 22 02:42:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	76274	18.600	ug/l	99
40) Benzene	8.00	78	236892	19.029	ug/l	96
41) Methacrylonitrile	7.11	41	29399	13.688	ug/l #	80
42) 1,2-Dichloroethane	8.08	62	99851	18.724	ug/l	100
43) Isopropyl Acetate	8.12	43	142508	18.675	ug/l #	92
44) Trichloroethene	8.80	130	66852	19.707	ug/l	89
45) 1,2-Dichloropropane	9.08	63	63460	19.095	ug/l	95
46) Dibromomethane	9.17	93	44070	19.749	ug/l	97
47) Bromodichloromethane	9.37	83	95859	19.443	ug/l	99
48) Methyl methacrylate	9.16	41	69620	17.465	ug/l	97
49) 1,4-Dioxane	9.16	88	16828	360.801	ug/l #	85
51) 4-Methyl-2-Pentanone	9.95	43	375991	92.193	ug/l	99
52) Toluene	10.12	92	151509	19.021	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103638	18.923	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	105703	18.330	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	57777	19.205	ug/l	97
56) Ethyl methacrylate	10.40	69	88799	19.089	ug/l	98
57) 1,3-Dichloropropane	10.68	76	101422	19.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	215450	89.945	ug/l	98
59) 2-Hexanone	10.72	43	268027	89.989	ug/l	100
60) Dibromochloromethane	10.87	129	71161	18.272	ug/l	99
61) 1,2-Dibromoethane	10.97	107	60203	18.964	ug/l	98
64) Tetrachloroethene	10.60	164	64372	19.275	ug/l	96
65) Chlorobenzene	11.40	112	164835	19.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63881	18.742	ug/l	98
67) Ethyl Benzene	11.48	91	300946	19.071	ug/l	100
68) m/p-Xylenes	11.60	106	218585	37.386	ug/l	100
69) o-Xylene	11.92	106	106679	18.866	ug/l	99
70) Styrene	11.94	104	176436	18.615	ug/l	98
71) Bromoform	12.10	173	48824	18.543	ug/l #	95
73) Isopropylbenzene	12.22	105	287139	18.984	ug/l	99
74) N-amyl acetate	12.04	43	121480	18.587	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	73389	18.284	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	109448	26.178	ug/l #	100
77) Bromobenzene	12.50	156	69038	19.334	ug/l	99
78) n-propylbenzene	12.56	91	312455	18.321	ug/l	99
79) 2-Chlorotoluene	12.65	91	200166	19.109	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	234529	18.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26263	15.860	ug/l	92
82) 4-Chlorotoluene	12.75	91	210889	19.301	ug/l	98
83) tert-Butylbenzene	12.97	119	193966	18.501	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	243591	19.139	ug/l	100
85) sec-Butylbenzene	13.14	105	247596	18.733	ug/l	99
86) p-Isopropyltoluene	13.26	119	225015	18.695	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	118155	18.596	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	119647	18.398	ug/l	99
89) n-Butylbenzene	13.59	91	196028	18.169	ug/l	99
90) Hexachloroethane	13.85	117	38843	17.820	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	113269	18.172	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18957	18.931	ug/l	97

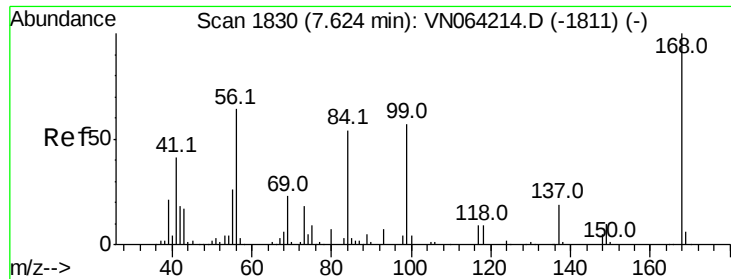
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
Data File : VN064239.D
Acq On : 22 Oct 2020 1:16
Operator : JC/MD
Sample : VN1021WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

Quant Time: Oct 22 02:42:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	64957	18.580	ug/l	100
94) Hexachlorobutadiene	14.98	225	31071	16.478	ug/l	95
95) Naphthalene	15.10	128	192177	18.356	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	62426	18.029	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

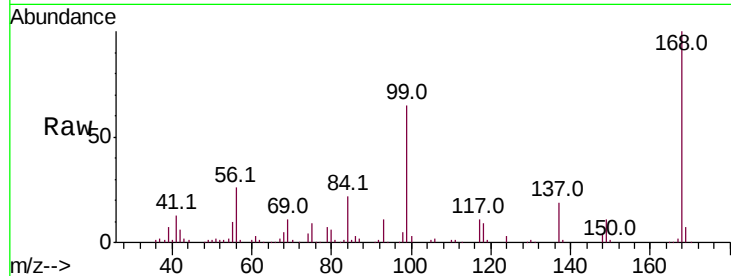
VN1021WBS02

Tot Ion:168 Resp: 275367

Ion Ratio Lower Upper

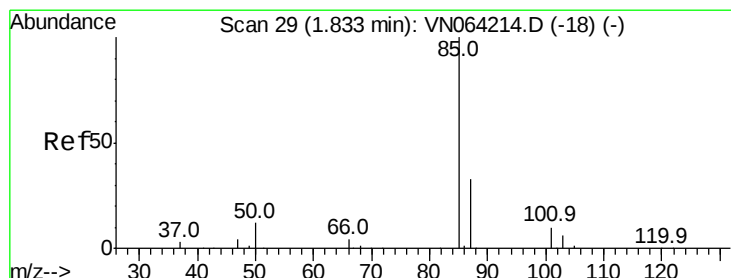
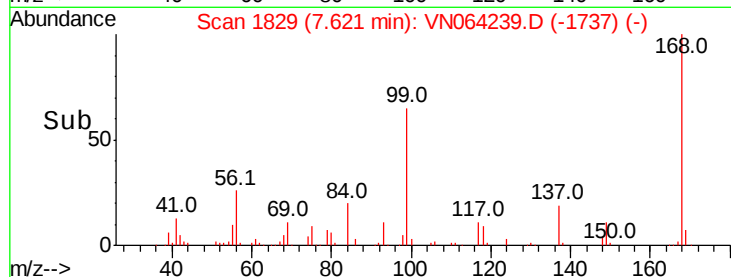
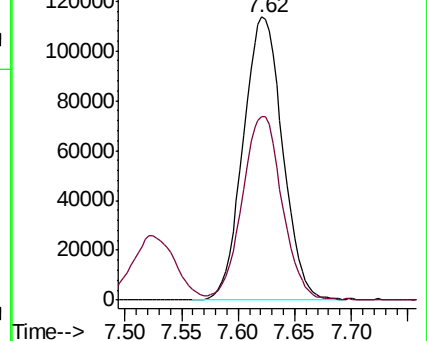
168 100

99 64.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.412 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064239.D

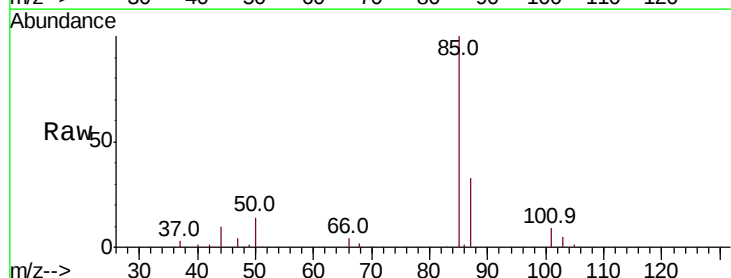
Acq: 22 Oct 2020 1:16

Tgt Ion: 85 Resp: 63661

Ion Ratio Lower Upper

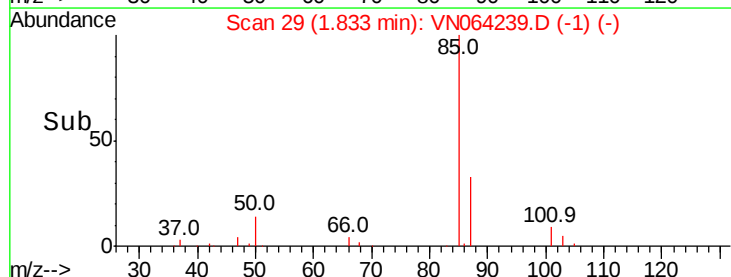
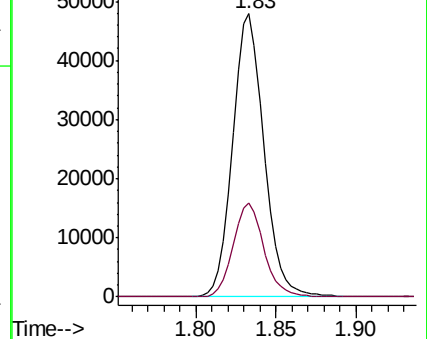
85 100

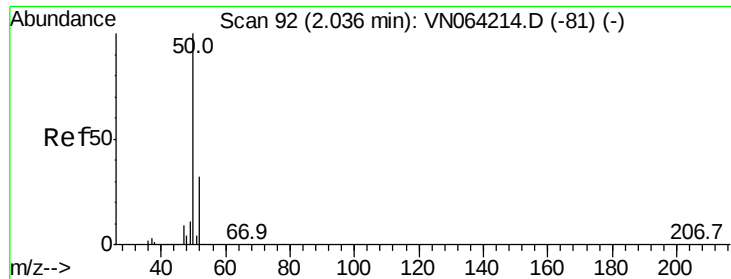
87 33.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

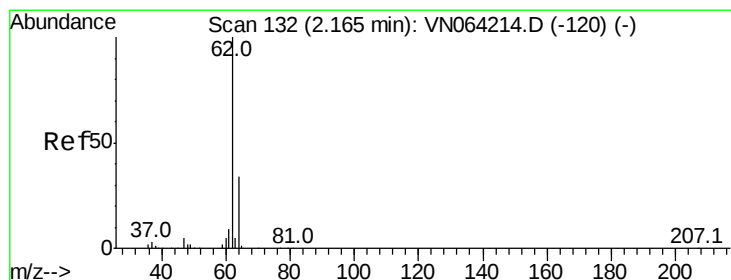
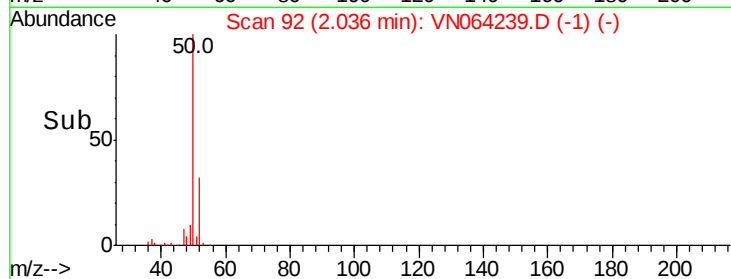
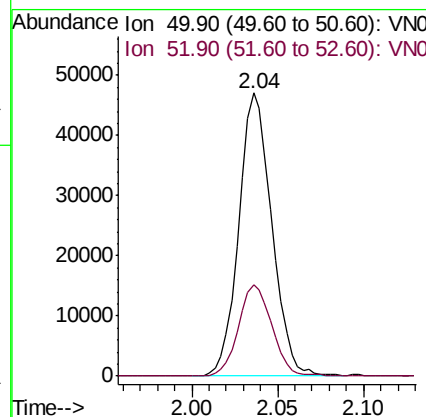
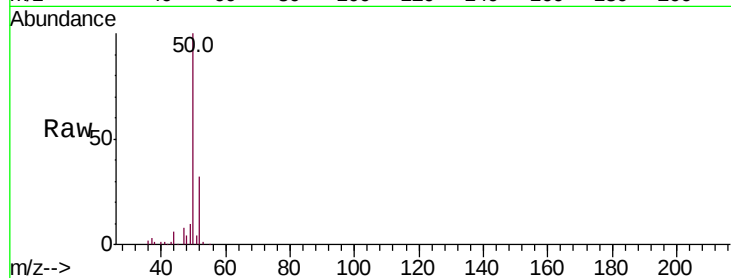




#3
Chloromethane
Concen: 19.791 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

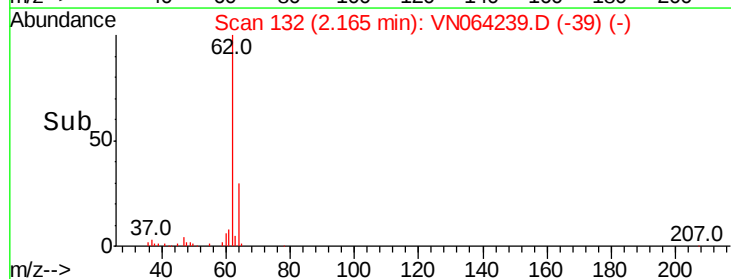
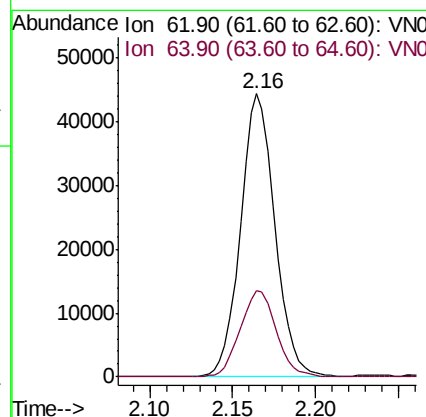
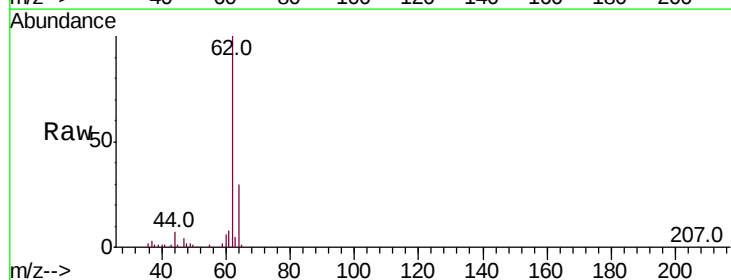
Instrument :
MSVOA_N
ClientSampled :
VN1021WBS02

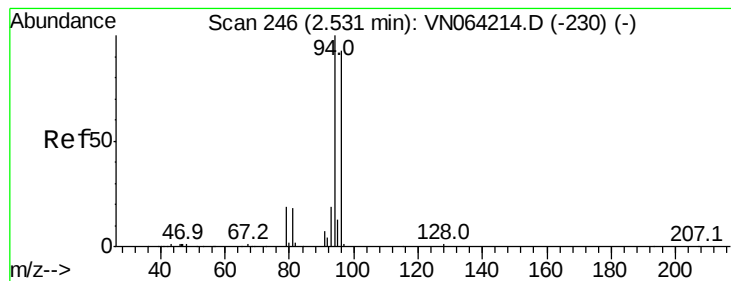
Tot Ion: 50 Resp: 62989
Ion Ratio Lower Upper
50 100
52 32.1 25.3 37.9



#4
Vinyl Chloride
Concen: 20.294 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 62 Resp: 64033
Ion Ratio Lower Upper
62 100
64 30.3 26.8 40.2





#5

Bromomethane

Concen: 19.348 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

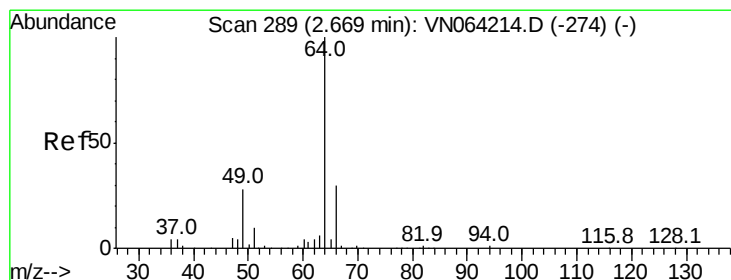
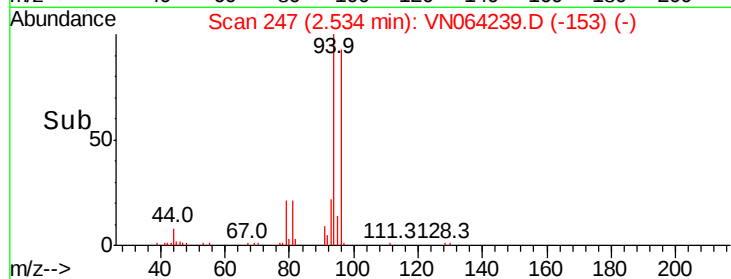
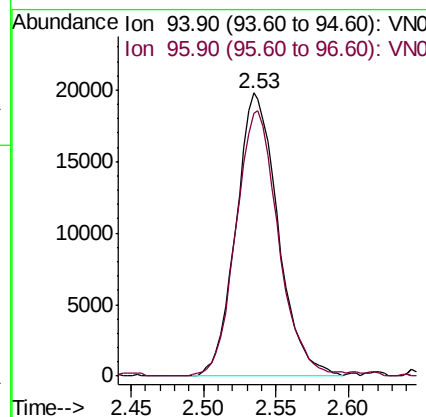
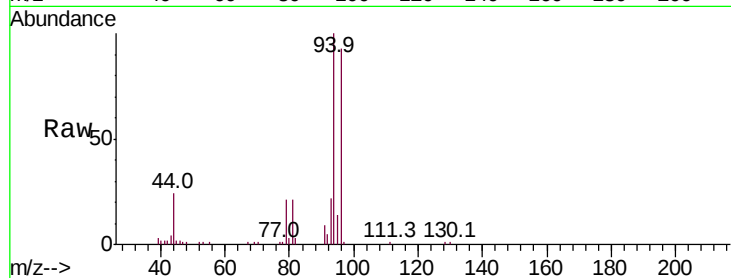
VN1021WBS02

Tot Ion: 94 Resp: 39793

Ion Ratio Lower Upper

94 100

96 92.1 74.2 111.4



#6

Chloroethane

Concen: 19.600 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064239.D

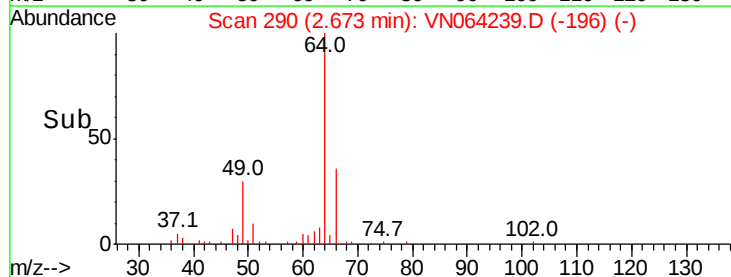
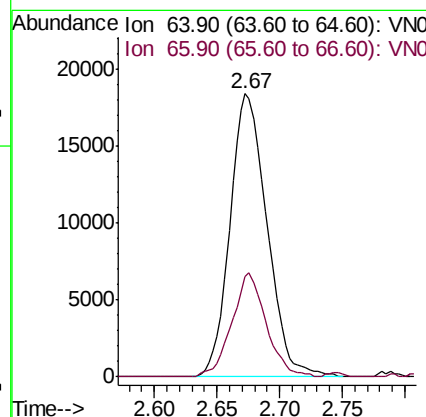
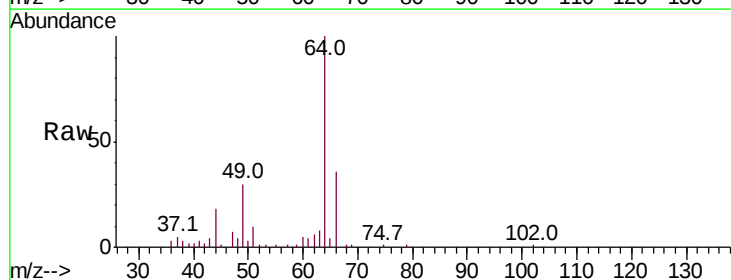
Acq: 22 Oct 2020 1:16

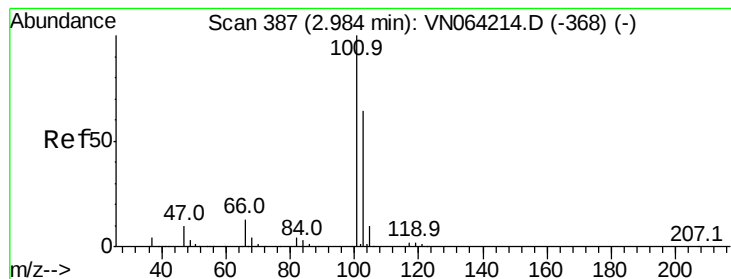
Tgt Ion: 64 Resp: 37649

Ion Ratio Lower Upper

64 100

66 35.6 24.5 36.7



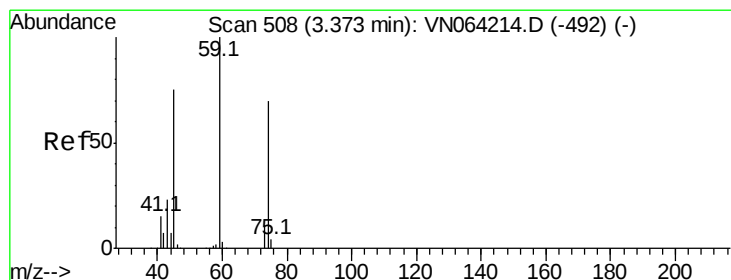
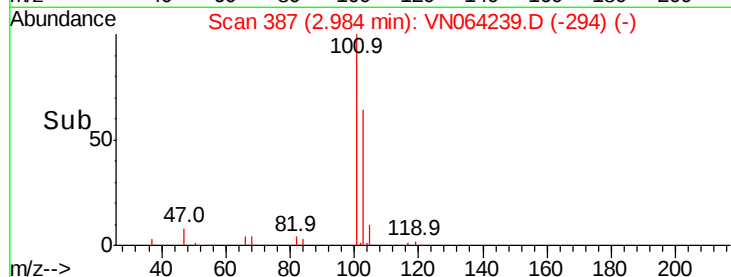
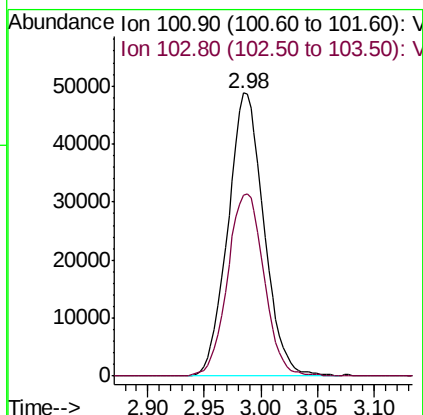
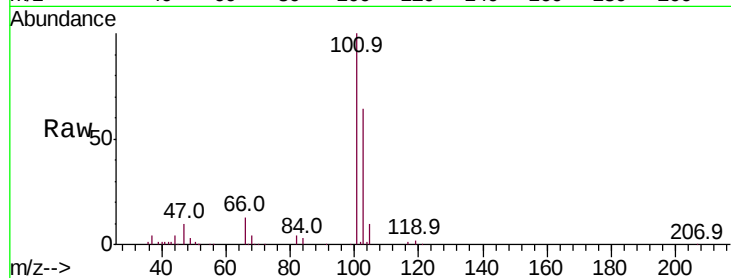


#7

Trichlorofluoromethane
Concen: 20.819 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Instrument :
MSVOA_N
ClientSampled :
VN1021WBS02

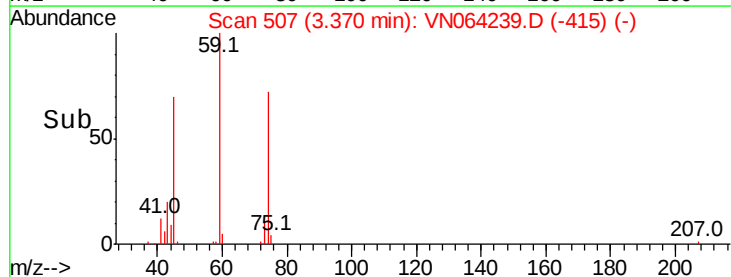
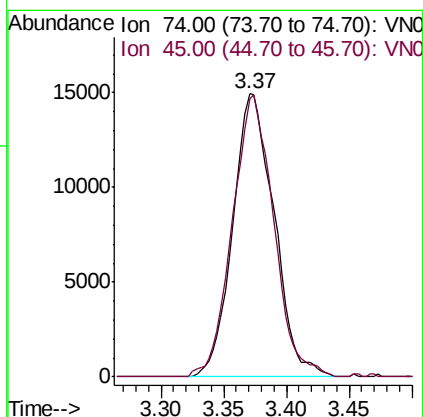
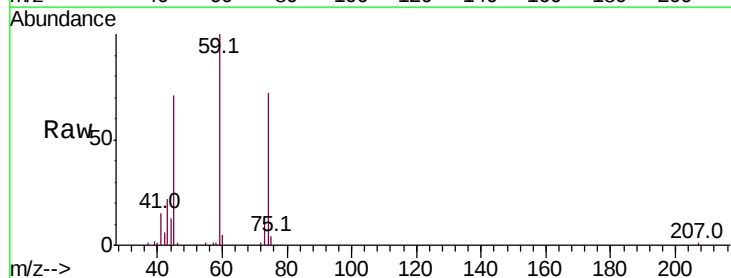
Tot Ion:101 Resp: 108026
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.6

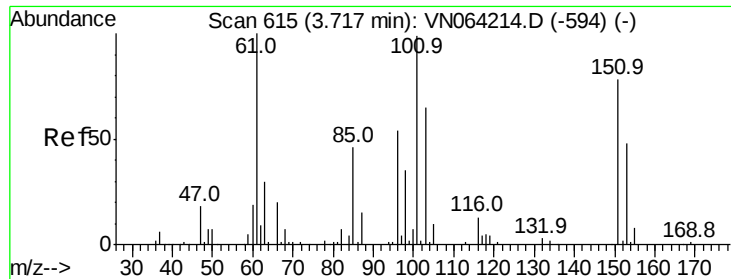


#8

Diethyl Ether
Concen: 19.902 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 74 Resp: 34160
Ion Ratio Lower Upper
74 100
45 99.8 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.374 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

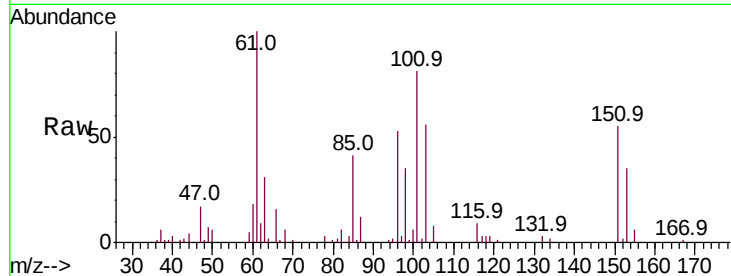
Tot Ion:101 Resp: 51985

Ion Ratio Lower Upper

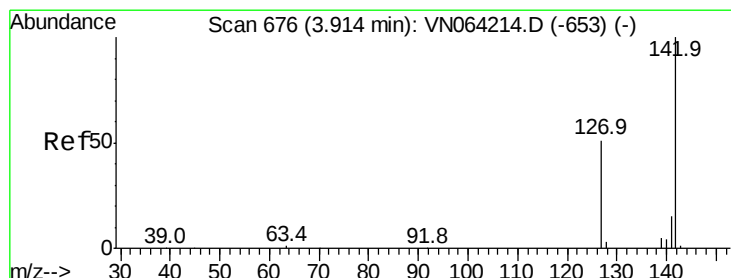
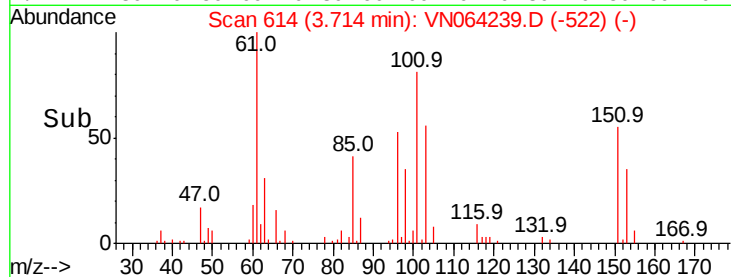
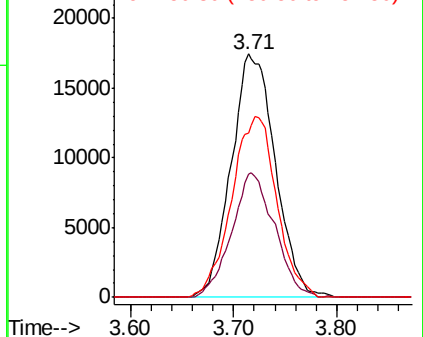
101 100

85 49.6 37.8 56.8

151 75.7 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.747 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

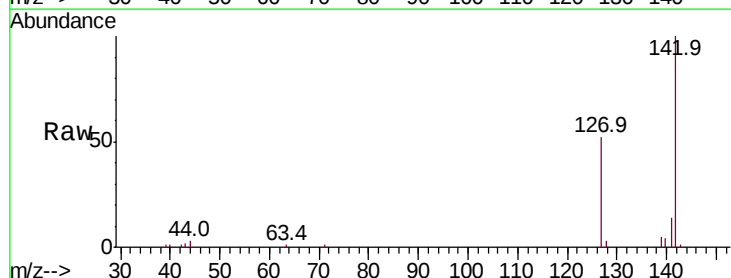
Tgt Ion:142 Resp: 67715

Ion Ratio Lower Upper

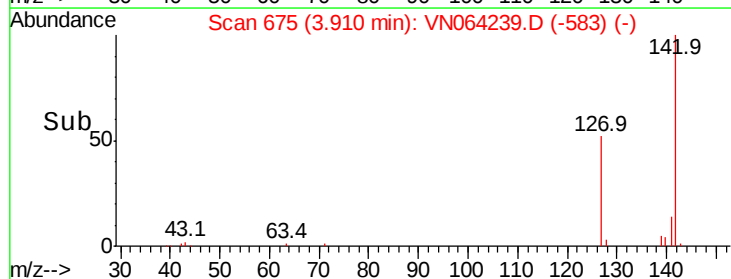
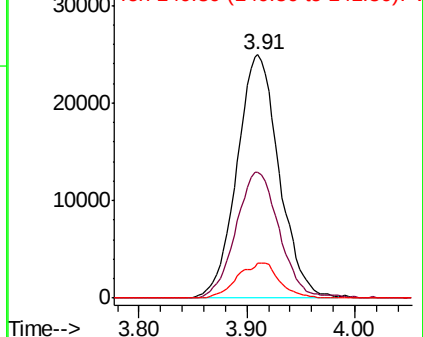
142 100

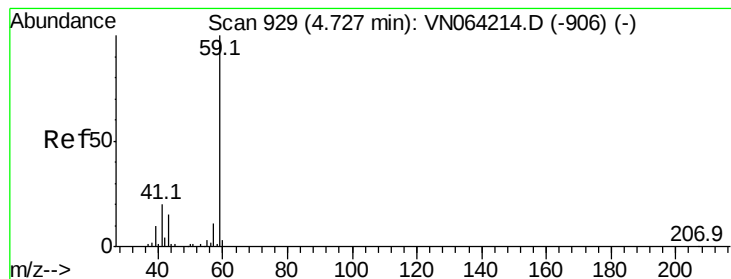
127 53.3 41.0 61.6

141 14.3 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: 89.182 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

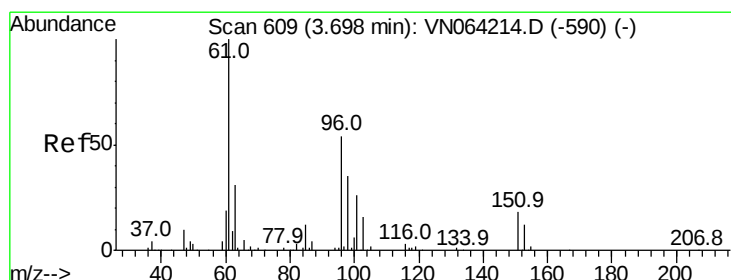
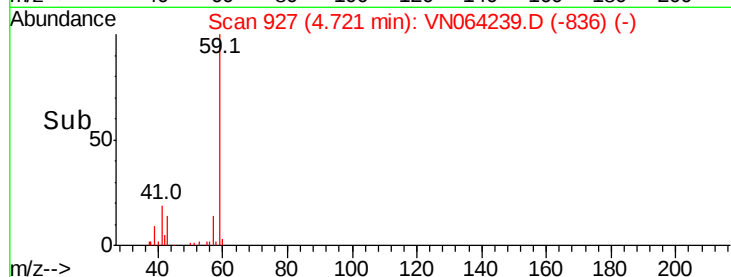
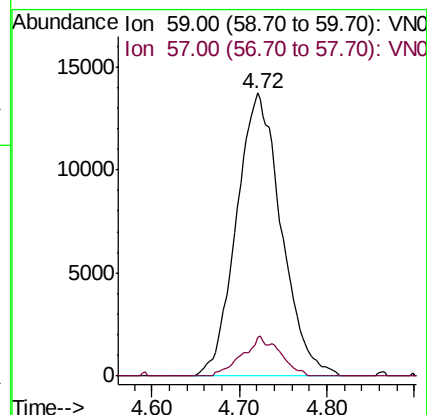
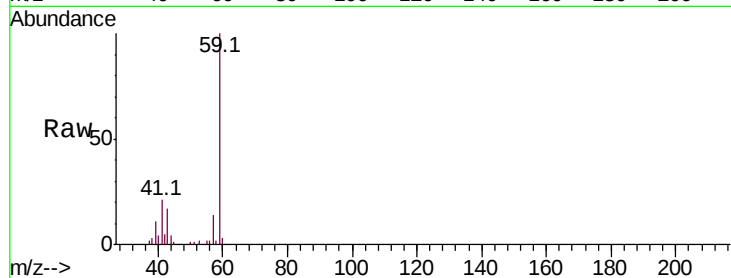
VN1021WBS02

Tot Ion: 59 Resp: 48819

Ion Ratio Lower Upper

59 100

57 11.7 9.2 13.8



#12

1,1-Dichloroethene

Concen: 19.619 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

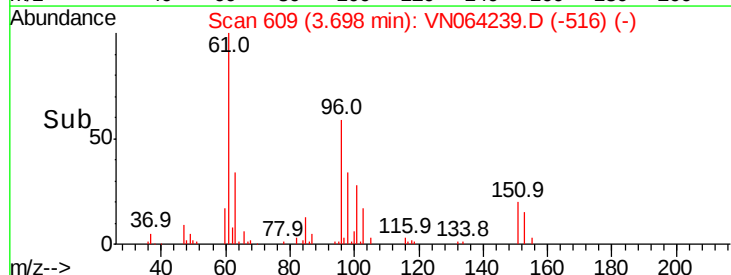
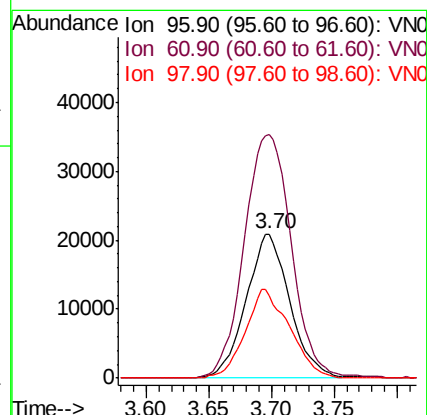
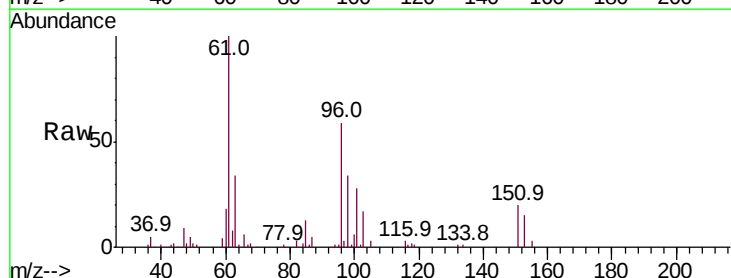
Tgt Ion: 96 Resp: 50632

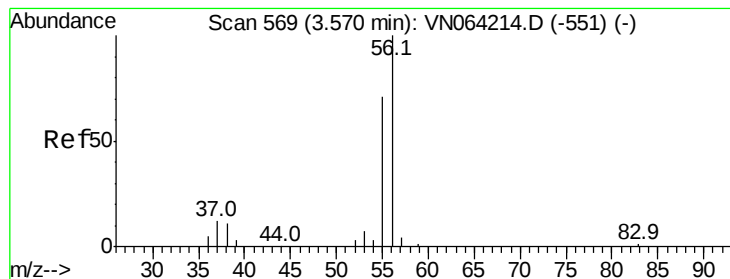
Ion Ratio Lower Upper

96 100

61 169.1 147.0 220.4

98 56.8 51.7 77.5





#13

Acrolein

Concen: 64.105 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

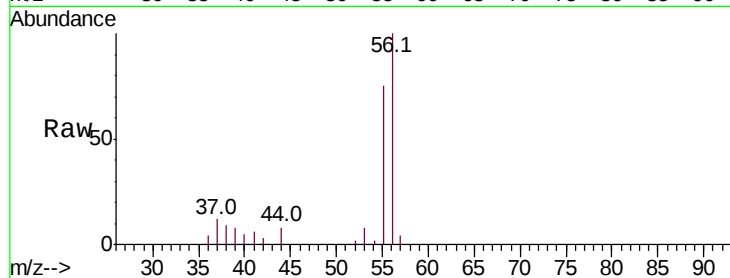
VN1021WBS02

Tot Ion: 56 Resp: 22028

Ion Ratio Lower Upper

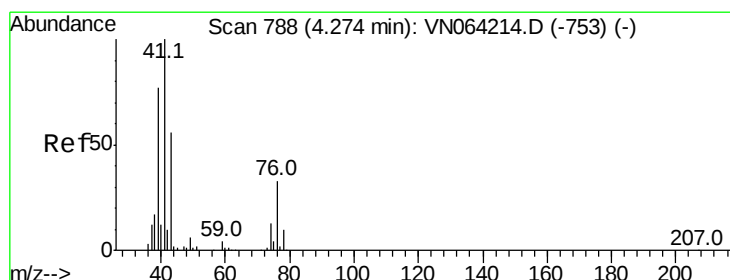
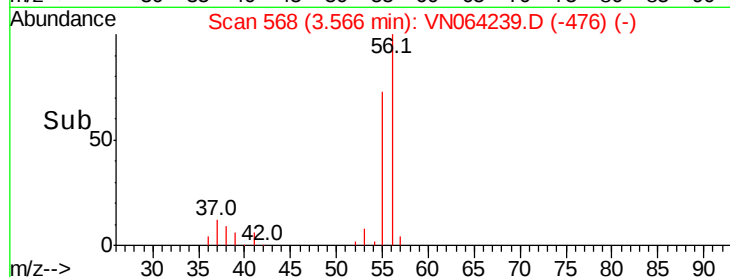
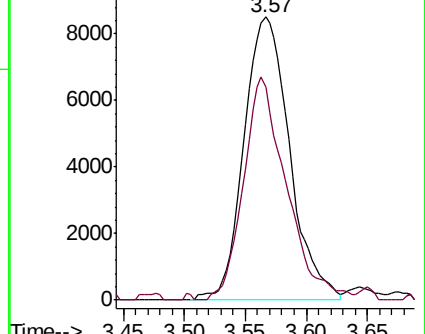
56 100

55 74.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN064214.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064214.D (-551) (-)



#14

Allyl chloride

Concen: 19.233 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

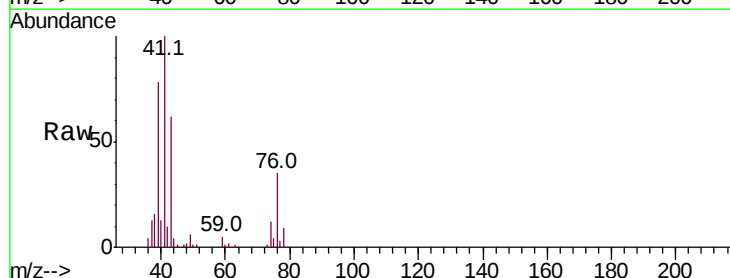
Tgt Ion: 41 Resp: 99343

Ion Ratio Lower Upper

41 100

39 72.5 58.6 88.0

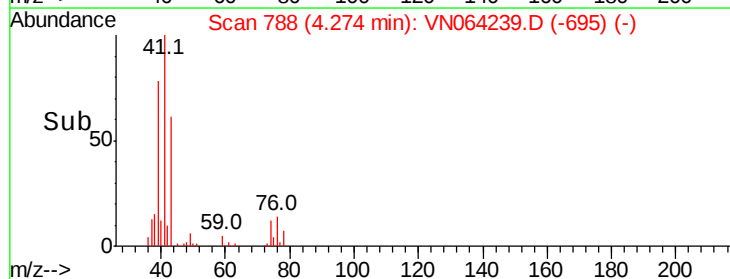
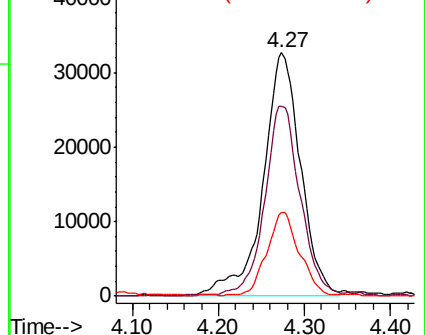
76 30.3 24.5 36.7

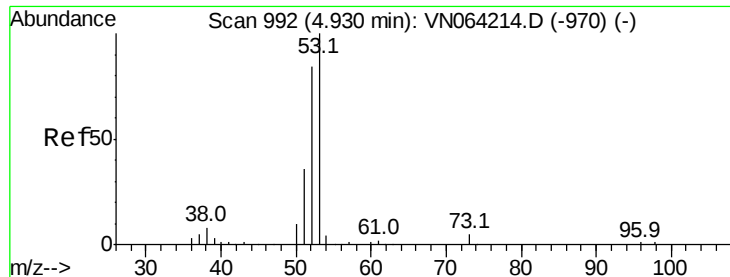


Abundance Ion 41.00 (40.70 to 41.70): VN064214.D (-753) (-)

Ion 39.00 (38.70 to 39.70): VN064214.D (-753) (-)

Ion 75.90 (75.60 to 76.60): VN064214.D (-753) (-)





#15

Acrylonitrile

Concen: 92.514 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

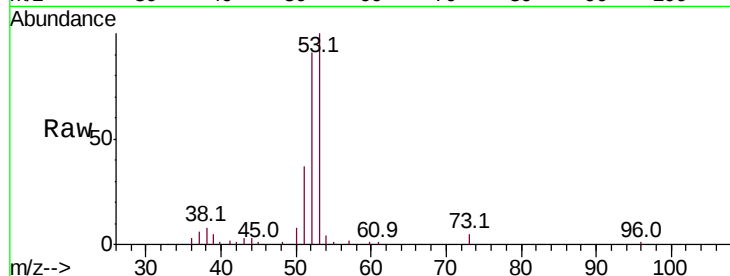
Tot Ion: 53 Resp: 104721

Ion Ratio Lower Upper

53 100

52 86.4 66.8 100.2

51 16.0 30.7 46.1#



Abundance Ion 53.00 (52.70 to 53.70): VN064214.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064214.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064214.D (-970) (-)

4.92

30000

20000

10000

0

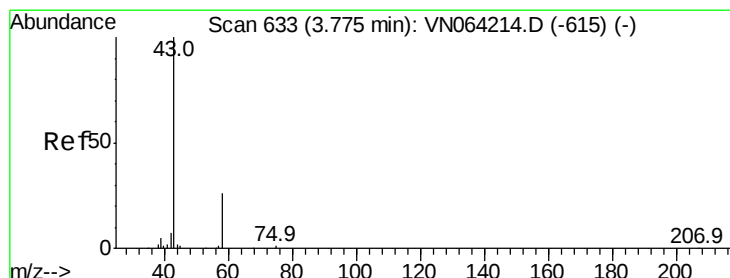
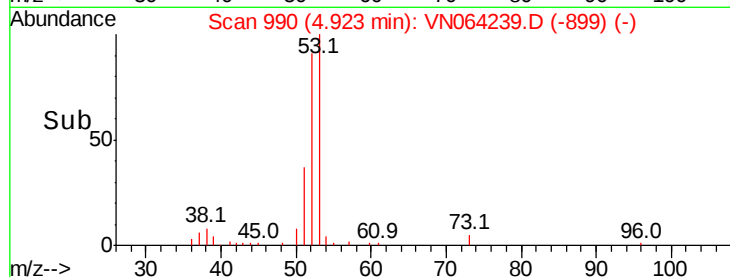
Time-->

4.80 4.90 5.00

4.92

4.92

4.92



#16

Acetone

Concen: 94.459 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN064239.D

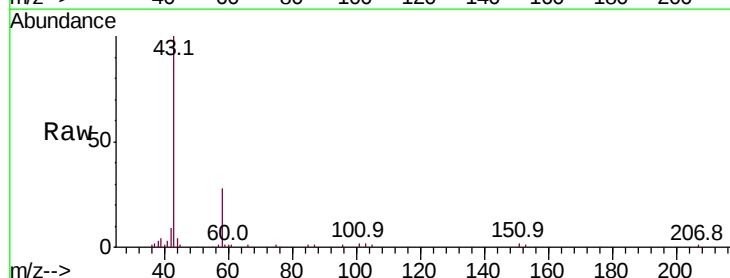
Acq: 22 Oct 2020 1:16

Tgt Ion: 43 Resp: 110524

Ion Ratio Lower Upper

43 100

58 27.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-615) (-)

Ion 58.00 (57.70 to 58.70): VN064214.D (-615) (-)

3.77

40000

30000

20000

10000

0

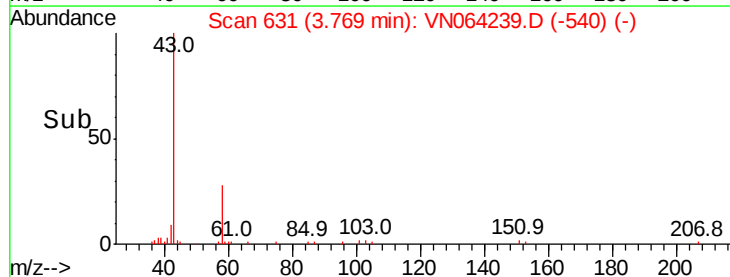
Time-->

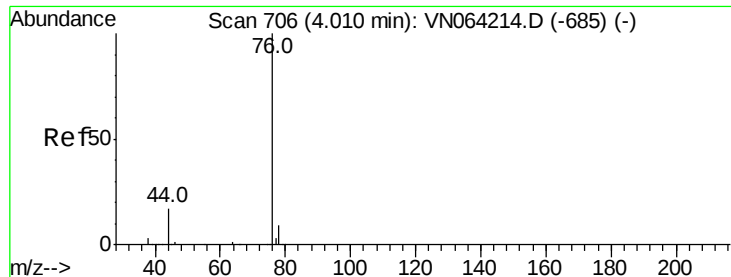
3.60 3.70 3.80 3.90

3.77

3.77

3.77

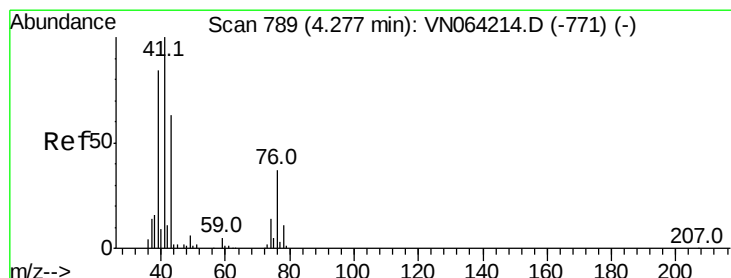
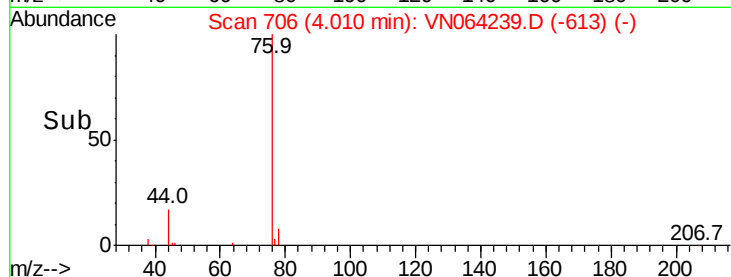
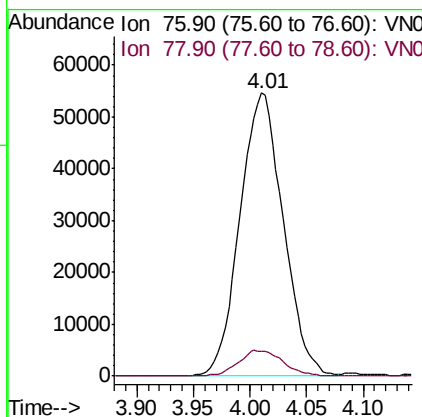
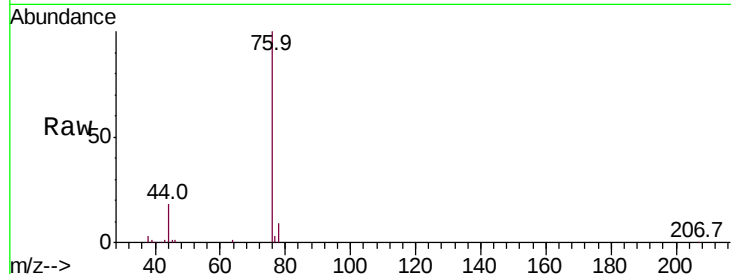




#17
Carbon Disulfide
Concen: 19.733 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

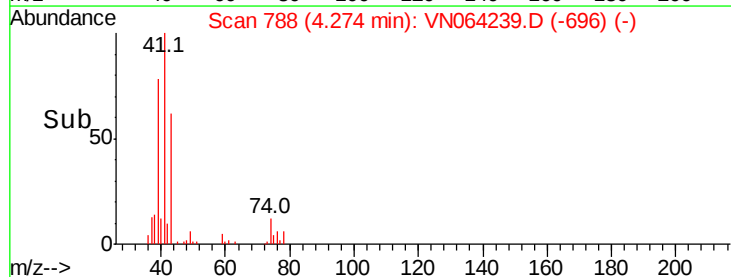
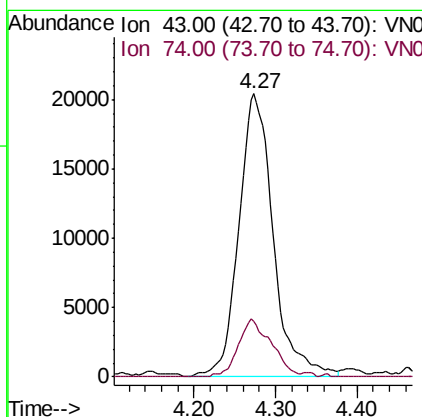
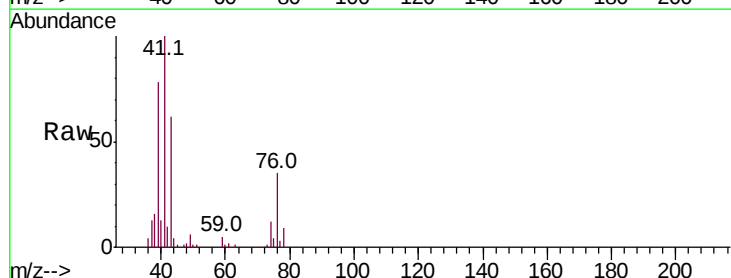
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

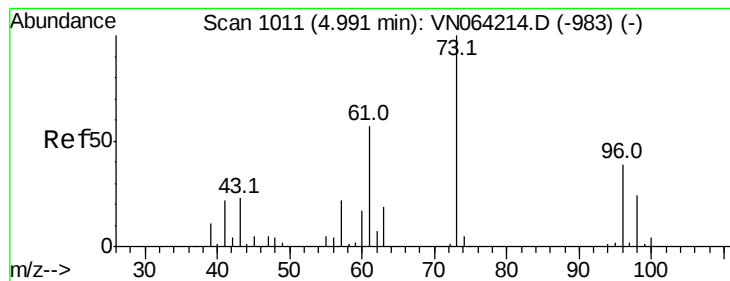
Tot Ion: 76 Resp: 145269
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 19.945 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 43 Resp: 59467
Ion Ratio Lower Upper
43 100
74 19.7 17.9 26.9



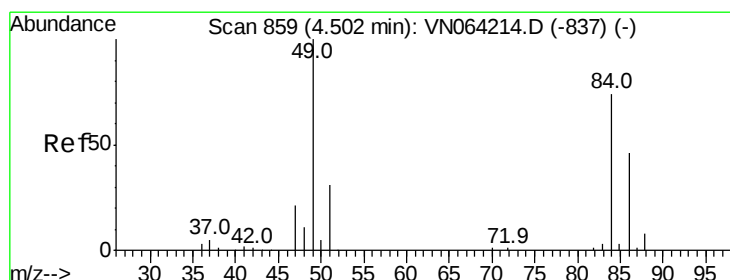
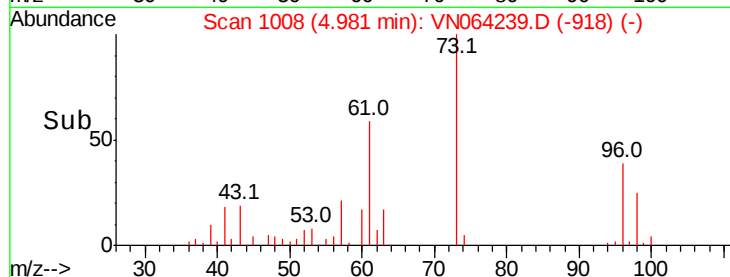
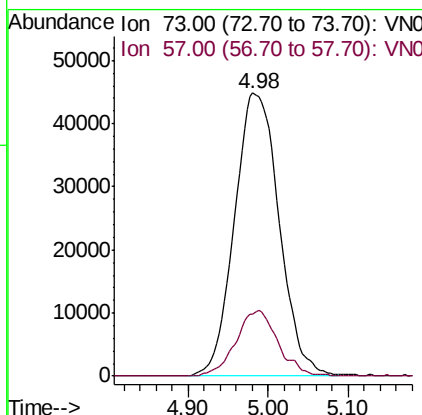
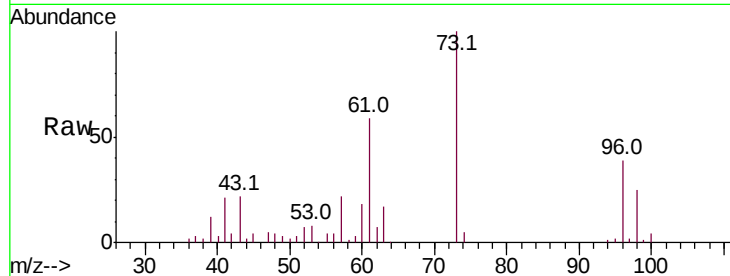


#19

Methyl tert-butyl Ether
 Concen: 19.215 ug/l
 RT: 4.98 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

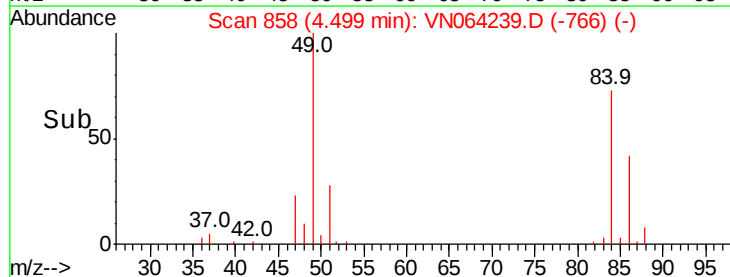
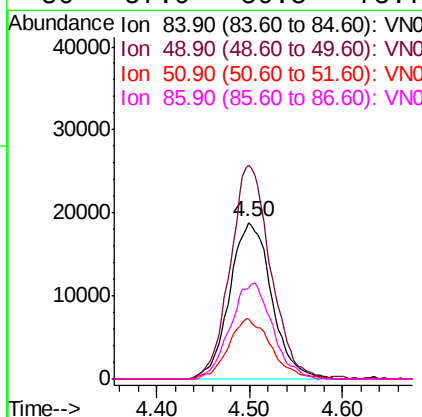
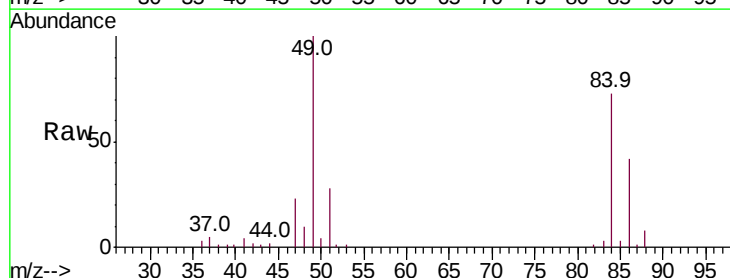
Tot Ion: 73 Resp: 170485
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.0 27.0

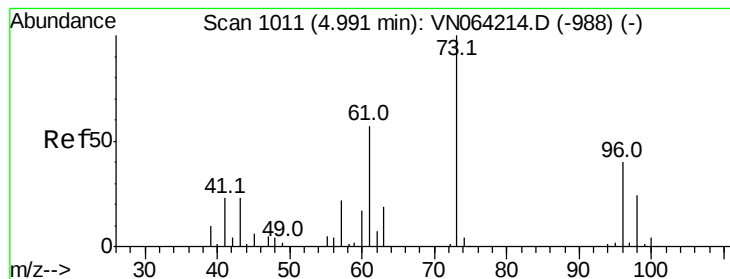


#20

Methylene Chloride
 Concen: 18.948 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

Tgt Ion: 84 Resp: 59120
 Ion Ratio Lower Upper
 84 100
 49 136.4 108.5 162.7
 51 38.5 33.8 50.8
 86 57.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.642 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

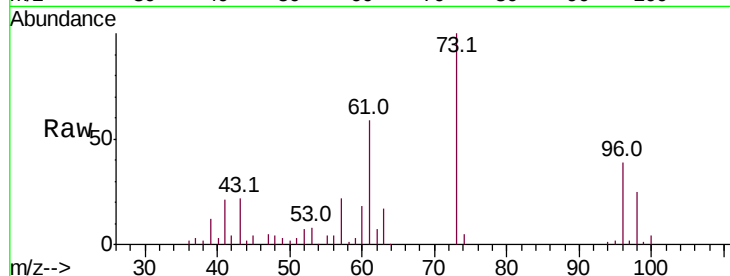
Tot Ion: 96 Resp: 55898

Ion Ratio Lower Upper

96 100

61 148.9 115.8 173.6

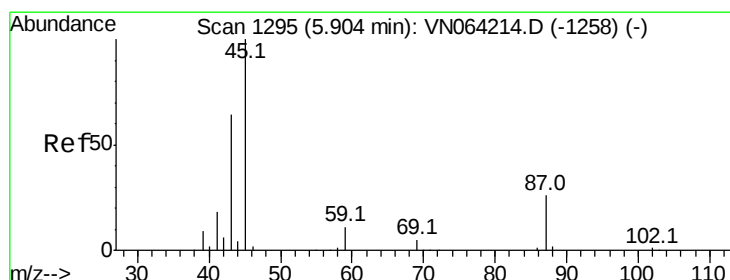
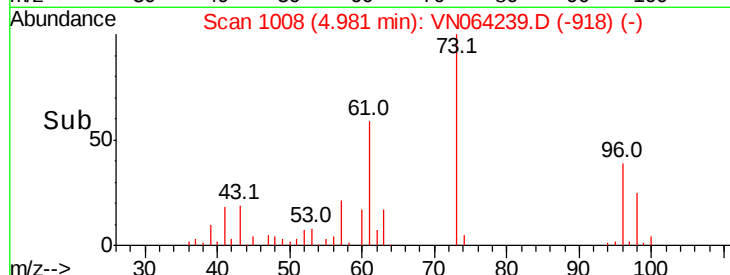
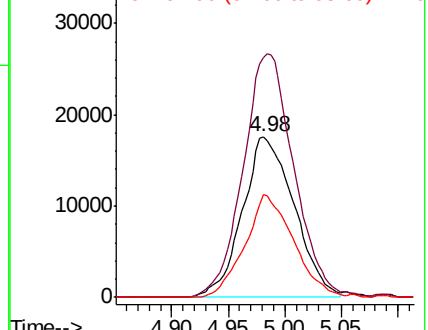
98 64.0 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN064239.D (-1008) (-)

Ion 60.90 (60.60 to 61.60): VN064239.D (-1008) (-)

Ion 97.90 (97.60 to 98.60): VN064239.D (-1008) (-)



#22

Diisopropyl ether

Concen: 18.916 ug/l

RT: 5.89 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Tgt Ion: 45 Resp: 181635

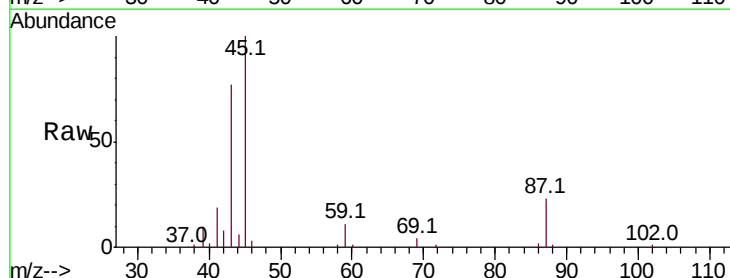
Ion Ratio Lower Upper

45 100

43 74.2 52.2 78.4

87 23.4 21.4 32.0

59 10.3 8.3 12.5

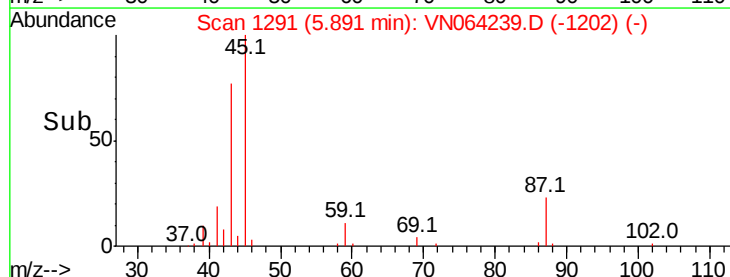
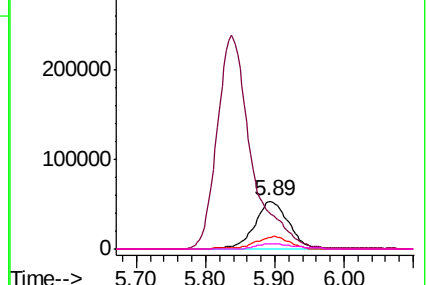


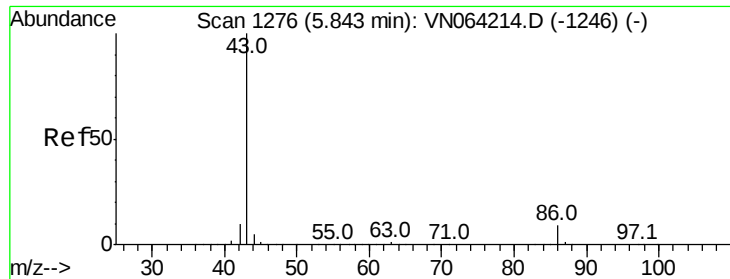
Abundance Ion 45.00 (44.70 to 45.70): VN064239.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064239.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064239.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064239.D (-1202) (-)

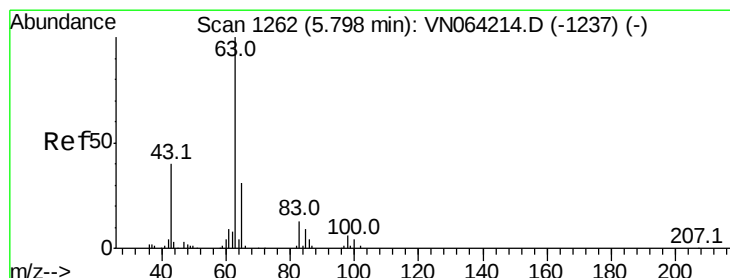
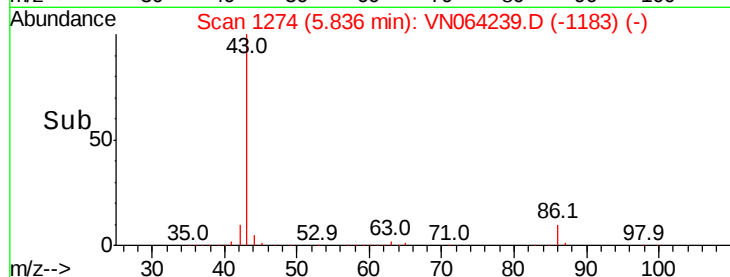
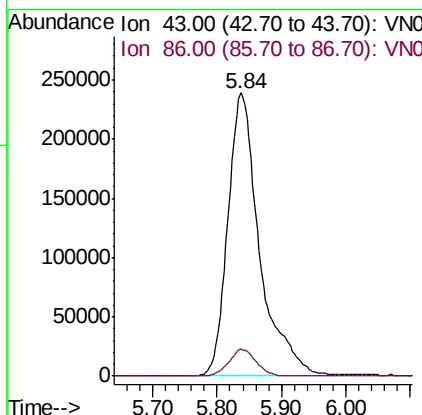
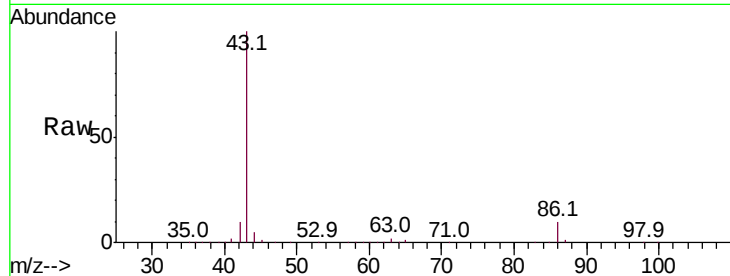




#23
 Vinyl Acetate
 Concen: 95.934 ug/l
 RT: 5.84 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

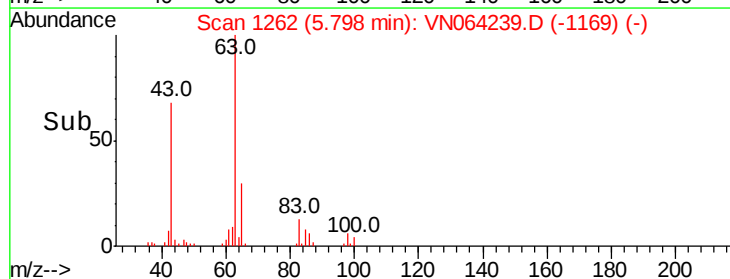
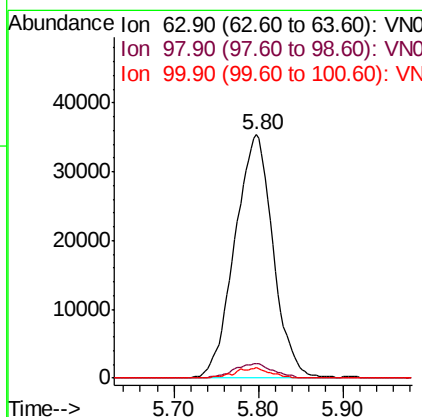
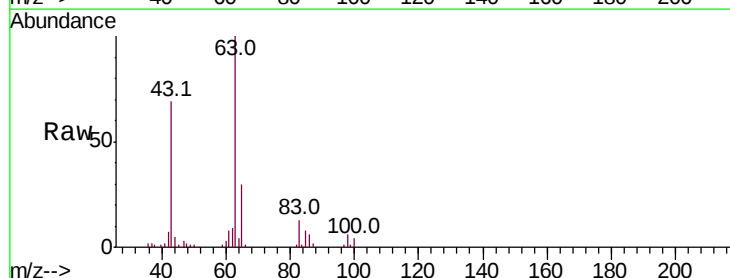
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

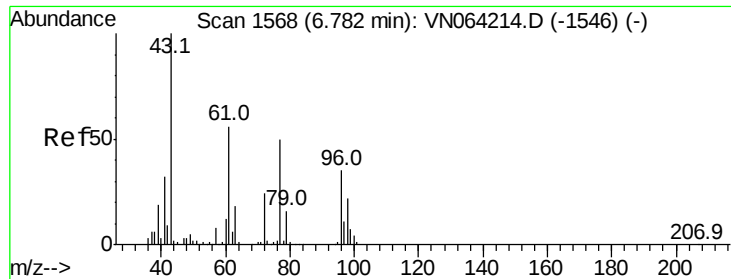
Tot Ion: 43 Resp: 821509
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 19.994 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

Tgt Ion: 63 Resp: 111217
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.7
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 91.147 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

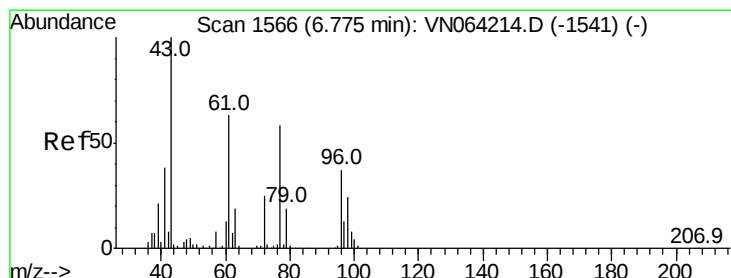
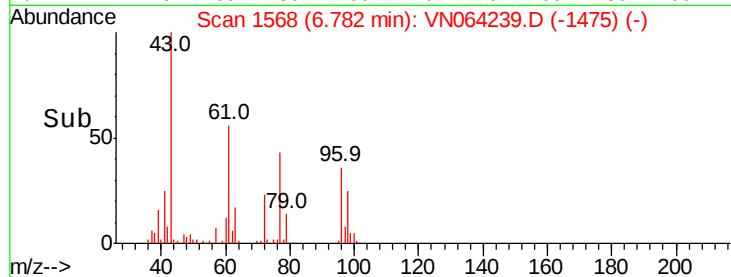
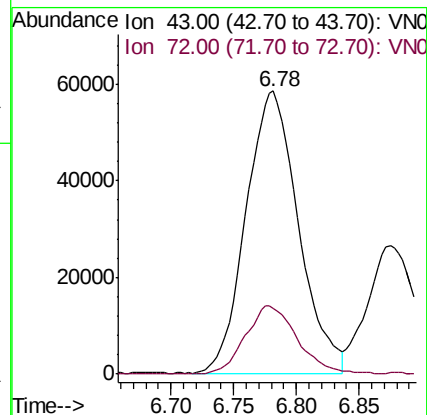
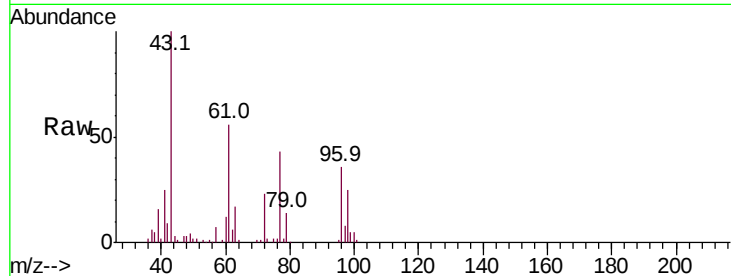
VN1021WBS02

Tot Ion: 43 Resp: 169442

Ion Ratio Lower Upper

43 100

72 23.4 19.4 29.0



#26

2,2-Dichloropropane

Concen: 15.993 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064239.D

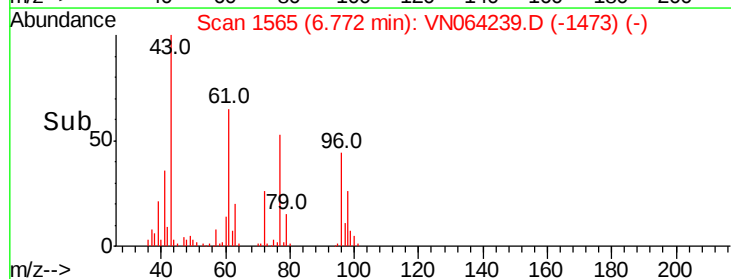
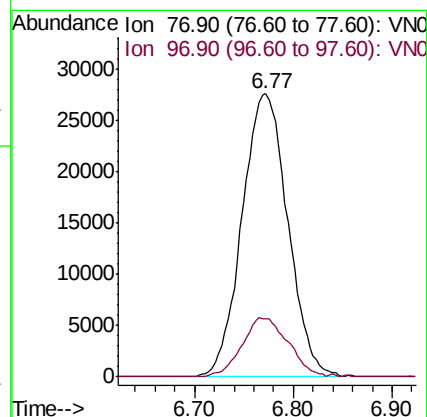
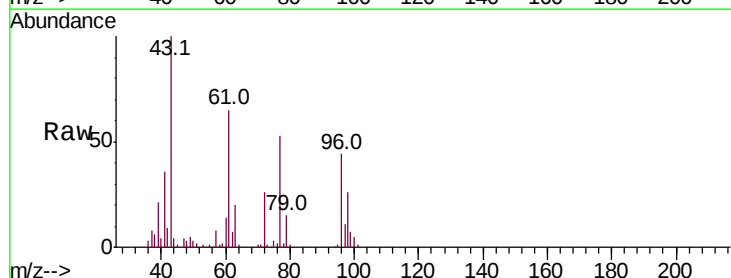
Acq: 22 Oct 2020 1:16

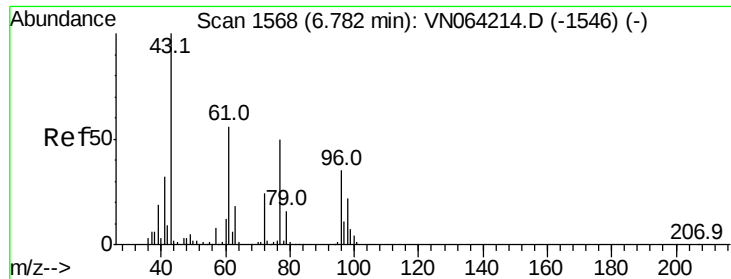
Tgt Ion: 77 Resp: 88565

Ion Ratio Lower Upper

77 100

97 21.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.187 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

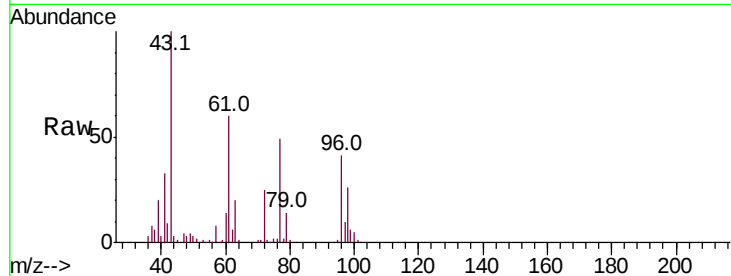
Tot Ion: 96 Resp: 66905

Ion Ratio Lower Upper

96 100

61 152.4 0.0 330.0

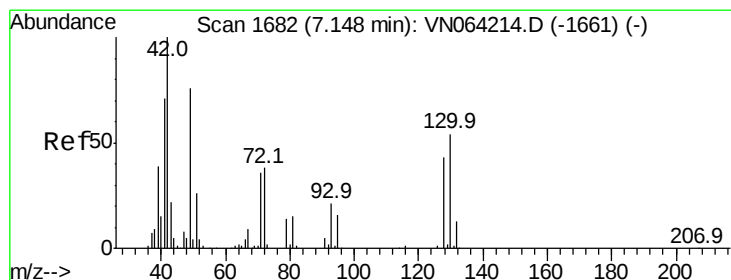
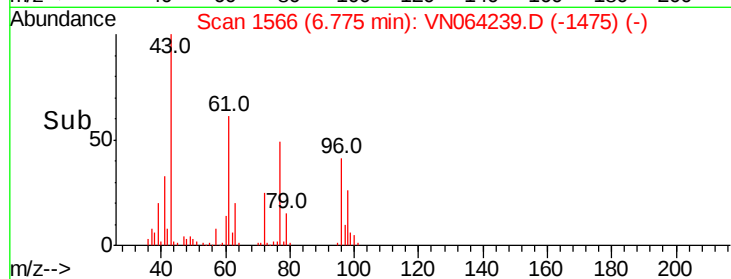
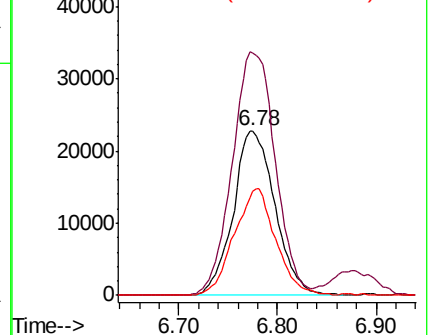
98 64.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.628 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

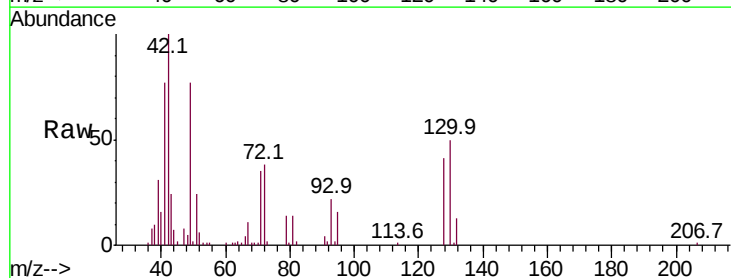
Tgt Ion: 49 Resp: 49225

Ion Ratio Lower Upper

49 100

129 0.5 0.0 2.8

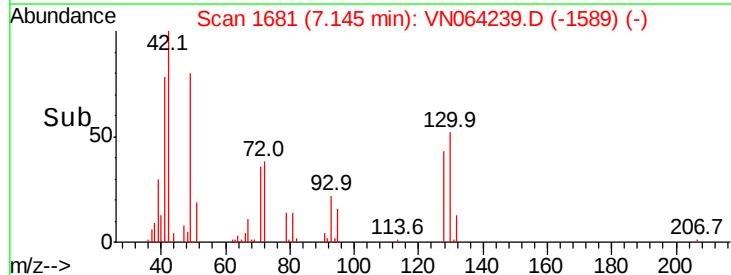
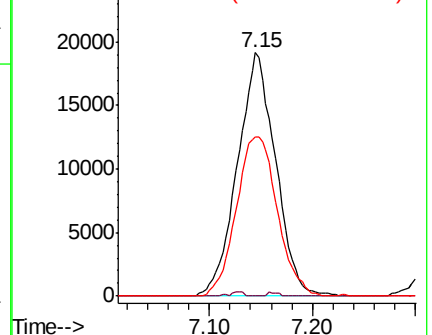
130 70.4 58.8 88.2

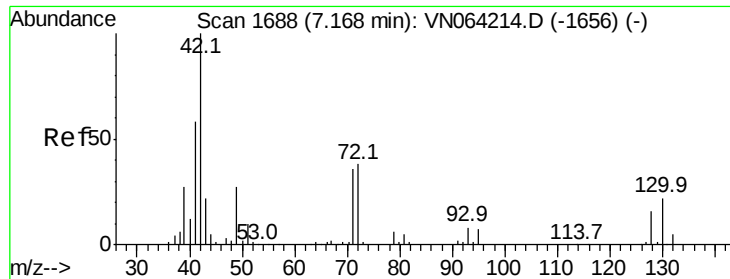


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 92.038 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

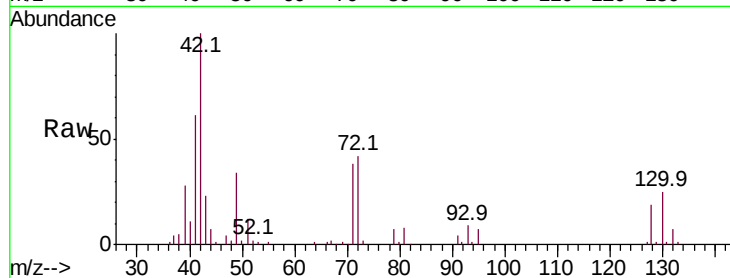
Tot Ion: 42 Resp: 102346

Ion Ratio Lower Upper

42 100

72 41.5 30.8 46.2

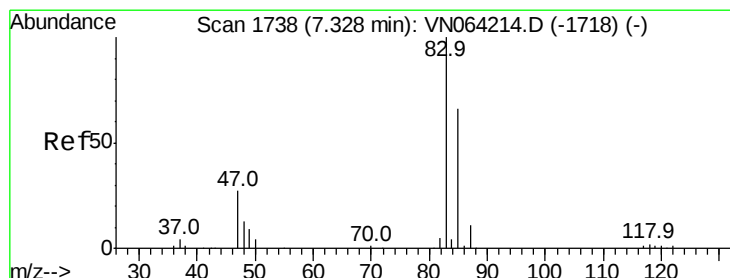
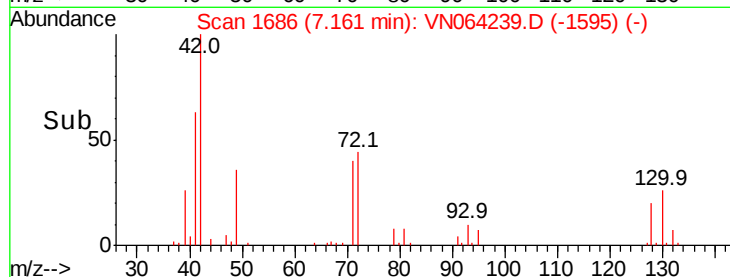
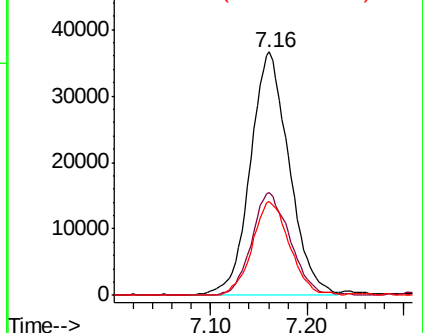
71 36.9 29.0 43.6



Abundance Ion 42.00 (41.70 to 42.70): VN064214.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN064214.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN064214.D (-1656) (-)



#30

Chloroform

Concen: 19.454 ug/l

RT: 7.32 min Scan# 1736

Delta R.T. -0.01 min

Lab File: VN064239.D

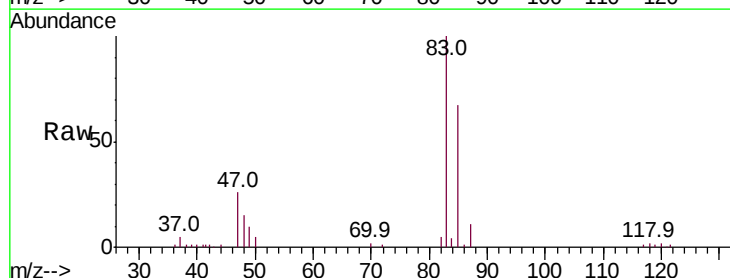
Acq: 22 Oct 2020 1:16

Tgt Ion: 83 Resp: 115428

Ion Ratio Lower Upper

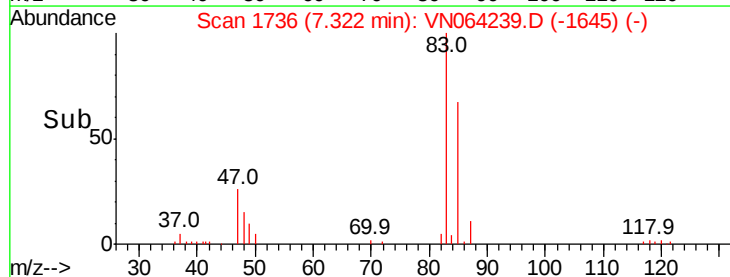
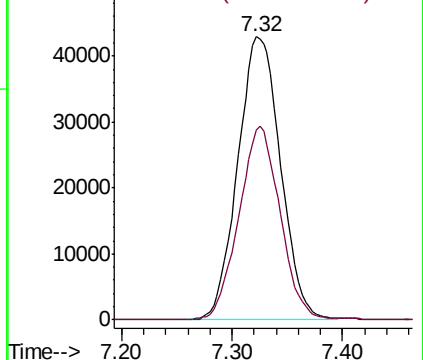
83 100

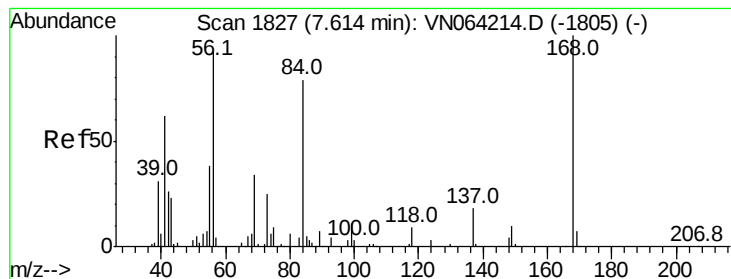
85 67.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-1718) (-)





#31

Cyclohexane

Concen: 18.837 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

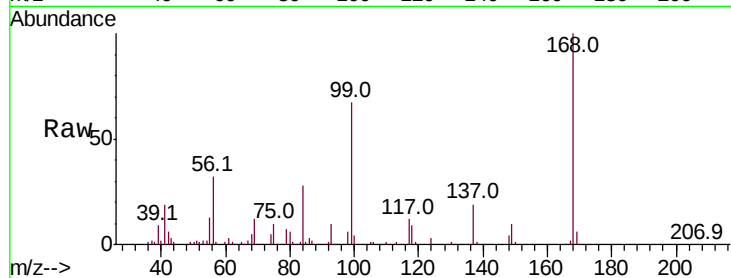
Tot Ion: 56 Resp: 91315

Ion Ratio Lower Upper

56 100

69 37.4 29.8 44.6

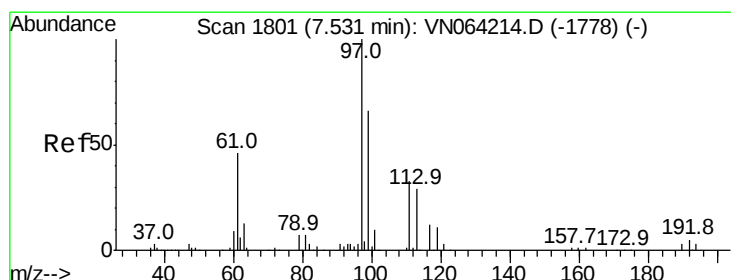
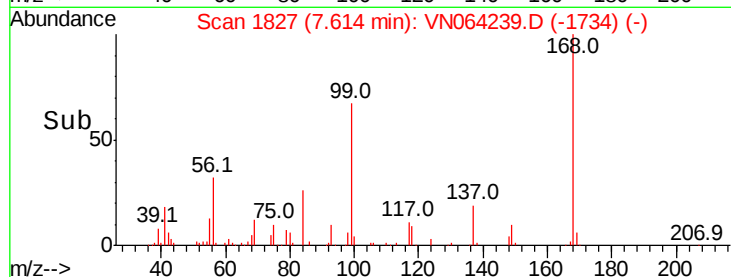
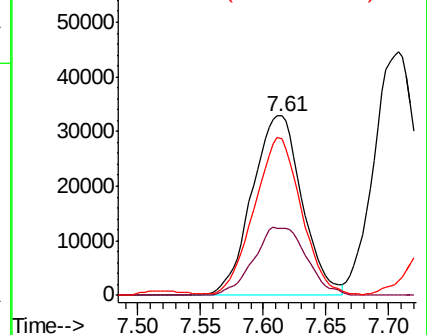
84 86.2 68.1 102.1



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: 20.475 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.01 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

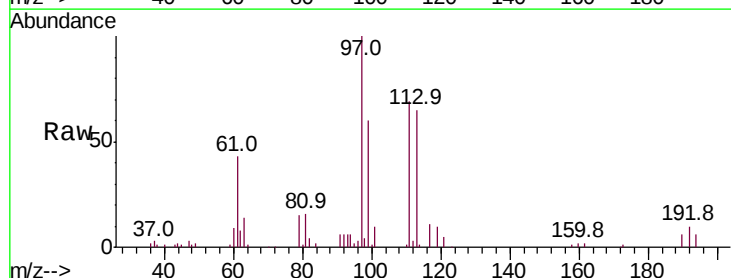
Tgt Ion: 97 Resp: 113809

Ion Ratio Lower Upper

97 100

99 61.6 51.2 76.8

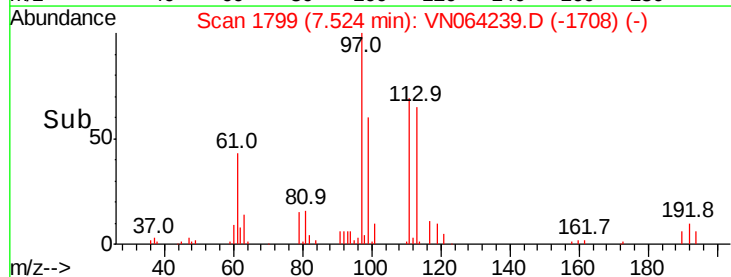
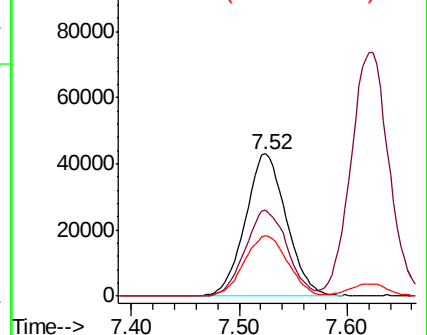
61 44.8 36.3 54.5

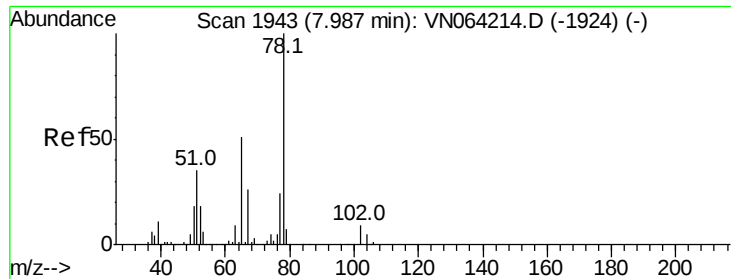


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.539 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

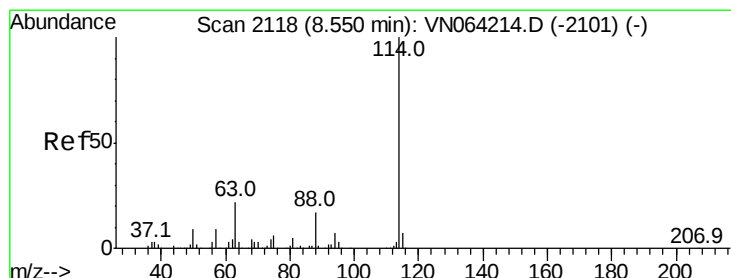
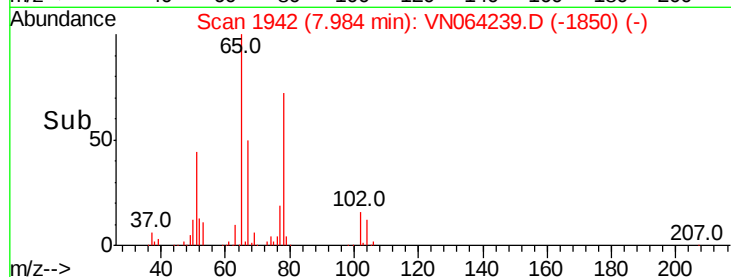
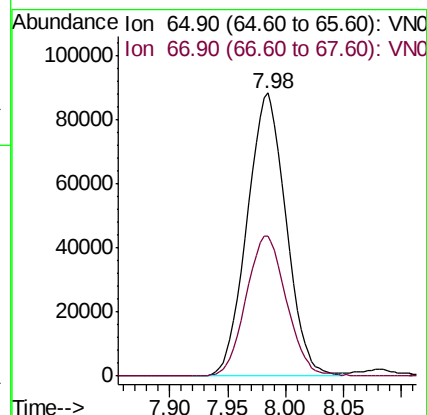
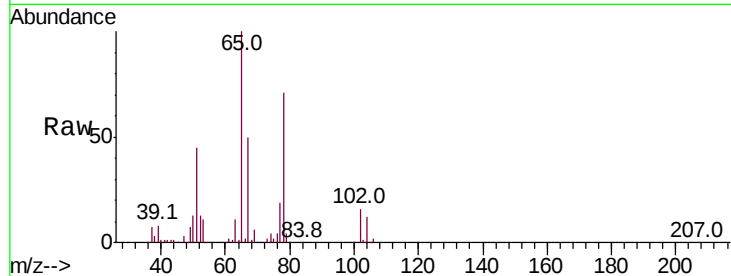
Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

Tot Ion: 65 Resp: 206674

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

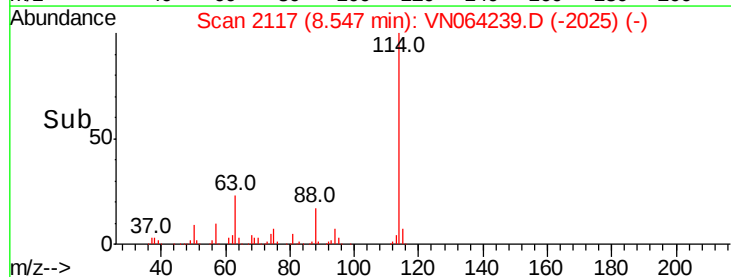
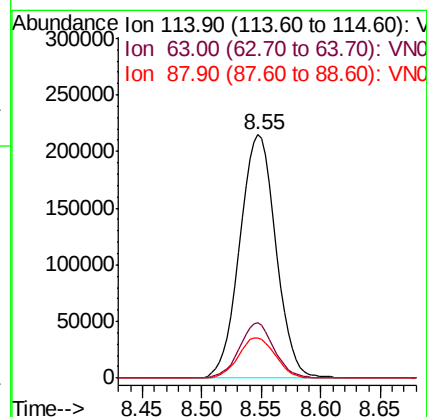
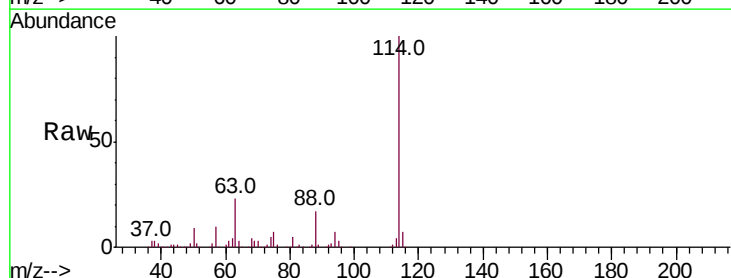
Delta R.T. -0.00 min

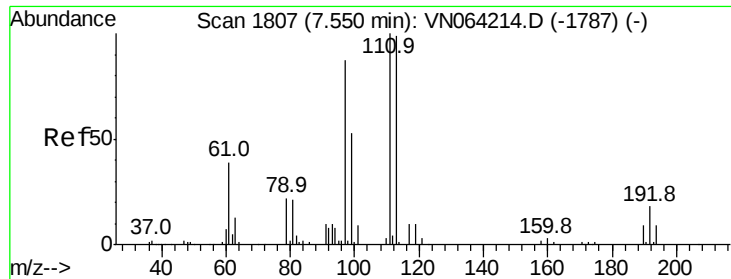
Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Tgt Ion: 114 Resp: 452352

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.6	0.0	34.2

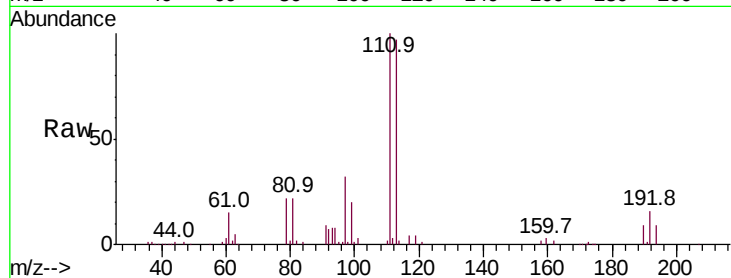




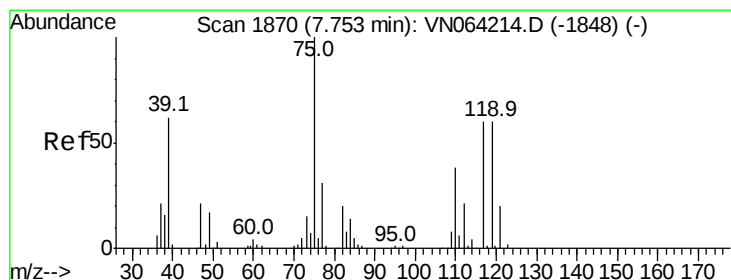
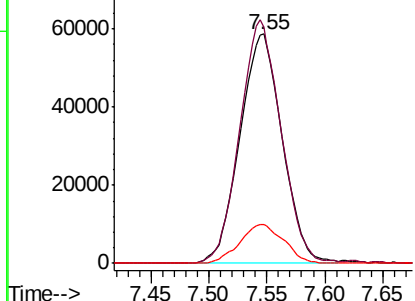
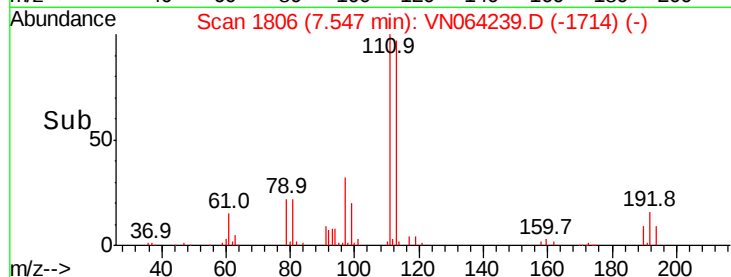
#35
 Dibromofluoromethane
 Concen: 49.507 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

Tot Ion:113 Resp: 148890
 Ion Ratio Lower Upper
 113 100
 111 103.4 84.2 126.2
 192 17.7 15.2 22.8

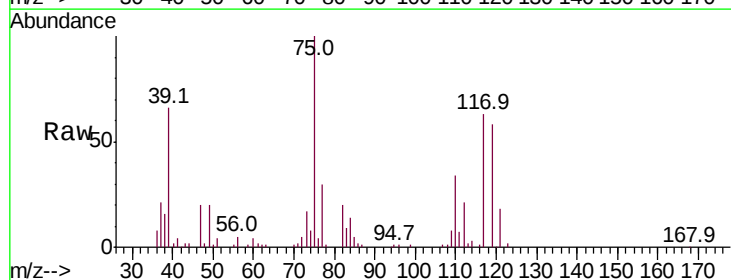


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

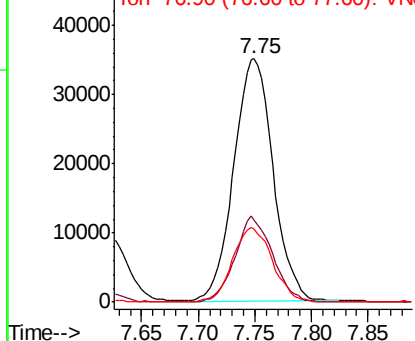
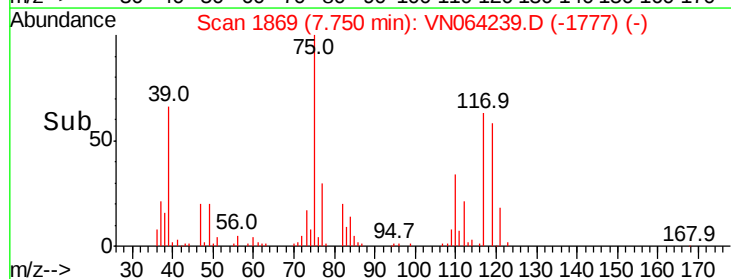


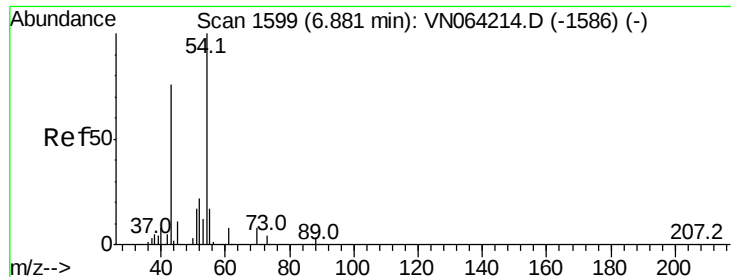
#36
 1,1-Dichloropropene
 Concen: 18.847 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

Tgt Ion: 75 Resp: 84996
 Ion Ratio Lower Upper
 75 100
 110 33.6 17.2 51.6
 77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

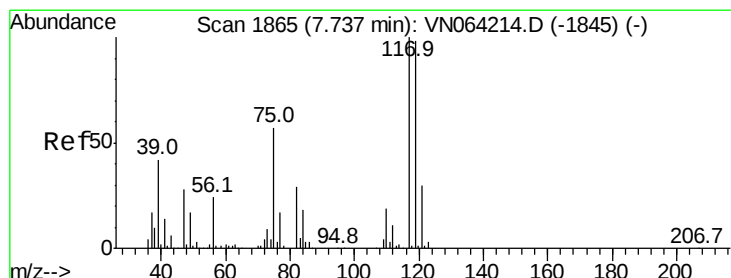
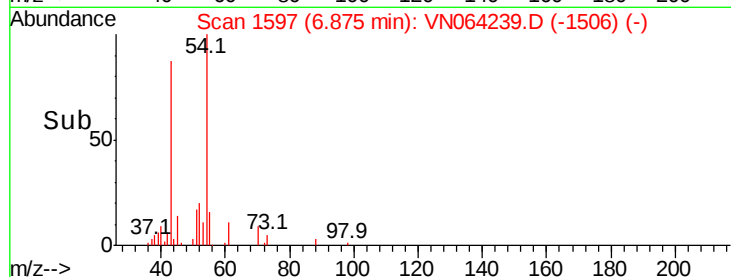
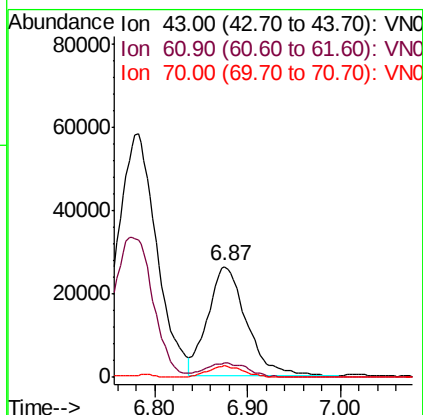
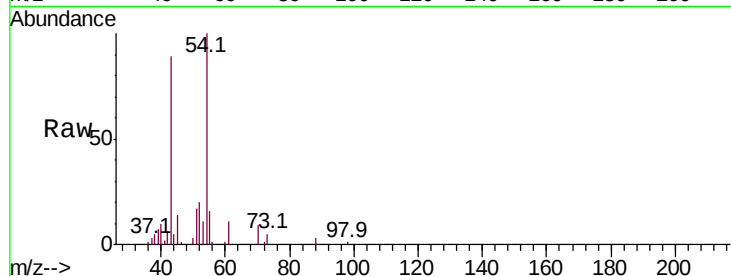




#37
Ethyl Acetate
Concen: 18.770 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

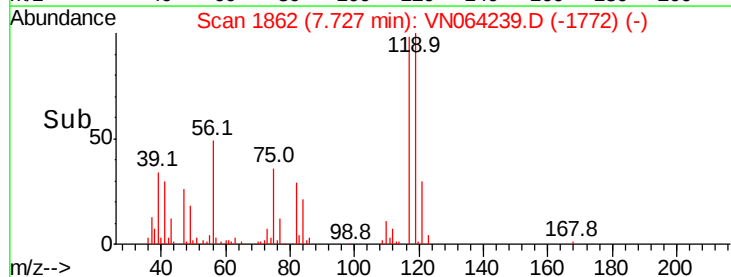
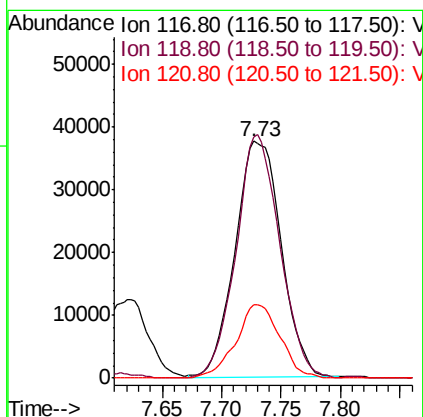
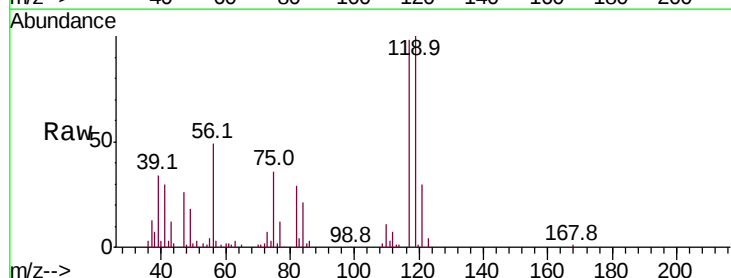
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

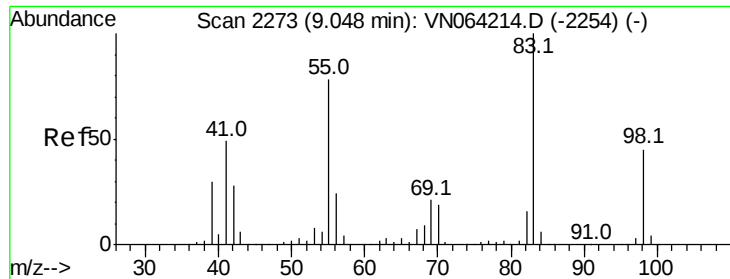
Tot Ion: 43 Resp: 76854
Ion Ratio Lower Upper
43 100
61 14.2 10.0 15.0
70 9.6 7.5 11.3



#38
Carbon Tetrachloride
Concen: 19.721 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 117 Resp: 101190
Ion Ratio Lower Upper
117 100
119 102.1 78.5 117.7
121 31.1 24.3 36.5

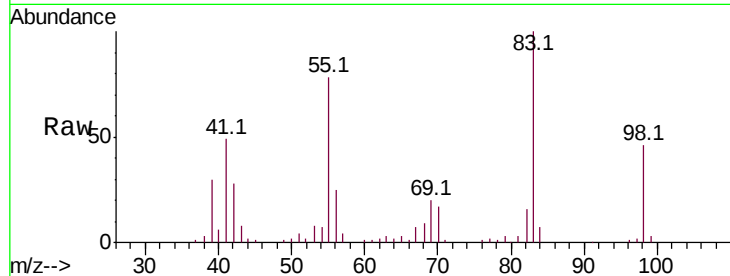




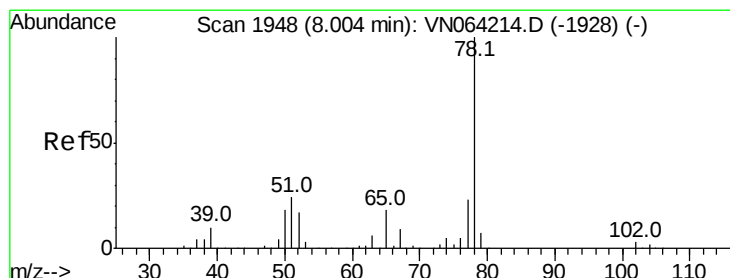
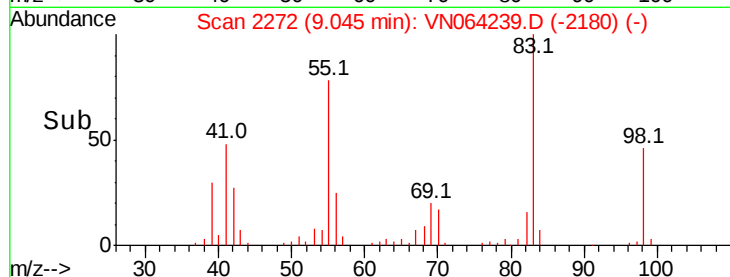
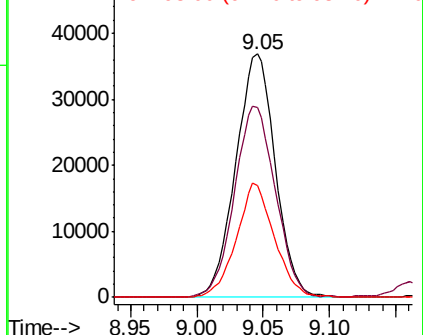
#39
Methvlcvclohexane
Concen: 18.600 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

Tot Ion: 83 Resp: 76274
Ion Ratio Lower Upper
83 100
55 77.7 62.2 93.2
98 46.1 35.9 53.9

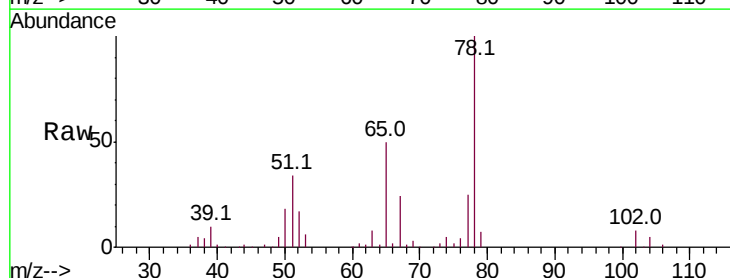


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

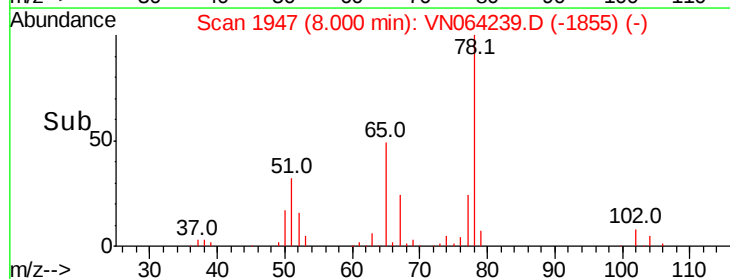
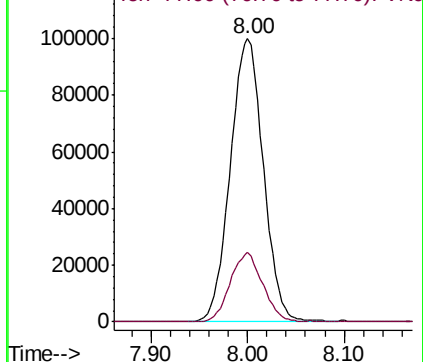


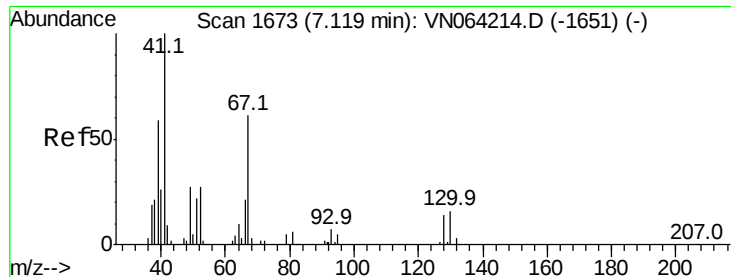
#40
Benzene
Concen: 19.029 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 78 Resp: 236892
Ion Ratio Lower Upper
78 100
77 24.7 18.3 27.5



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

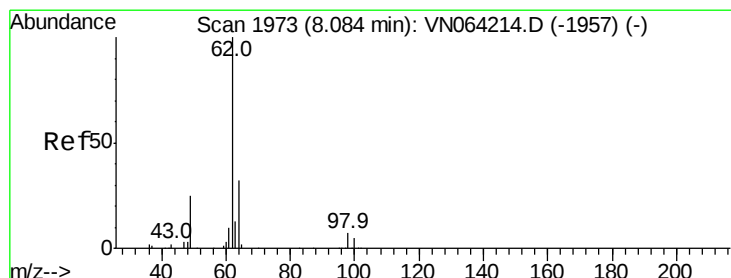
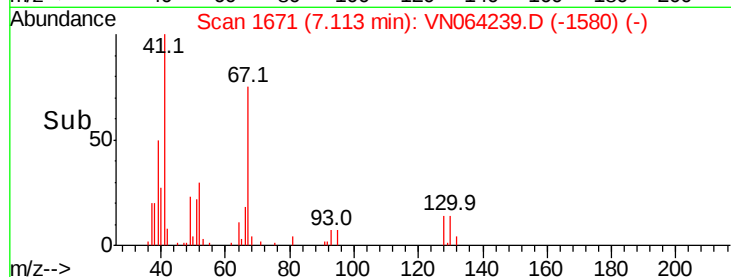
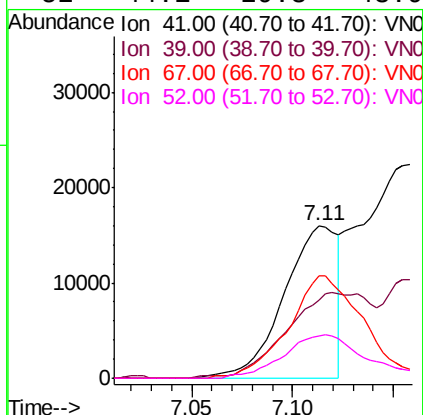
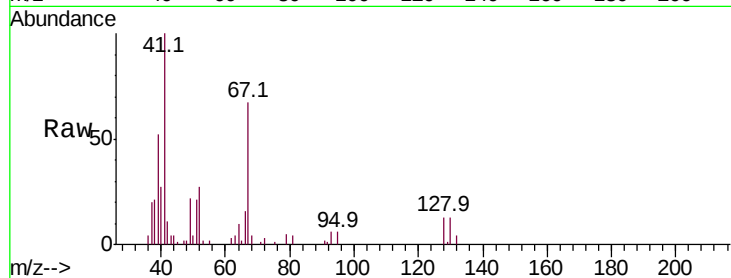




#41
Methacrylonitrile
Concen: 13.688 ug/l
RT: 7.11 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

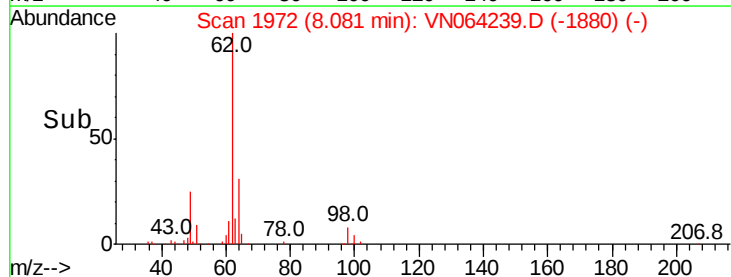
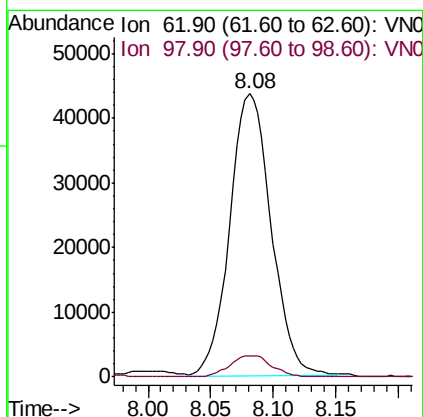
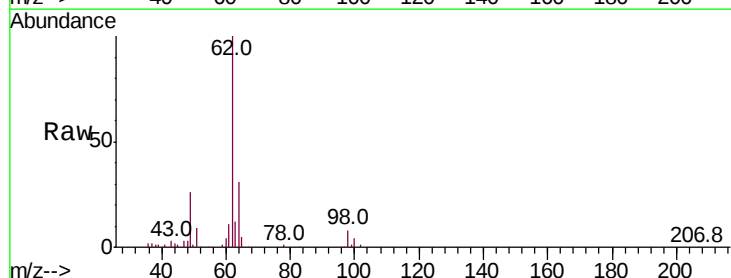
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

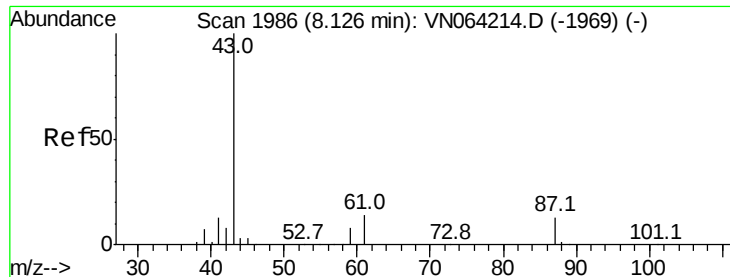
Tot Ion	Ratio	Lower	Upper
41	100		
39	84.3	50.5	75.7#
67	95.1	63.2	94.8#
52	44.1	29.3	43.9#



#42
1,2-Dichloroethane
Concen: 18.724 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.0





#43

Isopropyl Acetate

Concen: 18.675 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

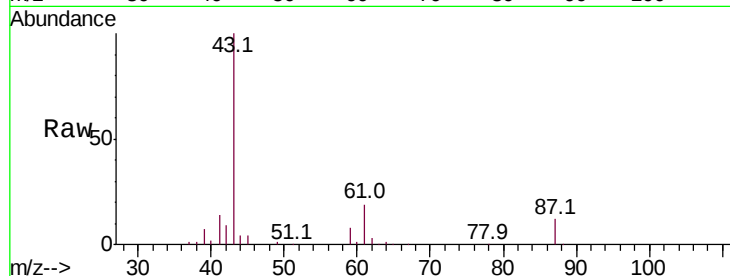
Tot Ion: 43 Resp: 142508

Ion Ratio Lower Upper

43 100

61 18.6 19.6 29.4#

87 11.7 9.8 14.6



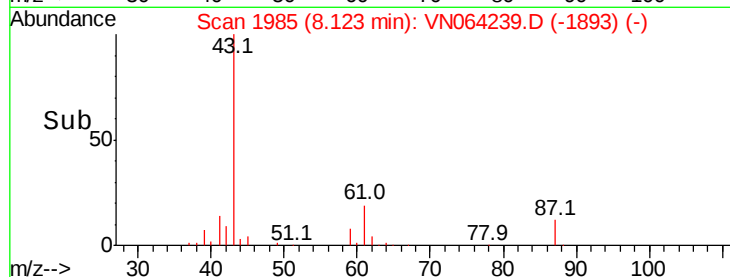
Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN064214.D (-1969) (-)

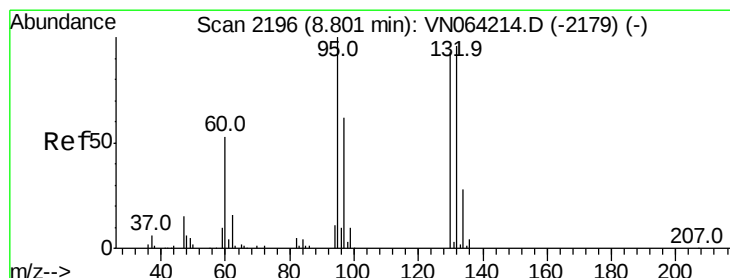
Ion 87.00 (86.70 to 87.70): VN064214.D (-1969) (-)

8.12

Time-->



Time-->



#44

Trichloroethene

Concen: 19.707 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064239.D

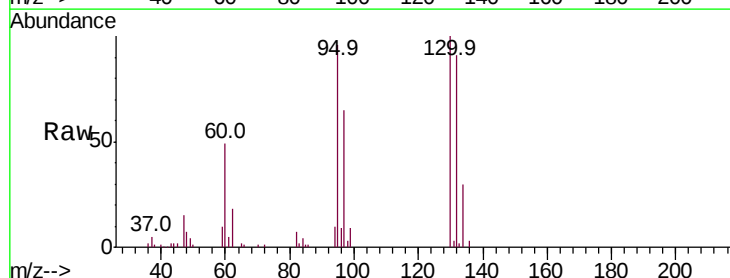
Acq: 22 Oct 2020 1:16

Tgt Ion:130 Resp: 66852

Ion Ratio Lower Upper

130 100

95 95.5 0.0 214.0

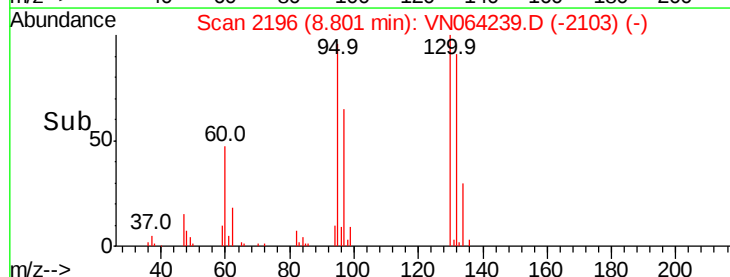


Abundance Ion 129.80 (129.50 to 130.50): VN064214.D (-2179) (-)

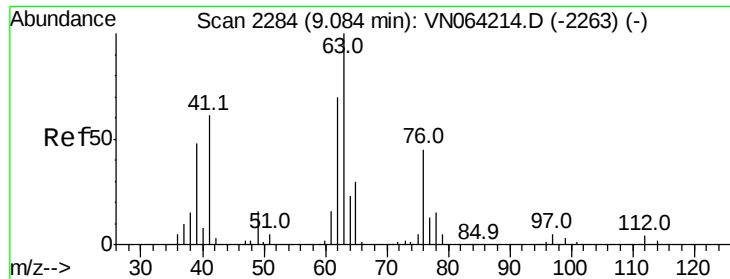
Ion 94.90 (94.60 to 95.60): VN064214.D (-2179) (-)

8.80

Time-->



Time-->



#45

1,2-Dichloropropane

Concen: 19.095 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

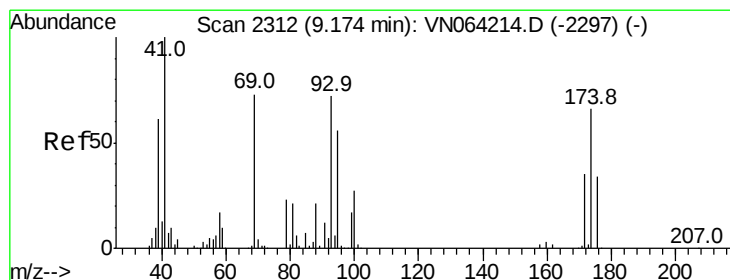
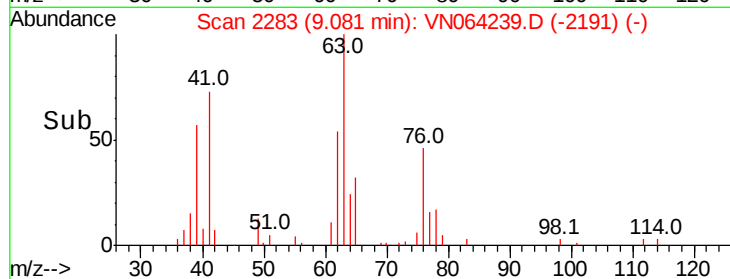
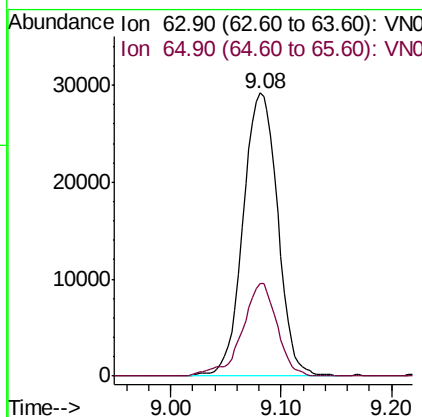
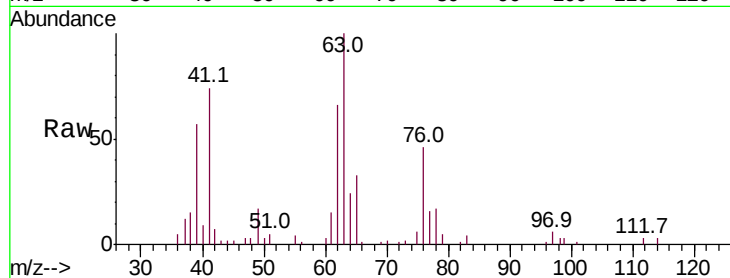
Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

Tot Ion: 63 Resp: 63460

Ion	Ratio	Lower	Upper
63	100		
65	32.8	24.0	36.0



#46

Dibromomethane

Concen: 19.749 ug/l

RT: 9.17 min Scan# 2312

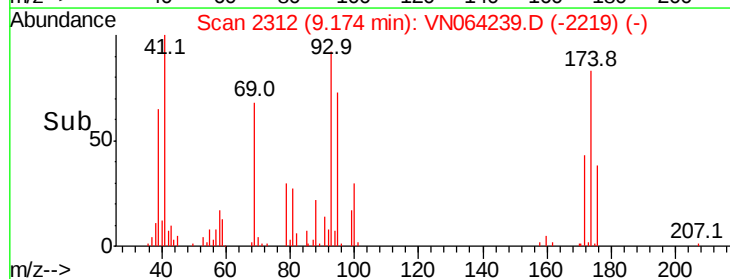
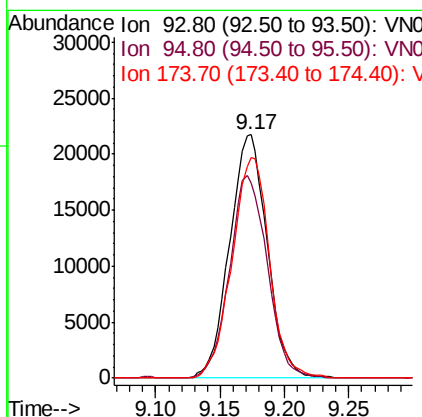
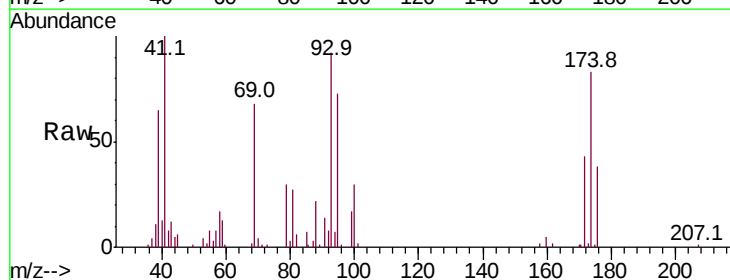
Delta R.T. 0.00 min

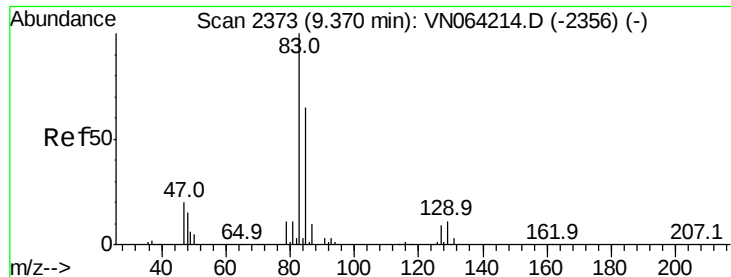
Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Tgt Ion: 93 Resp: 44070

Ion	Ratio	Lower	Upper
93	100		
95	83.5	63.0	94.4
174	90.5	72.9	109.3





#47

Bromodichloromethane

Concen: 19.443 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

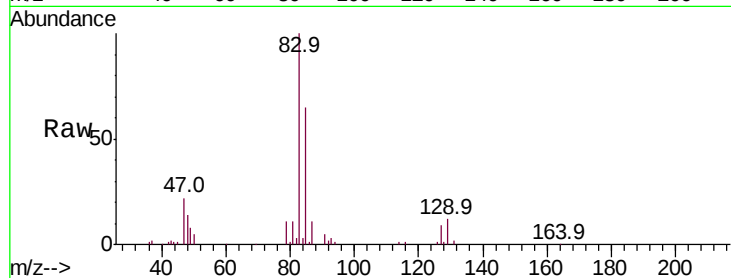
Tot Ion: 83 Resp: 95859

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.8

127 8.9 7.4 11.0

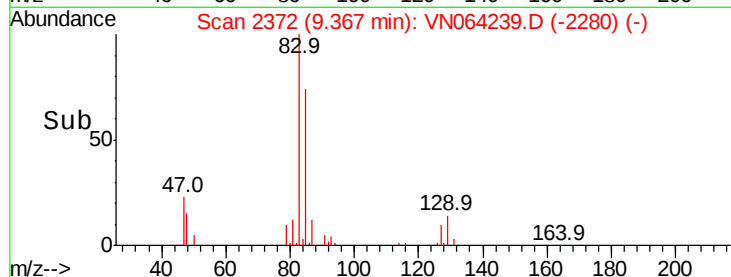


Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-2356) (-)

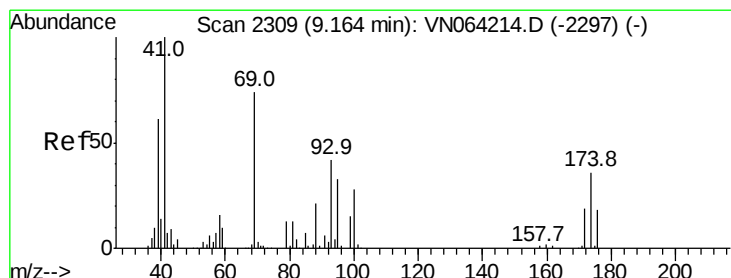
Ion 84.90 (84.60 to 85.60): VN064214.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064214.D (-2356) (-)

Time-->



Time-->



#48

Methyl methacrylate

Concen: 17.465 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

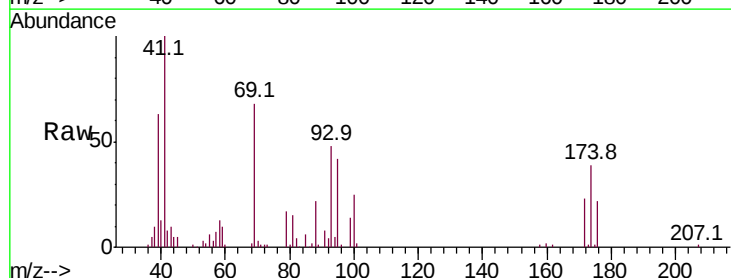
Tgt Ion: 41 Resp: 69620

Ion Ratio Lower Upper

41 100

69 71.1 57.3 85.9

39 66.0 48.6 73.0

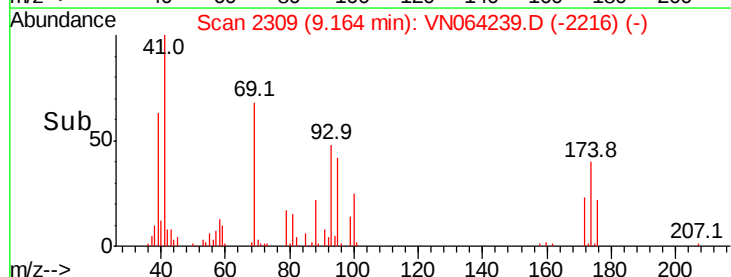


Abundance Ion 41.00 (40.70 to 41.70): VN064214.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064214.D (-2297) (-)

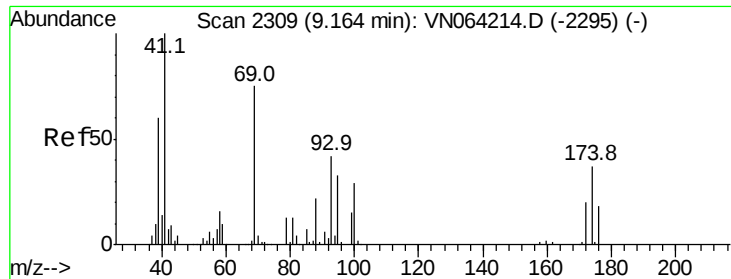
Ion 39.00 (38.70 to 39.70): VN064214.D (-2297) (-)

Time-->



Time-->

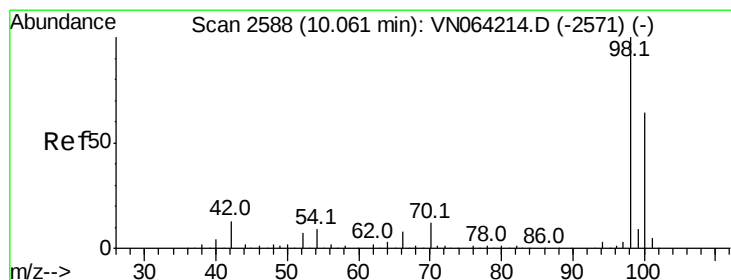
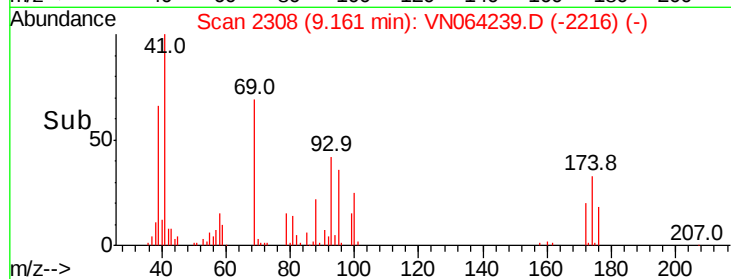
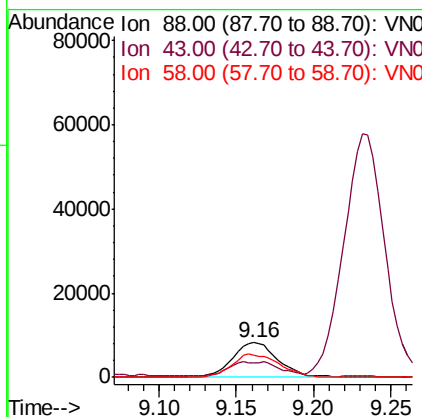
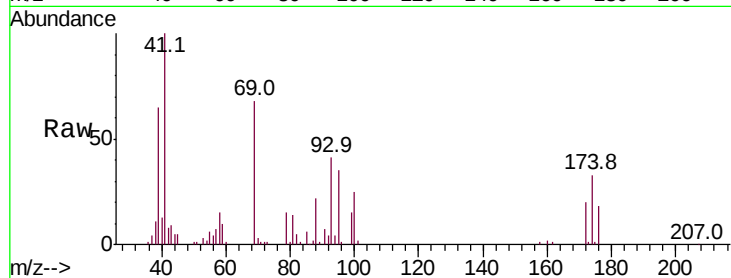
Time-->



#49
1,4-Dioxane
Concen: 360.801 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

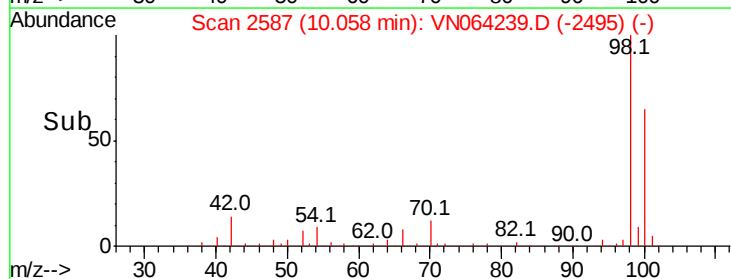
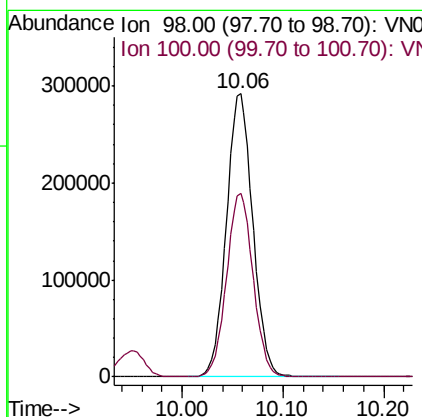
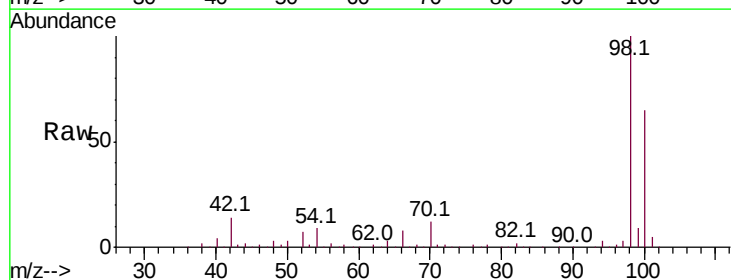
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

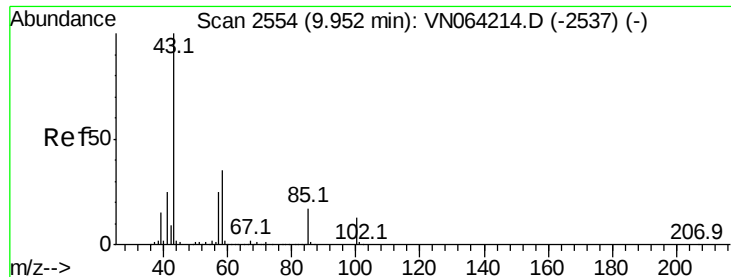
Tot Ion: 88 Resp: 16828
Ion Ratio Lower Upper
88 100
43 22.7 34.6 52.0#
58 69.4 59.0 88.6



#50
Toluene-d8
Concen: 48.970 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 98 Resp: 534244
Ion Ratio Lower Upper
98 100
100 64.9 50.8 76.2

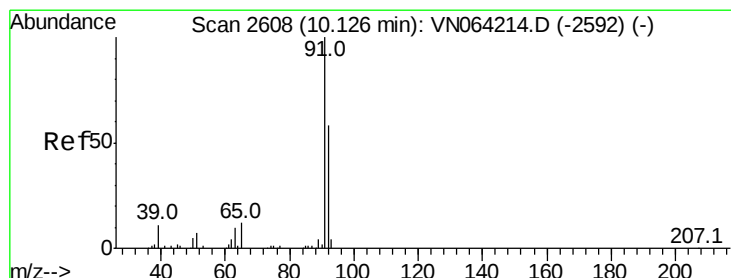
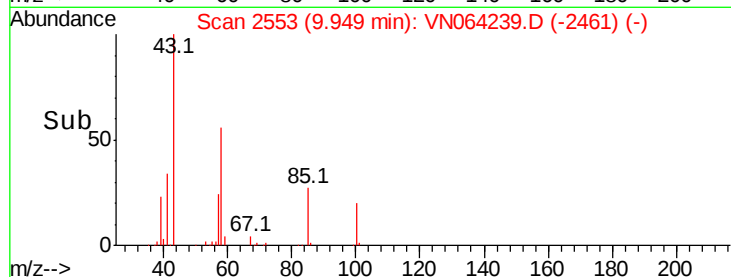
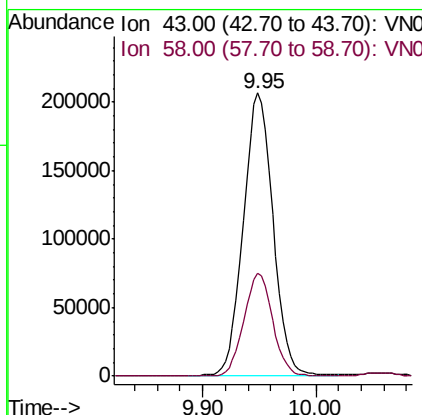
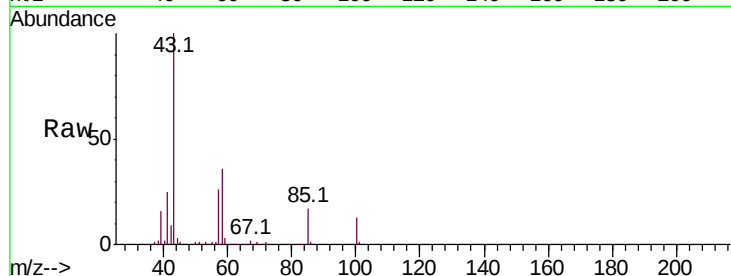




#51
4-Methyl-2-Pentanone
Concen: 92.193 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

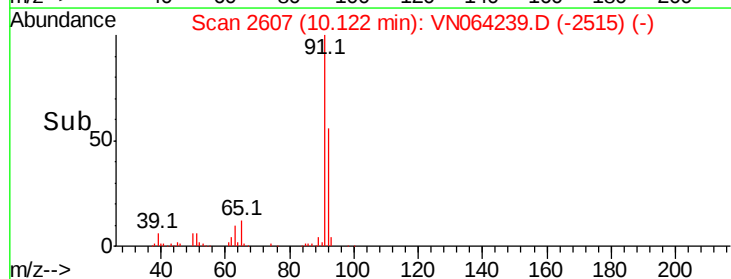
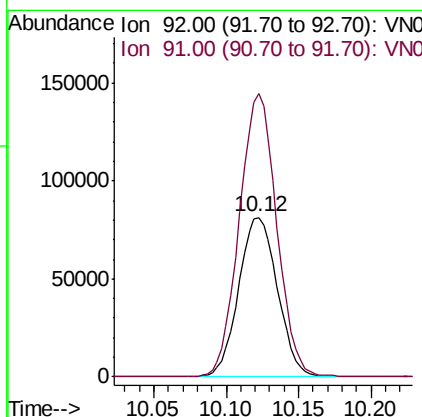
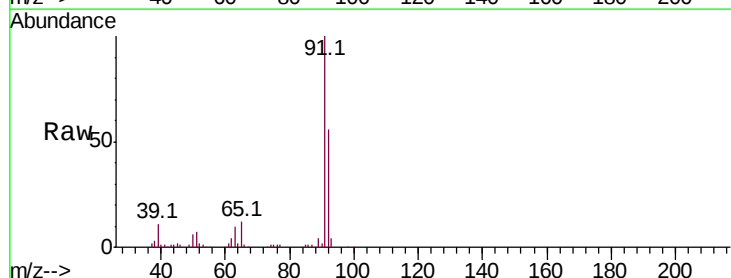
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

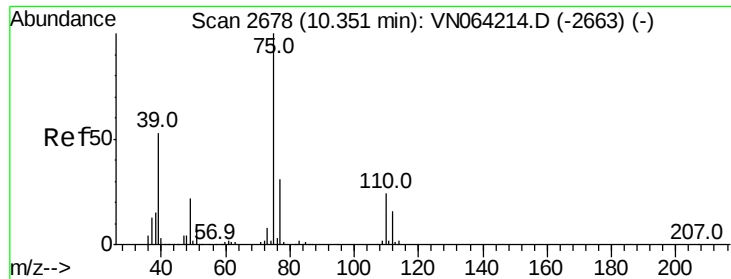
Tot Ion: 43 Resp: 375991
Ion Ratio Lower Upper
43 100
58 35.3 28.6 42.8



#52
Toluene
Concen: 19.021 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 92 Resp: 151509
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 18.923 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

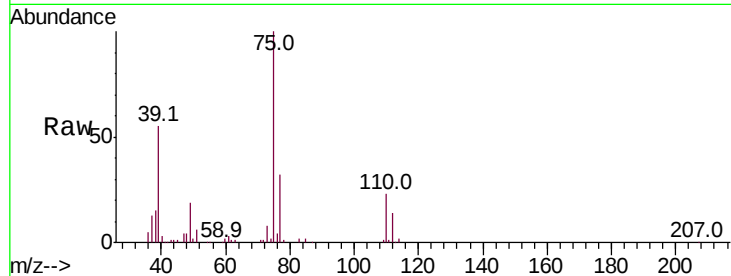
VN1021WBS02

Tot Ion: 75 Resp: 103638

Ion Ratio Lower Upper

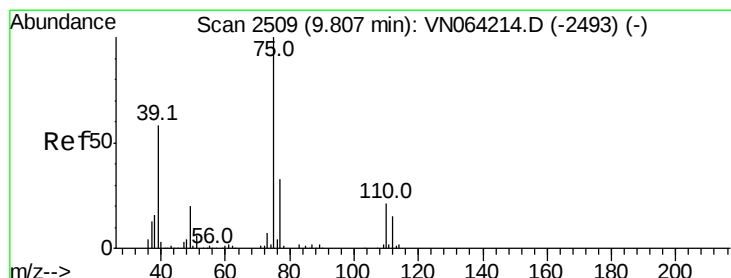
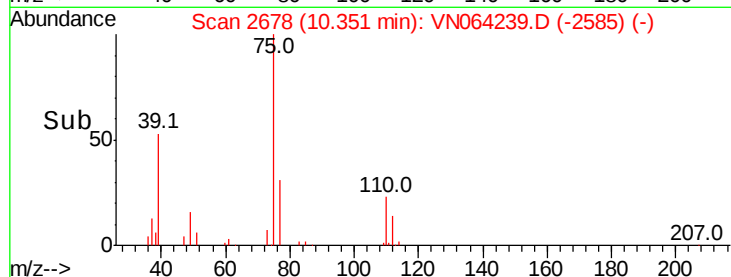
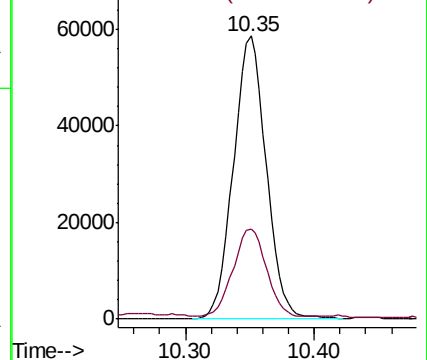
75 100

77 30.9 25.4 38.2



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: 18.330 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

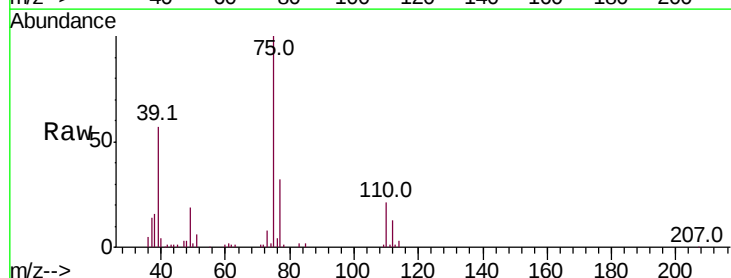
Tgt Ion: 75 Resp: 105703

Ion Ratio Lower Upper

75 100

77 31.9 26.6 39.8

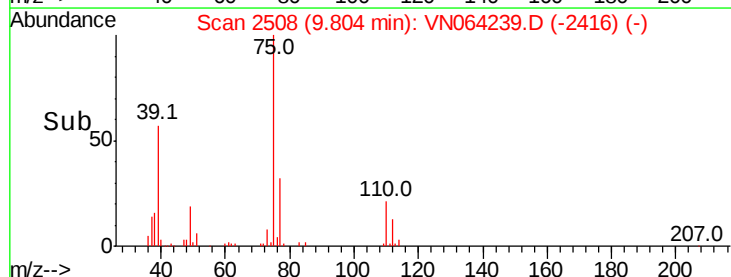
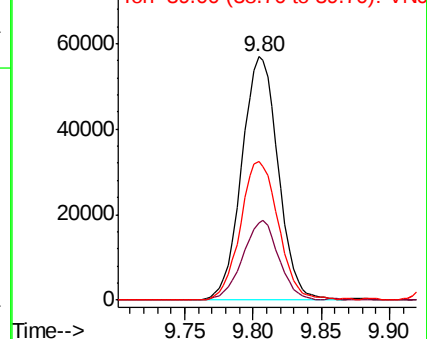
39 56.7 46.7 70.1

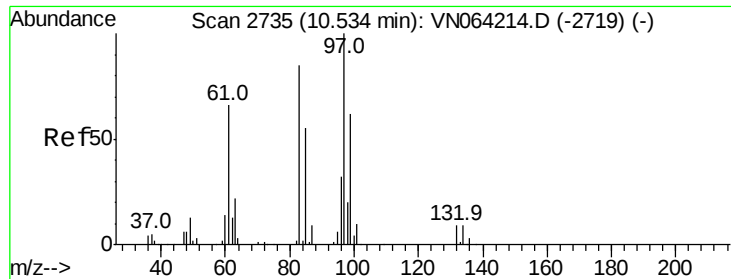


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

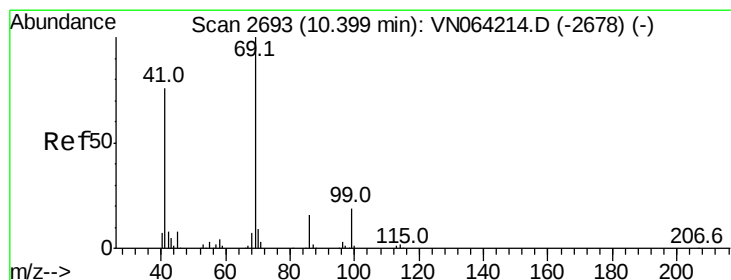
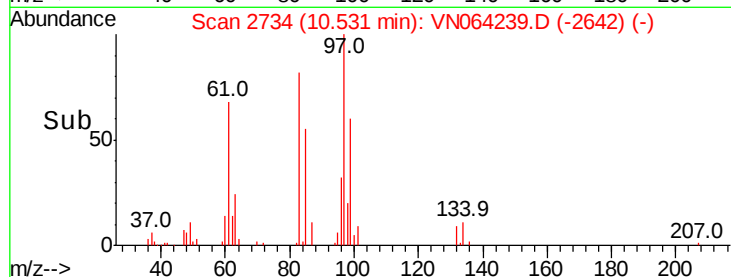
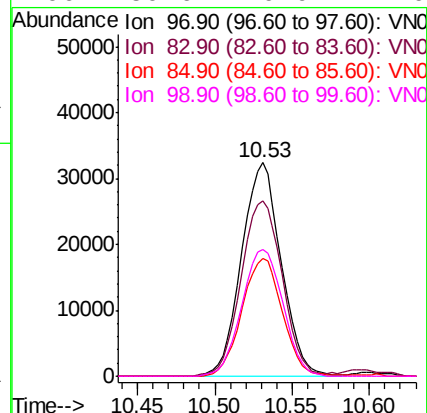
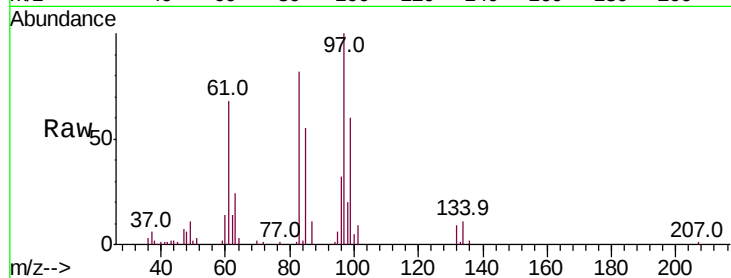




#55
 1,1,2-Trichloroethane
 Concen: 19.205 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

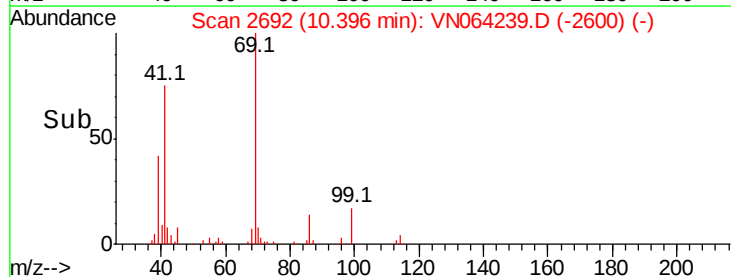
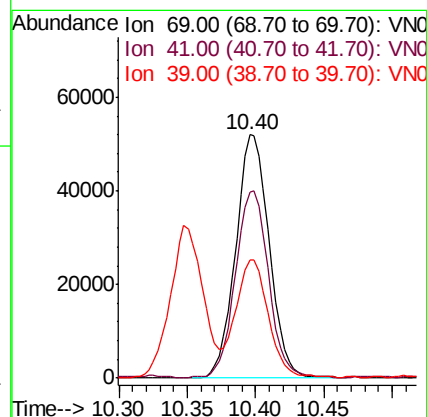
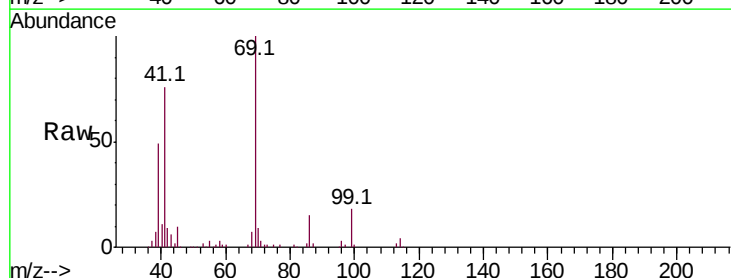
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

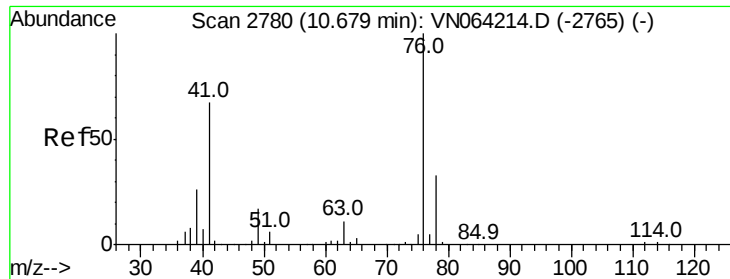
Tot Ion:	97	Resp:	57777
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.8	101.6
85	55.0	43.6	65.4
99	59.6	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.089 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

Tgt Ion:	69	Resp:	88799
Ion	Ratio	Lower	Upper
69	100		
41	75.4	61.4	92.2
39	47.5	36.0	54.0





#57

1,3-Dichloropropane

Concen: 19.409 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

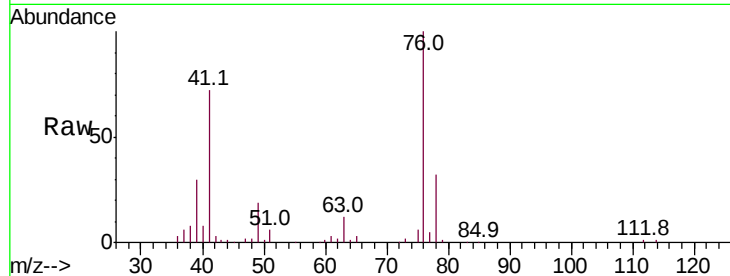
VN1021WBS02

Tot Ion: 76 Resp: 101422

Ion Ratio Lower Upper

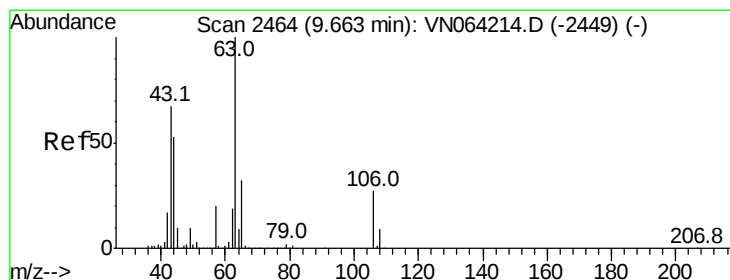
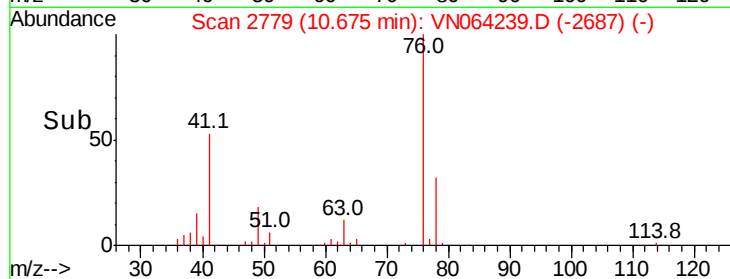
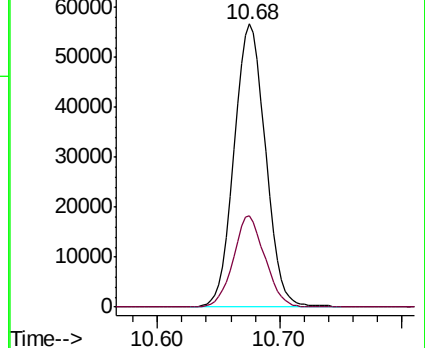
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 89.945 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064239.D

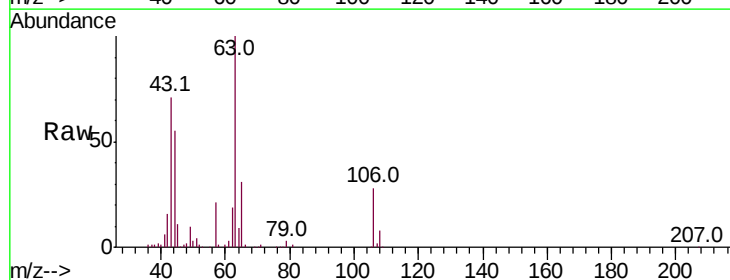
Acq: 22 Oct 2020 1:16

Tgt Ion: 63 Resp: 215450

Ion Ratio Lower Upper

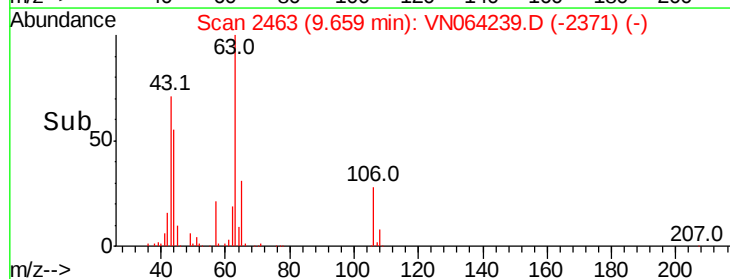
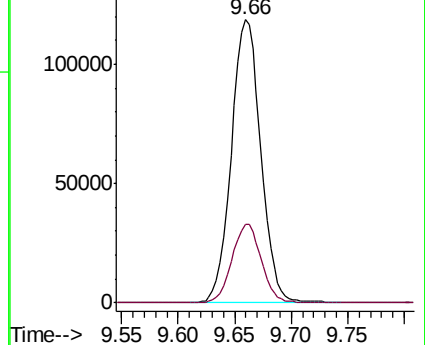
63 100

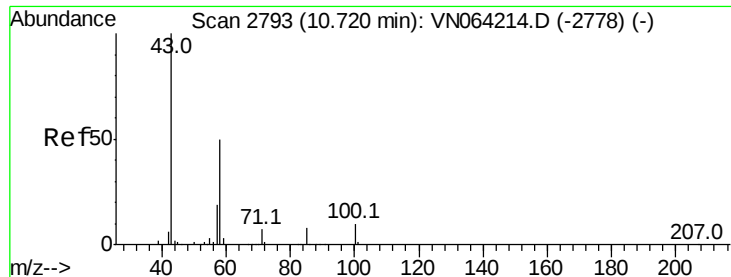
106 27.6 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 89.989 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

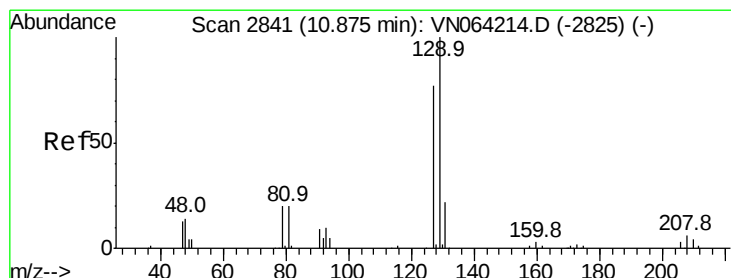
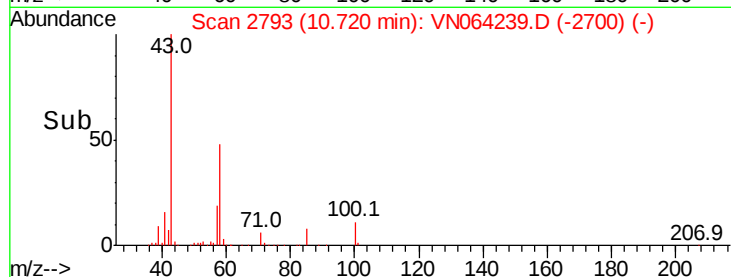
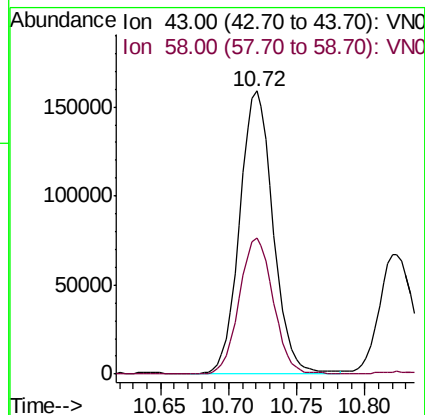
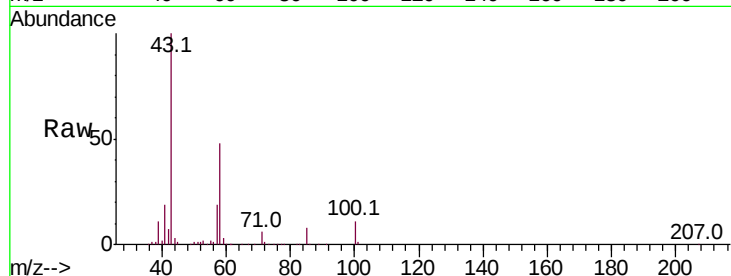
VN1021WBS02

Tot Ion: 43 Resp: 268027

Ion Ratio Lower Upper

43 100

58 49.6 24.8 74.3



#60

Dibromochloromethane

Concen: 18.272 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064239.D

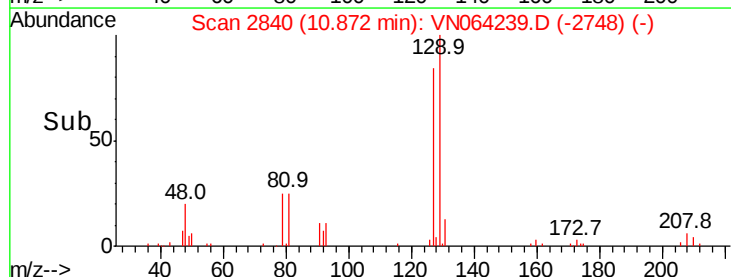
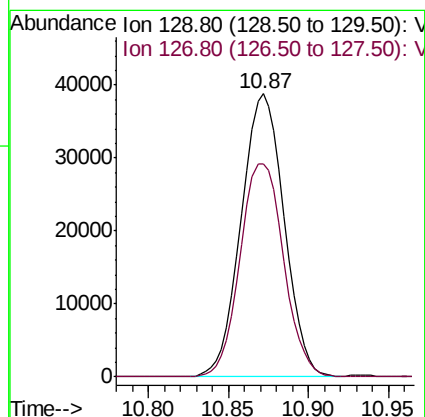
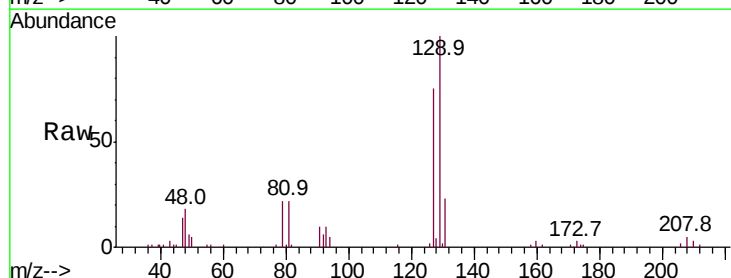
Acq: 22 Oct 2020 1:16

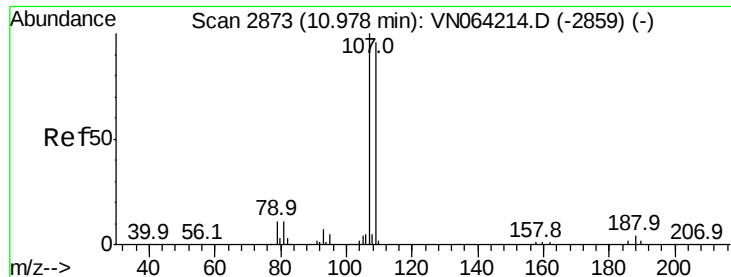
Tgt Ion: 129 Resp: 71161

Ion Ratio Lower Upper

129 100

127 76.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.964 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

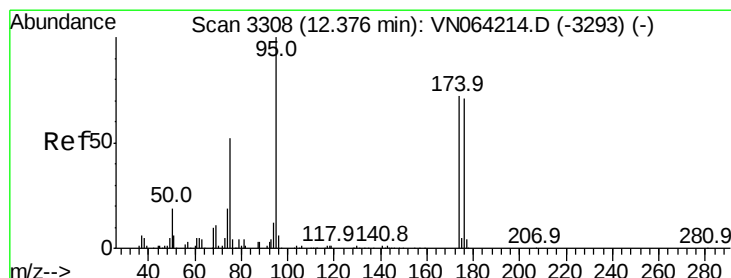
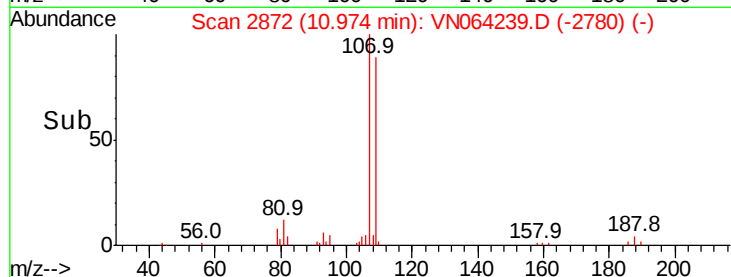
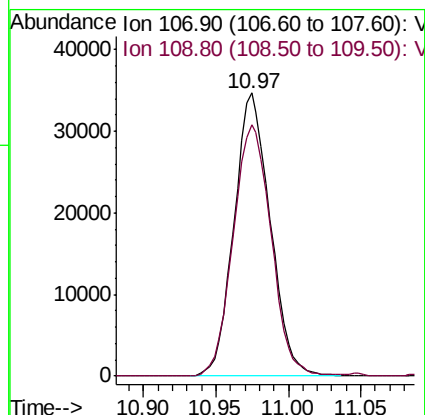
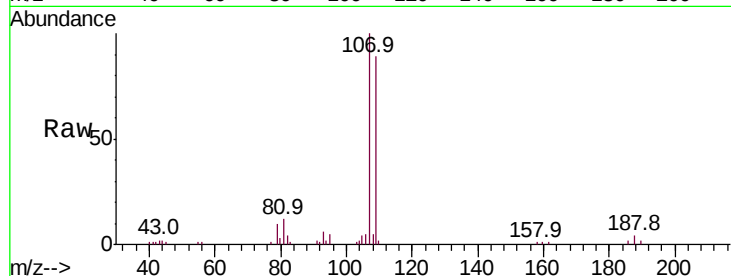
VN1021WBS02

Tot Ion:107 Resp: 60203

Ion Ratio Lower Upper

107 100

109 93.2 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 48.835 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

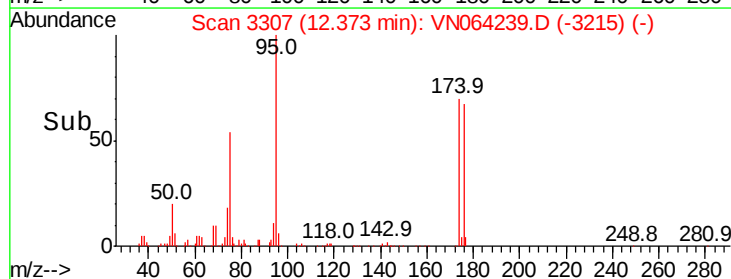
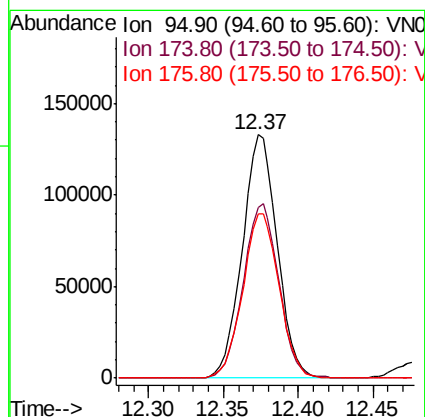
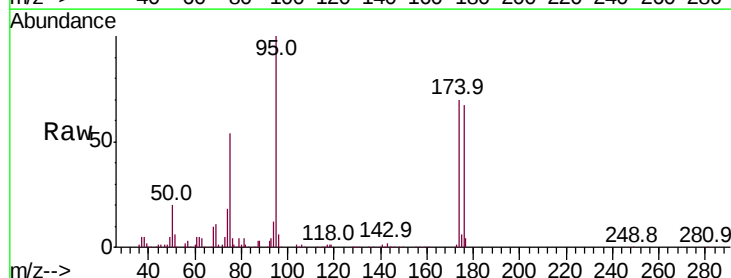
Tgt Ion: 95 Resp: 215979

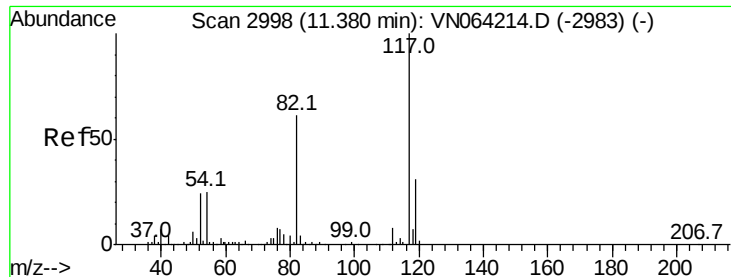
Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.4

176 70.1 0.0 139.2

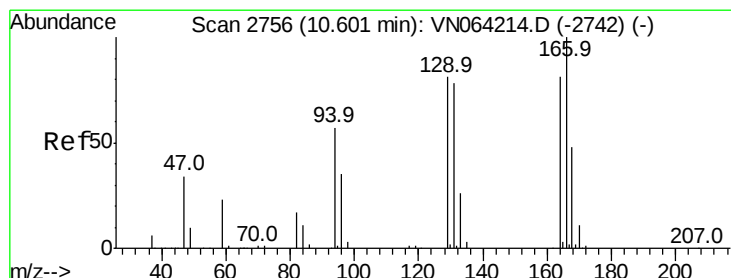
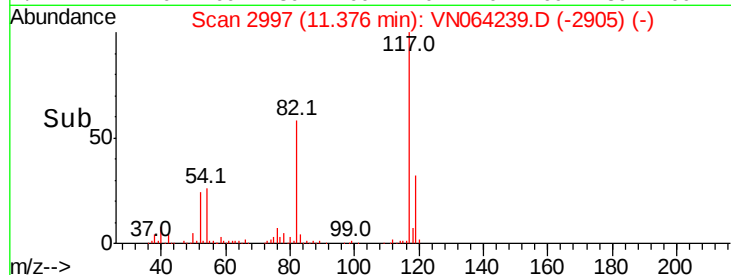
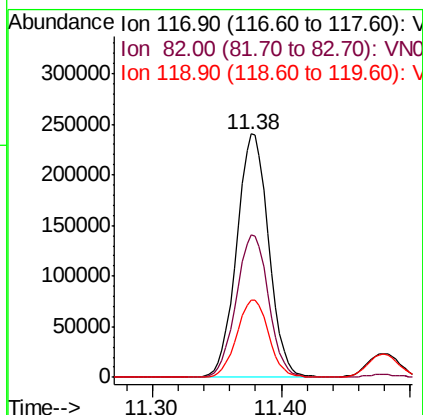
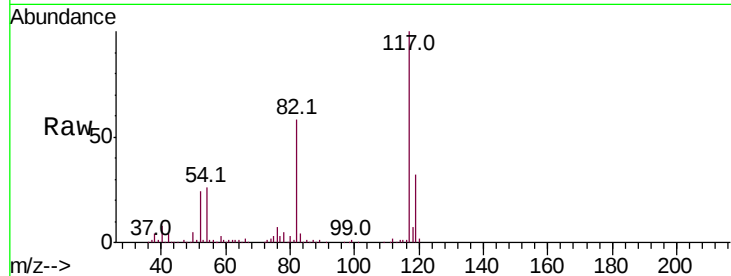




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

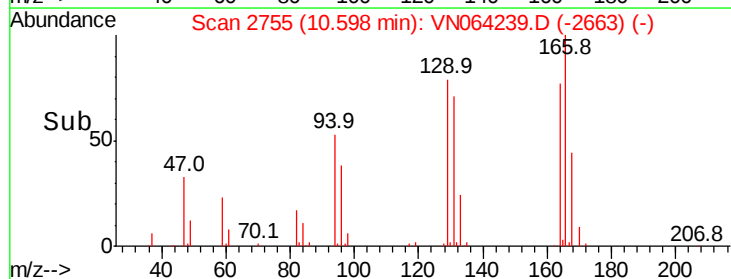
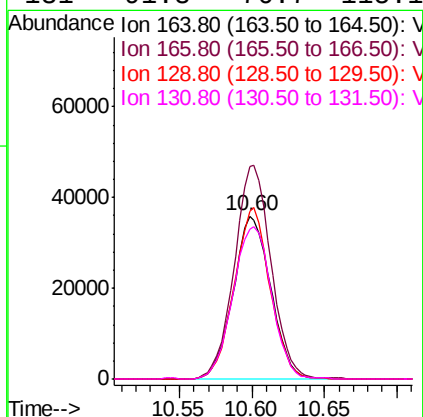
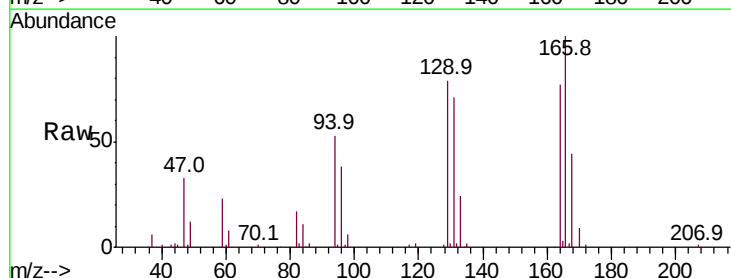
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

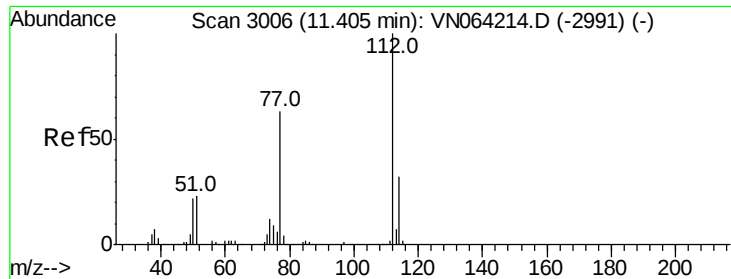
Tot Ion:117 Resp: 414828
Ion Ratio Lower Upper
117 100
82 58.4 48.8 73.2
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 19.275 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion:164 Resp: 64372
Ion Ratio Lower Upper
164 100
166 130.1 98.9 148.3
129 102.8 79.9 119.9
131 91.8 76.7 115.1

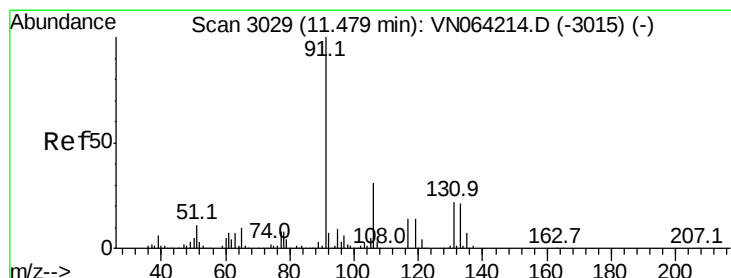
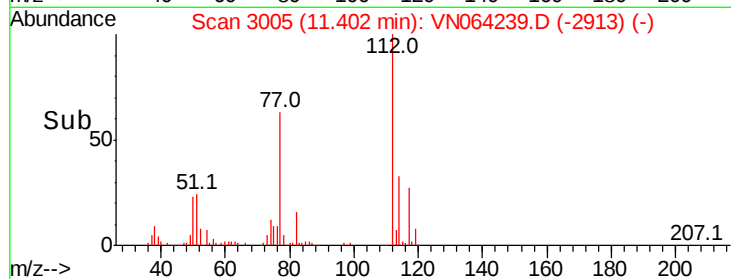
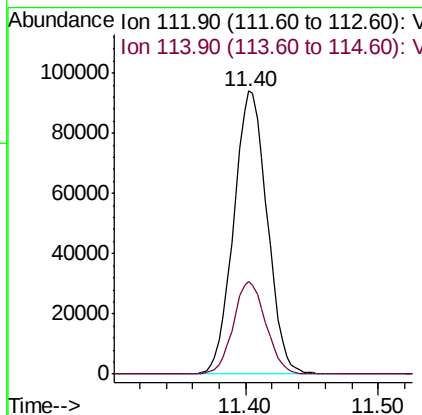
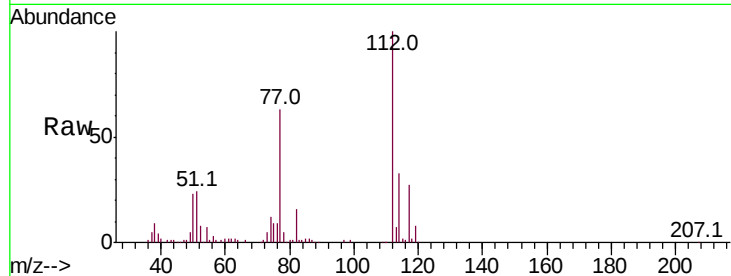




#65
Chlorobenzene
Concen: 19.197 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

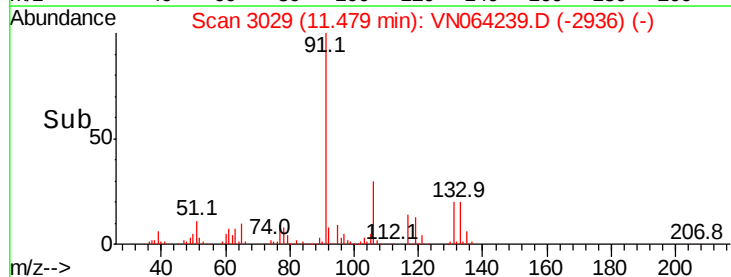
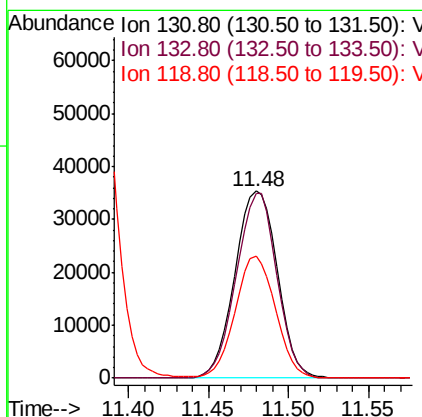
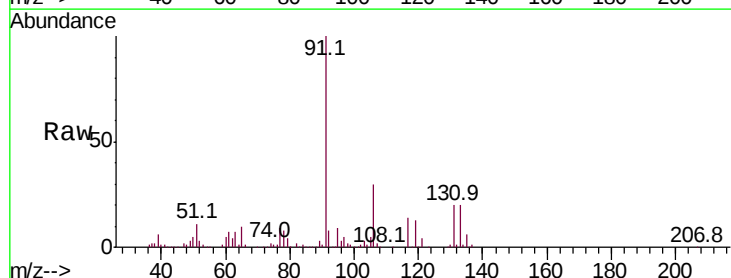
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

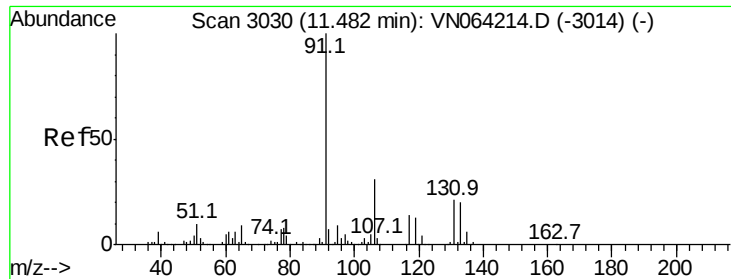
Tot Ion:112 Resp: 164835
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.742 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion:131 Resp: 63881
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.4
119 62.0 32.2 96.6

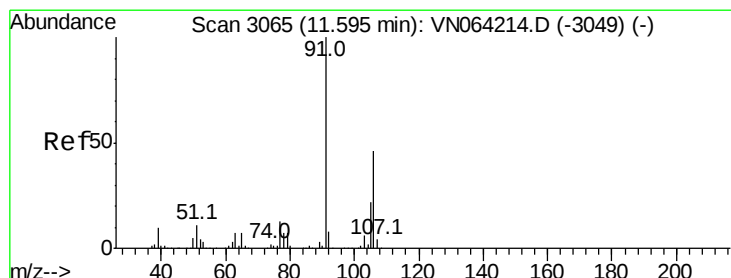
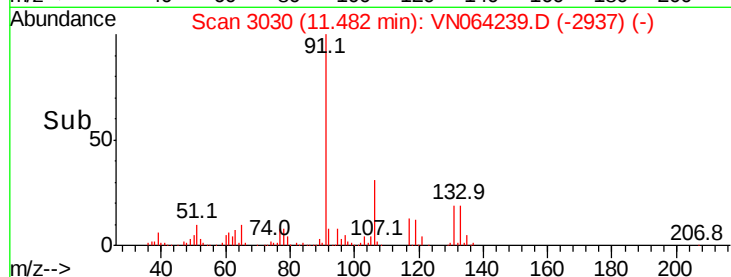
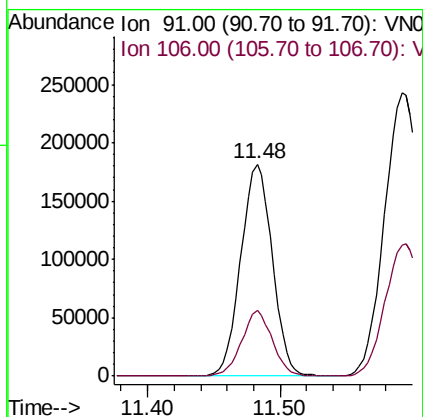
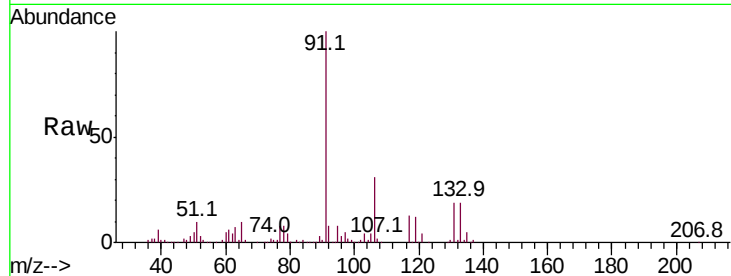




#67
Ethyl Benzene
Concen: 19.071 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

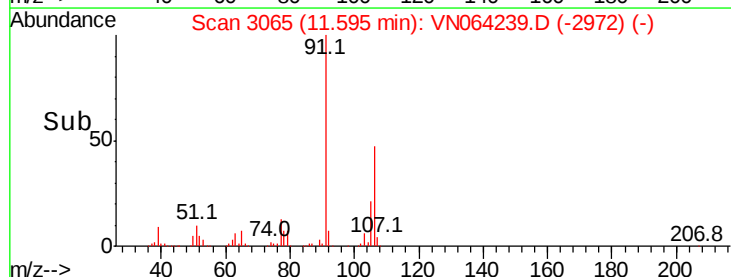
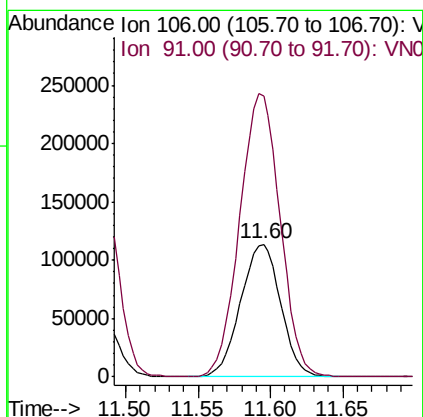
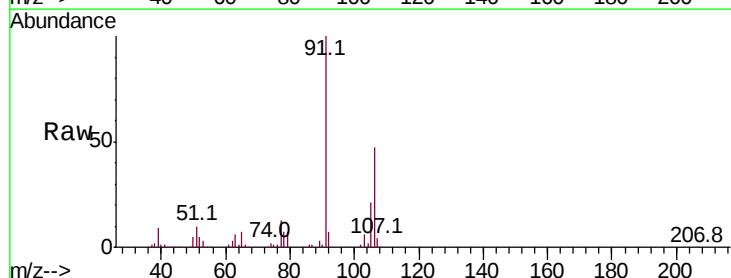
Instrument :
MSVOA_N
ClientSampled :
VN1021WBS02

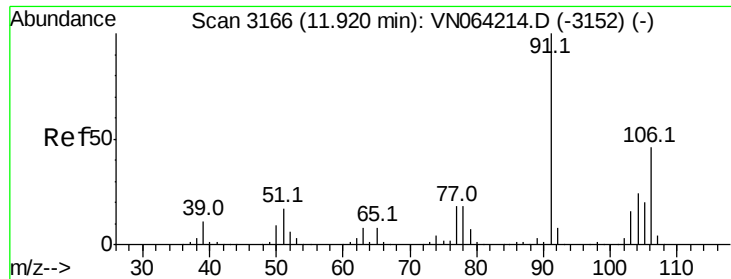
Tot Ion: 91 Resp: 300946
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 37.386 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 106 Resp: 218585
Ion Ratio Lower Upper
106 100
91 215.0 172.2 258.2

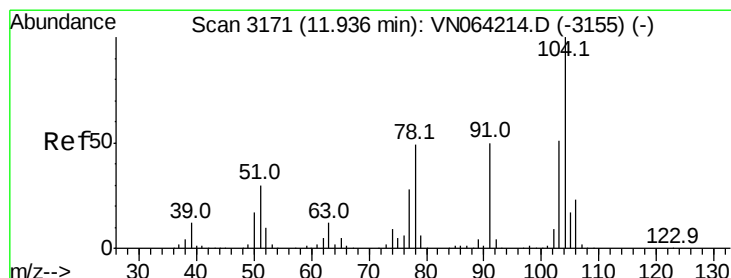
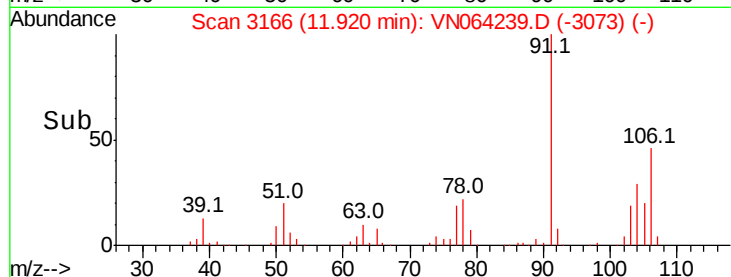
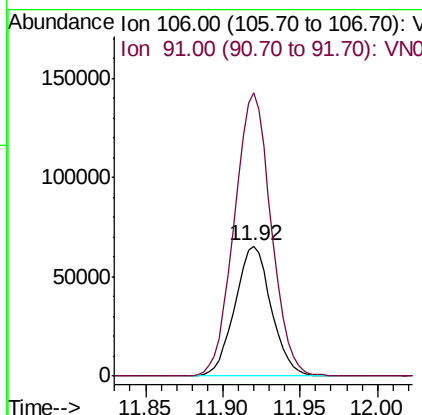
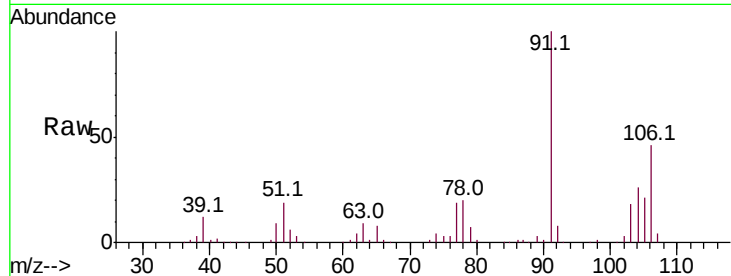




#69
o-Xylene
Concen: 18.866 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

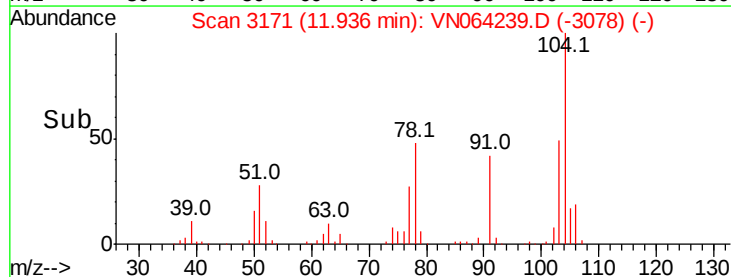
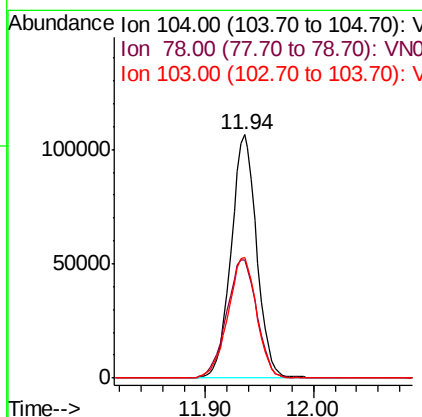
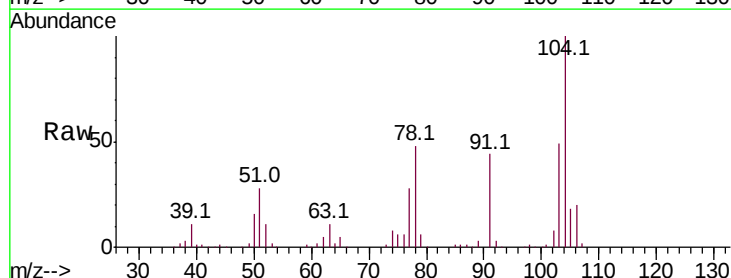
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

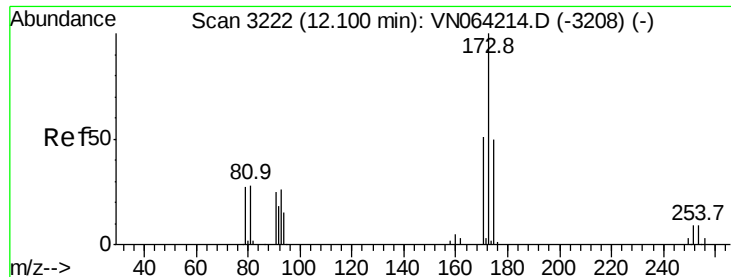
Tot Ion:106 Resp: 106679
Ion Ratio Lower Upper
106 100
91 221.7 109.9 329.6



#70
Styrene
Concen: 18.615 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion:104 Resp: 176436
Ion Ratio Lower Upper
104 100
78 57.1 43.8 65.6
103 55.4 43.4 65.2





#71

Bromoform

Concen: 18.543 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

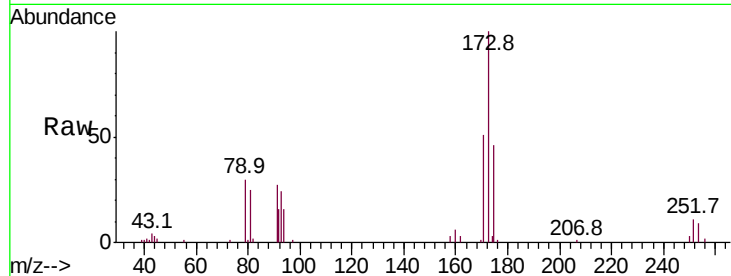
Tot Ion:173 Resp: 48824

Ion Ratio Lower Upper

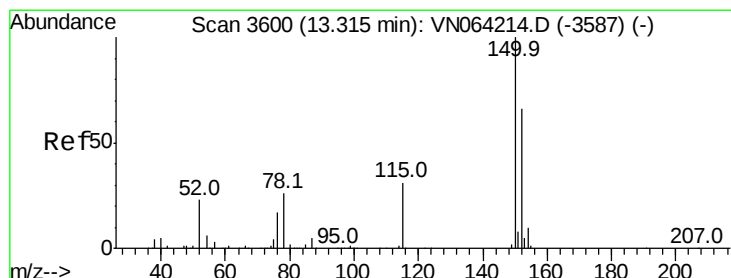
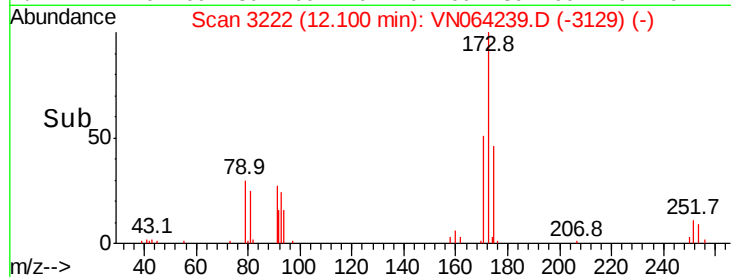
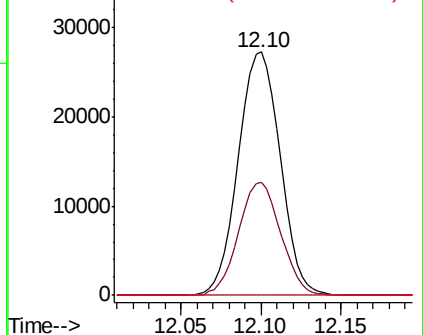
173 100

175 46.5 25.1 75.3

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# 3600

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

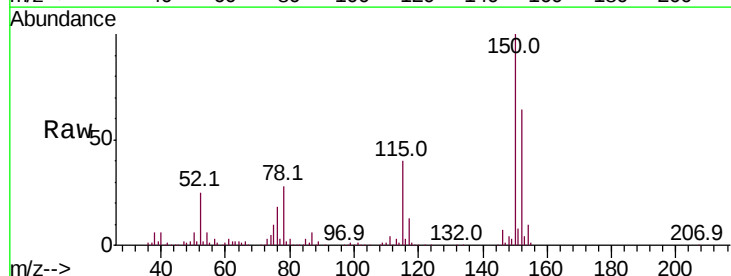
Tgt Ion:152 Resp: 198317

Ion Ratio Lower Upper

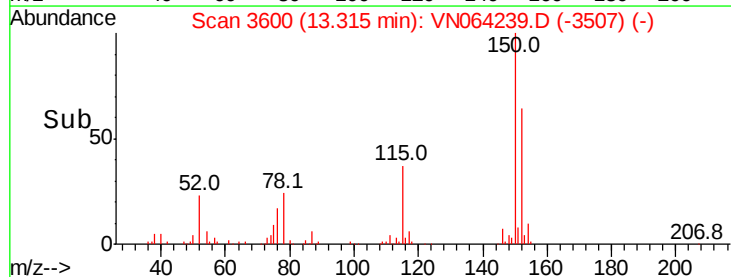
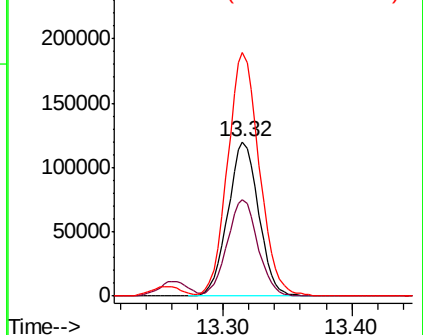
152 100

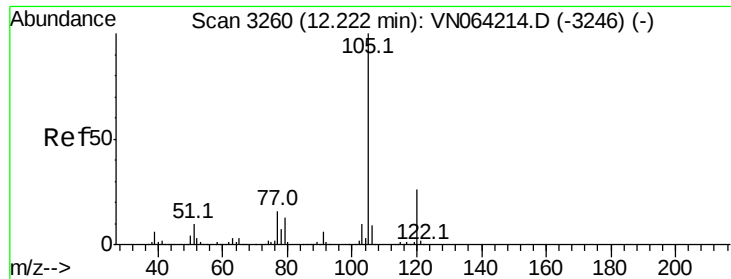
115 62.4 32.0 96.2

150 162.6 0.0 356.6



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





#73

Isopropylbenzene

Concen: 18.984 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

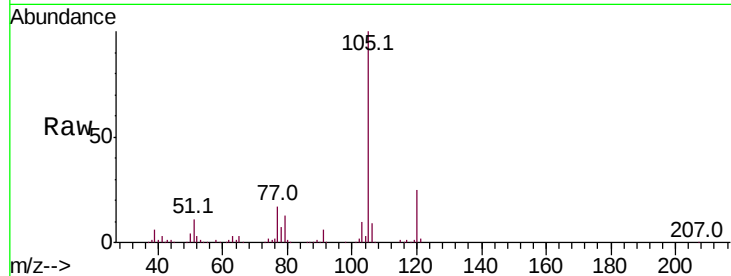
VN1021WBS02

Tot Ion:105 Resp: 287139

Ion Ratio Lower Upper

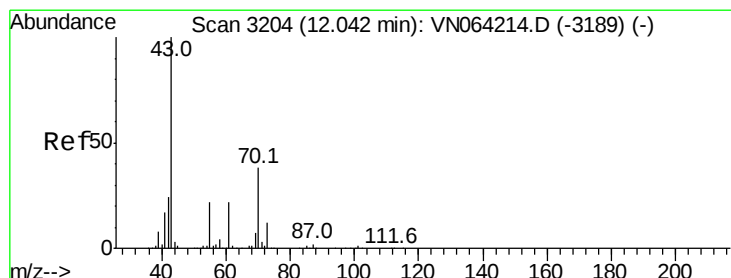
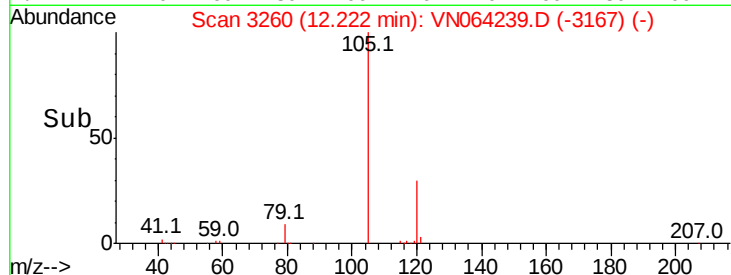
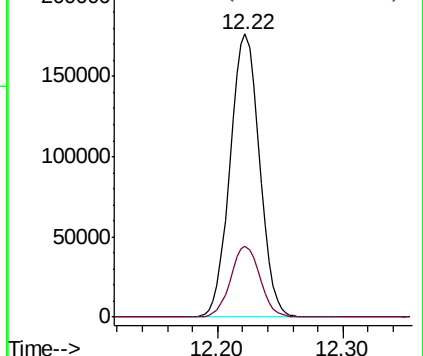
105 100

120 25.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.587 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Tgt Ion: 43 Resp: 121480

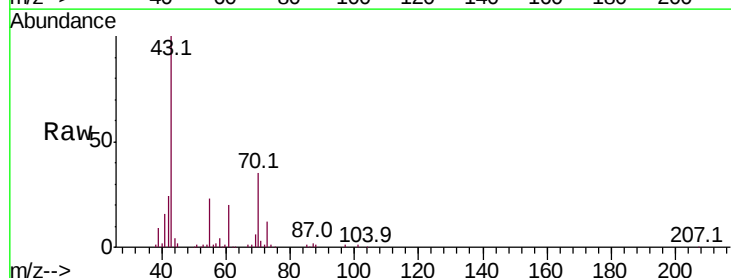
Ion Ratio Lower Upper

43 100

70 35.9 30.2 45.4

55 22.5 18.0 27.0

61 21.9 17.4 26.2

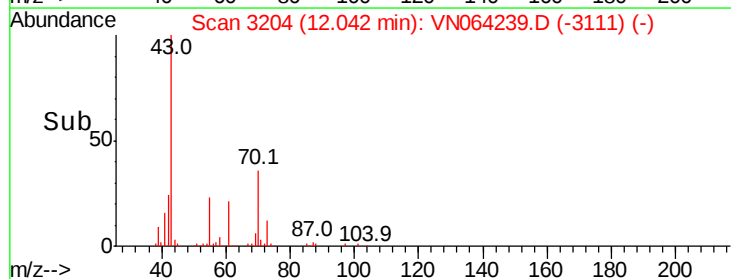
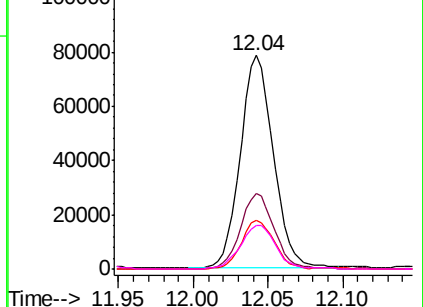


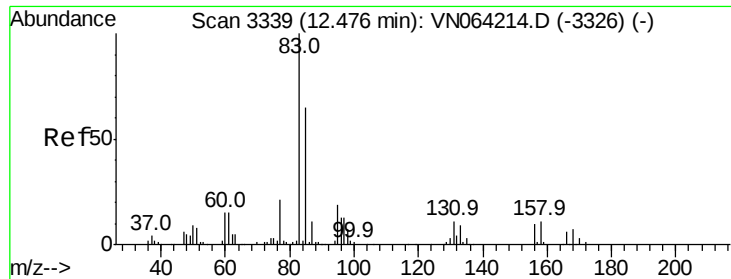
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.284 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

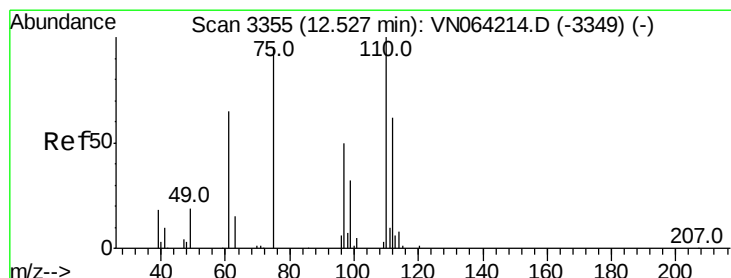
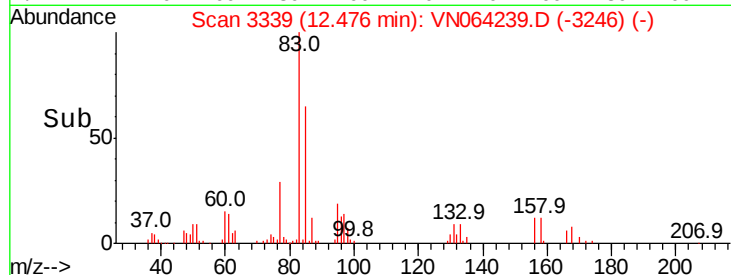
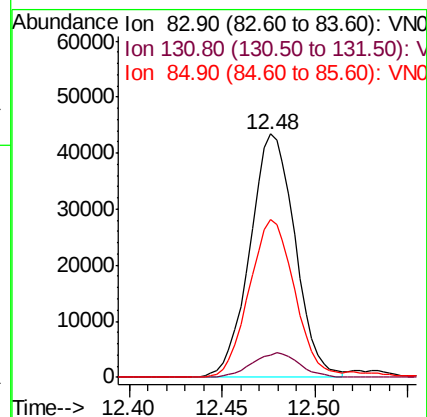
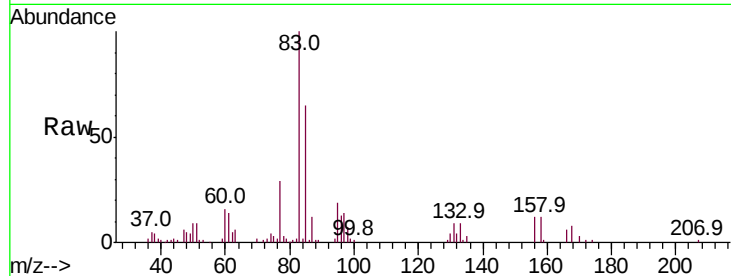
Tot Ion: 83 Resp: 73389

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.7

85 67.0 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 26.178 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064239.D

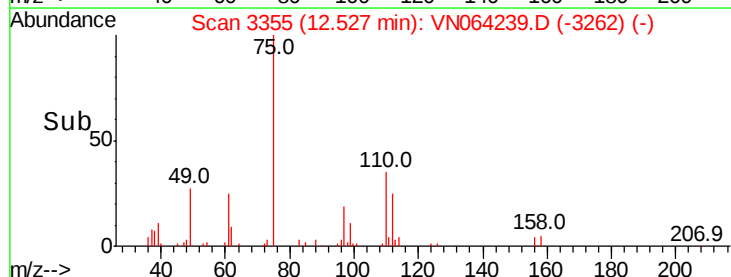
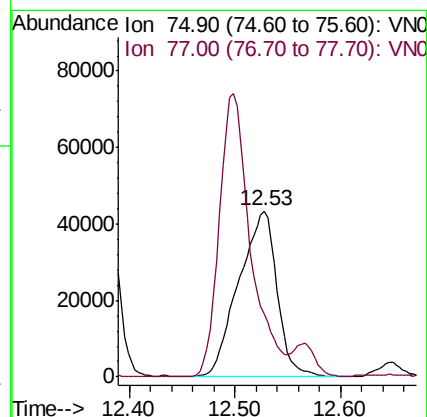
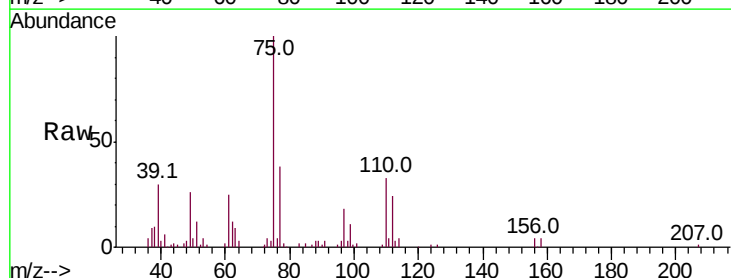
Acq: 22 Oct 2020 1:16

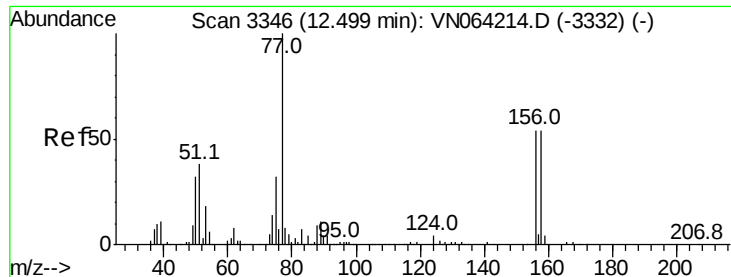
Tgt Ion: 75 Resp: 109448

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.334 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampled :

VN1021WBS02

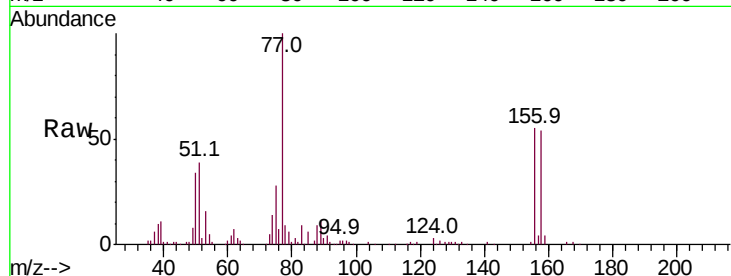
Tot Ion:156 Resp: 69038

Ion Ratio Lower Upper

156 100

77 222.1 111.1 333.4

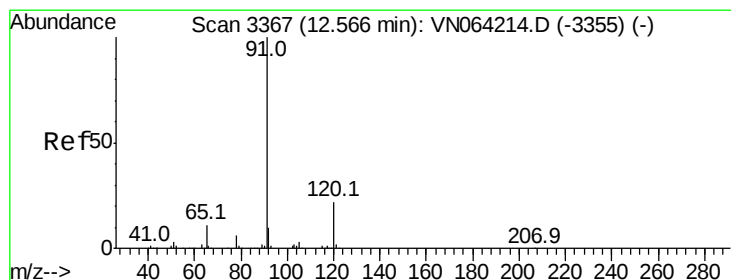
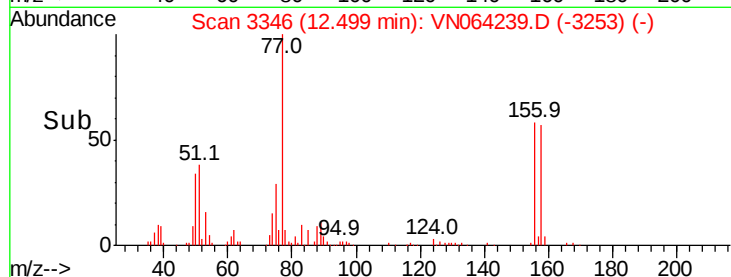
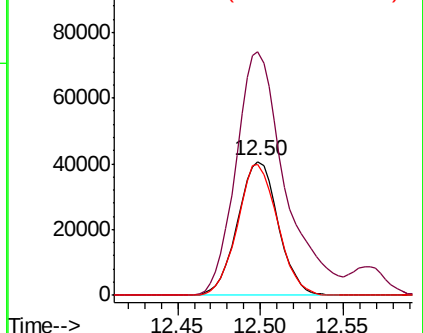
158 97.3 50.0 150.1



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: 18.321 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064239.D

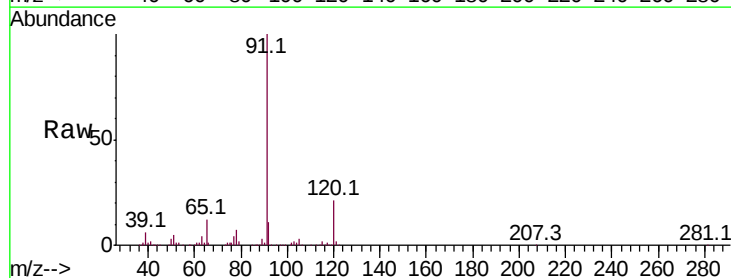
Acq: 22 Oct 2020 1:16

Tgt Ion: 91 Resp: 312455

Ion Ratio Lower Upper

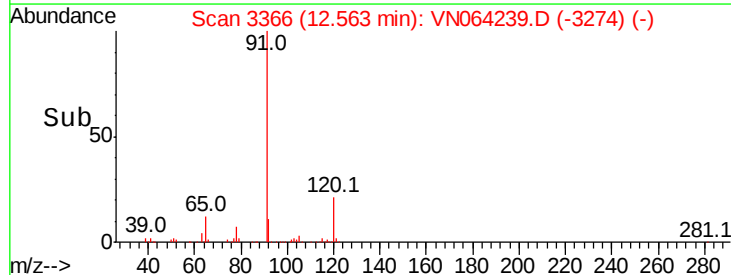
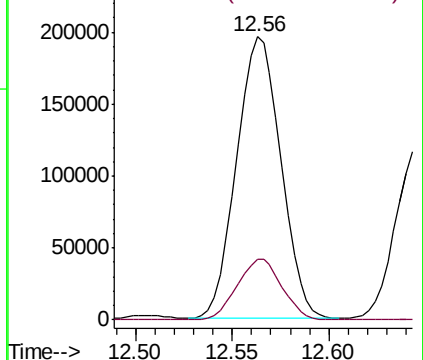
91 100

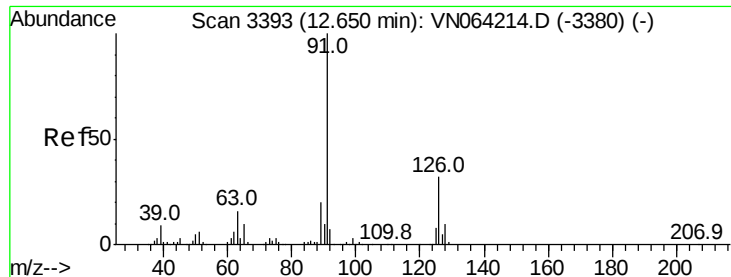
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.109 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

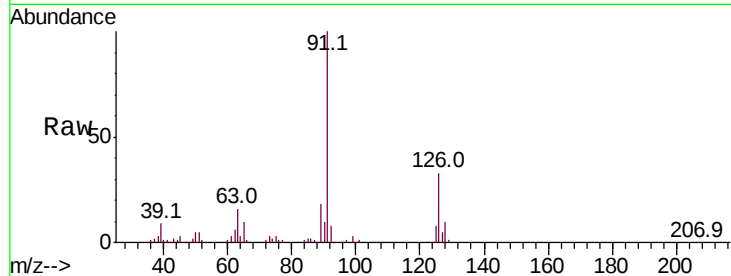
VN1021WBS02

Tot Ion: 91 Resp: 200166

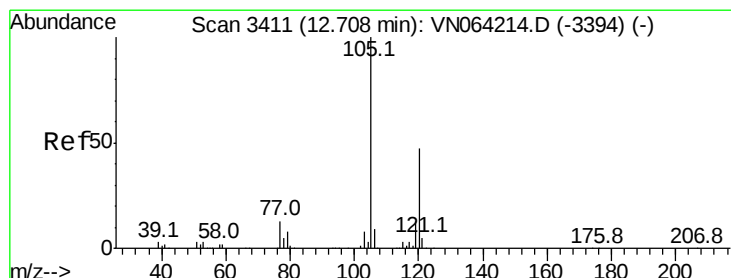
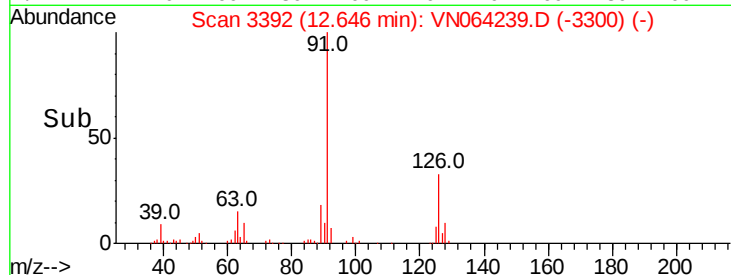
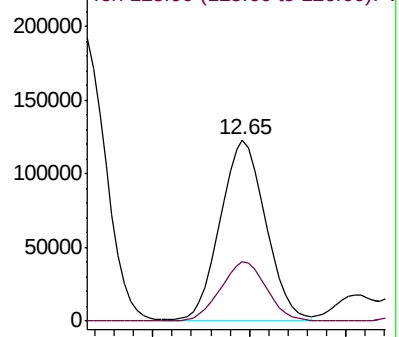
Ion Ratio Lower Upper

91 100

126 33.3 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.341 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064239.D

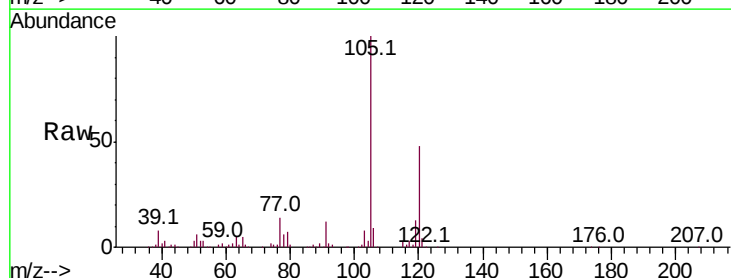
Acq: 22 Oct 2020 1:16

Tgt Ion:105 Resp: 234529

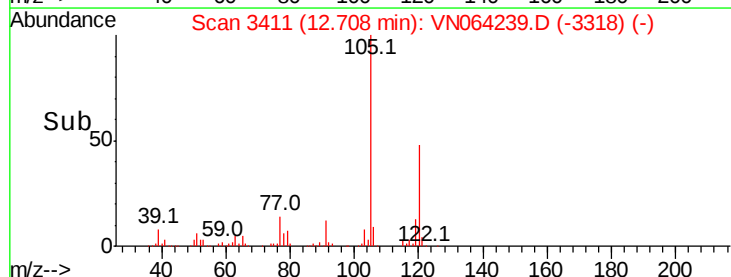
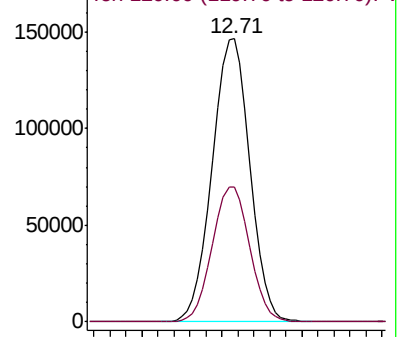
Ion Ratio Lower Upper

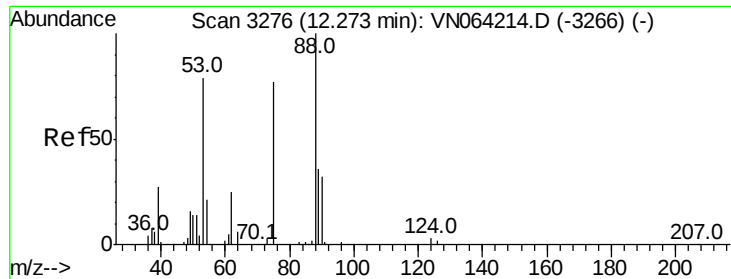
105 100

120 47.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.860 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

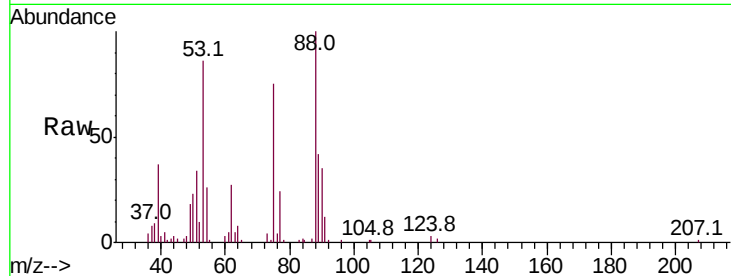
Tot Ion: 75 Resp: 26263

Ion Ratio Lower Upper

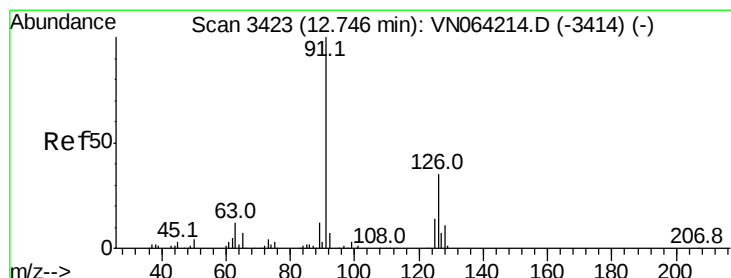
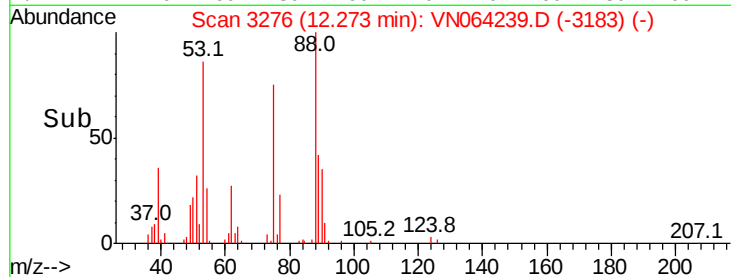
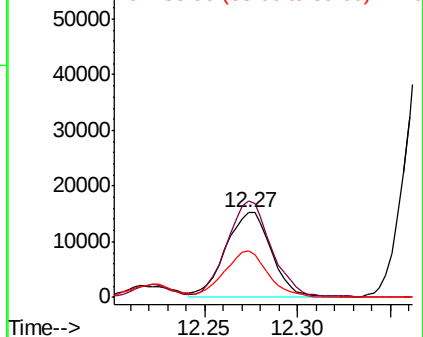
75 100

53 111.1 81.0 121.4

89 51.7 38.7 58.1



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



#82

4-Chlorotoluene

Concen: 19.301 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064239.D

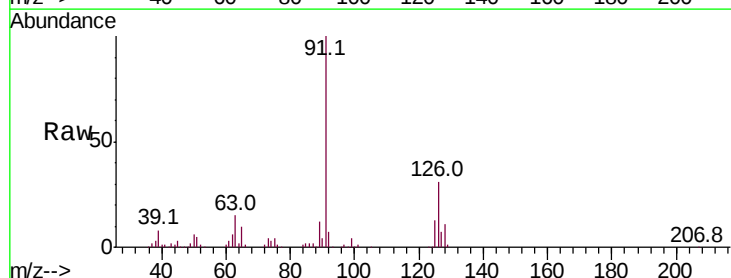
Acq: 22 Oct 2020 1:16

Tgt Ion: 91 Resp: 210889

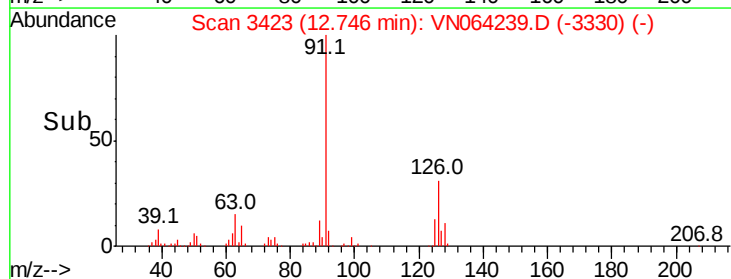
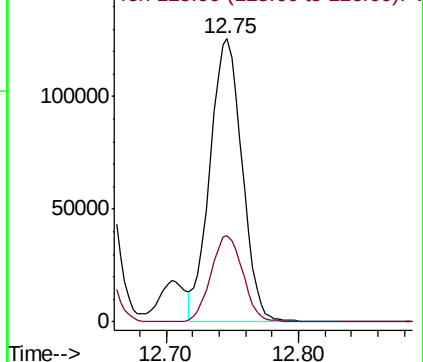
Ion Ratio Lower Upper

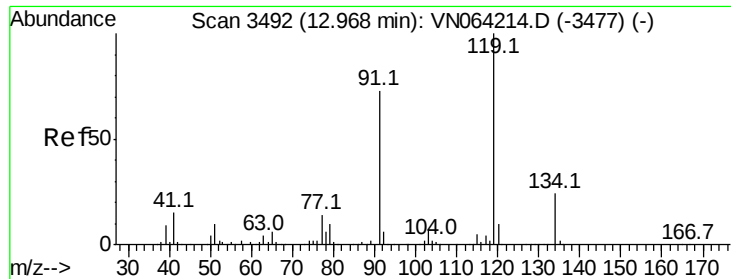
91 100

126 30.6 15.8 47.3



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

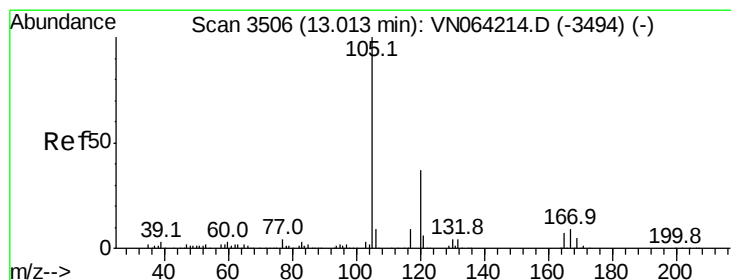
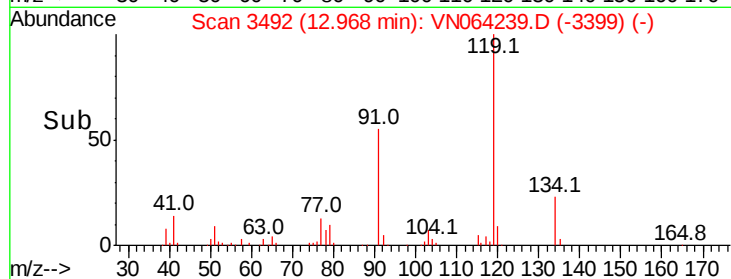
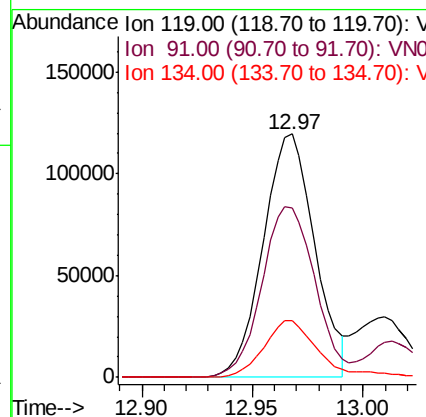
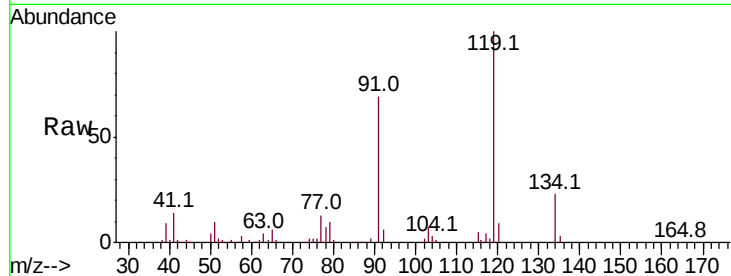




#83
tert-Butylbenzene
Concen: 18.501 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

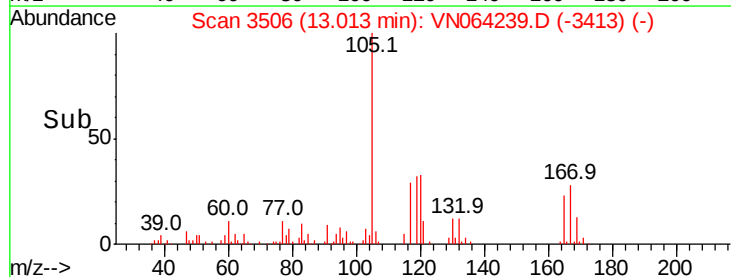
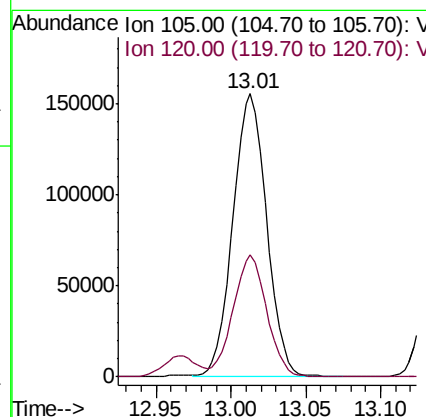
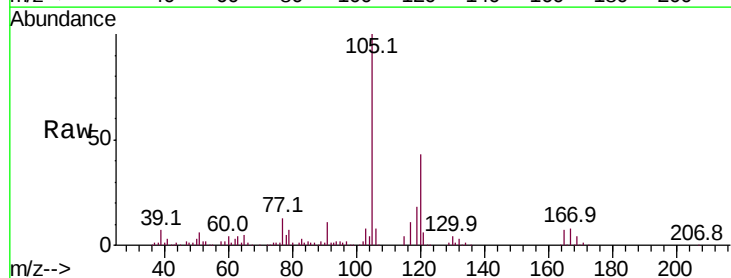
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

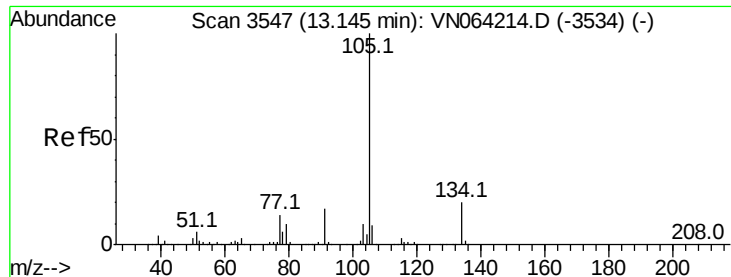
Tot Ion:119 Resp: 193966
Ion Ratio Lower Upper
119 100
91 72.3 35.1 105.3
134 24.8 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 19.139 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion:105 Resp: 243591
Ion Ratio Lower Upper
105 100
120 43.1 21.5 64.5





#85

sec-Butylbenzene

Concen: 18.733 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

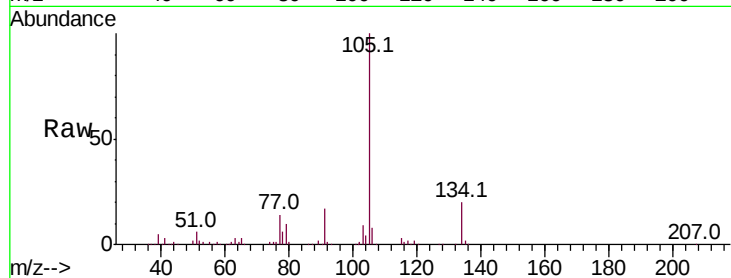
VN1021WBS02

Tot Ion:105 Resp: 247596

Ion Ratio Lower Upper

105 100

134 19.8 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

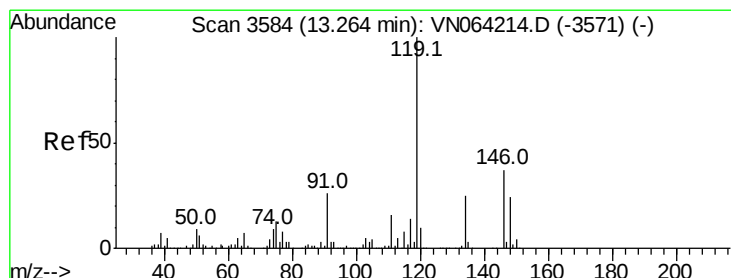
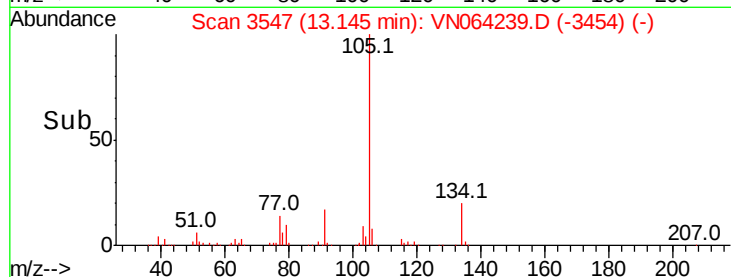
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.695 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

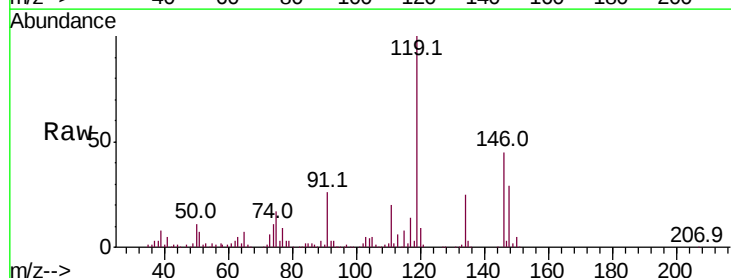
Tgt Ion:119 Resp: 225015

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 26.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

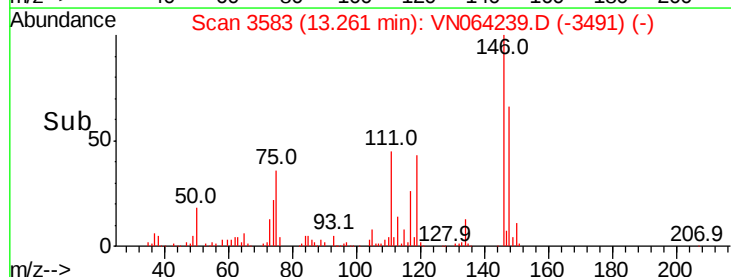
150000

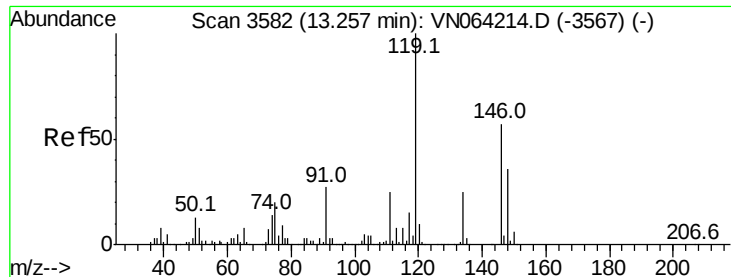
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.596 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

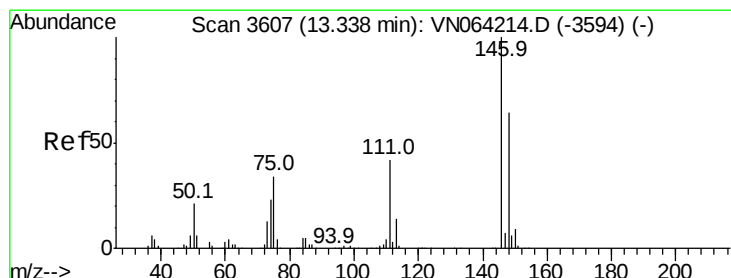
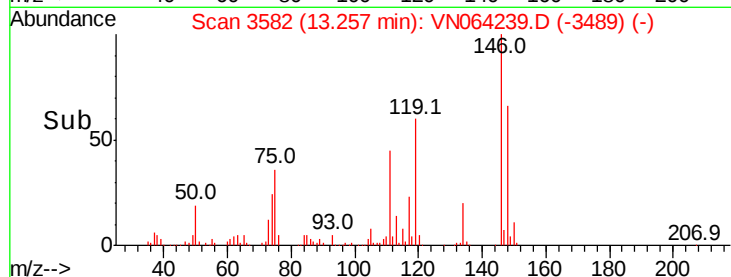
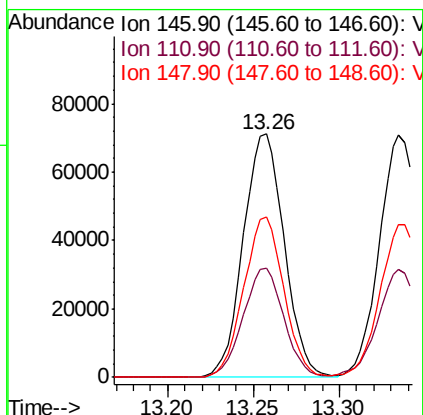
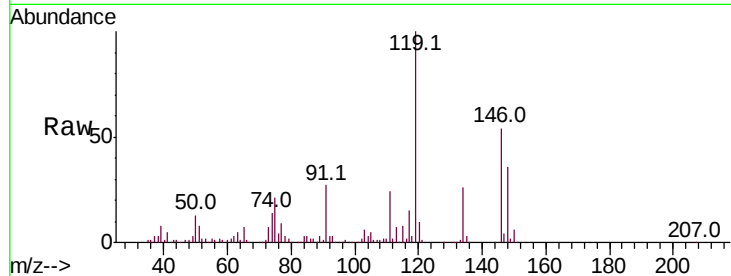
Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

Tot Ion:146 Resp: 118155

Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.6	65.0
148	64.3	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 18.398 ug/l

RT: 13.33 min Scan# 3606

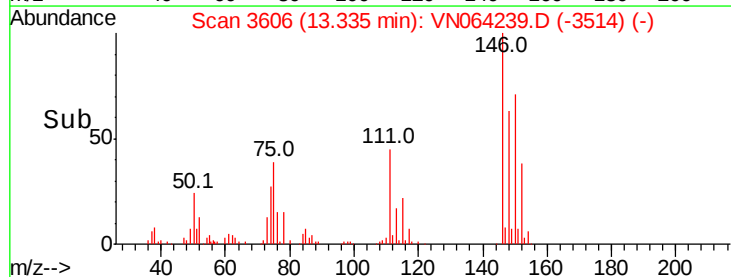
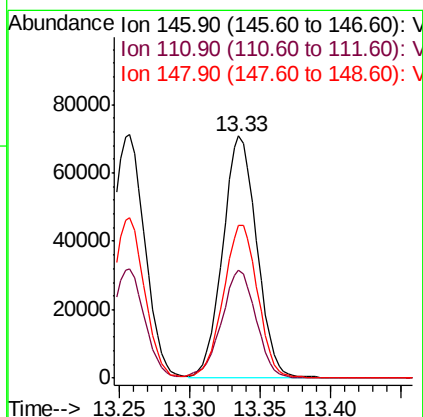
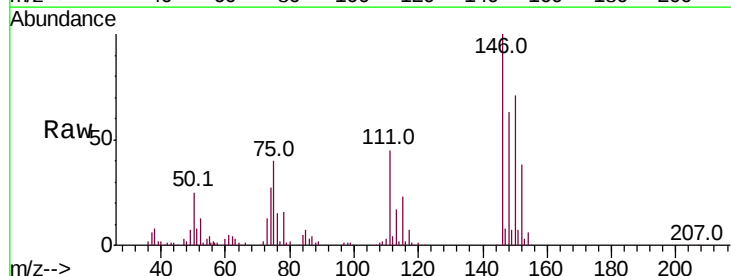
Delta R.T. -0.00 min

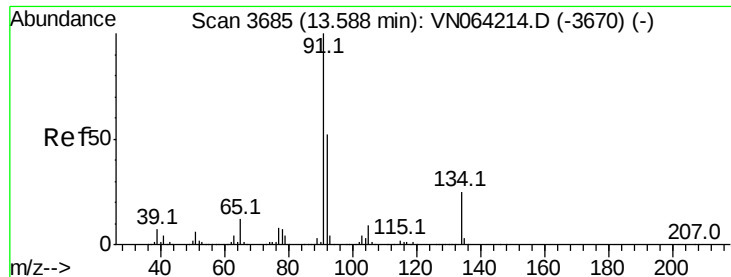
Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Tgt Ion:146 Resp: 119647

Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.5	64.5
148	63.8	32.0	96.0

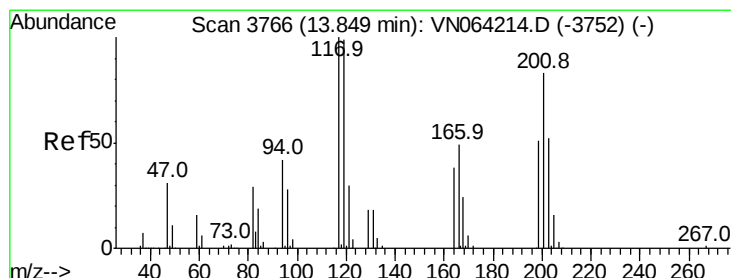
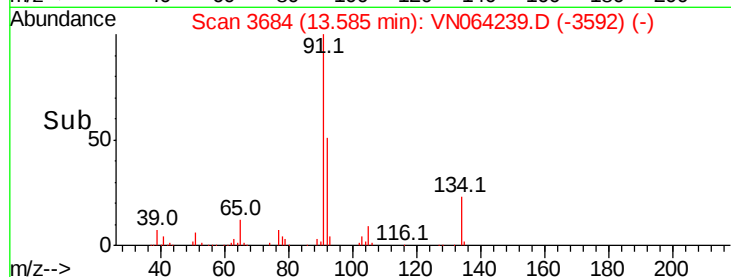
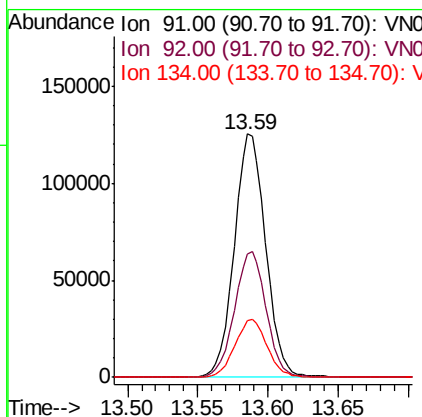
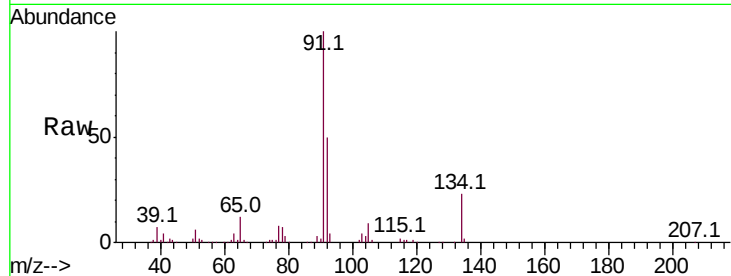




#89
n-Butylbenzene
Concen: 18.169 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

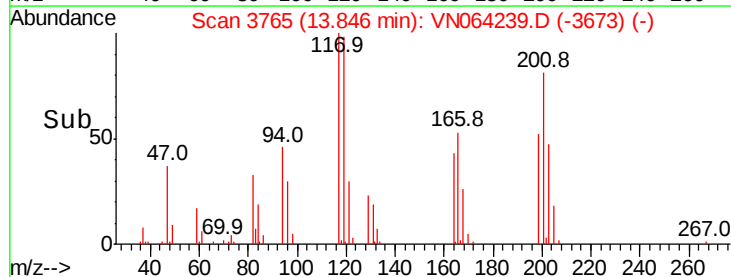
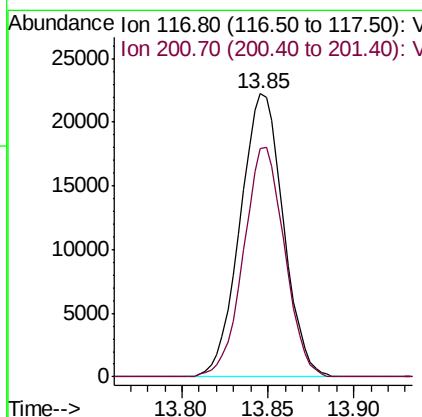
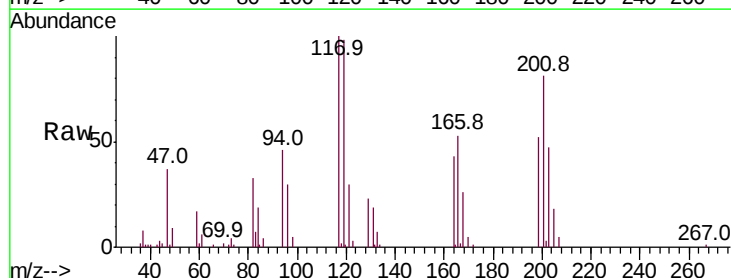
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS02

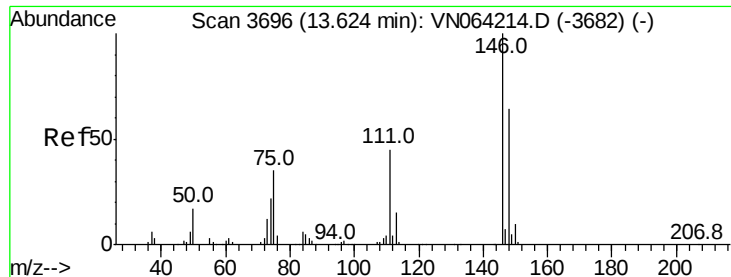
Tot Ion: 91 Resp: 196028
Ion Ratio Lower Upper
91 100
92 51.8 25.7 77.0
134 24.3 12.3 36.8



#90
Hexachloroethane
Concen: 17.820 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064239.D
Acq: 22 Oct 2020 1:16

Tgt Ion: 117 Resp: 38843
Ion Ratio Lower Upper
117 100
201 77.0 40.1 120.3

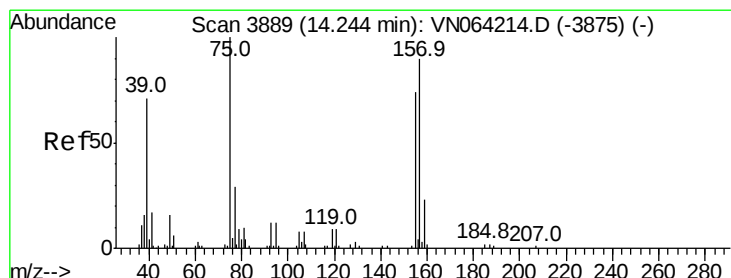
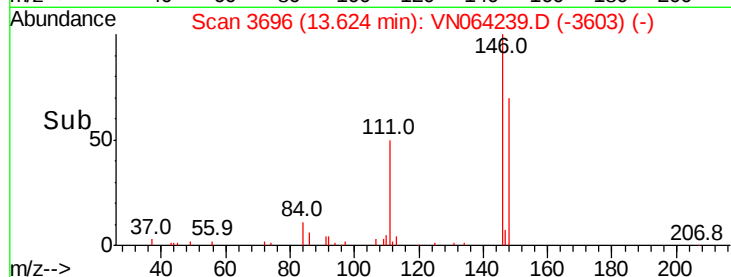
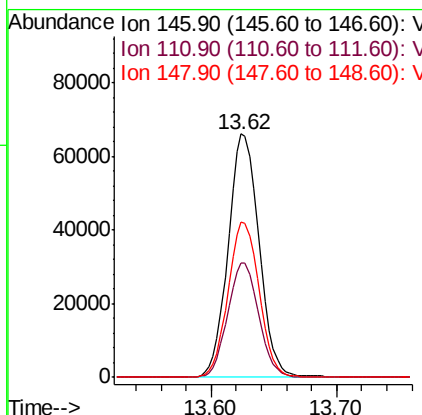
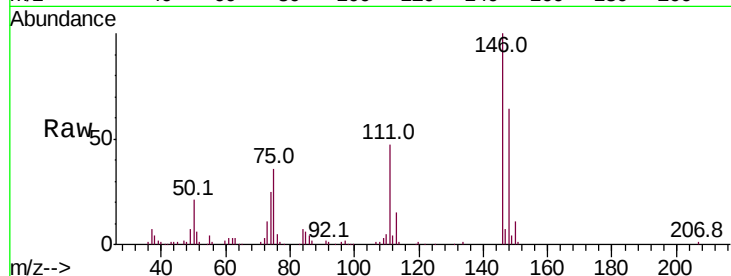




#91
 1,2-Dichlorobenzene
 Concen: 18.172 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

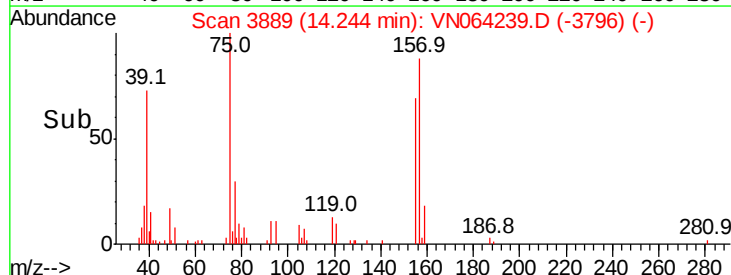
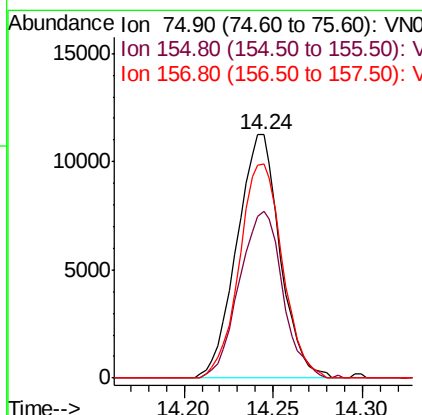
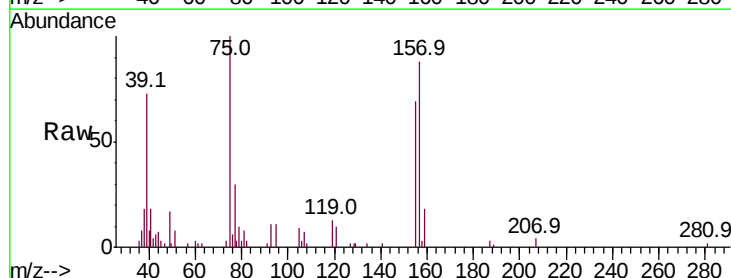
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

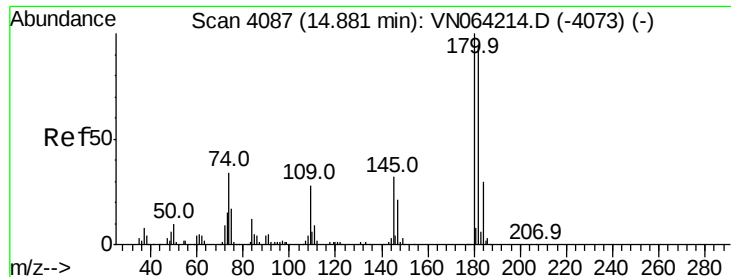
Tot Ion:146 Resp: 113269
 Ion Ratio Lower Upper
 146 100
 111 47.0 22.9 68.7
 148 64.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.931 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

Tgt Ion: 75 Resp: 18957
 Ion Ratio Lower Upper
 75 100
 155 68.8 36.9 110.7
 157 87.9 44.6 133.8

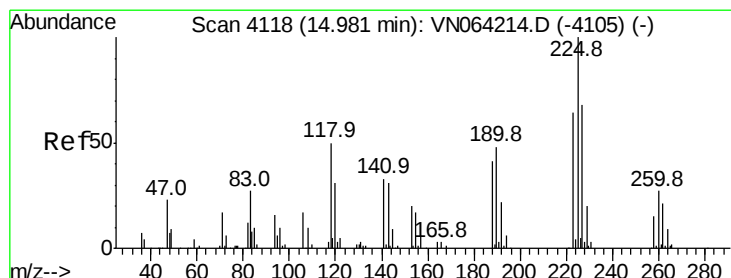
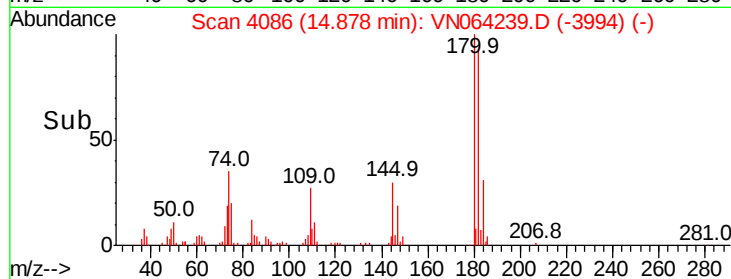
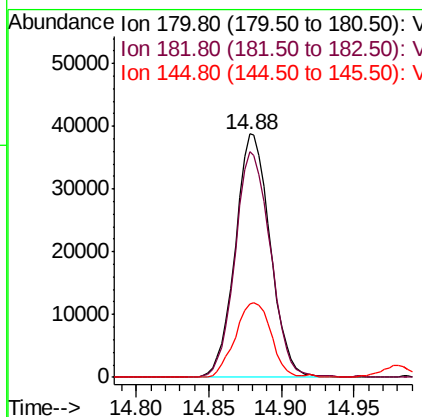
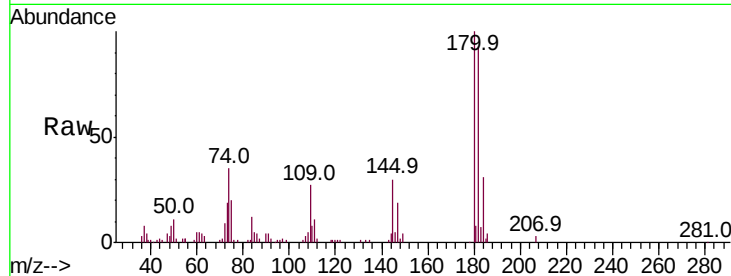




#93
 1,2,4-Trichlorobenzene
 Concen: 18.580 ug/l
 RT: 14.88 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

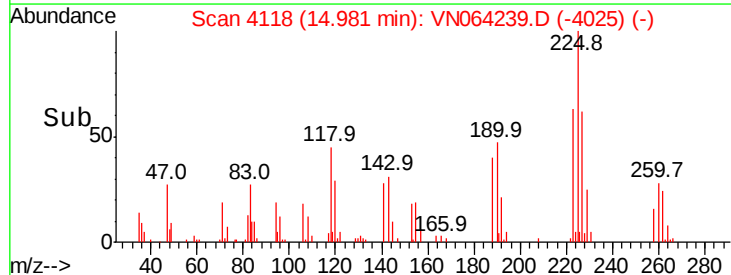
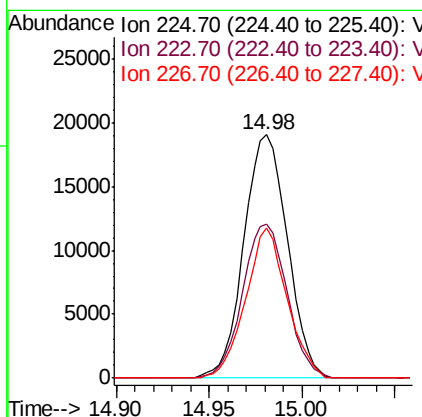
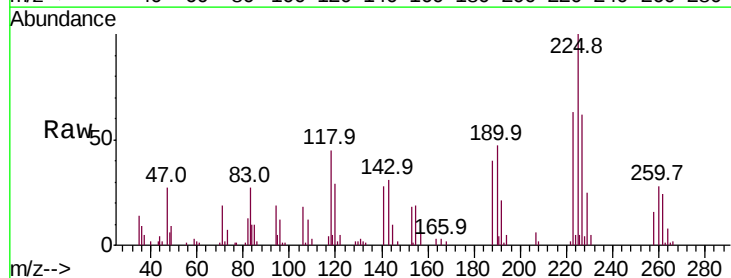
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

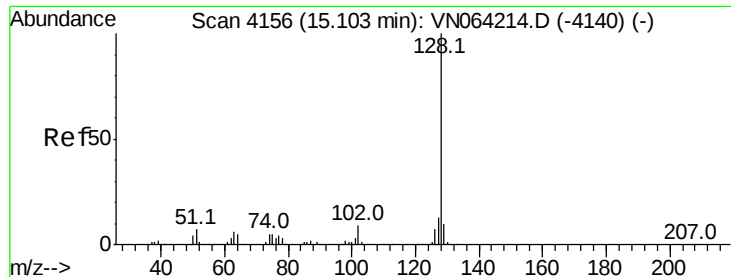
Tot Ion:180 Resp: 64957
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.9 140.7
 145 31.4 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 16.478 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064239.D
 Acq: 22 Oct 2020 1:16

Tgt Ion:225 Resp: 31071
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.5 94.5
 227 58.6 32.1 96.5





#95

Naphthalene

Concen: 18.356 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS02

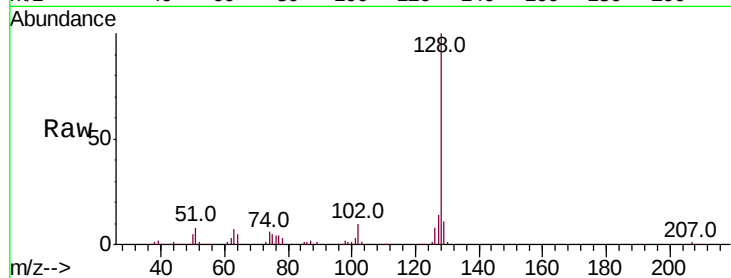
Tot Ion:128 Resp: 192177

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

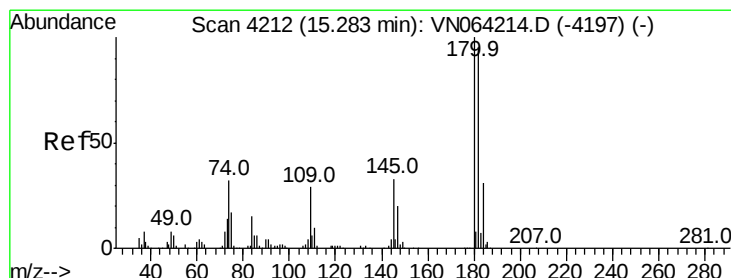
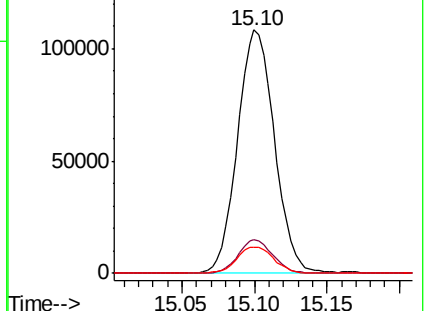
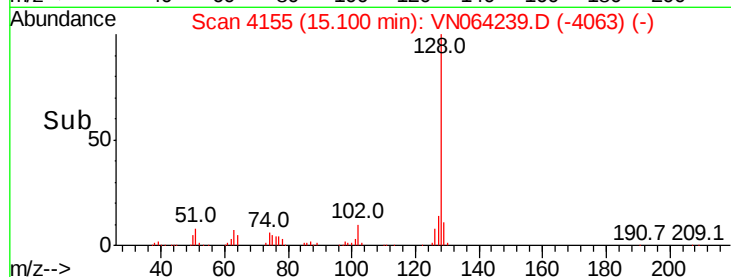
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.029 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064239.D

Acq: 22 Oct 2020 1:16

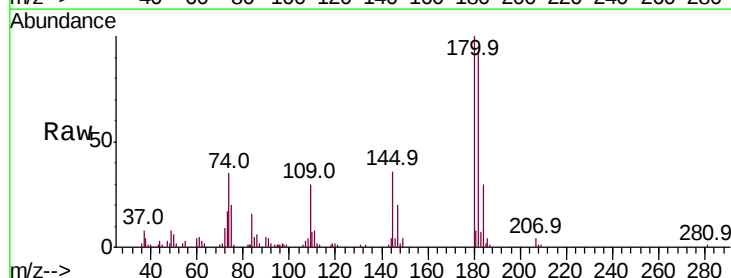
Tgt Ion:180 Resp: 62426

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.2

145 36.1 17.1 51.3



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

