

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064260.D
 Acq On : 22 Oct 2020 19:17
 Operator : JC/MD
 Sample : VN1022WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

Quant Time: Oct 23 01:06:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 22 16:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	47307	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	268700	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	238716	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	127274	32.86	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.53%
60) 4-Bromofluorobenzene	12.38	95	131509	30.74	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.47%
63) Toluene-d8	10.06	98	324750	30.05	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	65531	20.190 ug/l	97
3) Chloromethane	2.04	50	64270	19.323 ug/l	98
4) Vinyl Chloride	2.16	62	64089	19.585 ug/l	94
5) Bromomethane	2.54	94	39782	20.321 ug/l	95
6) Chloroethane	2.67	64	38750	20.332 ug/l	98
7) Trichlorofluoromethane	2.98	101	112973	21.506 ug/l	96
8) Diethyl Ether	3.38	74	33627	18.855 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	52923	19.089 ug/l	97
10) 1,1-Dichloroethene	3.70	96	50804	18.821 ug/l	96
11) Methyl Iodide	3.91	142	71621	18.408 ug/l	97
12) Methyl Acetate	4.28	43	62388	21.928 ug/l	100
13) Acrolein	3.57	56	39575	127.213 ug/l #	43
14) Acrylonitrile	4.93	53	112093	97.768 ug/l	97
15) Acetone	3.77	58	17251	55.728 ug/l	73
16) Carbon Disulfide	4.01	76	139293	18.044 ug/l	97
17) Allyl chloride	4.28	41	94916	18.910 ug/l	97
18) Methylene Chloride	4.50	84	60638	19.641 ug/l	97
19) trans-1,2-Dichloroethene	4.99	96	54427	18.691 ug/l	97
20) Diisopropyl ether	5.90	45	185420	19.989 ug/l	95
21) 1,1-Dichloroethane	5.80	63	113214	19.992 ug/l	99
22) cis-1,2-Dichloroethene	6.78	96	66676	19.587 ug/l	96
23) tert-Butyl Alcohol	4.73	59	55424	104.517 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	177569	19.907 ug/l #	53
25) Chloroform	7.33	83	119824	20.365 ug/l	96
26) Cyclohexane	7.62	56	80636	17.959 ug/l #	86
29) 1,1-Dichloropropene	7.75	75	86803	19.452 ug/l	98
30) 2-Butanone	6.79	43	191243	103.927 ug/l	100
31) 2,2-Dichloropropane	6.78	77	106040	18.718 ug/l #	81
32) 1,1,1-Trichloroethane	7.53	97	111385	19.591 ug/l	98
33) Carbon Tetrachloride	7.73	117	103132	19.897 ug/l	97
34) Benzene	8.00	78	236765	19.054 ug/l	100
35) Methacrylonitrile	7.12	41	36449	18.058 ug/l	92
36) 1,2-Dichloroethane	8.09	62	106270	21.145 ug/l	99
37) Trichloroethene	8.80	130	66880	19.548 ug/l	96
38) Methylcyclohexane	9.05	83	74709	17.505 ug/l	98
39) 1,2-Dichloropropane	9.08	63	64508	19.453 ug/l	99
40) Dibromomethane	9.18	93	44715	19.380 ug/l	99

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 Sample : VN1022WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

Quant Time: Oct 23 01:06:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 22 16:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	98151	19.656	ug/l	99
42) Vinyl Acetate	5.84	43	850244	97.326	ug/l	99
43) Ethyl Acetate	6.88	43	71732	17.848	ug/l #	87
44) Isopropyl Acetate	7.98	43	4479	0.581	ug/l	91
45) 1,4-Dioxane	9.16	88	18024	399.412	ug/l	99
46) Methyl methacrylate	9.16	41	71831	19.620	ug/l	95
47) n-amyl Acetate	12.05	43	123718	18.075	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	109638	19.468	ug/l	93
49) cis-1,3-Dichloropropene	9.81	75	109984	18.902	ug/l	95
50) 1,1,2-Trichloroethane	10.53	97	60879	19.695	ug/l	97
51) Ethyl methacrylate	10.40	69	91440	18.707	ug/l	96
52) 1,3-Dichloropropane	10.68	76	103348	19.393	ug/l	99
53) Dibromochloromethane	10.87	129	74819	19.231	ug/l	100
54) 1,2-Dibromoethane	10.98	107	62332	18.971	ug/l	94
55) 2-Chloroethyl vinyl ether	9.66	63	221828	92.340	ug/l	99
56) Bromoform	12.10	173	50535	18.652	ug/l #	98
58) 4-Methyl-2-Pentanone	9.95	43	416673	103.005	ug/l	99
59) 2-Hexanone	10.72	43	300927	100.205	ug/l	99
61) Tetrachloroethene	10.60	164	64069	19.909	ug/l	94
62) Toluene	10.13	91	264276	19.365	ug/l	100
64) Chlorobenzene	11.41	112	165434	19.466	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	67079	20.145	ug/l	96
66) Ethyl Benzene	11.48	91	296197	18.878	ug/l	99
67) m/p-Xylenes	11.59	106	221212	37.910	ug/l	98
68) o-Xylene	11.92	106	105374	18.609	ug/l	98
69) Styrene	11.94	104	178517	18.634	ug/l	98
70) Isopropylbenzene	12.22	105	290596	19.432	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	76437	18.652	ug/l	95
72) 1,2,3-Trichloropropane	12.53	75	120514	28.180	ug/l	49
73) Bromobenzene	12.50	156	69246	19.202	ug/l	95
74) n-propylbenzene	12.57	91	326088	19.105	ug/l	99
75) 2-Chlorotoluene	12.65	91	206410	19.535	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	241148	18.950	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	30964	18.519	ug/l	97
78) 4-Chlorotoluene	12.75	91	214604	19.417	ug/l	99
79) tert-butylbenzene	12.97	119	199414	19.168	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	237936	18.419	ug/l	96
81) sec-Butylbenzene	13.14	105	248398	18.351	ug/l	100
82) p-Isopropyltoluene	13.26	119	232700	18.574	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	120504	18.642	ug/l	99
84) 1,4-Dichlorobenzene	13.33	146	120028	18.546	ug/l	97
85) n-Butylbenzene	13.59	91	196835	17.699	ug/l	99
86) Hexachloroethane	13.85	117	37591	17.429	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	119779	19.000	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.24	75	19769	19.046	ug/l	93
89) 1,2,4-Trichlorobenzene	14.88	180	64922	17.150	ug/l	96
90) Hexachlorobutadiene	14.98	225	34910	18.193	ug/l	99
91) Naphthalene	15.10	128	200652	17.486	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	66122	18.264	ug/l	98

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

Quant Time: Oct 23 01:06:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 22 16:07:21 2020
Response via : Initial Calibration

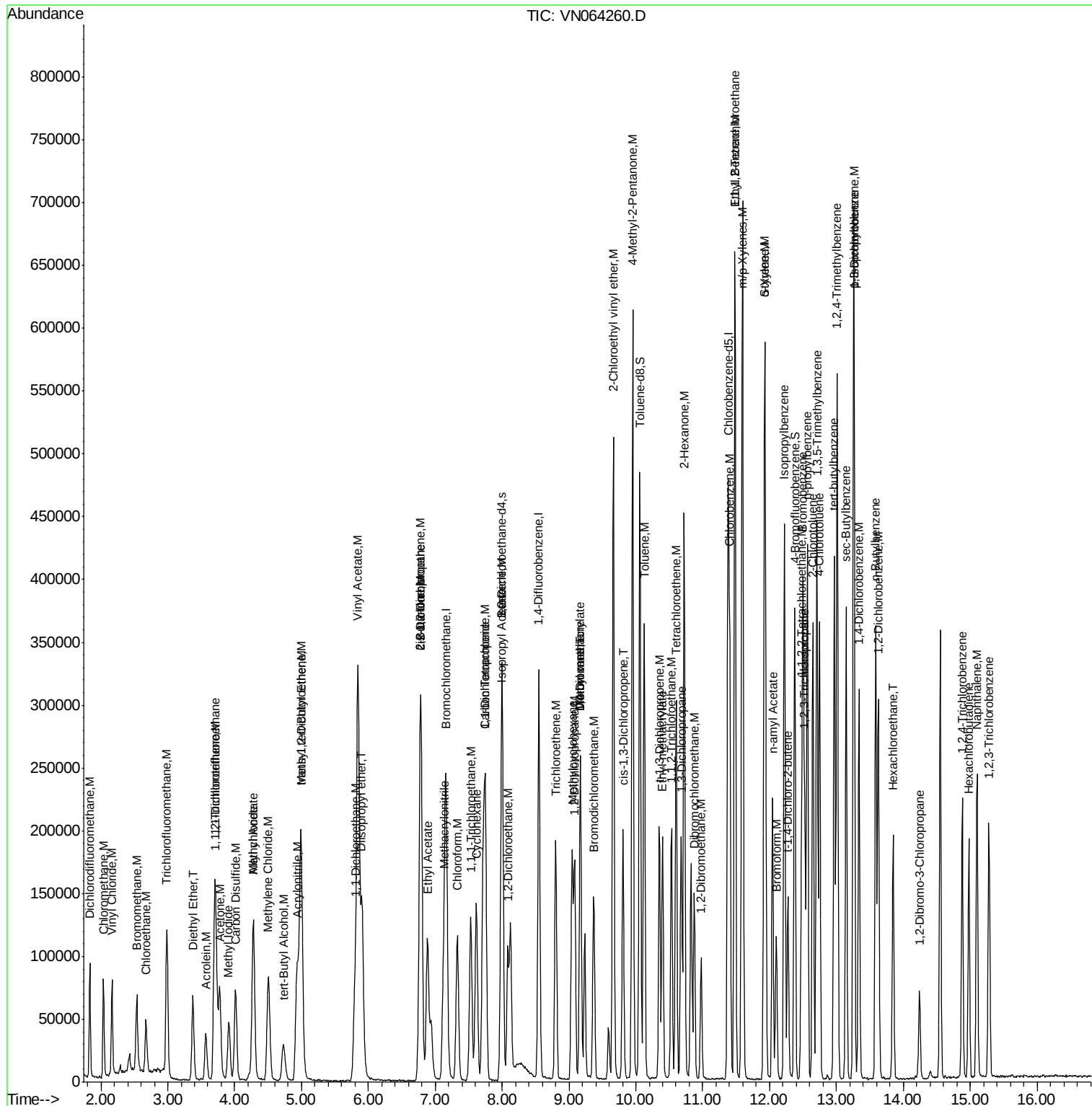
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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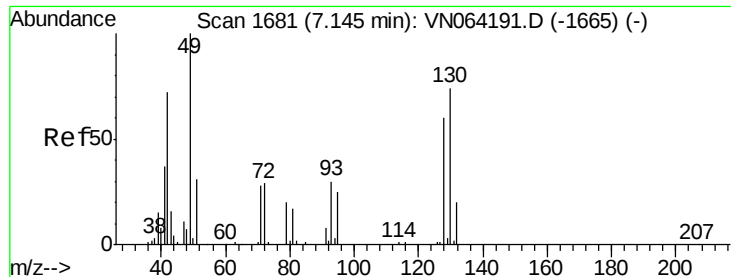
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
Data File : VN064260.D
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Operator : JC/MD
Sample : VN1022WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

Quant Time: Oct 23 01:06:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 22 16:07:21 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

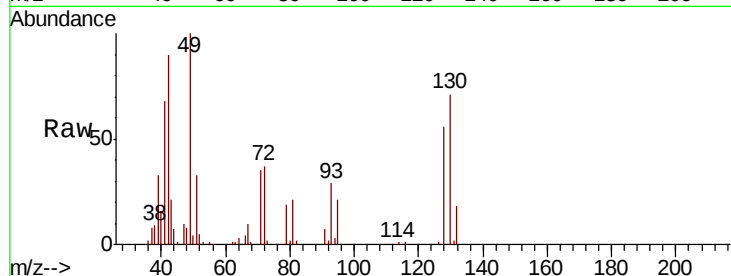
Tot Ion:128 Resp: 47307

Ion Ratio Lower Upper

128 100

49 177.4 0.0 433.3

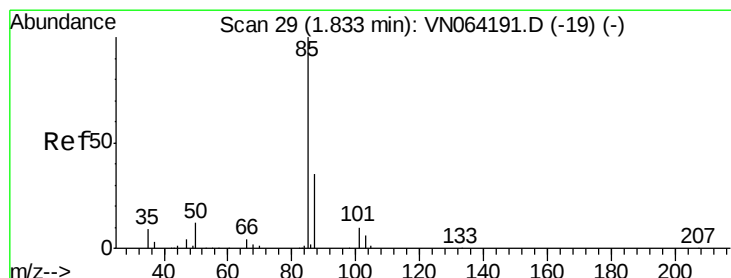
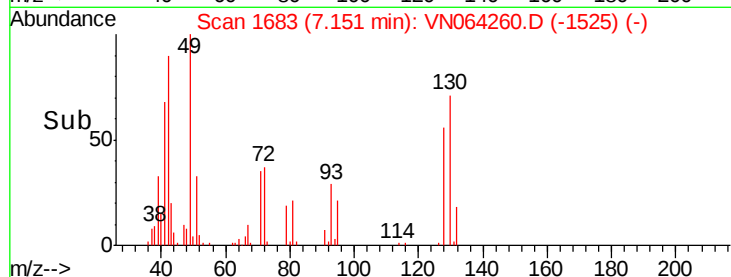
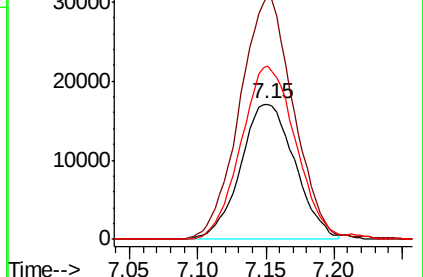
130 128.7 0.0 322.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.190 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064260.D

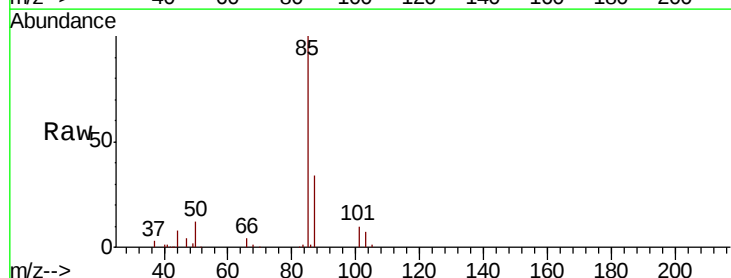
Acq: 22 Oct 2020 19:17

Tgt Ion: 85 Resp: 65531

Ion Ratio Lower Upper

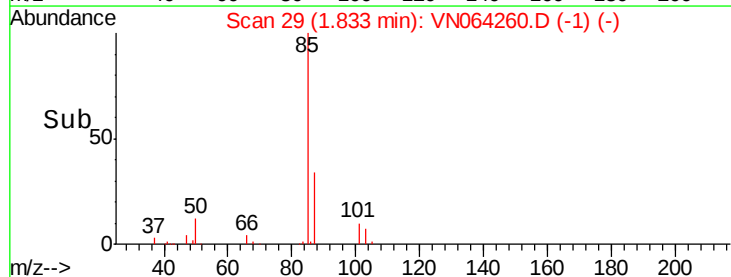
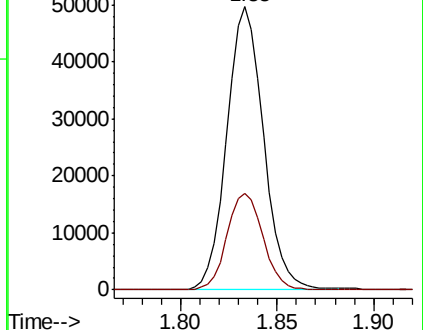
85 100

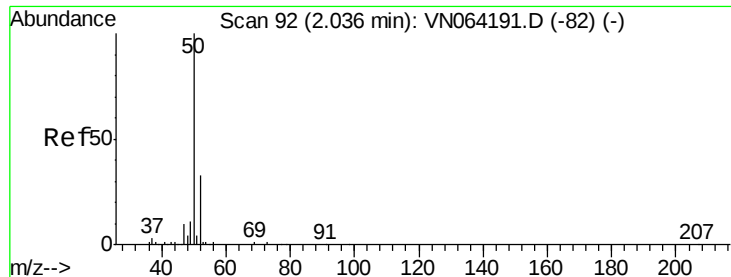
87 33.9 17.8 53.3



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.323 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampled :

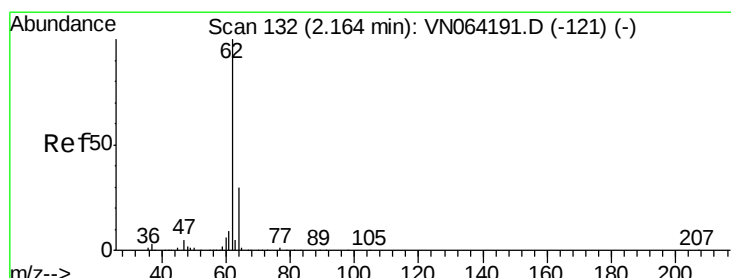
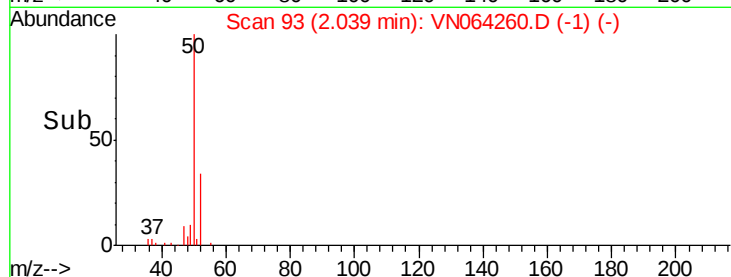
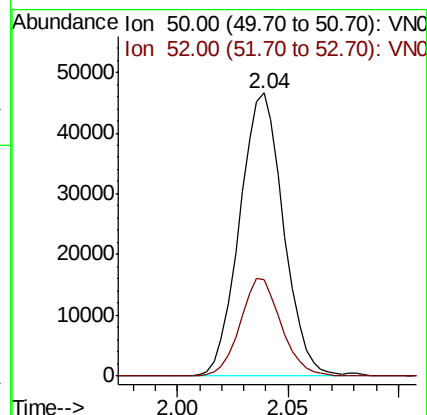
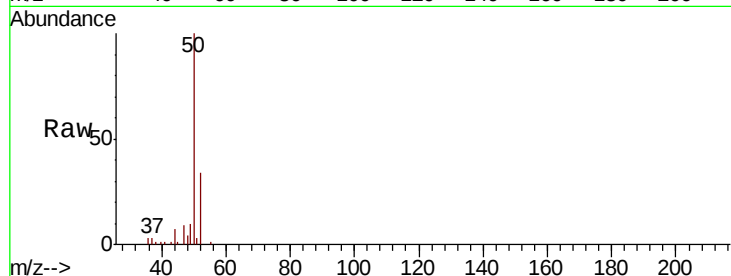
VN1022WBS01

Tot Ion: 50 Resp: 64270

Ion Ratio Lower Upper

50 100

52 34.2 26.6 40.0



#4

Vinyl Chloride

Concen: 19.585 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064260.D

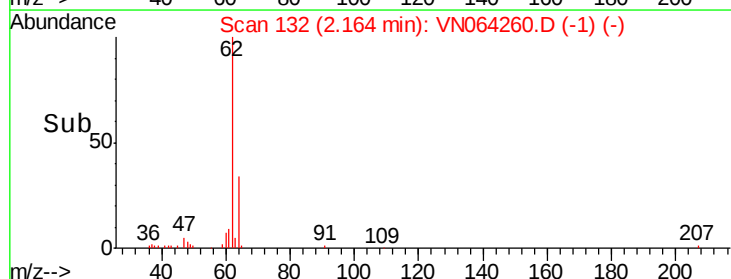
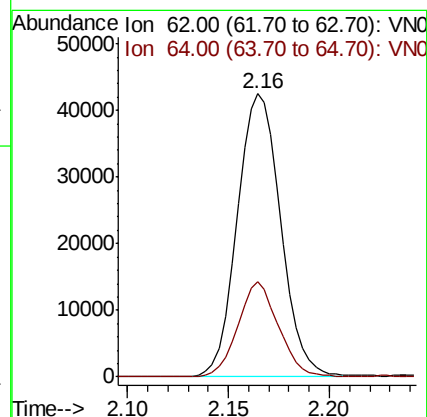
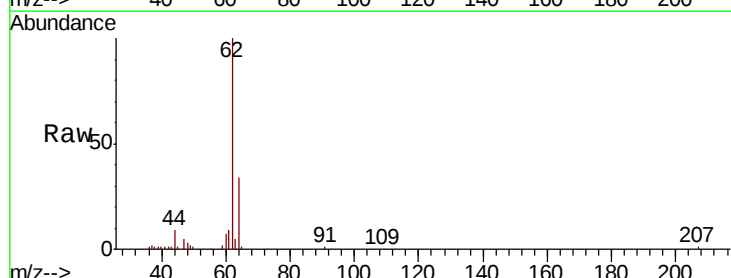
Acq: 22 Oct 2020 19:17

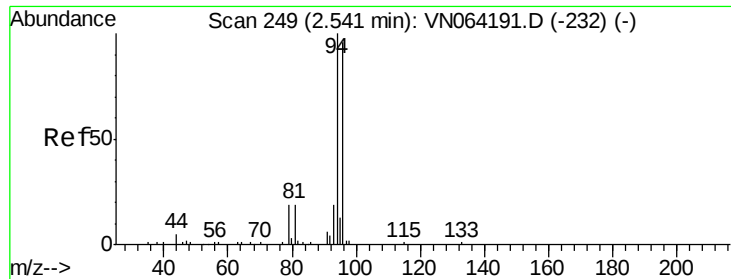
Tgt Ion: 62 Resp: 64089

Ion Ratio Lower Upper

62 100

64 33.7 24.4 36.6





#5

Bromomethane

Concen: 20.321 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

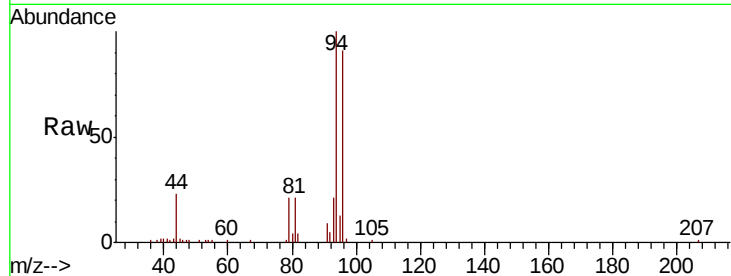
VN1022WBS01

Tot Ion: 94 Resp: 39782

Ion Ratio Lower Upper

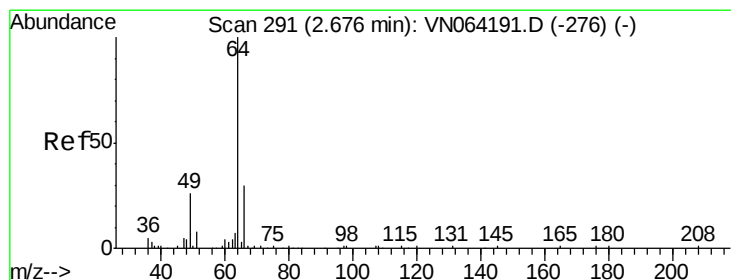
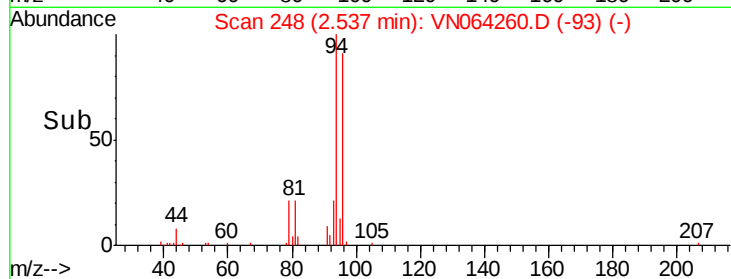
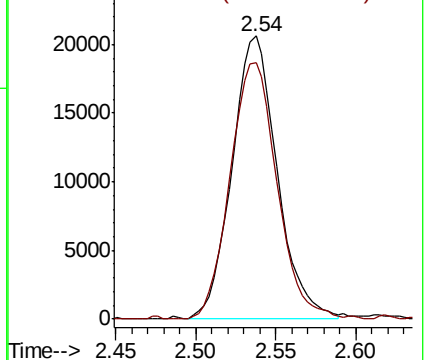
94 100

96 90.6 76.6 115.0



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 20.332 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064260.D

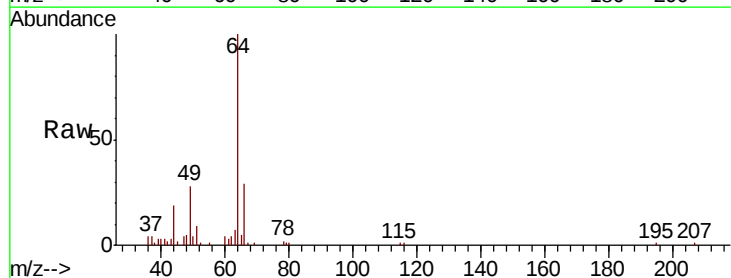
Acq: 22 Oct 2020 19:17

Tgt Ion: 64 Resp: 38750

Ion Ratio Lower Upper

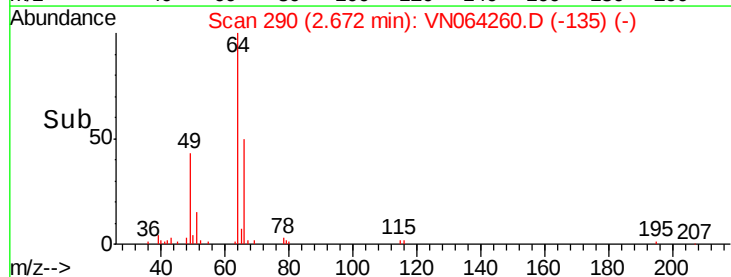
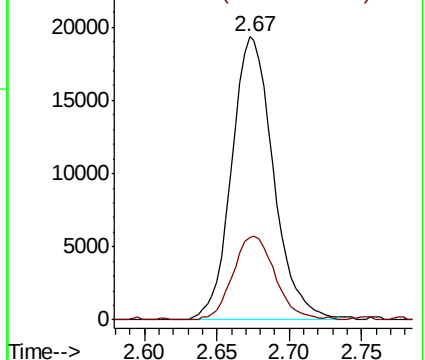
64 100

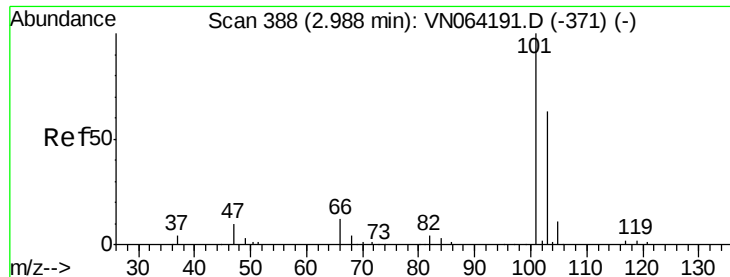
66 29.3 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



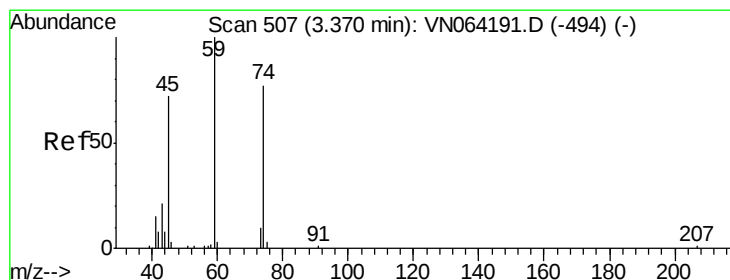
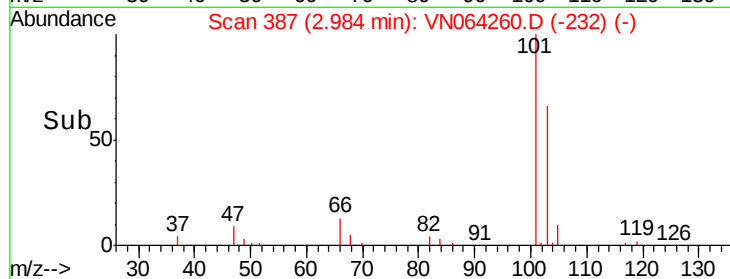
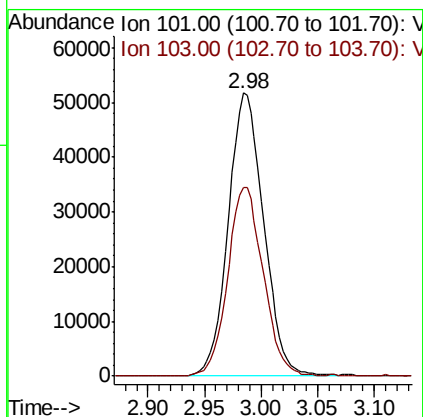
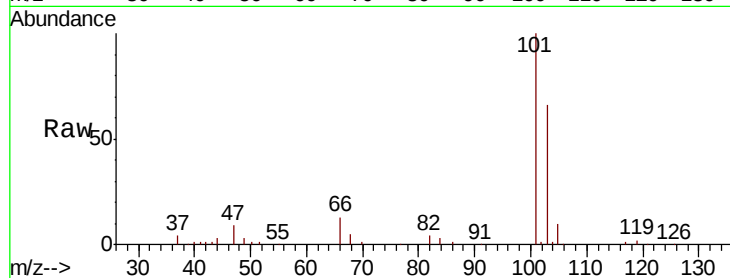


#7

Trichlorofluoromethane
 Concen: 21.506 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

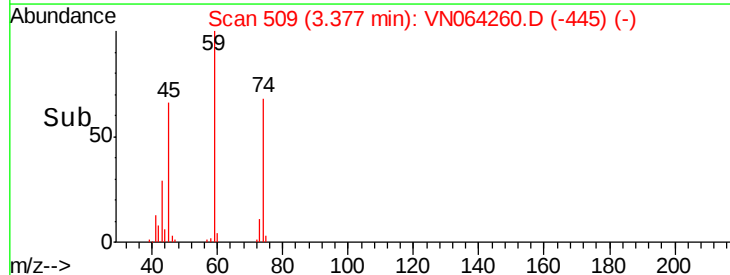
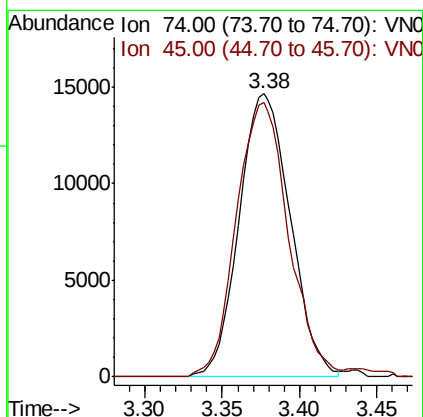
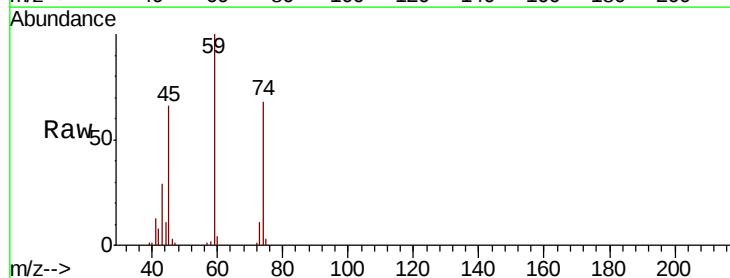
Tot Ion:101 Resp: 112973
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.7 76.1

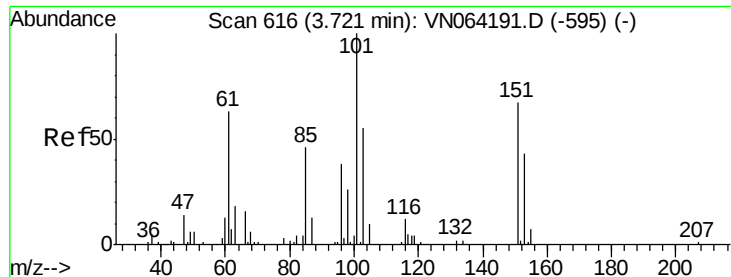


#8

Diethyl Ether
 Concen: 18.855 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Tgt Ion: 74 Resp: 33627
 Ion Ratio Lower Upper
 74 100
 45 98.8 19.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.089 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

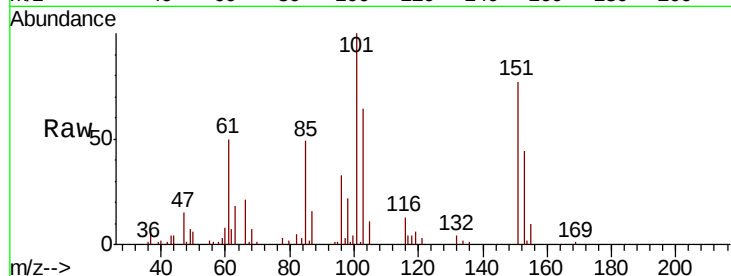
Tot Ion:101 Resp: 52923

Ion Ratio Lower Upper

101 100

85 48.0 0.0 94.0

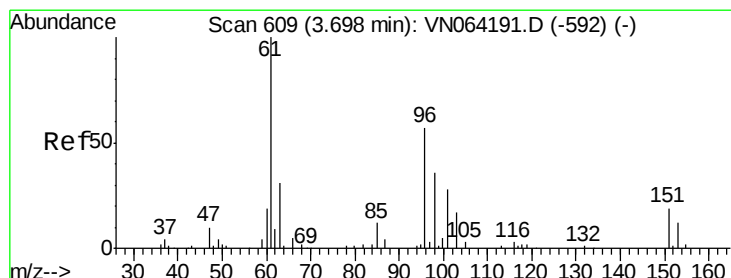
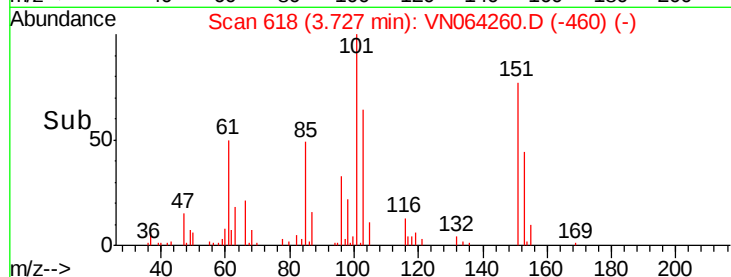
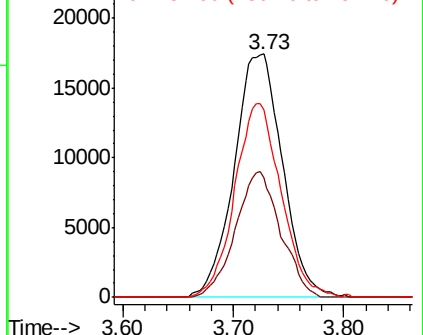
151 76.5 0.0 146.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.821 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

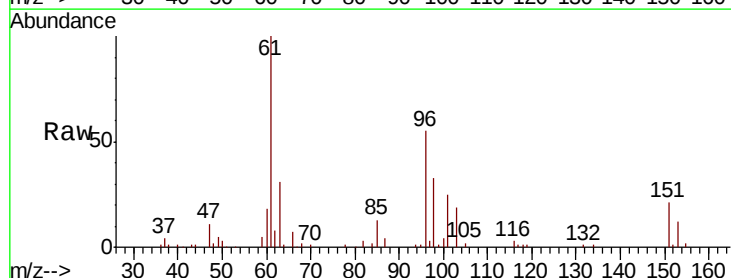
Tgt Ion: 96 Resp: 50804

Ion Ratio Lower Upper

96 100

61 182.1 141.0 211.4

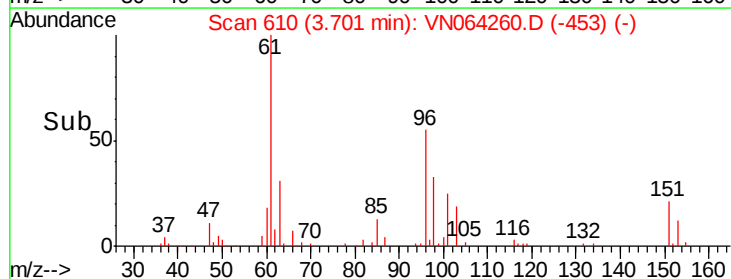
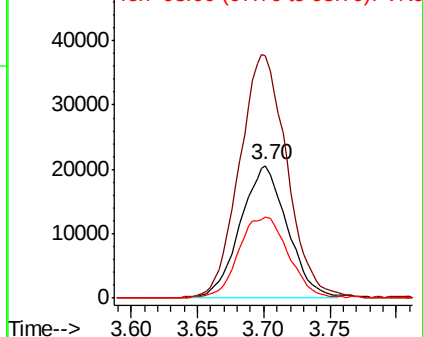
98 61.3 51.4 77.2

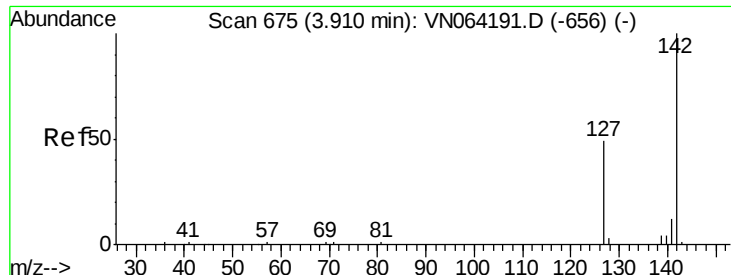


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

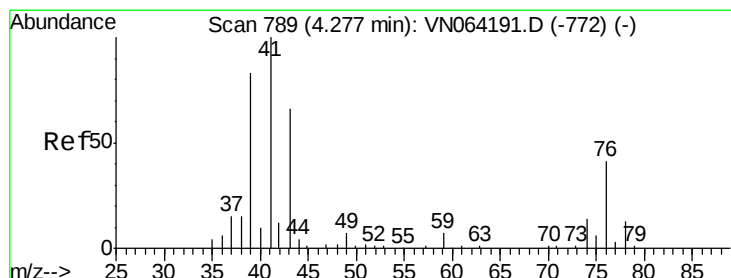
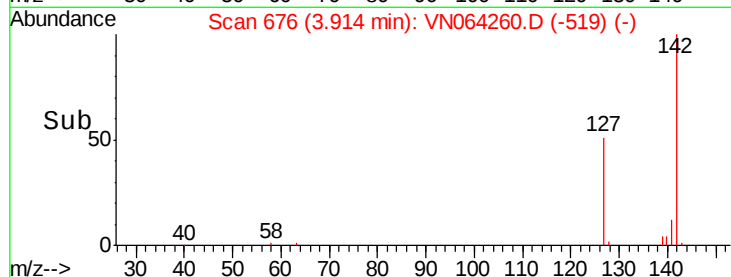
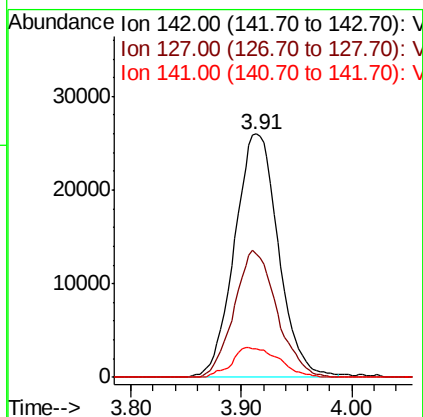
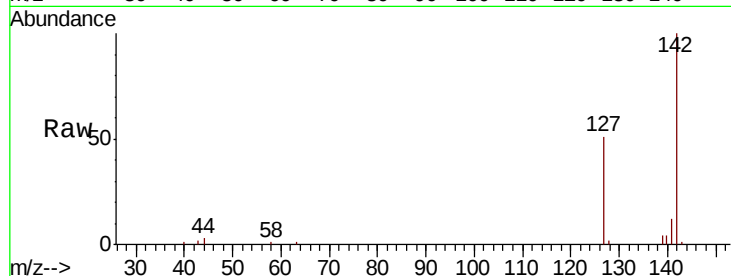




#11
Methyl Iodide
Concen: 18.408 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

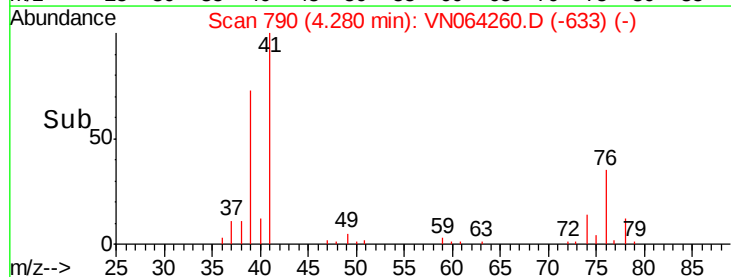
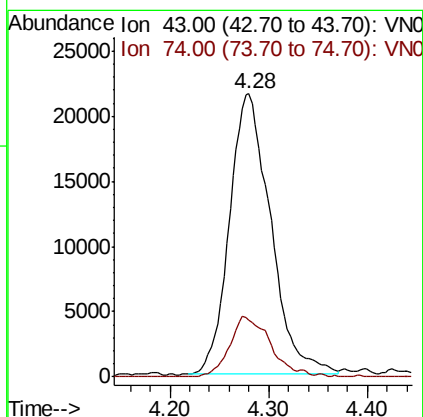
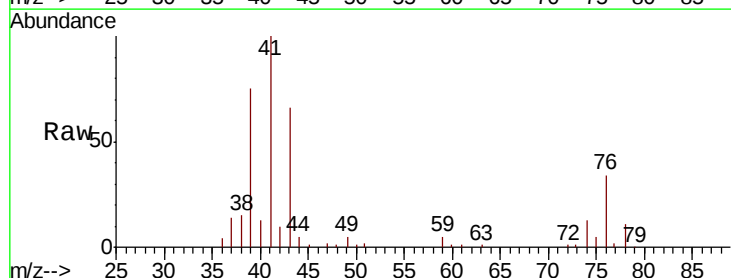
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

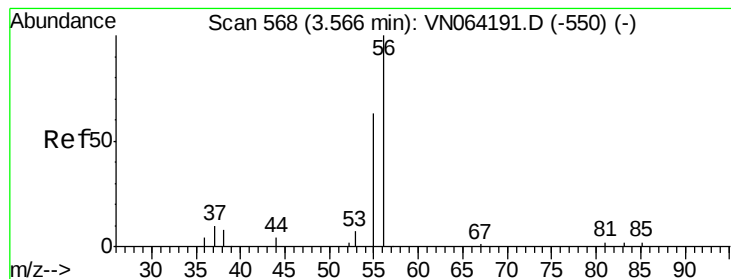
Tot Ion:142 Resp: 71621
Ion Ratio Lower Upper
142 100
127 51.1 24.5 73.5
141 11.6 6.0 18.1



#12
Methyl Acetate
Concen: 21.928 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion: 43 Resp: 62388
Ion Ratio Lower Upper
43 100
74 20.4 16.2 24.2





#13

Acrolein

Concen: 127.213 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

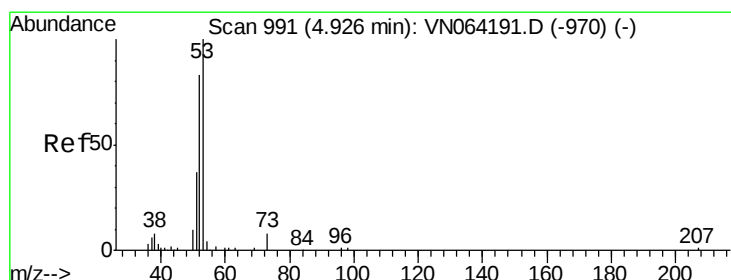
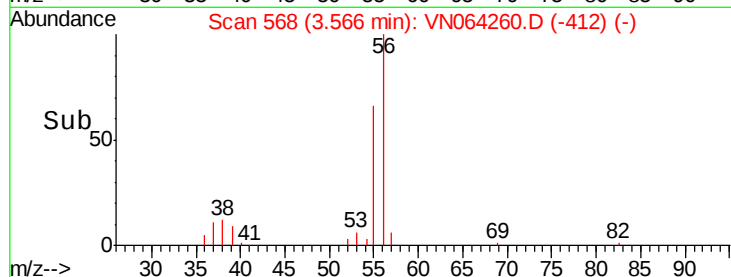
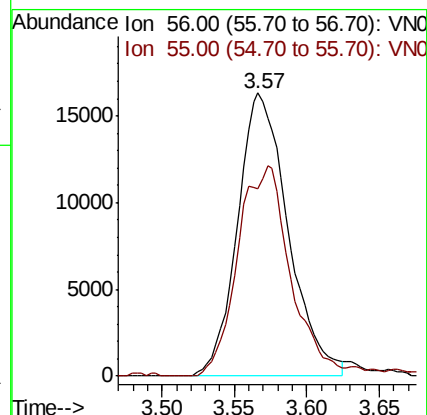
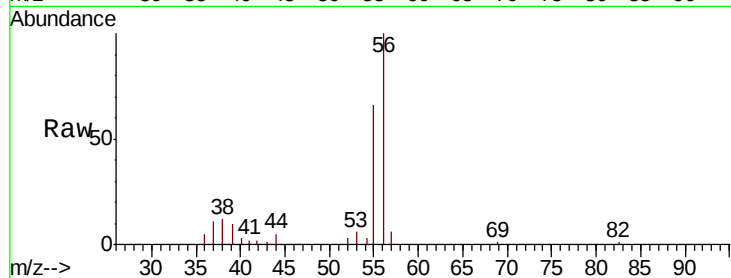
VN1022WBS01

Tot Ion: 56 Resp: 39575

Ion Ratio Lower Upper

56 100

55 33.4 0.5 0.7#



#14

Acrylonitrile

Concen: 97.768 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

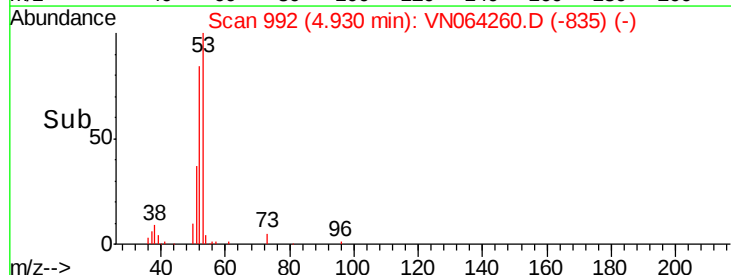
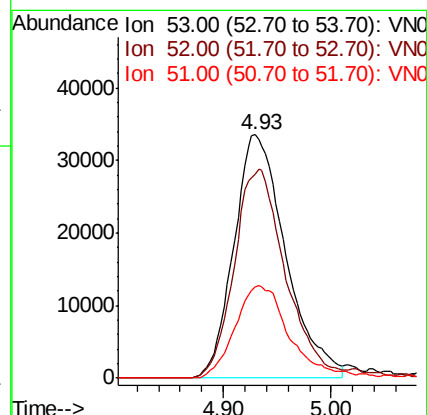
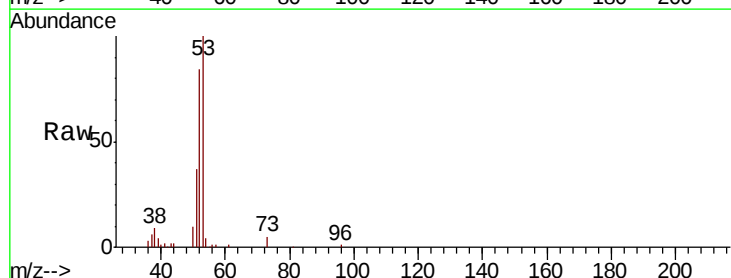
Tgt Ion: 53 Resp: 112093

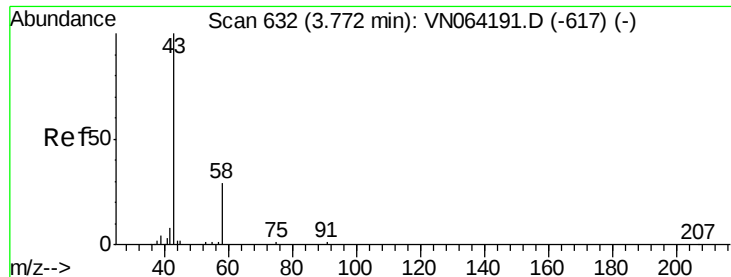
Ion Ratio Lower Upper

53 100

52 84.8 41.3 123.9

51 39.4 18.1 54.1





#15

Acetone

Concen: 55.728 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampled :

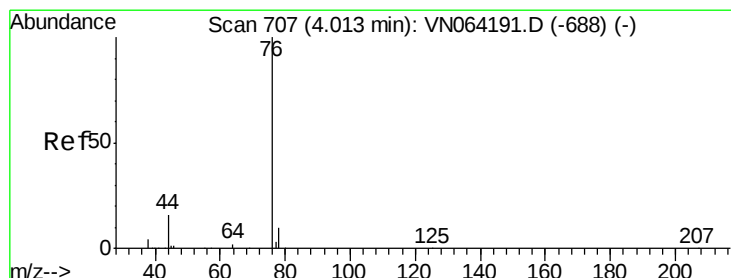
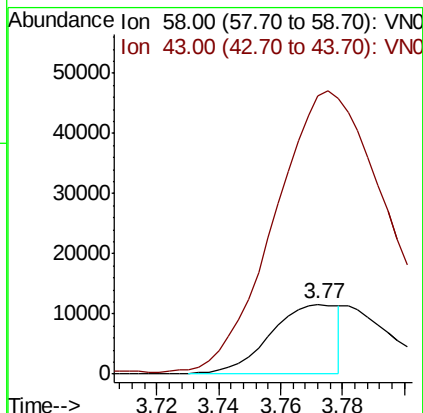
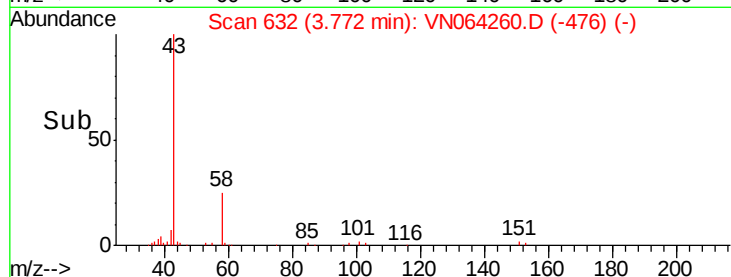
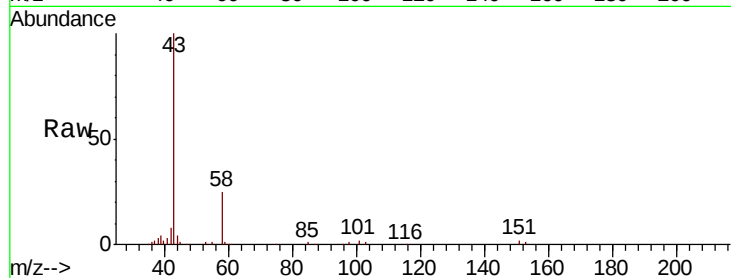
VN1022WBS01

Tot Ion: 58 Resp: 17251

Ion Ratio Lower Upper

58 100

43 396.7 272.1 408.1



#16

Carbon Disulfide

Concen: 18.044 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064260.D

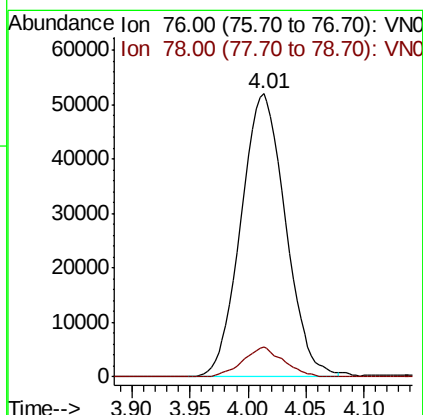
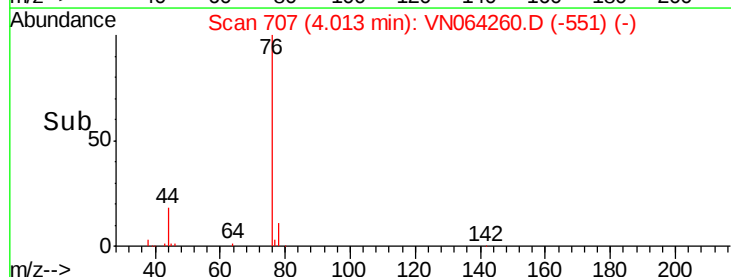
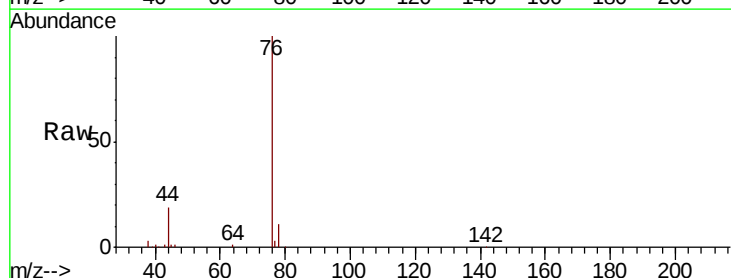
Acq: 22 Oct 2020 19:17

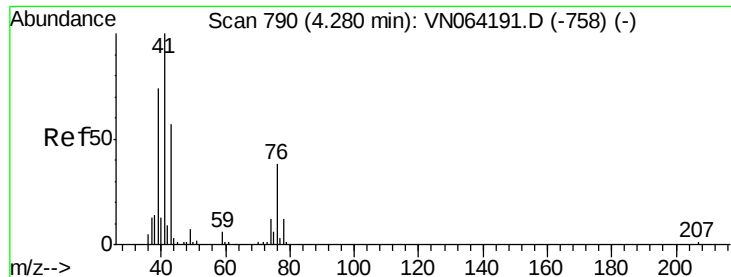
Tgt Ion: 76 Resp: 139293

Ion Ratio Lower Upper

76 100

78 10.8 7.7 11.5

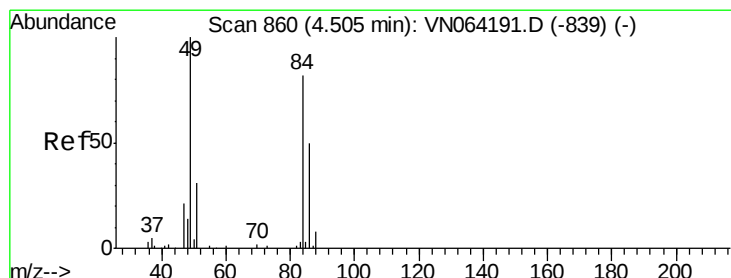
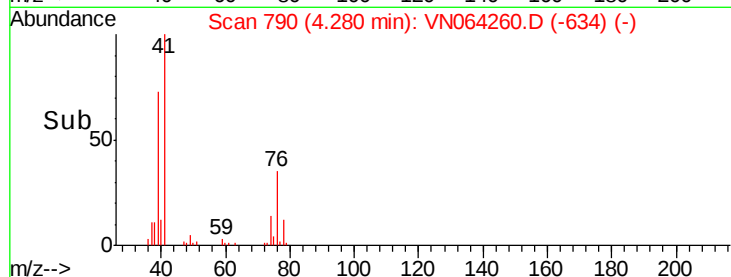
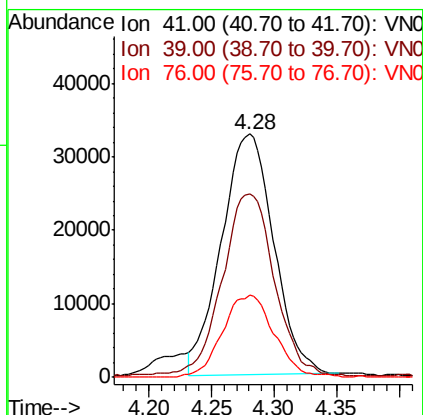
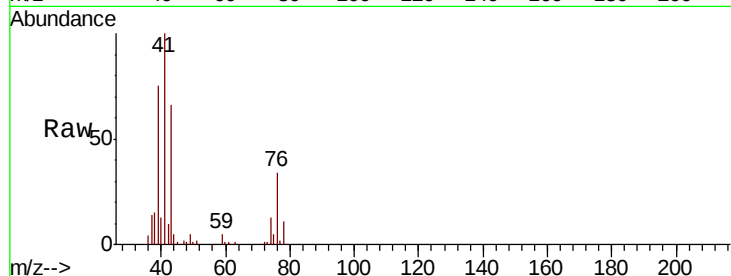




#17
Allvl chloride
Concen: 18.910 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

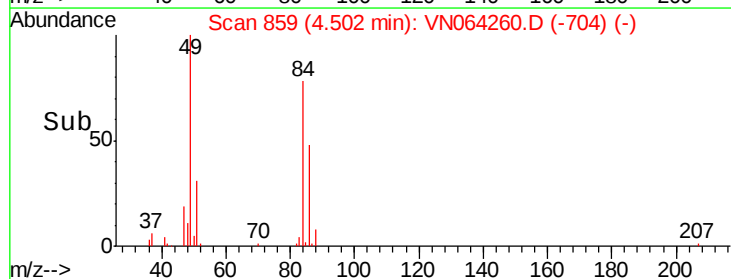
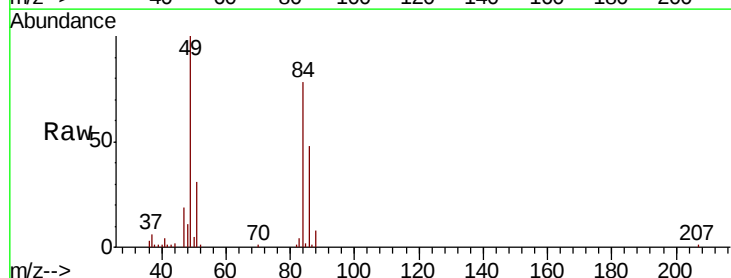
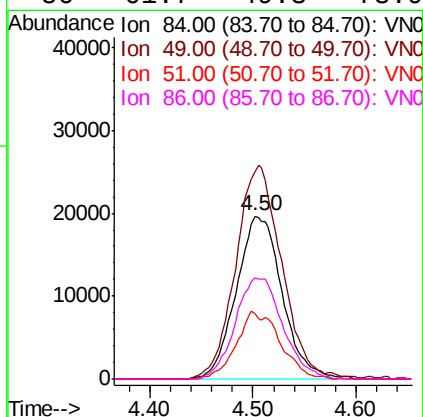
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

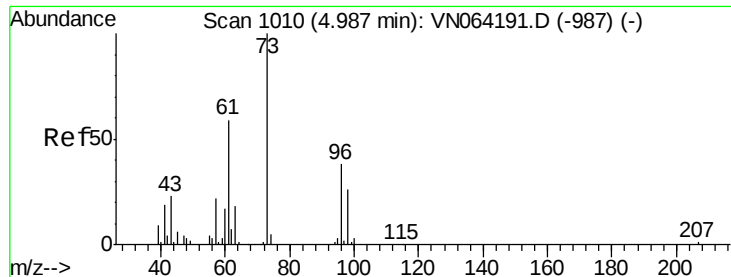
Tot Ion	Ratio	Lower	Upper
41	100		
39	75.2	36.8	110.4
76	33.7	18.8	56.4



#18
Methylene Chloride
Concen: 19.641 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.4	97.6	146.4
51	40.1	31.1	46.7
86	61.7	49.3	73.9





#19

trans-1,2-Dichloroethene

Concen: 18.691 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampled :

VN1022WBS01

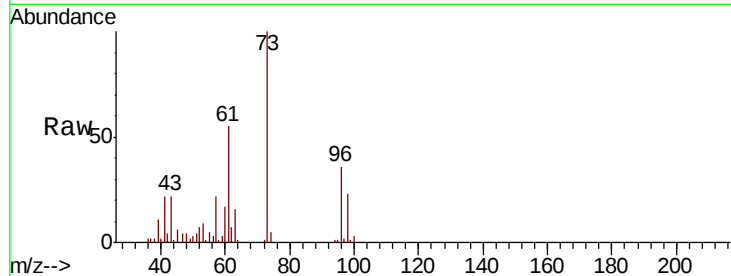
Tot Ion: 96 Resp: 54427

Ion Ratio Lower Upper

96 100

61 153.1 125.5 188.3

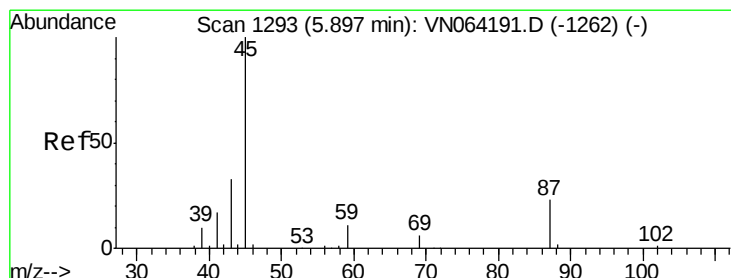
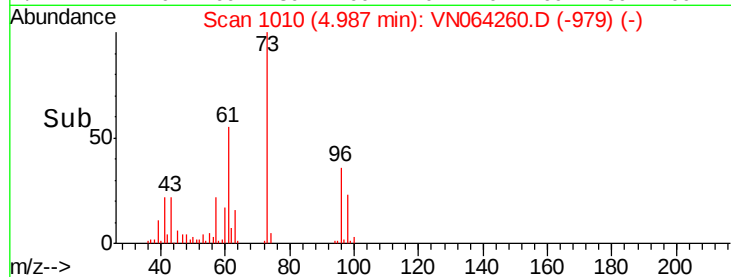
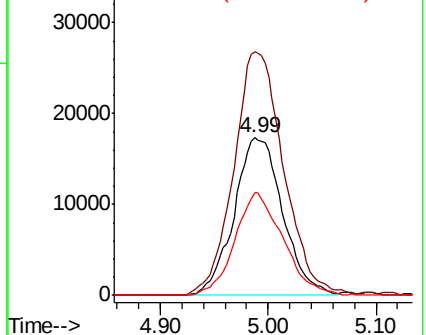
98 65.1 54.7 82.1



Abundance Ion 96.00 (95.70 to 96.70): VN064260.D (-979) (-)

Ion 61.00 (60.70 to 61.70): VN064260.D (-979) (-)

Ion 98.00 (97.70 to 98.70): VN064260.D (-979) (-)



#20

Diisopropyl ether

Concen: 19.989 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Tgt Ion: 45 Resp: 185420

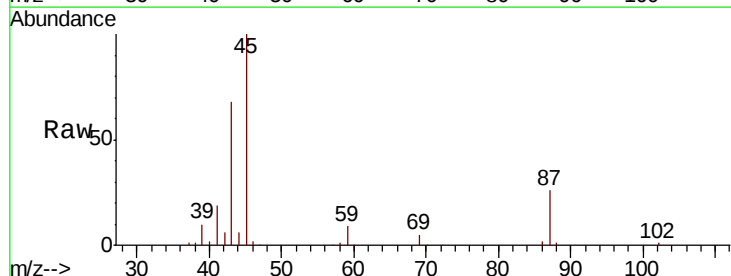
Ion Ratio Lower Upper

45 100

43 64.3 55.1 82.7

87 26.1 19.4 29.2

59 9.0 8.7 13.1

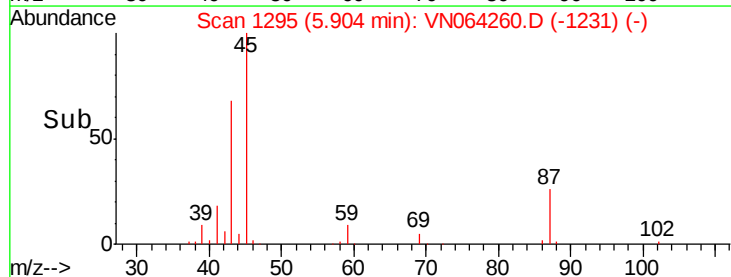
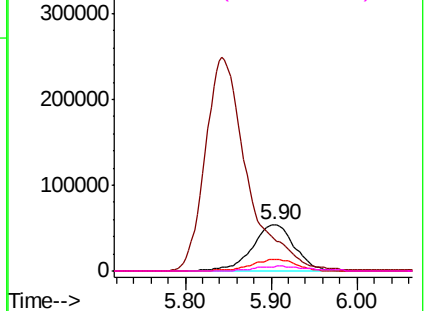


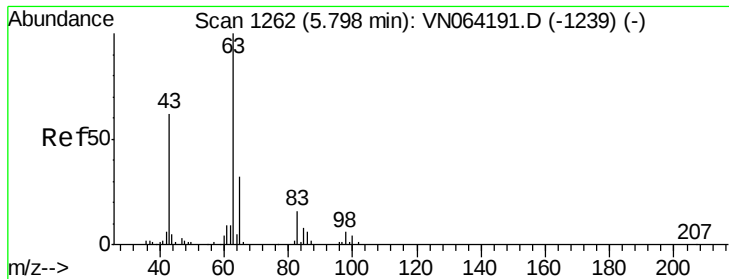
Abundance Ion 45.00 (44.70 to 45.70): VN064260.D (-1231) (-)

Ion 43.00 (42.70 to 43.70): VN064260.D (-1231) (-)

Ion 87.00 (86.70 to 87.70): VN064260.D (-1231) (-)

Ion 59.00 (58.70 to 59.70): VN064260.D (-1231) (-)

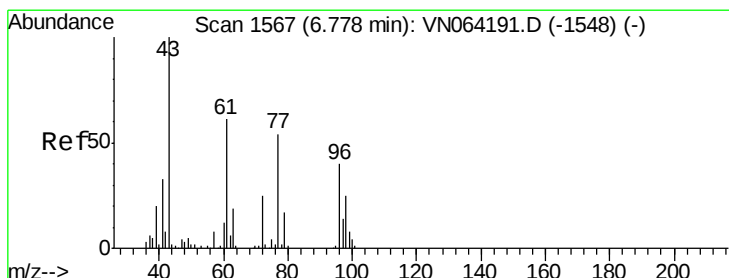
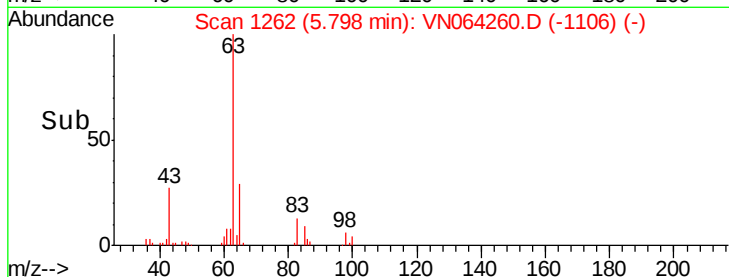
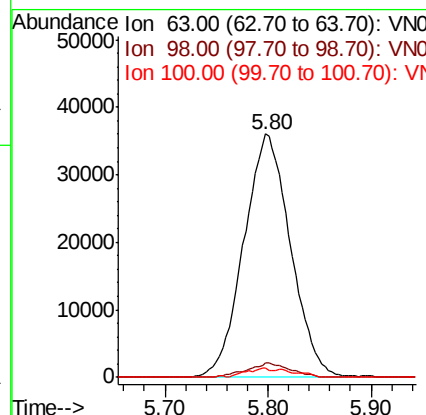
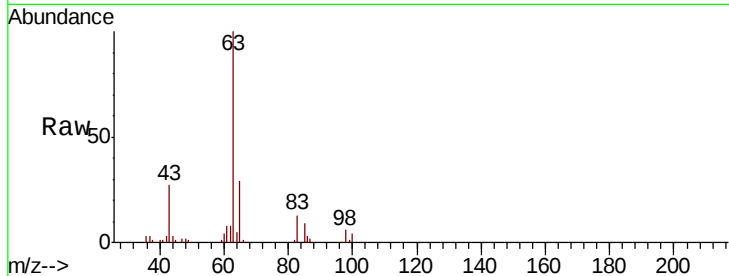




#21
 1,1-Dichloroethane
 Concen: 19.992 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

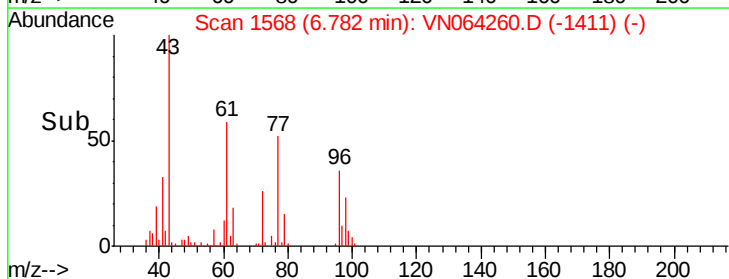
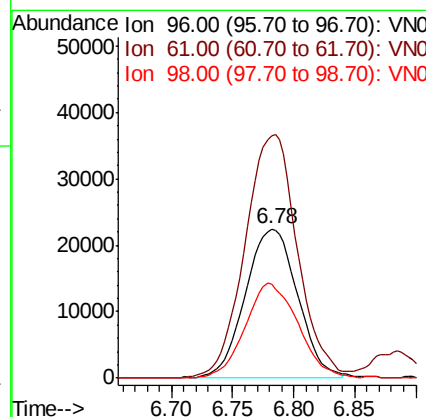
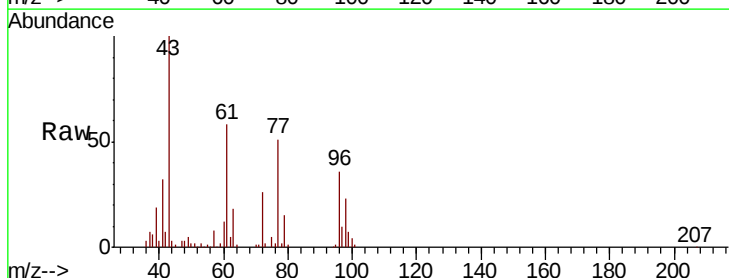
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

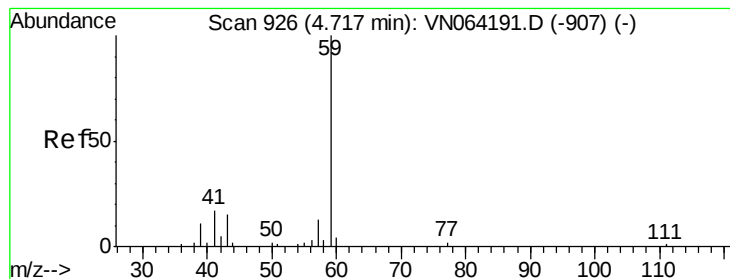
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.7
100	3.6	2.1	6.3



#22
 cis-1,2-Dichloroethene
 Concen: 19.587 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	126.2	189.4
98	64.3	50.2	75.4





#23

tert-Butyl Alcohol

Concen: 104.517 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.01 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

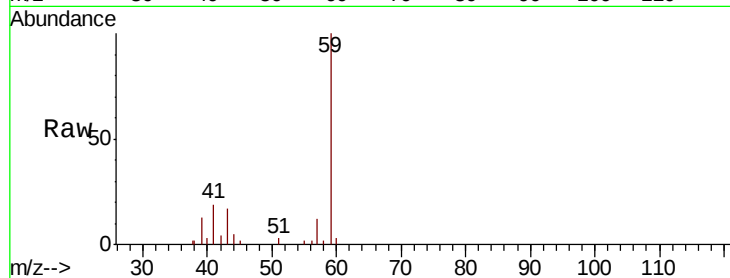
VN1022WBS01

Tot Ion: 59 Resp: 55424

Ion Ratio Lower Upper

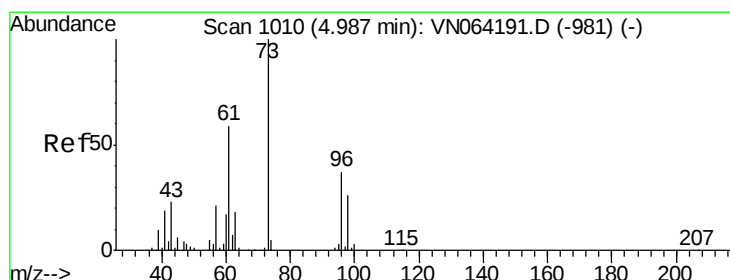
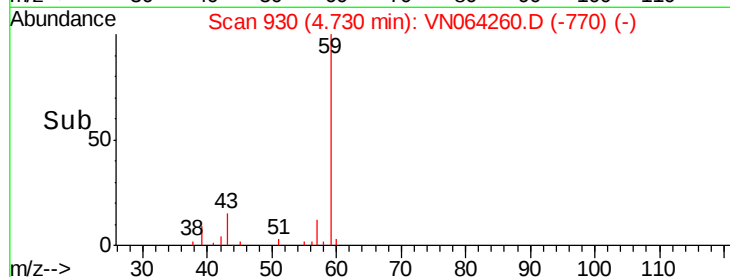
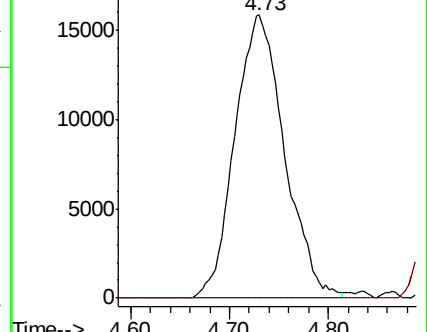
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN064191.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN064191.D (-907) (-)



#24

Methyl tert-Butyl Ether

Concen: 19.907 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064260.D

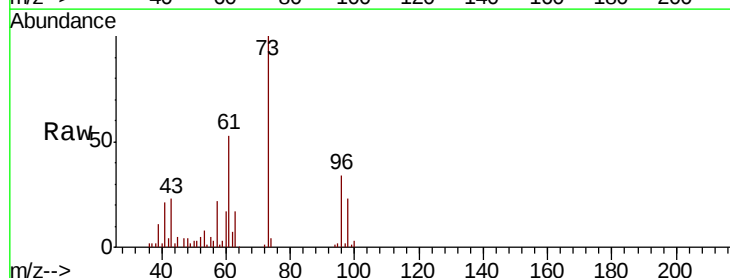
Acq: 22 Oct 2020 19:17

Tgt Ion: 73 Resp: 177569

Ion Ratio Lower Upper

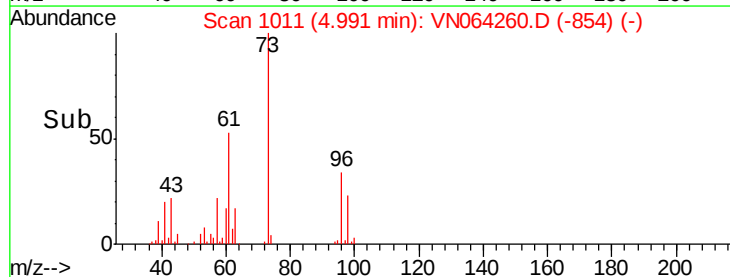
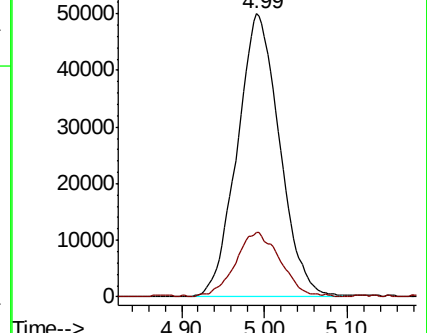
73 100

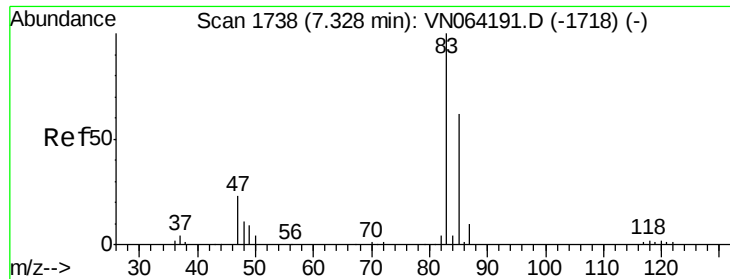
43 0.2 18.2 27.2#



Abundance Ion 73.00 (72.70 to 73.70): VN064191.D (-981) (-)

Ion 43.00 (42.70 to 43.70): VN064191.D (-981) (-)

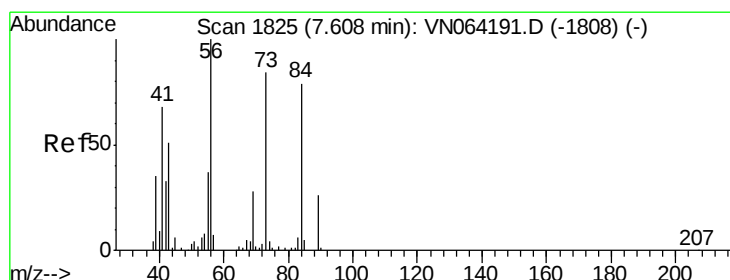
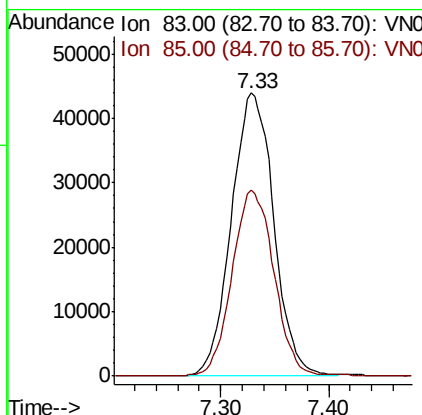
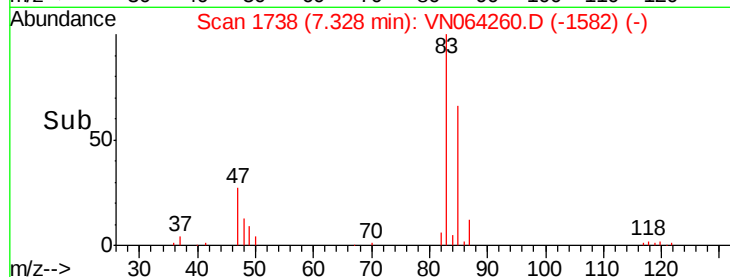
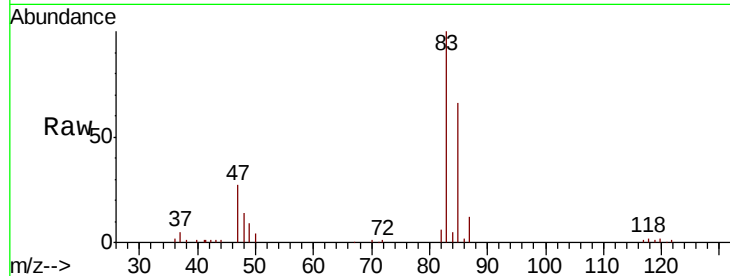




#25
Chloroform
Concen: 20.365 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

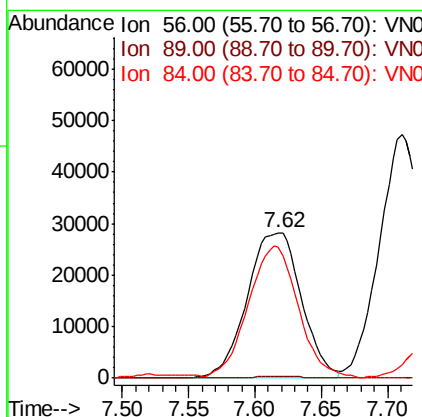
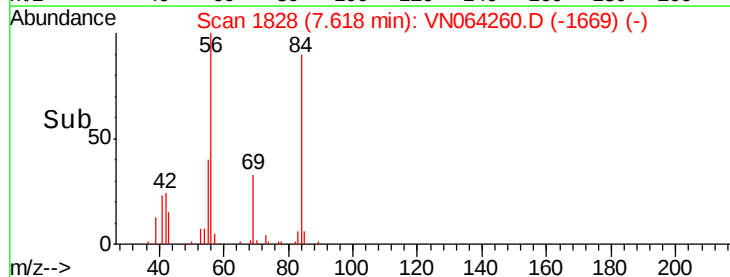
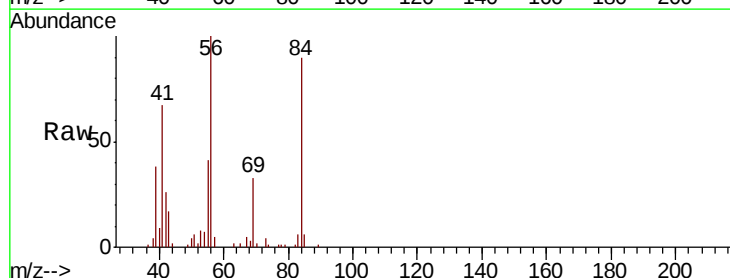
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

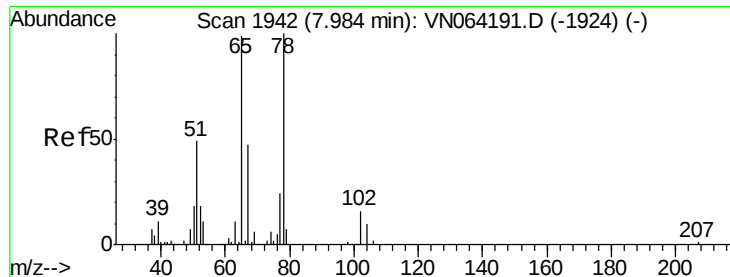
Tot Ion: 83 Resp: 119824
Ion Ratio Lower Upper
83 100
85 65.5 49.7 74.5



#26
Cyclohexane
Concen: 17.959 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion: 56 Resp: 80636
Ion Ratio Lower Upper
56 100
89 0.4 21.4 32.0#
84 84.0 65.8 98.6





#27

1,2-Dichloroethane-d4

Concen: 32.861 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

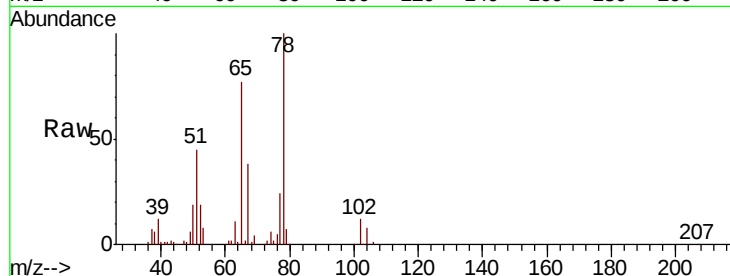
VN1022WBS01

Tot Ion: 65 Resp: 127274

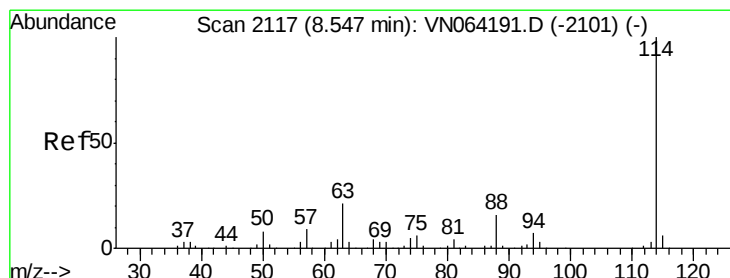
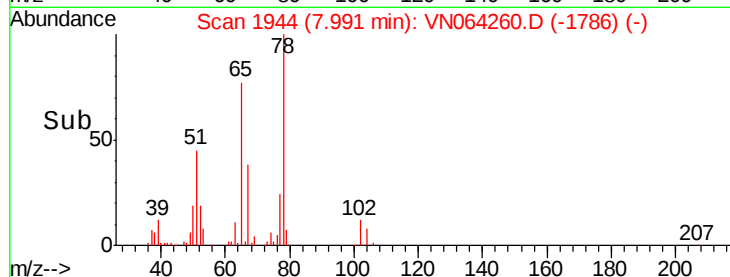
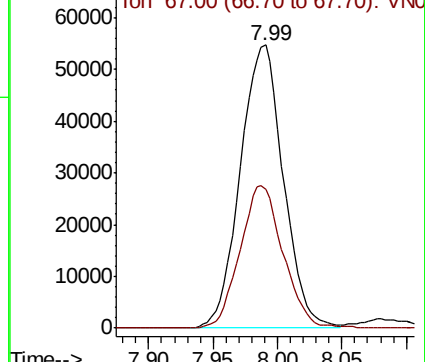
Ion Ratio Lower Upper

65 100

67 50.1 39.8 59.6



Abundance Ion 65.00 (64.70 to 65.70): VN064191.D (-1924) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

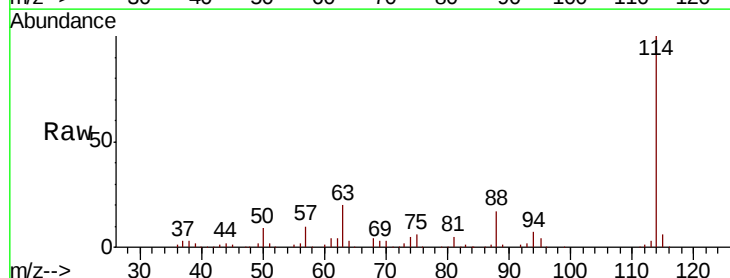
Tgt Ion: 114 Resp: 268700

Ion Ratio Lower Upper

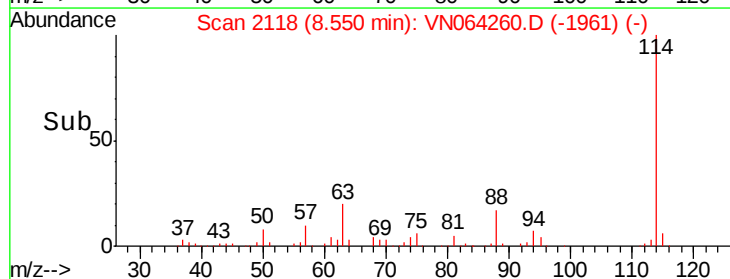
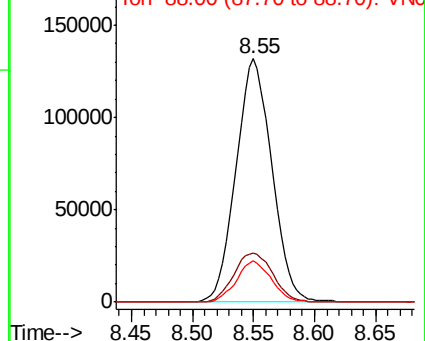
114 100

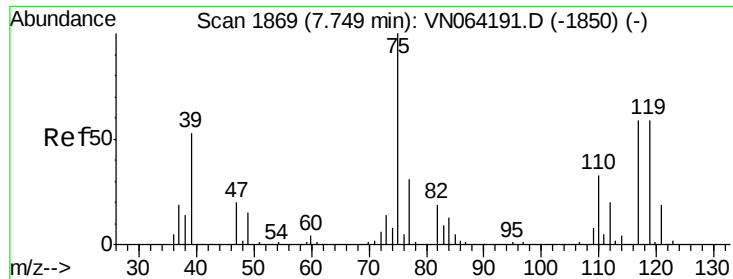
63 22.0 17.0 25.4

88 16.4 13.0 19.4



Abundance Ion 114.00 (113.70 to 114.70): VN064191.D (-2101) (-)





#29

1,1-Dichloropropene

Concen: 19.452 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

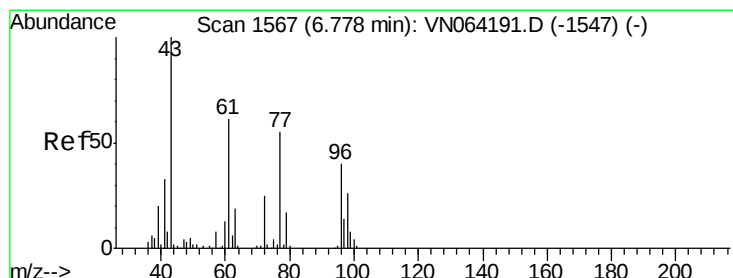
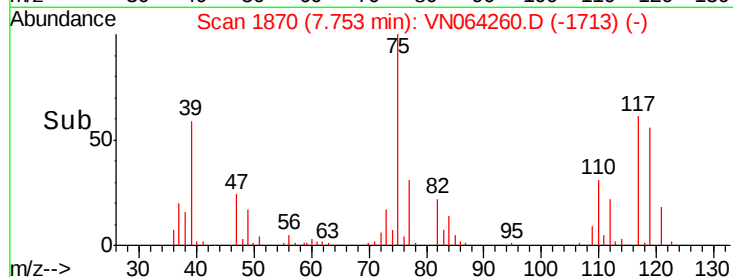
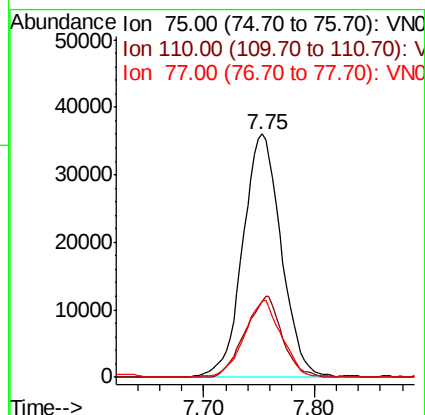
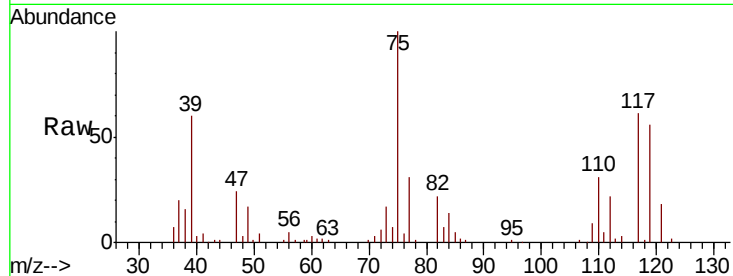
Tot Ion: 75 Resp: 86803

Ion Ratio Lower Upper

75 100

110 32.1 0.0 66.8

77 30.8 0.0 63.6



#30

2-Butanone

Concen: 103.927 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

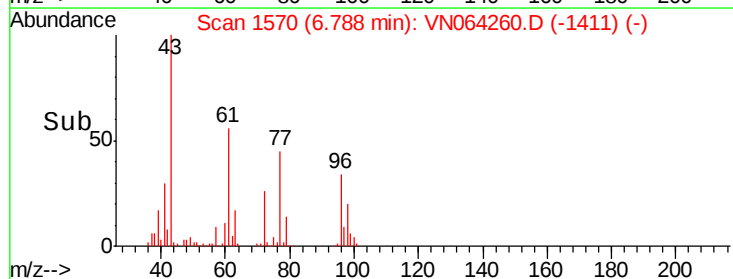
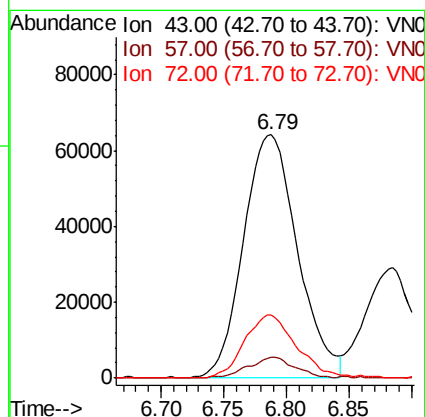
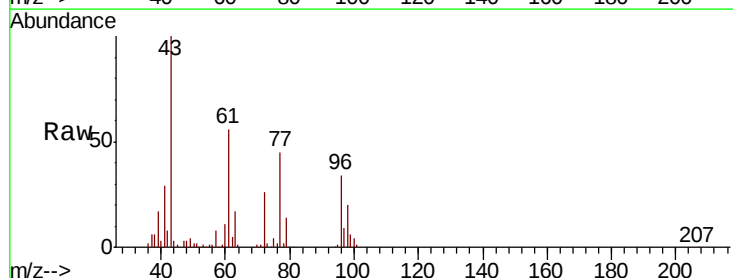
Tgt Ion: 43 Resp: 191243

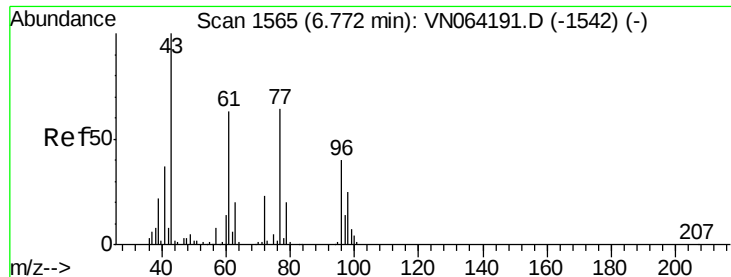
Ion Ratio Lower Upper

43 100

57 7.5 5.8 8.6

72 24.9 19.8 29.8

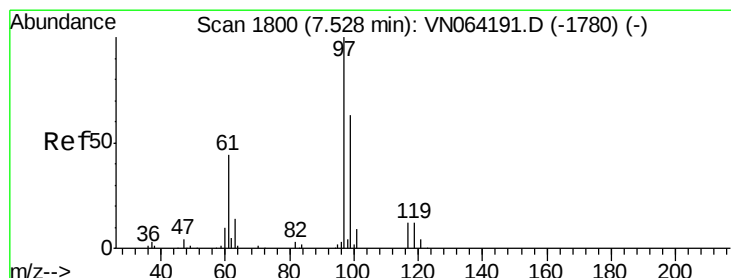
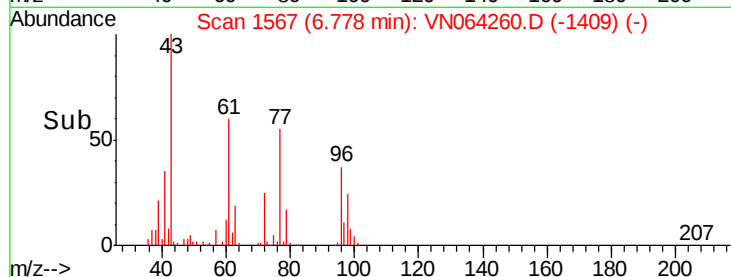
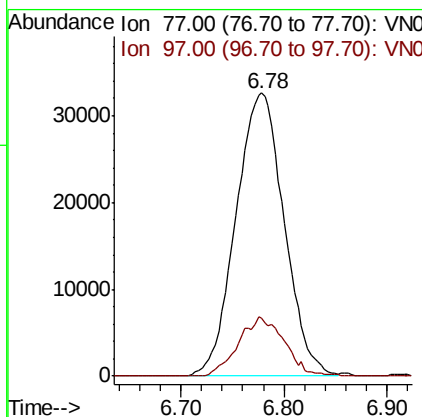
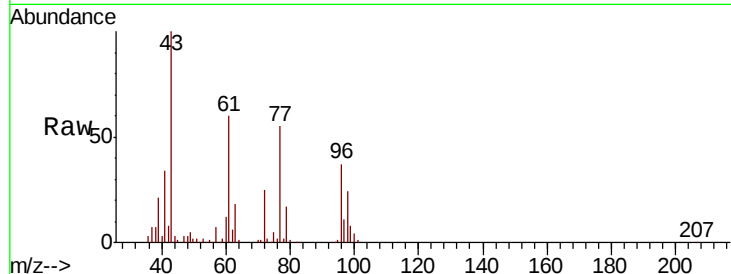




#31
 2,2-Dichloropropane
 Concen: 18.718 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

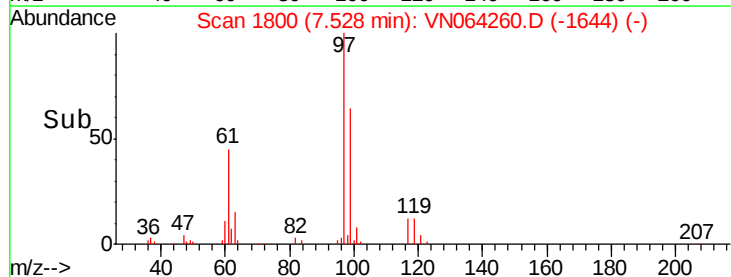
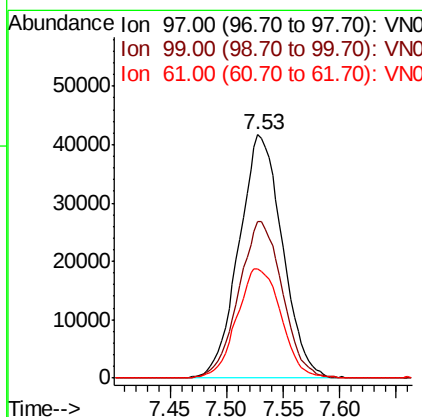
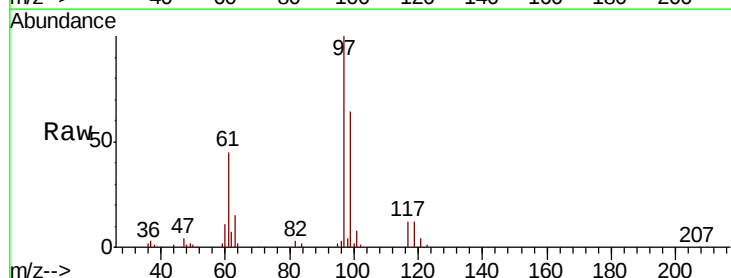
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

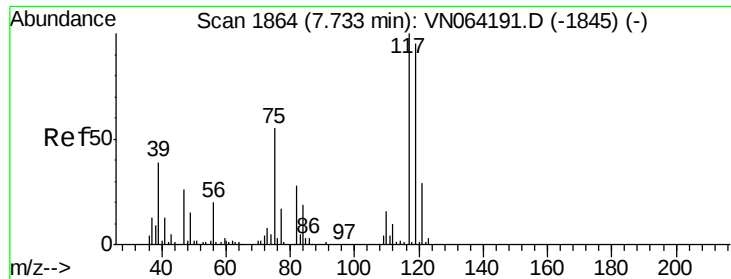
Tot Ion: 77 Resp: 106040
 Ion Ratio Lower Upper
 77 100
 97 12.6 17.3 25.9#



#32
 1,1,1-Trichloroethane
 Concen: 19.591 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Tgt Ion: 97 Resp: 111385
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.3 76.9
 61 45.7 34.8 52.2

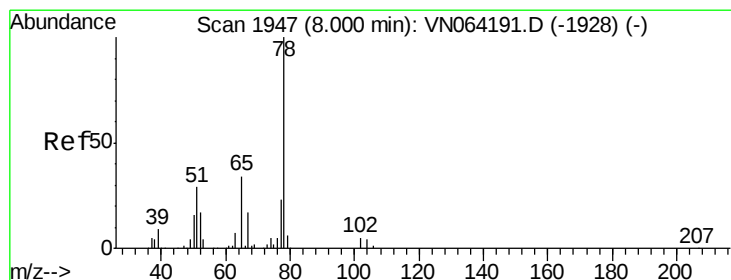
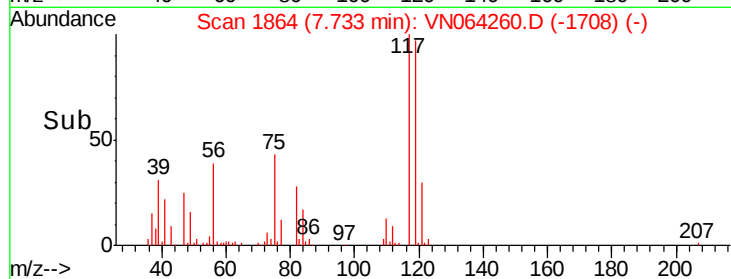
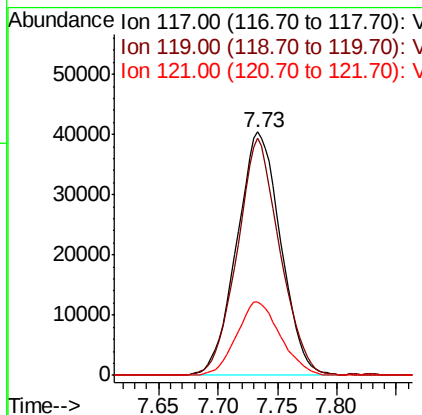
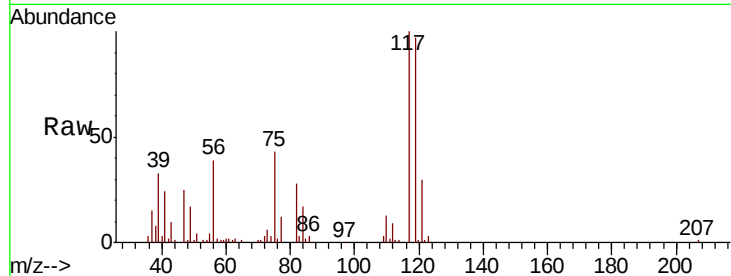




#33
Carbon Tetrachloride
Concen: 19.897 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

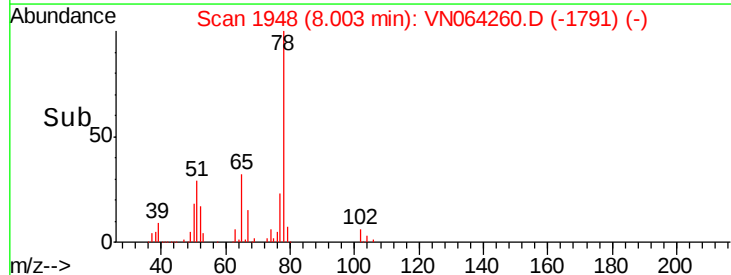
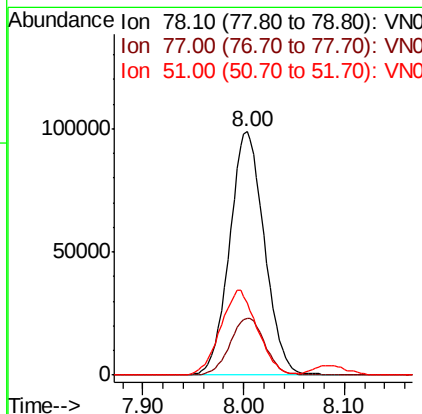
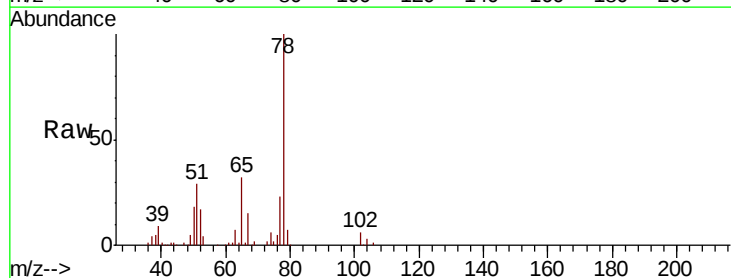
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

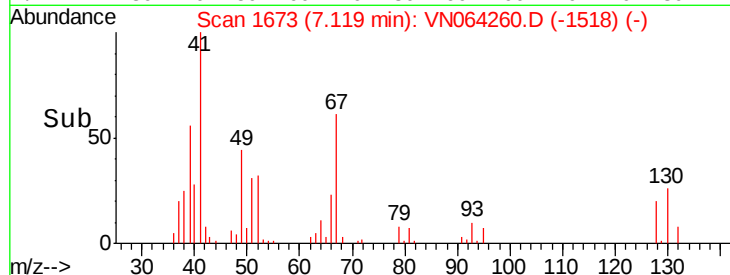
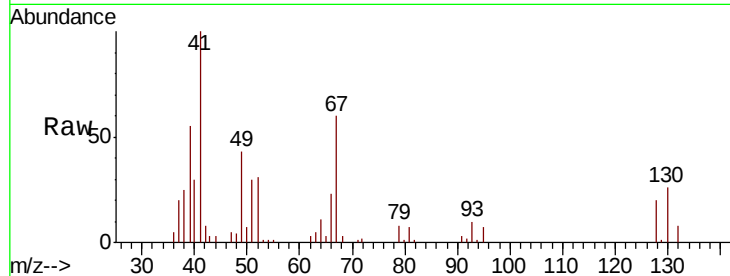
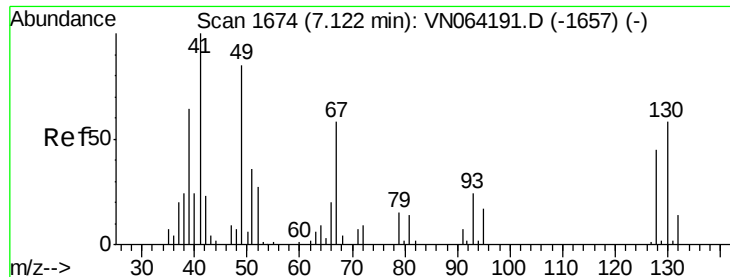
Tot Ion:117 Resp: 103132
Ion Ratio Lower Upper
117 100
119 97.4 76.0 114.0
121 30.2 23.0 34.6



#34
Benzene
Concen: 19.054 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion: 78 Resp: 236765
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6
51 29.1 23.0 34.6

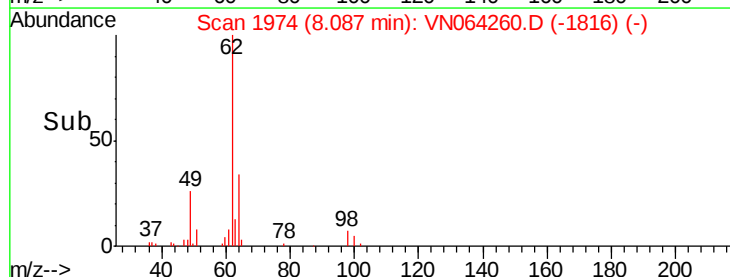
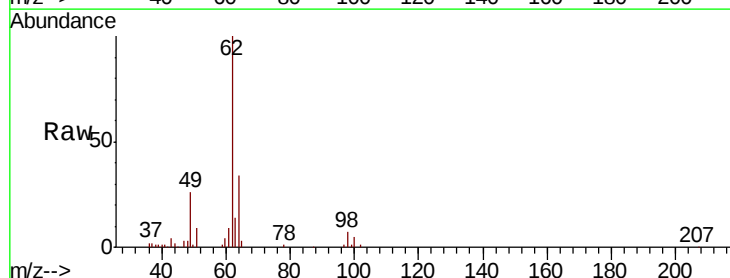
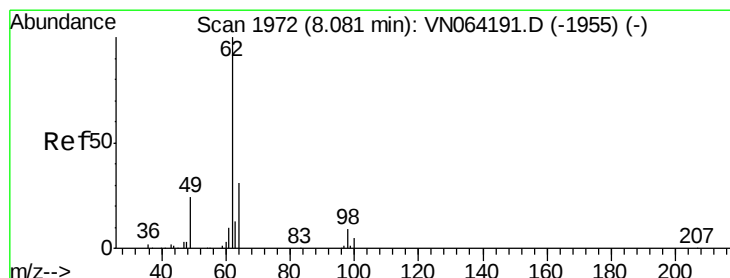
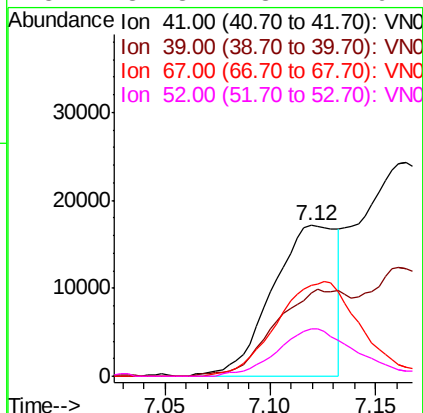




#35
Methacrylonitrile
Concen: 18.058 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

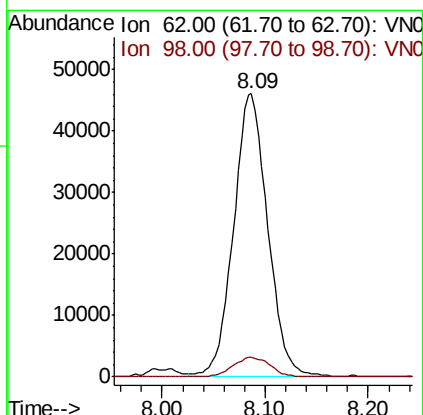
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

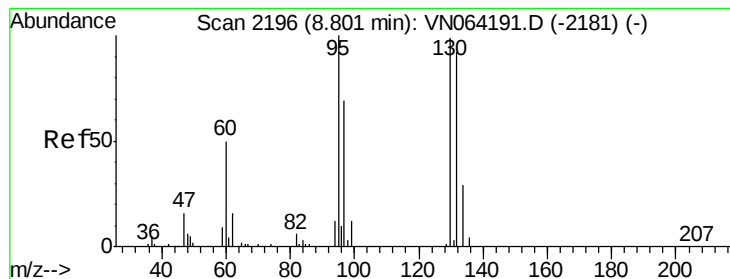
Tot Ion:	41	Resp:	36449
Ion	Ratio	Lower	Upper
41	100		
39	55.0	32.1	96.3
67	60.1	28.9	86.8
52	31.3	13.4	40.2



#36
1,2-Dichloroethane
Concen: 21.145 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion:	62	Resp:	106270
Ion	Ratio	Lower	Upper
62	100		
98	7.4	6.3	9.5





#37

Trichloroethene

Concen: 19.548 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

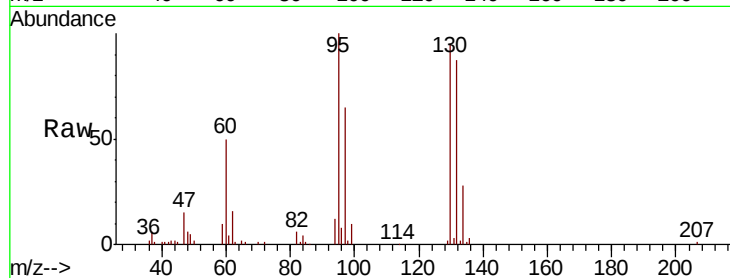
VN1022WBS01

Tot Ion:130 Resp: 66880

Ion Ratio Lower Upper

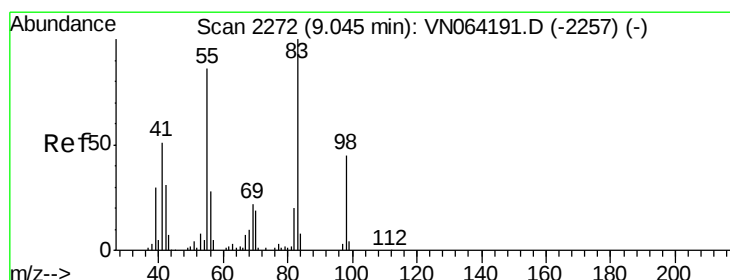
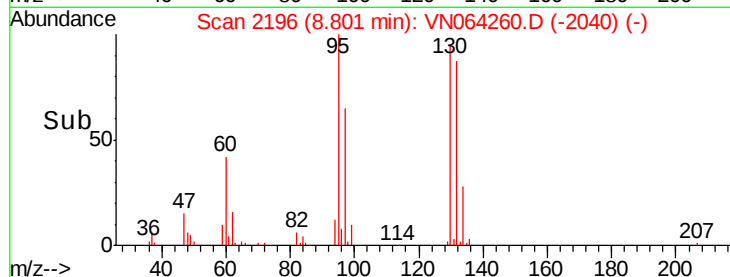
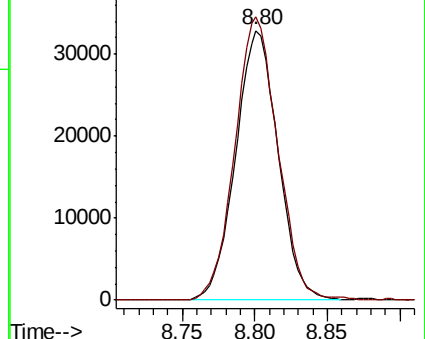
130 100

95 105.0 81.0 121.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 17.505 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

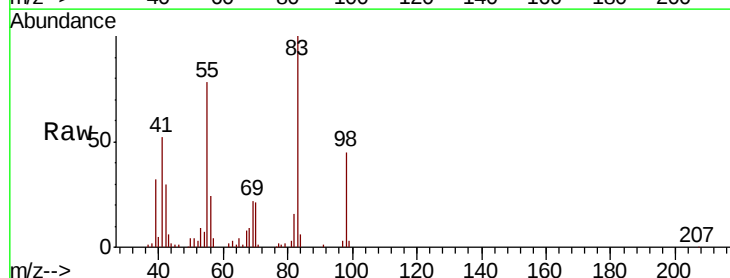
Tgt Ion: 83 Resp: 74709

Ion Ratio Lower Upper

83 100

55 83.1 40.3 120.9

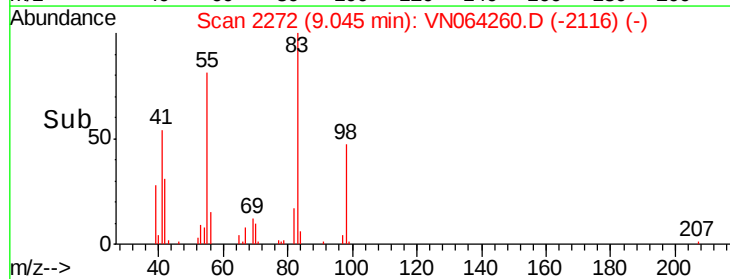
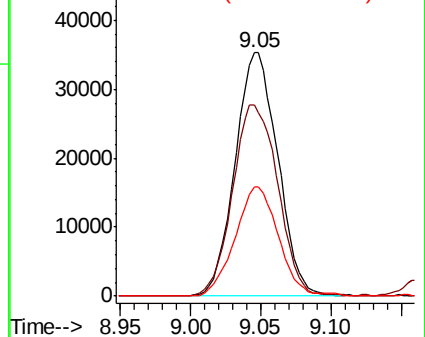
98 45.1 22.4 67.0

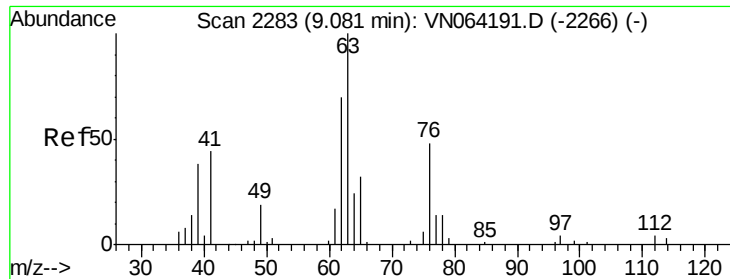


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

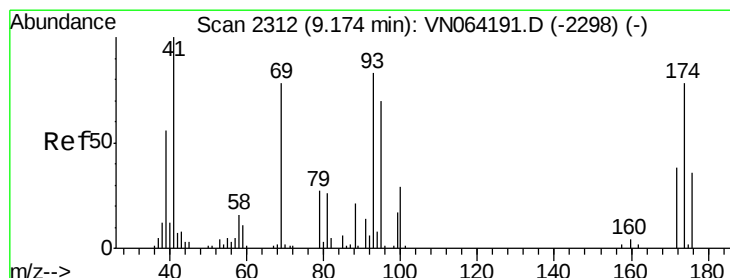
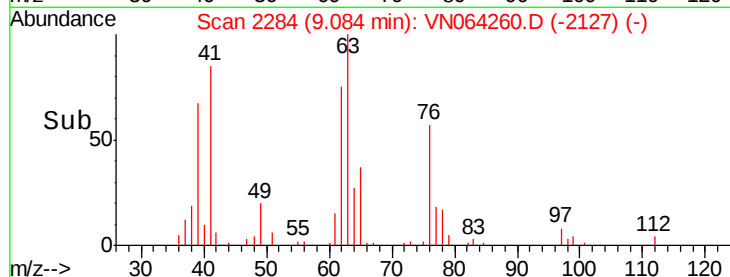
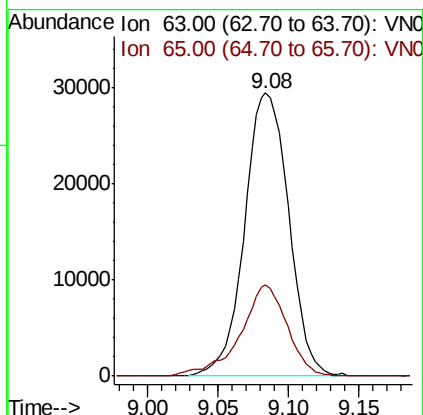
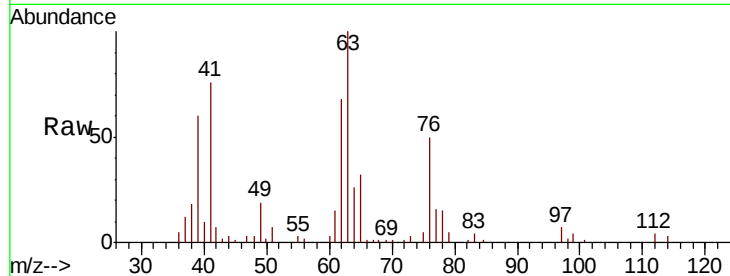




#39
 1,2-Dichloropropane
 Concen: 19.453 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

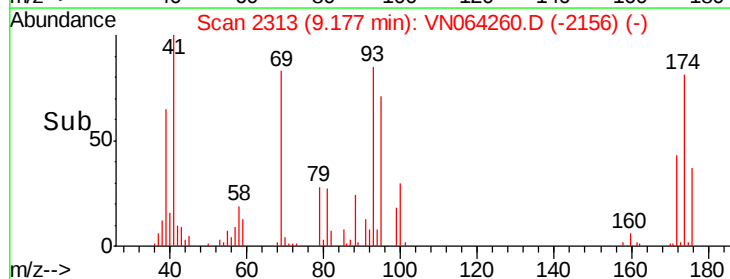
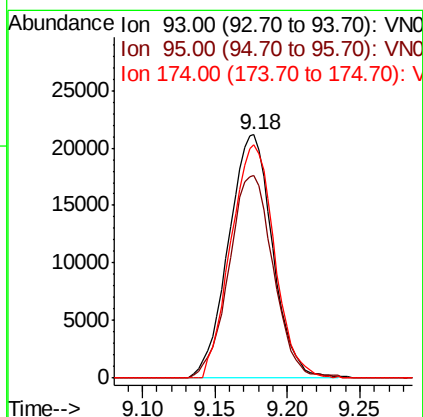
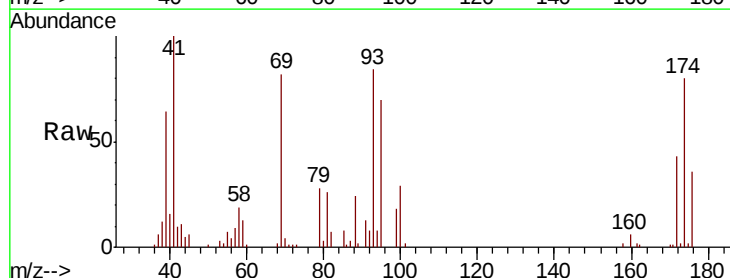
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

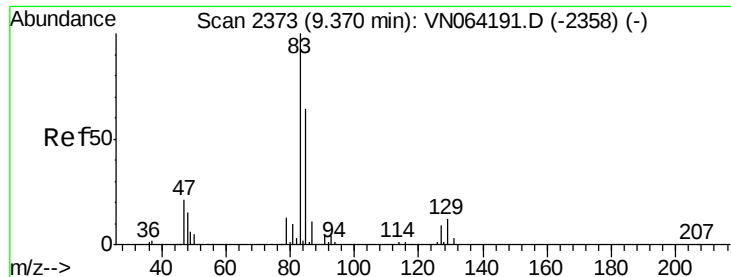
Tot Ion: 63 Resp: 64508
 Ion Ratio Lower Upper
 63 100
 65 32.4 26.5 39.7



#40
 Dibromomethane
 Concen: 19.380 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Tgt Ion: 93 Resp: 44715
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 169.2
 174 94.6 0.0 187.4





#41

Bromodichloromethane

Concen: 19.656 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

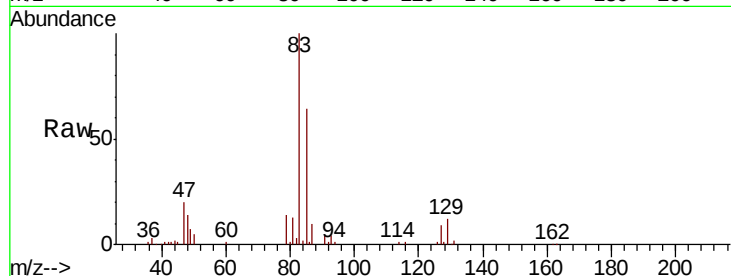
Tot Ion: 83 Resp: 98151

Ion Ratio Lower Upper

83 100

85 63.6 51.5 77.3

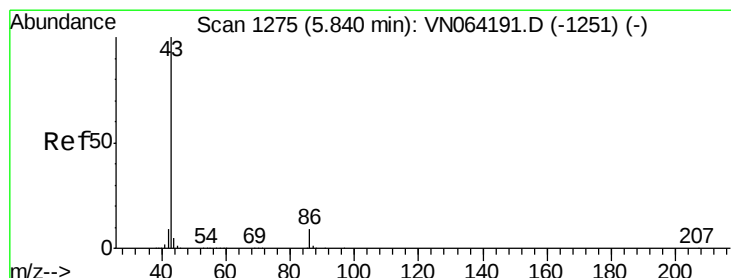
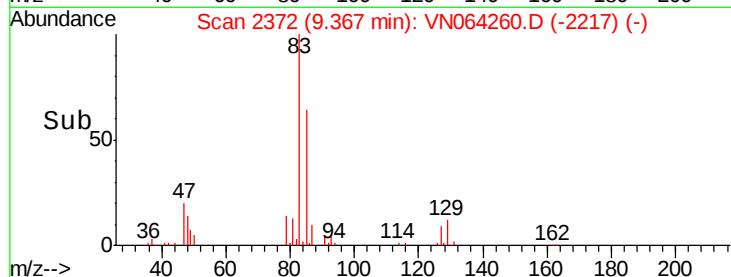
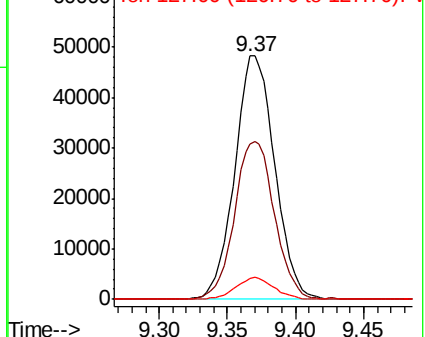
127 8.7 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VN064260.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064260.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064260.D (-2217) (-)



#42

Vinyl Acetate

Concen: 97.326 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064260.D

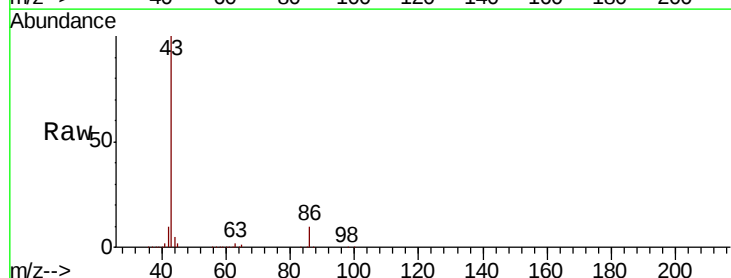
Acq: 22 Oct 2020 19:17

Tgt Ion: 43 Resp: 850244

Ion Ratio Lower Upper

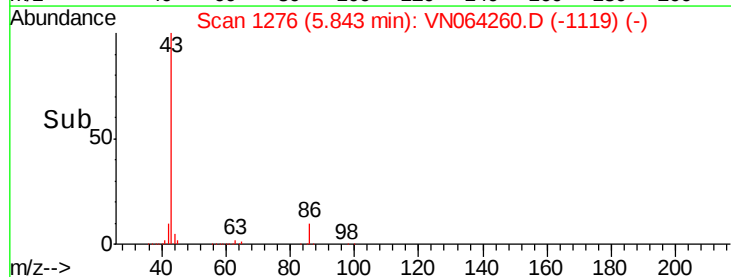
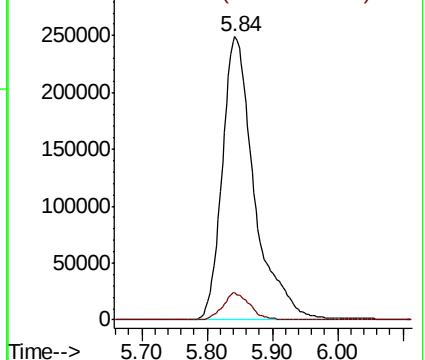
43 100

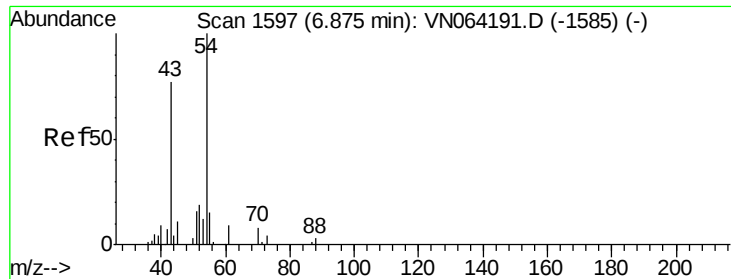
86 8.2 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN064260.D (-1119) (-)

Ion 86.00 (85.70 to 86.70): VN064260.D (-1119) (-)





#43

Ethyl Acetate

Concen: 17.848 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

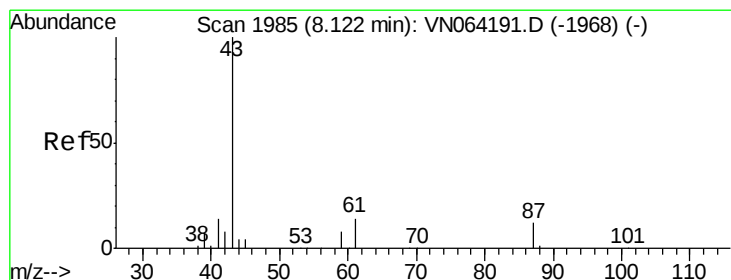
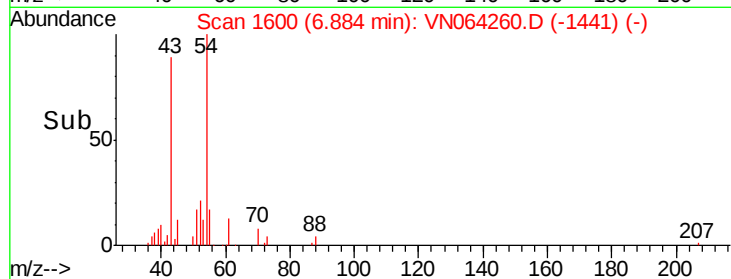
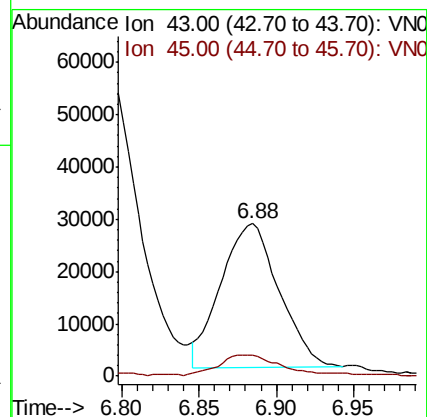
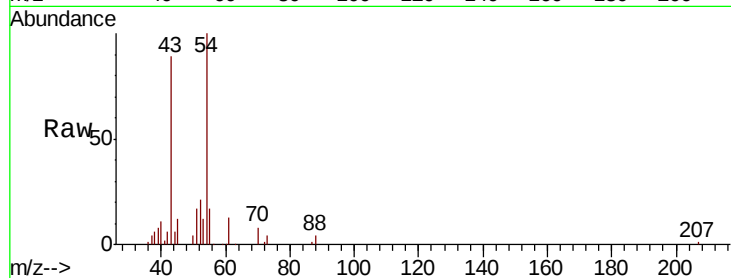
VN1022WBS01

Tot Ion: 43 Resp: 71732

Ion Ratio Lower Upper

43 100

45 7.2 9.8 14.8#



#44

Isopropyl Acetate

Concen: 0.581 ug/l

RT: 7.98 min Scan# 1940

Delta R.T. -0.14 min

Lab File: VN064260.D

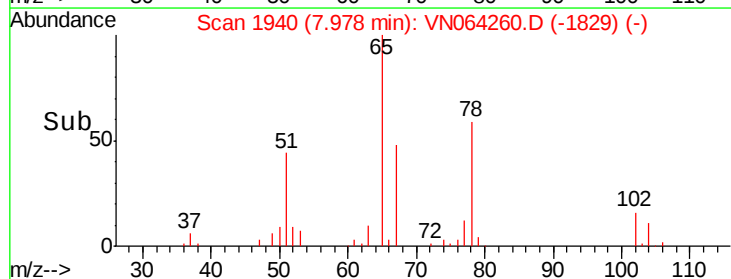
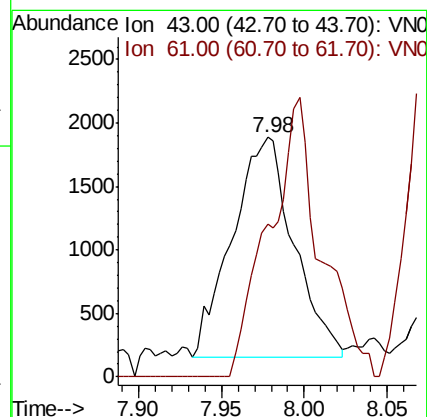
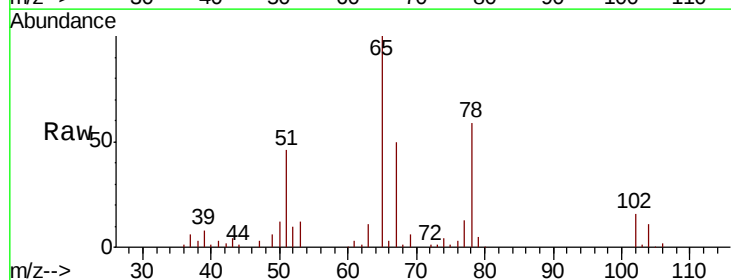
Acq: 22 Oct 2020 19:17

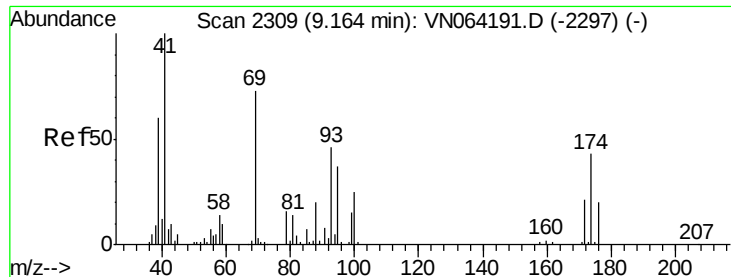
Tgt Ion: 43 Resp: 4479

Ion Ratio Lower Upper

43 100

61 27.8 18.7 28.1

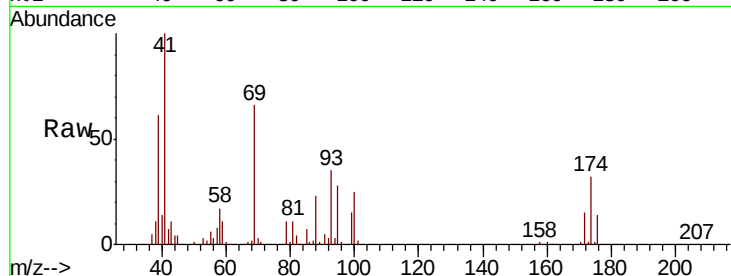




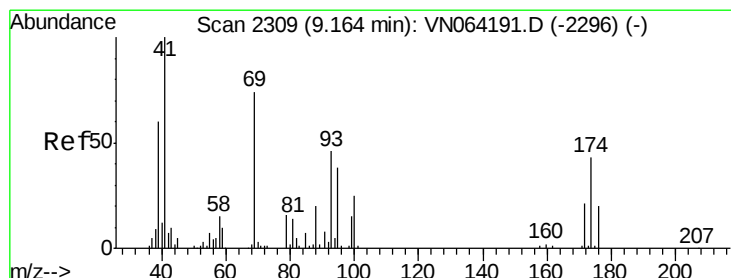
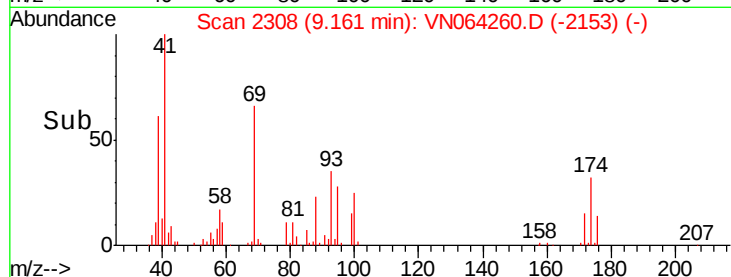
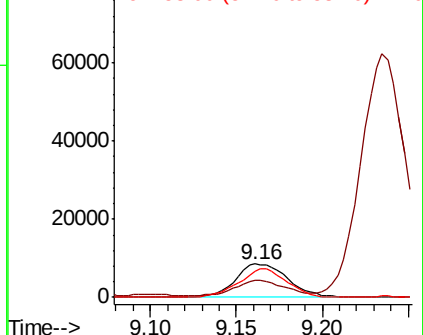
#45
1,4-Dioxane
Concen: 399.412 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

Tot Ion: 88 Resp: 18024
Ion Ratio Lower Upper
88 100
43 44.2 37.0 55.4
58 78.0 62.4 93.6

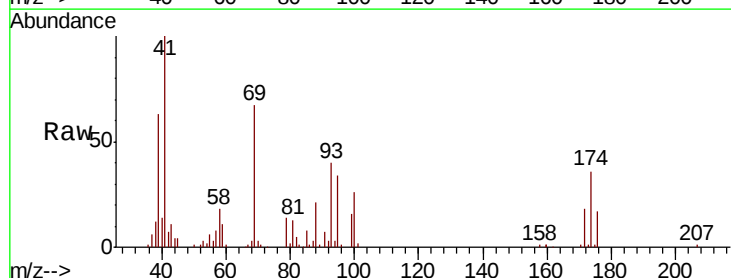


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

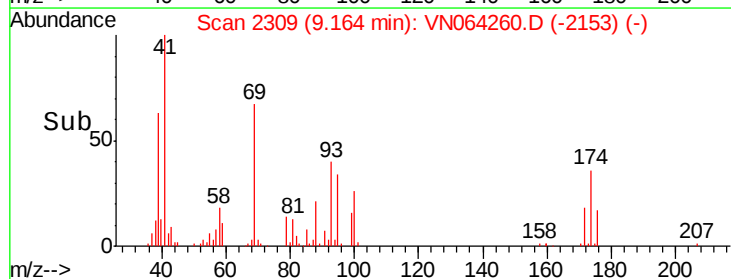
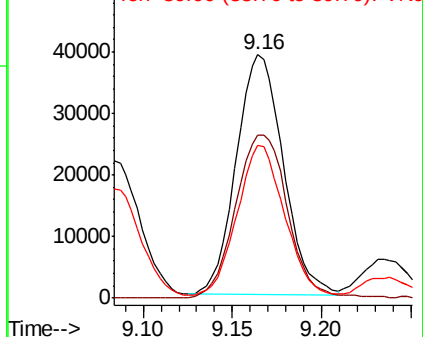


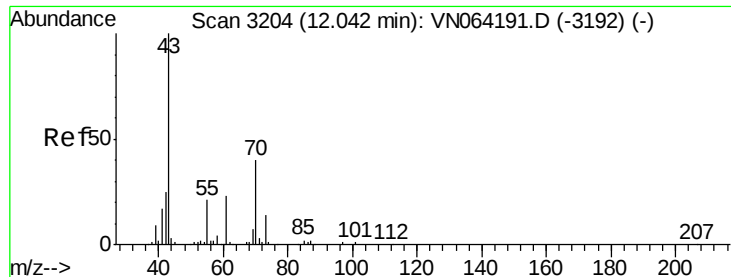
#46
Methyl methacrylate
Concen: 19.620 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion: 41 Resp: 71831
Ion Ratio Lower Upper
41 100
69 68.0 36.8 110.4
39 62.6 30.4 91.2



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

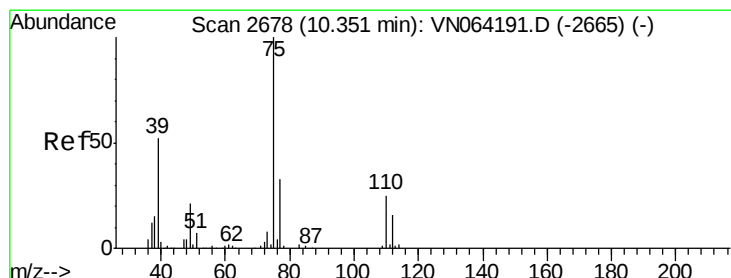
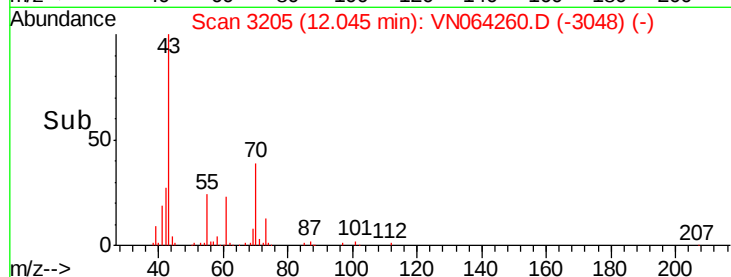
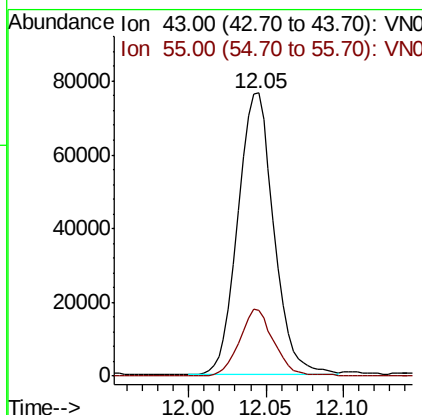
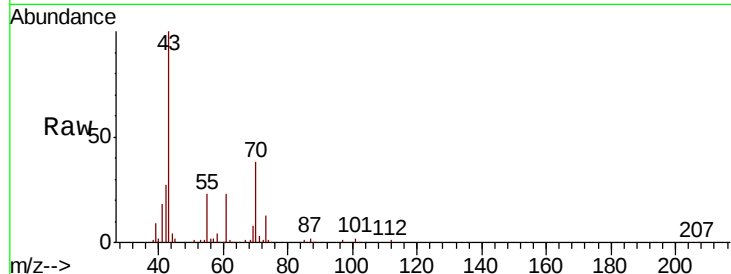




#47
n-amvl Acetate
Concen: 18.075 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

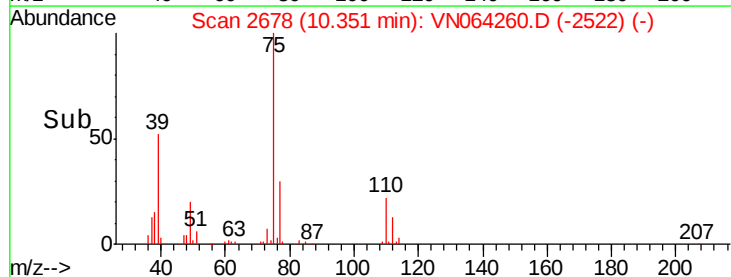
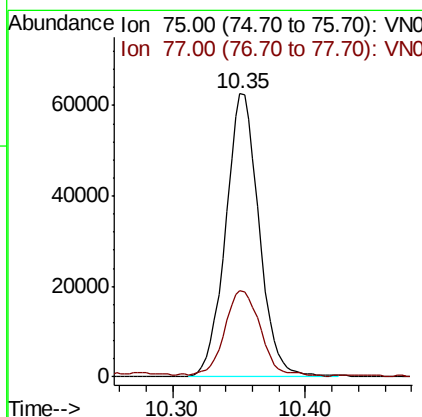
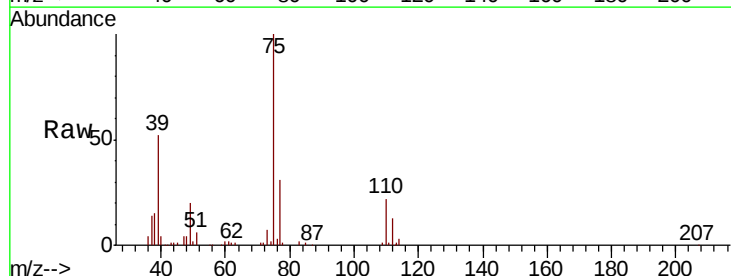
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

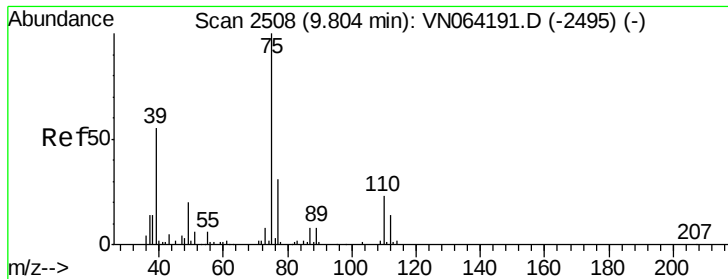
Tot Ion: 43 Resp: 123718
Ion Ratio Lower Upper
43 100
55 22.6 17.6 26.4



#48
t-1,3-Dichloropropene
Concen: 19.468 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion: 75 Resp: 109638
Ion Ratio Lower Upper
75 100
77 30.0 27.4 41.2



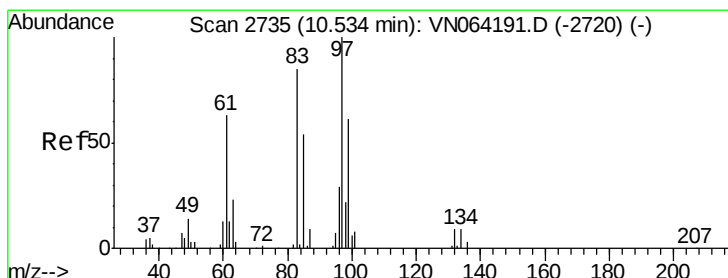
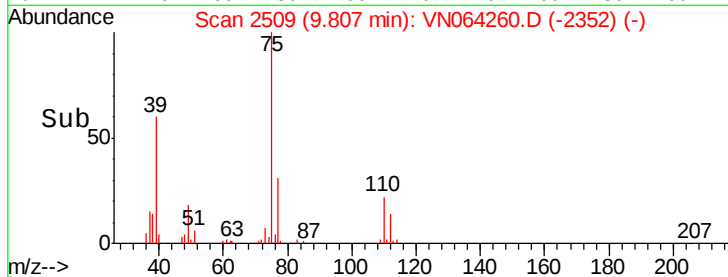
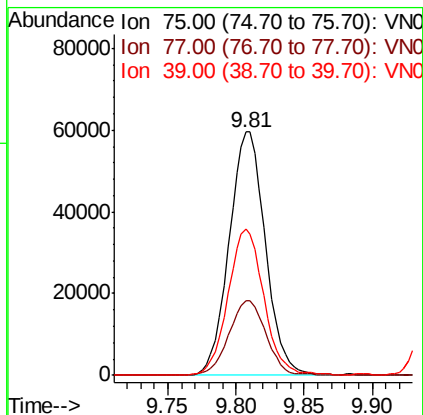
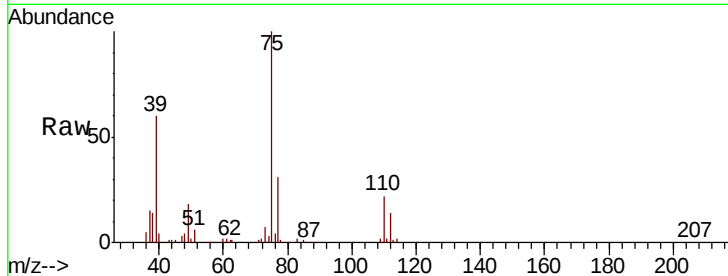


#49

cis-1,3-Dichloropropene
 Concen: 18.902 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

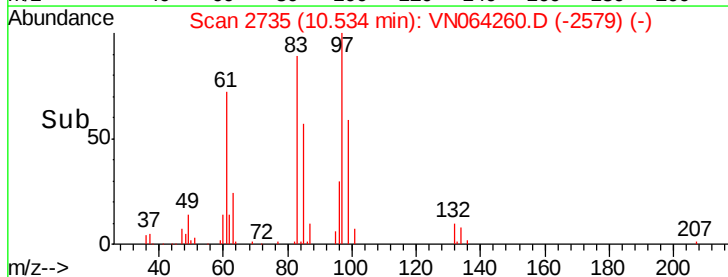
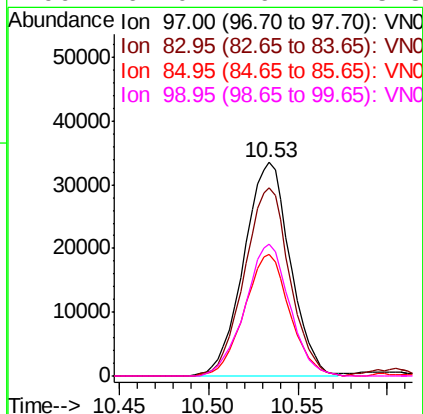
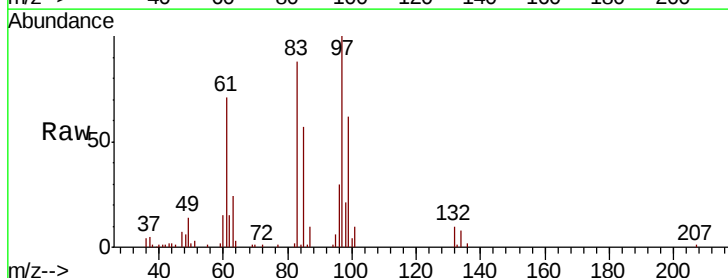
Tot Ion	75	Resp	109984
Ion Ratio	Lower	Upper	
75	100		
77	30.5	24.5	36.7
39	60.1	43.8	65.8

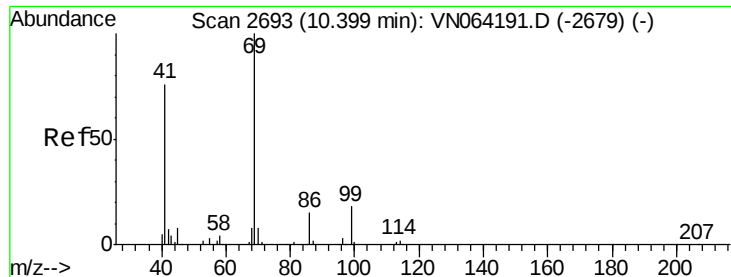


#50

1,1,2-Trichloroethane
 Concen: 19.695 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Tgt Ion	97	Resp	60879
Ion Ratio	Lower	Upper	
97	100		
83	88.1	67.7	101.5
85	57.0	43.2	64.8
99	62.0	49.2	73.8





#51

Ethyl methacrylate

Concen: 18.707 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

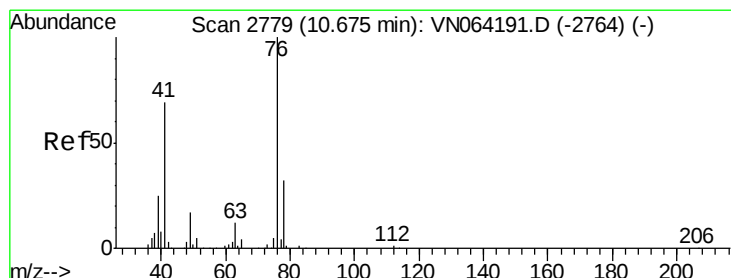
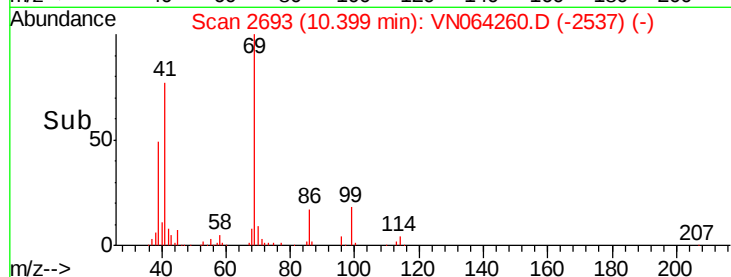
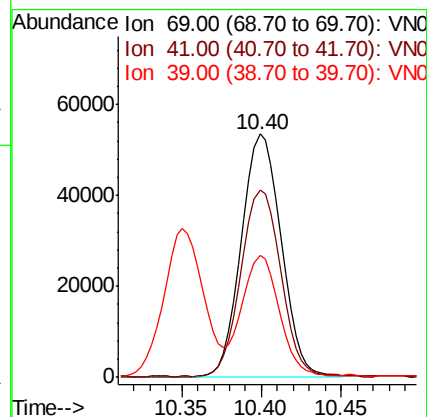
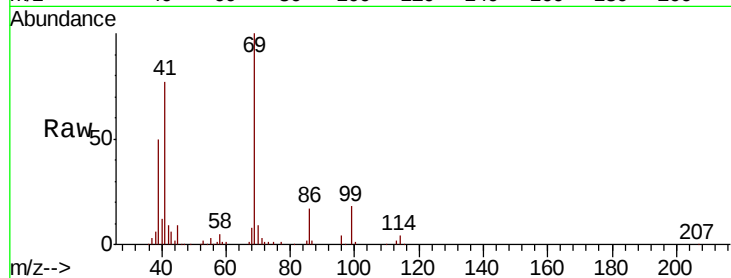
Tot Ion: 69 Resp: 91440

Ion Ratio Lower Upper

69 100

41 76.8 38.0 114.1

39 49.0 21.4 64.3



#52

1,3-Dichloropropane

Concen: 19.393 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064260.D

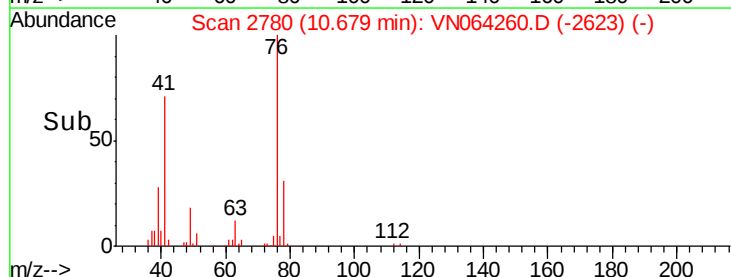
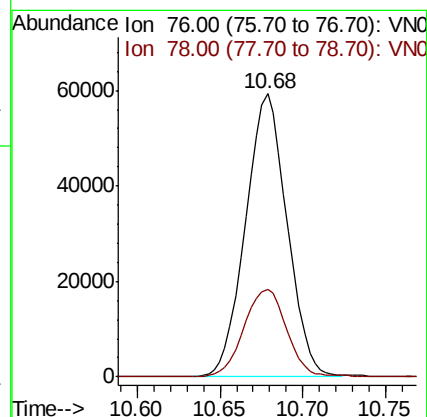
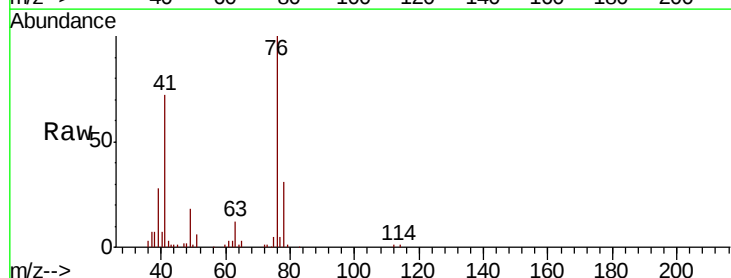
Acq: 22 Oct 2020 19:17

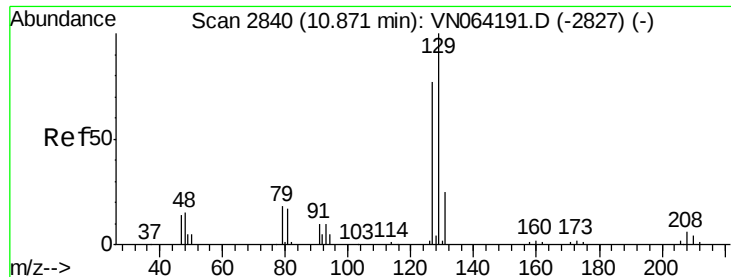
Tgt Ion: 76 Resp: 103348

Ion Ratio Lower Upper

76 100

78 31.8 0.0 64.4





#53

Dibromochloromethane

Concen: 19.231 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

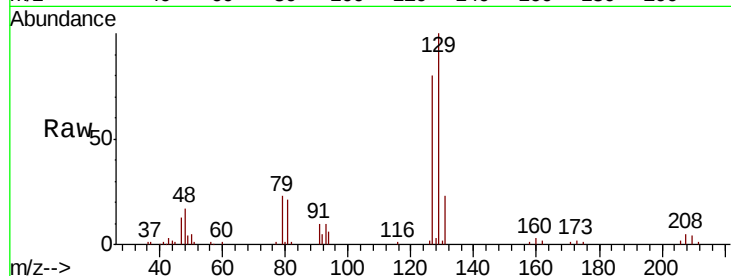
VN1022WBS01

Tot Ion:129 Resp: 74819

Ion Ratio Lower Upper

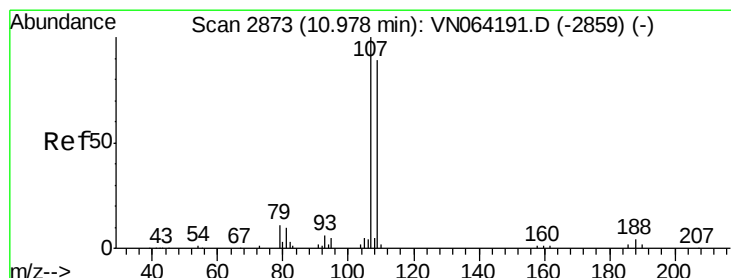
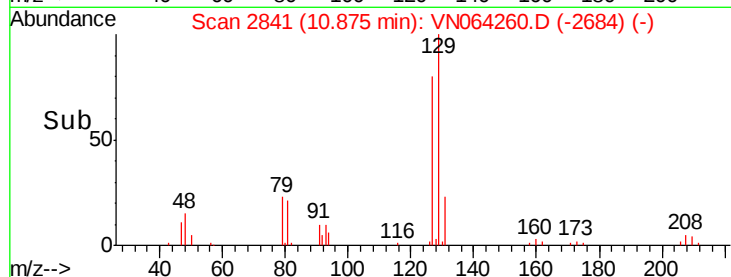
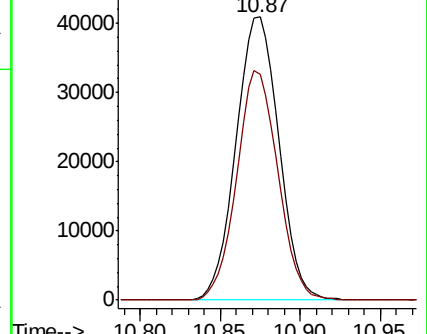
129 100

127 77.8 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.971 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064260.D

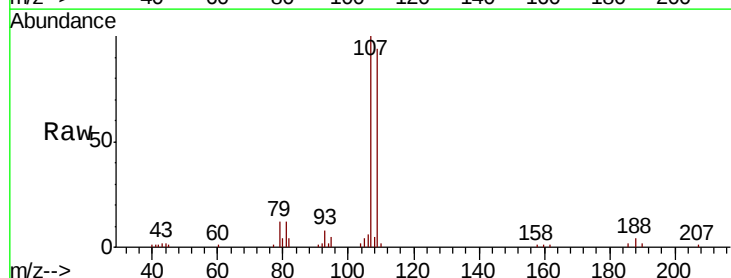
Acq: 22 Oct 2020 19:17

Tgt Ion:107 Resp: 62332

Ion Ratio Lower Upper

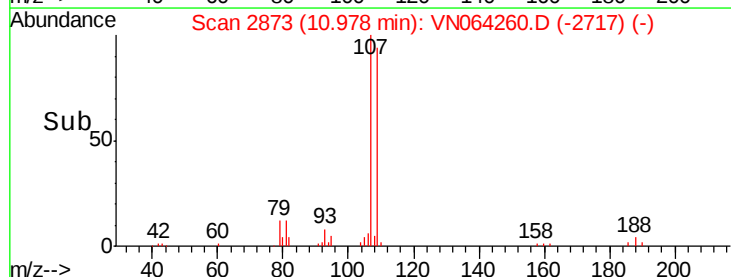
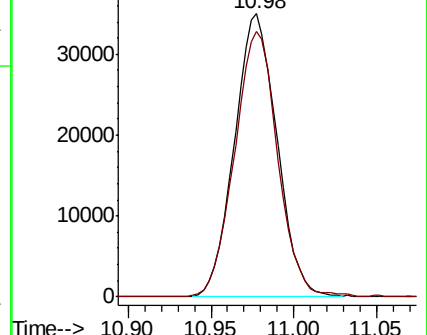
107 100

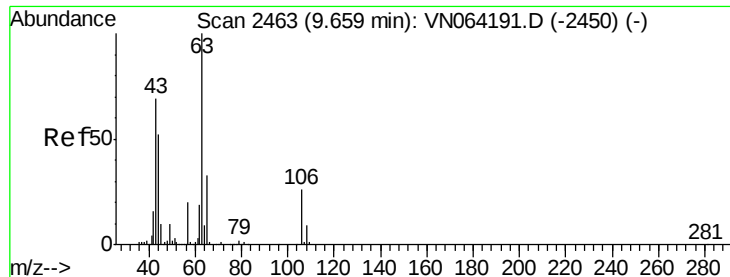
109 95.1 71.8 107.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

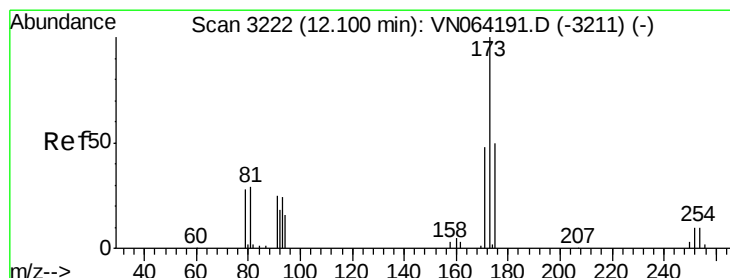
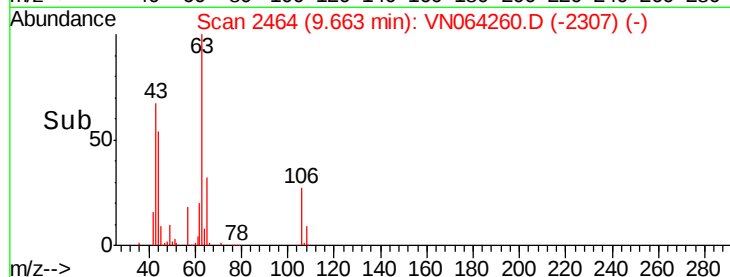
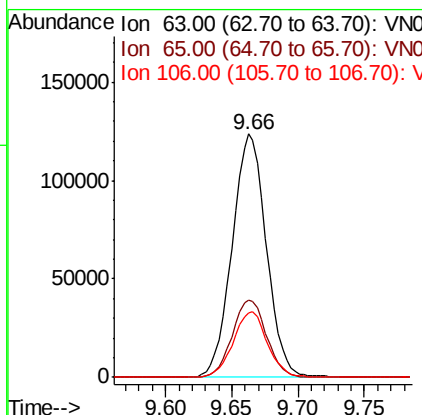
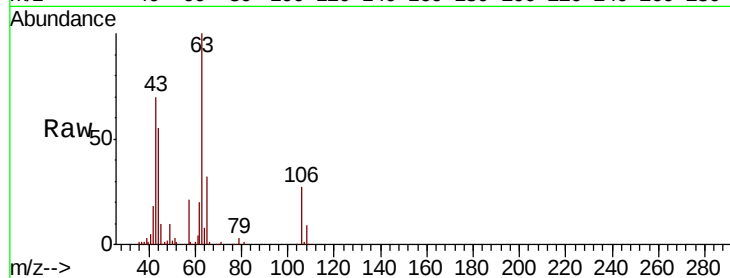




#55
 2-Chloroethyl vinyl ether
 Concen: 92.340 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

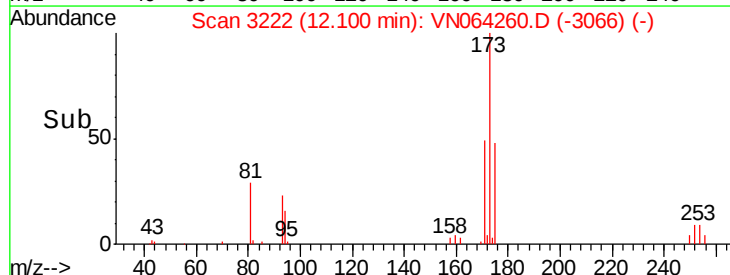
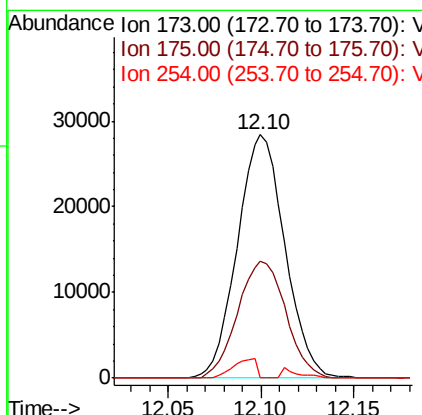
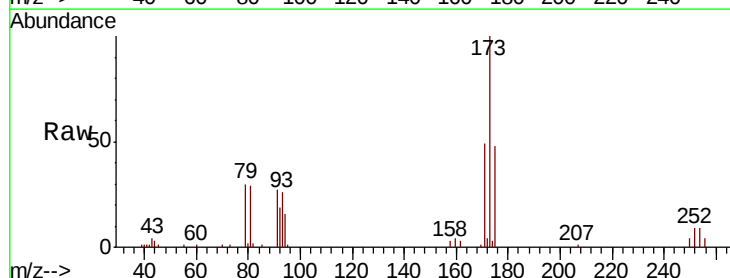
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

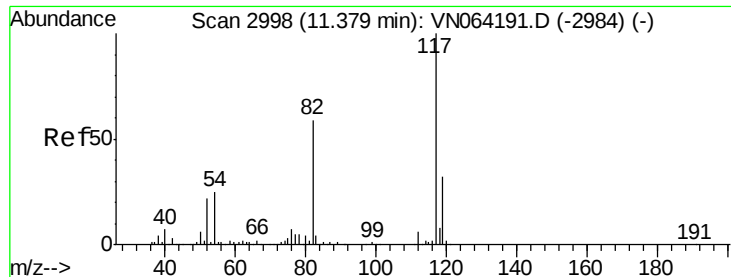
Tot Ion: 63 Resp: 221828
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.9 38.9
 106 26.8 21.4 32.2



#56
 Bromoform
 Concen: 18.652 ug/l
 RT: 12.10 min Scan# 3222
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Tgt Ion: 173 Resp: 50535
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.4
 254 3.8 6.8 10.2#

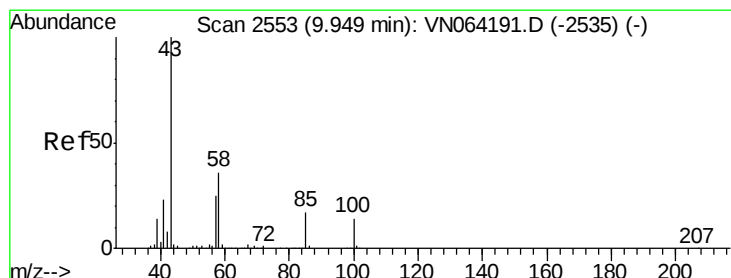
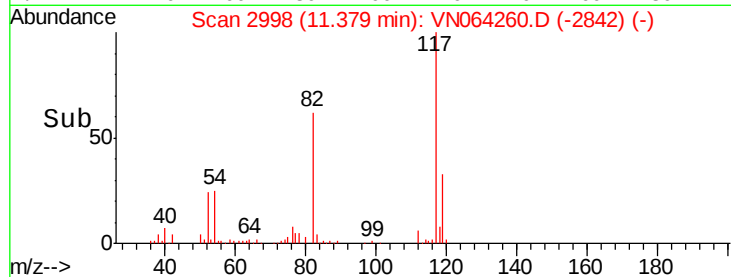
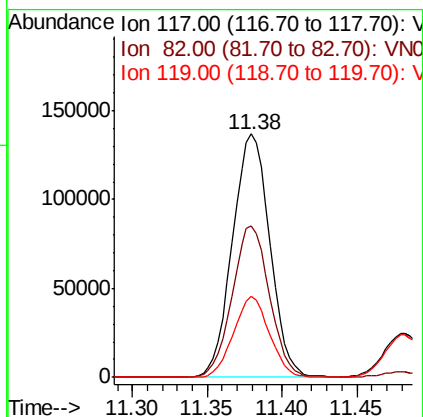
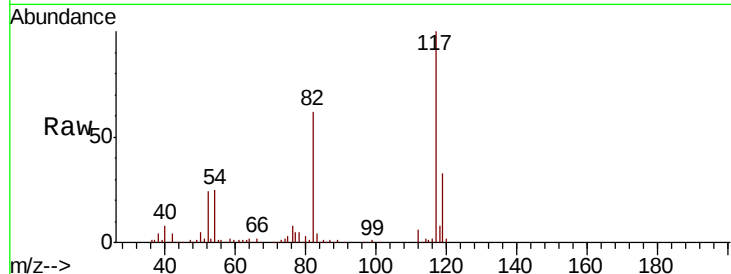




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

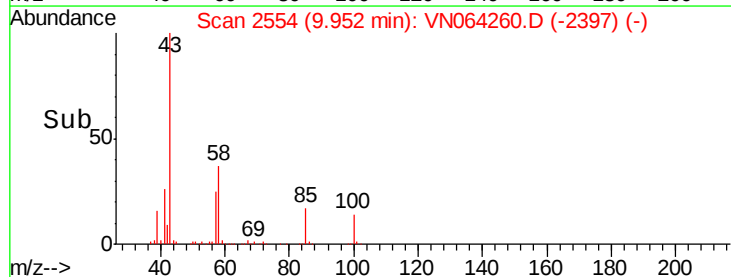
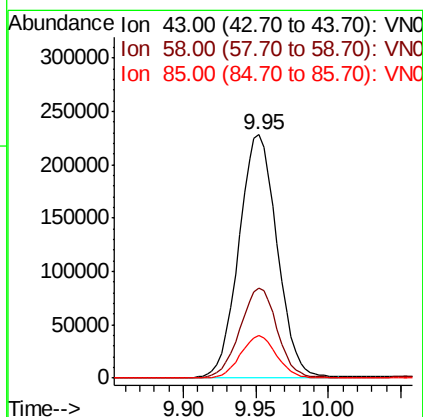
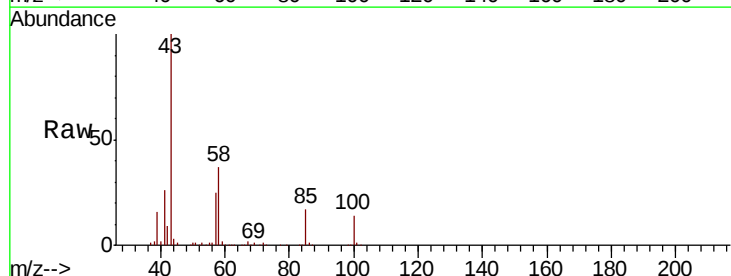
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

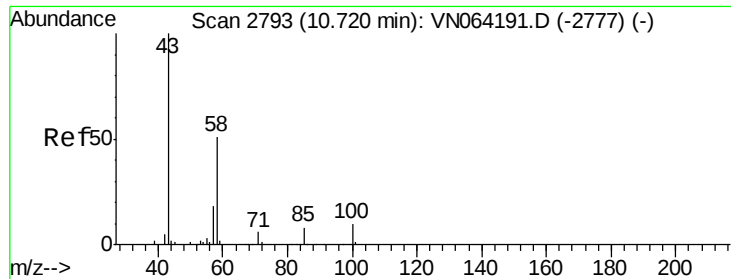
Tot Ion:117 Resp: 238716
Ion Ratio Lower Upper
117 100
82 62.0 47.8 71.8
119 31.9 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 103.005 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion: 43 Resp: 416673
Ion Ratio Lower Upper
43 100
58 36.2 29.5 44.3
85 16.6 13.7 20.5

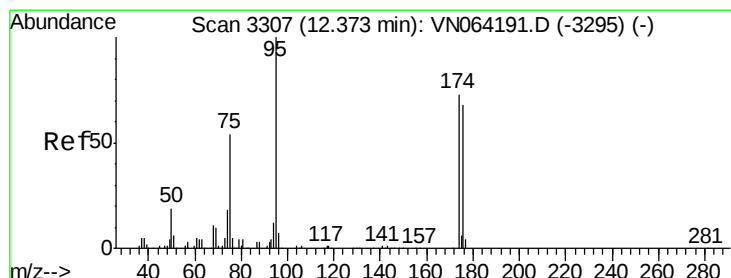
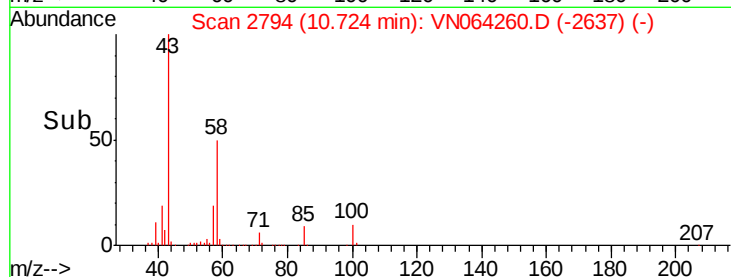
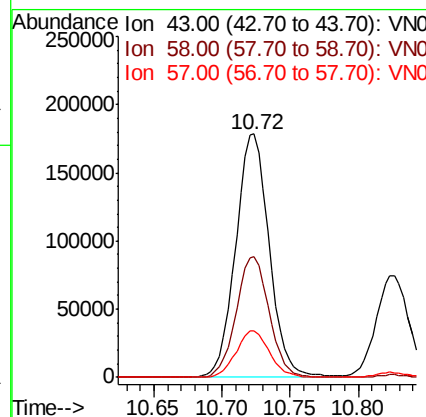
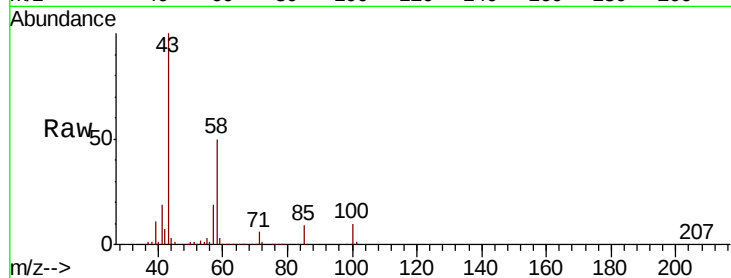




#59
2-Hexanone
Concen: 100.205 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

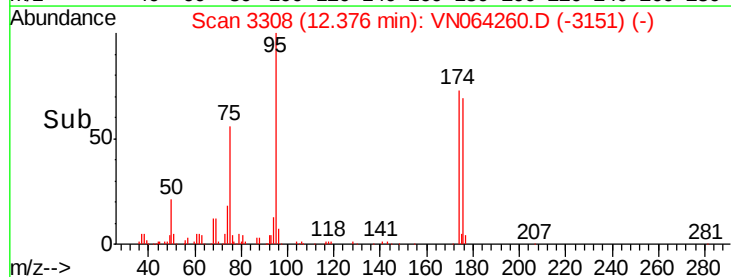
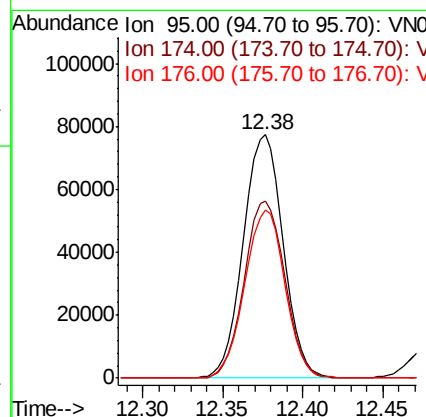
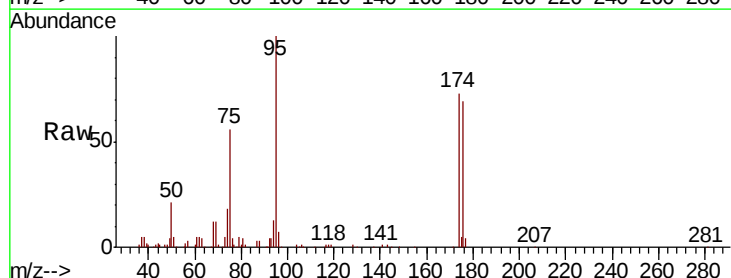
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

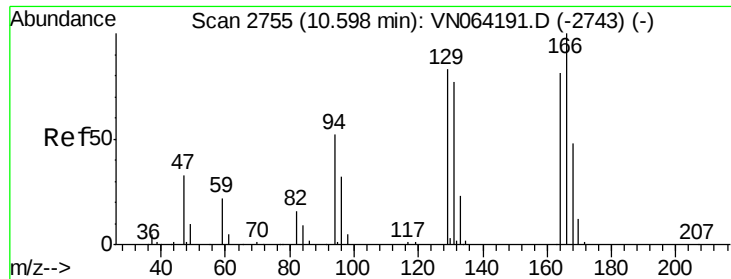
Tot Ion	43	Resp	300927
Ion Ratio	Lower	Upper	
43	100		
58	49.4	40.2	60.4
57	19.2	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 30.741 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion	95	Resp	131509
Ion Ratio	Lower	Upper	
95	100		
174	73.9	57.6	86.4
176	69.7	54.9	82.3





#61

Tetrachloroethene

Concen: 19.909 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

Tot Ion:164 Resp: 64069

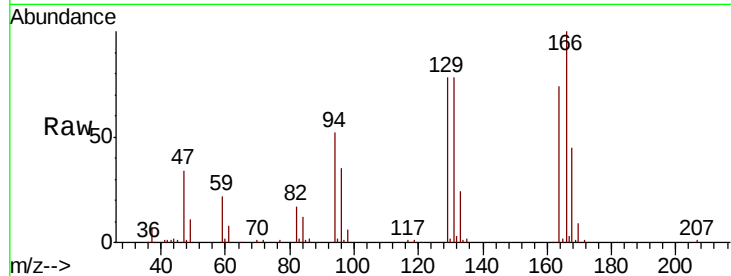
Ion Ratio Lower Upper

164 100

166 134.4 99.2 148.8

129 103.9 82.8 124.2

131 104.2 76.2 114.4

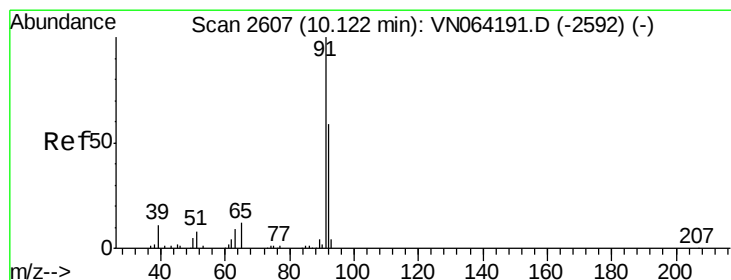
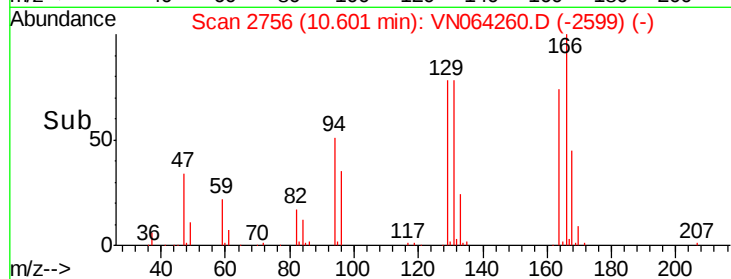
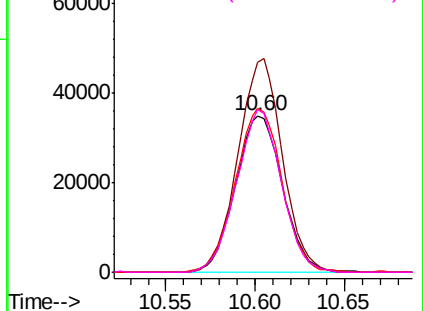


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.365 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064260.D

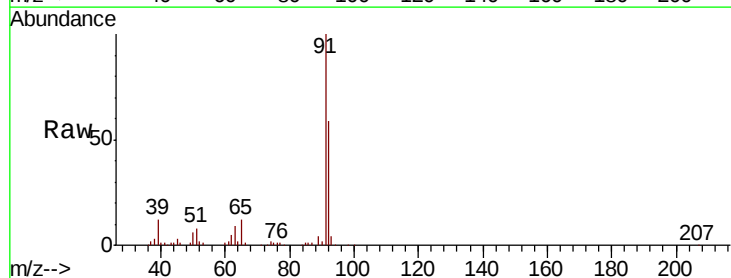
Acq: 22 Oct 2020 19:17

Tgt Ion: 91 Resp: 264276

Ion Ratio Lower Upper

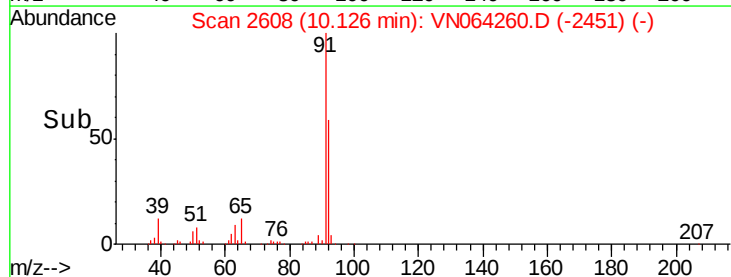
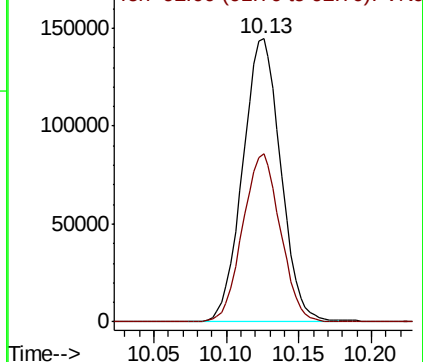
91 100

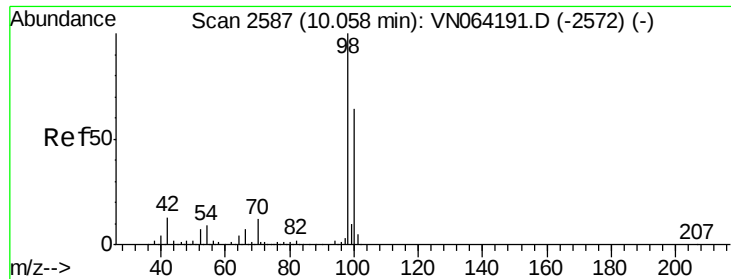
92 58.6 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.049 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

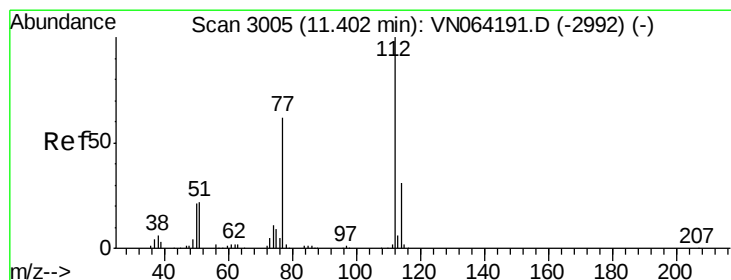
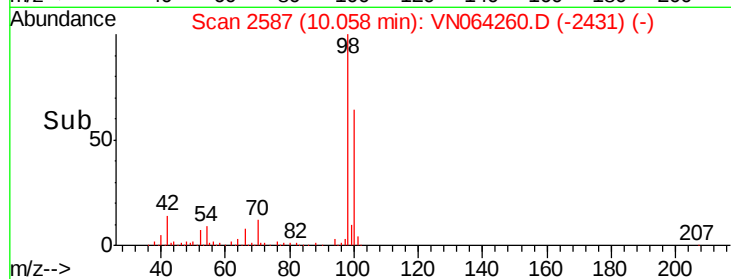
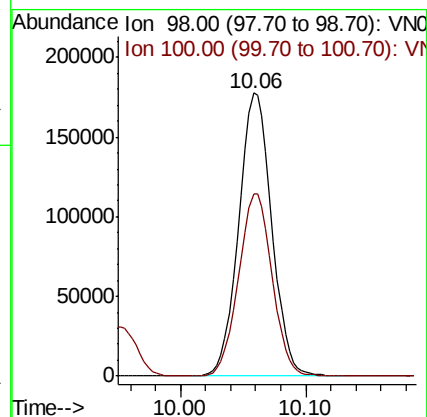
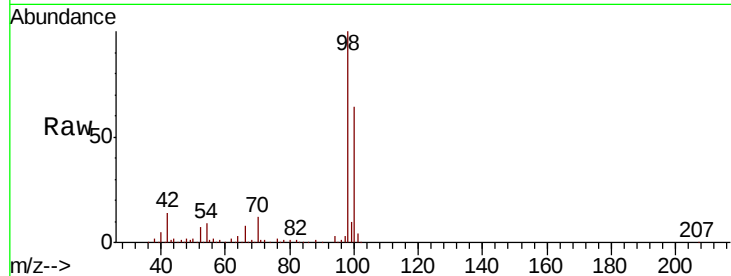
VN1022WBS01

Tot Ion: 98 Resp: 324750

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2



#64

Chlorobenzene

Concen: 19.466 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064260.D

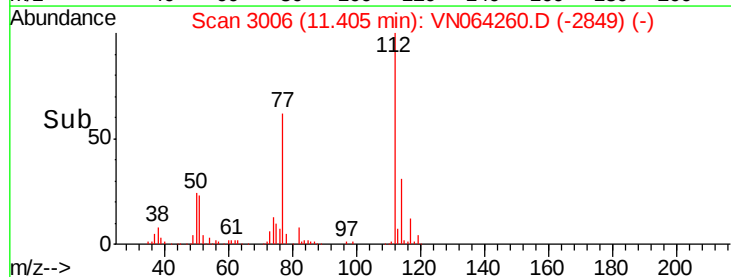
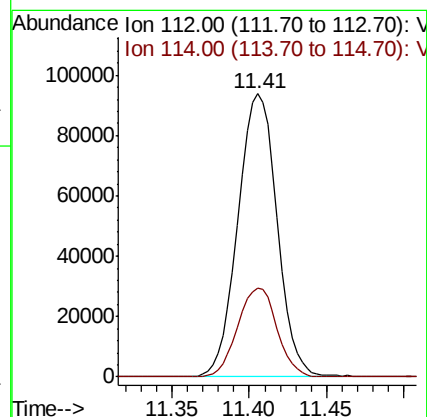
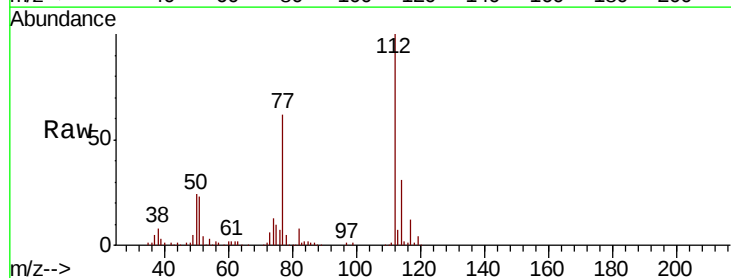
Acq: 22 Oct 2020 19:17

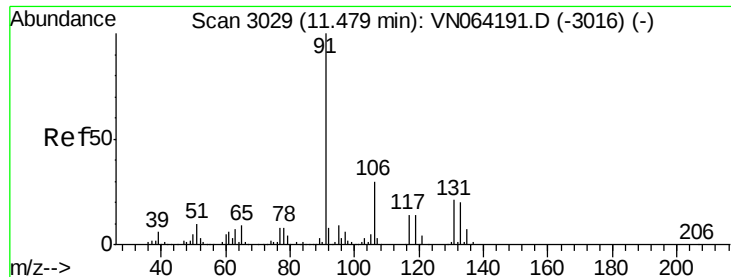
Tgt Ion: 112 Resp: 165434

Ion Ratio Lower Upper

112 100

114 31.2 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 20.145 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

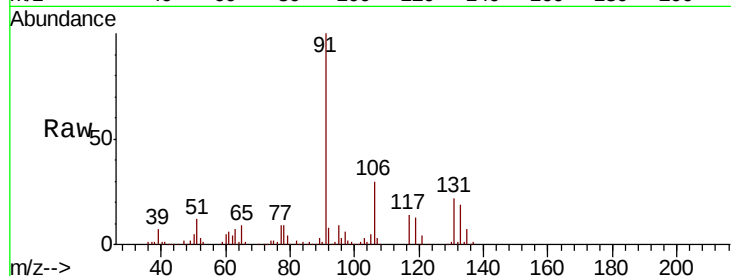
Tot Ion:131 Resp: 67079

Ion Ratio Lower Upper

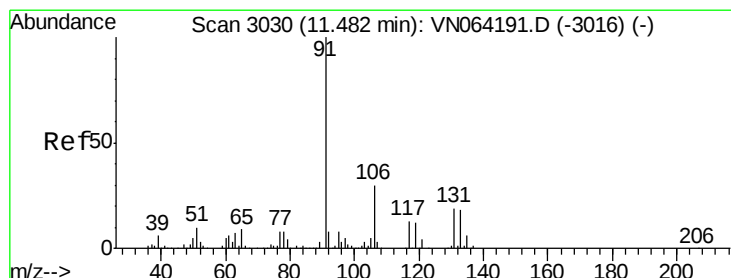
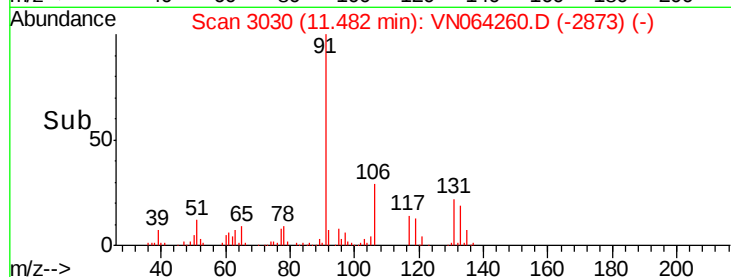
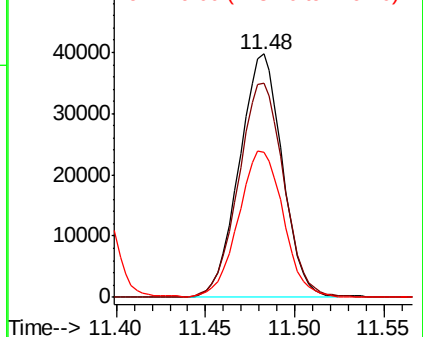
131 100

133 92.5 0.0 193.0

119 62.8 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.878 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064260.D

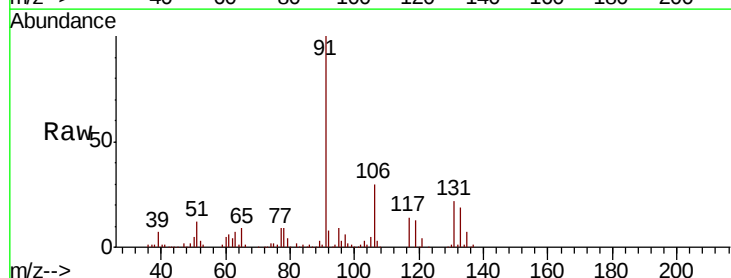
Acq: 22 Oct 2020 19:17

Tgt Ion: 91 Resp: 296197

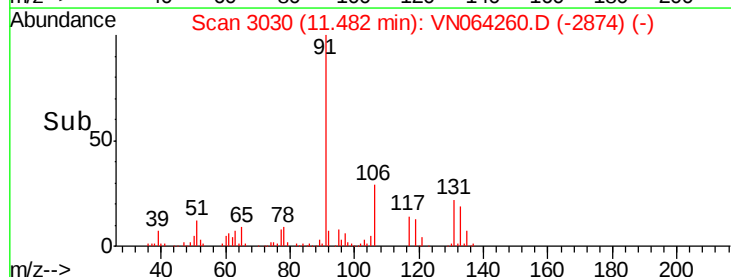
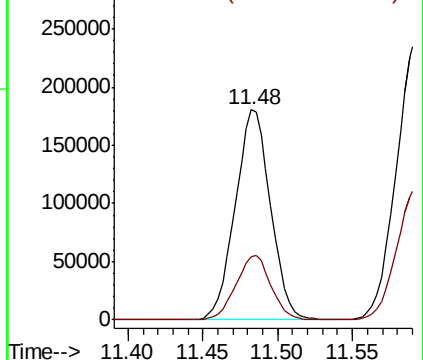
Ion Ratio Lower Upper

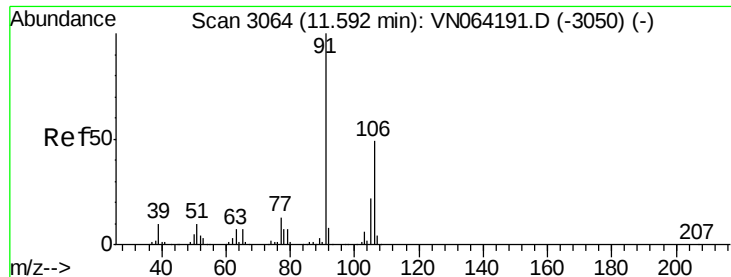
91 100

106 30.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.910 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampled :

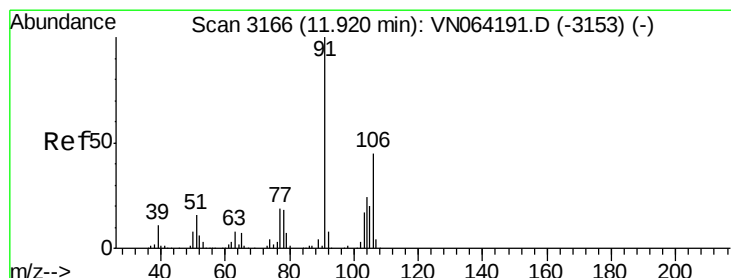
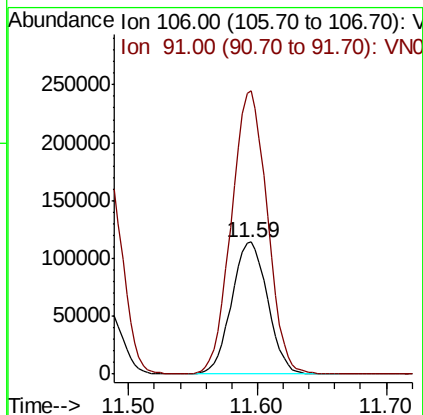
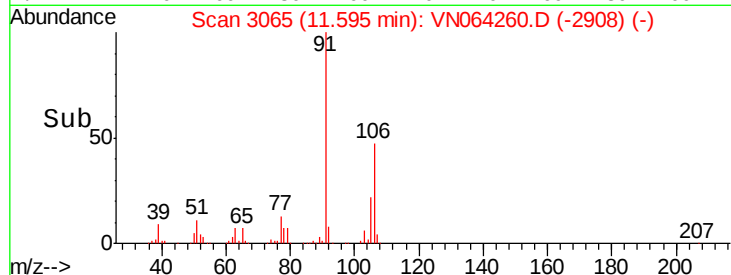
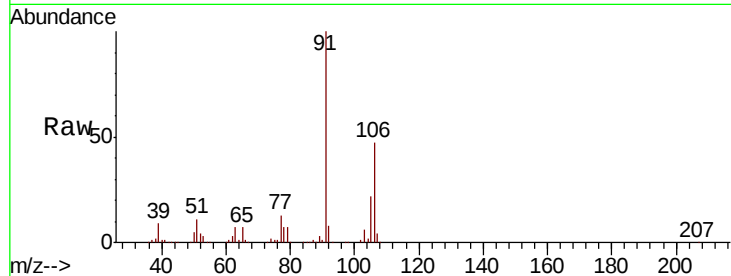
VN1022WBS01

Tot Ion:106 Resp: 221212

Ion Ratio Lower Upper

106 100

91 212.7 167.9 251.9



#68

o-Xylene

Concen: 18.609 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064260.D

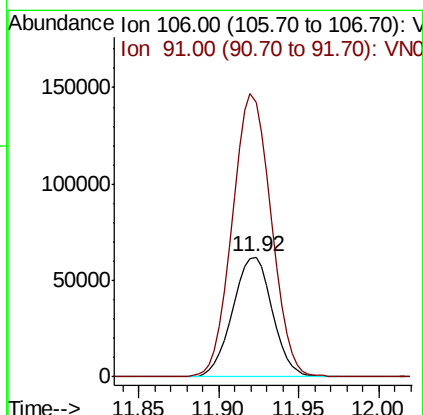
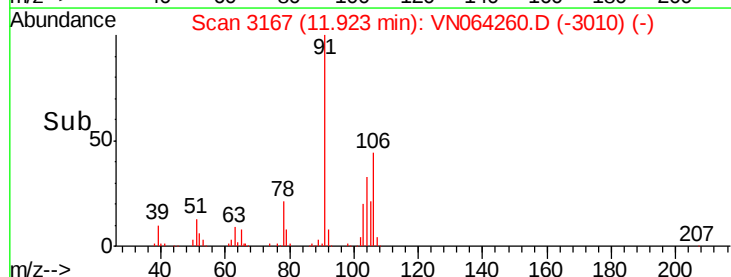
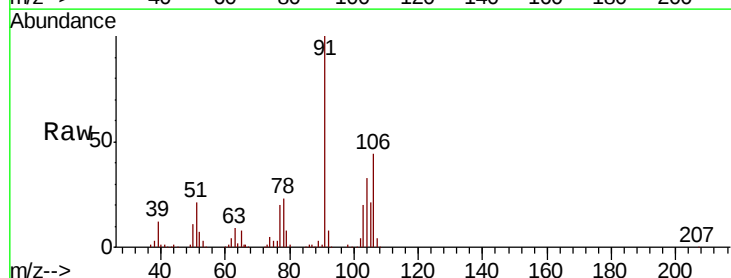
Acq: 22 Oct 2020 19:17

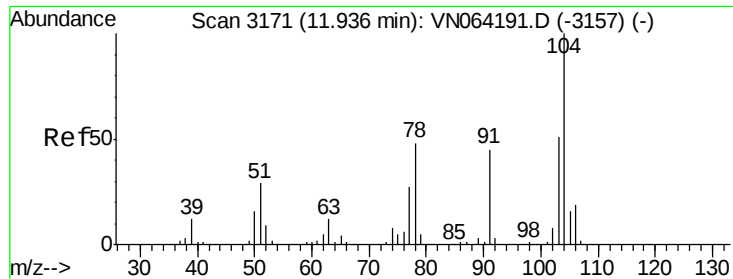
Tgt Ion:106 Resp: 105374

Ion Ratio Lower Upper

106 100

91 231.0 113.9 341.7

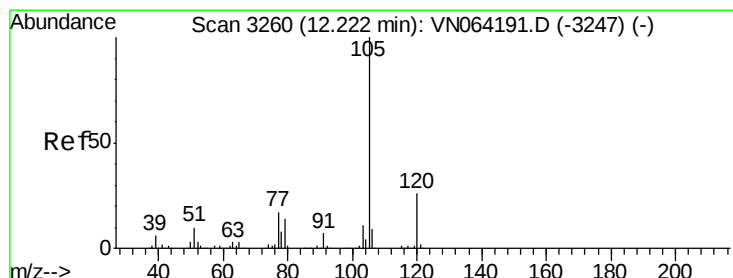
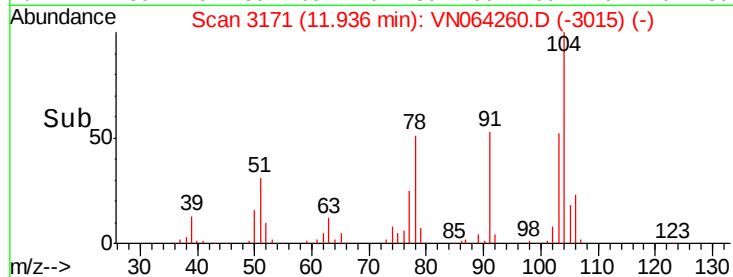
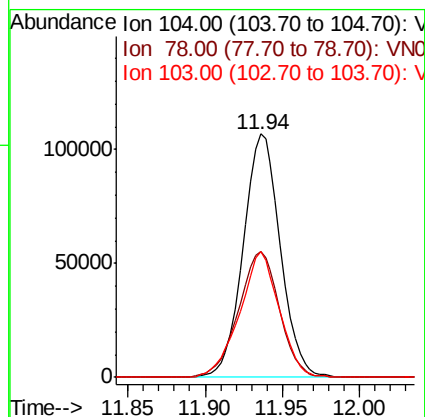
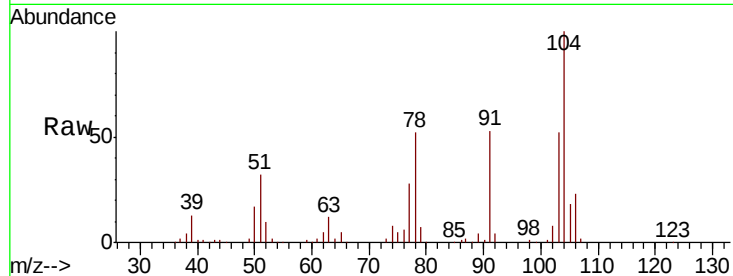




#69
Stvrene
Concen: 18.634 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

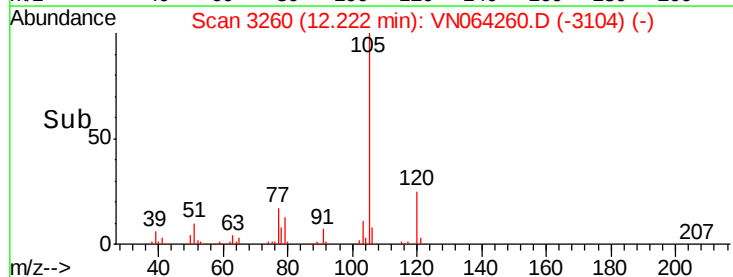
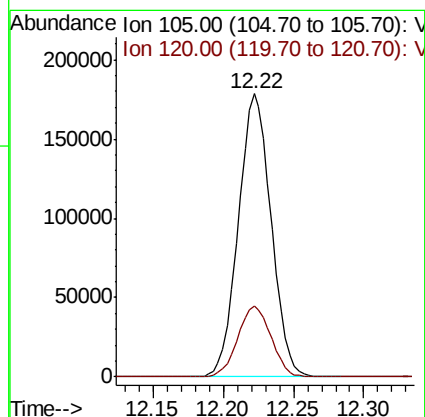
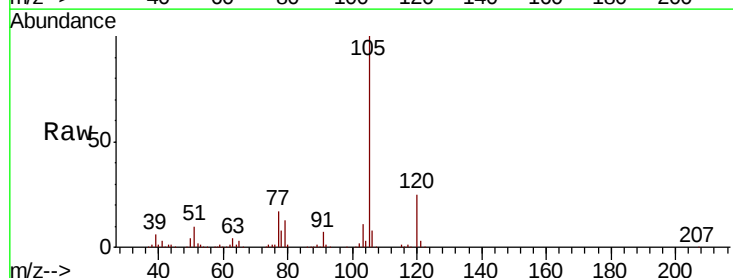
Instrument :
MSVOA_N
ClientSampled :
VN1022WBS01

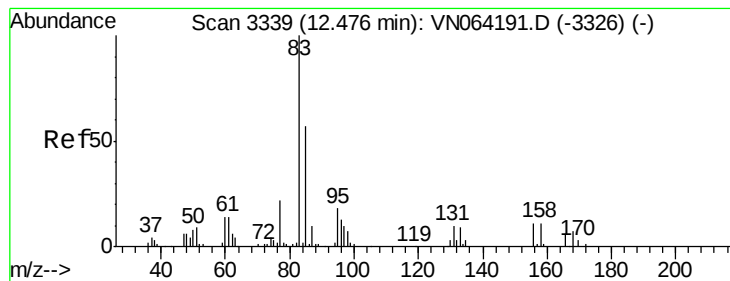
Tot Ion:104 Resp: 178517
Ion Ratio Lower Upper
104 100
78 56.7 43.6 65.4
103 55.0 44.8 67.2



#70
Isopropylbenzene
Concen: 19.432 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion:105 Resp: 290596
Ion Ratio Lower Upper
105 100
120 25.4 18.1 33.7





#71

1,1,2,2-Tetrachloroethane

Concen: 18.652 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

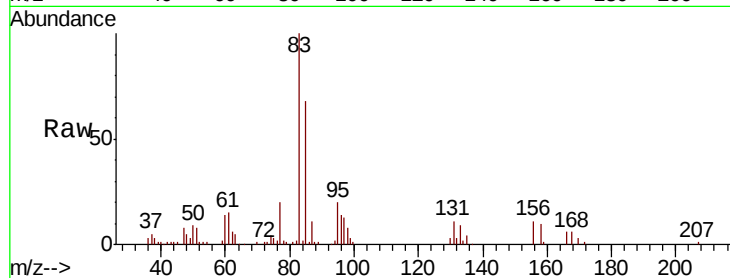
Tot Ion: 83 Resp: 76437

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.4

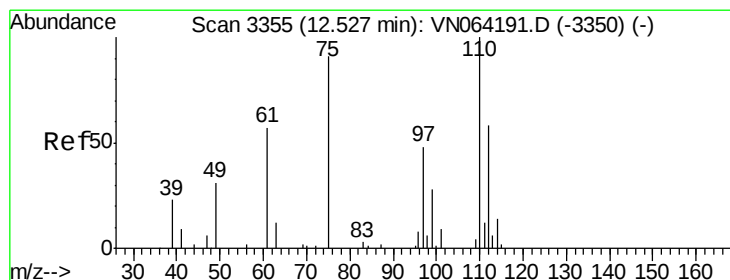
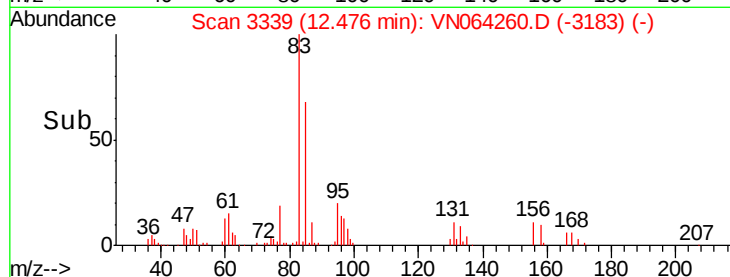
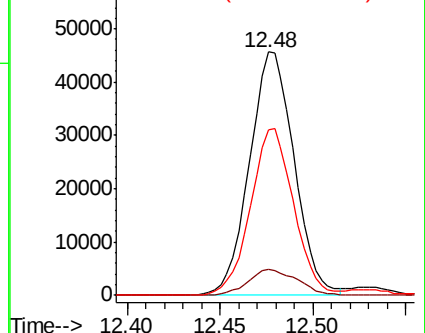
85 66.2 30.8 92.4



Abundance Ion 83.00 (82.70 to 83.70): VN064260.D (-3183) (-)

Ion 131.00 (130.70 to 131.70): VN064260.D (-3183) (-)

Ion 85.00 (84.70 to 85.70): VN064260.D (-3183) (-)



#72

1,2,3-Trichloropropane

Concen: 28.180 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064260.D

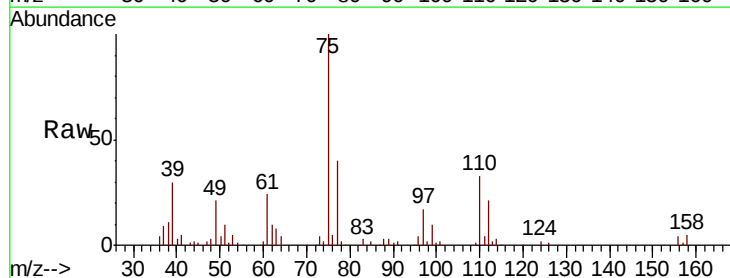
Acq: 22 Oct 2020 19:17

Tgt Ion: 75 Resp: 120514

Ion Ratio Lower Upper

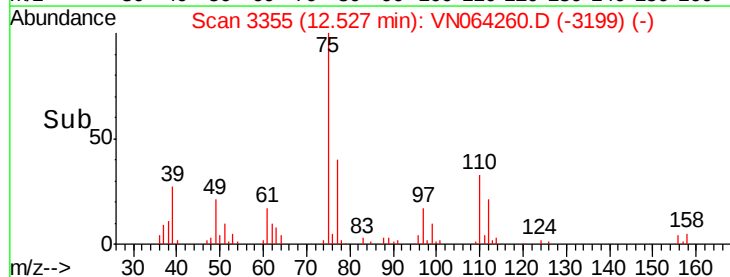
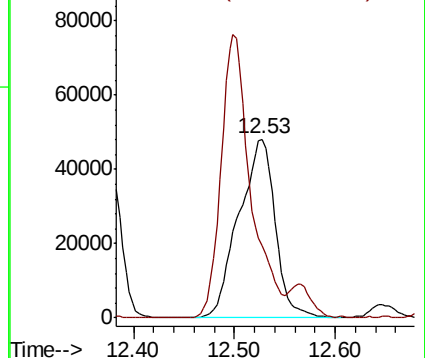
75 100

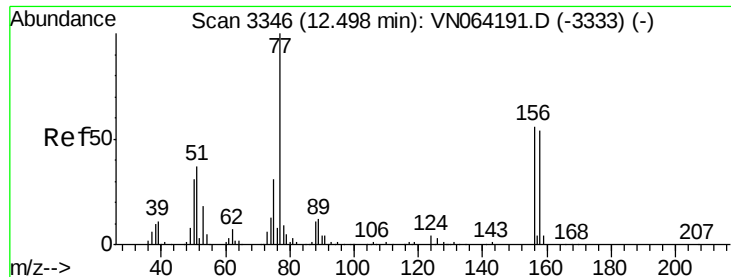
77 130.2 0.0 417.6



Abundance Ion 75.00 (74.70 to 75.70): VN064260.D (-3199) (-)

Ion 77.00 (76.70 to 77.70): VN064260.D (-3199) (-)





#73

Bromobenzene

Concen: 19.202 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampled :

VN1022WBS01

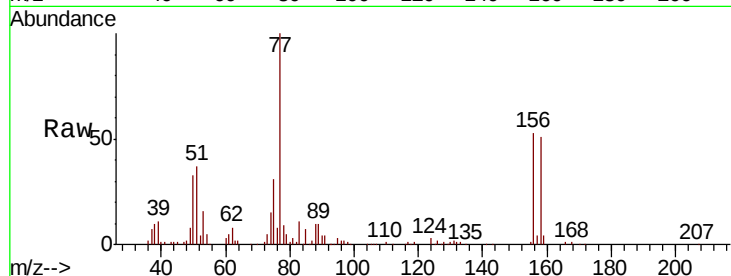
Tot Ion:156 Resp: 69246

Ion Ratio Lower Upper

156 100

77 226.6 0.0 429.8

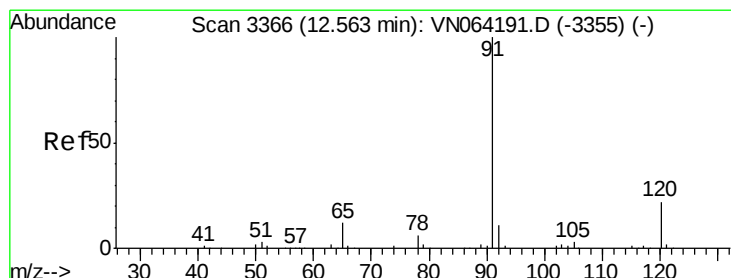
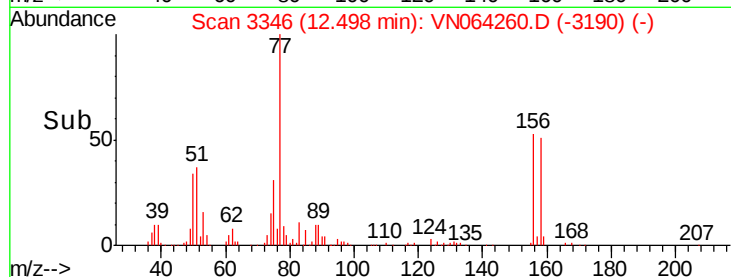
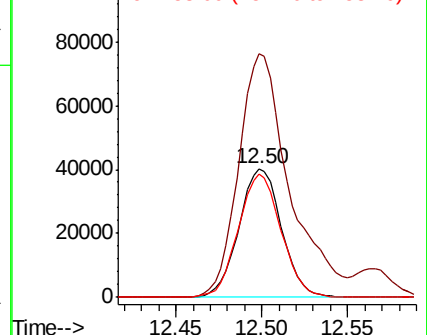
158 95.8 0.0 190.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.105 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064260.D

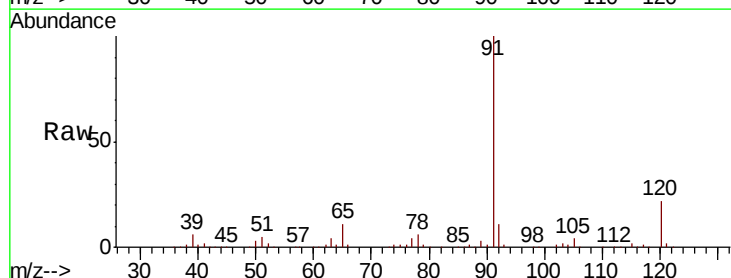
Acq: 22 Oct 2020 19:17

Tgt Ion: 91 Resp: 326088

Ion Ratio Lower Upper

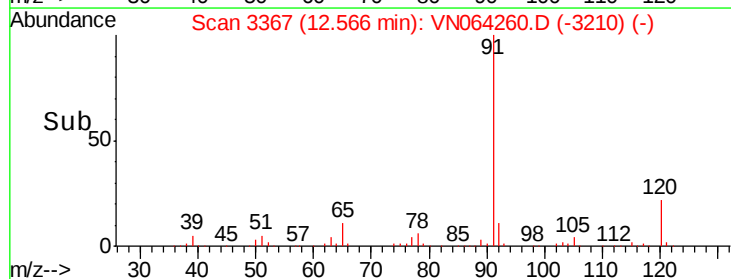
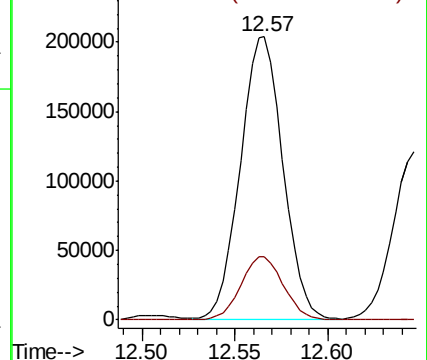
91 100

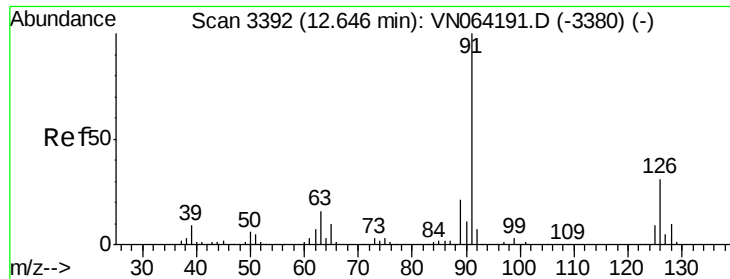
120 22.2 0.0 43.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.535 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

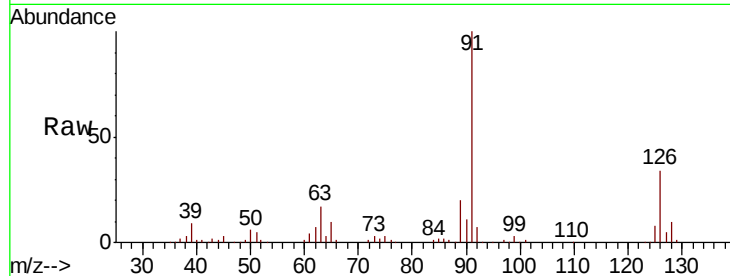
VN1022WBS01

Tot Ion: 91 Resp: 206410

Ion Ratio Lower Upper

91 100

126 31.1 0.0 62.4



Abundance Ion 91.00 (90.70 to 91.70): VN064260.D (-3393) (-)

Ion 126.00 (125.70 to 126.70): VN064260.D (-3393) (-)

150000

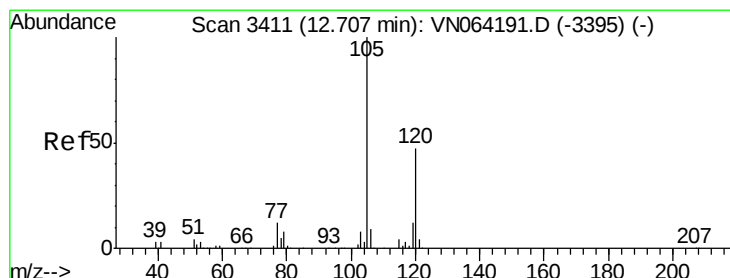
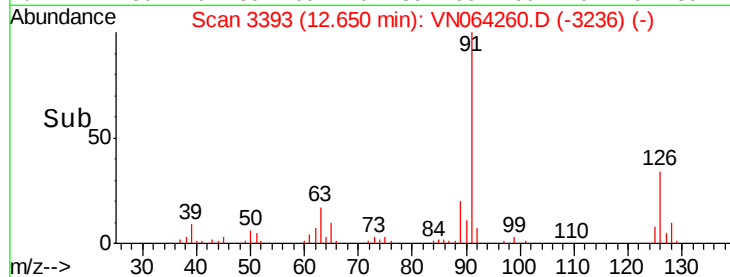
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.950 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064260.D

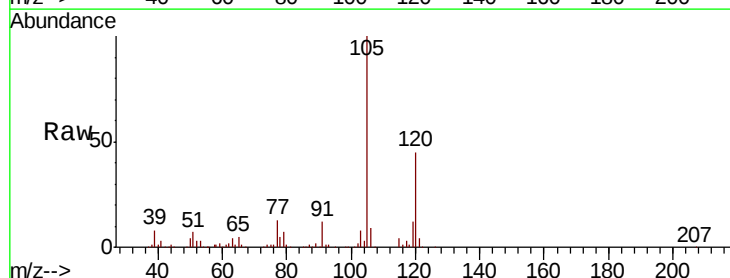
Acq: 22 Oct 2020 19:17

Tgt Ion: 105 Resp: 241148

Ion Ratio Lower Upper

105 100

120 45.7 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064260.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064260.D (-3411) (-)

150000

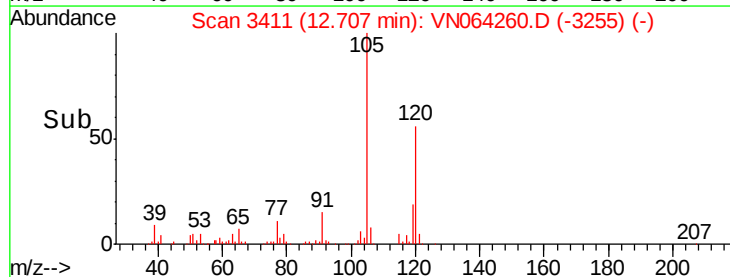
100000

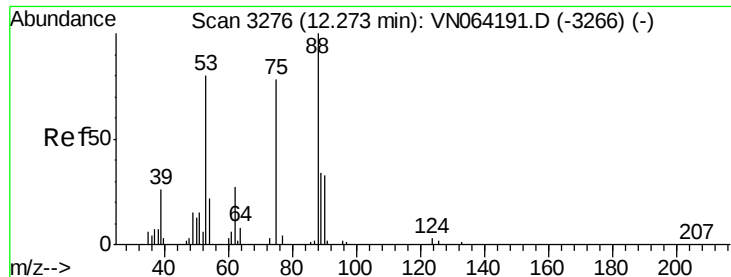
50000

0

12.65 12.70 12.75

Time-->

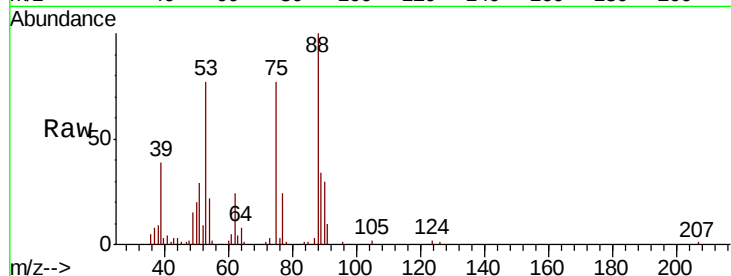




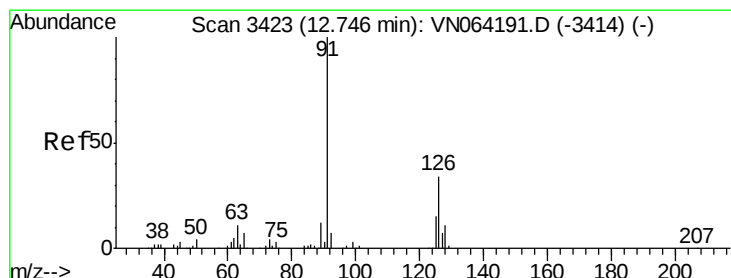
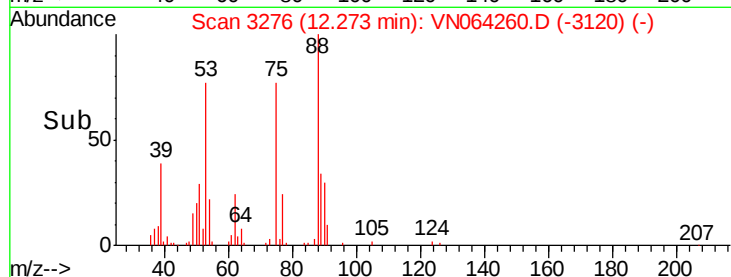
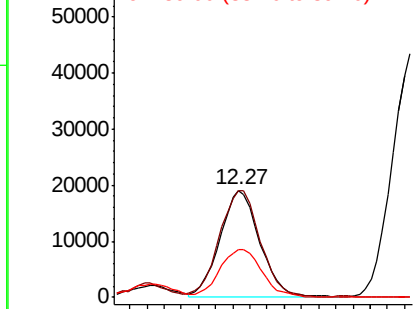
#77
t-1,4-Dichloro-2-butene
Concen: 18.519 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Instrument :
MSVOA_N
ClientSampled :
VN1022WBS01

Tot Ion: 75 Resp: 30964
Ion Ratio Lower Upper
75 100
53 99.9 51.4 154.2
89 44.7 23.8 71.5

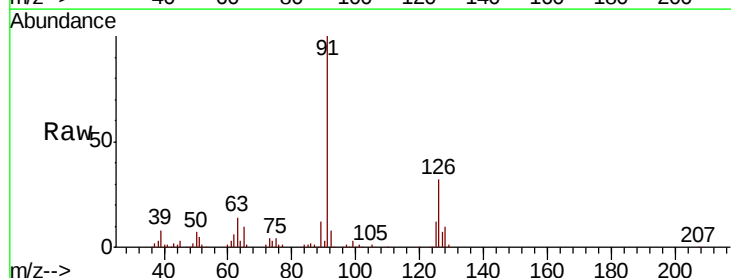


Abundance Ion 75.00 (74.70 to 75.70): VN064191.D (-3266) (-)
Ion 53.00 (52.70 to 53.70): VN064191.D (-3266) (-)
Ion 89.00 (88.70 to 89.70): VN064191.D (-3266) (-)

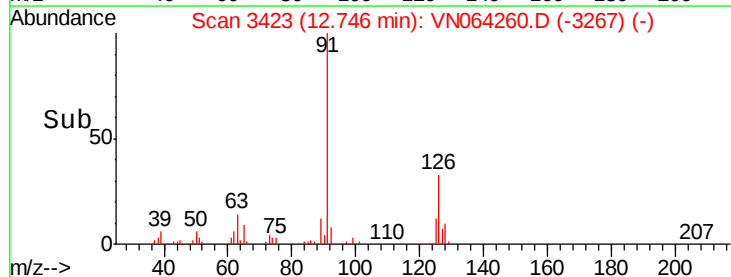
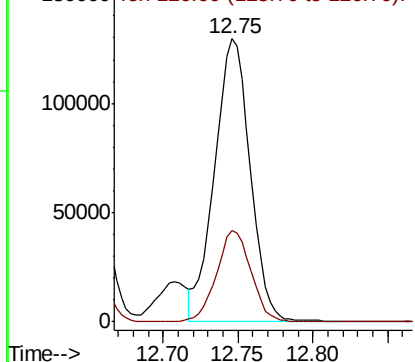


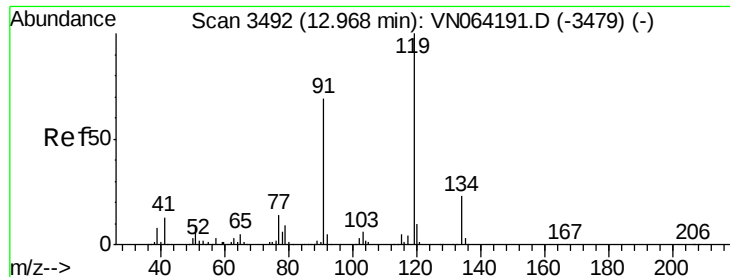
#78
4-Chlorotoluene
Concen: 19.417 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion: 91 Resp: 214604
Ion Ratio Lower Upper
91 100
126 31.3 0.0 63.2



Abundance Ion 91.00 (90.70 to 91.70): VN064191.D (-3414) (-)
Ion 126.00 (125.70 to 126.70): VN064191.D (-3414) (-)





#79

tert-butylbenzene

Concen: 19.168 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

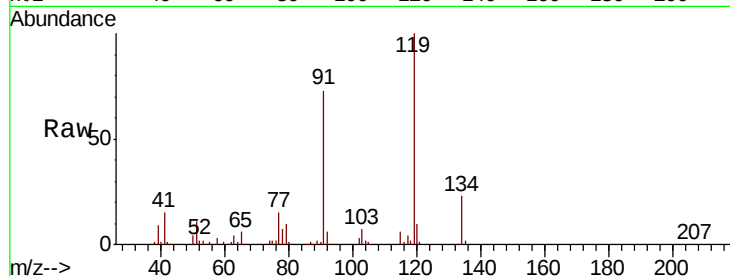
Tot Ion:119 Resp: 199414

Ion Ratio Lower Upper

119 100

91 71.9 0.0 143.2

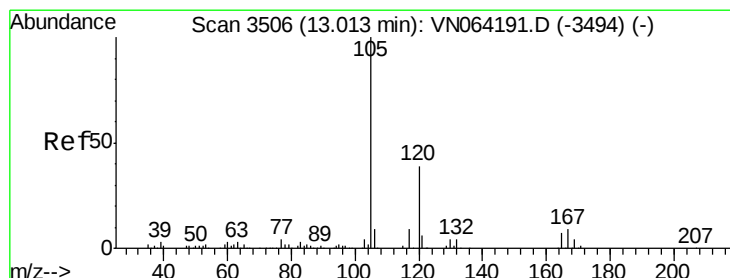
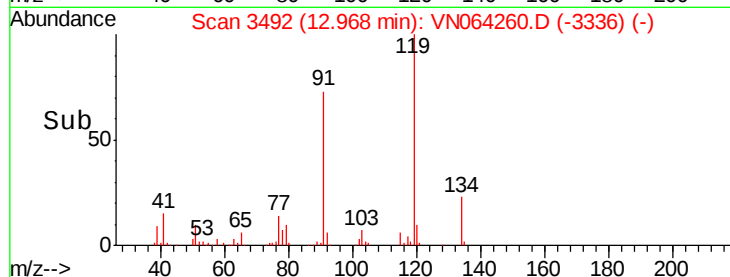
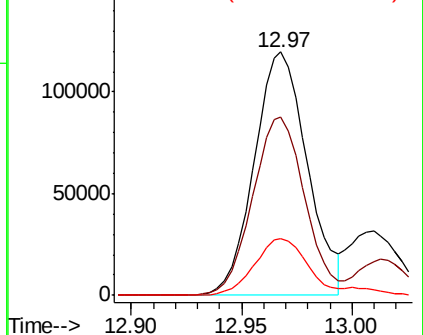
134 22.9 0.0 49.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.419 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064260.D

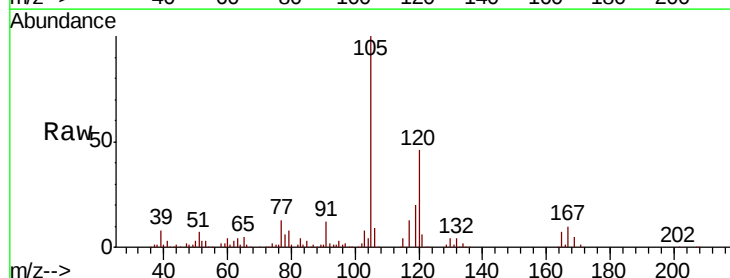
Acq: 22 Oct 2020 19:17

Tgt Ion:105 Resp: 237936

Ion Ratio Lower Upper

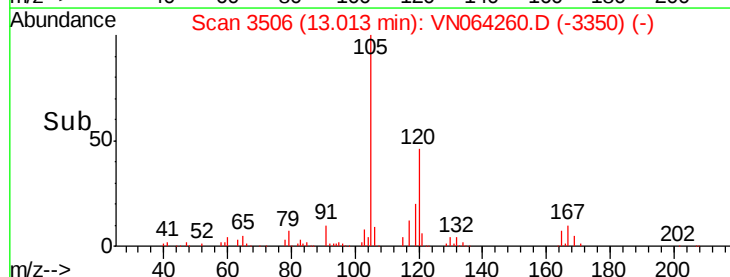
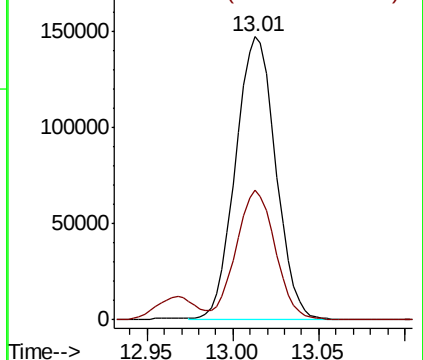
105 100

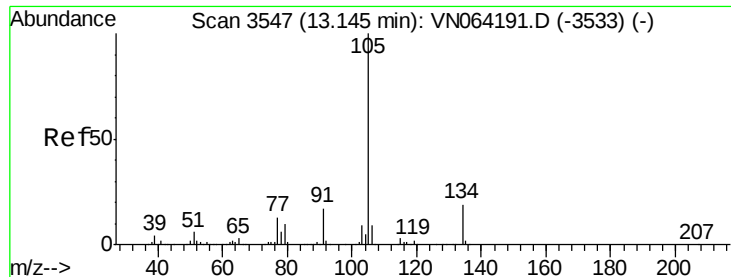
120 45.2 0.0 85.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.351 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

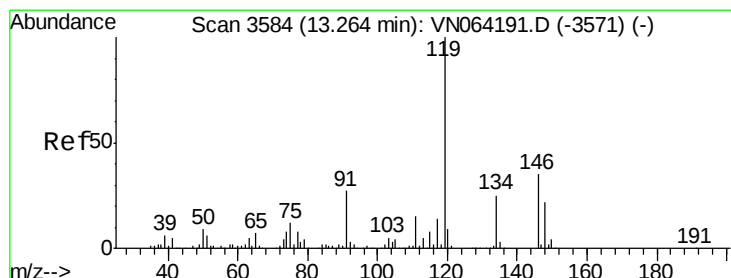
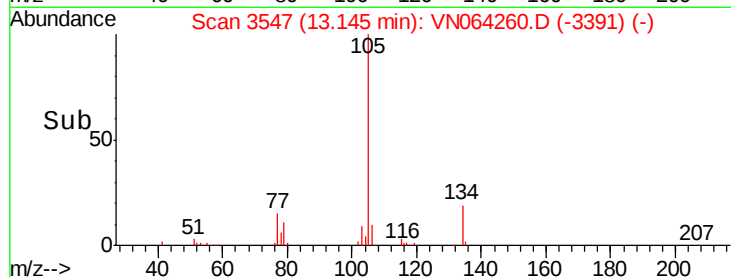
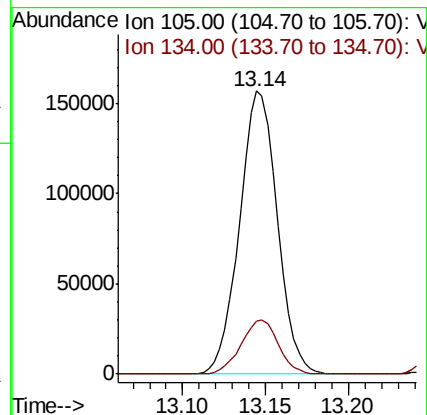
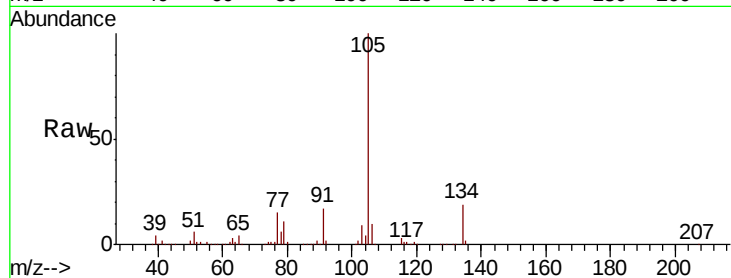
VN1022WBS01

Tot Ion:105 Resp: 248398

Ion Ratio Lower Upper

105 100

134 19.0 0.0 38.4



#82

p-Isopropyltoluene

Concen: 18.574 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

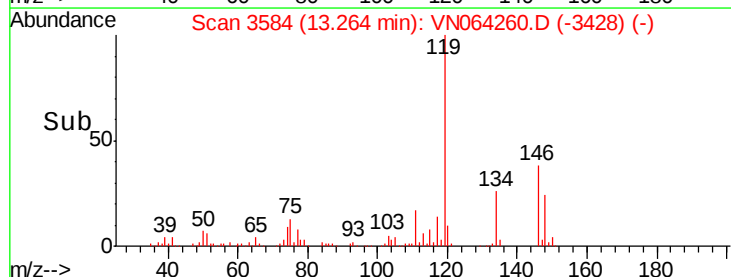
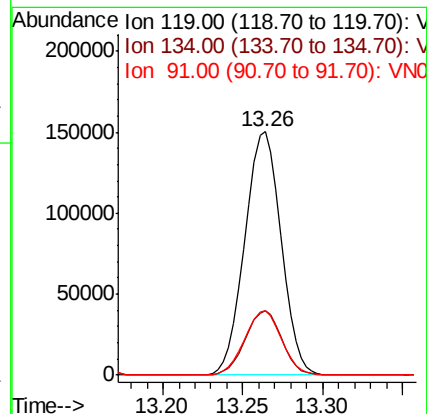
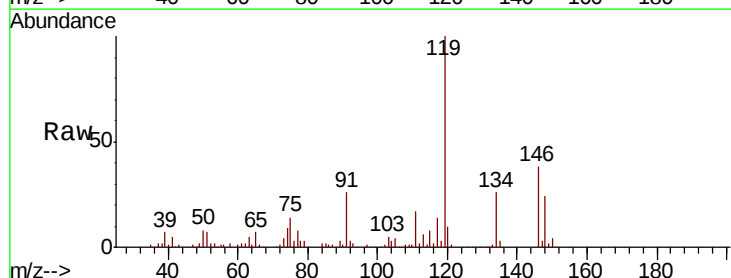
Tgt Ion:119 Resp: 232700

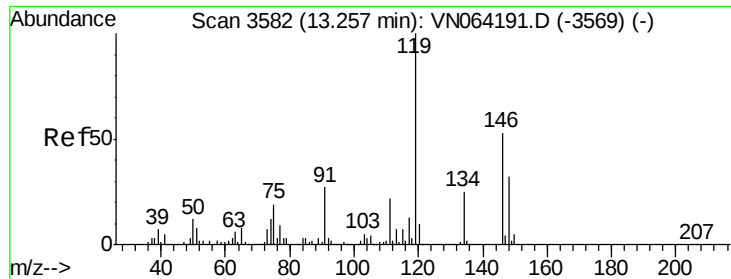
Ion Ratio Lower Upper

119 100

134 26.6 0.0 51.4

91 26.9 0.0 52.8

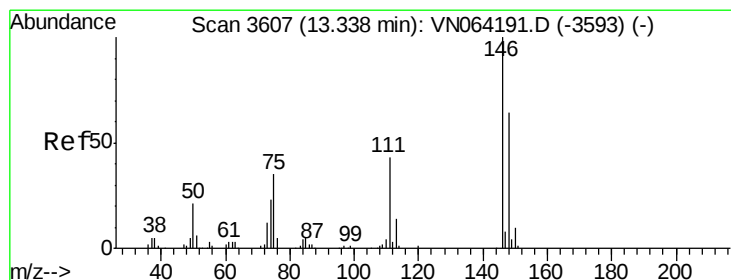
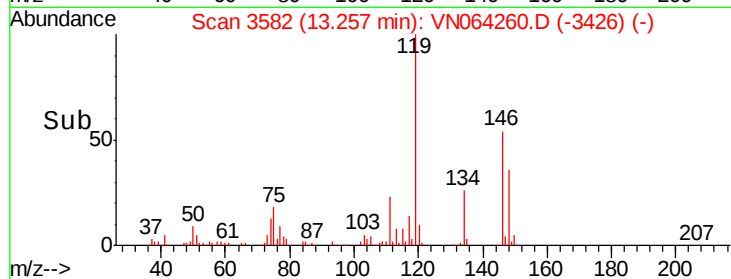
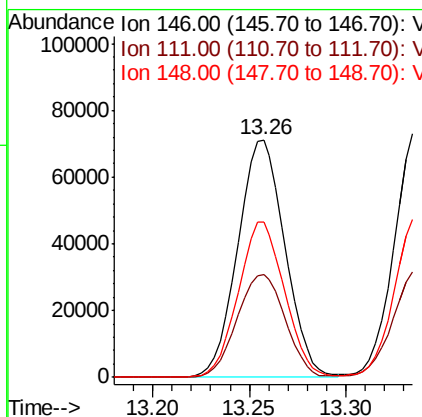
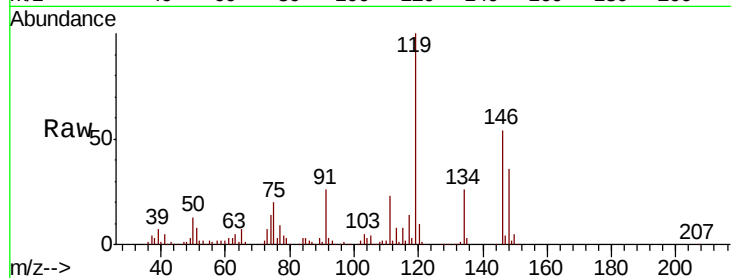




#83
 1,3-Dichlorobenzene
 Concen: 18.642 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

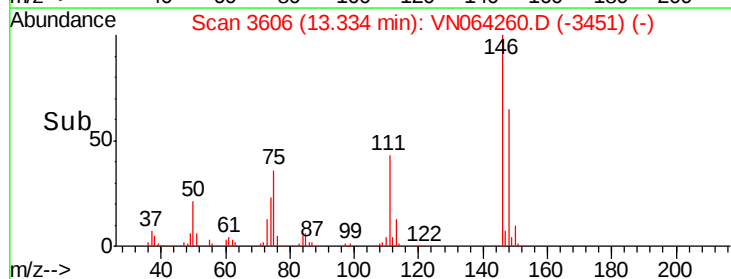
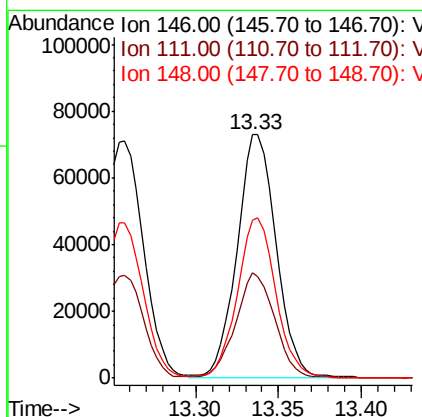
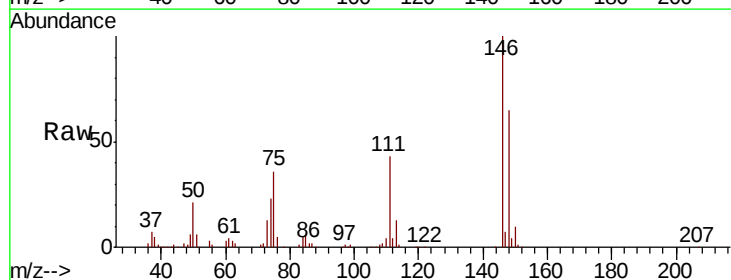
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

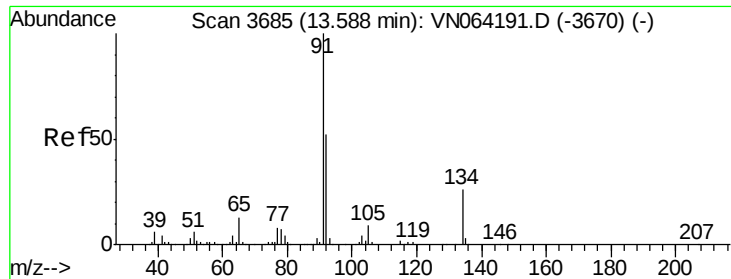
Tot Ion:146 Resp: 120504
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.4
 148 64.2 31.4 94.2



#84
 1,4-Dichlorobenzene
 Concen: 18.546 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Tgt Ion:146 Resp: 120028
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.9 62.8
 148 64.4 30.9 92.7

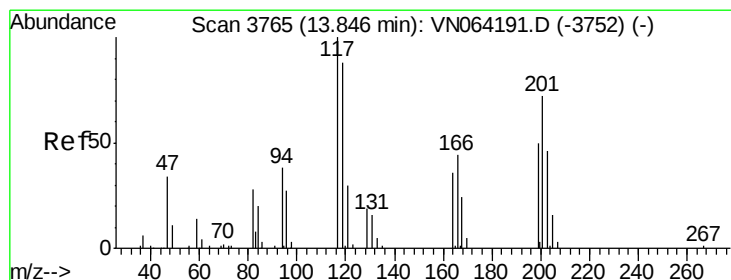
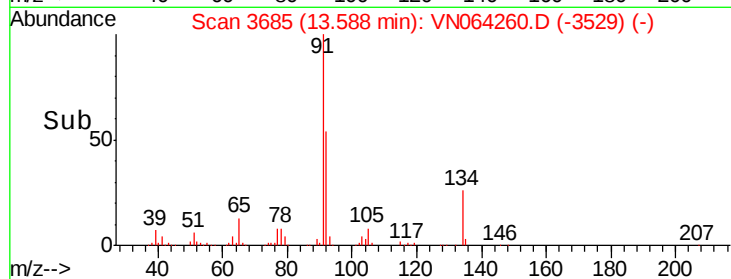
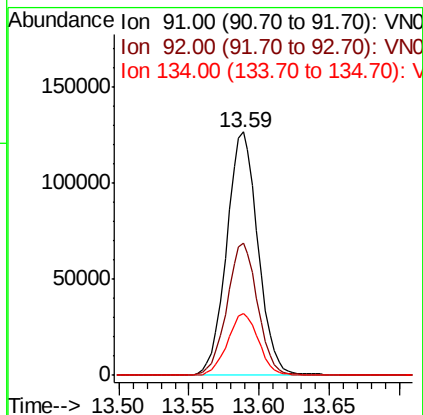
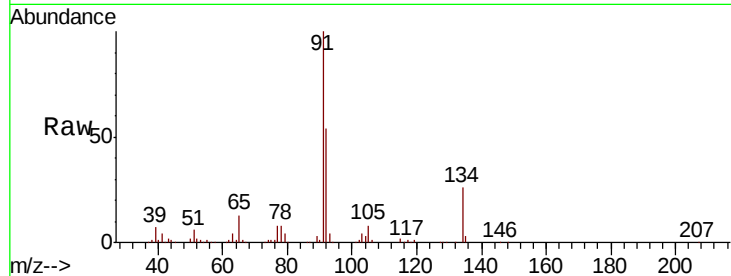




#85
n-Butylbenzene
Concen: 17.699 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

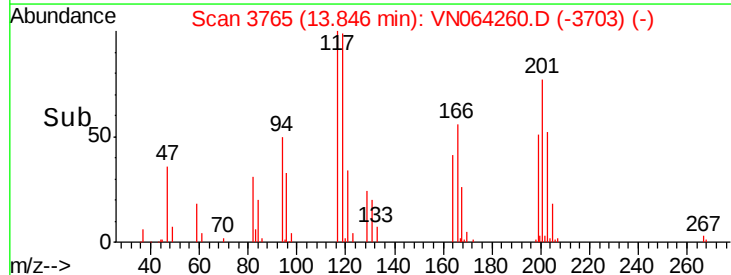
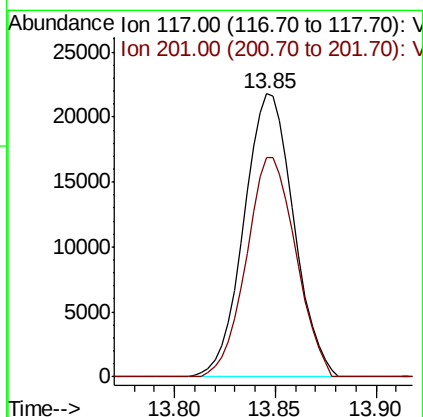
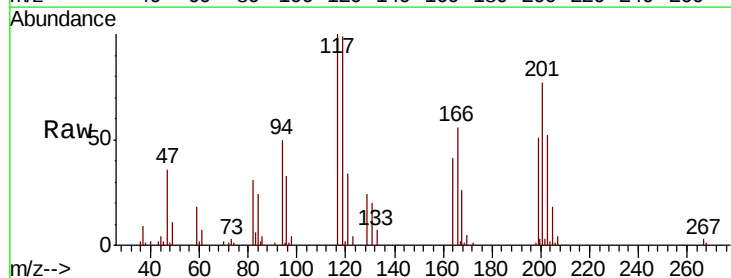
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS01

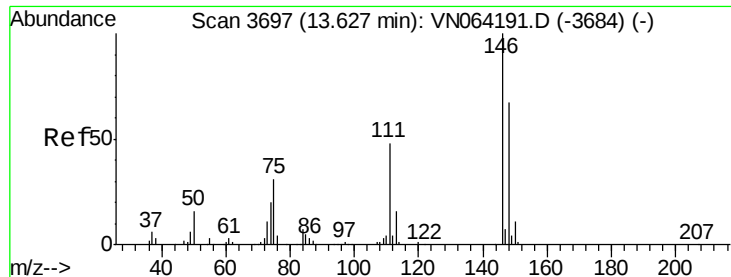
Tot Ion: 91 Resp: 196835
Ion Ratio Lower Upper
91 100
92 53.2 0.0 104.8
134 25.3 0.0 49.8



#86
Hexachloroethane
Concen: 17.429 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064260.D
Acq: 22 Oct 2020 19:17

Tgt Ion: 117 Resp: 37591
Ion Ratio Lower Upper
117 100
201 76.9 37.5 112.3





#87

1,2-Dichlorobenzene

Concen: 19.000 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

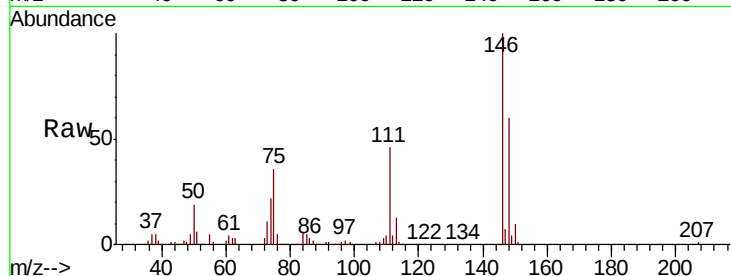
Tot Ion:146 Resp: 119779

Ion Ratio Lower Upper

146 100

111 45.9 22.6 67.8

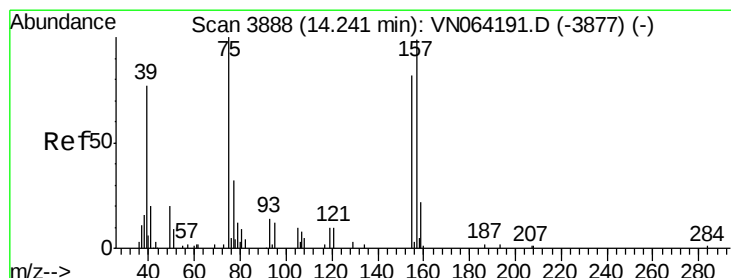
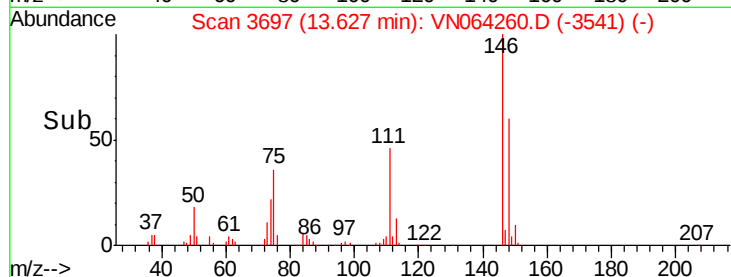
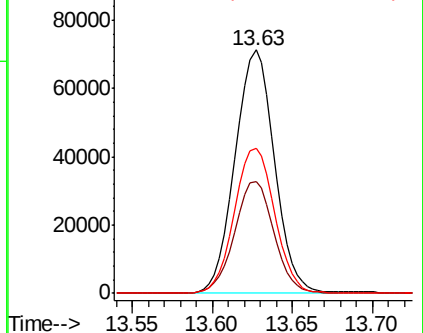
148 61.0 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.046 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

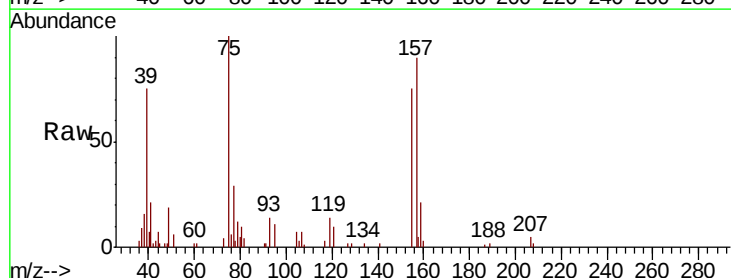
Tgt Ion: 75 Resp: 19769

Ion Ratio Lower Upper

75 100

155 72.2 61.1 91.7

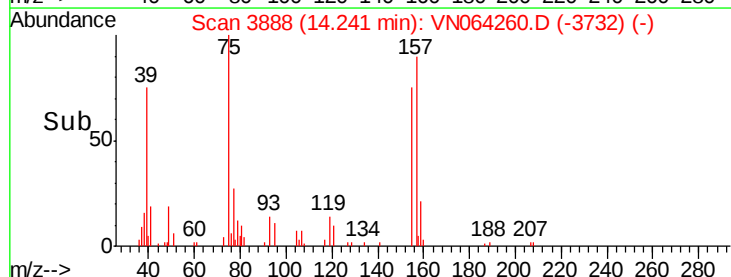
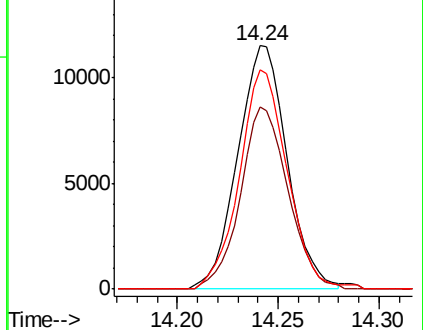
157 87.1 76.5 114.7

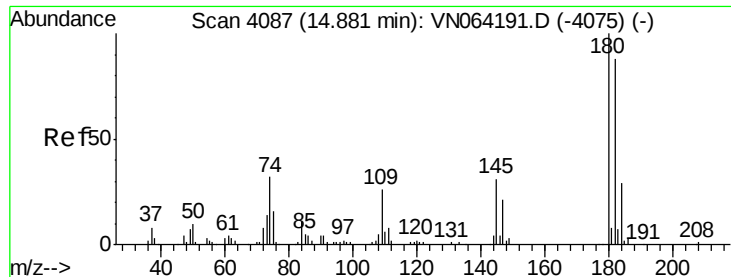


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

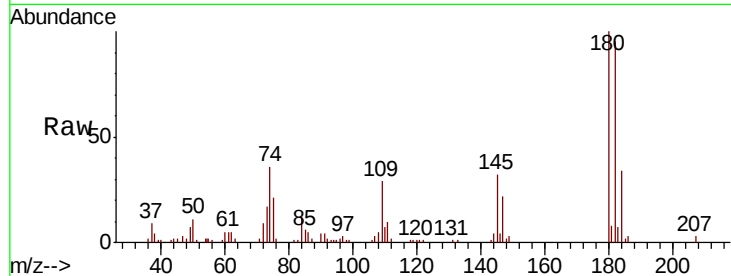




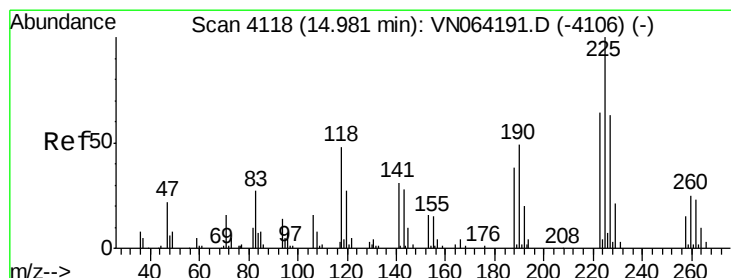
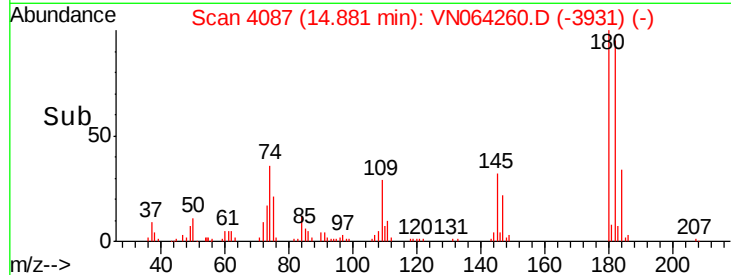
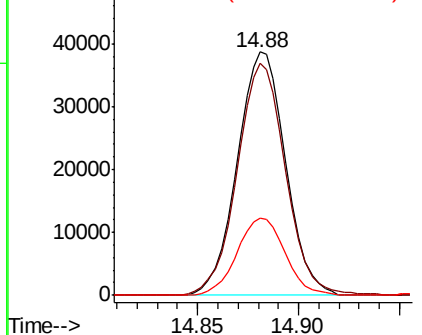
#89
 1,2,4-Trichlorobenzene
 Concen: 17.150 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS01

Tot Ion:180 Resp: 64922
 Ion Ratio Lower Upper
 180 100
 182 95.2 73.0 109.4
 145 31.6 24.3 36.5

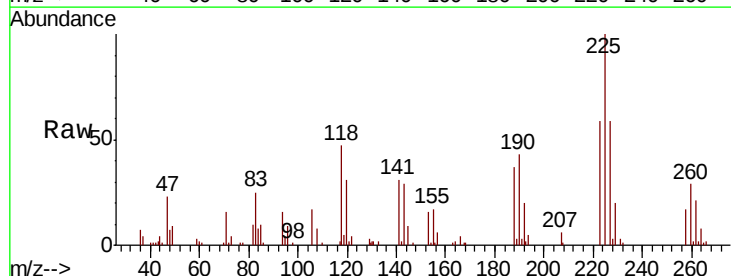


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

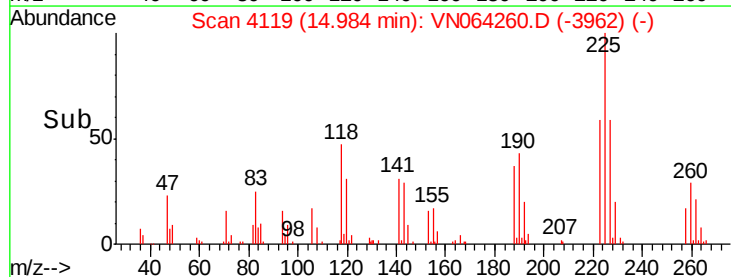
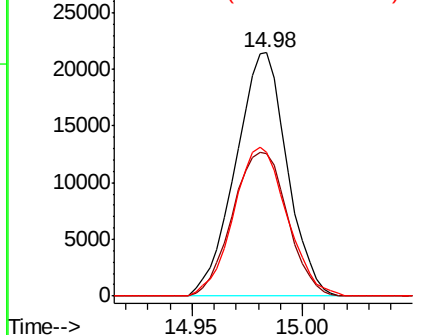


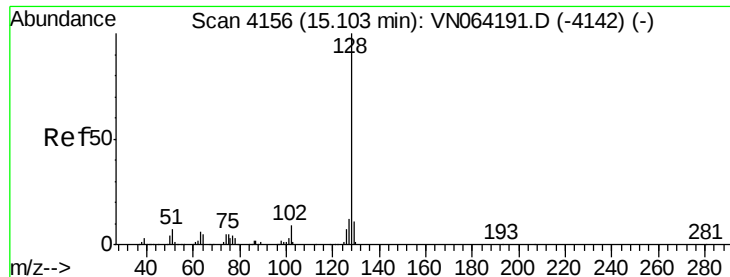
#90
 Hexachlorobutadiene
 Concen: 18.193 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064260.D
 Acq: 22 Oct 2020 19:17

Tgt Ion:225 Resp: 34910
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 127.0
 227 63.4 0.0 129.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 17.486 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS01

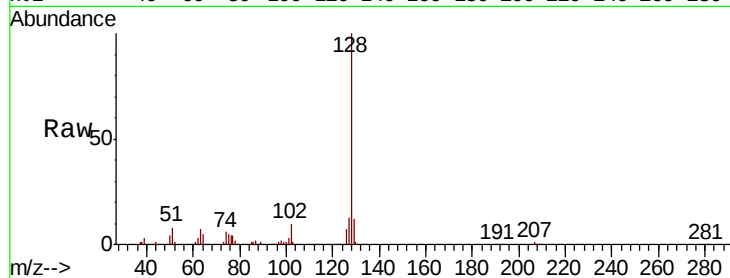
Tot Ion:128 Resp: 200652

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.9 8.7 13.1

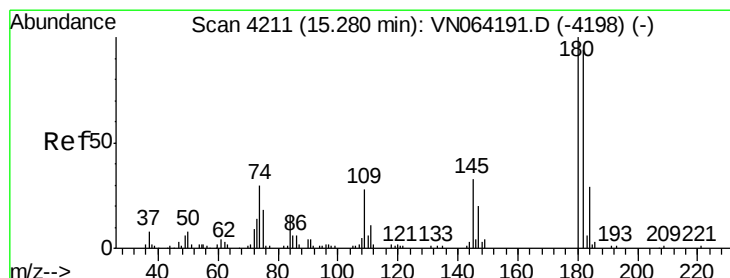
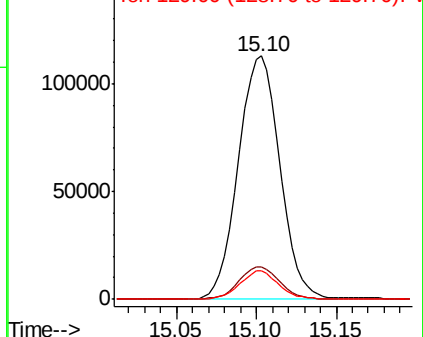
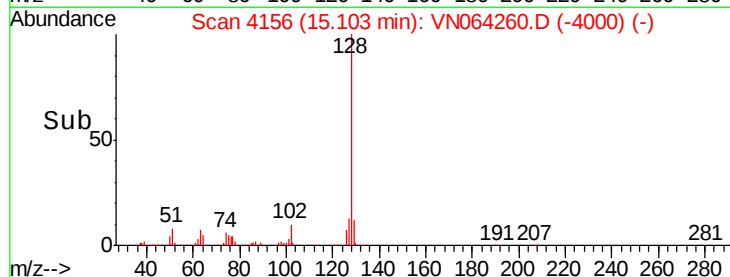


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.264 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064260.D

Acq: 22 Oct 2020 19:17

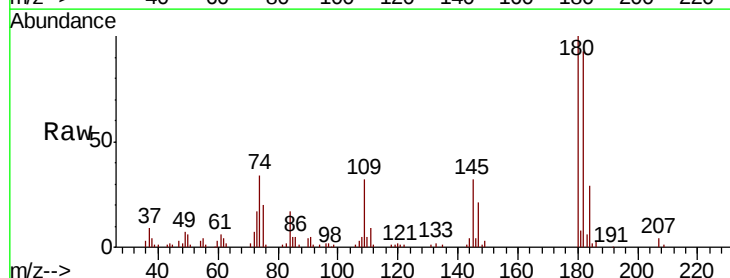
Tgt Ion:180 Resp: 66122

Ion Ratio Lower Upper

180 100

182 92.5 0.0 190.0

145 32.9 0.0 66.6



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

