

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064368.D
 Acq On : 29 Oct 2020 12:59
 Operator : JC/MD
 Sample : VN1029WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Quant Time: Oct 30 05:30:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	249436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	197026	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.55	113	135515	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.06	98	474547	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.38	95	181450	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50456	17.597	ug/l	100
3) Chloromethane	2.04	50	55044	17.759	ug/l	98
4) Vinyl Chloride	2.16	62	55238	18.425	ug/l	99
5) Bromomethane	2.53	94	32524	16.789	ug/l	96
6) Chloroethane	2.67	64	33434	18.663	ug/l	91
7) Trichlorofluoromethane	2.98	101	93393	18.595	ug/l	99
8) Diethyl Ether	3.37	74	28876	18.174	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45766	18.130	ug/l	98
10) Methyl Iodide	3.91	142	50131	14.882	ug/l #	96
11) Tert butyl alcohol	4.73	59	53770	92.407	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	42824	17.970	ug/l	97
13) Acrolein	3.56	56	9017	84.038	ug/l	99
14) Allyl chloride	4.28	41	89091	18.309	ug/l	97
15) Acrylonitrile	4.93	53	121899	97.416	ug/l	98
16) Acetone	3.78	43	127288	88.396	ug/l	98
17) Carbon Disulfide	4.01	76	119800	16.991	ug/l	98
18) Methyl Acetate	4.28	43	56808	18.866	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	178039	19.445	ug/l	99
20) Methylene Chloride	4.50	84	53525	18.829	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	48176	18.122	ug/l	94
22) Diisopropyl ether	5.90	45	177478	18.660	ug/l	98
23) Vinyl Acetate	5.84	43	784020	97.435	ug/l	98
24) 1,1-Dichloroethane	5.79	63	99906	18.772	ug/l	97
25) 2-Butanone	6.78	43	183566	91.207	ug/l	100
26) 2,2-Dichloropropane	6.78	77	93607	17.971	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	56710	18.640	ug/l	98
28) Bromochloromethane	7.15	49	44554	17.571	ug/l	100
29) Tetrahydrofuran	7.16	42	113235	86.665	ug/l	96
30) Chloroform	7.33	83	104490	18.394	ug/l	97
31) Cyclohexane	7.61	56	76674	16.481	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	100650	18.451	ug/l	99
36) 1,1-Dichloropropene	7.75	75	73411	17.946	ug/l	99
37) Ethyl Acetate	6.88	43	80337	19.442	ug/l #	87
38) Carbon Tetrachloride	7.73	117	88914	18.748	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064368.D
 Acq On : 29 Oct 2020 12:59
 Operator : JC/MD
 Sample : VN1029WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Quant Time: Oct 30 05:30:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	60867	15.006	ug/l	99
40) Benzene	8.00	78	207080	18.186	ug/l	100
41) Methacrylonitrile	7.13	41	40818	19.900	ug/l #	81
42) 1,2-Dichloroethane	8.08	62	96302	19.579	ug/l	100
43) Isopropyl Acetate	8.13	43	137129	19.414	ug/l #	91
44) Trichloroethene	8.80	130	56683	19.003	ug/l	96
45) 1,2-Dichloropropane	9.08	63	57906	18.991	ug/l	94
46) Dibromomethane	9.17	93	40873	19.161	ug/l	98
47) Bromodichloromethane	9.37	83	86430	18.283	ug/l	95
48) Methyl methacrylate	9.16	41	69615	19.103	ug/l	95
49) 1,4-Dioxane	9.16	88	19434	361.804	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	397864	96.902	ug/l	99
52) Toluene	10.12	92	130426	18.152	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	93759	18.757	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	96997	18.851	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	53994	19.037	ug/l	94
56) Ethyl methacrylate	10.40	69	81118	18.894	ug/l	97
57) 1,3-Dichloropropane	10.68	76	94159	19.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	204402	87.244	ug/l	99
59) 2-Hexanone	10.72	43	279285	92.358	ug/l	100
60) Dibromochloromethane	10.87	129	63700	18.995	ug/l	95
61) 1,2-Dibromoethane	10.97	107	56659	19.606	ug/l	95
64) Tetrachloroethene	10.60	164	54752	18.281	ug/l	98
65) Chlorobenzene	11.41	112	144136	19.511	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	56195	18.820	ug/l	99
67) Ethyl Benzene	11.48	91	248363	18.083	ug/l	100
68) m/p-Xylenes	11.60	106	187492	36.836	ug/l	99
69) o-Xylene	11.92	106	90425	18.440	ug/l	96
70) Styrene	11.94	104	153040	19.035	ug/l	97
71) Bromoform	12.10	173	44590	19.027	ug/l #	95
73) Isopropylbenzene	12.22	105	236678	18.977	ug/l	97
74) N-amyl acetate	12.04	43	114363	20.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	73262	20.209	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	107941	27.068	ug/l #	100
77) Bromobenzene	12.50	156	59879	19.606	ug/l	99
78) n-propylbenzene	12.56	91	252429	17.877	ug/l	99
79) 2-Chlorotoluene	12.65	91	164165	18.188	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	190095	18.013	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27018	19.516	ug/l	94
82) 4-Chlorotoluene	12.75	91	175546	19.091	ug/l	99
83) tert-Butylbenzene	12.97	119	153037	17.672	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	200023	18.969	ug/l	98
85) sec-Butylbenzene	13.14	105	176736	15.771	ug/l	99
86) p-Isopropyltoluene	13.26	119	167832	16.624	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	100197	18.741	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	101345	18.611	ug/l	98
89) n-Butylbenzene	13.59	91	136600	15.359	ug/l	99
90) Hexachloroethane	13.85	117	31049	16.376	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	102309	19.247	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18026	20.039	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
Data File : VN064368.D
Acq On : 29 Oct 2020 12:59
Operator : JC/MD
Sample : VN1029WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Quant Time: Oct 30 05:30:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

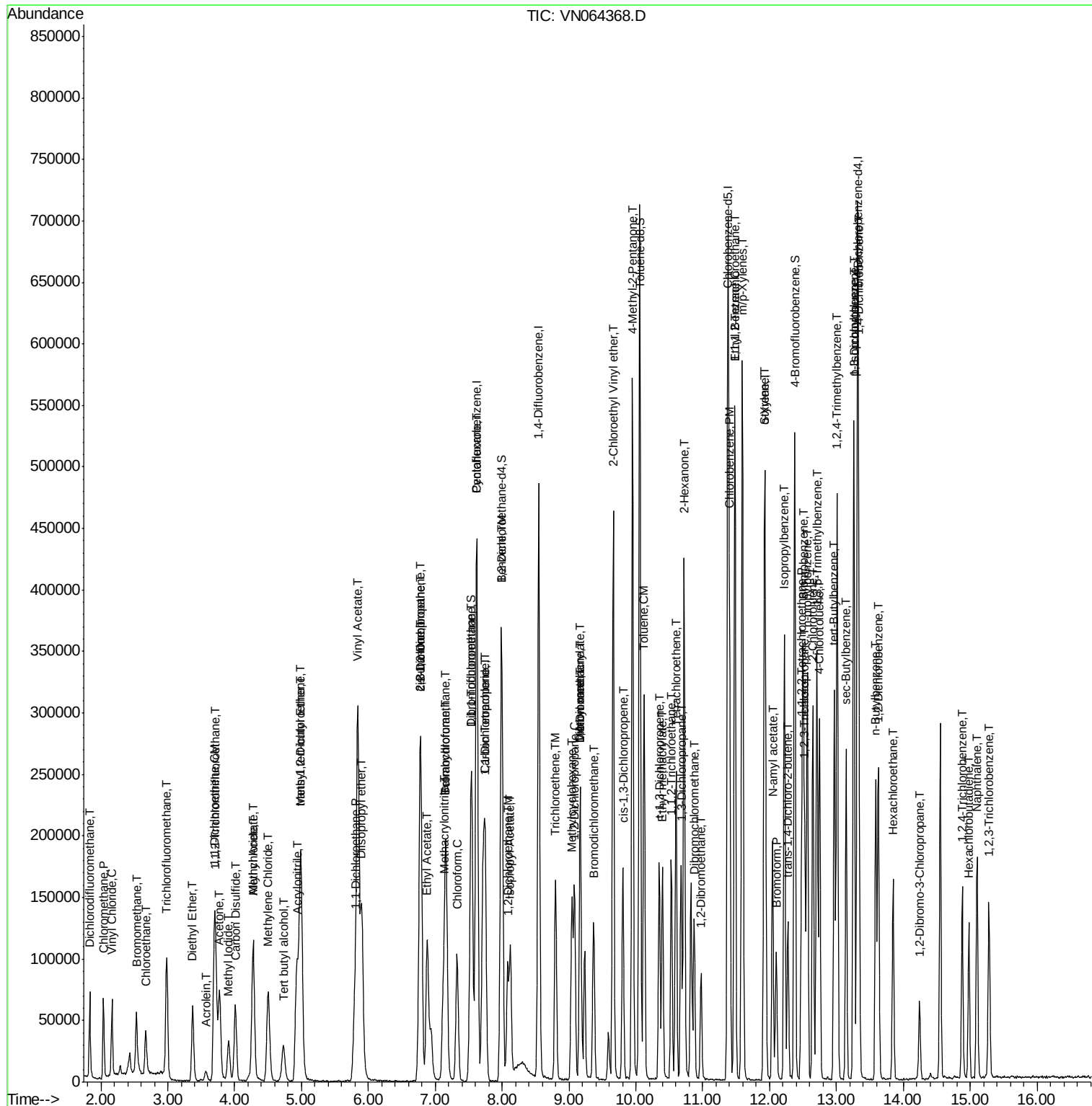
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	44943	16.136	ug/l	95
94) Hexachlorobutadiene	14.98	225	23567	14.448	ug/l	96
95) Naphthalene	15.10	128	150791	17.644	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	43001	16.148	ug/l	92

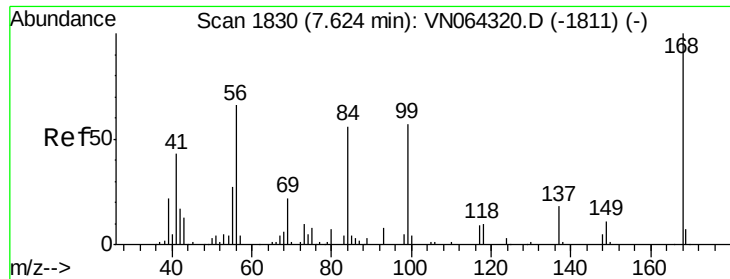
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102920\
Data File : VN064368.D
Acq On : 29 Oct 2020 12:59
Operator : JC/MD
Sample : VN1029WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Quant Time: Oct 30 05:30:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

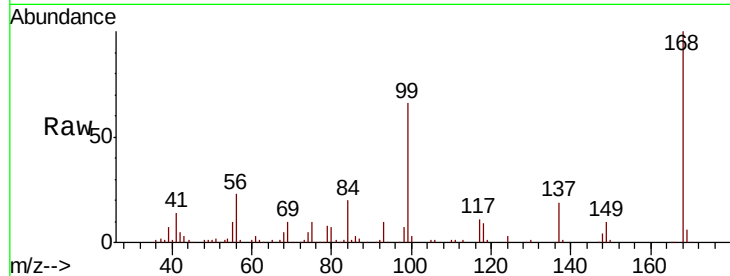
VN1029WBSD01

Tot Ion:168 Resp: 249436

Ion Ratio Lower Upper

168 100

99 66.0 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): VN064368.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN064368.D (-1737) (-)

7.62

100000

80000

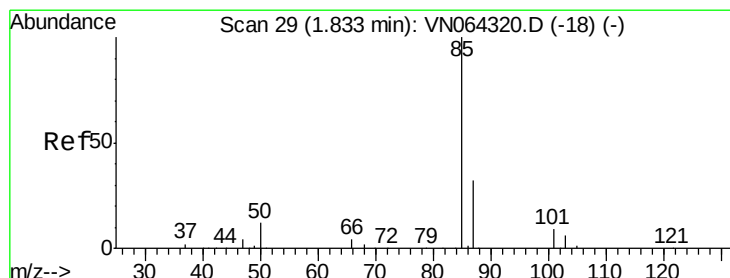
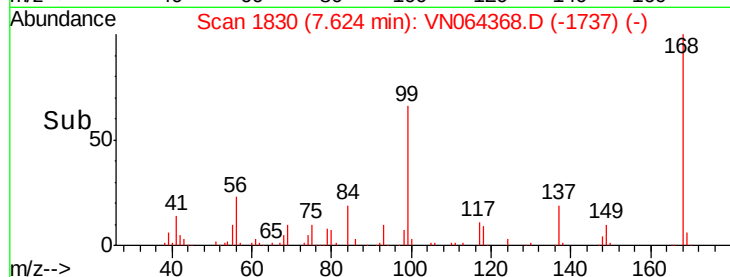
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.597 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064368.D

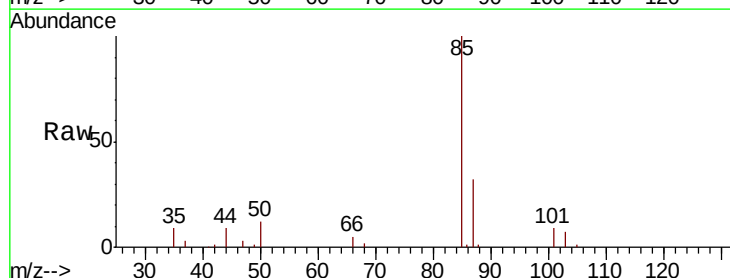
Acq: 29 Oct 2020 12:59

Tgt Ion: 85 Resp: 50456

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN064368.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN064368.D (-1) (-)

1.83

40000

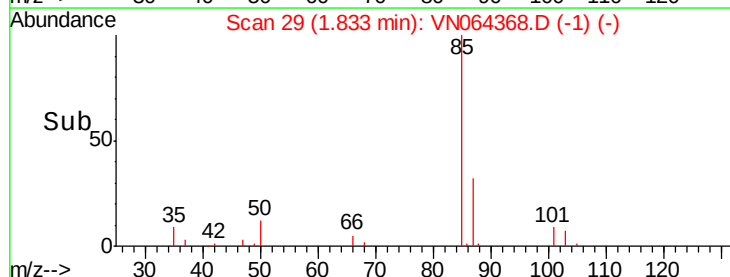
30000

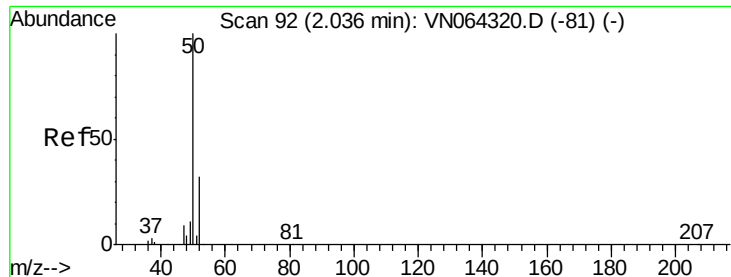
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.759 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

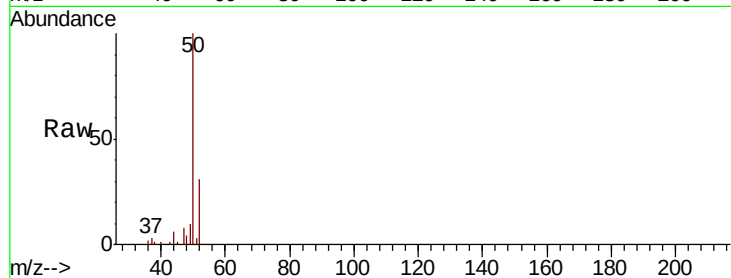
VN1029WBSD01

Tot Ion: 50 Resp: 55044

Ion Ratio Lower Upper

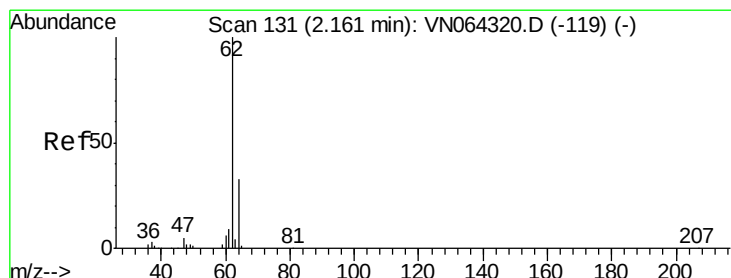
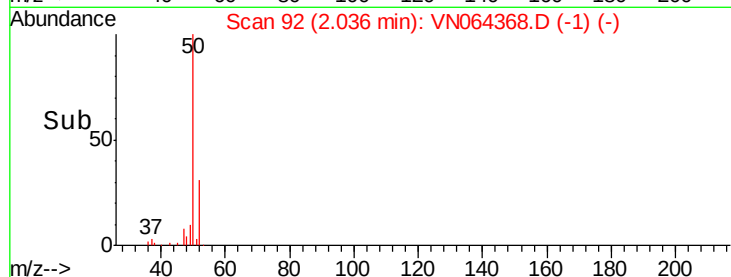
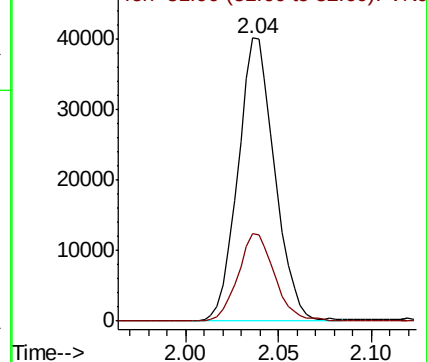
50 100

52 30.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.425 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064368.D

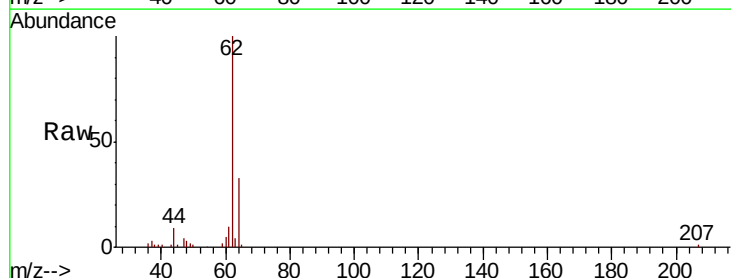
Acq: 29 Oct 2020 12:59

Tgt Ion: 62 Resp: 55238

Ion Ratio Lower Upper

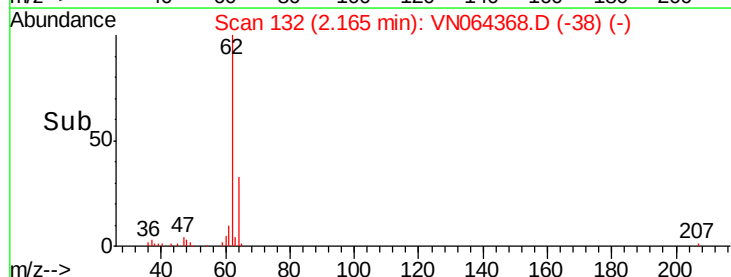
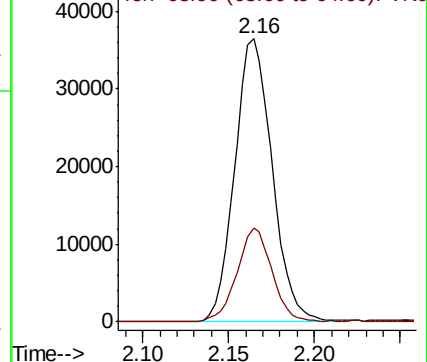
62 100

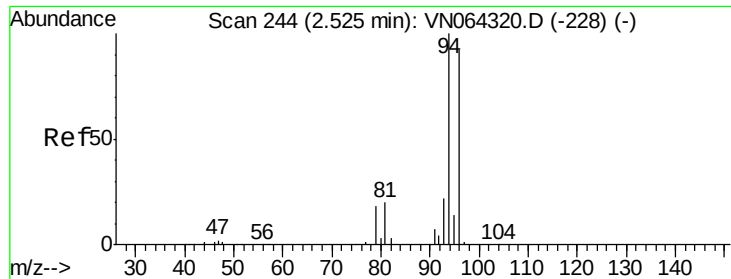
64 33.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 16.789 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

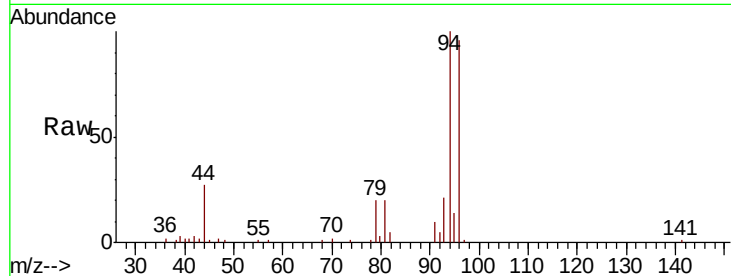
VN1029WBSD01

Tot Ion: 94 Resp: 32524

Ion Ratio Lower Upper

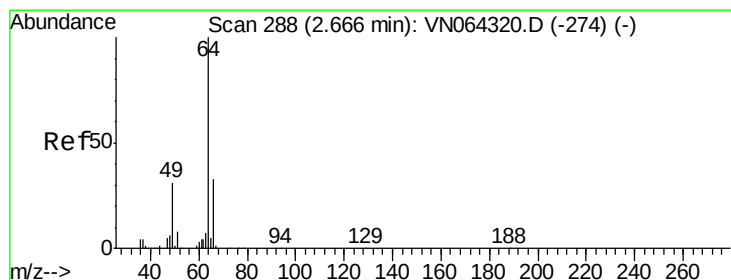
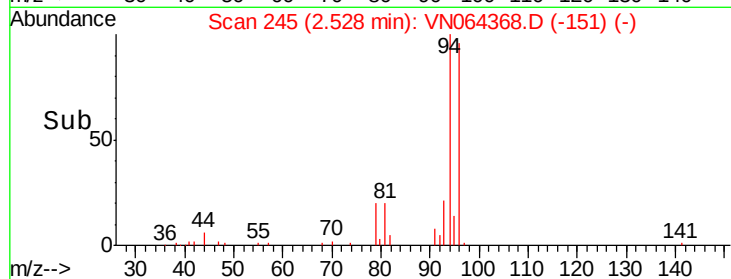
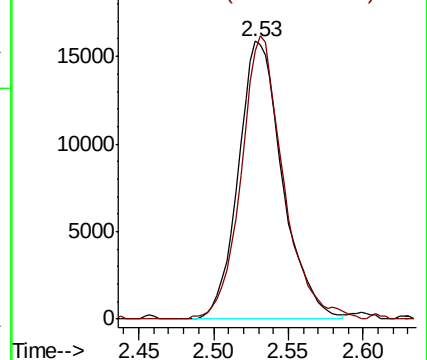
94 100

96 95.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.663 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064368.D

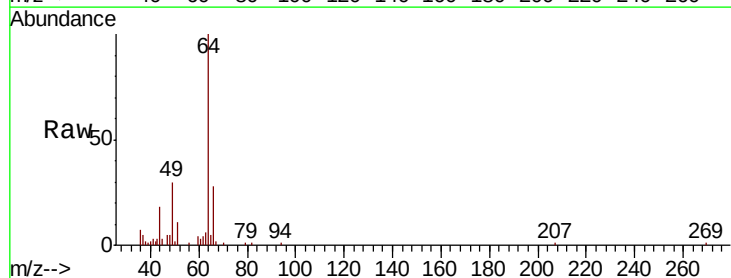
Acq: 29 Oct 2020 12:59

Tgt Ion: 64 Resp: 33434

Ion Ratio Lower Upper

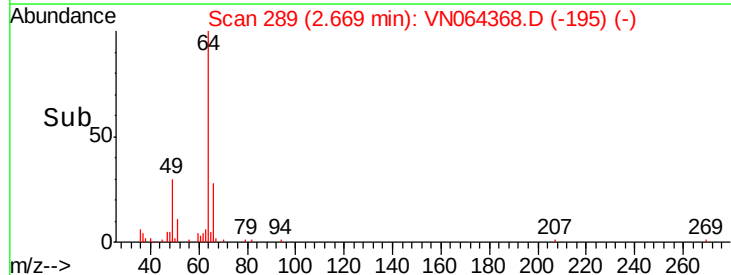
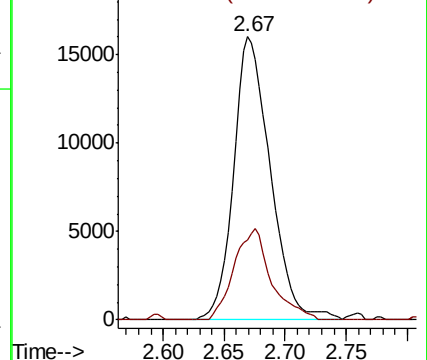
64 100

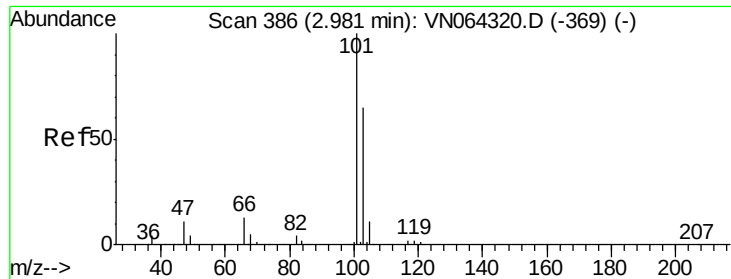
66 28.2 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



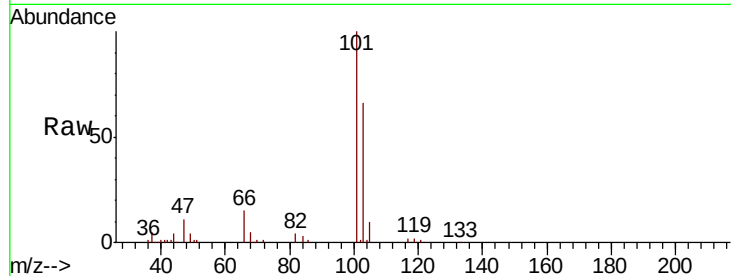


#7

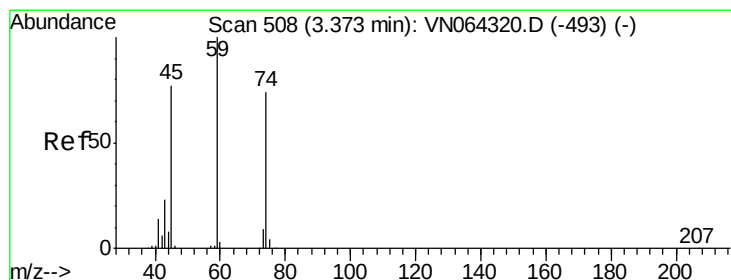
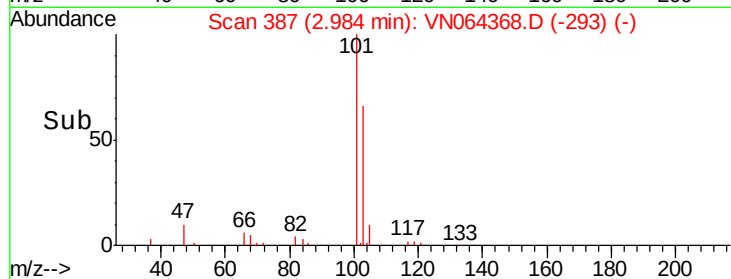
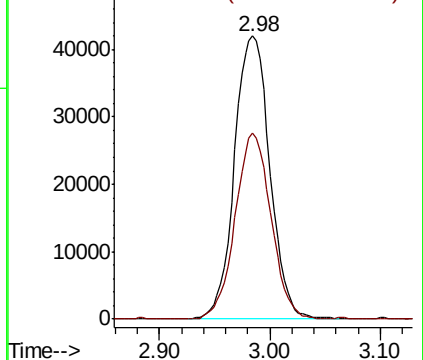
Trichlorofluoromethane
 Concen: 18.595 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Tot Ion:101 Resp: 93393
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.7 77.5



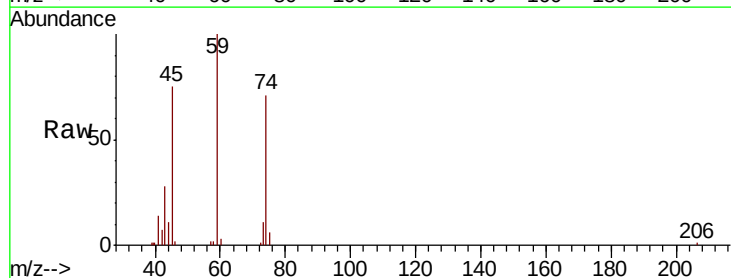
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



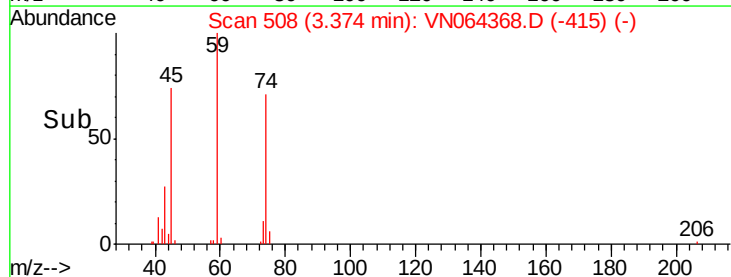
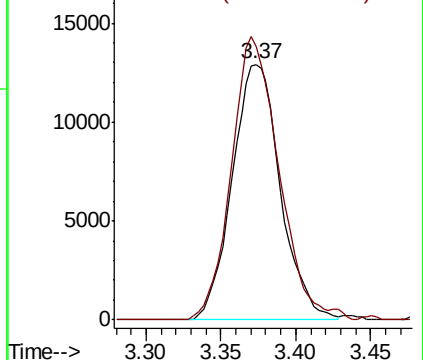
#8

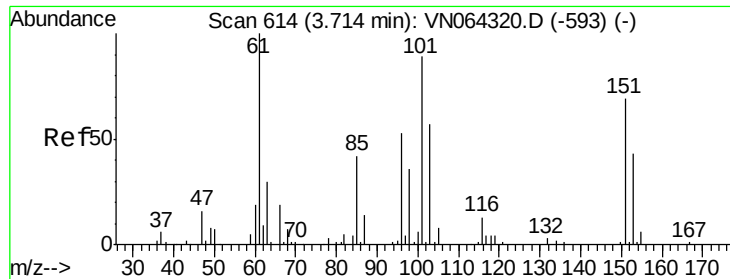
Diethyl Ether
 Concen: 18.174 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion: 74 Resp: 28876
 Ion Ratio Lower Upper
 74 100
 45 109.6 51.3 154.0



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.130 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

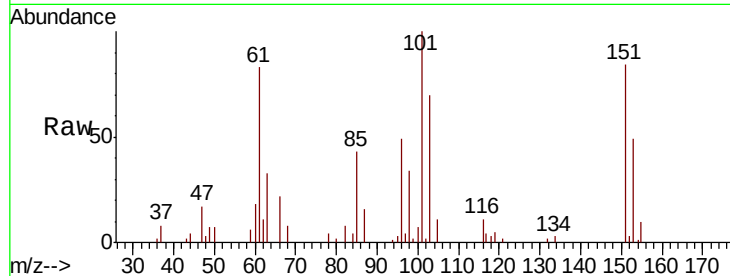
Tot Ion:101 Resp: 45766

Ion Ratio Lower Upper

101 100

85 47.6 38.4 57.6

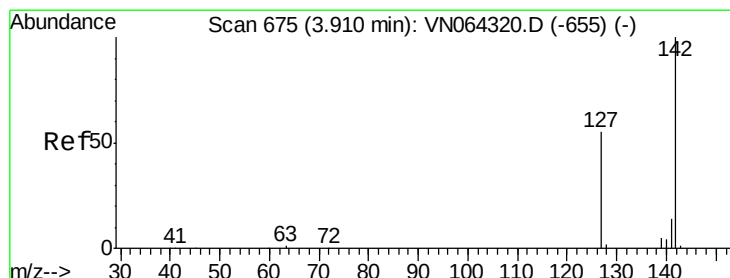
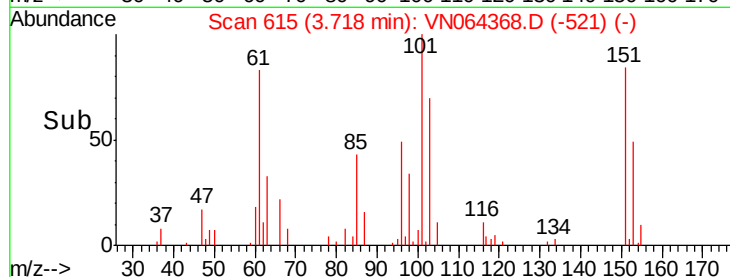
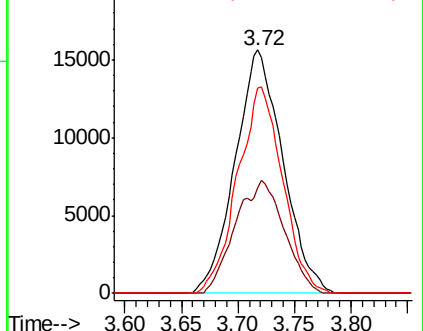
151 80.0 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.882 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

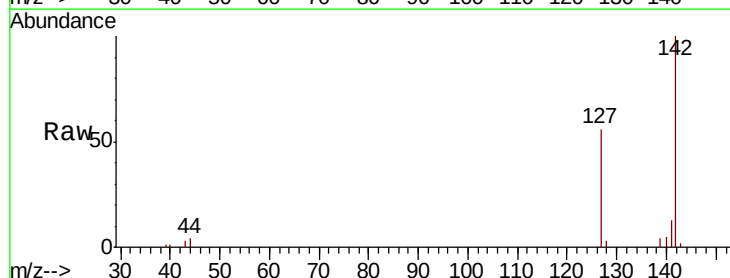
Tgt Ion:142 Resp: 50131

Ion Ratio Lower Upper

142 100

127 52.8 43.3 64.9

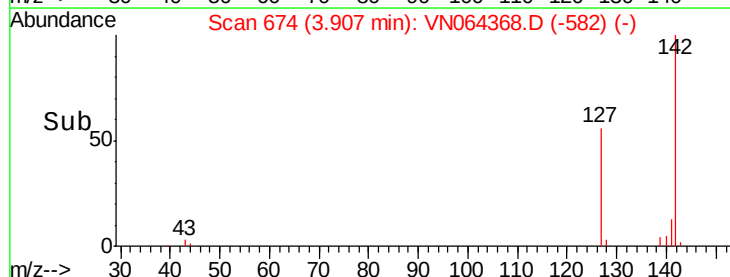
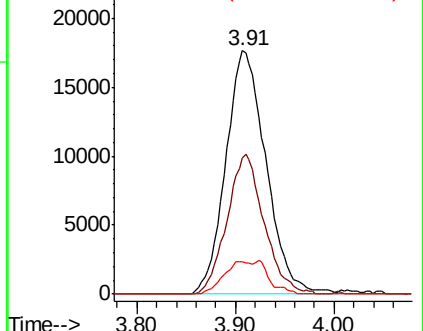
141 9.3 11.5 17.3#

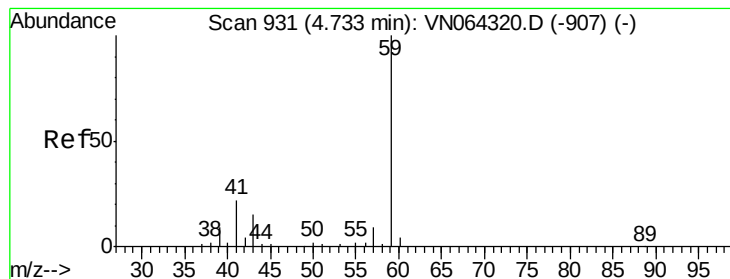


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.407 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

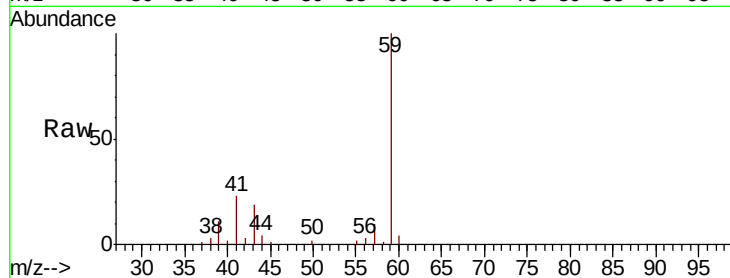
VN1029WBSD01

Tot Ion: 59 Resp: 53770

Ion Ratio Lower Upper

59 100

57 5.7 9.4 14.0#



Abundance Ion 59.00 (58.70 to 59.70): VN064320.D (-907) (-)

Ion 57.00 (56.70 to 57.70): VN064320.D (-907) (-)

4.73

15000

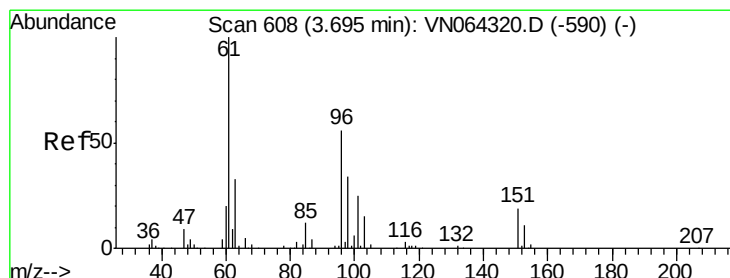
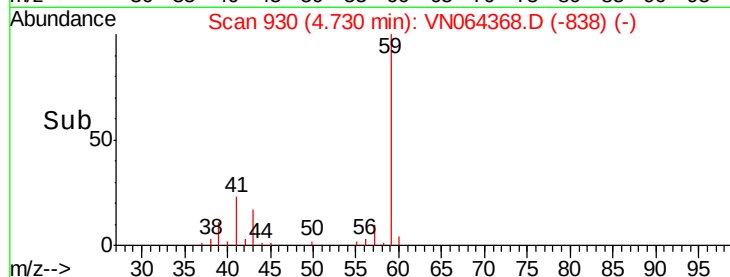
10000

5000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 17.970 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

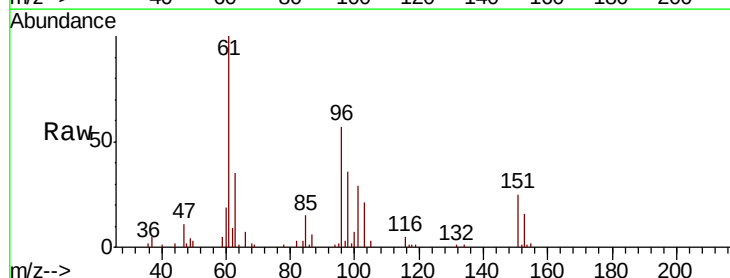
Tgt Ion: 96 Resp: 42824

Ion Ratio Lower Upper

96 100

61 176.8 143.6 215.4

98 64.1 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VN064320.D (-590) (-)

Ion 60.90 (60.60 to 61.60): VN064320.D (-590) (-)

Ion 97.90 (97.60 to 98.60): VN064320.D (-590) (-)

40000

30000

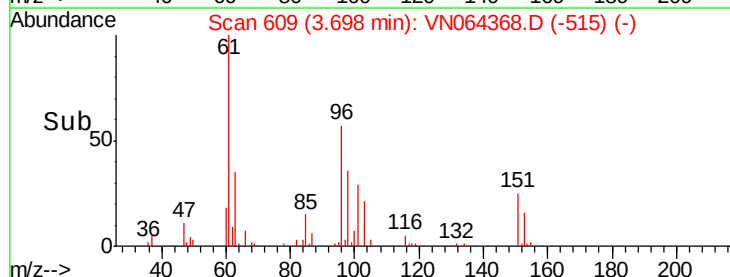
20000

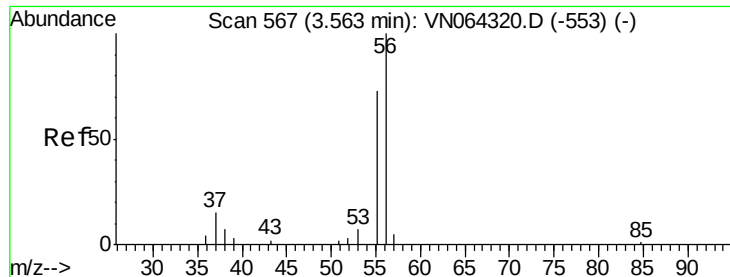
10000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 84.038 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

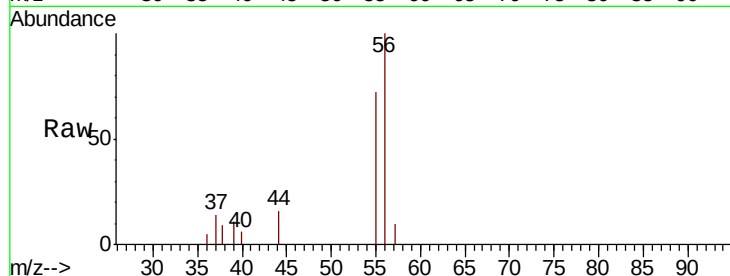
VN1029WBSD01

Tot Ion: 56 Resp: 9017

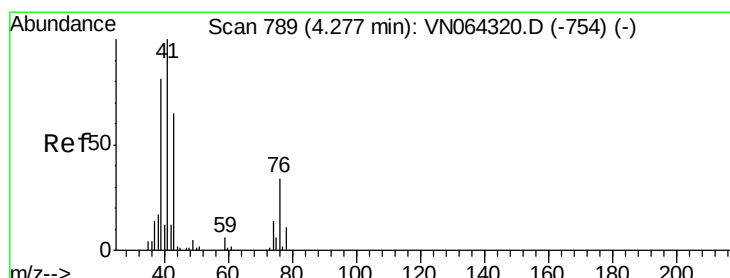
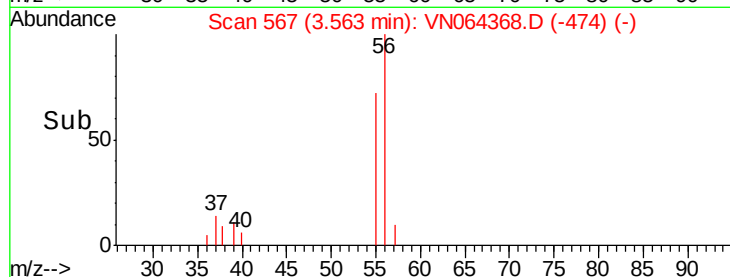
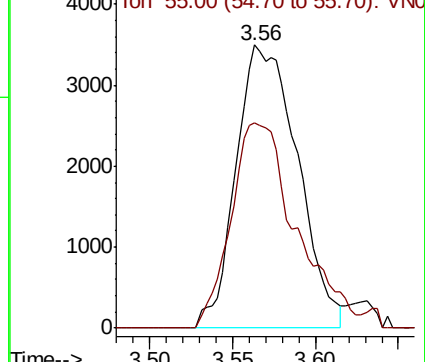
Ion Ratio Lower Upper

56 100

55 77.2 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VN064320.D (-553) (-)



#14

Allyl chloride

Concen: 18.309 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

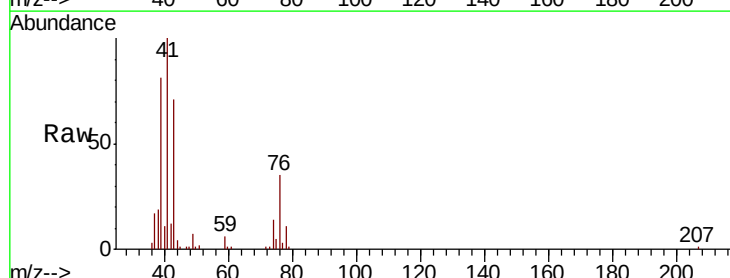
Tgt Ion: 41 Resp: 89091

Ion Ratio Lower Upper

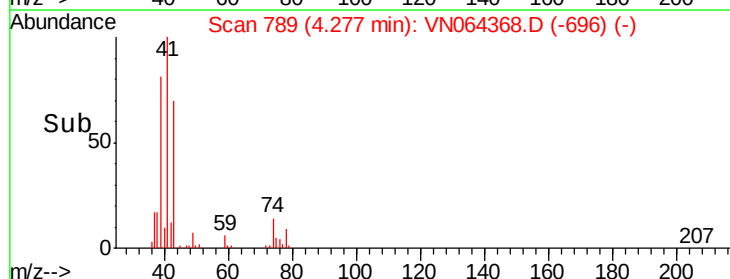
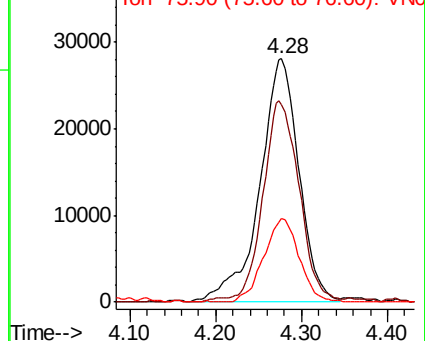
41 100

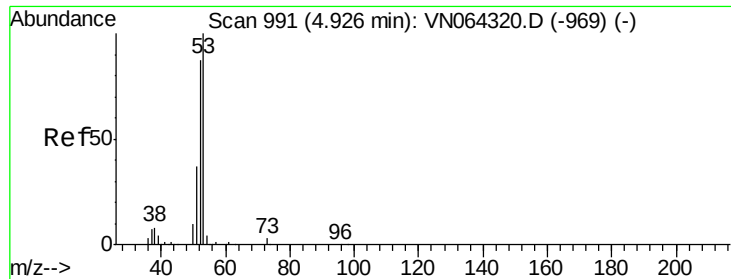
39 74.2 61.7 92.5

76 31.0 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN064320.D (-754) (-)





#15

Acrylonitrile

Concen: 97.416 ug/l

RT: 4.93 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleID :

VN1029WBSD01

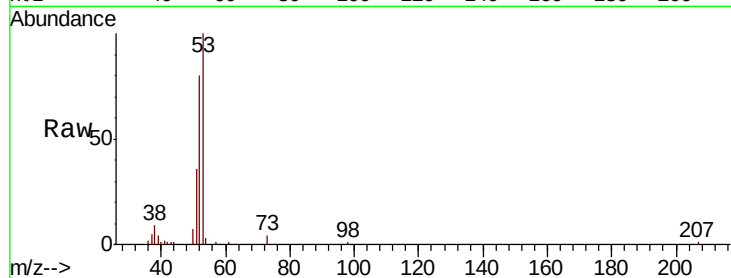
Tot Ion: 53 Resp: 121899

Ion Ratio Lower Upper

53 100

52 85.1 65.9 98.9

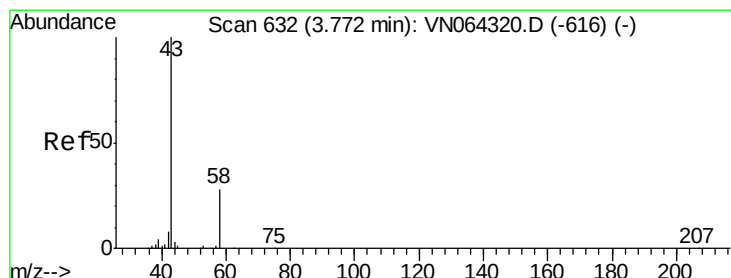
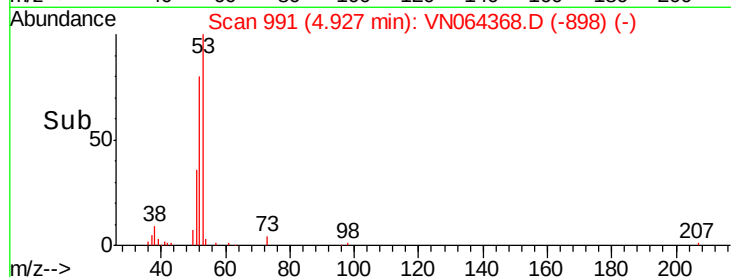
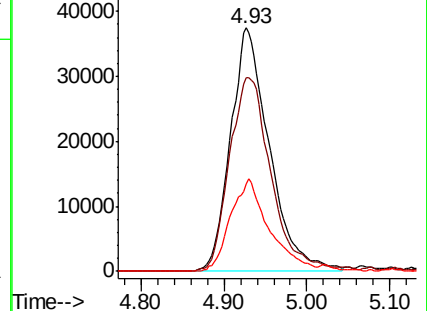
51 37.7 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN064320.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN064320.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN064320.D (-969) (-)



#16

Acetone

Concen: 88.396 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064368.D

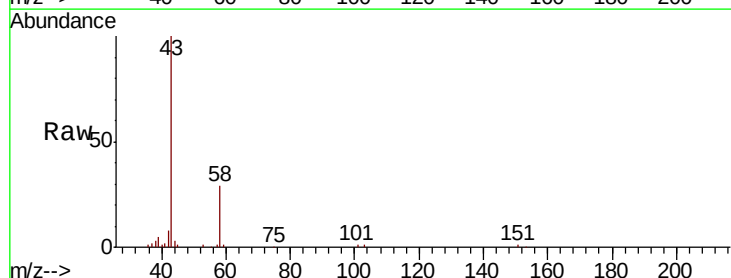
Acq: 29 Oct 2020 12:59

Tgt Ion: 43 Resp: 127288

Ion Ratio Lower Upper

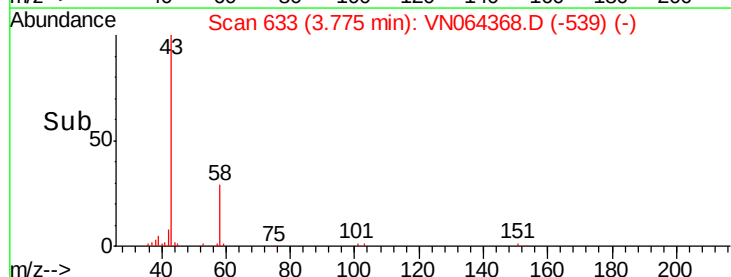
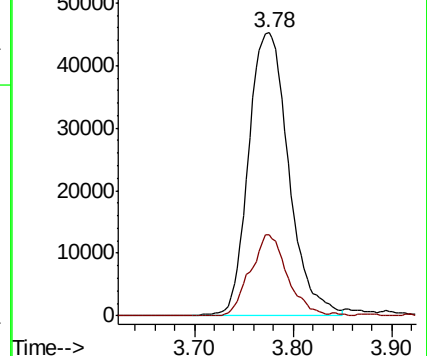
43 100

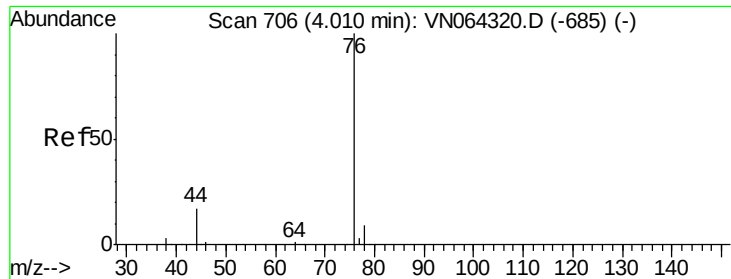
58 28.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-616) (-)

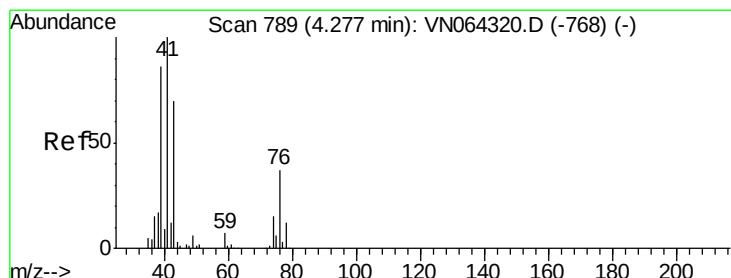
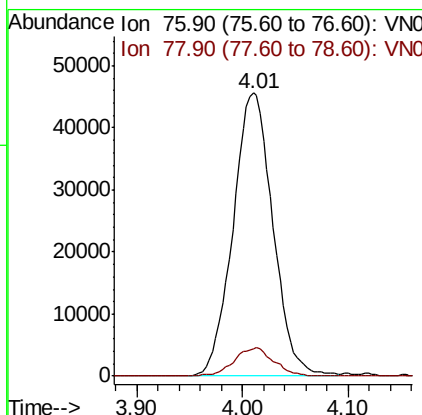
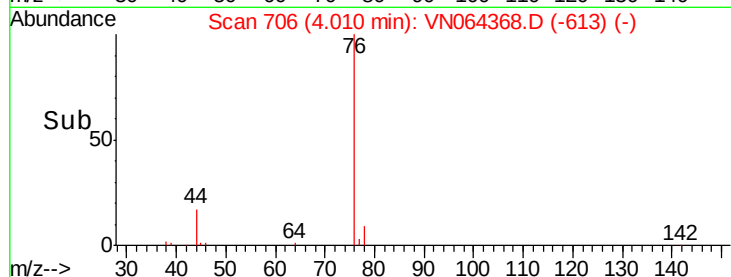
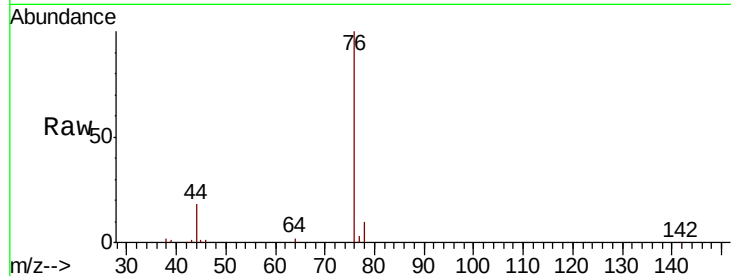




#17
Carbon Disulfide
Concen: 16.991 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

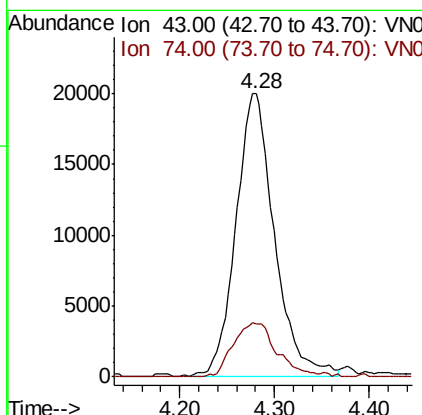
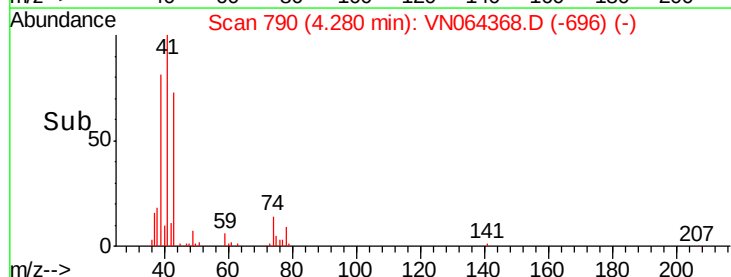
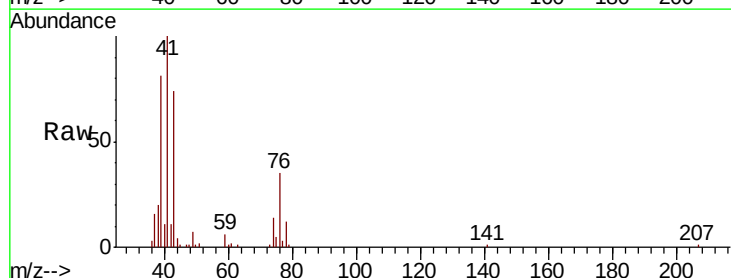
Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

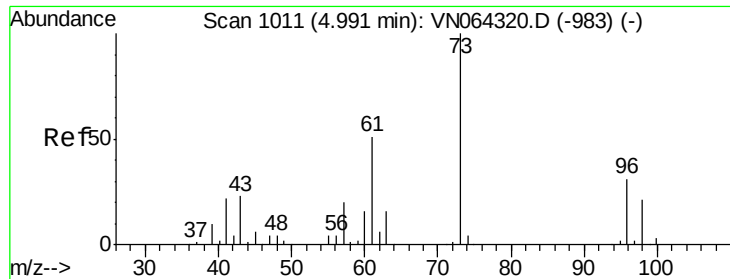
Tot Ion: 76 Resp: 119800
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 18.866 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion: 43 Resp: 56808
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1

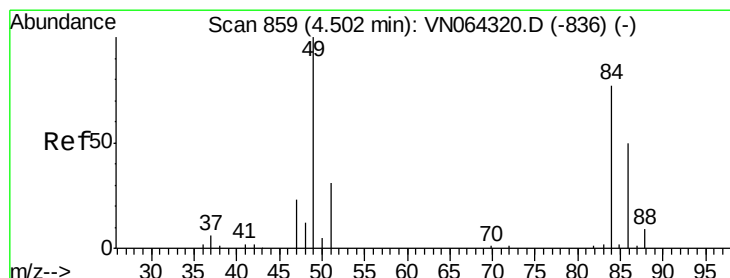
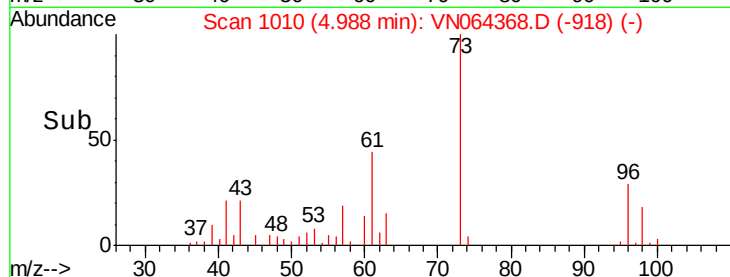
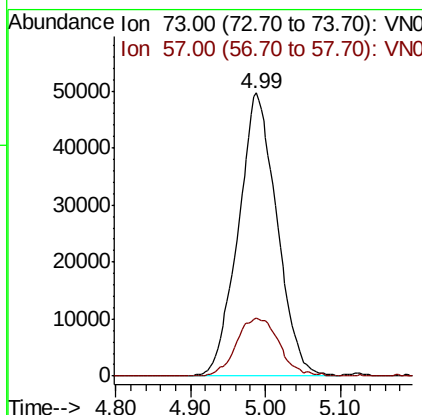
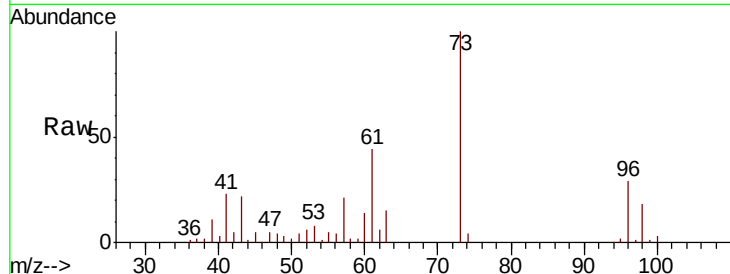




#19
Methyl tert-butyl Ether
Concen: 19.445 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

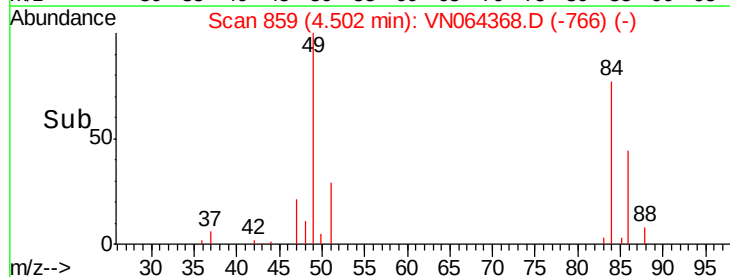
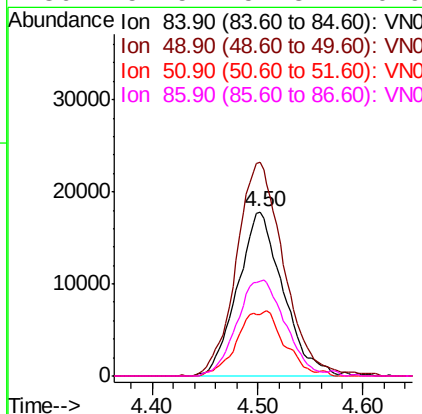
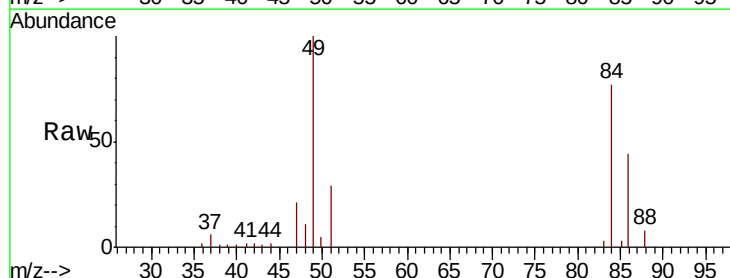
Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

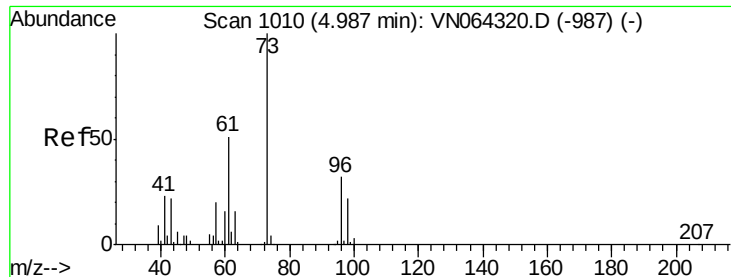
Tot Ion: 73 Resp: 178039
Ion Ratio Lower Upper
73 100
57 20.6 16.1 24.1



#20
Methylene Chloride
Concen: 18.829 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion: 84 Resp: 53525
Ion Ratio Lower Upper
84 100
49 130.2 103.6 155.4
51 37.8 31.8 47.8
86 57.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.122 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

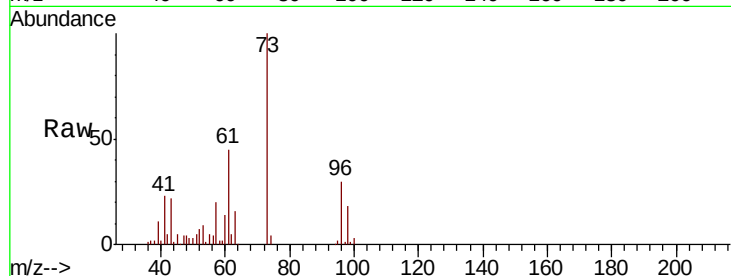
Tot Ion: 96 Resp: 48176

Ion Ratio Lower Upper

96 100

61 153.7 128.2 192.2

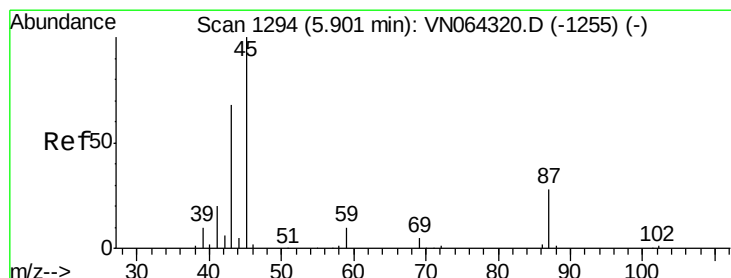
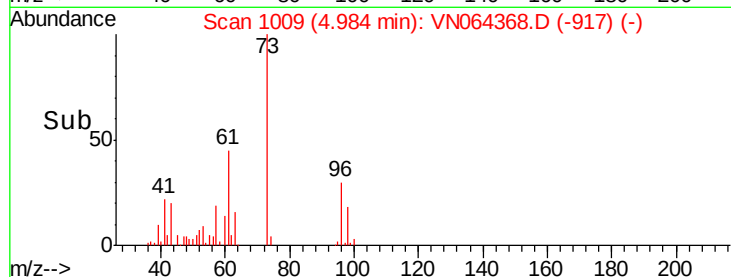
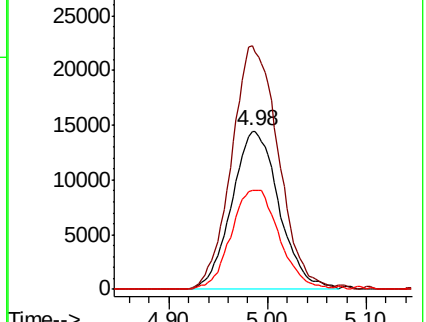
98 62.3 56.1 84.1



Abundance Ion 95.90 (95.60 to 96.60): VN064368.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064368.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064368.D (-917) (-)



#22

Diisopropyl ether

Concen: 18.660 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Tgt Ion: 45 Resp: 177478

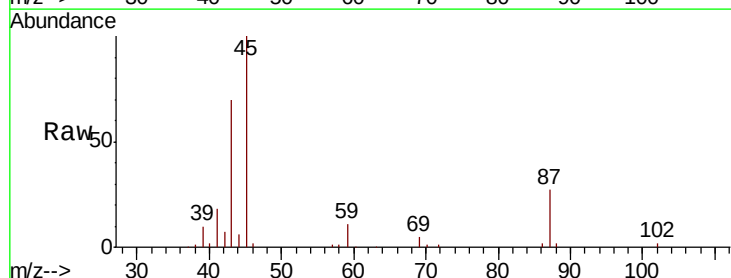
Ion Ratio Lower Upper

45 100

43 66.8 54.6 82.0

87 27.3 22.6 33.8

59 11.2 8.6 12.8

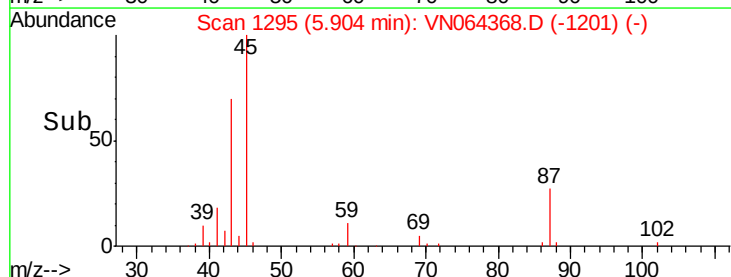
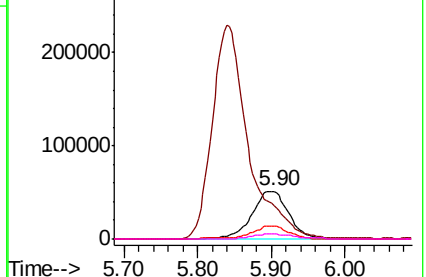


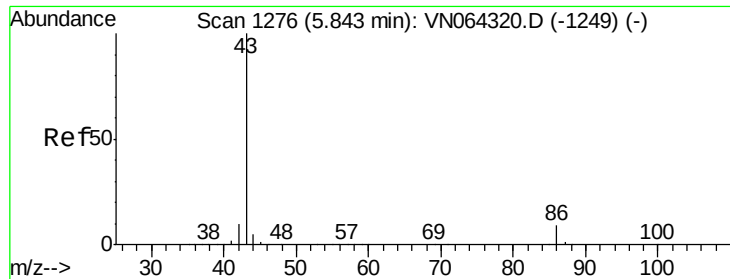
Abundance Ion 45.00 (44.70 to 45.70): VN064368.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN064368.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN064368.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN064368.D (-1201) (-)

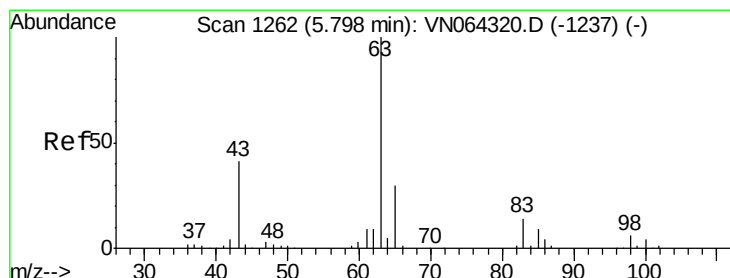
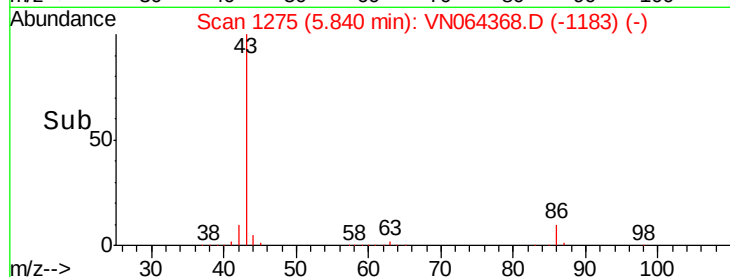
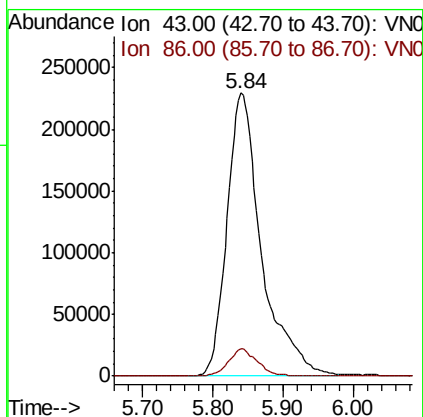
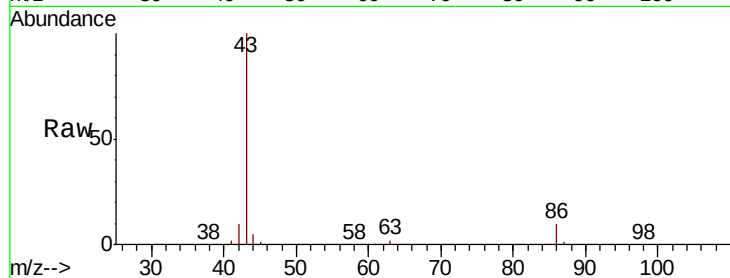




#23
 Vinyl Acetate
 Concen: 97.435 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

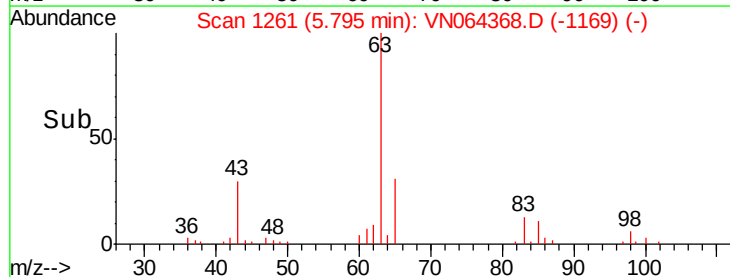
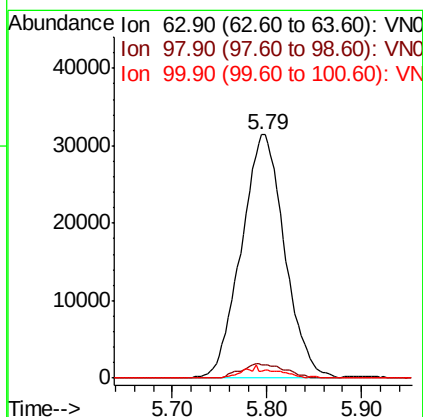
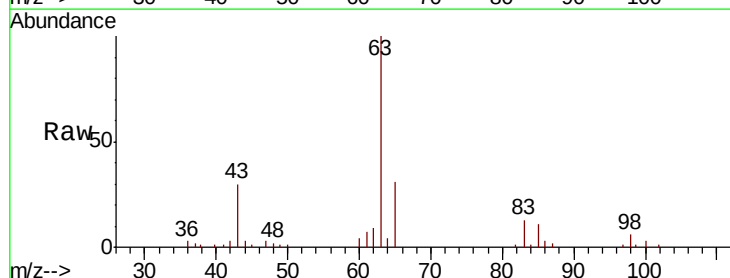
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

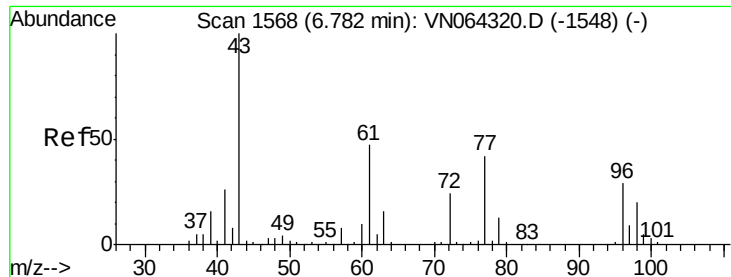
Tot Ion: 43 Resp: 784020
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.772 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion: 63 Resp: 99906
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.4
 100 2.9 2.0 5.8





#25

2-Butanone

Concen: 91.207 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

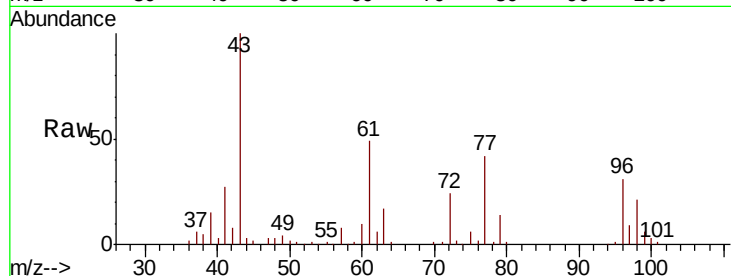
VN1029WBSD01

Tot Ion: 43 Resp: 183566

Ion Ratio Lower Upper

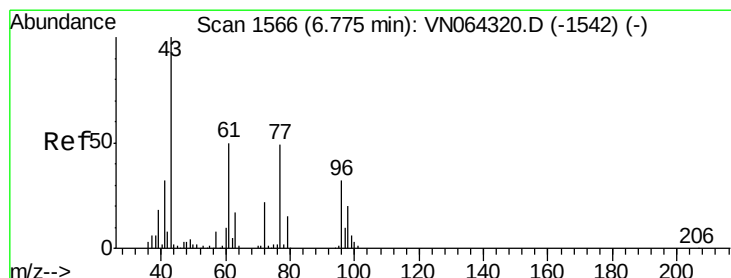
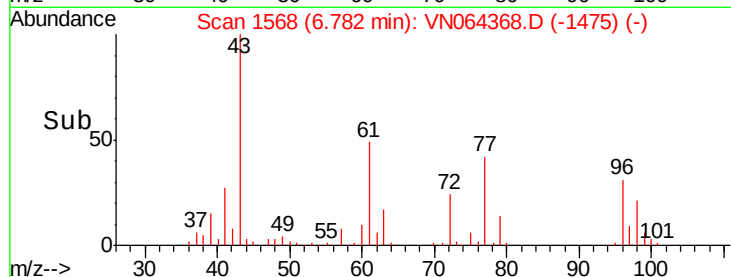
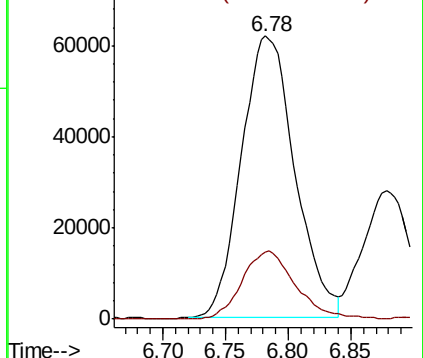
43 100

72 23.7 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.971 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064368.D

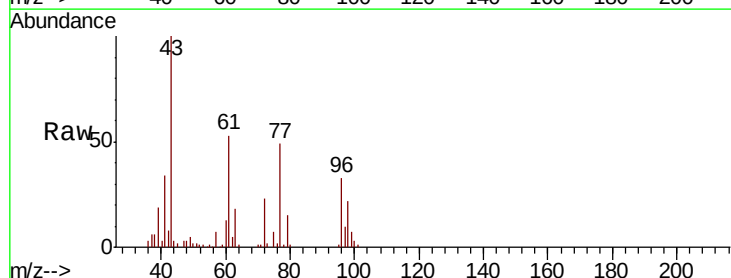
Acq: 29 Oct 2020 12:59

Tgt Ion: 77 Resp: 93607

Ion Ratio Lower Upper

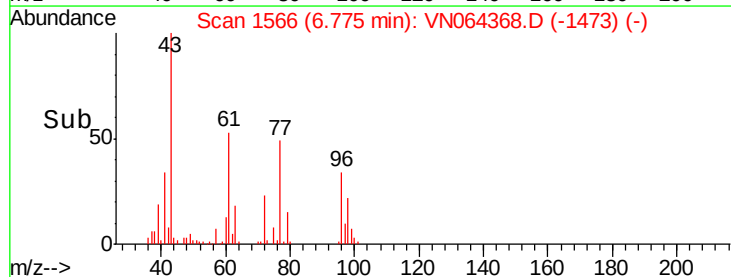
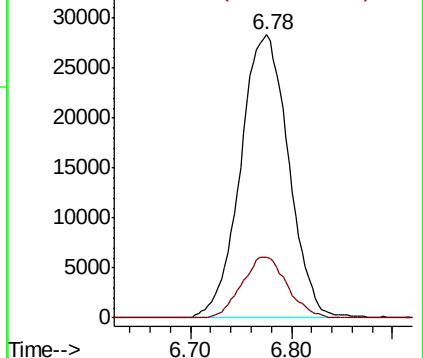
77 100

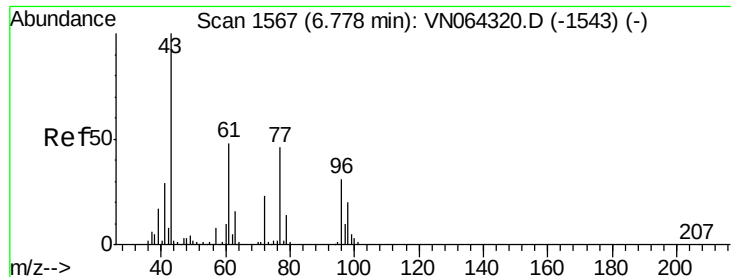
97 20.3 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.640 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

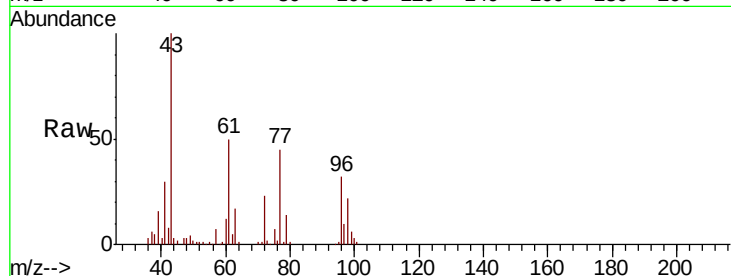
Tot Ion: 96 Resp: 56710

Ion Ratio Lower Upper

96 100

61 165.4 0.0 325.0

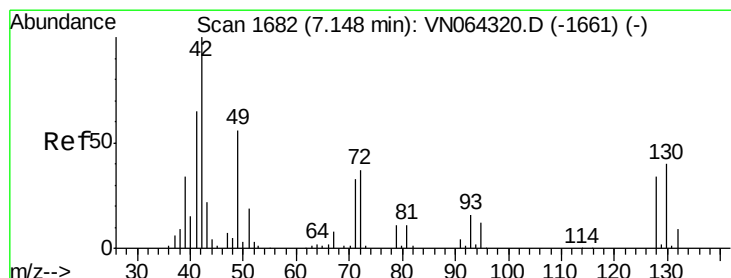
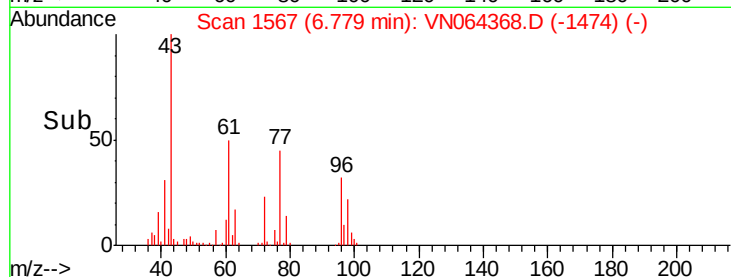
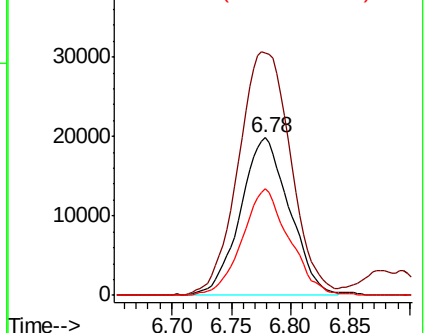
98 64.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN064320.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN064320.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN064320.D (-1543) (-)



#28

Bromochloromethane

Concen: 17.571 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

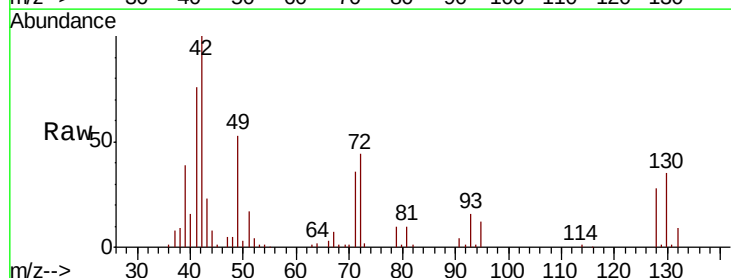
Tgt Ion: 49 Resp: 44554

Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.8

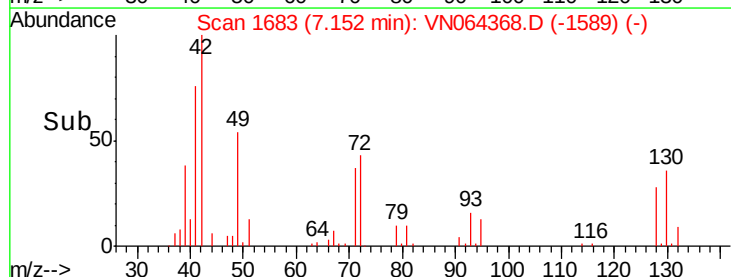
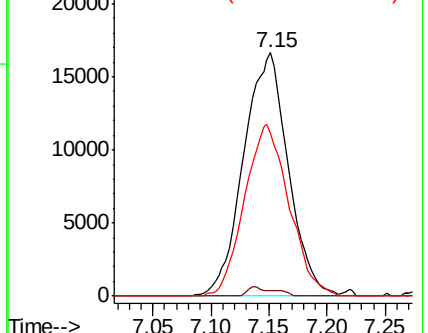
130 70.2 56.2 84.2

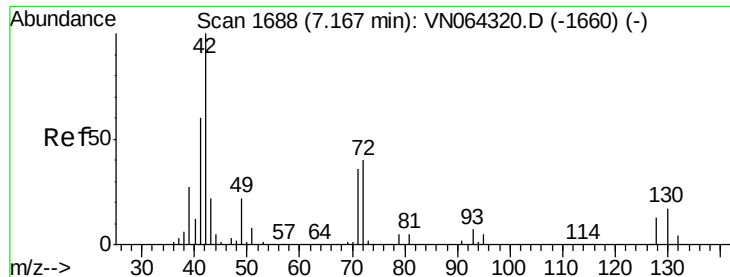


Abundance Ion 48.90 (48.60 to 49.60): VN064320.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064320.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064320.D (-1661) (-)

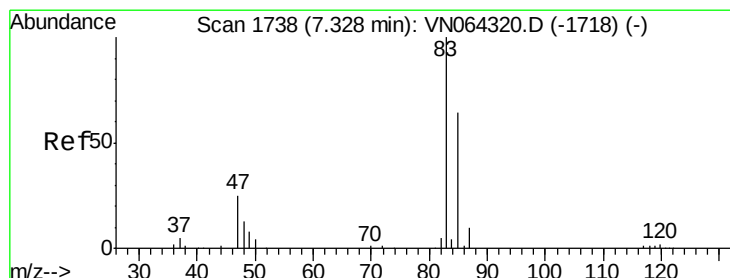
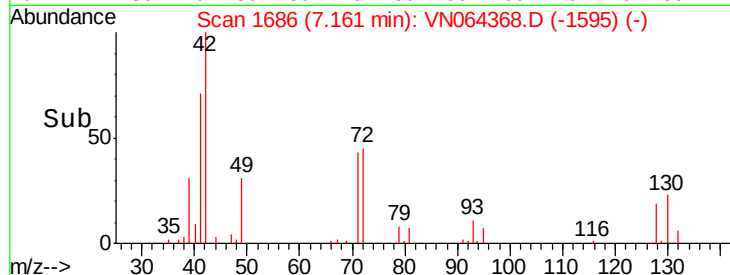
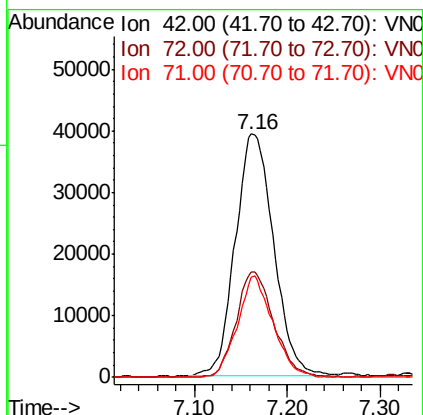
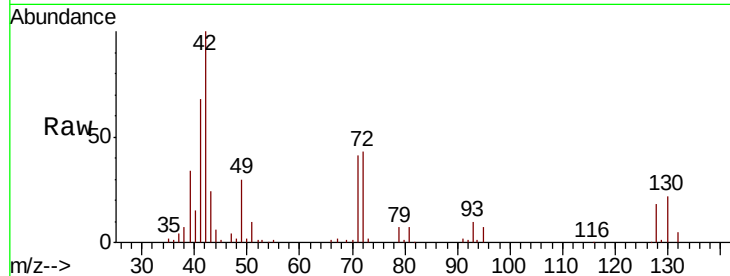




#29
Tetrahydrofuran
Concen: 86.665 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

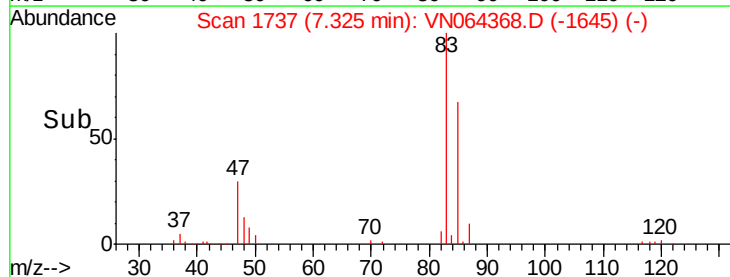
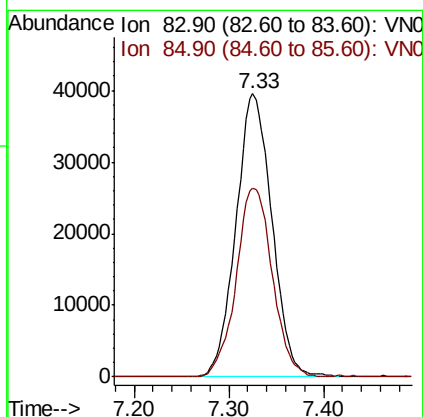
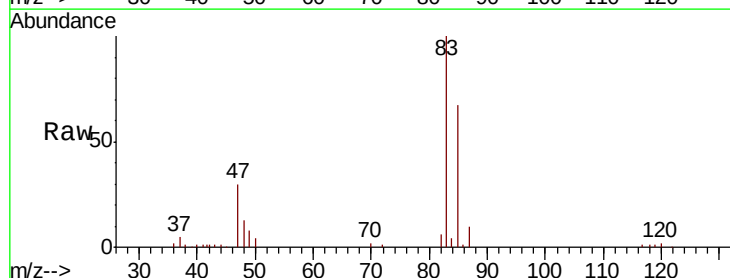
Instrument :
MSVOA_N
ClientSampled :
VN1029WBSD01

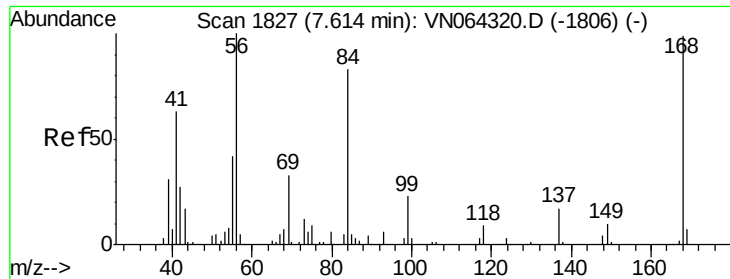
Tot Ion: 42 Resp: 113235
Ion Ratio Lower Upper
42 100
72 42.4 31.6 47.4
71 38.6 29.4 44.0



#30
Chloroform
Concen: 18.394 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion: 83 Resp: 104490
Ion Ratio Lower Upper
83 100
85 66.6 51.1 76.7

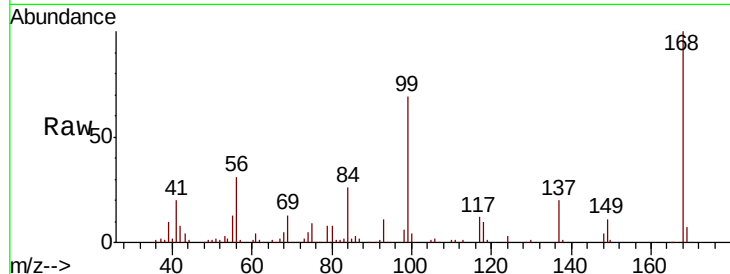




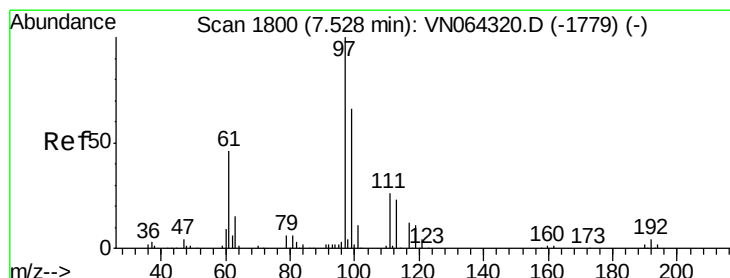
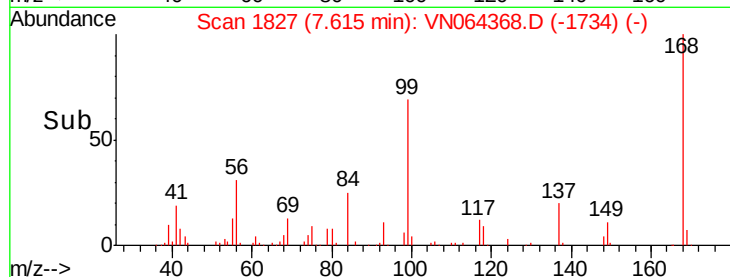
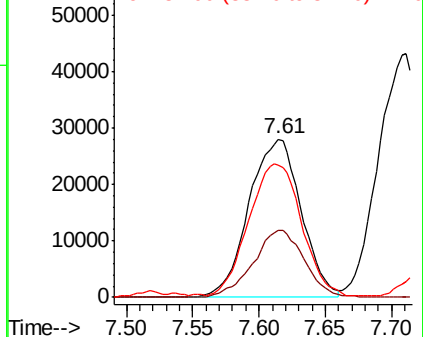
#31
Cyclohexane
Concen: 16.481 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Tot Ion: 56 Resp: 76674
Ion Ratio Lower Upper
56 100
69 42.0 25.8 38.8#
84 82.6 66.3 99.5

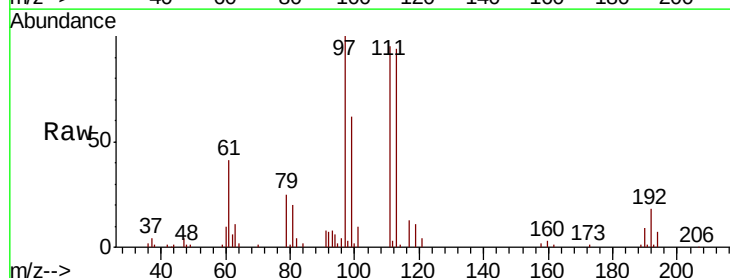


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

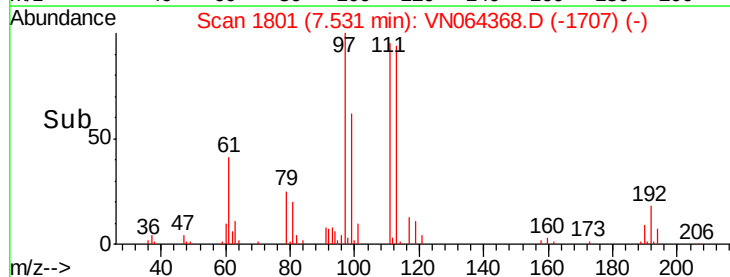
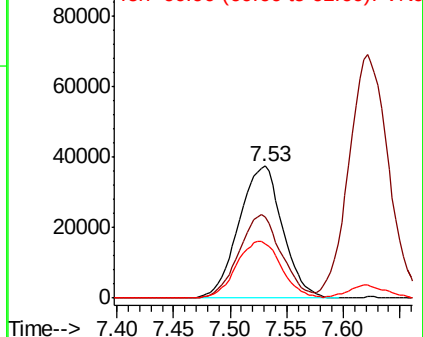


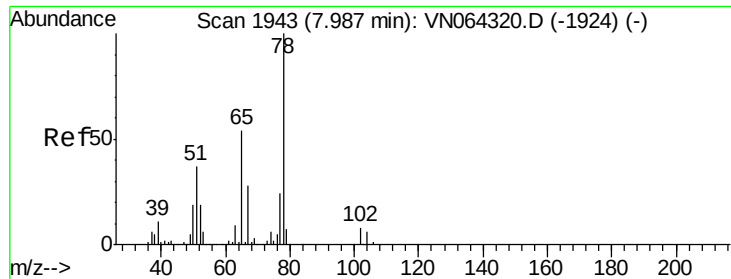
#32
1,1,1-Trichloroethane
Concen: 18.451 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion: 97 Resp: 100650
Ion Ratio Lower Upper
97 100
99 61.9 50.6 76.0
61 44.1 35.8 53.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

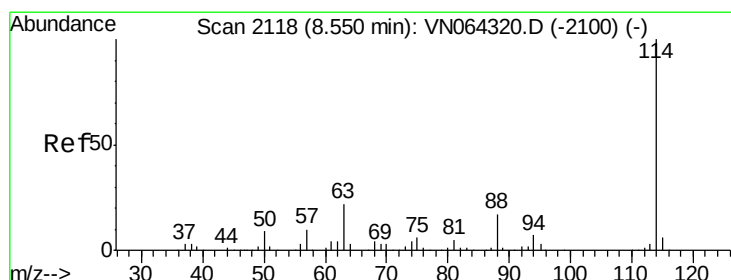
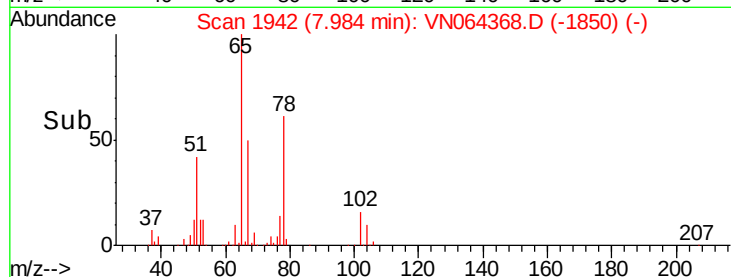
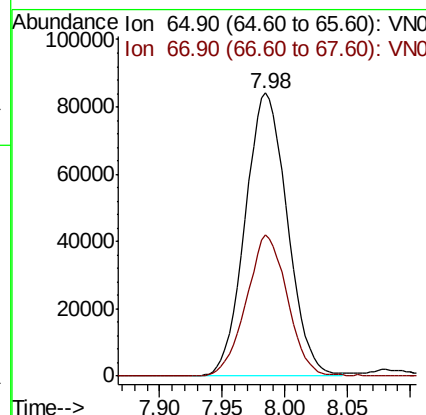
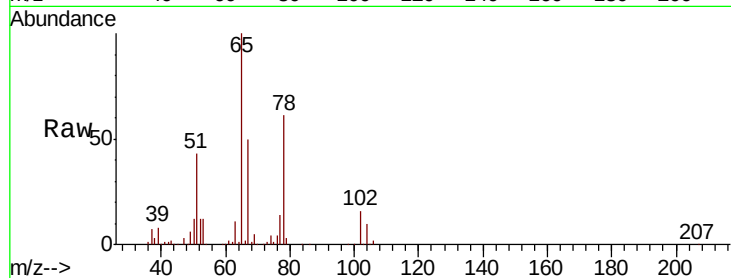




#33
 1,2-Dichloroethane-d4
 Concen: 49.153 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

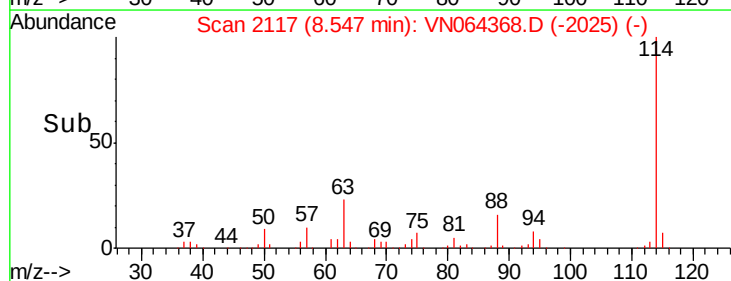
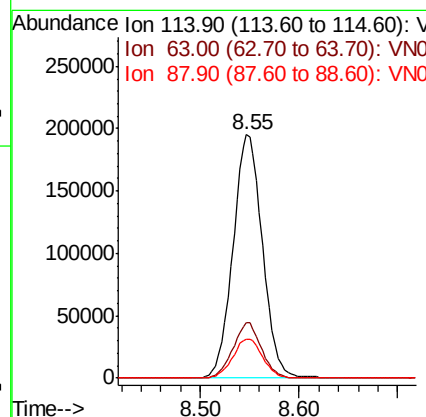
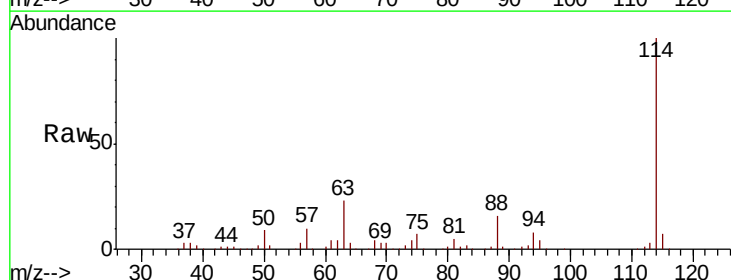
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

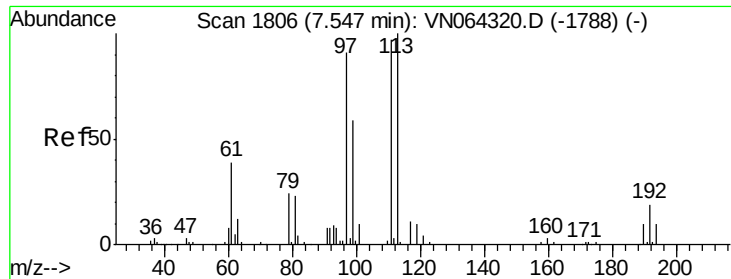
Tot Ion: 65 Resp: 197026
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion: 114 Resp: 405332
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.6
 88 15.9 0.0 33.4

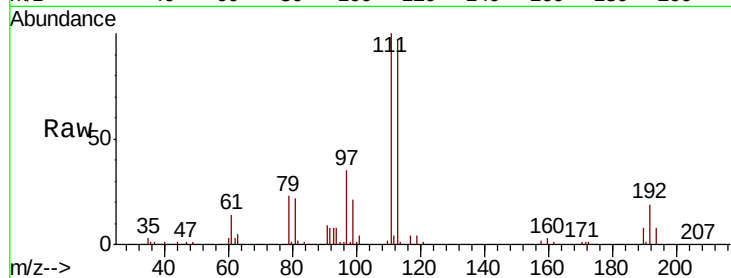




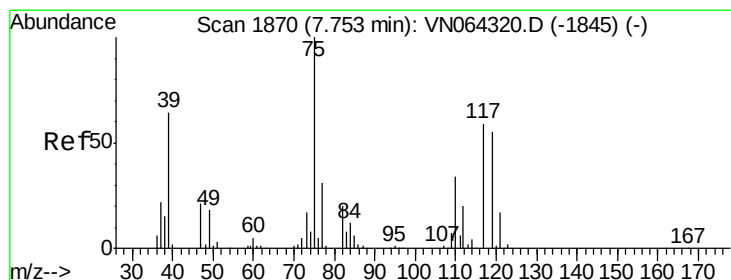
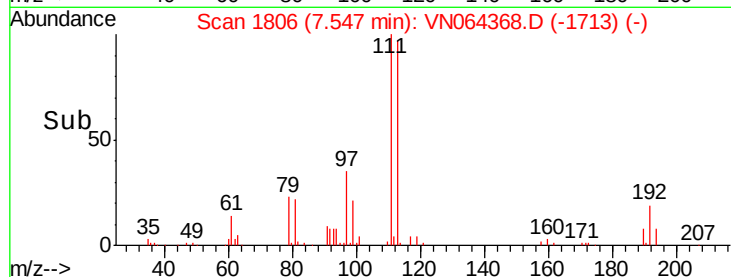
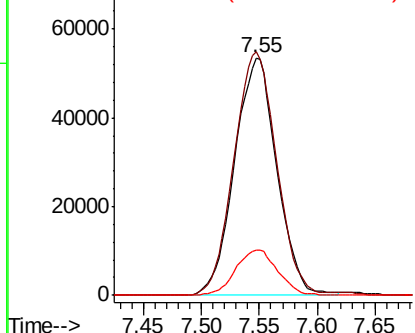
#35
 Dibromofluoromethane
 Concen: 50.134 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampled :
 VN1029WBSD01

Tot Ion:113 Resp: 13515
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.5 122.3
 192 19.0 15.0 22.4

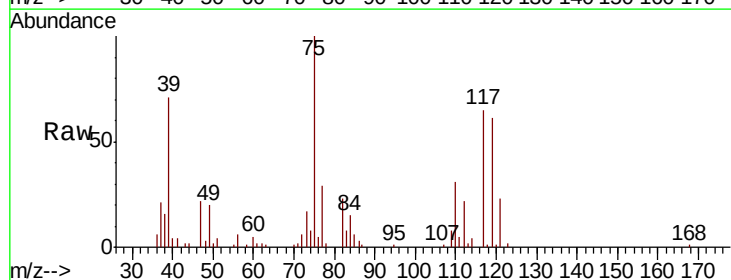


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

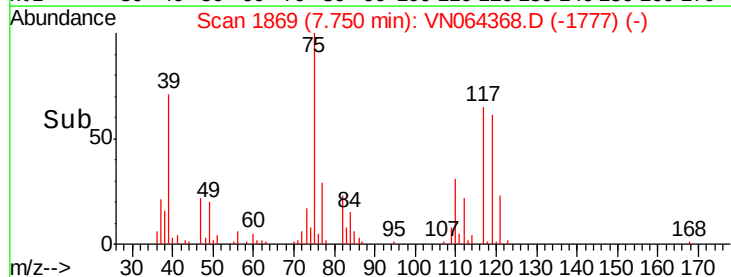
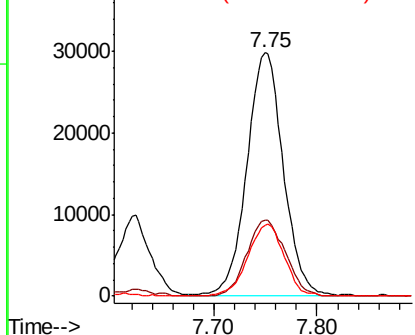


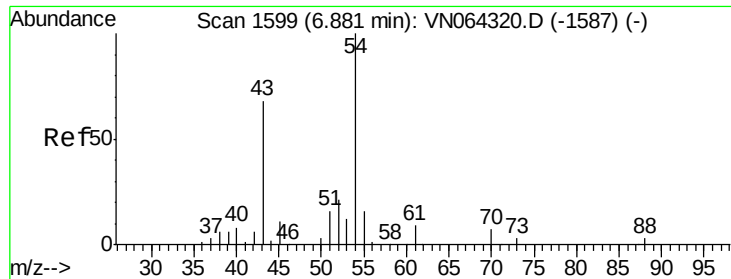
#36
 1,1-Dichloropropene
 Concen: 17.946 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion: 75 Resp: 73411
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.8 50.3
 77 29.5 24.2 36.4



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

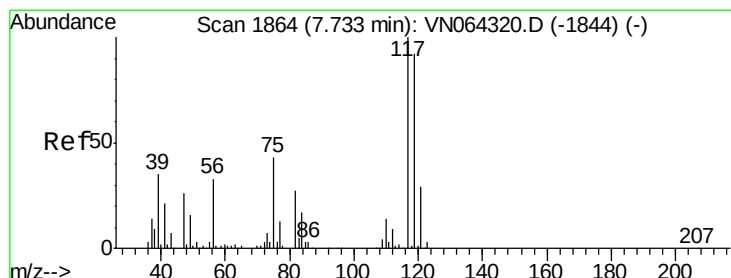
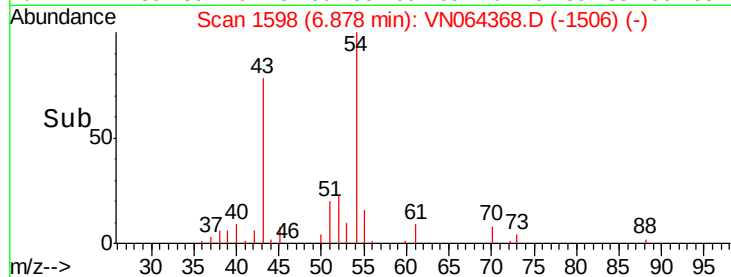
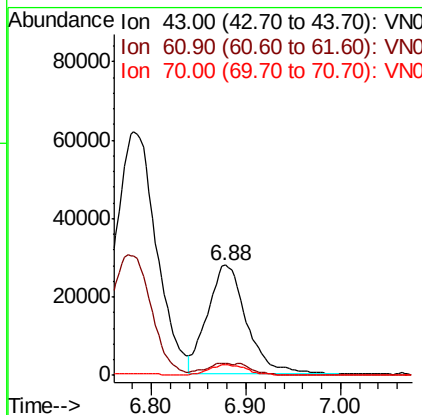
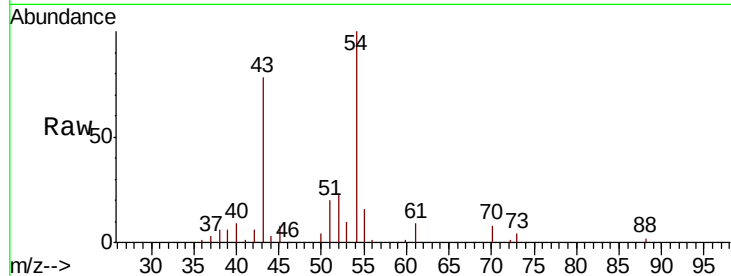




#37
Ethyl Acetate
Concen: 19.442 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

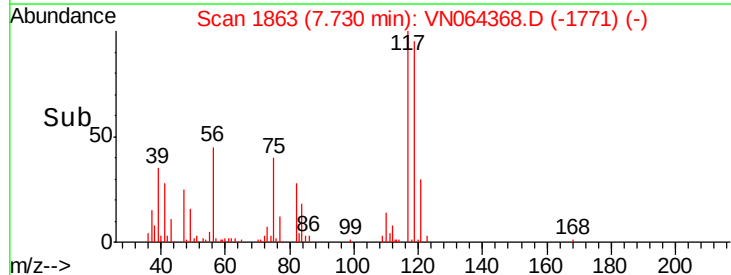
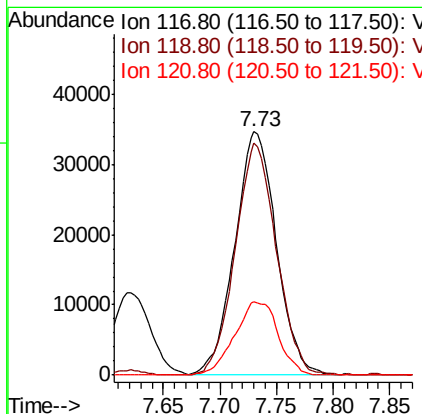
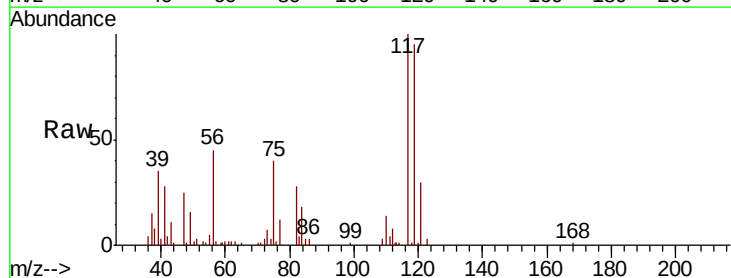
Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

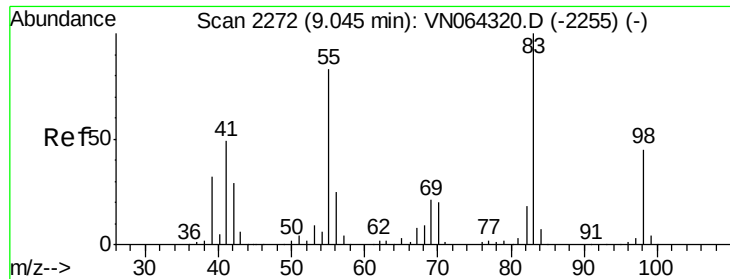
Tot Ion: 43 Resp: 80337
Ion Ratio Lower Upper
43 100
61 4.4 10.0 15.0#
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.748 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion: 117 Resp: 88914
Ion Ratio Lower Upper
117 100
119 95.2 73.7 110.5
121 30.0 22.8 34.2

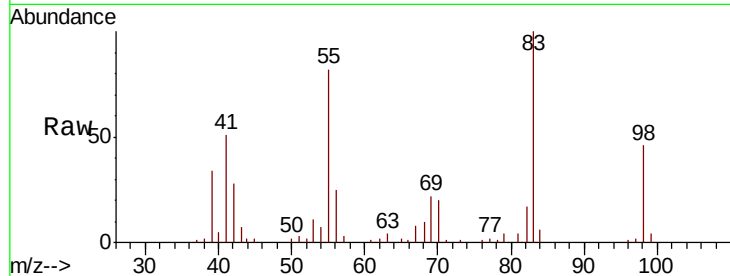




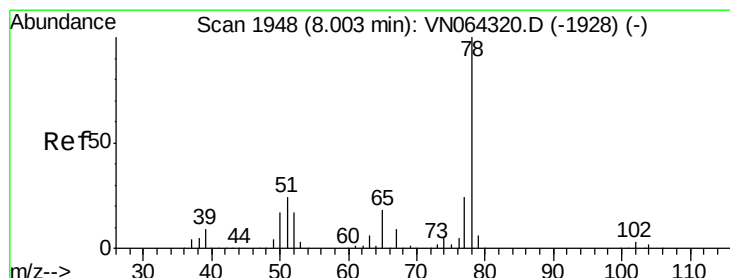
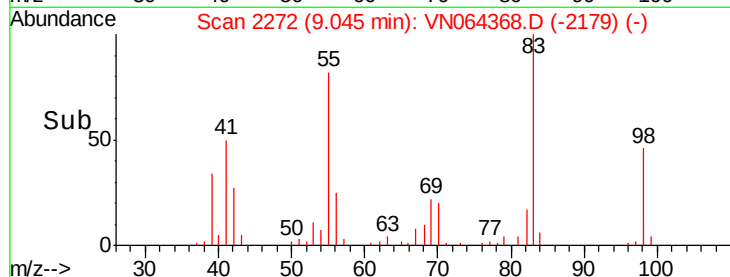
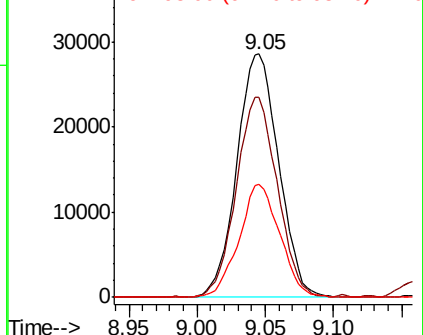
#39
Methylvlcyclohexane
Concen: 15.006 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Tot Ion: 83 Resp: 60867
Ion Ratio Lower Upper
83 100
55 82.2 66.2 99.4
98 46.4 36.0 54.0

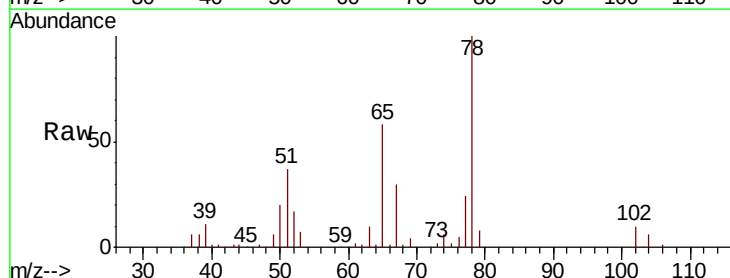


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

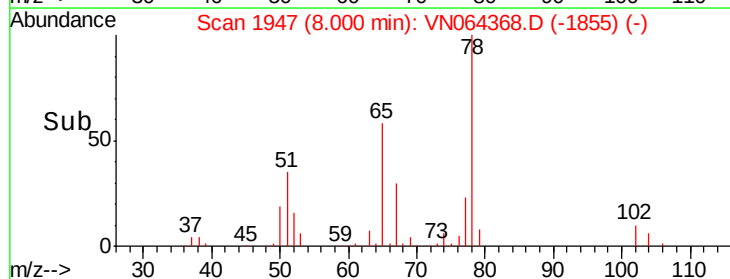
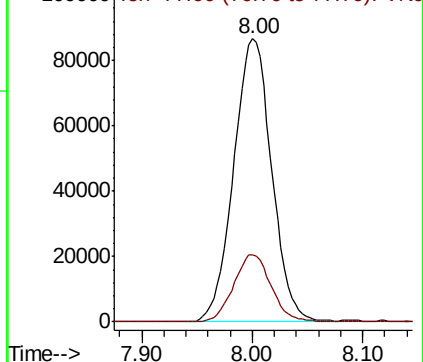


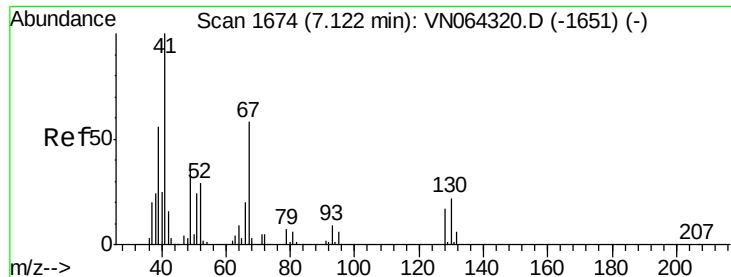
#40
Benzene
Concen: 18.186 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion: 78 Resp: 207080
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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

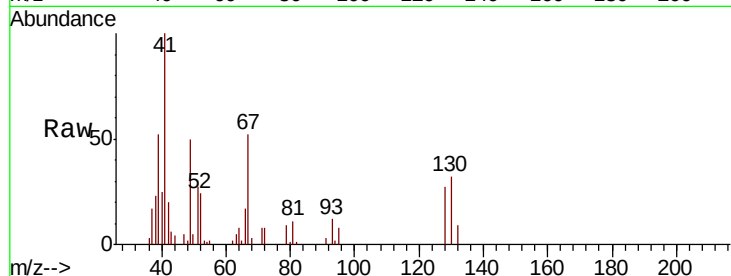




#41
Methacrylonitrile
Concen: 19.900 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Tot Ion:	41	Resp:	40818
Ion	Ratio	Lower	Upper
41	100		
39	33.6	48.6	72.8#
67	66.0	61.4	92.2
52	31.9	27.6	41.4



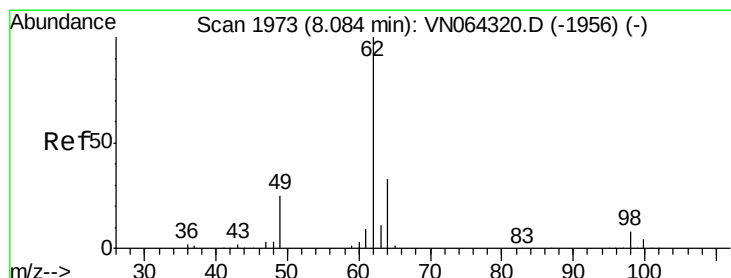
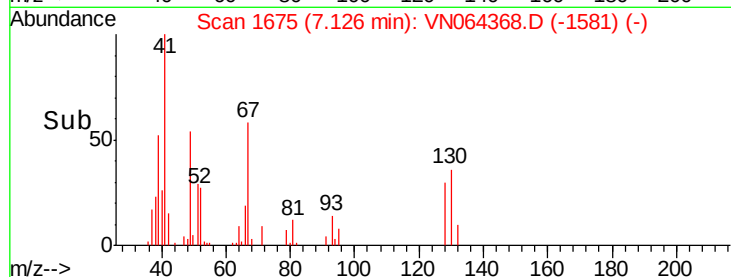
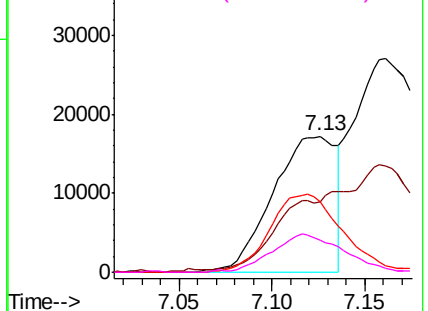
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

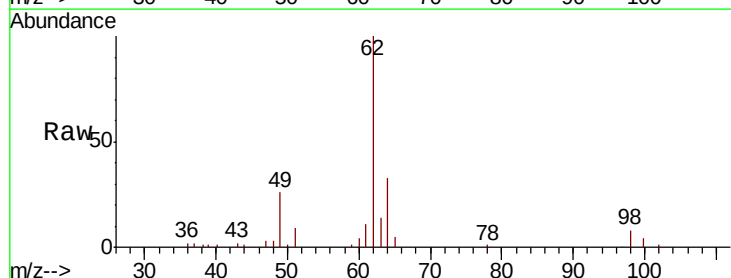
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 19.579 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

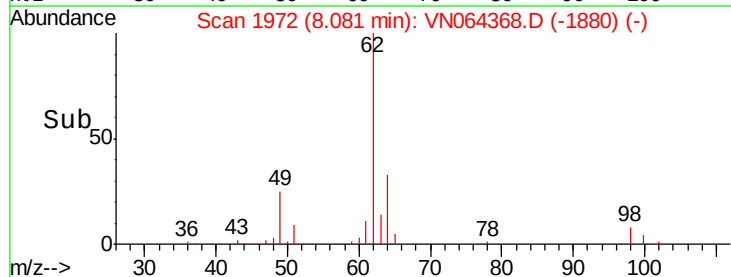
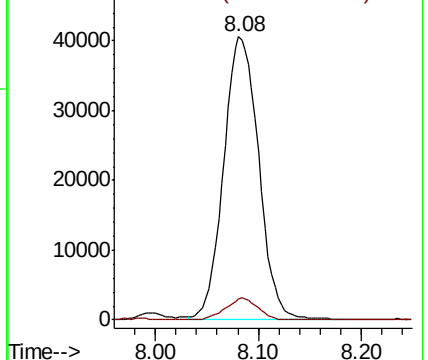
Tgt Ion:	62	Resp:	96302
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	14.2

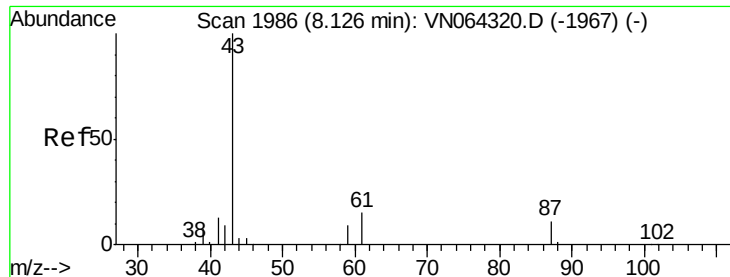


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.414 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

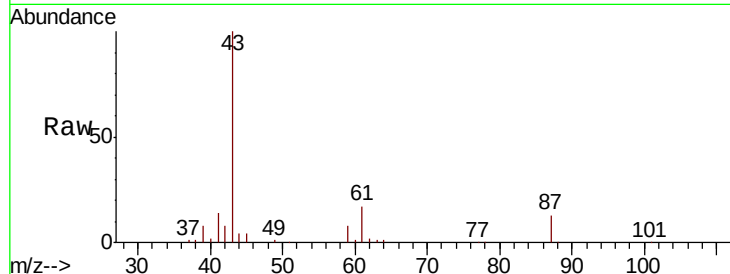
MSVOA_N

ClientSampleId :

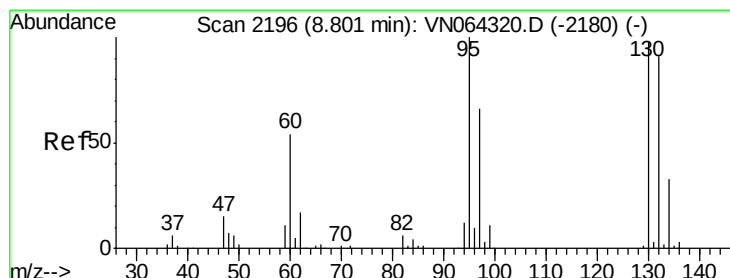
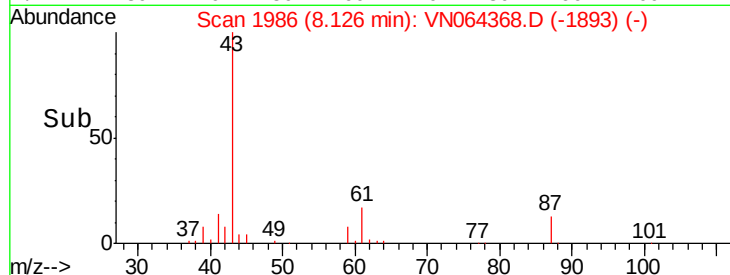
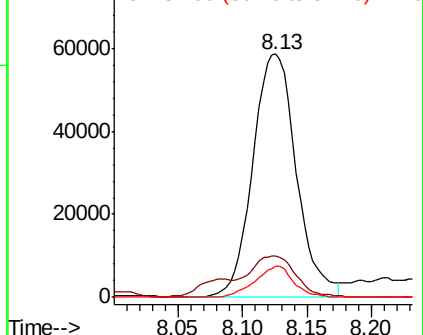
VN1029WBSD01

Tot Ion: 43 Resp: 137129

Ion	Ratio	Lower	Upper
43	100		
61	17.7	19.1	28.7#
87	11.4	9.3	13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064368.D (-1893) (-)



#44

Trichloroethene

Concen: 19.003 ug/l

RT: 8.80 min Scan# 2196

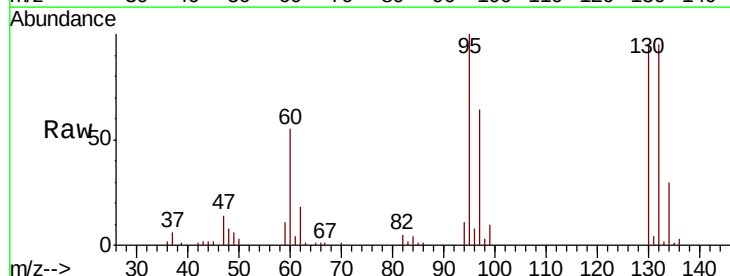
Delta R.T. 0.00 min

Lab File: VN064368.D

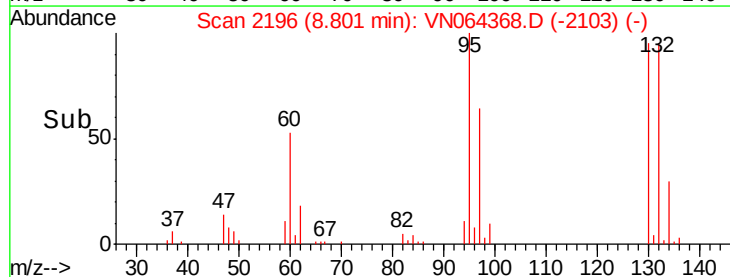
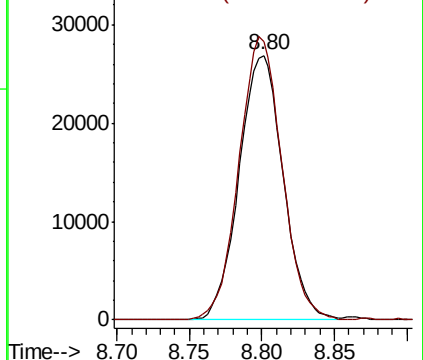
Acq: 29 Oct 2020 12:59

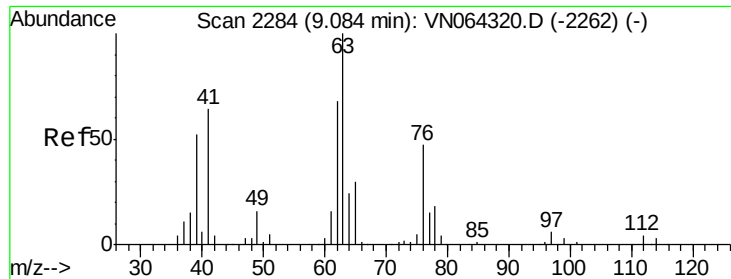
Tgt Ion: 130 Resp: 56683

Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064368.D (-2103) (-)

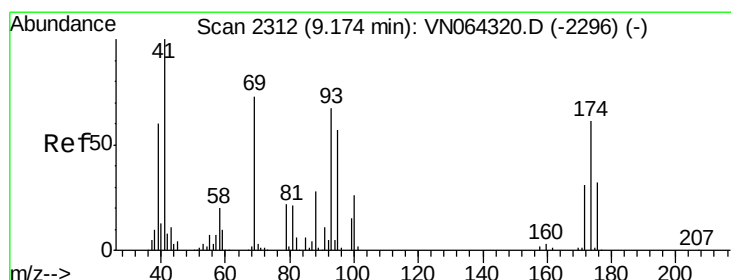
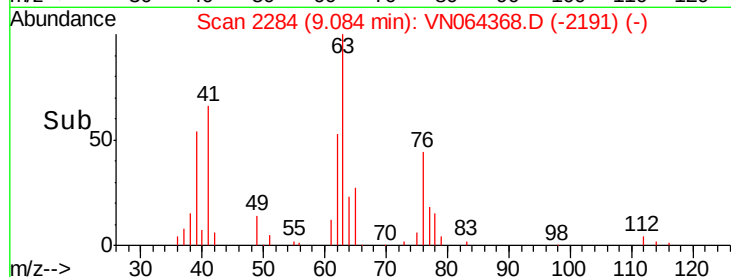
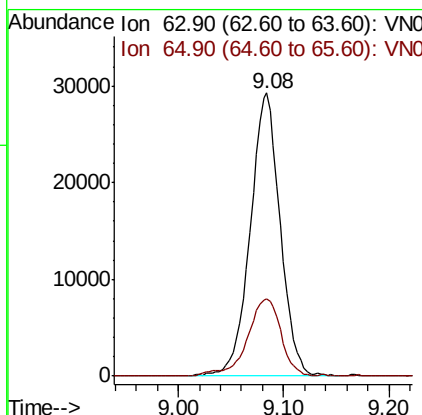
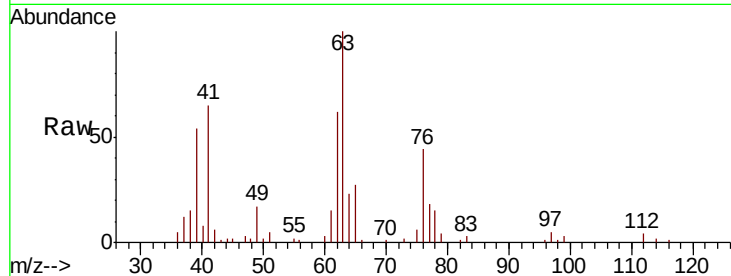




#45
 1,2-Dichloropropane
 Concen: 18.991 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

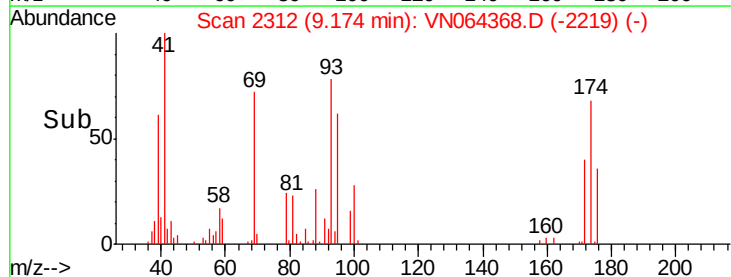
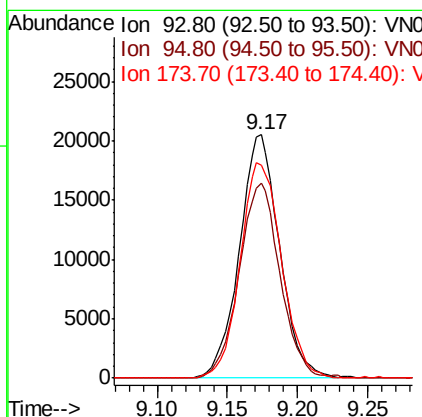
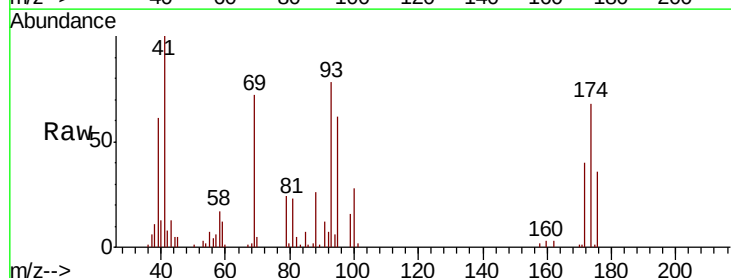
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

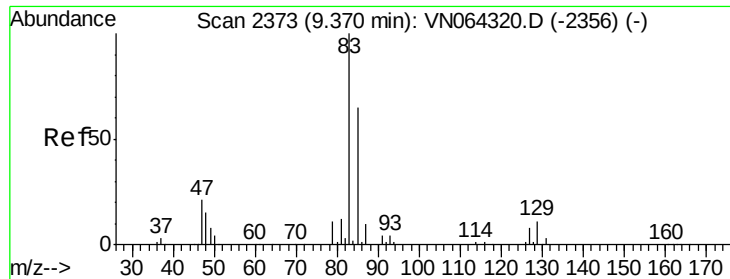
Tot Ion: 63 Resp: 57906
 Ion Ratio Lower Upper
 63 100
 65 27.1 24.3 36.5



#46
 Dibromomethane
 Concen: 19.161 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion: 93 Resp: 40873
 Ion Ratio Lower Upper
 93 100
 95 81.4 64.4 96.6
 174 91.2 71.4 107.0





#47

Bromodichloromethane

Concen: 18.283 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

VN1029WBSD01

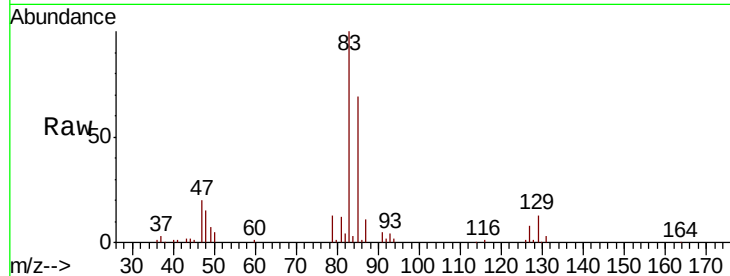
Tot Ion: 83 Resp: 86430

Ion Ratio Lower Upper

83 100

85 69.2 52.1 78.1

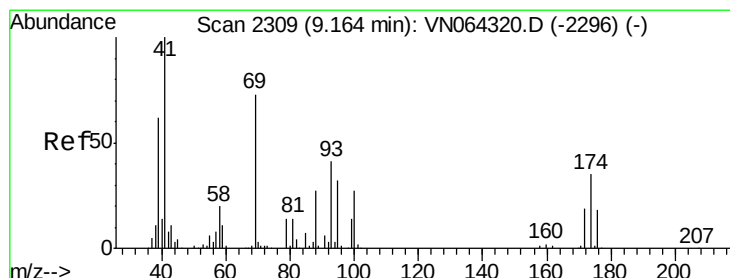
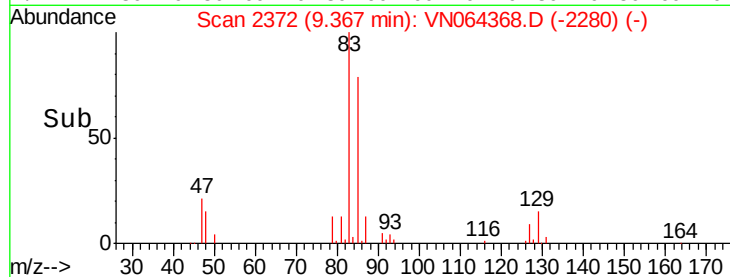
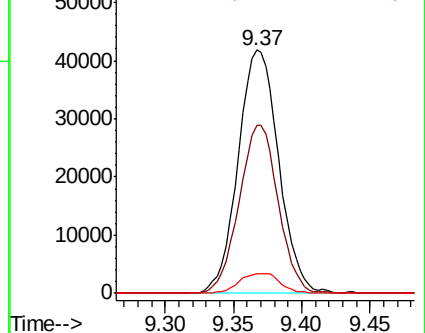
127 7.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064320.D (-2356) (-)



#48

Methyl methacrylate

Concen: 19.103 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

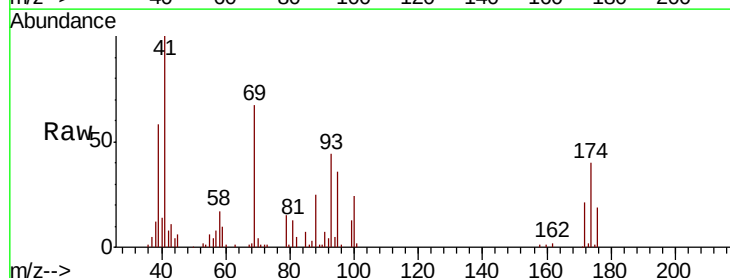
Tgt Ion: 41 Resp: 69615

Ion Ratio Lower Upper

41 100

69 69.0 59.1 88.7

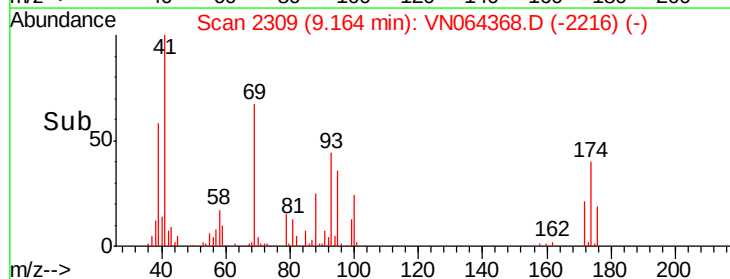
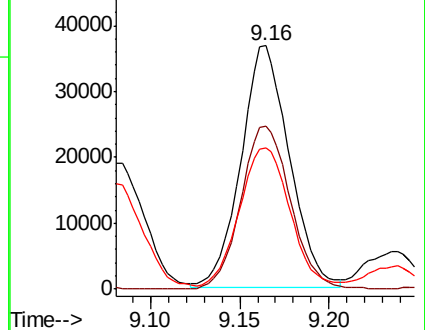
39 61.7 51.3 76.9

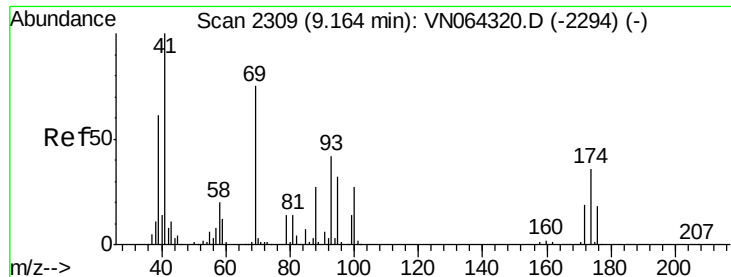


Abundance Ion 41.00 (40.70 to 41.70): VN064320.D (-2296) (-)

Ion 69.00 (68.70 to 69.70): VN064320.D (-2296) (-)

Ion 39.00 (38.70 to 39.70): VN064320.D (-2296) (-)





#49

1,4-Dioxane

Concen: 361.804 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

VN1029WBSD01

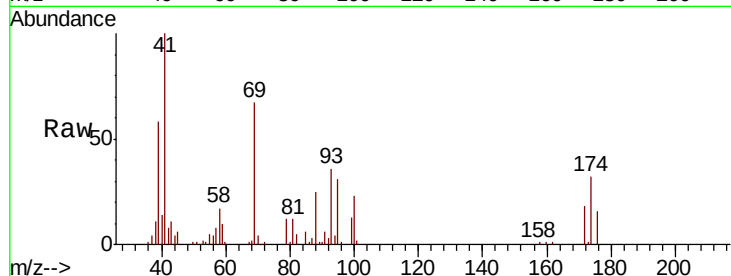
Tot Ion: 88 Resp: 19434

Ion Ratio Lower Upper

88 100

43 39.5 31.8 47.8

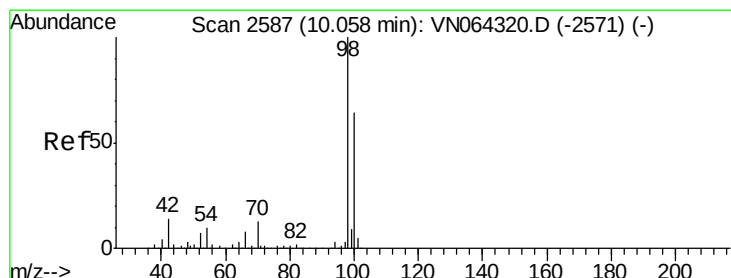
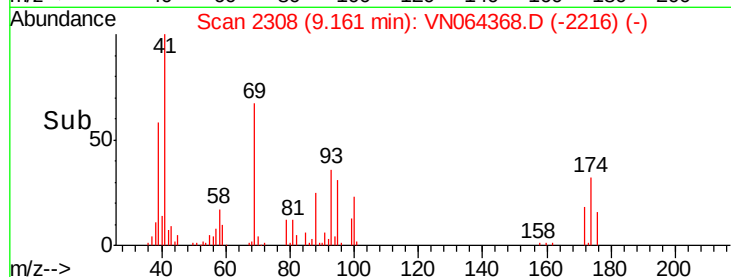
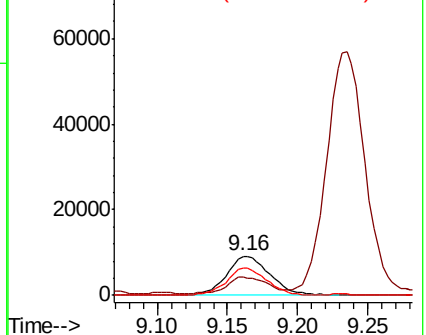
58 66.9 60.3 90.5



Abundance Ion 88.00 (87.70 to 88.70): VN064320.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN064320.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2294) (-)



#50

Toluene-d8

Concen: 47.463 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064368.D

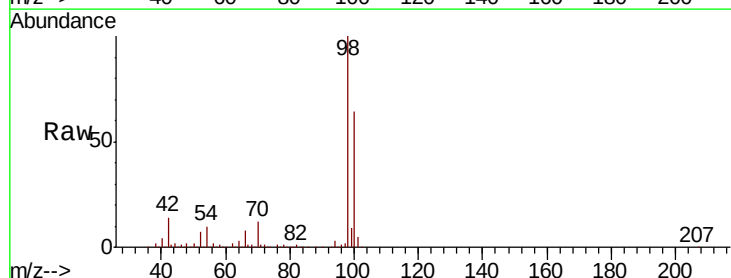
Acq: 29 Oct 2020 12:59

Tgt Ion: 98 Resp: 474547

Ion Ratio Lower Upper

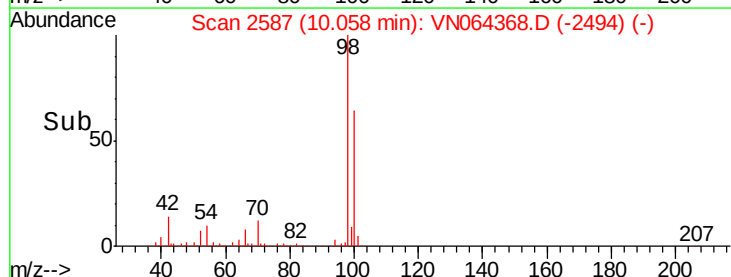
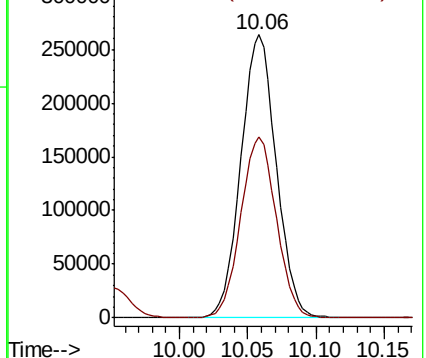
98 100

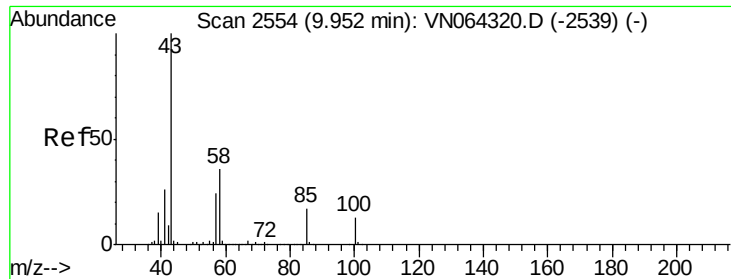
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064320.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064320.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 96.902 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

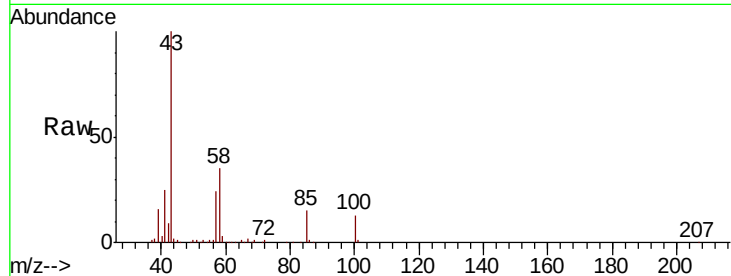
VN1029WBSD01

Tot Ion: 43 Resp: 397864

Ion Ratio Lower Upper

43 100

58 35.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

250000

200000

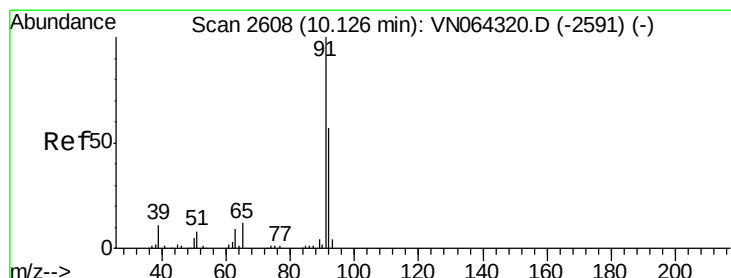
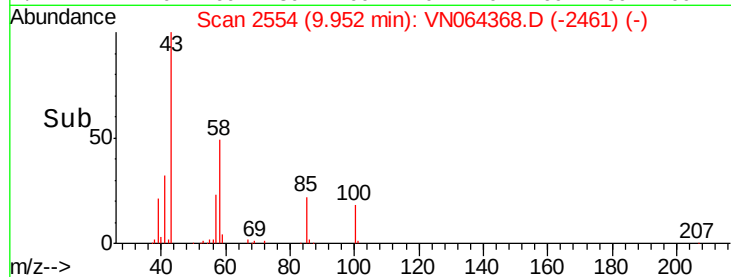
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.152 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064368.D

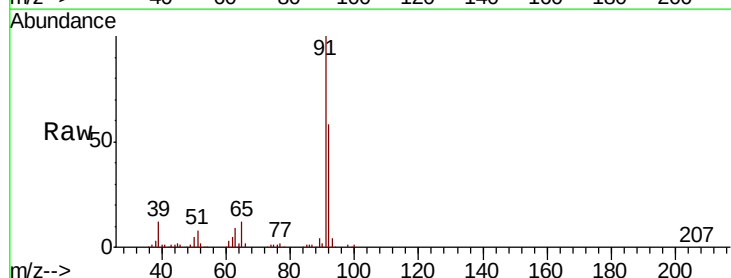
Acq: 29 Oct 2020 12:59

Tgt Ion: 92 Resp: 130426

Ion Ratio Lower Upper

92 100

91 172.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

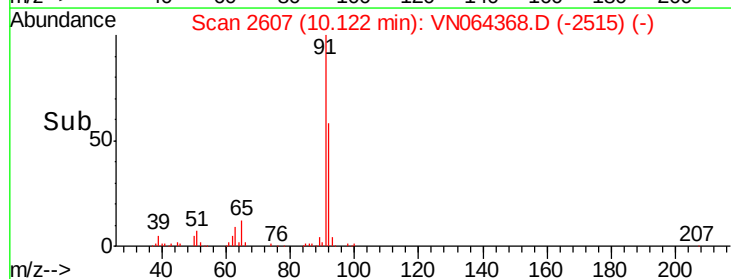
10.12

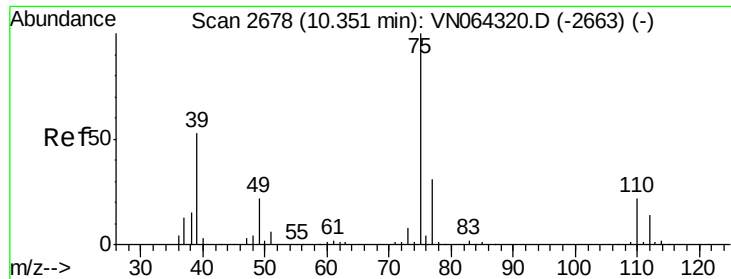
100000

50000

0

Time-->

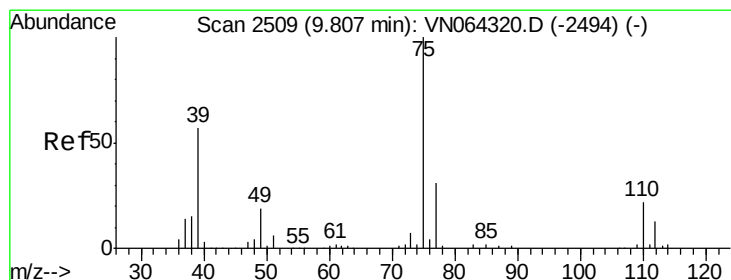
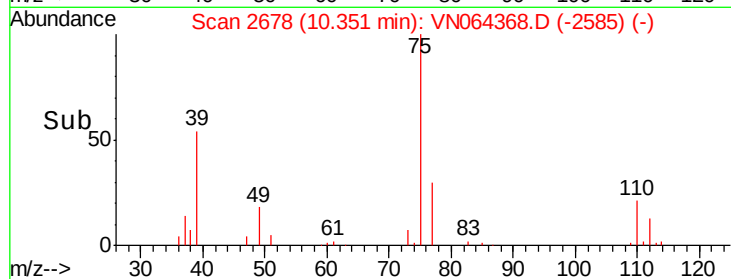
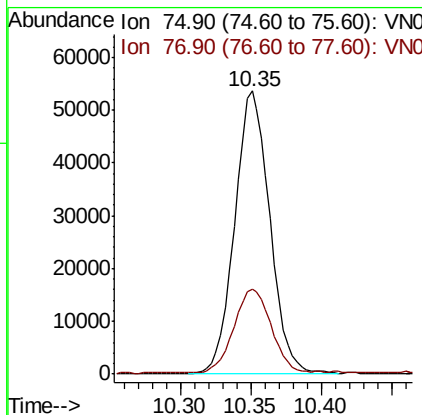
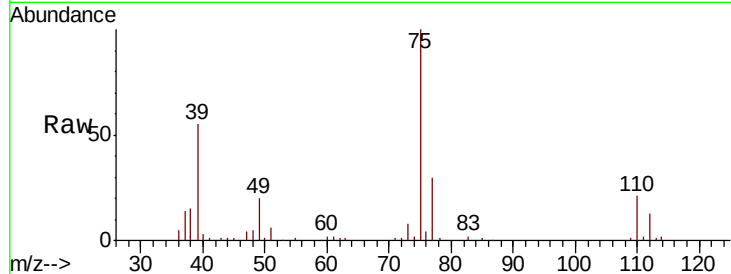




#53
 t-1,3-Dichloropropene
 Concen: 18.757 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

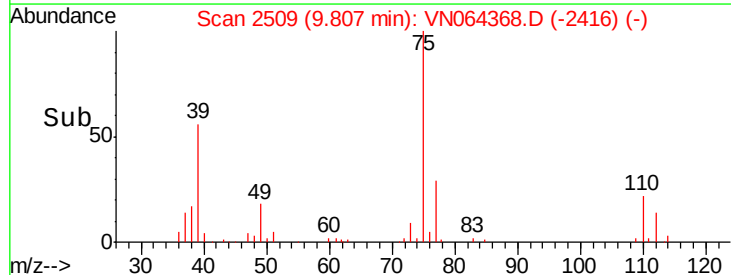
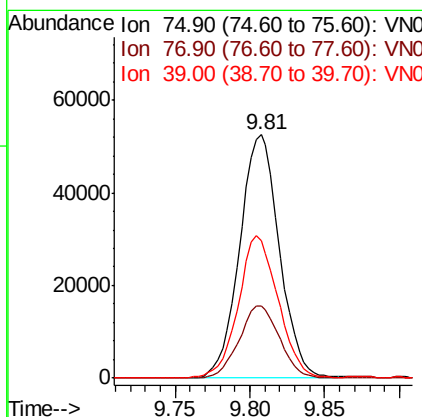
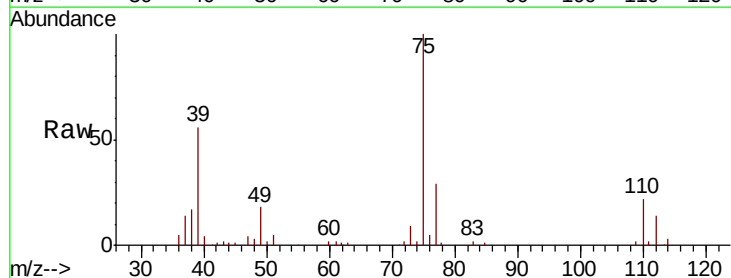
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

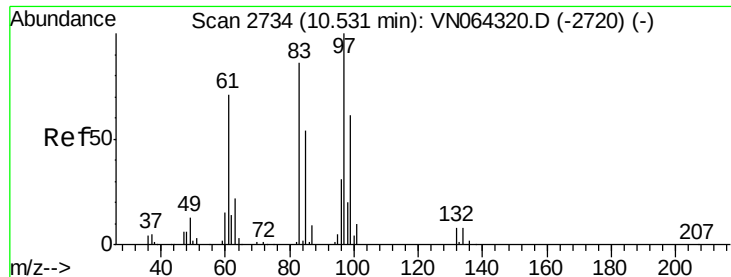
Tot Ion: 75 Resp: 93759
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.851 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion: 75 Resp: 96997
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.0 37.4
 39 56.1 45.5 68.3



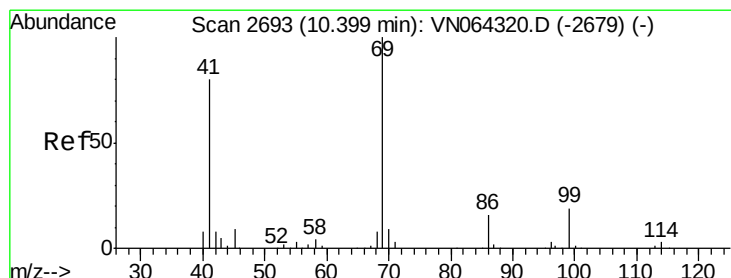
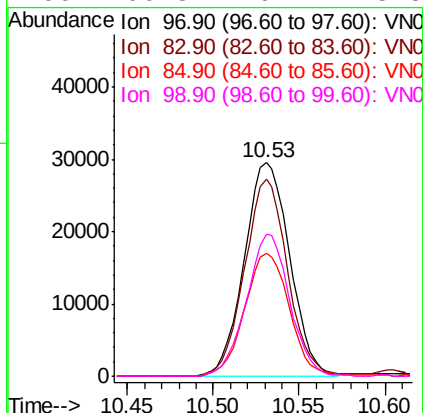
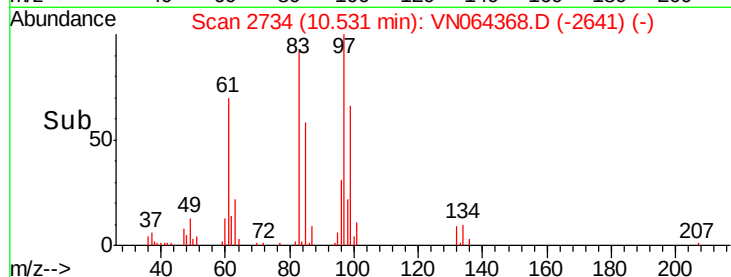
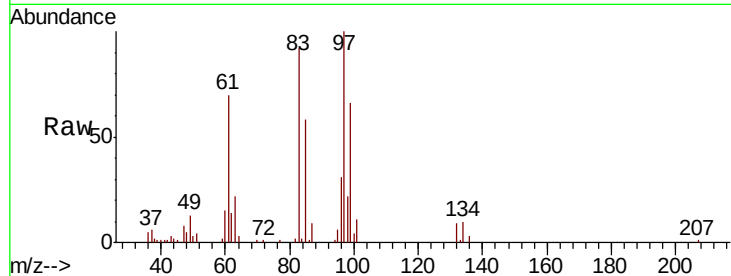


#55
 1,1,2-Trichloroethane
 Concen: 19.037 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Tot Ion: 97 Resp: 53994

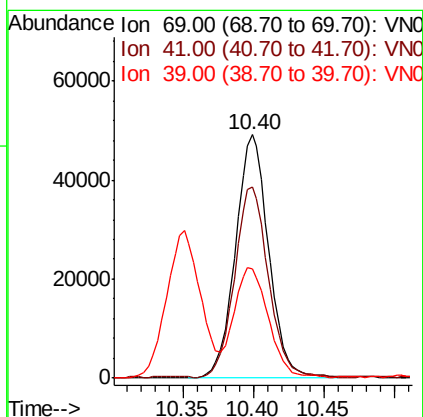
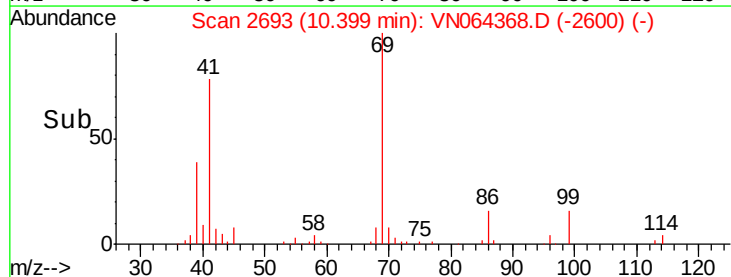
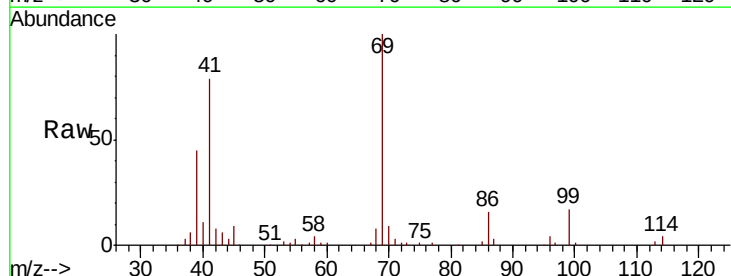
Ion	Ratio	Lower	Upper
97	100		
83	92.5	68.9	103.3
85	57.7	43.6	65.4
99	66.3	49.2	73.8

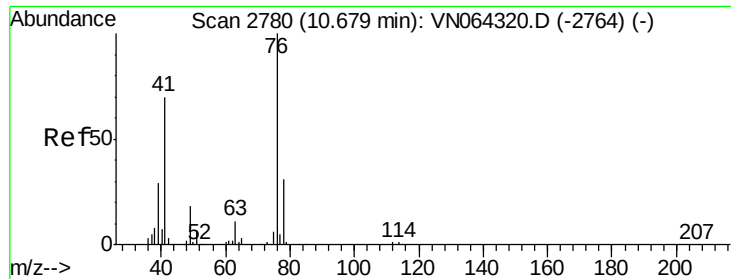


#56
 Ethyl methacrylate
 Concen: 18.894 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion: 69 Resp: 81118

Ion	Ratio	Lower	Upper
69	100		
41	80.7	61.4	92.2
39	46.6	36.5	54.7

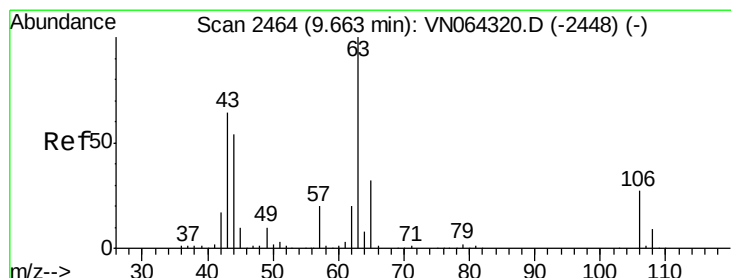
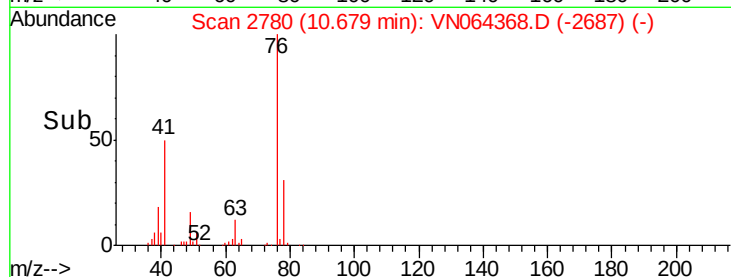
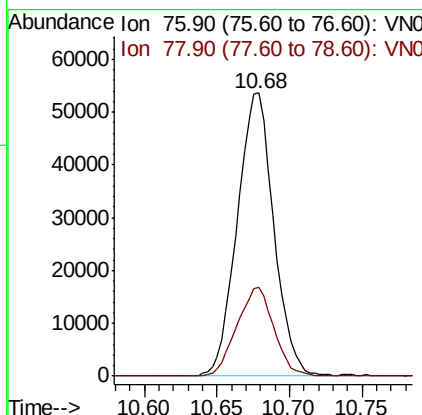
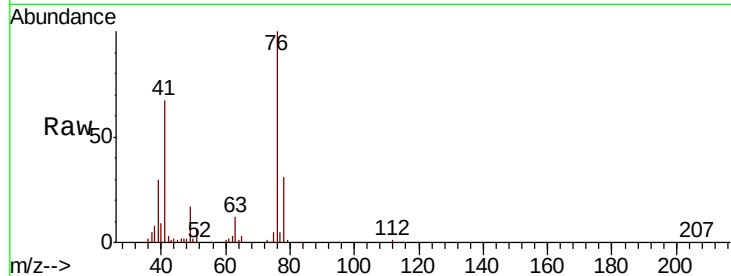




#57
 1,3-Dichloropropane
 Concen: 19.462 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

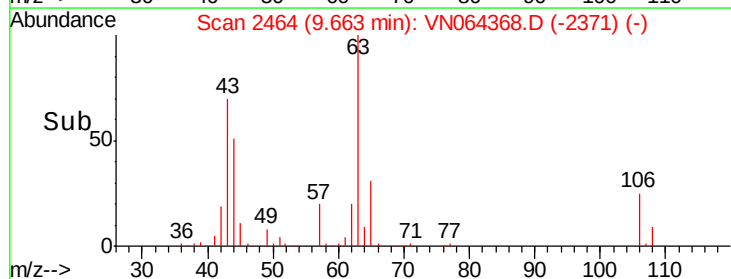
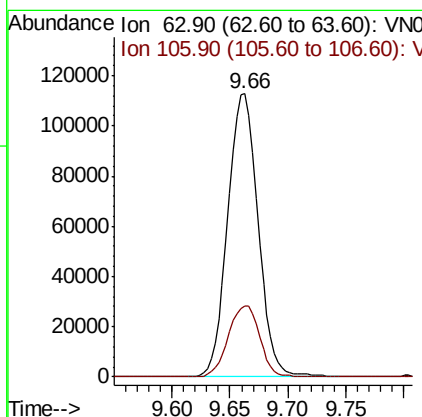
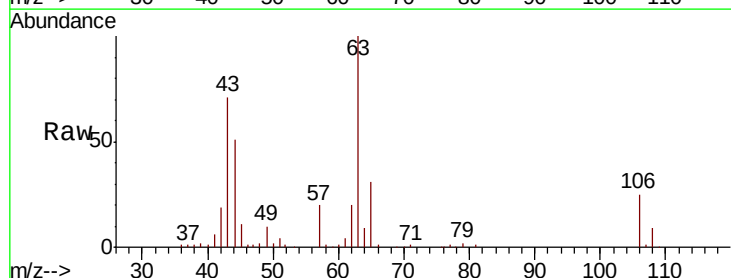
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

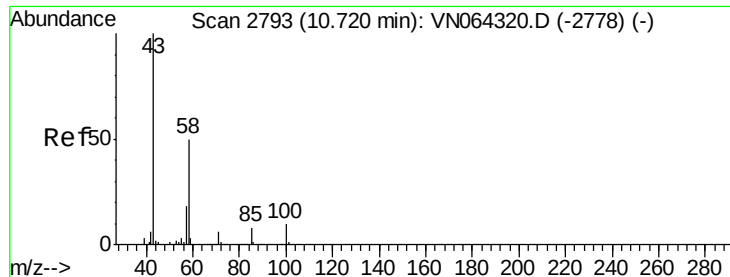
Tot Ion: 76 Resp: 94159
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.244 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion: 63 Resp: 204402
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.0 31.4

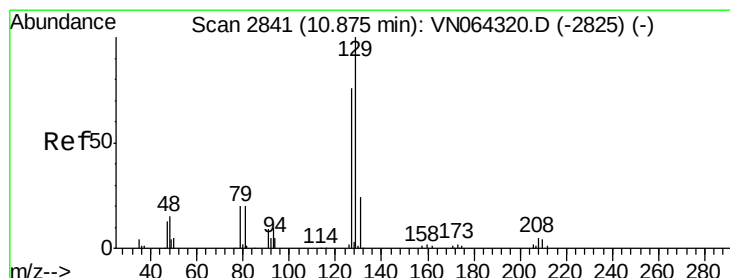
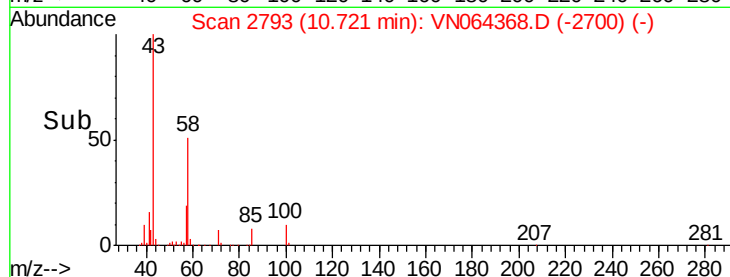
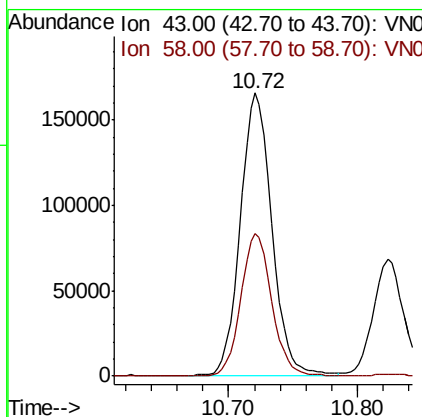
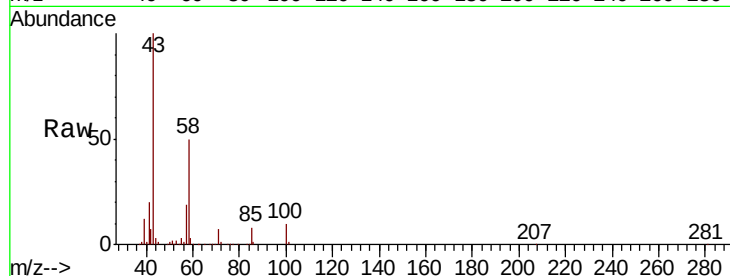




#59
2-Hexanone
Concen: 92.358 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

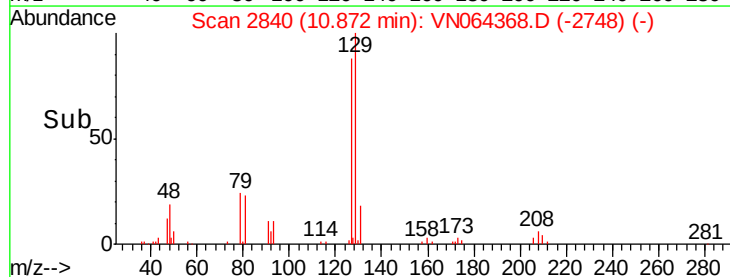
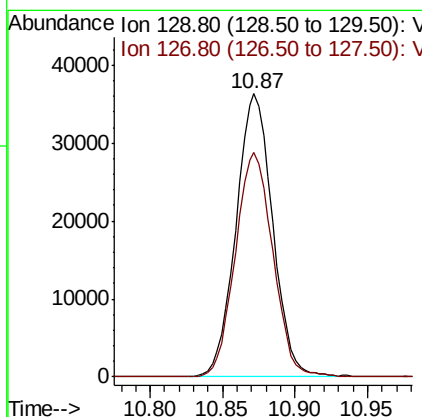
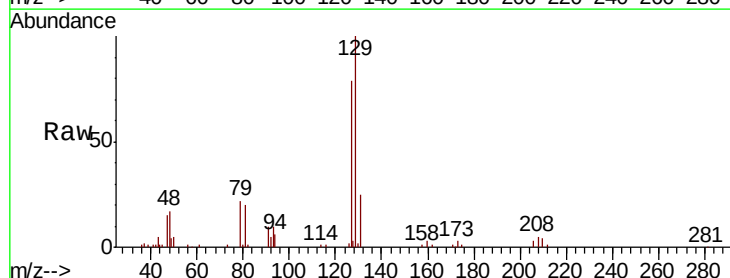
Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

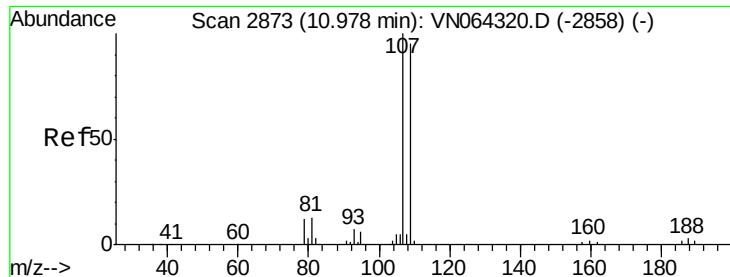
Tot Ion: 43 Resp: 279285
Ion Ratio Lower Upper
43 100
58 49.9 25.0 75.0



#60
Dibromochloromethane
Concen: 18.995 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion: 129 Resp: 63700
Ion Ratio Lower Upper
129 100
127 81.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.606 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

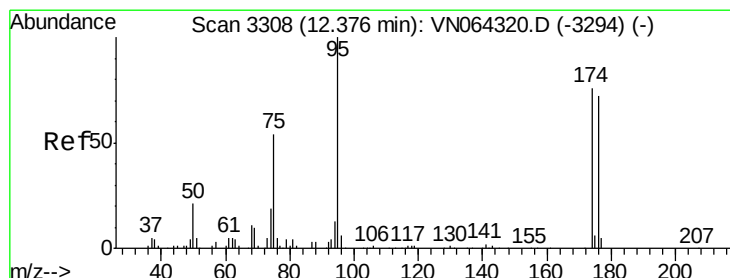
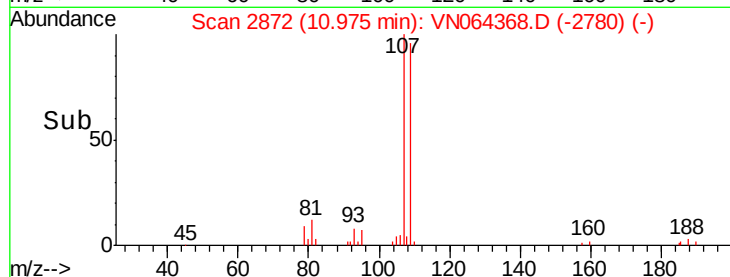
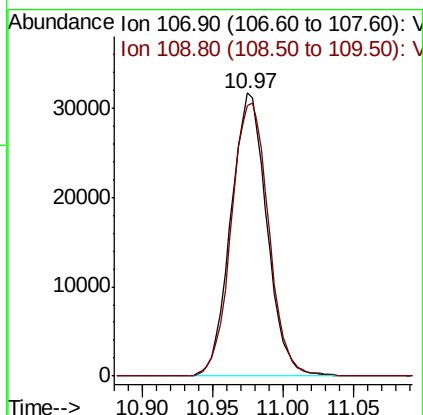
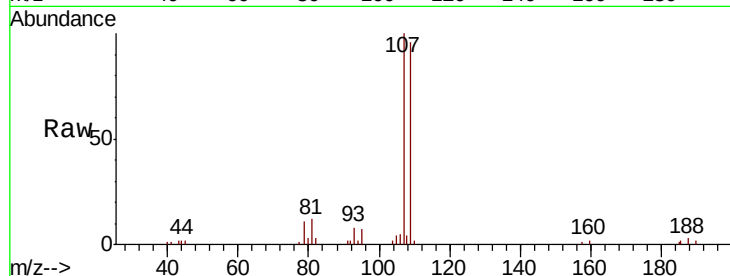
VN1029WBSD01

Tot Ion:107 Resp: 56659

Ion Ratio Lower Upper

107 100

109 99.9 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 46.546 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

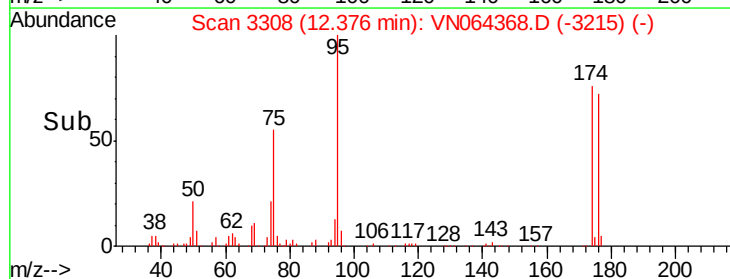
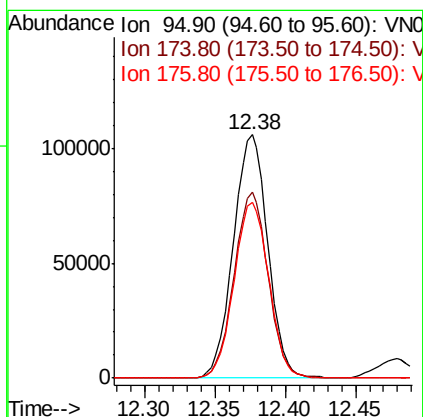
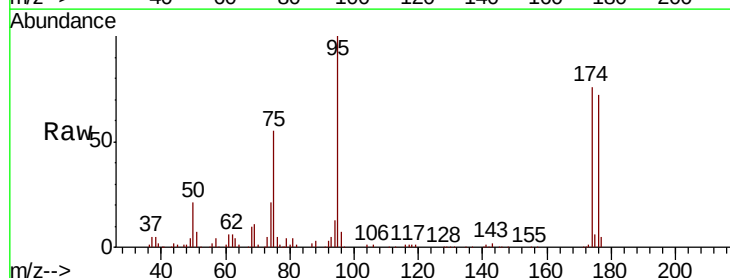
Tgt Ion: 95 Resp: 181450

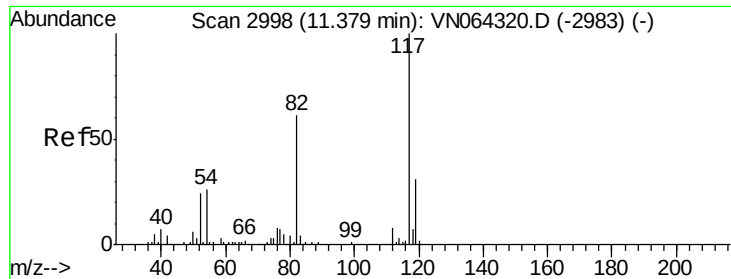
Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.4

176 73.1 0.0 143.6

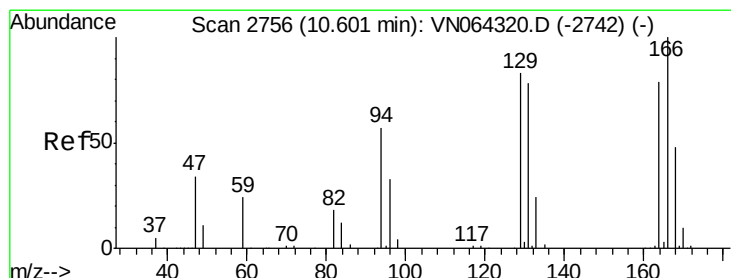
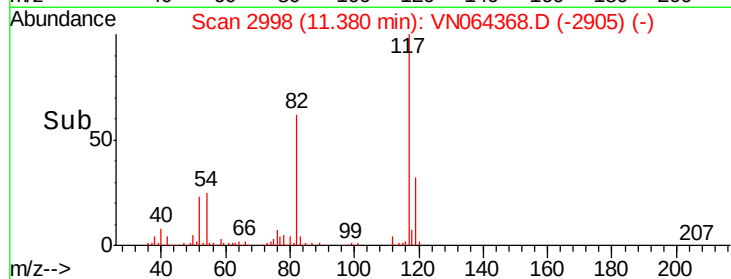
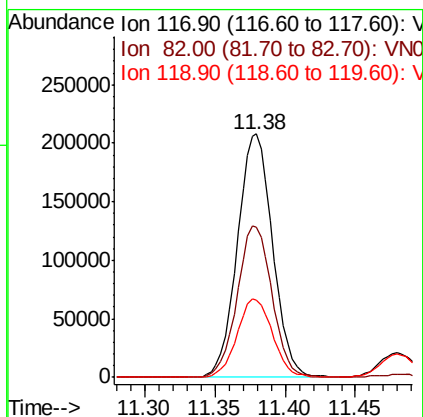
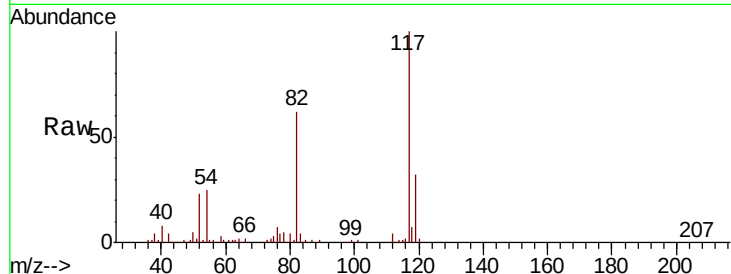




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

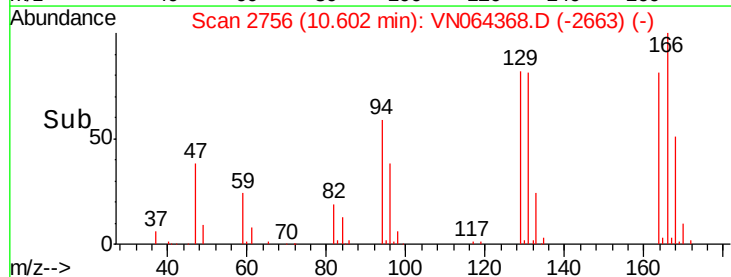
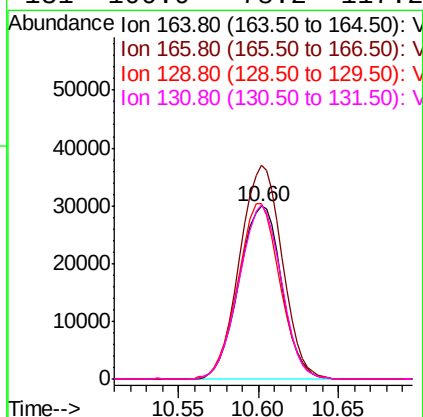
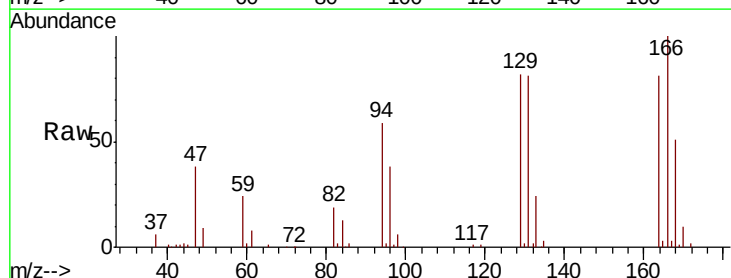
Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

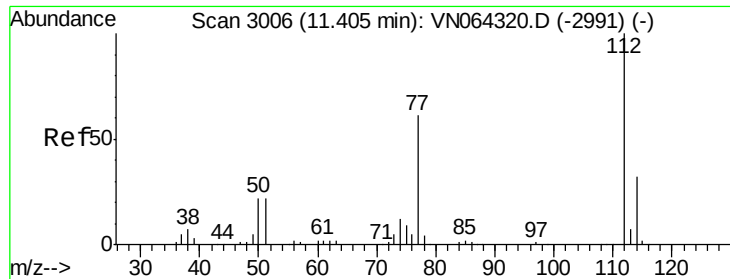
Tot Ion:117 Resp: 364398
Ion Ratio Lower Upper
117 100
82 61.6 48.8 73.2
119 31.6 25.1 37.7



#64
Tetrachloroethene
Concen: 18.281 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion:164 Resp: 54752
Ion Ratio Lower Upper
164 100
166 123.9 100.7 151.1
129 102.0 83.7 125.5
131 100.9 78.2 117.2

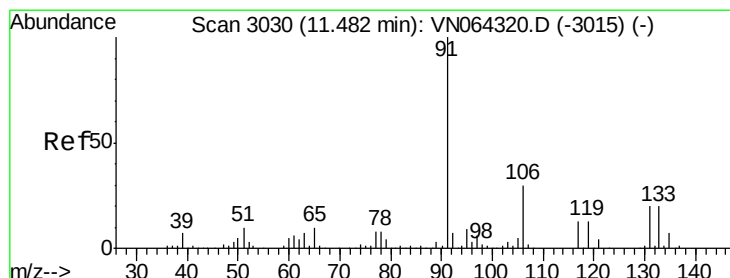
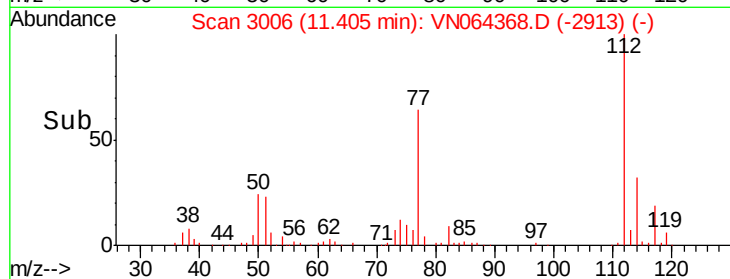
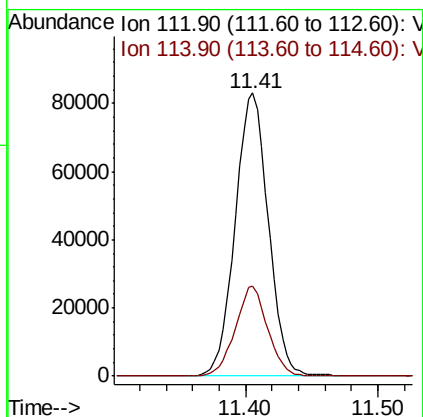
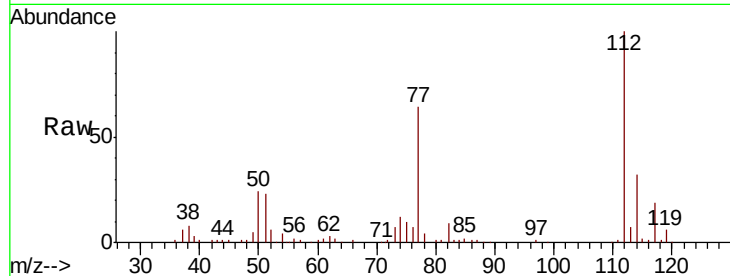




#65
Chlorobenzene
Concen: 19.511 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

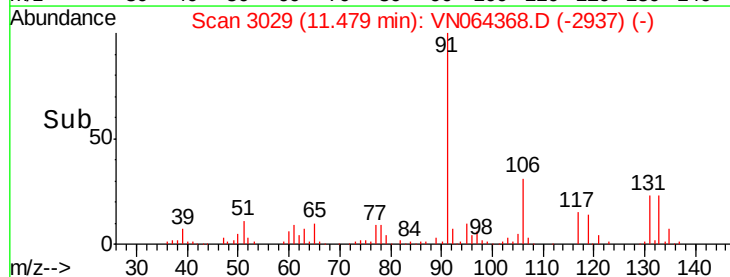
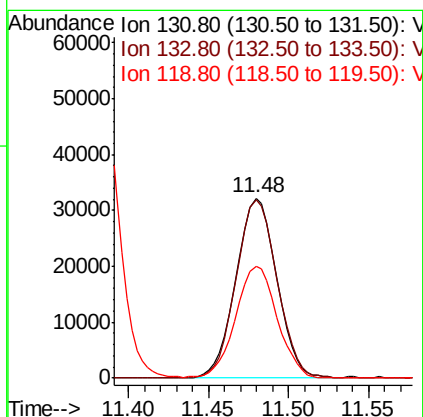
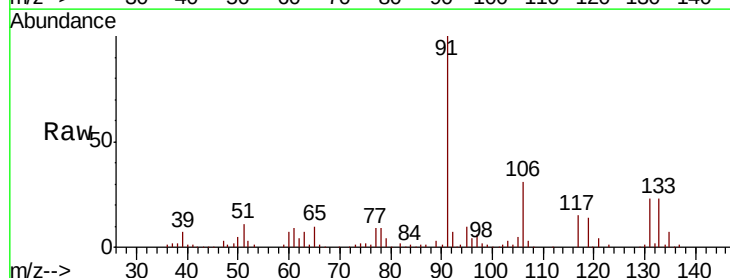
Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

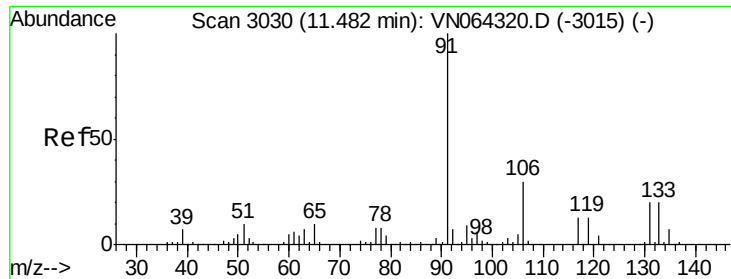
Tot Ion:112 Resp: 144136
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.820 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion:131 Resp: 56195
Ion Ratio Lower Upper
131 100
133 99.0 49.3 147.8
119 63.2 32.3 96.9

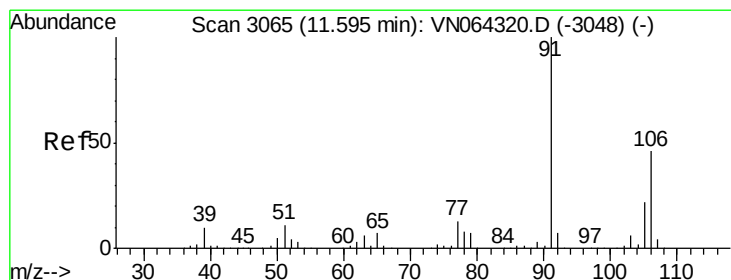
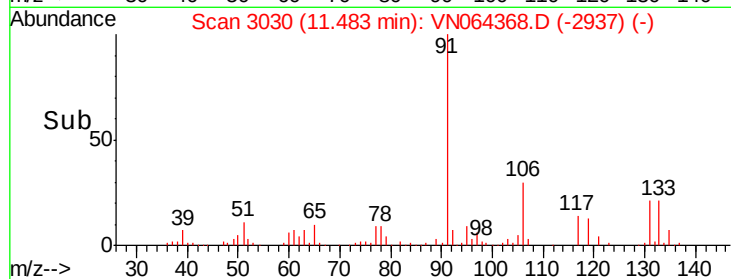
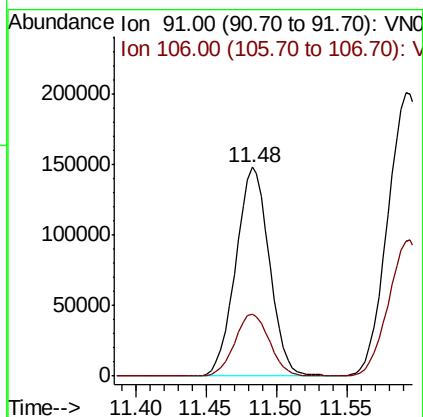
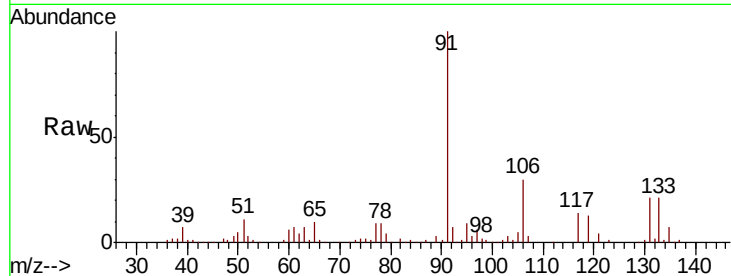




#67
Ethyl Benzene
Concen: 18.083 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

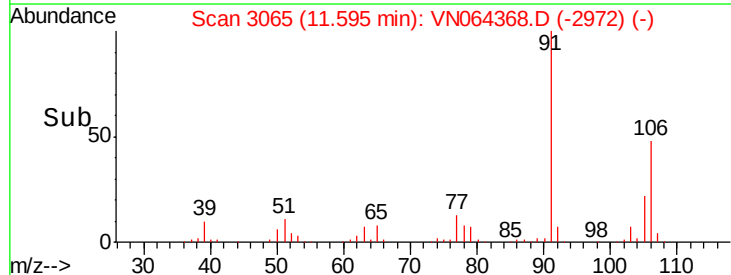
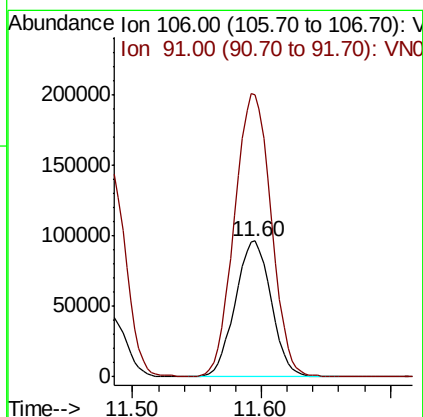
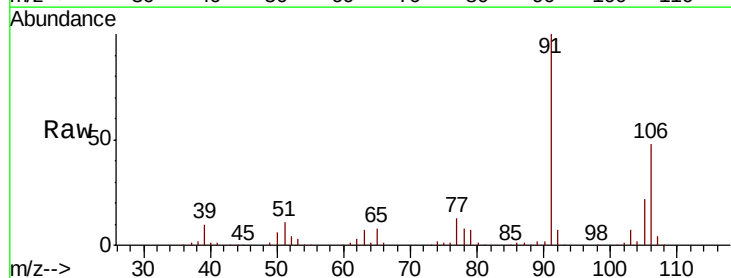
Instrument :
MSVOA_N
ClientSampled :
VN1029WBSD01

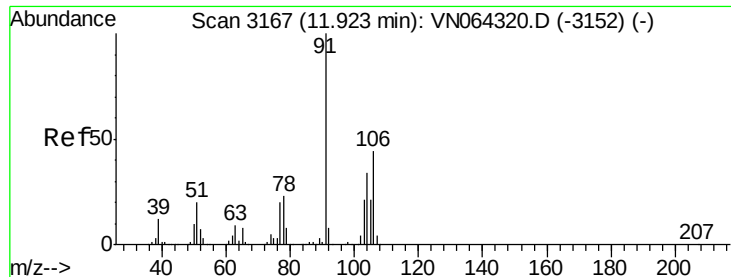
Tot Ion: 91 Resp: 248363
Ion Ratio Lower Upper
91 100
106 29.6 23.7 35.5



#68
m/p-Xylenes
Concen: 36.836 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion: 106 Resp: 187492
Ion Ratio Lower Upper
106 100
91 211.5 170.2 255.4

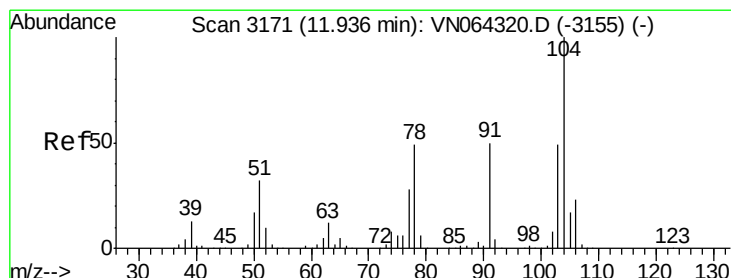
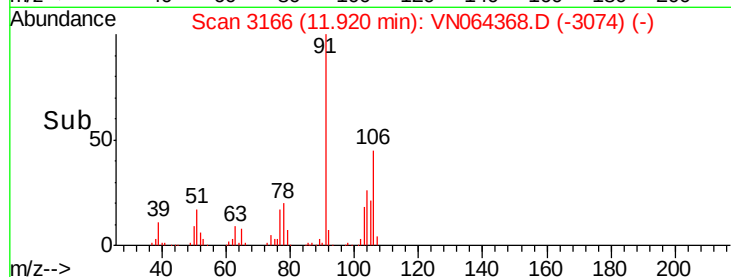
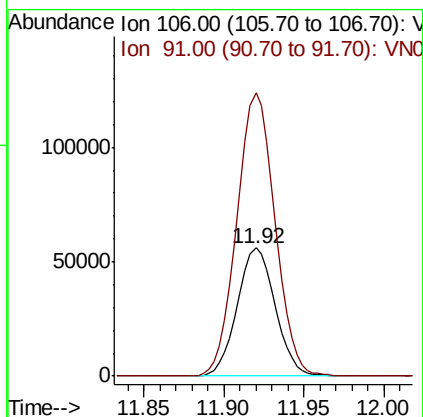
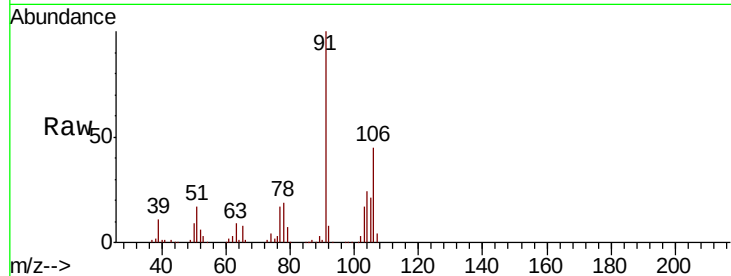




#69
o-Xylene
Concen: 18.440 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

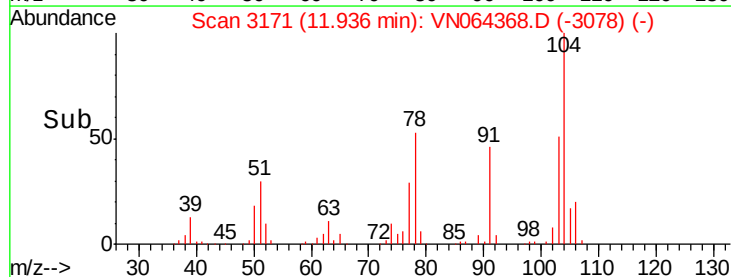
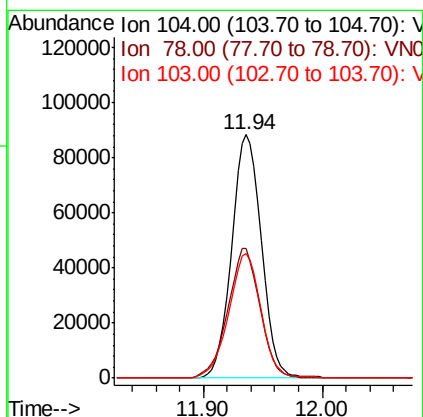
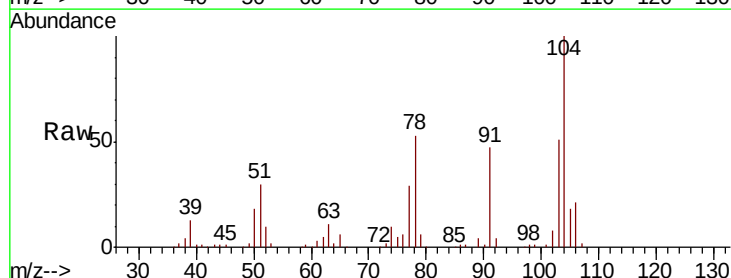
Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

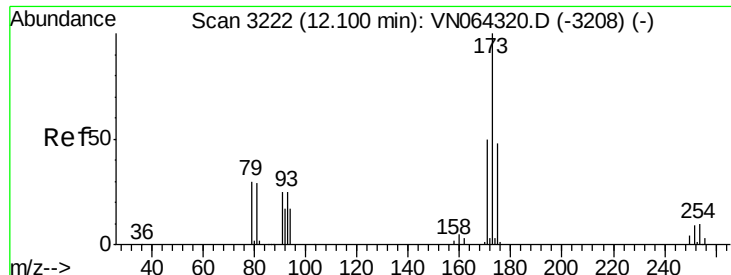
Tot Ion:106 Resp: 90425
Ion Ratio Lower Upper
106 100
91 222.5 114.5 343.5



#70
Styrene
Concen: 19.035 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion:104 Resp: 153040
Ion Ratio Lower Upper
104 100
78 57.3 43.7 65.5
103 55.2 43.3 64.9





#71

Bromoform

Concen: 19.027 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

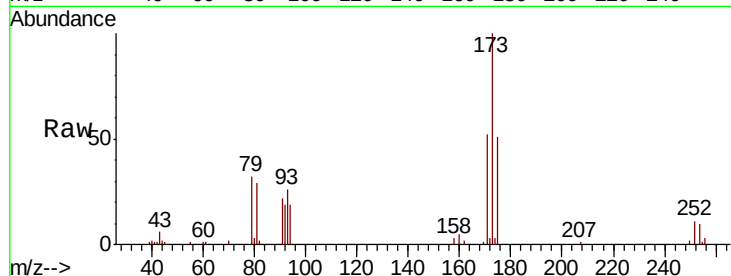
Tot Ion:173 Resp: 44590

Ion Ratio Lower Upper

173 100

175 47.4 25.4 76.0

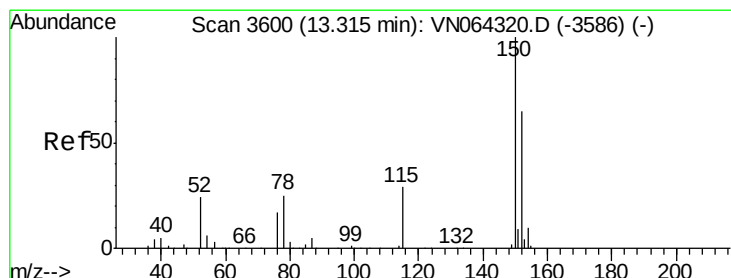
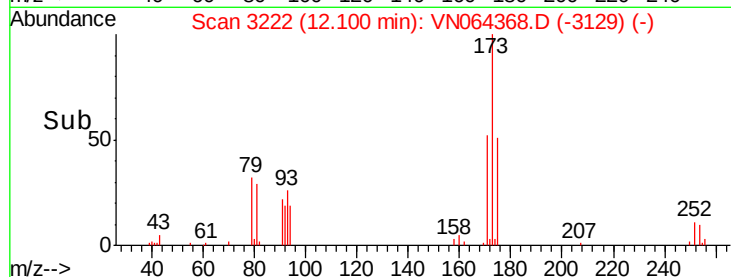
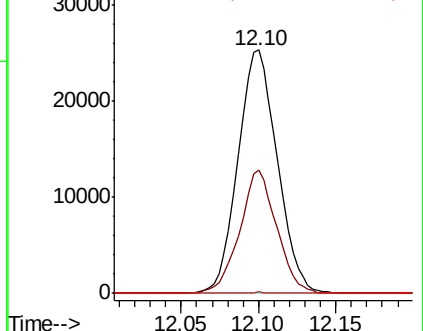
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

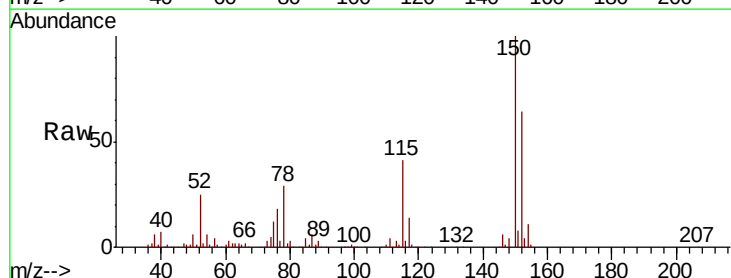
Tgt Ion:152 Resp: 166522

Ion Ratio Lower Upper

152 100

115 62.7 31.5 94.5

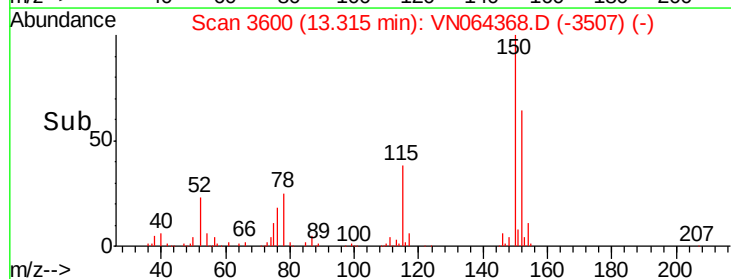
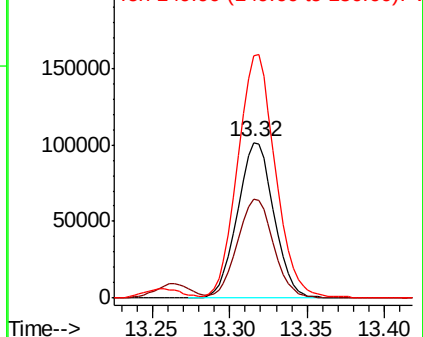
150 161.9 0.0 346.2

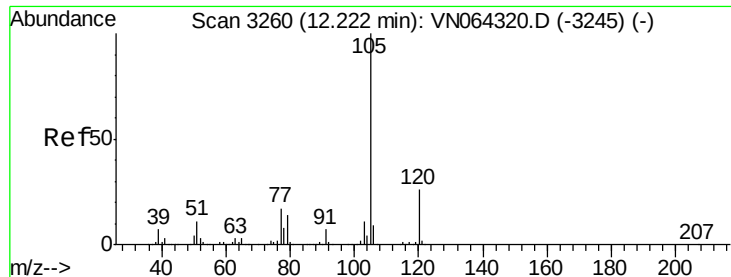


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.977 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

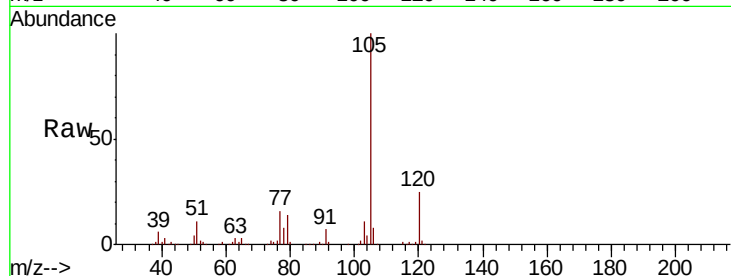
VN1029WBSD01

Tot Ion:105 Resp: 236678

Ion Ratio Lower Upper

105 100

120 24.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

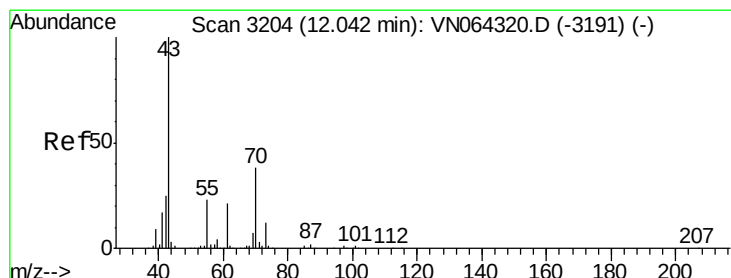
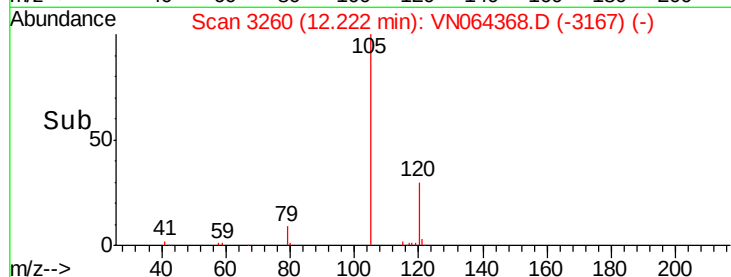
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.832 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Tgt Ion: 43 Resp: 114363

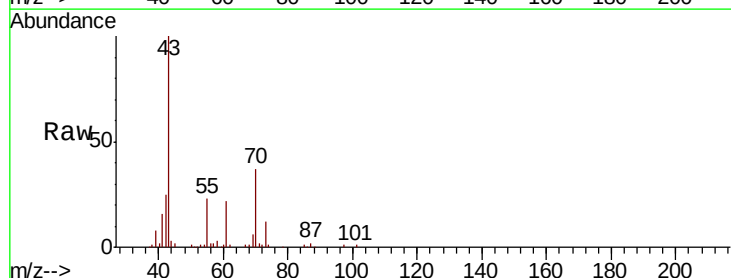
Ion Ratio Lower Upper

43 100

70 37.0 30.6 45.8

55 23.1 18.2 27.4

61 21.3 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

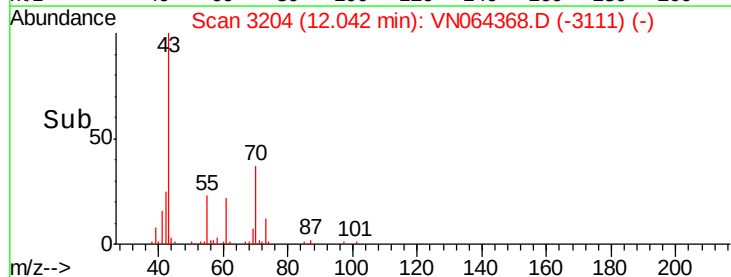
60000

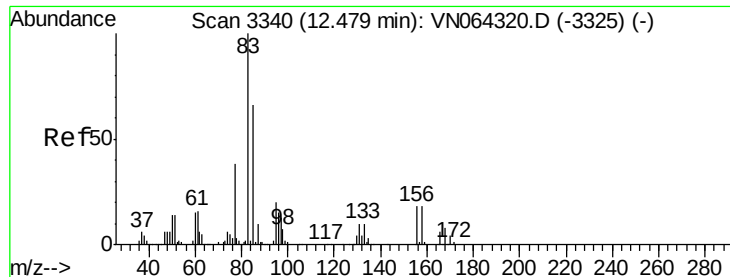
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.209 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

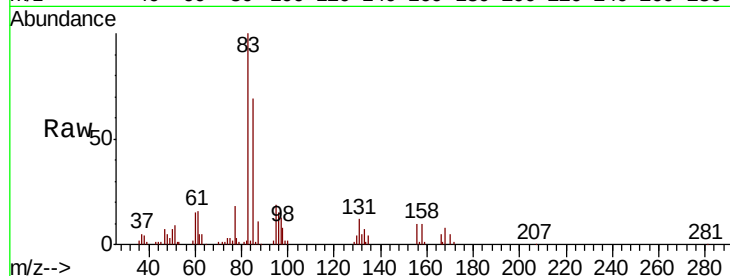
Tot Ion: 83 Resp: 73262

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

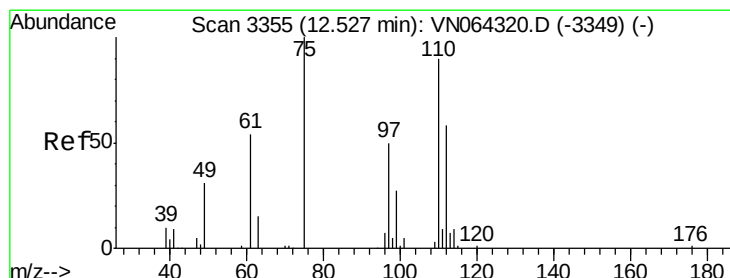
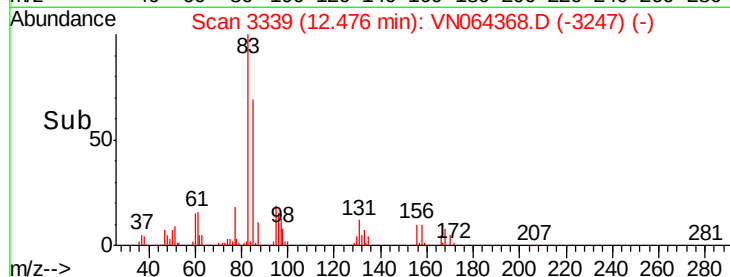
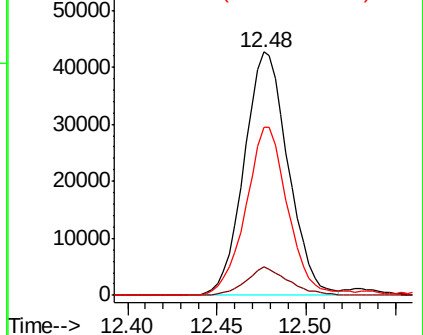
85 66.3 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064320.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 27.068 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064368.D

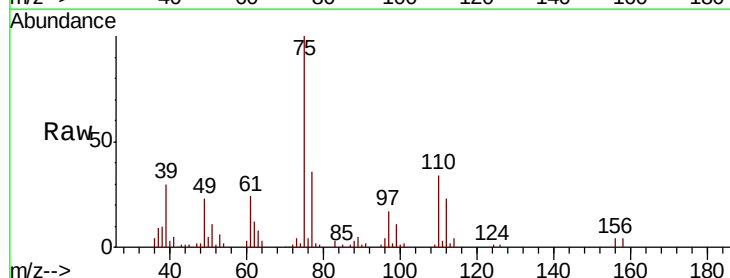
Acq: 29 Oct 2020 12:59

Tgt Ion: 75 Resp: 107941

Ion Ratio Lower Upper

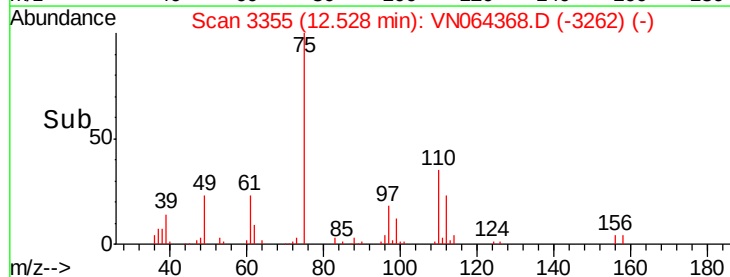
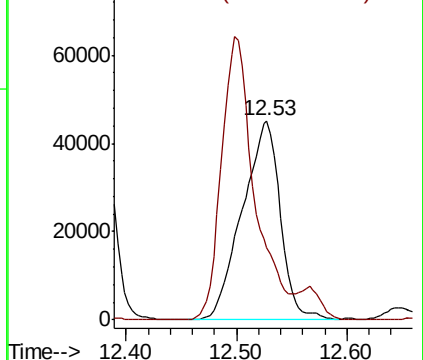
75 100

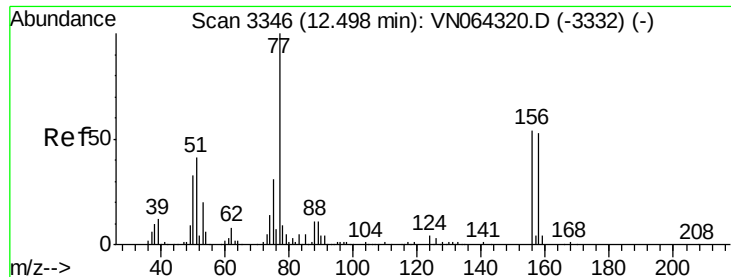
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064320.D (-3349) (-)





#77

Bromobenzene

Concen: 19.606 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

VN1029WBSD01

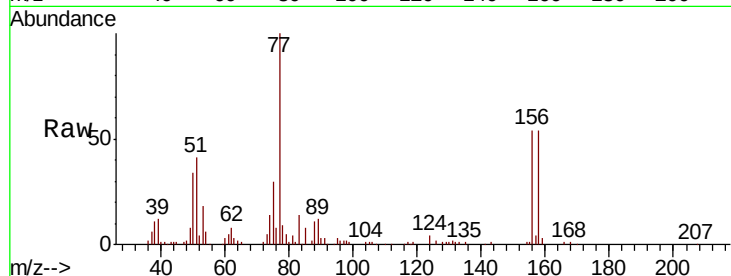
Tot Ion:156 Resp: 59879

Ion Ratio Lower Upper

156 100

77 223.4 111.9 335.7

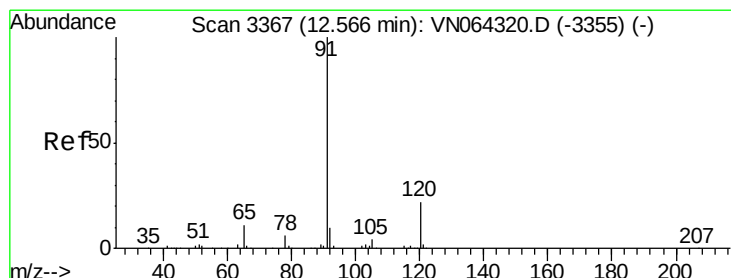
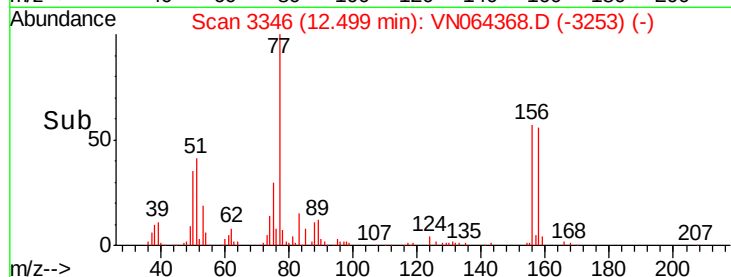
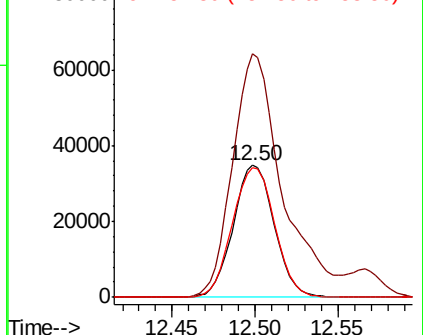
158 101.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.877 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064368.D

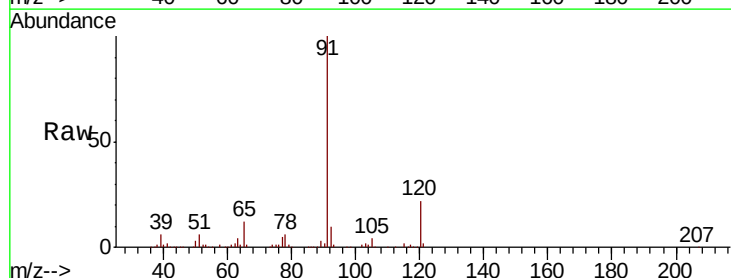
Acq: 29 Oct 2020 12:59

Tgt Ion: 91 Resp: 252429

Ion Ratio Lower Upper

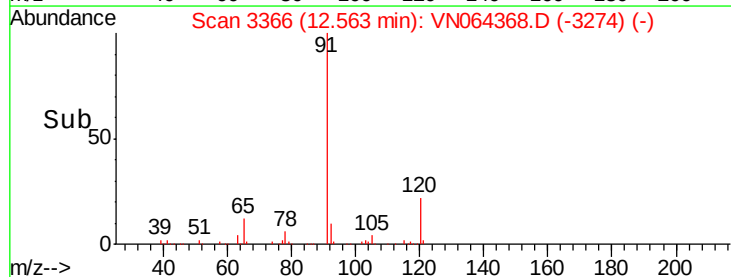
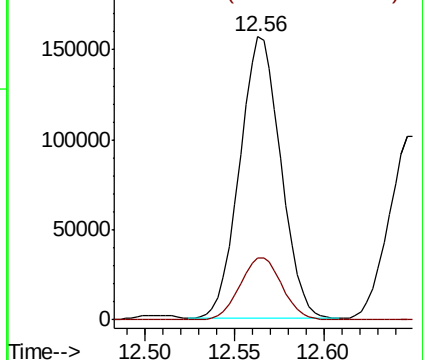
91 100

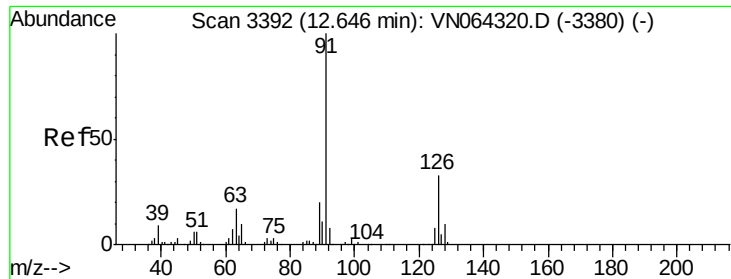
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.188 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

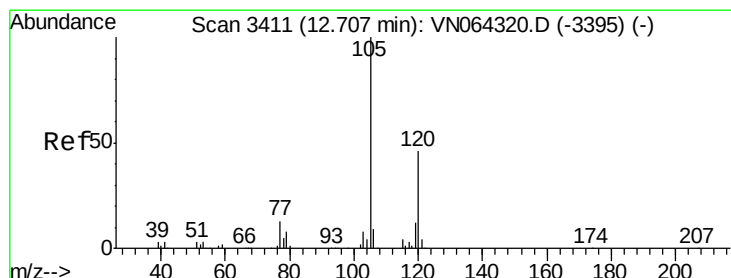
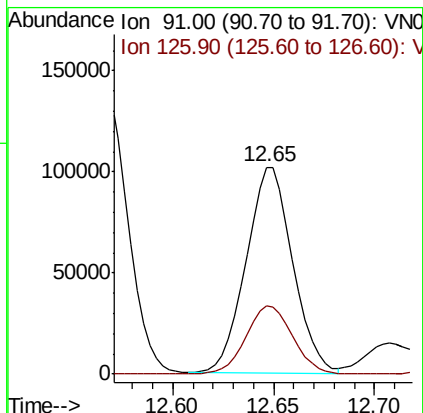
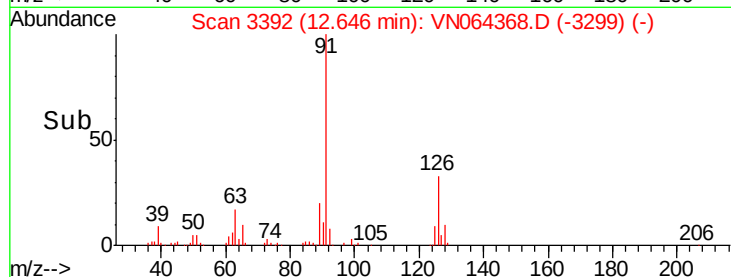
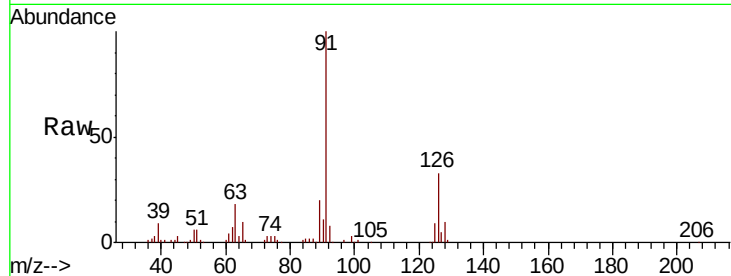
VN1029WBSD01

Tot Ion: 91 Resp: 164165

Ion Ratio Lower Upper

91 100

126 33.4 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 18.013 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064368.D

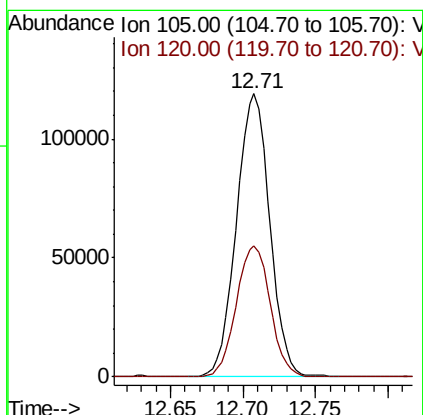
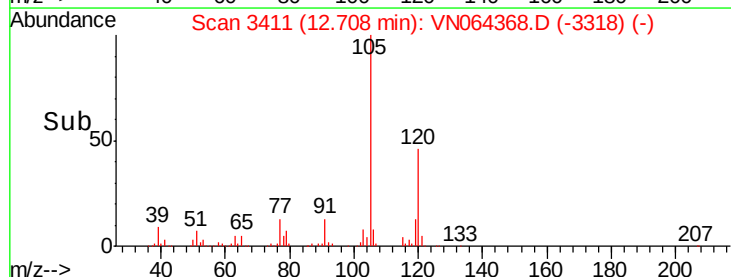
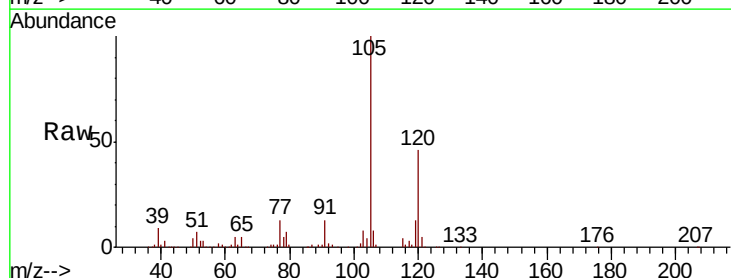
Acq: 29 Oct 2020 12:59

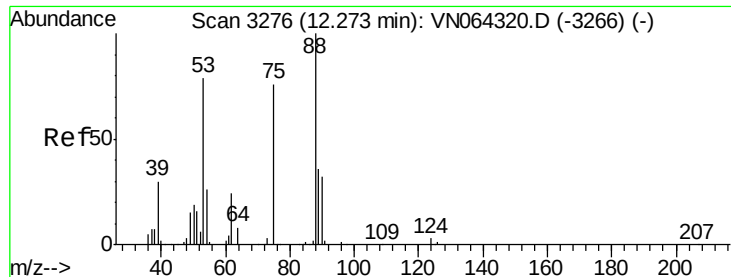
Tgt Ion: 105 Resp: 190095

Ion Ratio Lower Upper

105 100

120 47.1 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.516 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

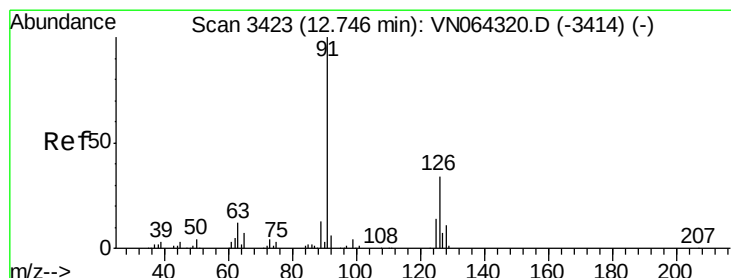
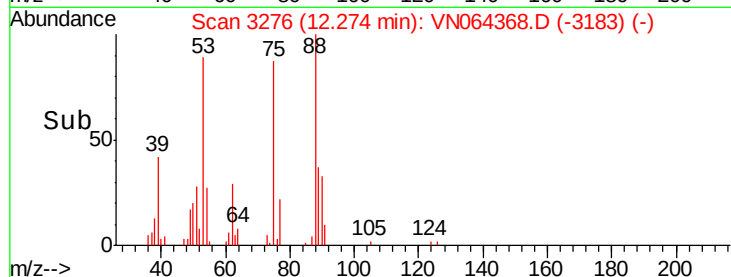
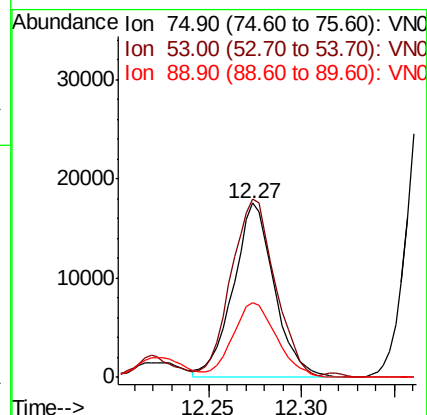
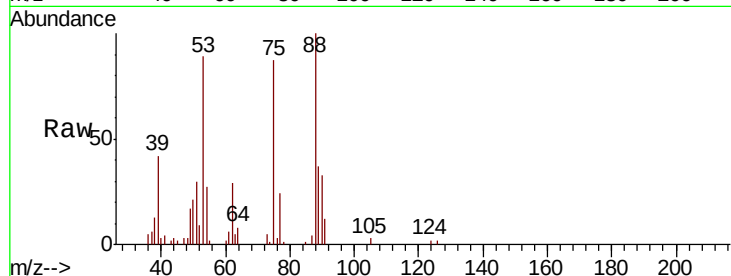
Tot Ion: 75 Resp: 27018

Ion Ratio Lower Upper

75 100

53 107.5 81.8 122.8

89 45.6 39.9 59.9



#82

4-Chlorotoluene

Concen: 19.091 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064368.D

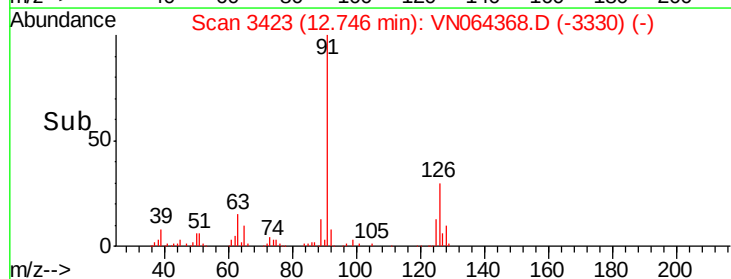
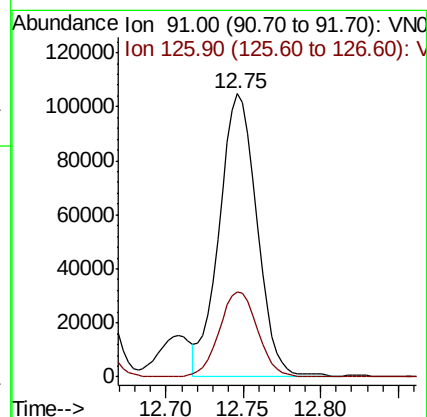
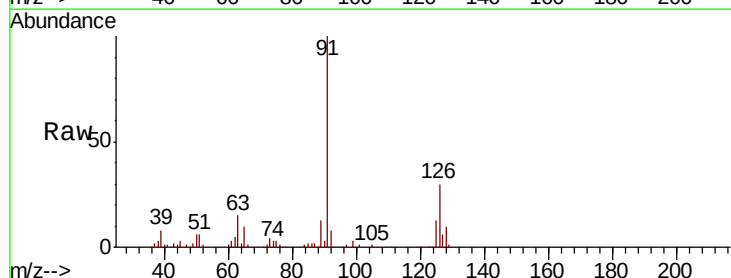
Acq: 29 Oct 2020 12:59

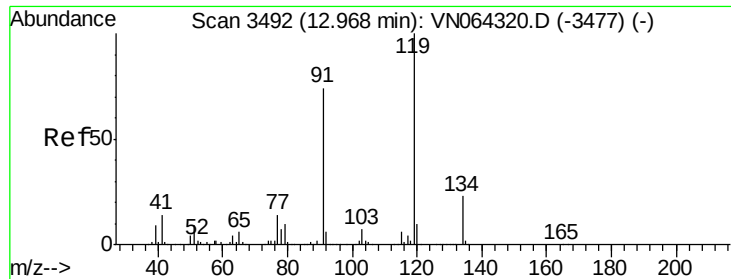
Tgt Ion: 91 Resp: 175546

Ion Ratio Lower Upper

91 100

126 31.1 15.8 47.3

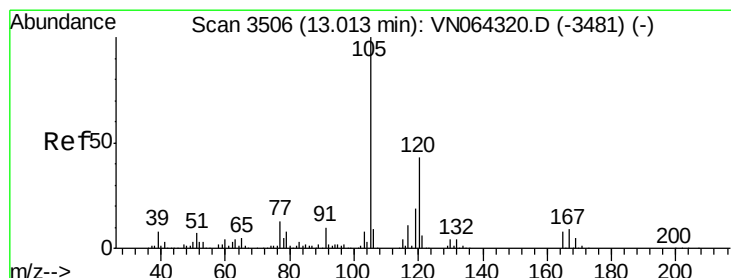
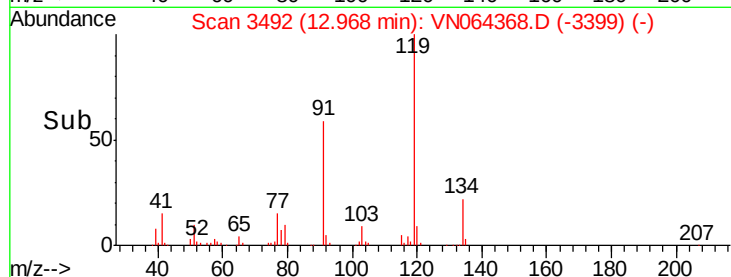
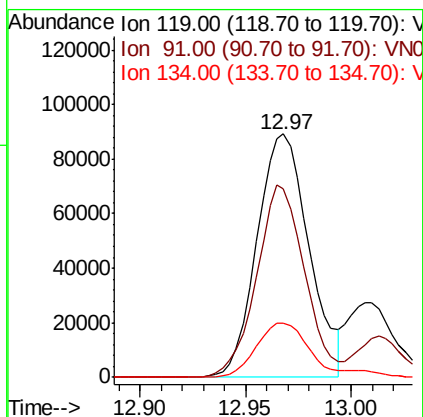
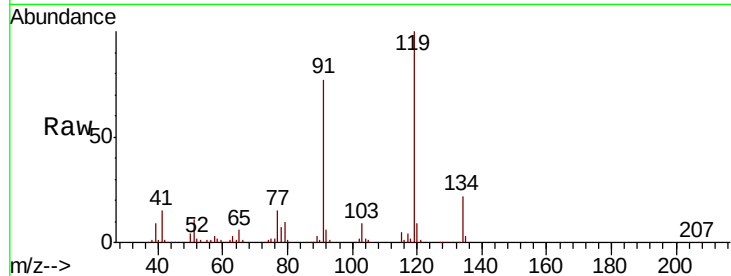




#83
 tert-Butylbenzene
 Concen: 17.672 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

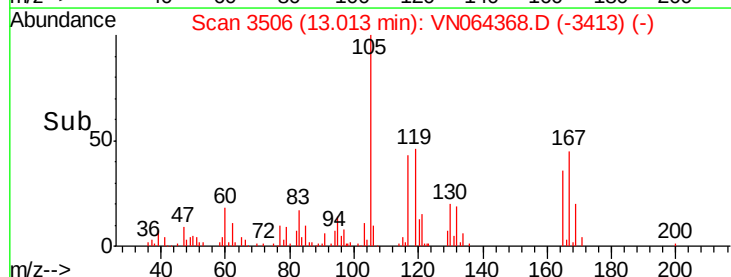
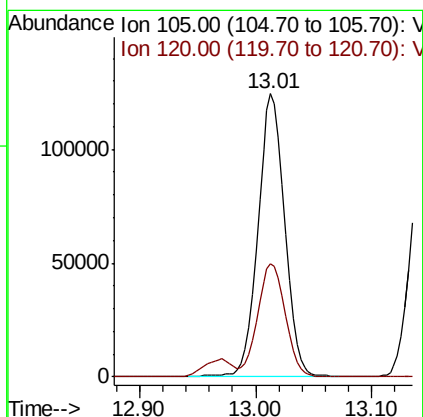
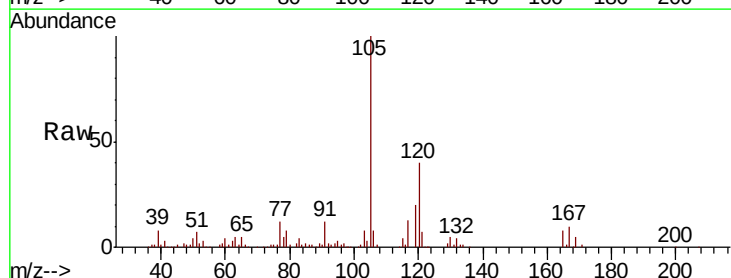
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

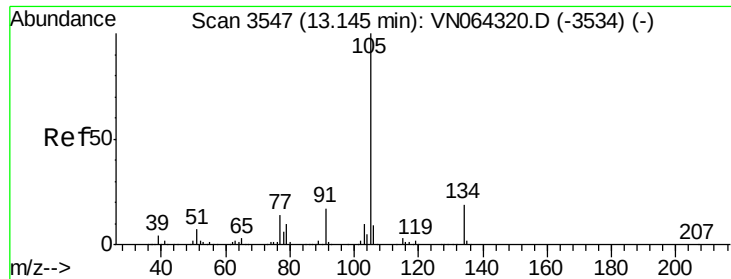
Tot Ion:119 Resp: 153037
 Ion Ratio Lower Upper
 119 100
 91 73.5 36.4 109.1
 134 22.1 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.969 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion:105 Resp: 200023
 Ion Ratio Lower Upper
 105 100
 120 41.5 21.3 64.0





#85

sec-Butylbenzene

Concen: 15.771 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

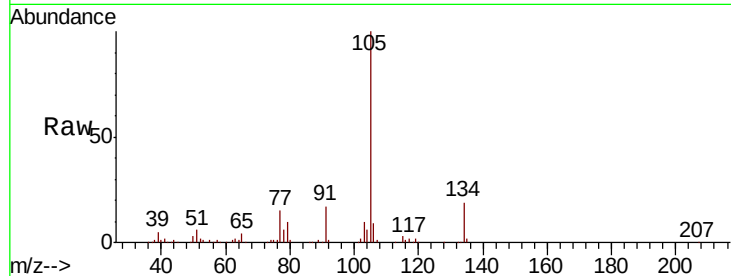
VN1029WBSD01

Tot Ion:105 Resp: 176736

Ion Ratio Lower Upper

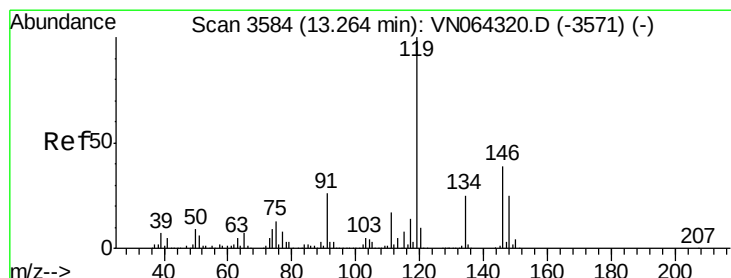
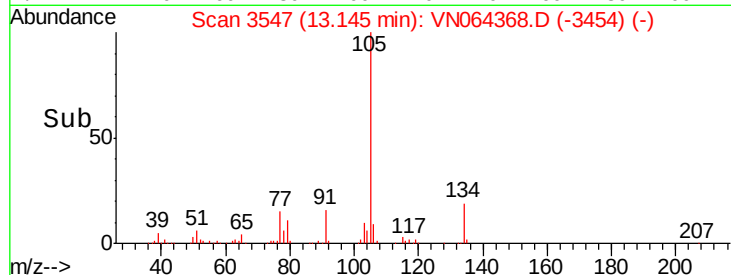
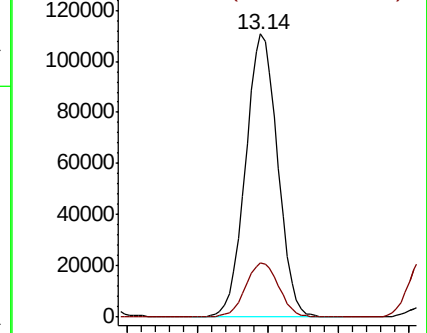
105 100

134 19.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.624 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

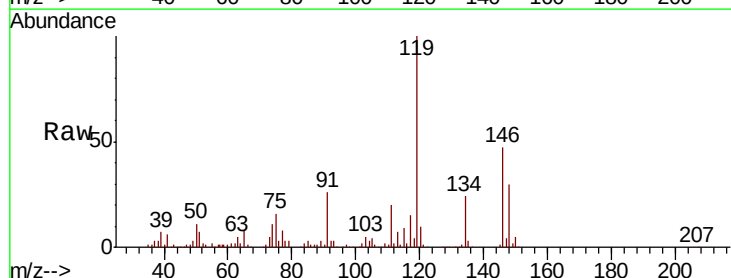
Tgt Ion:119 Resp: 167832

Ion Ratio Lower Upper

119 100

134 24.6 12.8 38.4

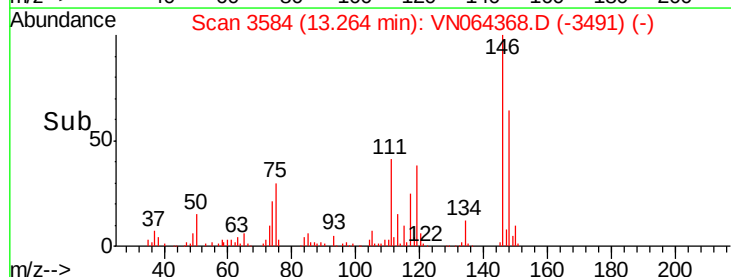
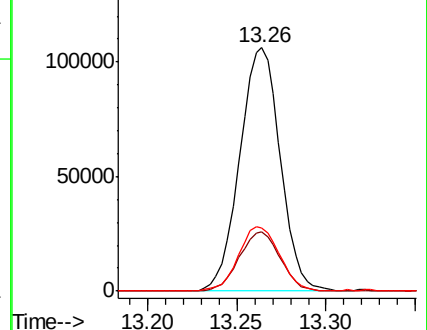
91 27.1 13.0 38.9

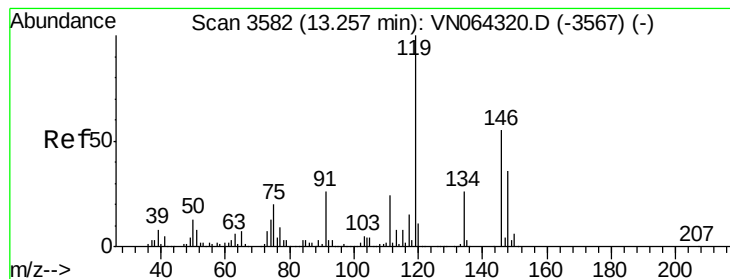


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.741 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

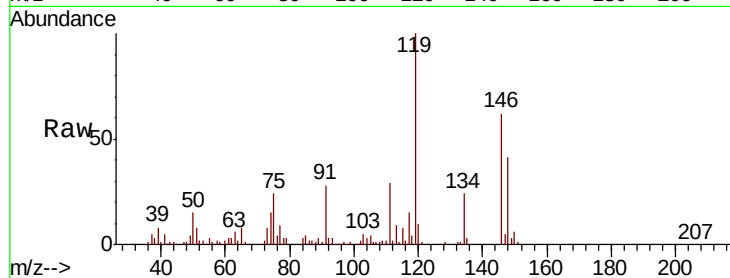
Tot Ion:146 Resp: 100197

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.5

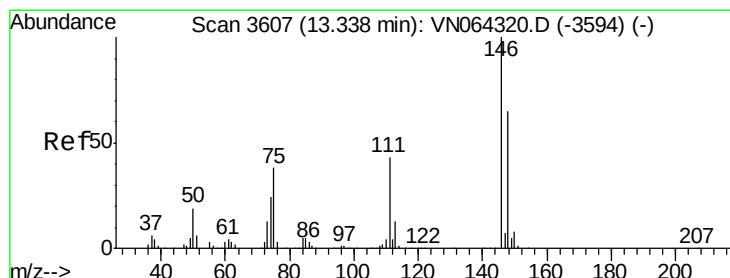
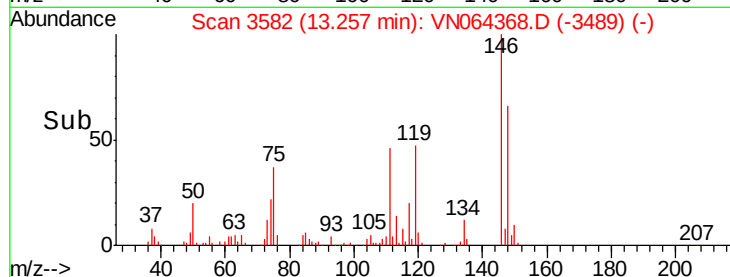
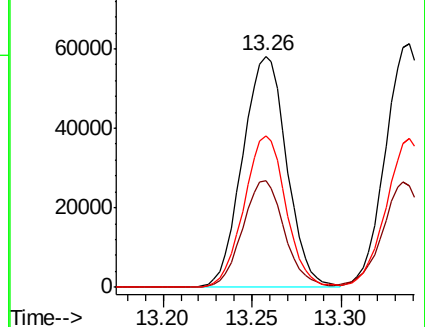
148 62.5 32.6 98.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.611 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

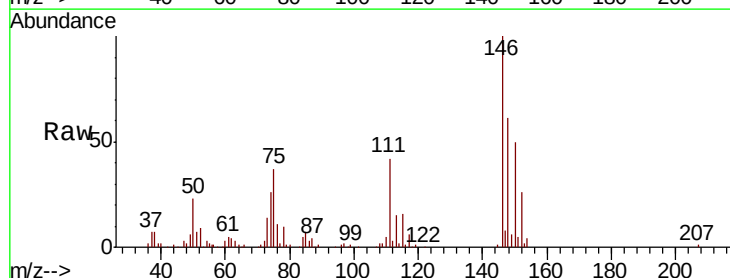
Tgt Ion:146 Resp: 101345

Ion Ratio Lower Upper

146 100

111 45.2 21.8 65.4

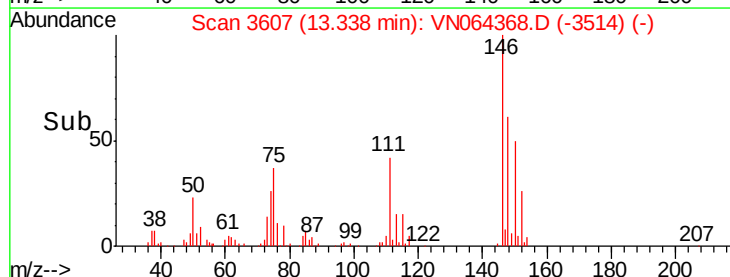
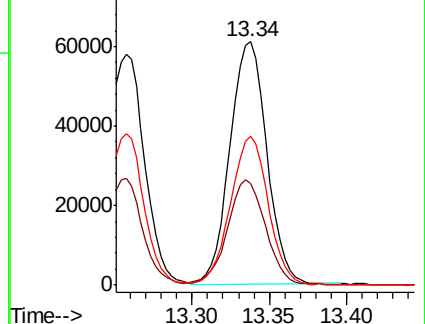
148 61.8 31.8 95.3

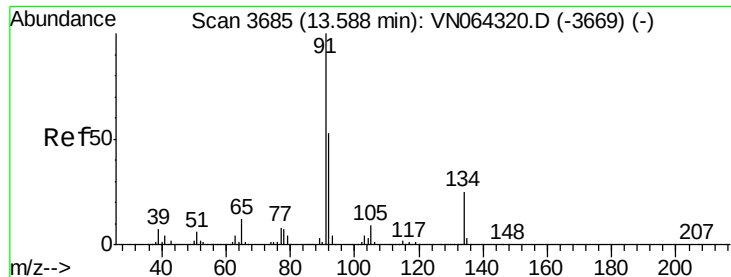


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 15.359 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

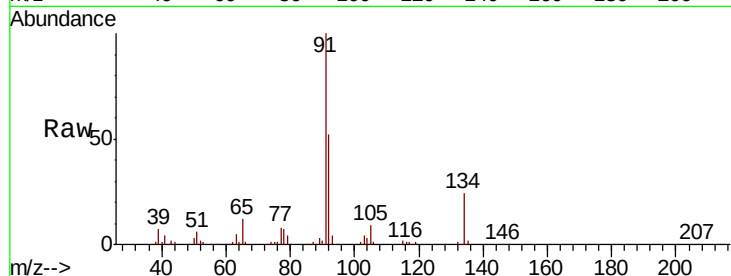
Tot Ion: 91 Resp: 136600

Ion Ratio Lower Upper

91 100

92 51.5 26.2 78.5

134 24.1 12.4 37.4

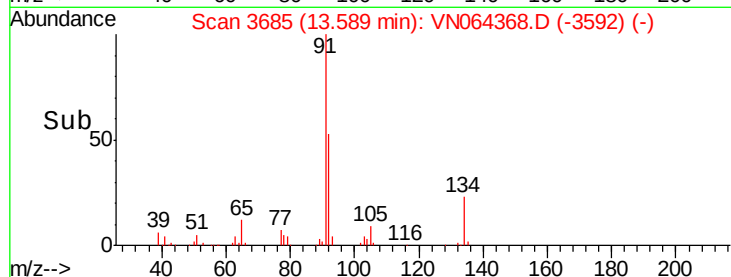


Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN064320.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN064320.D (-3669) (-)

Time--> 13.50 13.55 13.60 13.65

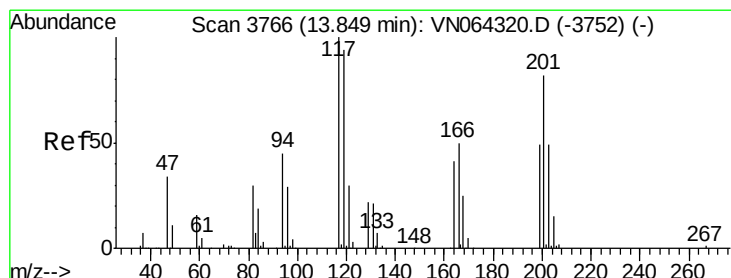


Abundance Ion 91.00 (90.70 to 91.70): VN064368.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN064368.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN064368.D (-3592) (-)

Time--> 13.50 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 16.376 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064368.D

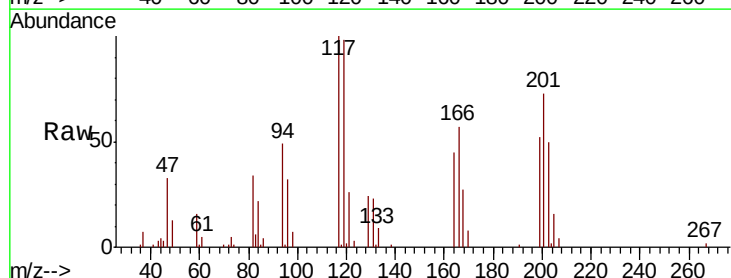
Acq: 29 Oct 2020 12:59

Tgt Ion: 117 Resp: 31049

Ion Ratio Lower Upper

117 100

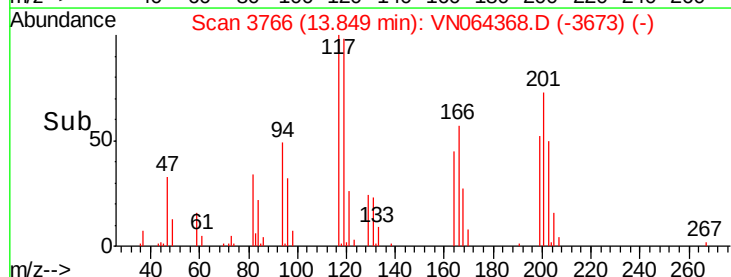
201 77.4 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VN064320.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN064320.D (-3752) (-)

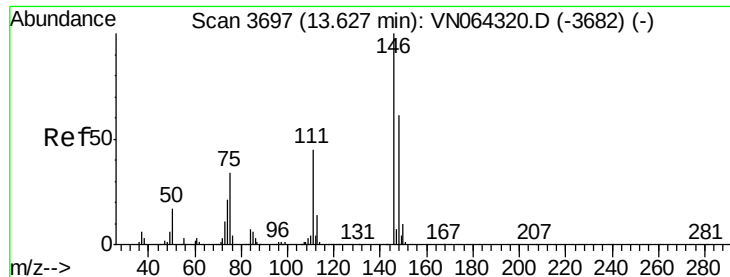
Time--> 13.80 13.85 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN064368.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN064368.D (-3673) (-)

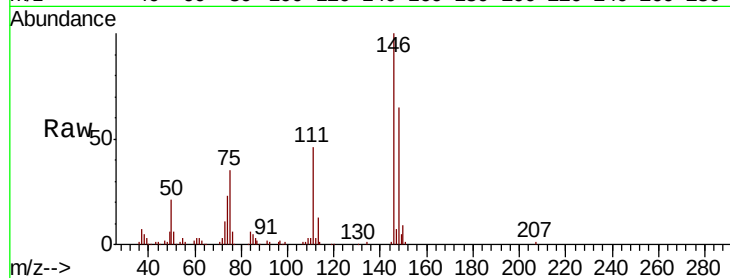
Time--> 13.80 13.85 13.90



#91
 1,2-Dichlorobenzene
 Concen: 19.247 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.0	69.0
148	63.0	32.1	96.3

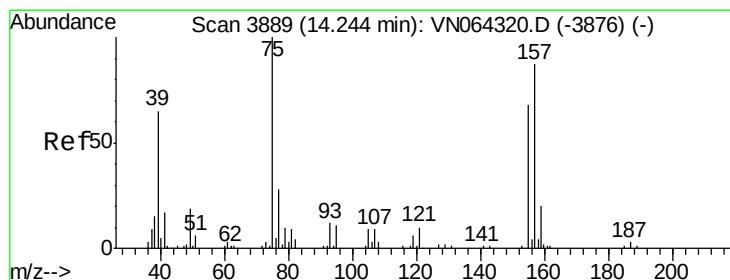
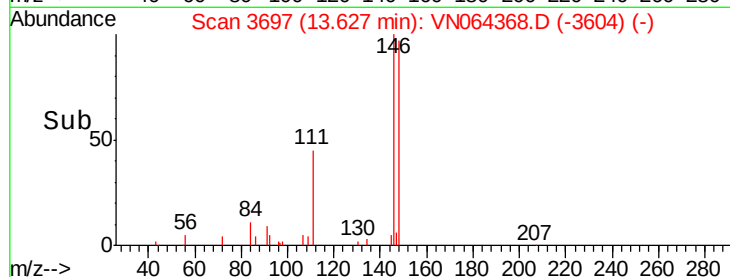
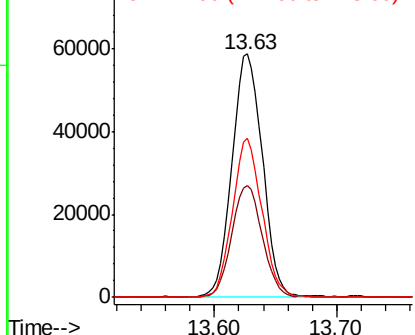


Abundance

Ion 145.90 (145.60 to 146.60): V

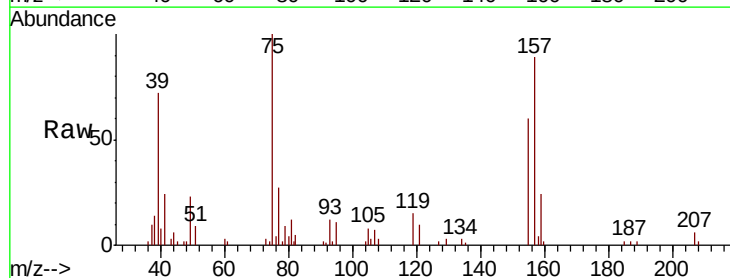
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.039 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.7	35.1	105.5
157	87.3	43.2	129.6

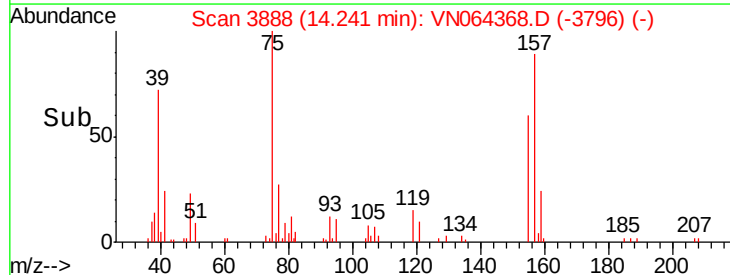
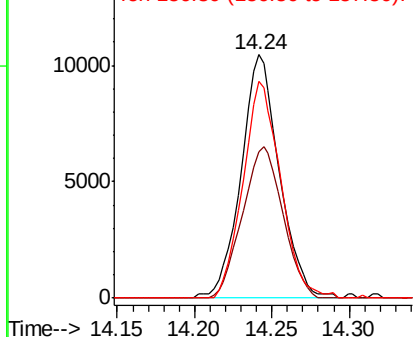


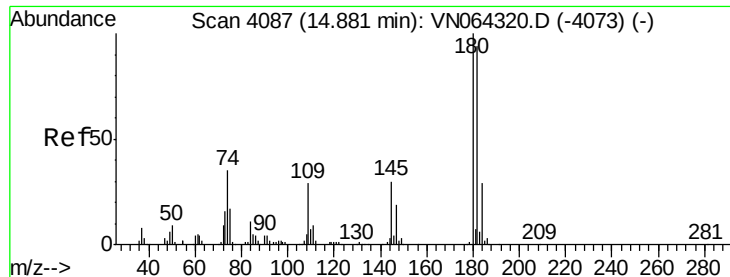
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

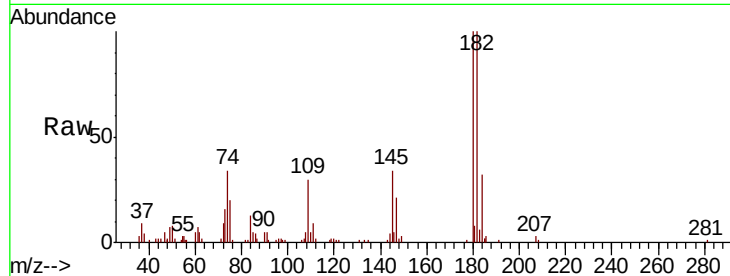




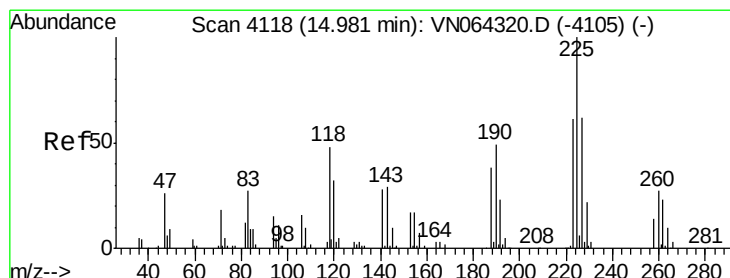
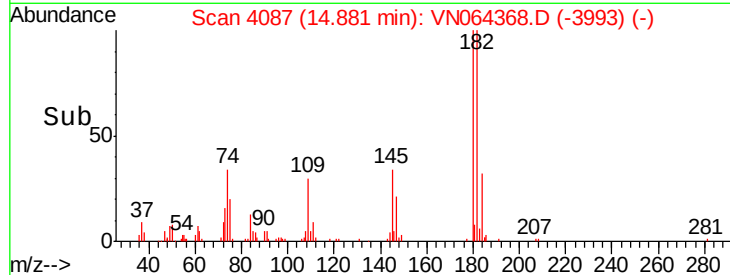
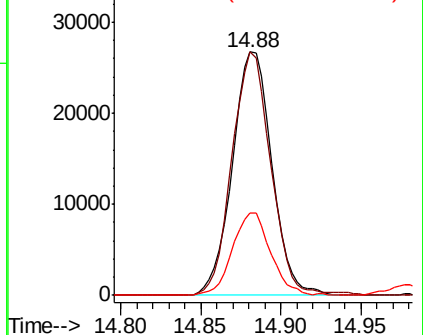
#93
 1,2,4-Trichlorobenzene
 Concen: 16.136 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Tot Ion:180 Resp: 44943
 Ion Ratio Lower Upper
 180 100
 182 98.3 46.6 139.7
 145 32.5 15.3 45.9

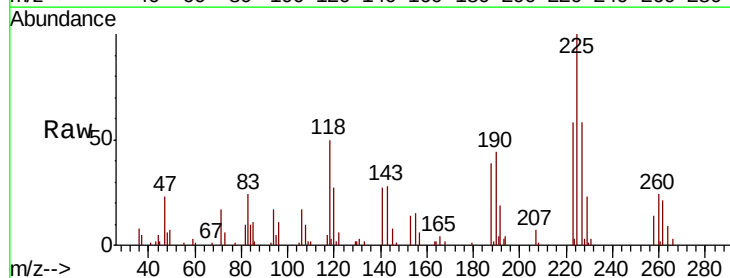


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

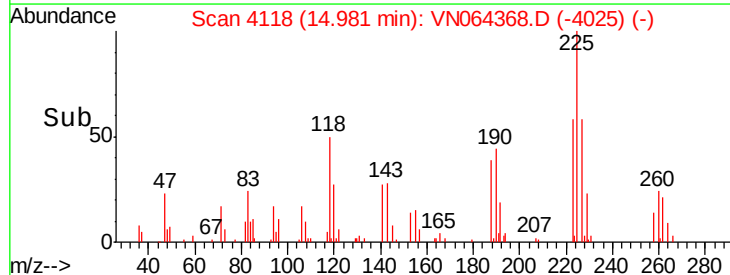
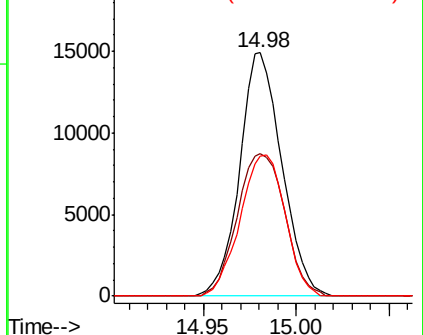


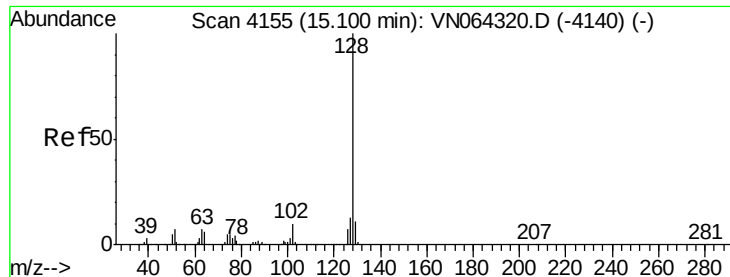
#94
 Hexachlorobutadiene
 Concen: 14.448 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion:225 Resp: 23567
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.3 93.8
 227 61.7 32.3 96.9



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

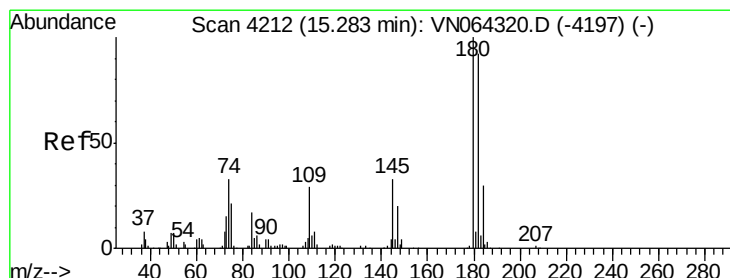
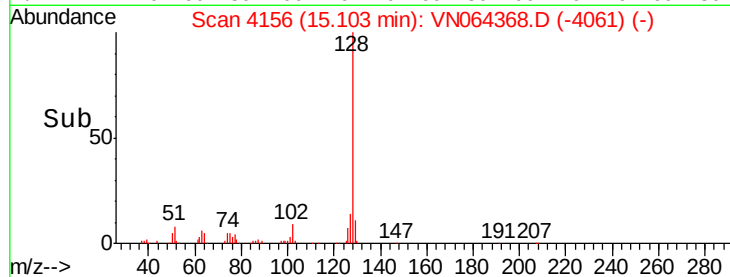
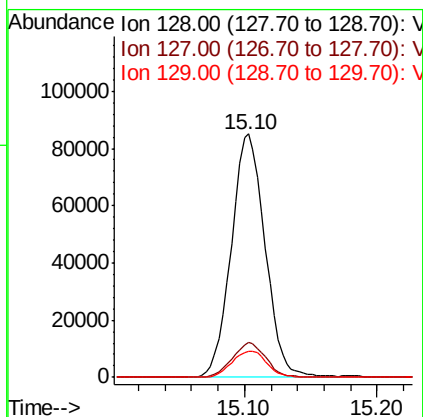
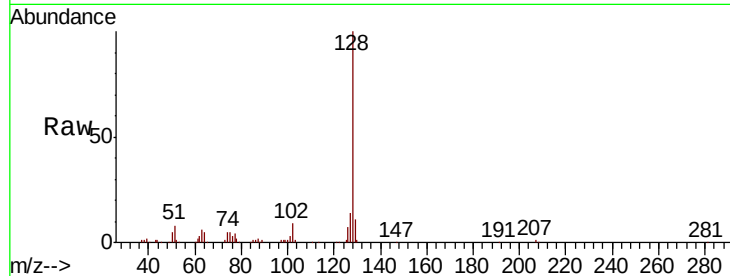




#95
Naphthalene
Concen: 17.644 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Tot Ion:128 Resp: 150791
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.148 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion:180 Resp: 43001
Ion Ratio Lower Upper
180 100
182 100.8 46.1 138.3
145 34.6 16.2 48.5

