

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

Manual Integrations
 APPROVED

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 10/30/2020 1:35:31 PM

Quant Time: Oct 30 06:44:17 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

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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	72081m	18.076	ug/l	
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

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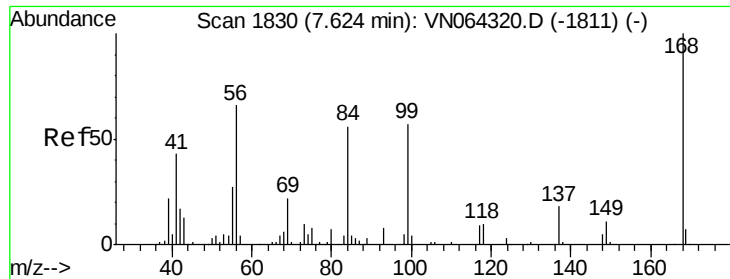
Manual Integrations
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93) 1,2,4-Trichlorobenzene	14.88	180	44943	16.136	ug/l	95
94) Hexachlorobutadiene	14.98	225	23567	14.448	ug/l	96
95) Naphthalene	15.10	128	150791	17.644	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	43001	16.148	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

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Acq: 29 Oct 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1029WBSD01

Tot Ion:168 Resp: 249436

Ion Ratio Lower Upper

168 100

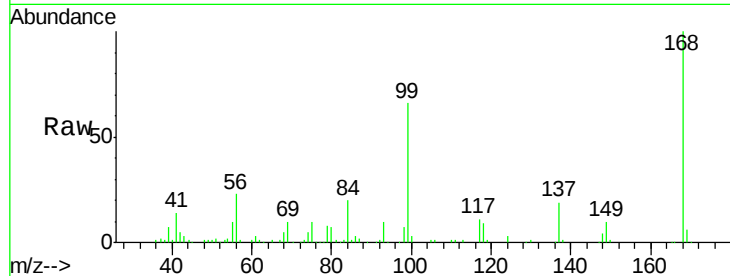
99 66.0 52.7 79.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

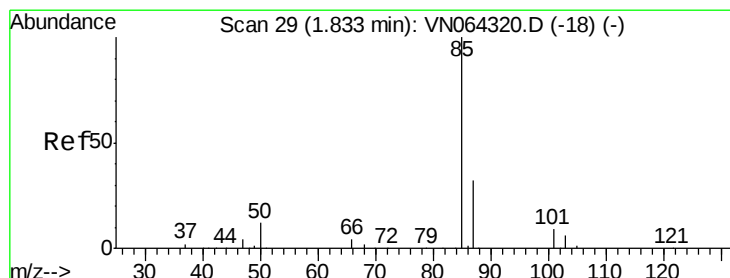
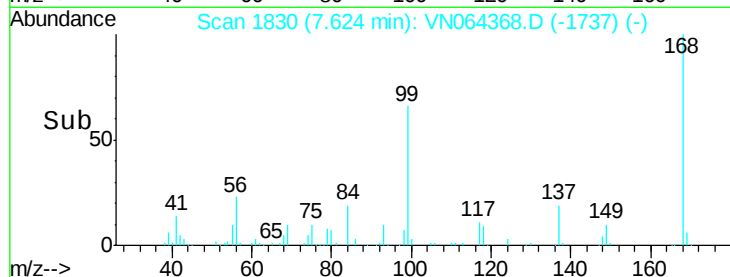
60000

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

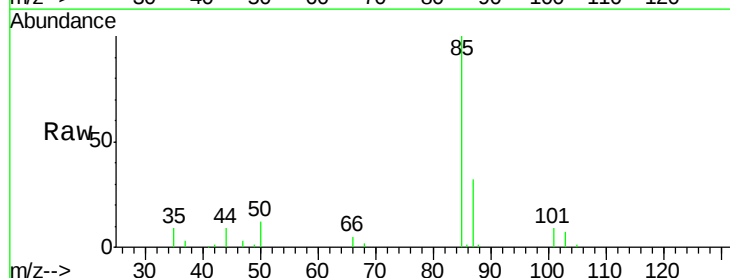
Acq: 29 Oct 2020 12:59

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): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

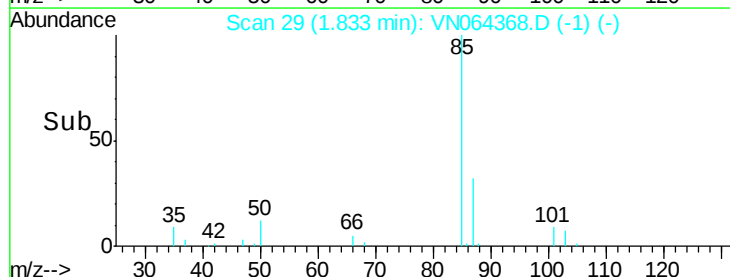
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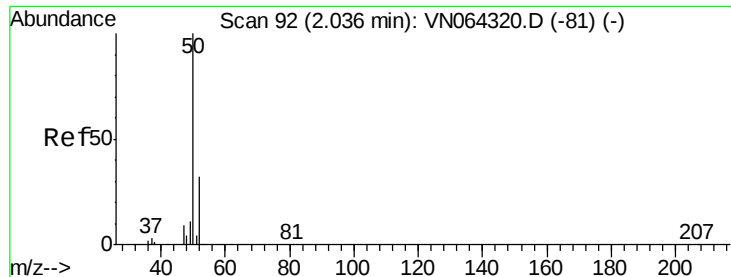
20000

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

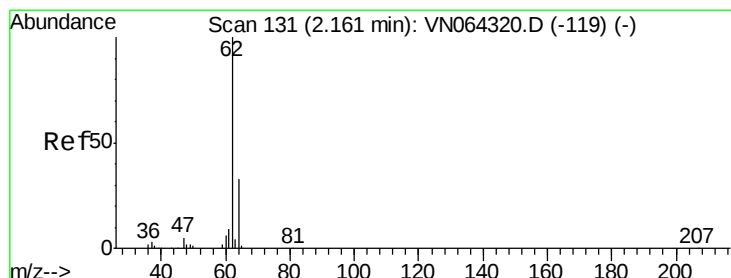
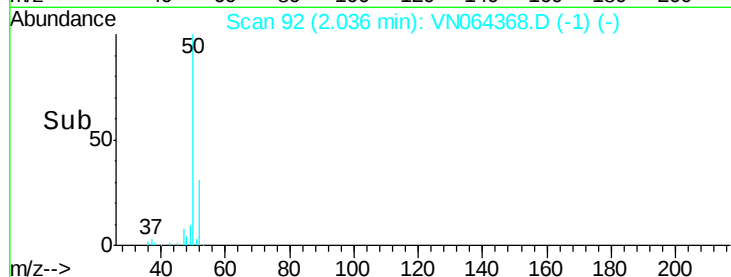
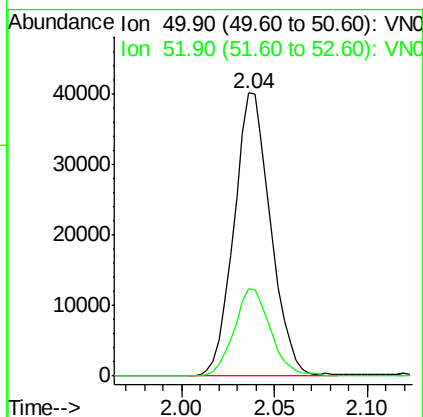
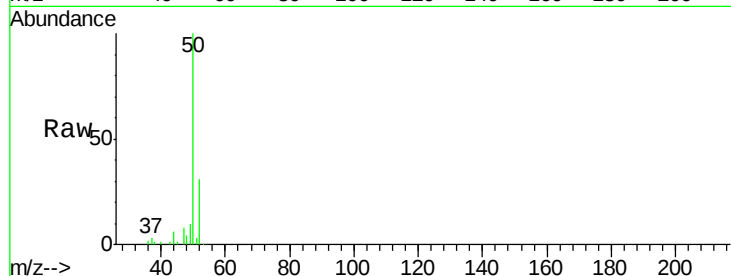
52 30.7 25.6 38.4

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#4

Vinyl Chloride

Concen: 18.425 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064368.D

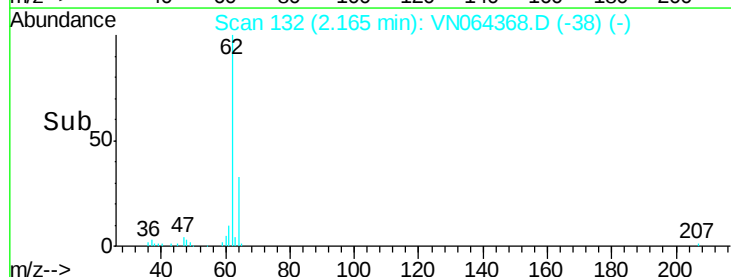
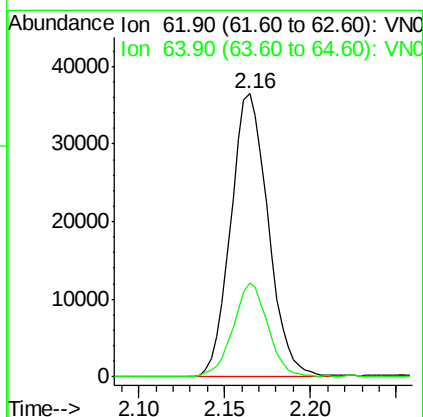
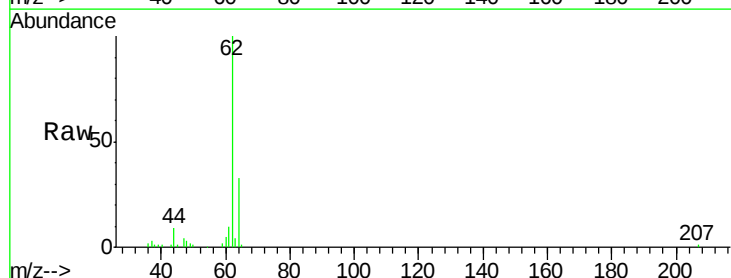
Acq: 29 Oct 2020 12:59

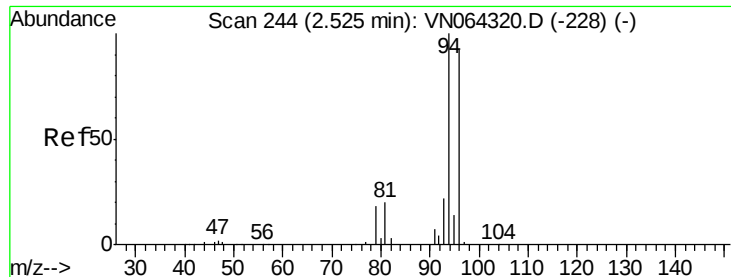
Tgt Ion: 62 Resp: 55238

Ion Ratio Lower Upper

62 100

64 33.3 26.2 39.4





#5

Bromomethane

Concen: 16.789 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064368.D

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Tot Ion: 94 Resp: 32524

Ion Ratio Lower Upper

94 100

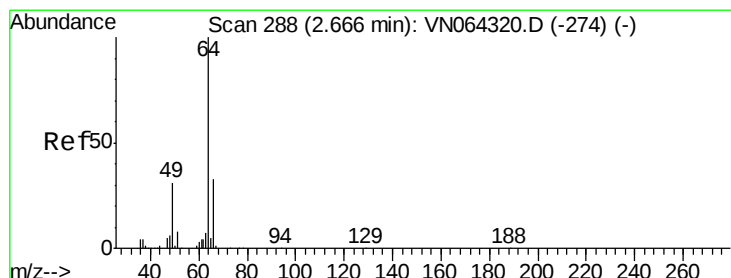
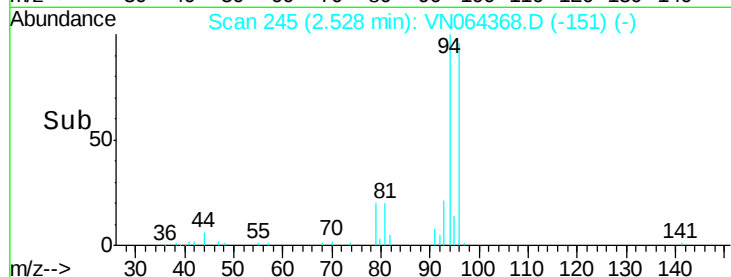
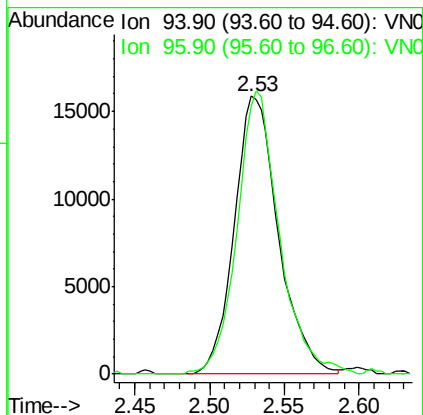
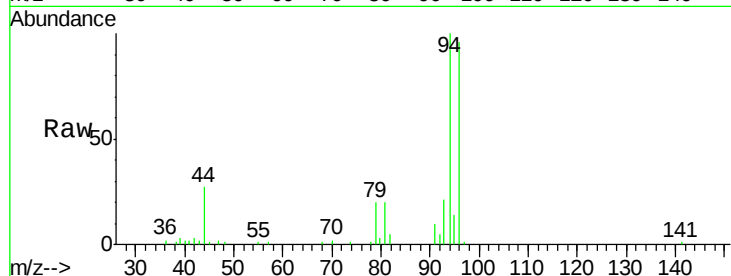
96 95.4 73.6 110.4

Manual Integrations

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#6

Chloroethane

Concen: 18.663 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064368.D

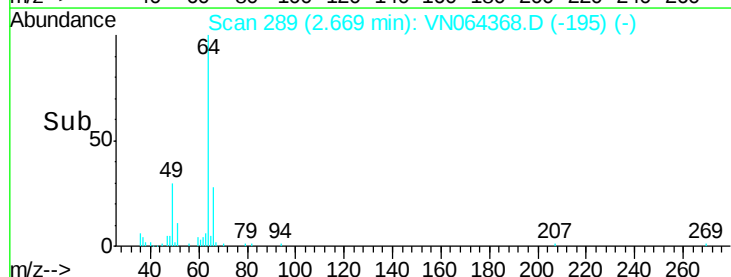
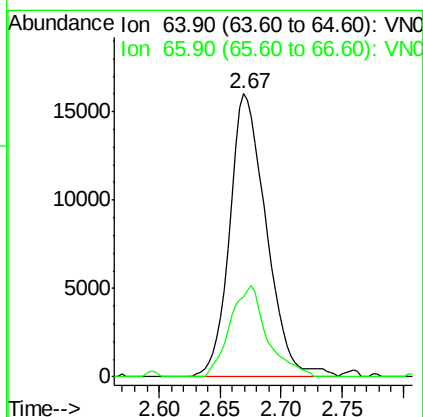
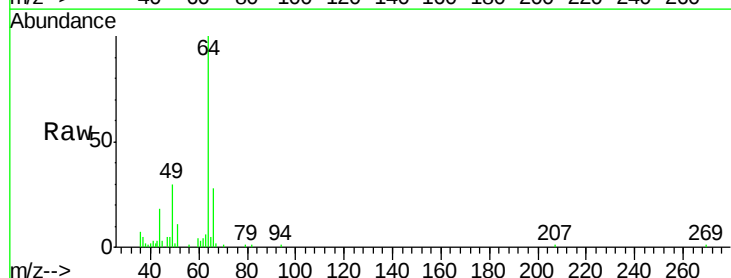
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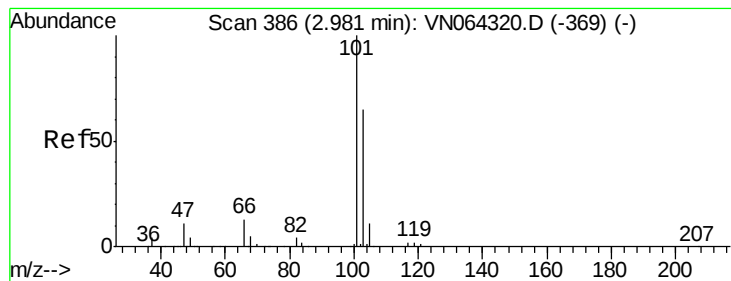
Tgt Ion: 64 Resp: 33434

Ion Ratio Lower Upper

64 100

66 28.2 26.5 39.7





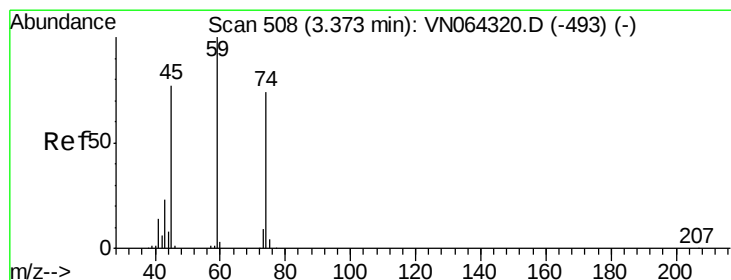
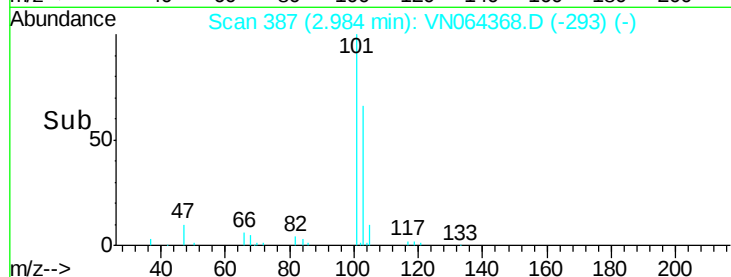
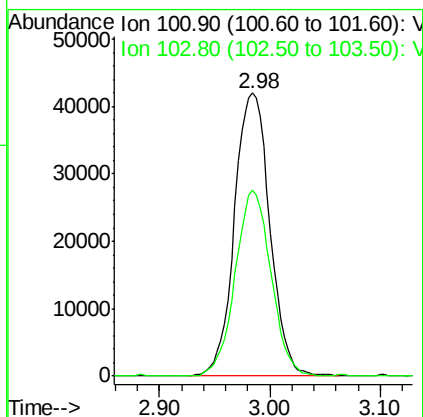
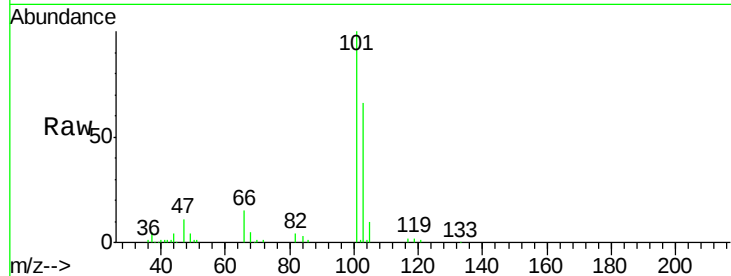
#7
 Trichlorofluoromethane
 Concen: 18.595 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

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

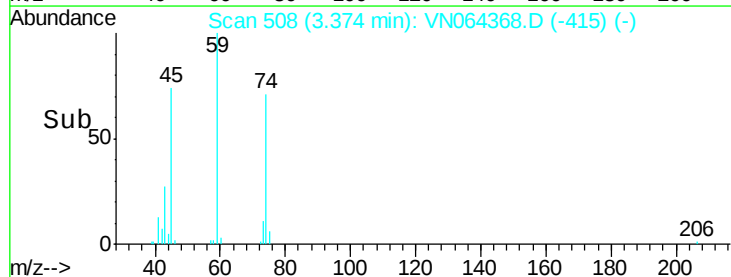
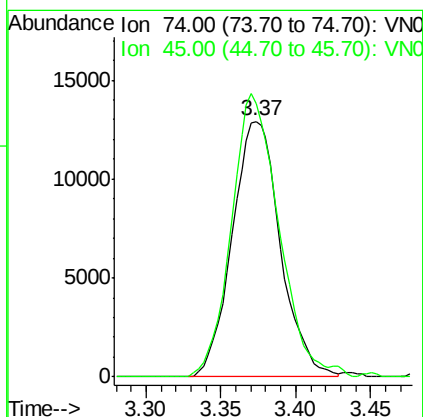
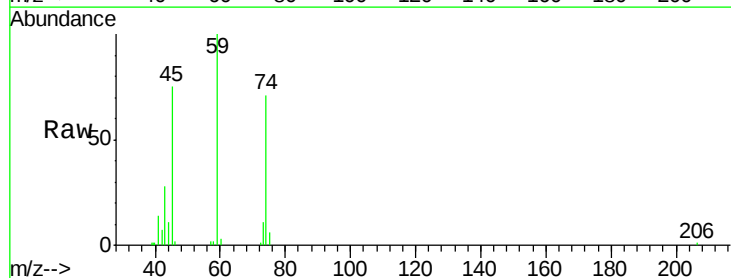
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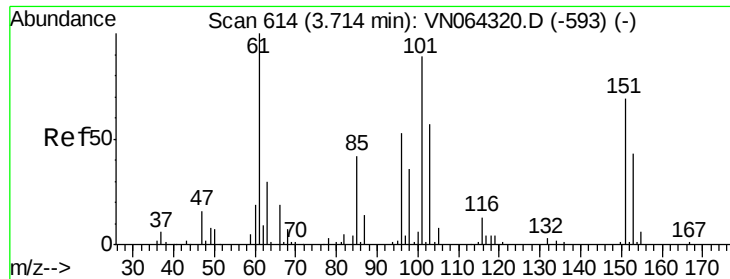
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 10/30/2020 1:35:31 PM



#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	Ratio	Lower	Upper
74	100		
45	109.6	51.3	154.0





#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

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Instrument :

MSVOA_N

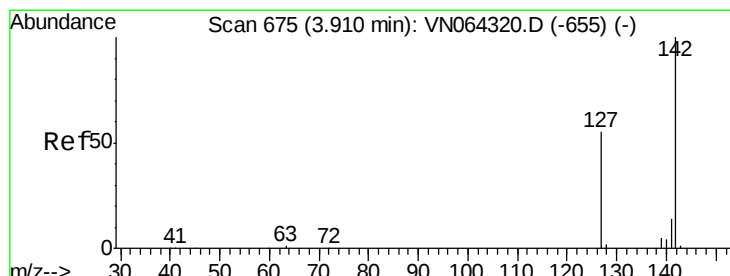
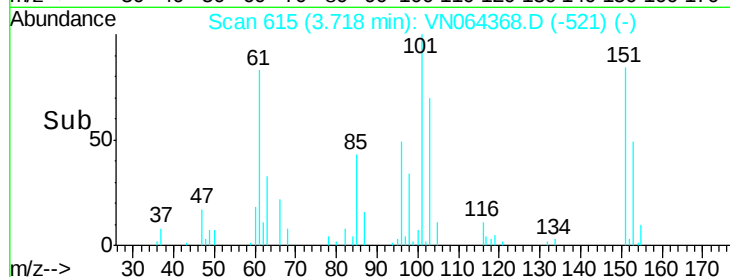
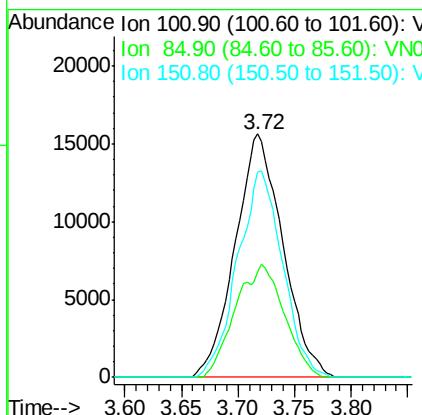
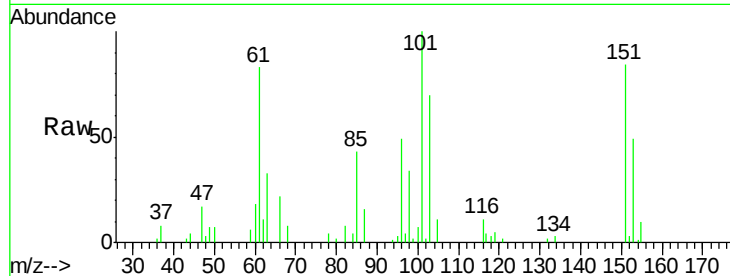
ClientSampleId :

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

Manual Integrations
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#10

Methyl Iodide

Concen: 14.882 ug/l

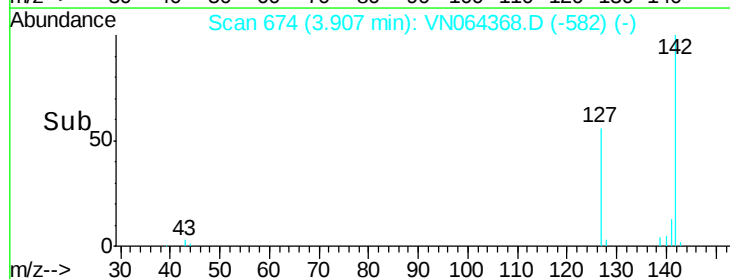
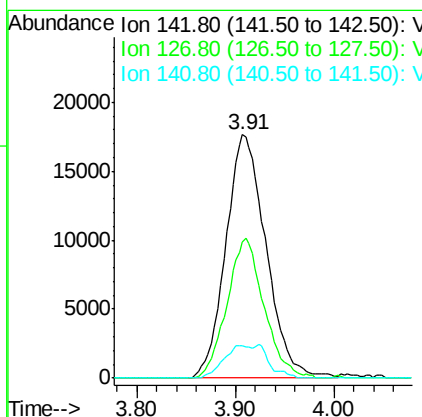
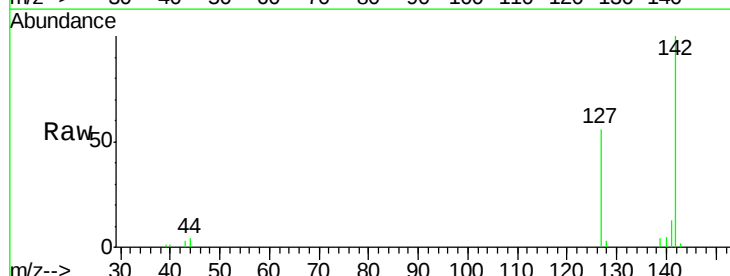
RT: 3.91 min Scan# 674

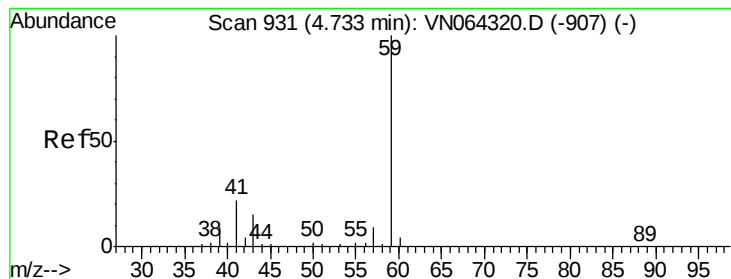
Delta R.T. -0.00 min

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#





#11

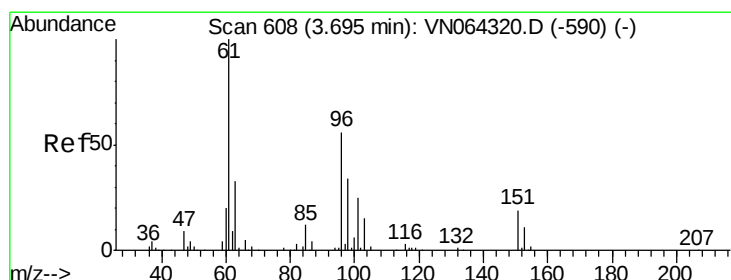
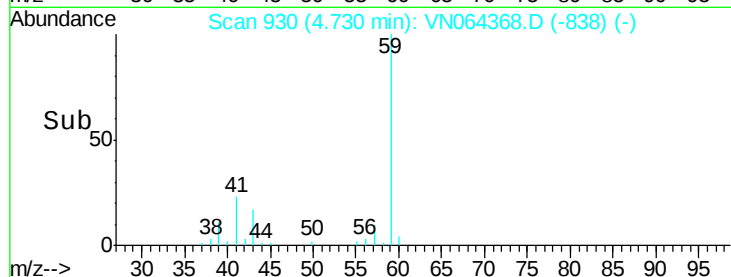
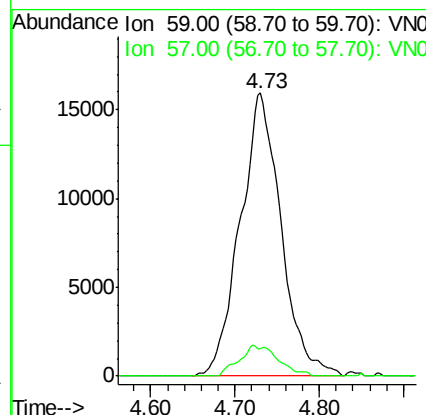
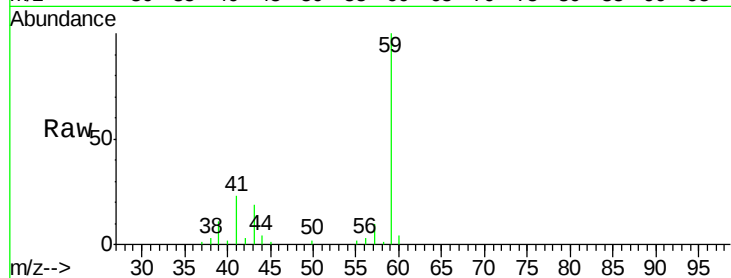
Tert butyl alcohol
 Concen: 92.407 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.7	9.4	14.0#

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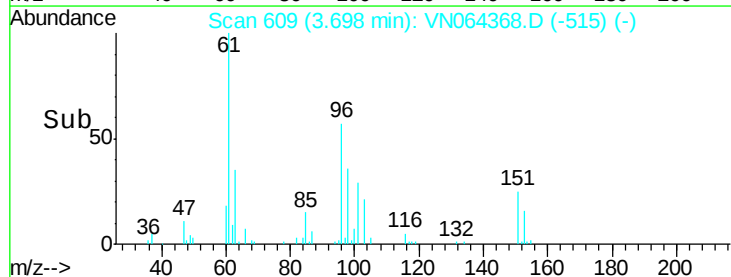
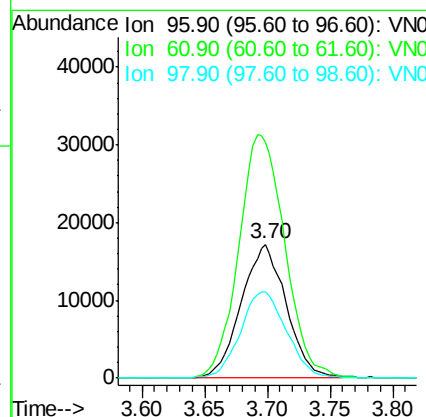
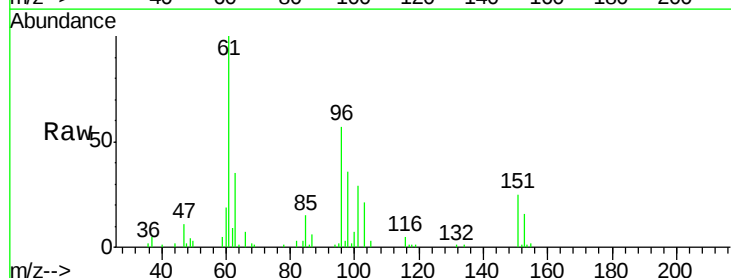
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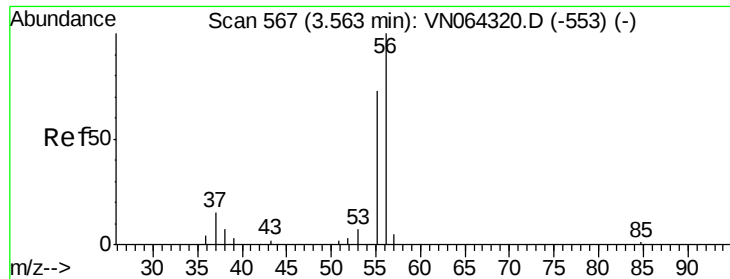


#12

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	Ratio	Lower	Upper
96	100		
61	176.8	143.6	215.4
98	64.1	48.6	73.0





#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

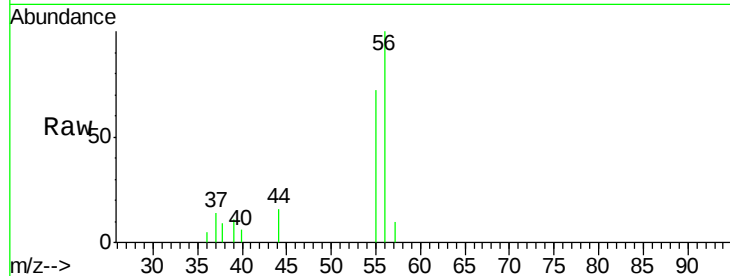
55 77.2 62.6 94.0

Manual Integrations

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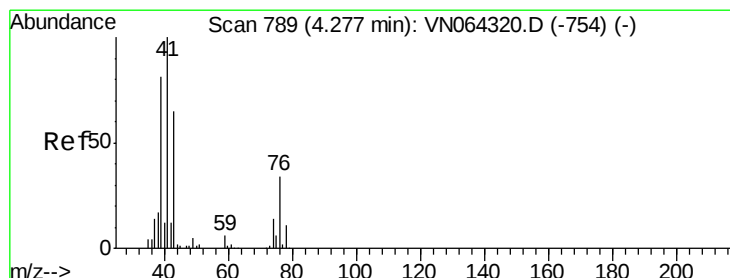
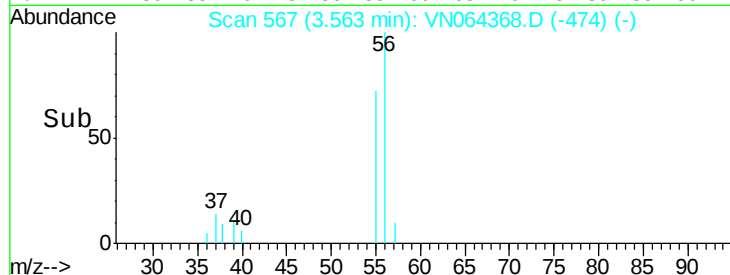
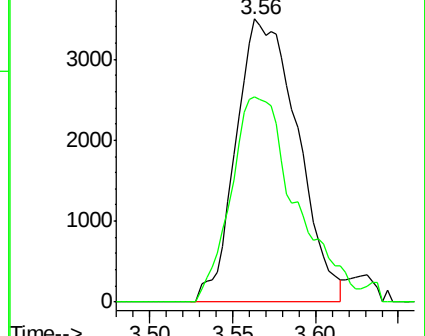
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Abundance Ion 56.00 (55.70 to 56.70): VN064320.D (-553) (-)

Ion 55.00 (54.70 to 55.70): 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

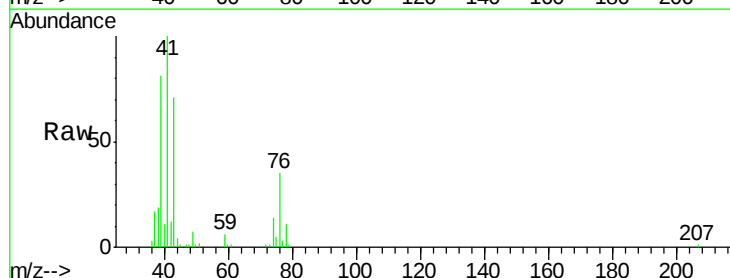
Tgt Ion: 41 Resp: 89091

Ion Ratio Lower Upper

41 100

39 74.2 61.7 92.5

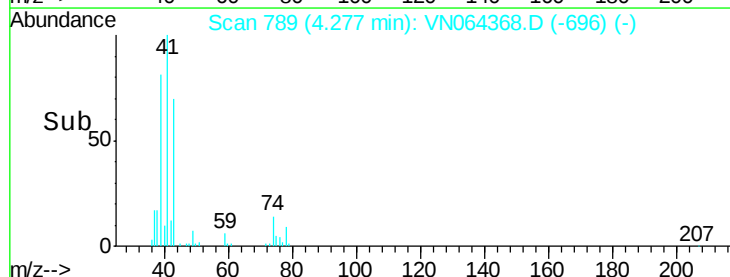
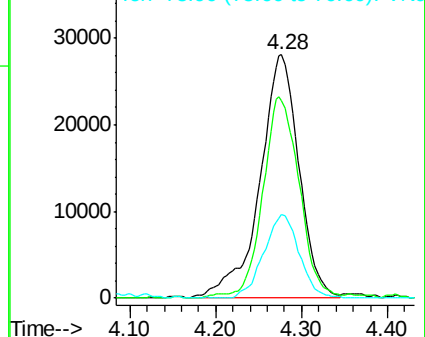
76 31.0 24.0 36.0

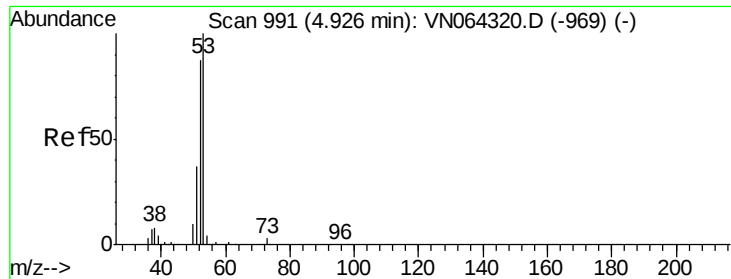


Abundance Ion 41.00 (40.70 to 41.70): VN064320.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN064320.D (-754) (-)

Ion 75.90 (75.60 to 76.60): 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

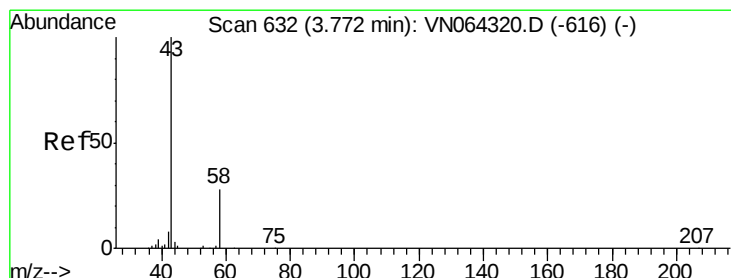
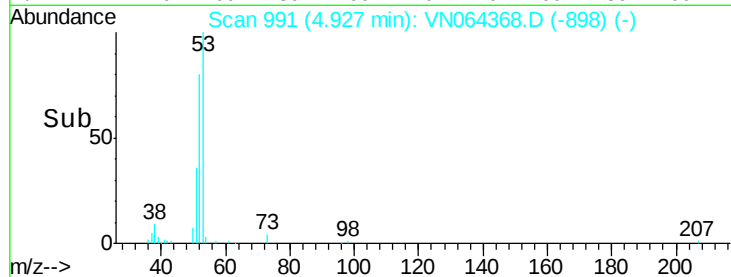
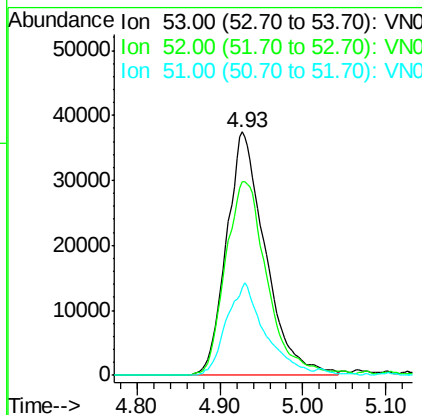
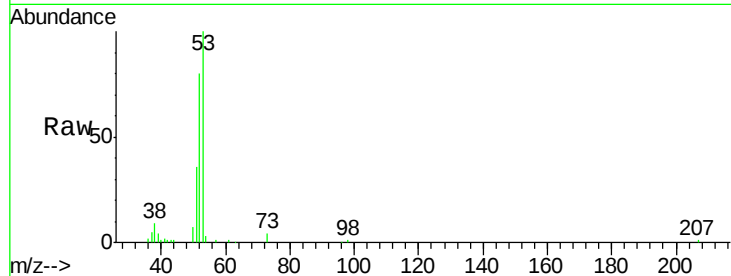
ClientSampleId :

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

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#16

Acetone

Concen: 88.396 ug/l

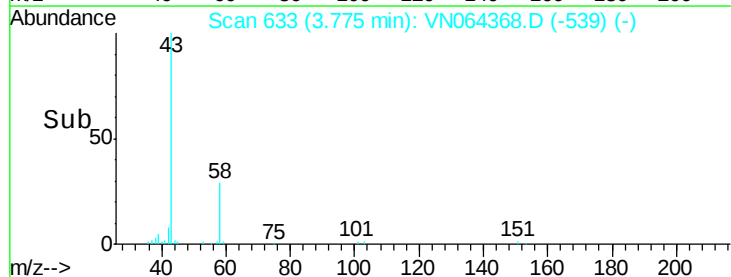
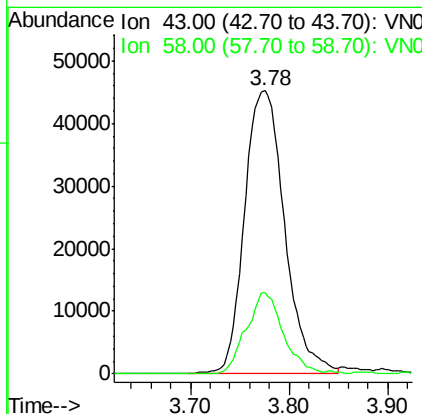
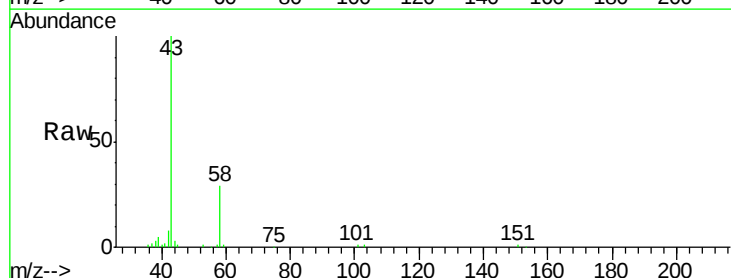
RT: 3.78 min Scan# 633

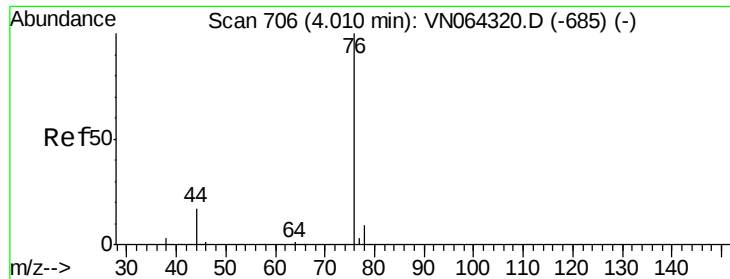
Delta R.T. 0.00 min

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





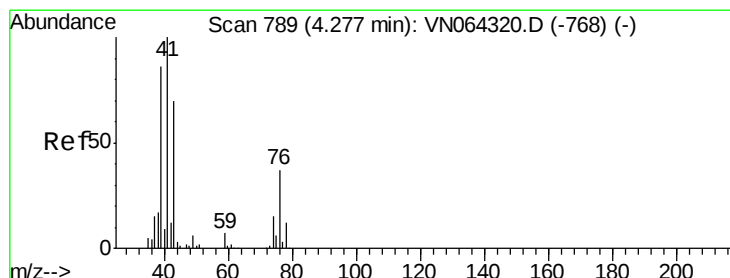
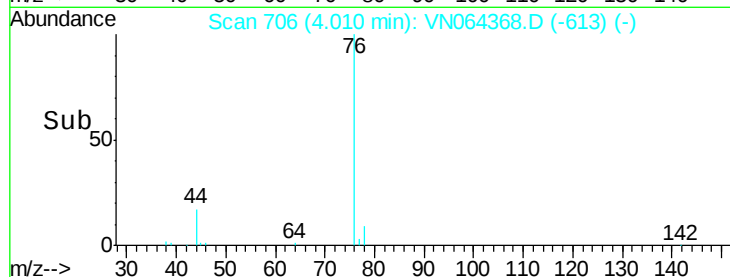
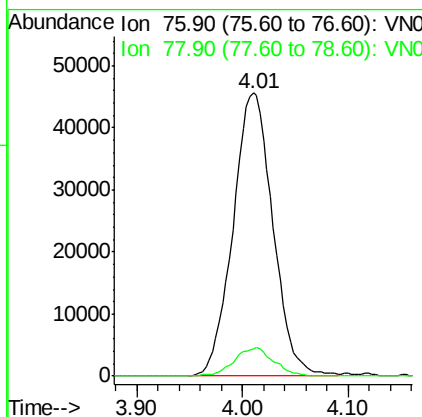
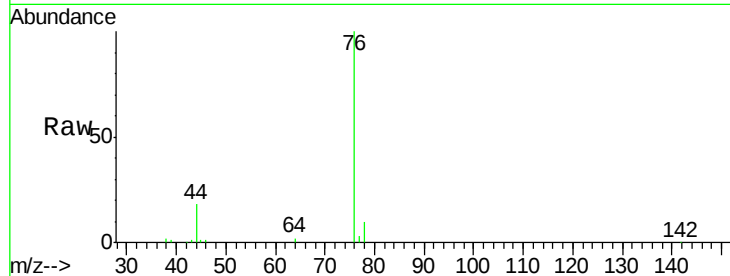
#17
Carbon Disulfide
Concen: 16.991 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

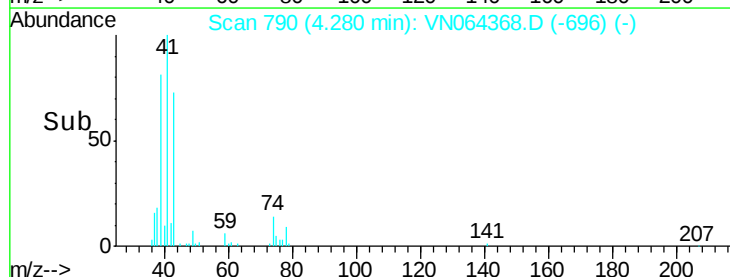
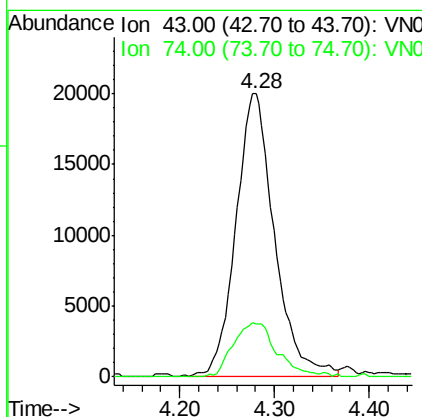
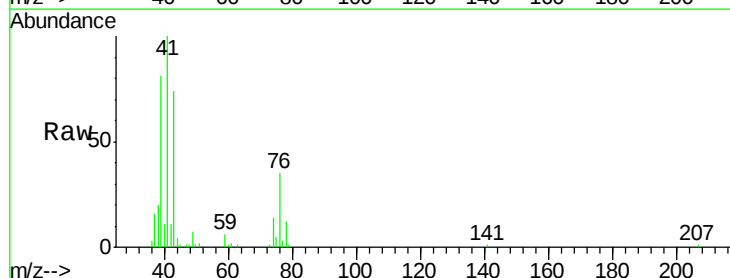
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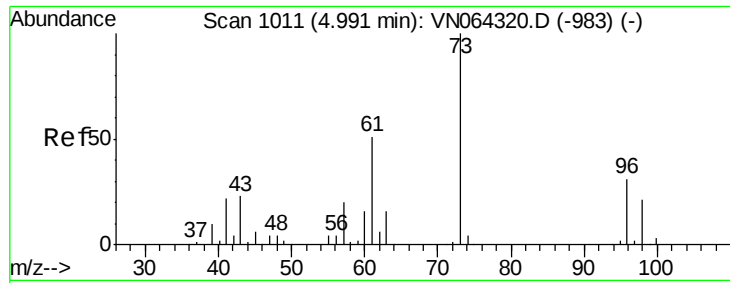
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#18
Methyl Acetate
Concen: 18.866 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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





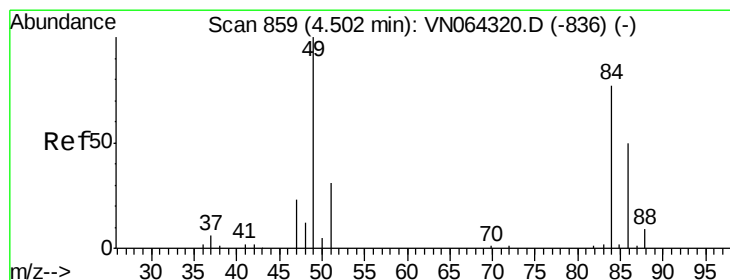
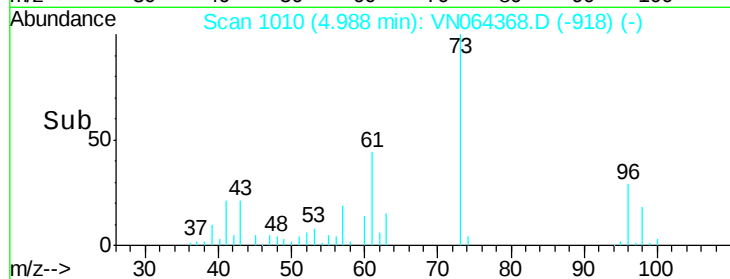
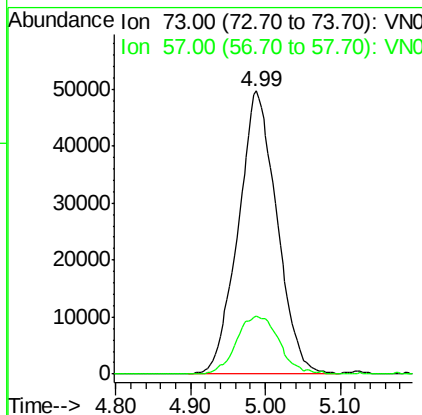
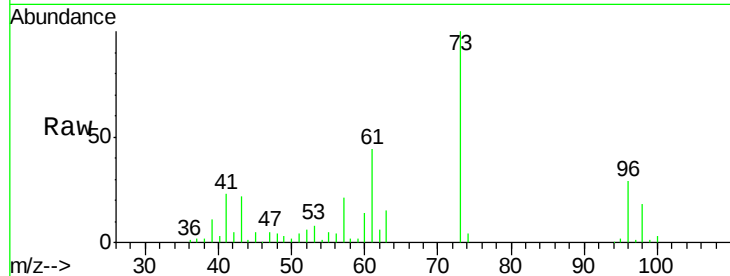
#19
Methvl tert-butvl Ether
Concen: 19.445 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

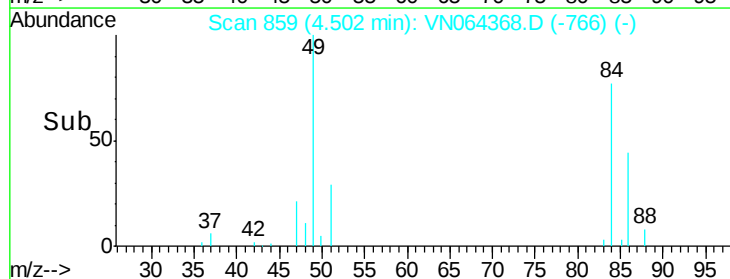
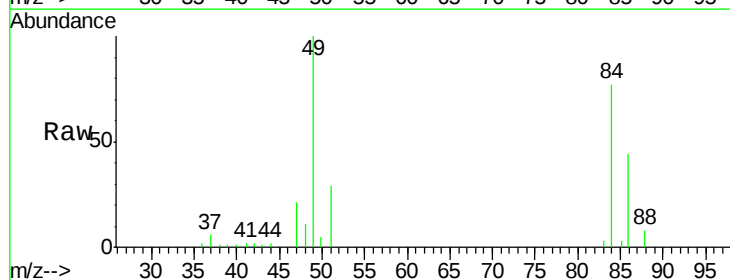
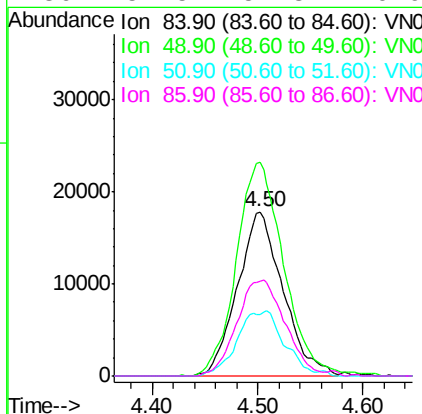
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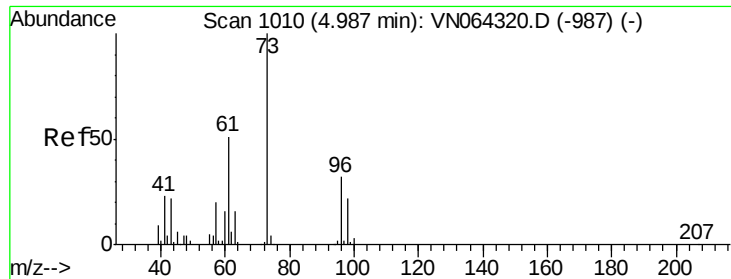
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#20
Methylene Chloride
Concen: 18.829 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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

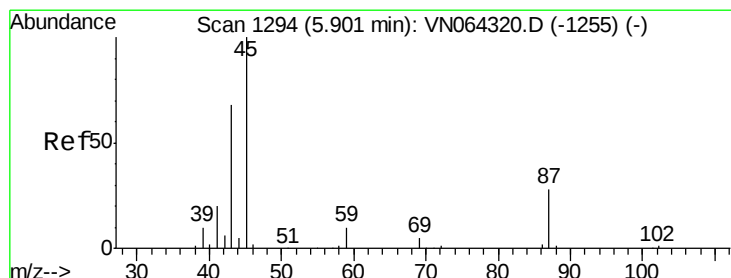
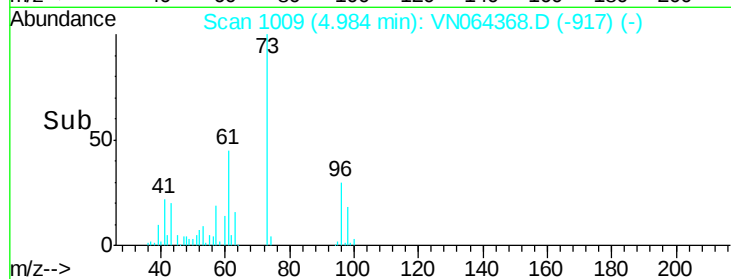
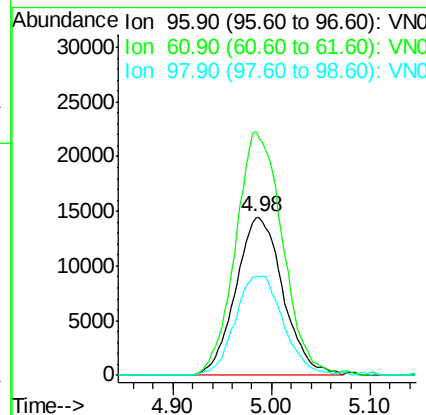
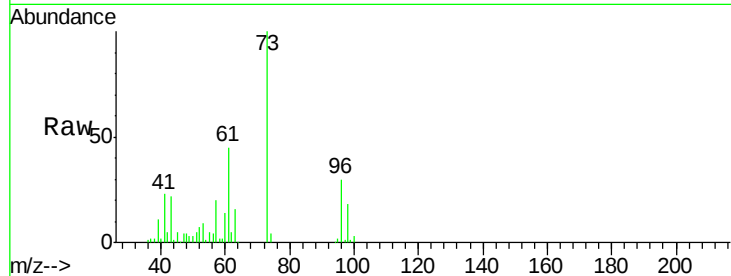
trans-1,2-Dichloroethene
Concen: 18.122 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.7	128.2	192.2
98	62.3	56.1	84.1

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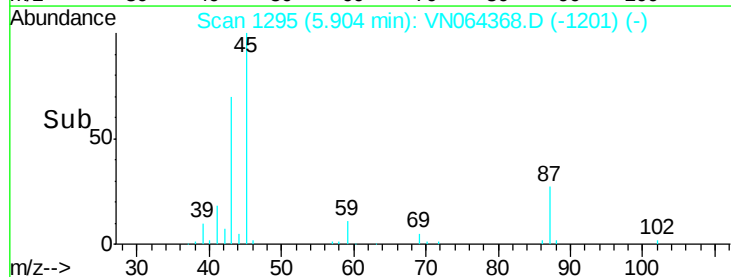
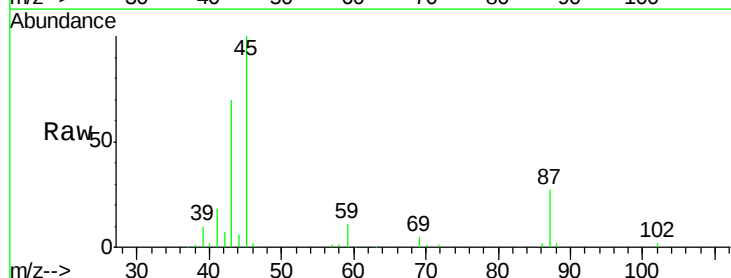
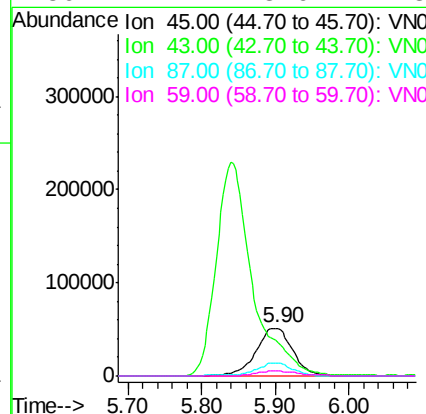
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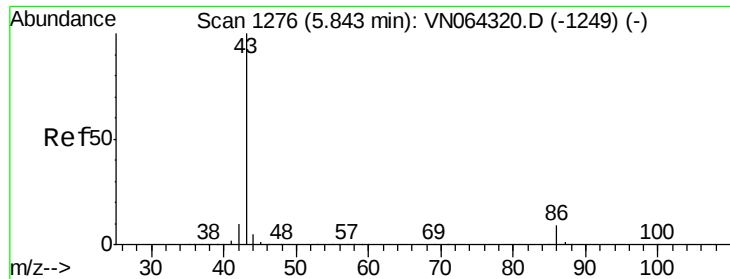


#22

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	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





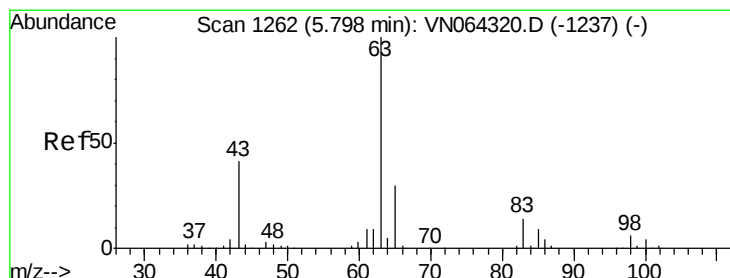
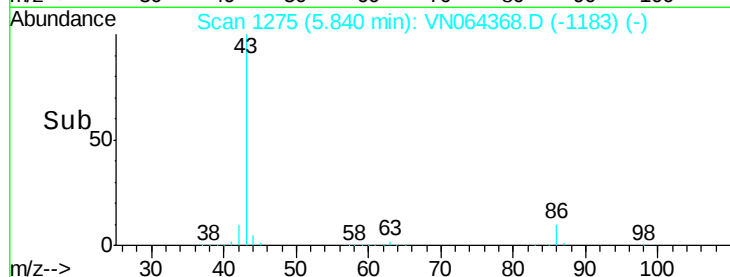
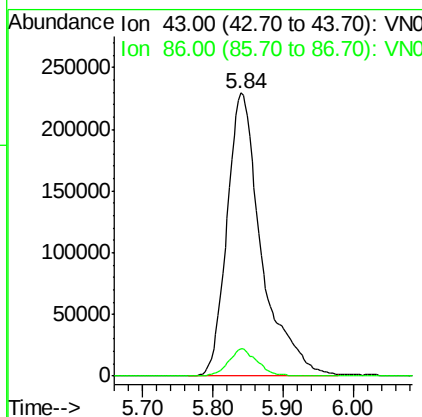
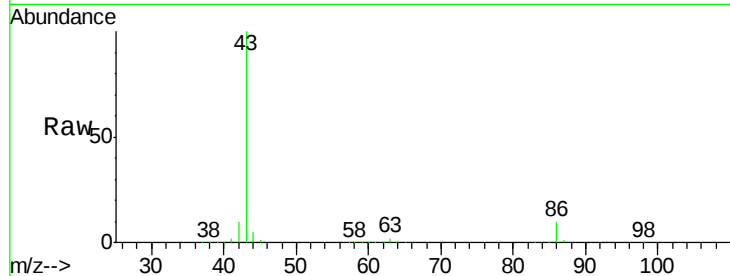
#23
 Vinyl Acetate
 Concen: 97.435 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

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

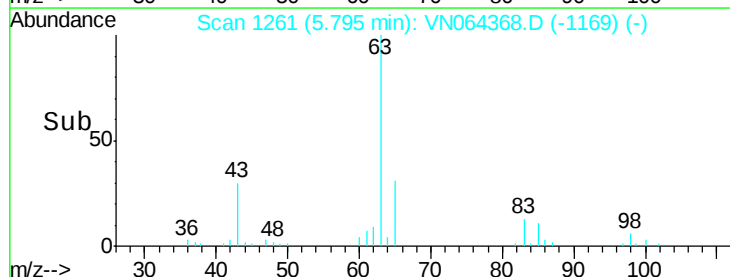
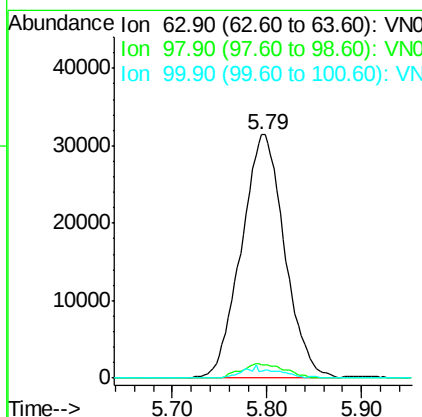
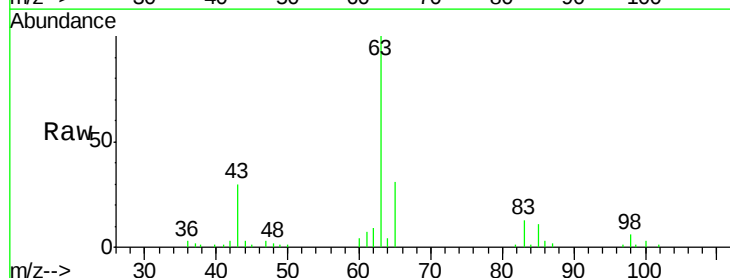
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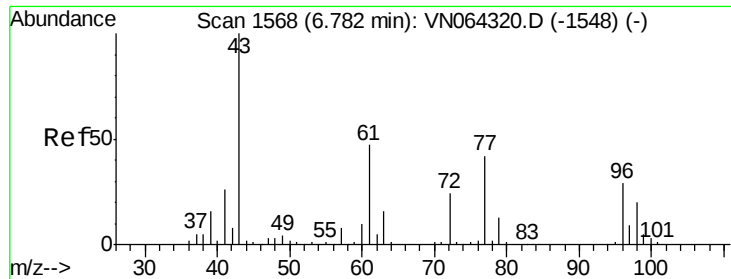
MMDadoda
 10/30/2020 1:35:31 PM



#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	100	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

ClientSampleId :

VN1029WBSD01

Tot Ion: 43 Resp: 183566

Ion Ratio Lower Upper

43 100

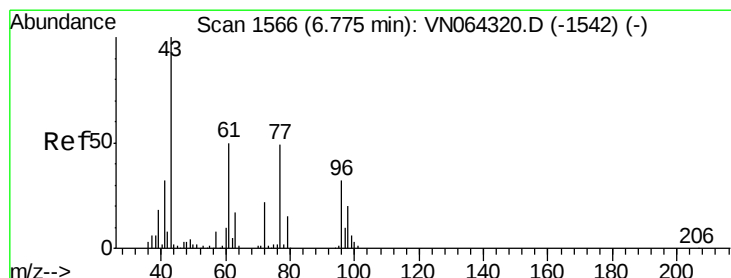
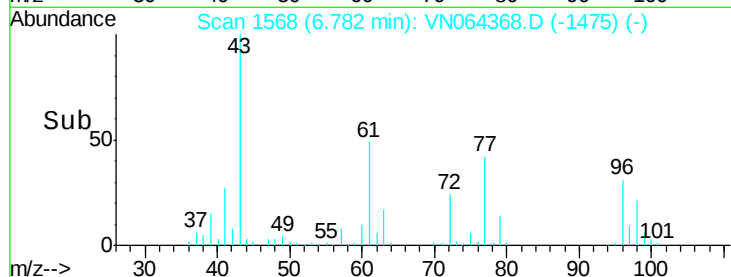
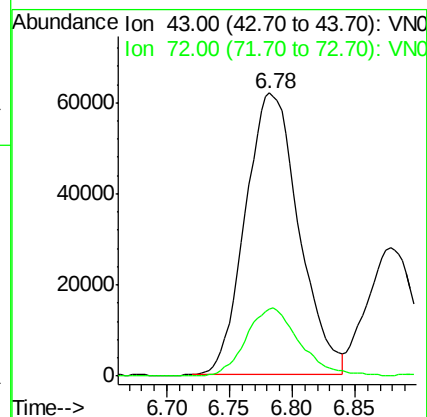
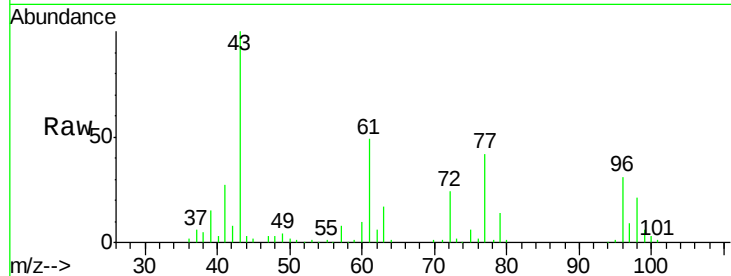
72 23.7 18.8 28.2

Manual Integrations

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#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

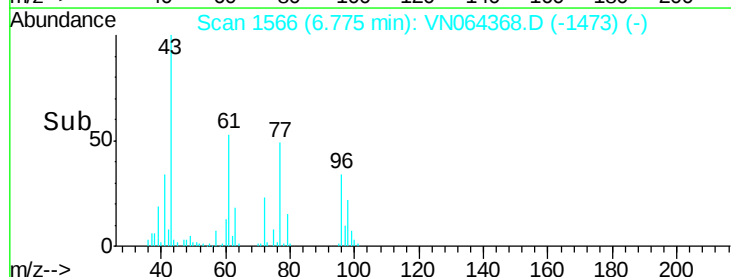
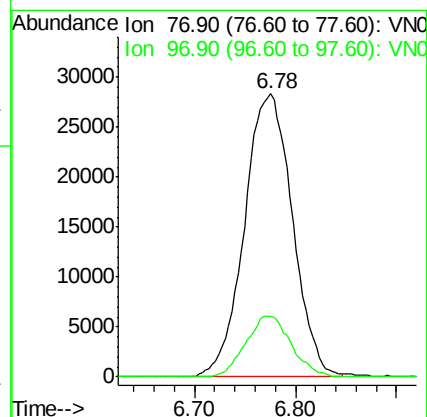
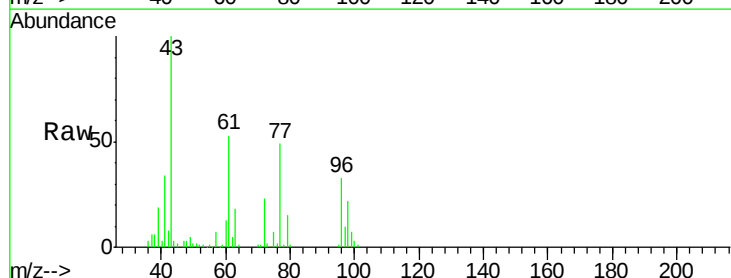
Acq: 29 Oct 2020 12:59

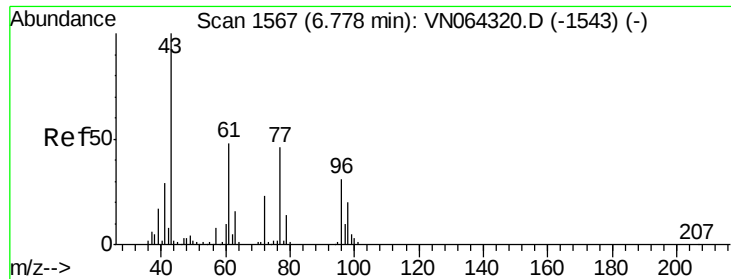
Tgt Ion: 77 Resp: 93607

Ion Ratio Lower Upper

77 100

97 20.3 10.2 30.6





#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

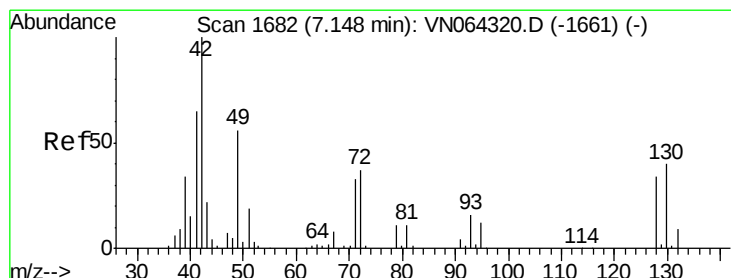
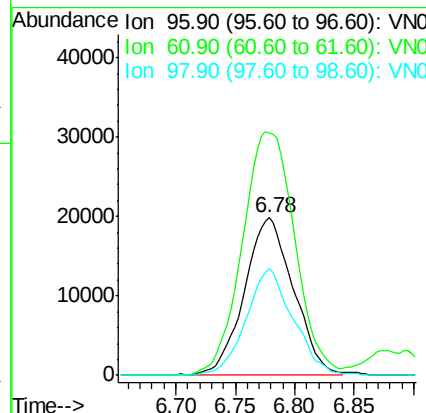
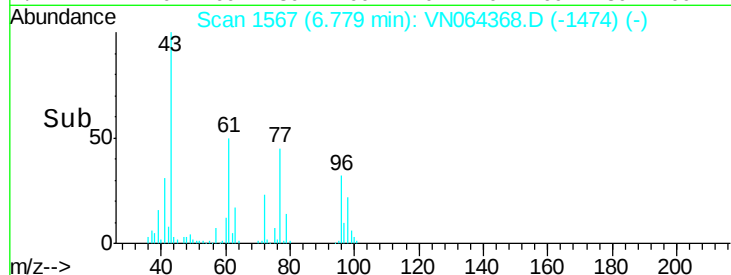
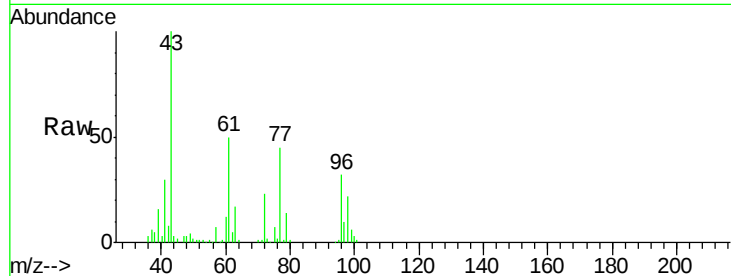
ClientSampleId :

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

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#28

Bromochloromethane

Concen: 17.571 ug/l

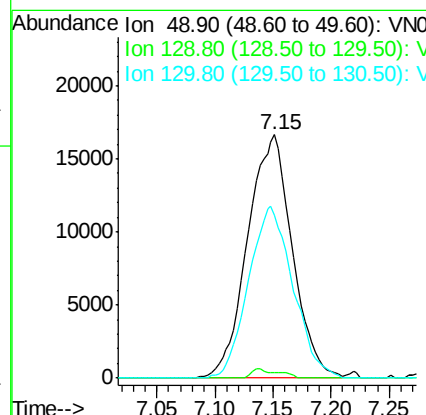
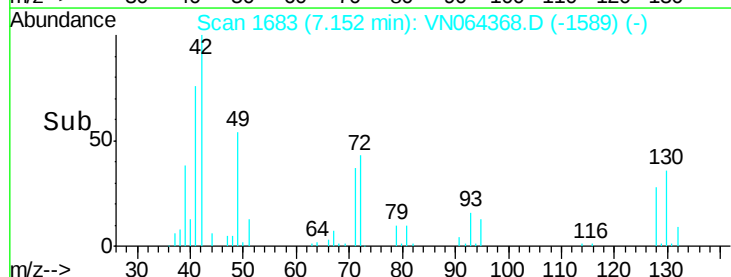
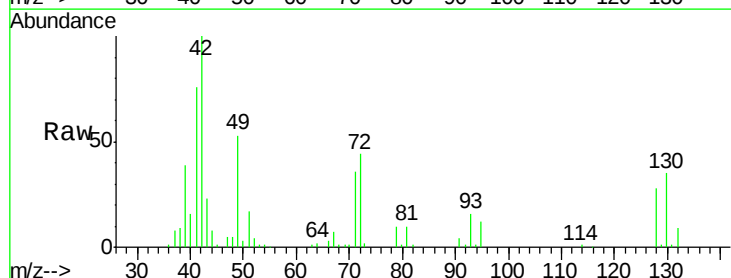
RT: 7.15 min Scan# 1683

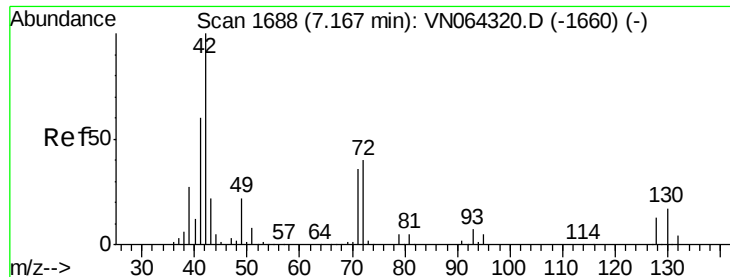
Delta R.T. 0.00 min

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





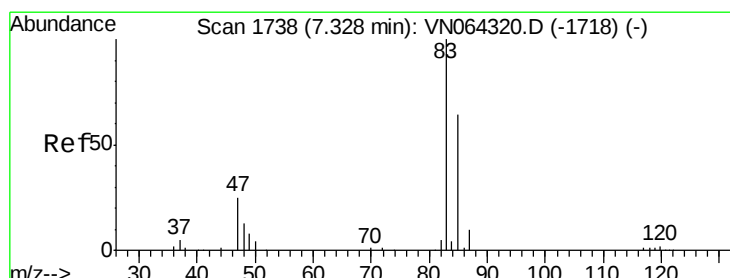
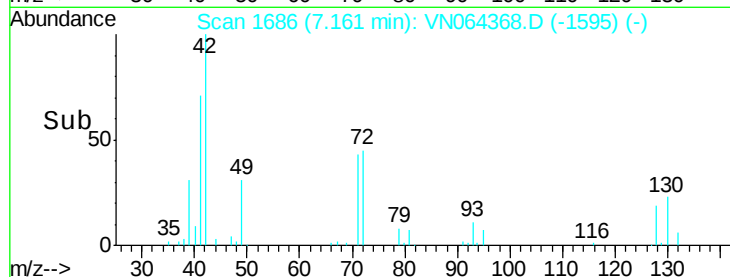
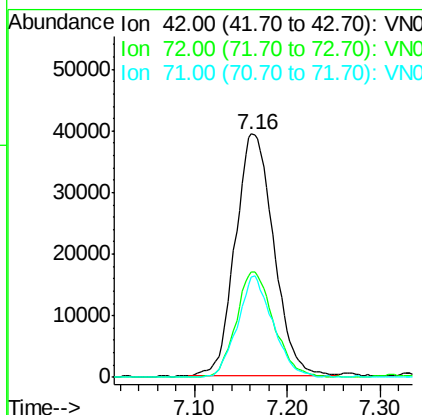
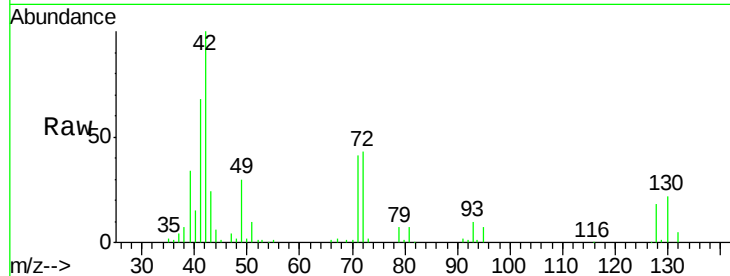
#29
Tetrahydrofuran
Concen: 86.665 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

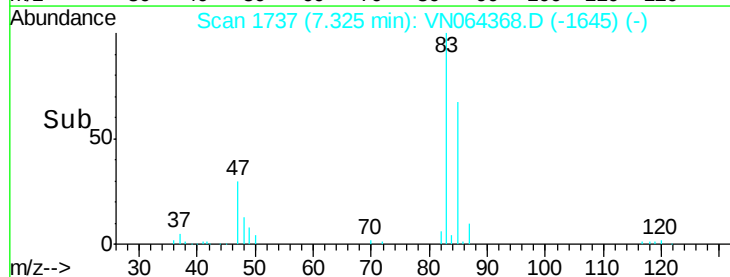
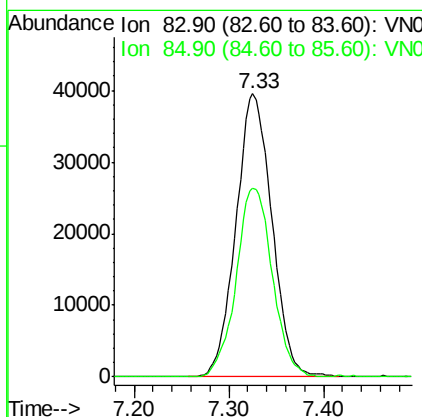
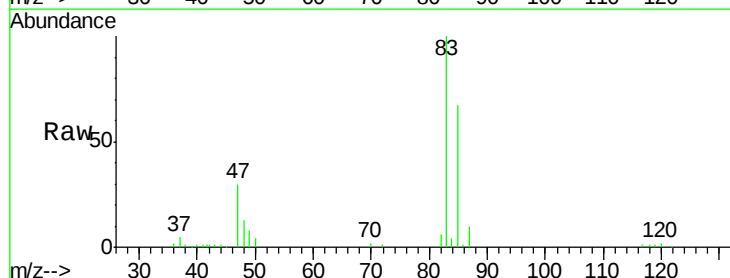
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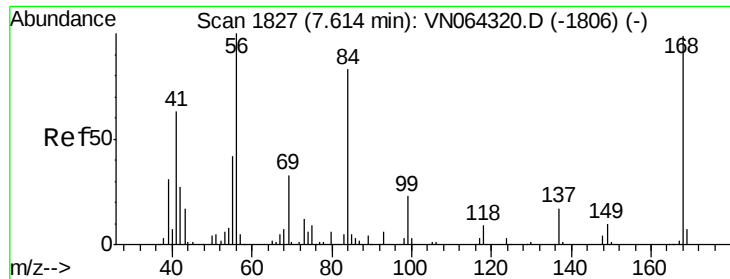
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#30
Chloroform
Concen: 18.394 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.1	76.7





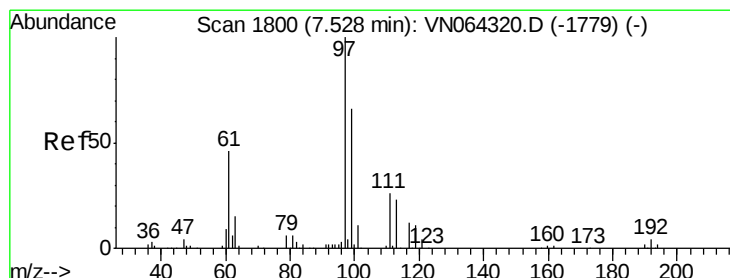
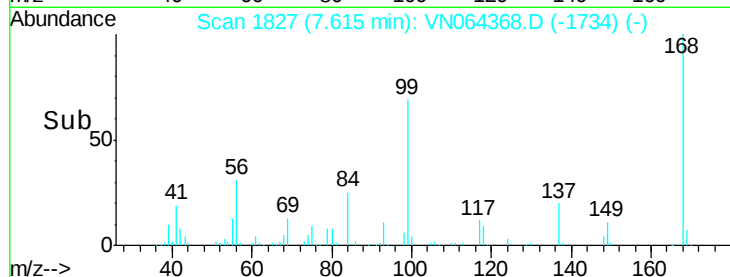
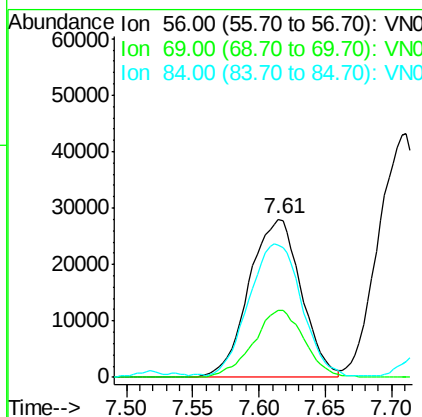
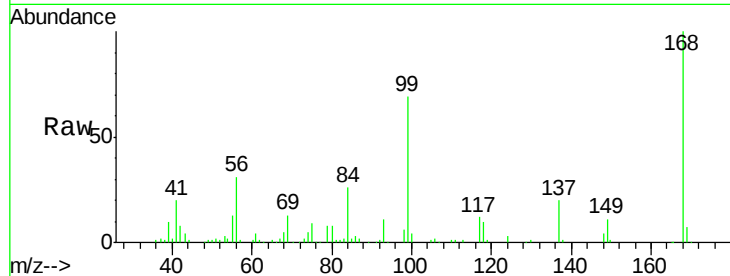
#31
Cyclohexane
Concen: 16.481 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

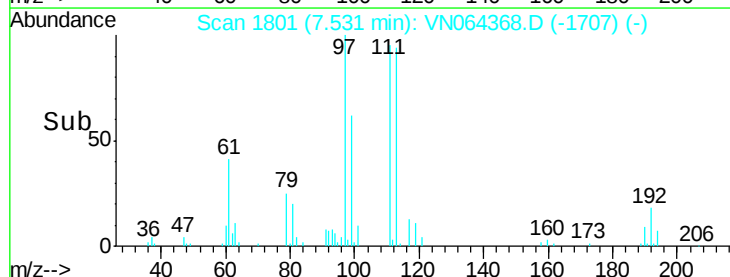
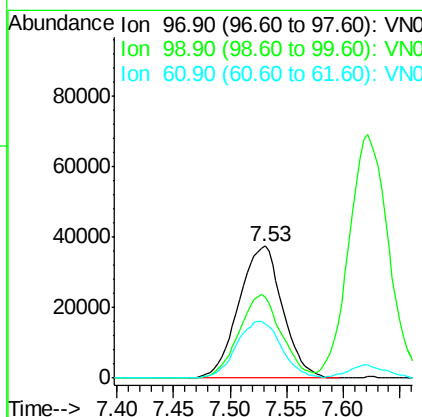
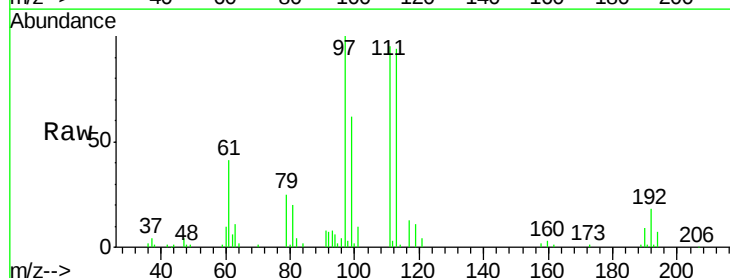
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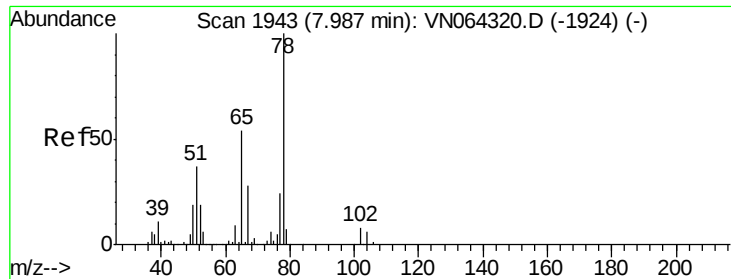
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#32
1,1,1-Trichloroethane
Concen: 18.451 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
97	100		
61	61.9	50.6	76.0
111	44.1	35.8	53.6





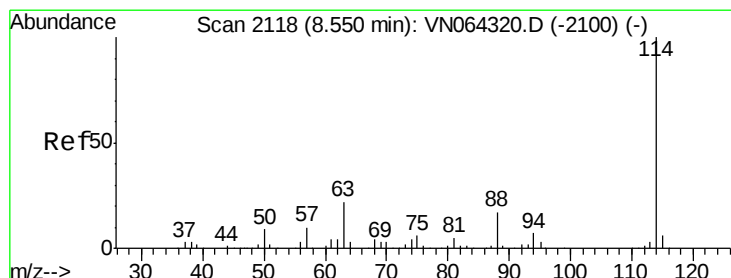
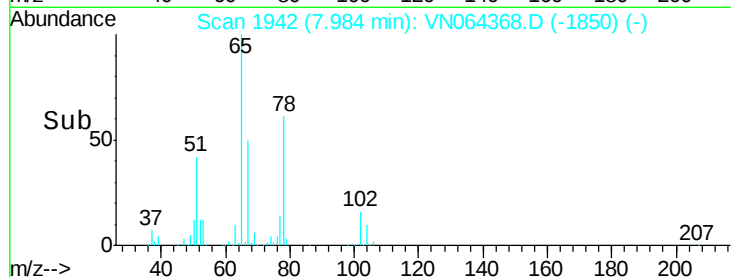
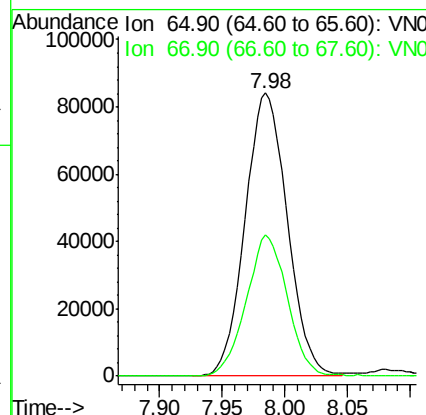
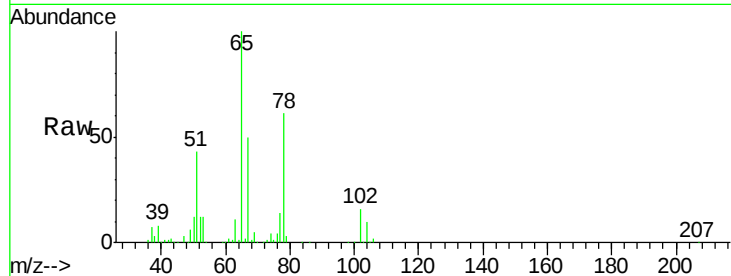
#33
 1,2-Dichloroethane-d4
 Concen: 49.153 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

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

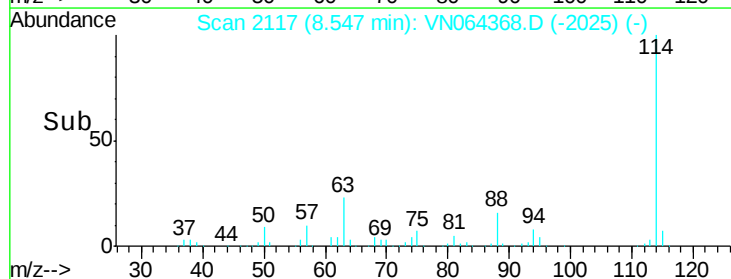
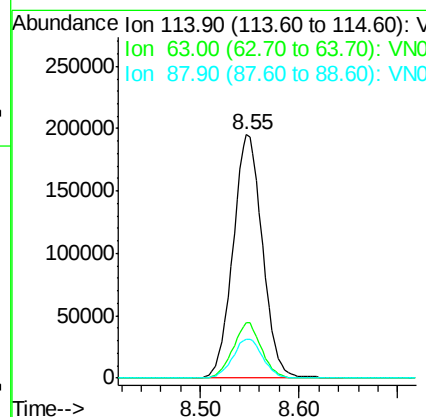
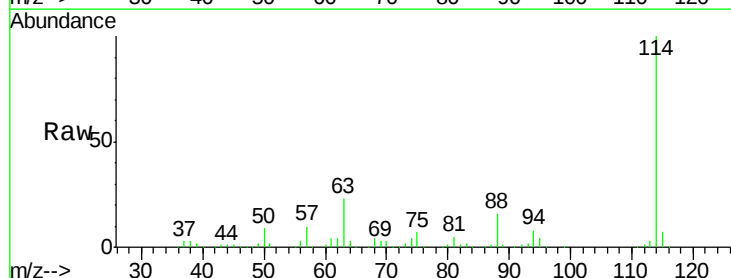
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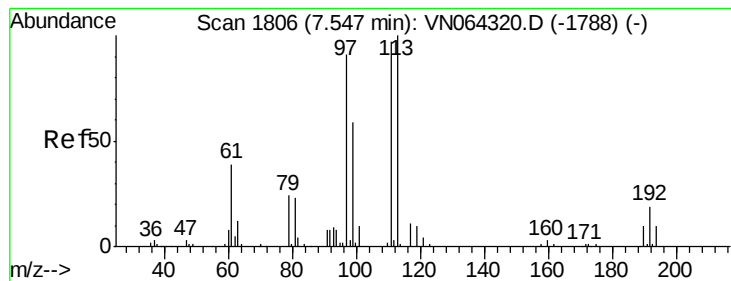
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

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

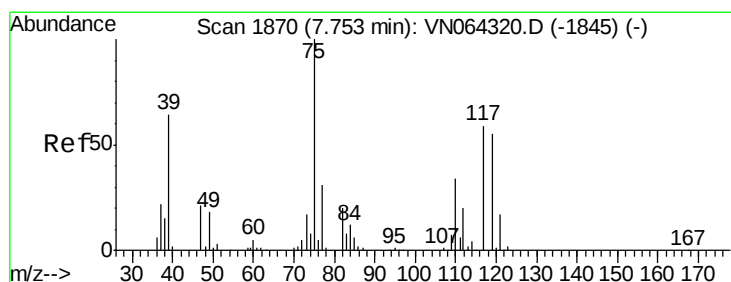
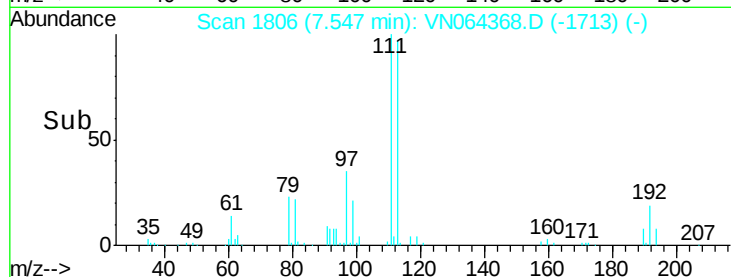
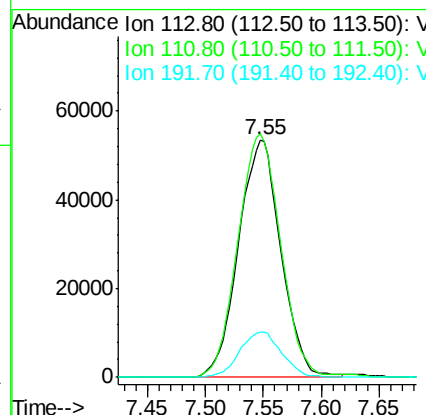
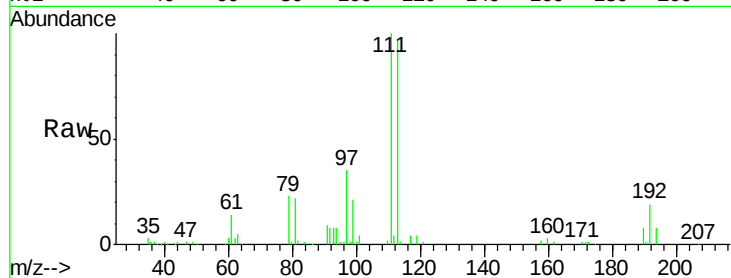
ClientSampled :

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

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#36

1,1-Dichloropropene

Concen: 17.946 ug/l

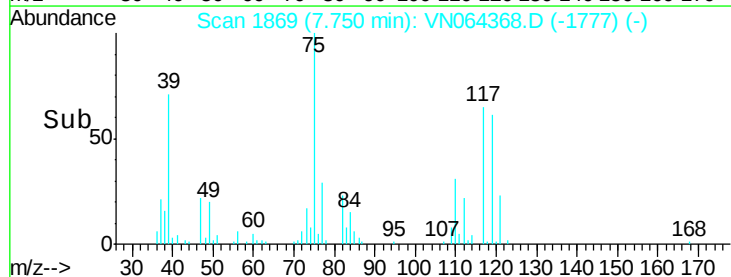
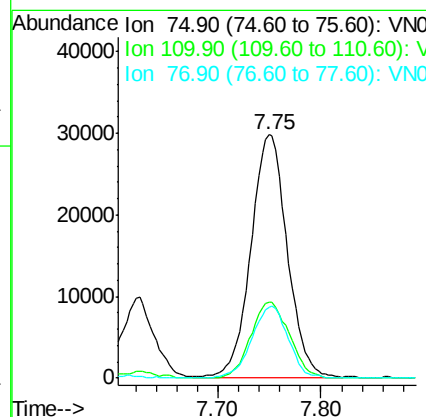
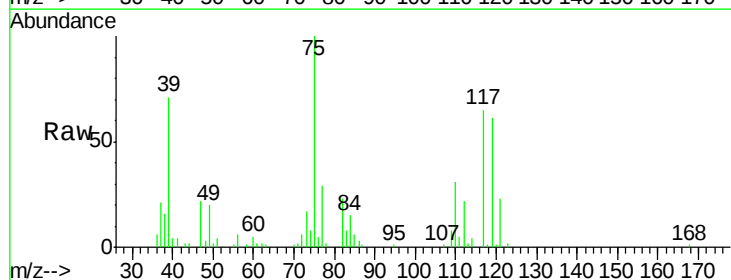
RT: 7.75 min Scan# 1869

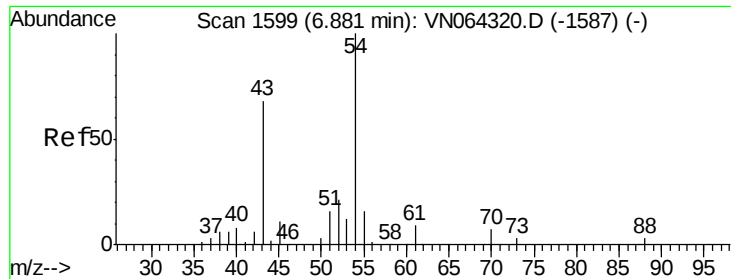
Delta R.T. -0.00 min

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





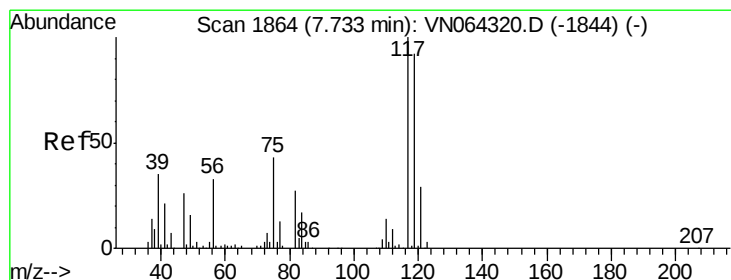
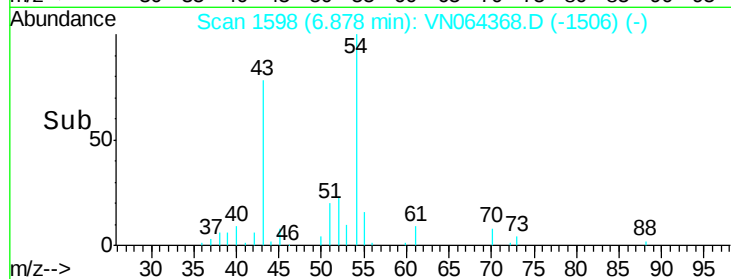
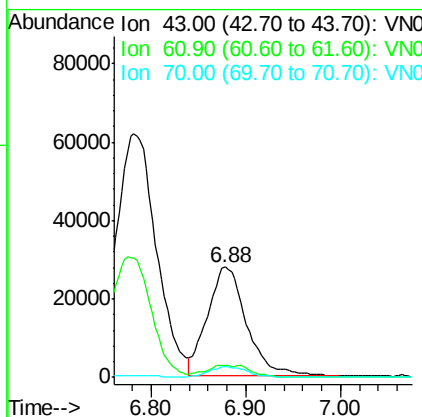
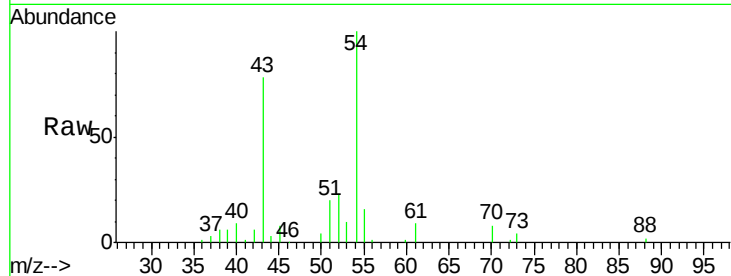
#37
Ethyl Acetate
Concen: 19.442 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

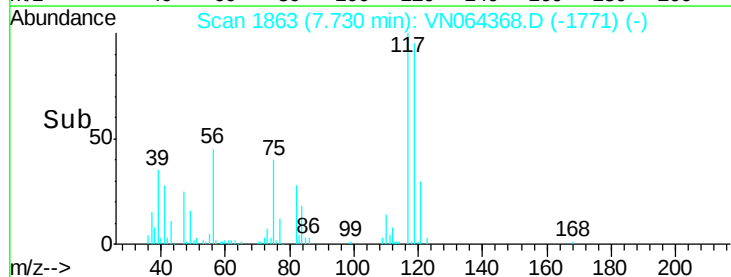
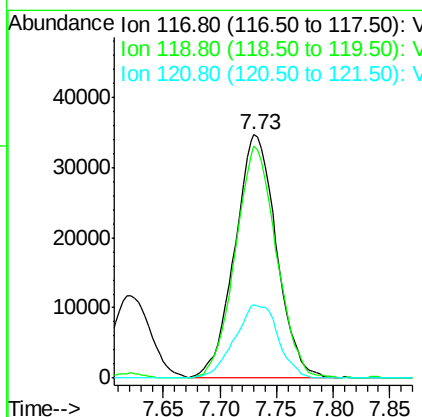
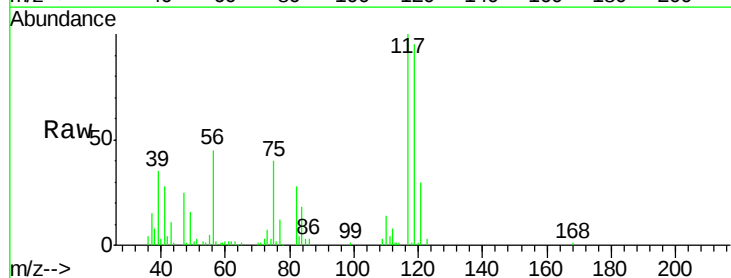
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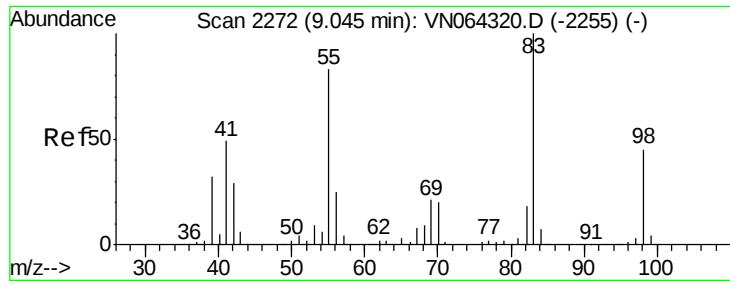
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#38
Carbon Tetrachloride
Concen: 18.748 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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





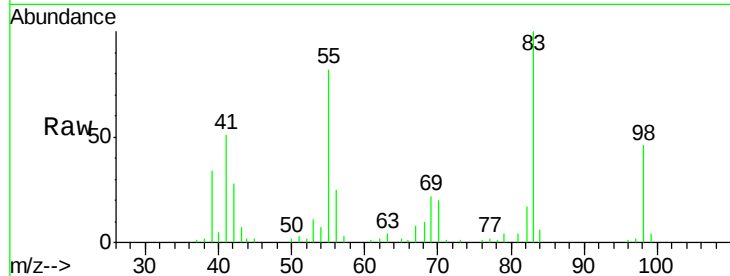
#39
Methvlcvclohexane
Concen: 15.006 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

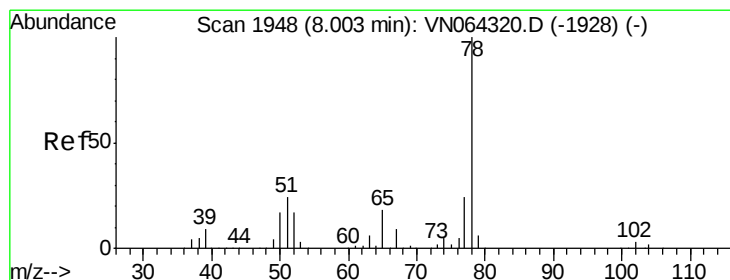
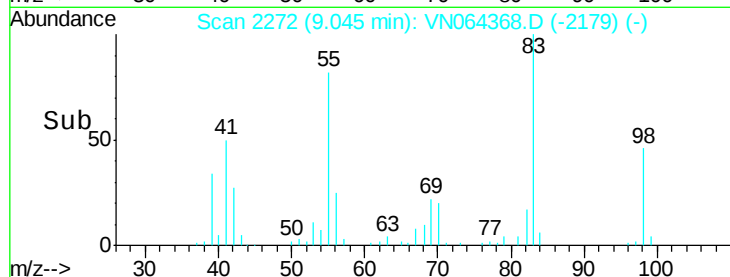
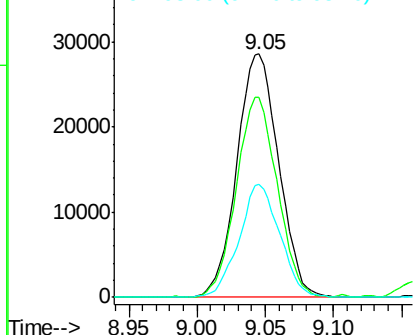
Tot Ion	Ratio	Lower	Upper
83	100		
55	82.2	66.2	99.4
98	46.4	36.0	54.0

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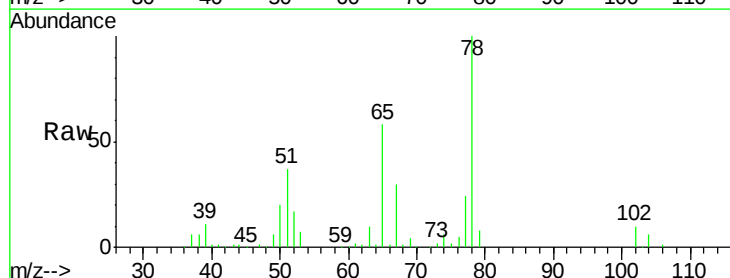


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

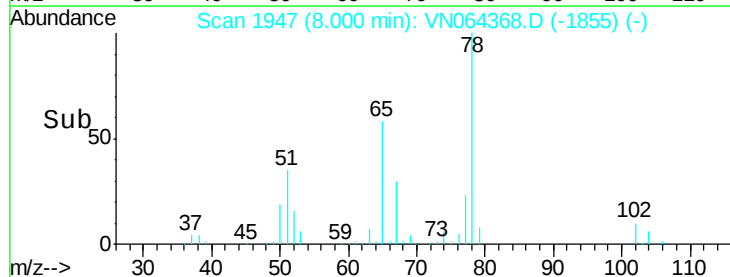
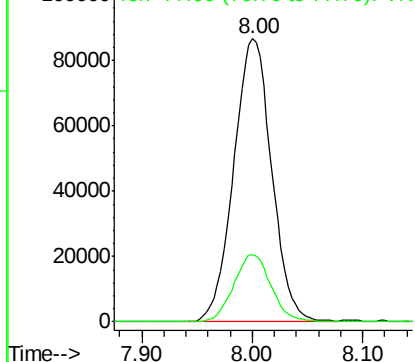


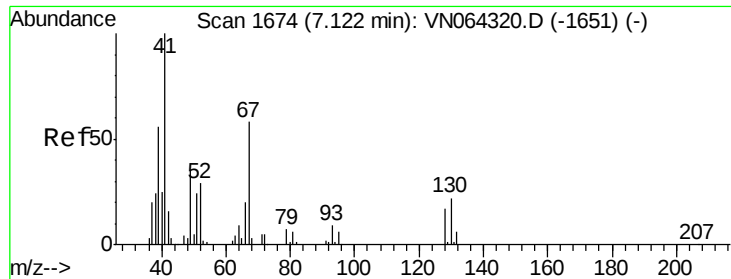
#40
Benzene
Concen: 18.186 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion	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





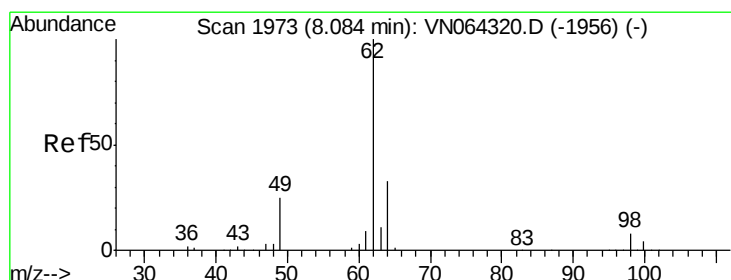
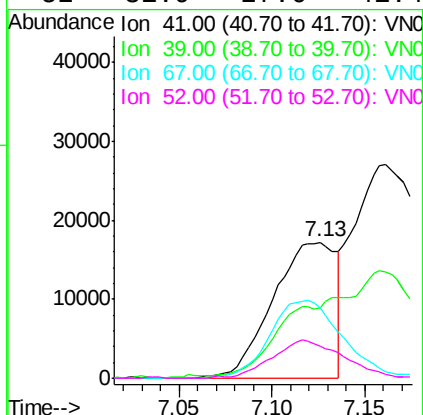
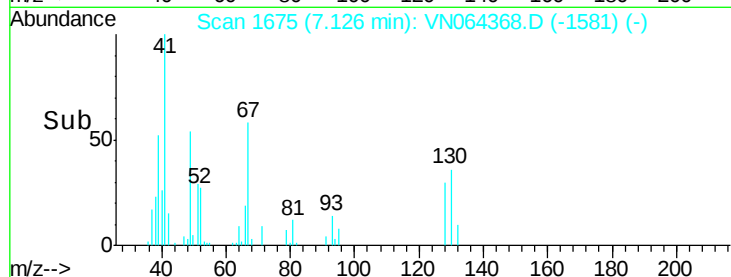
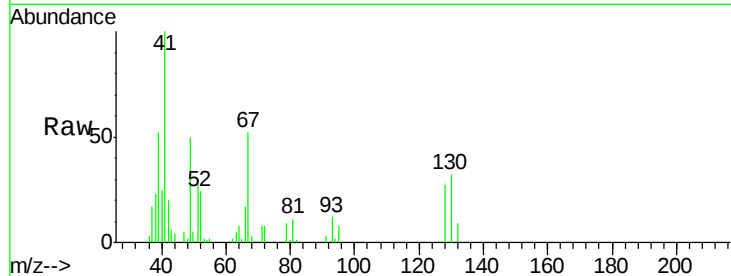
#41
Methacrylonitrile
Concen: 19.900 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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

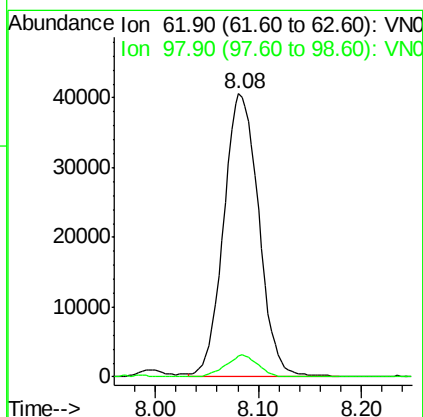
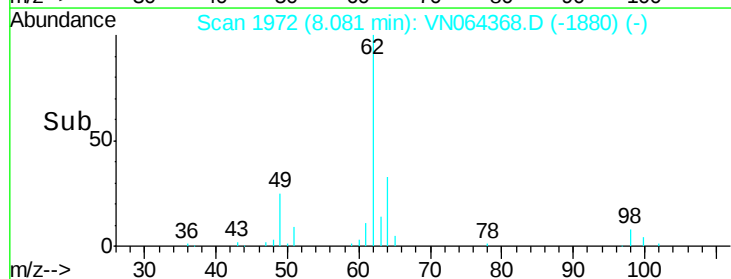
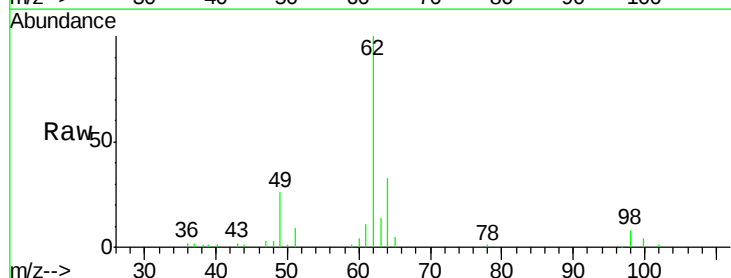
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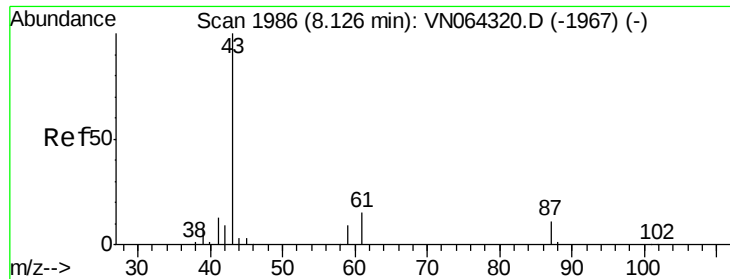
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#42
1,2-Dichloroethane
Concen: 19.579 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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





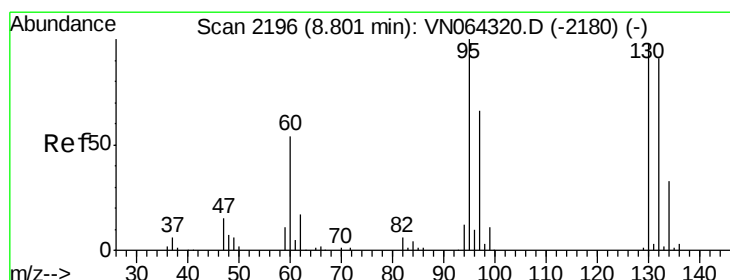
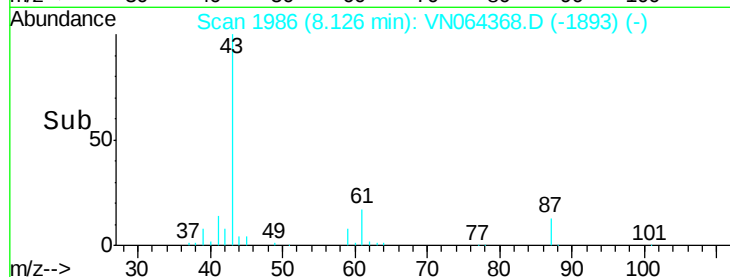
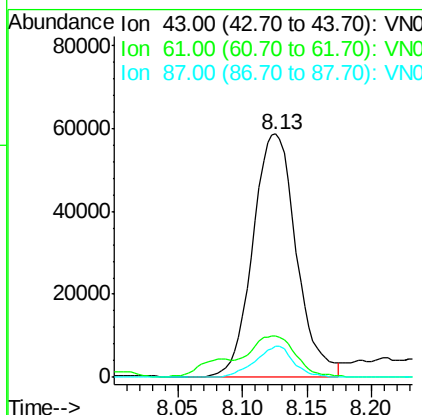
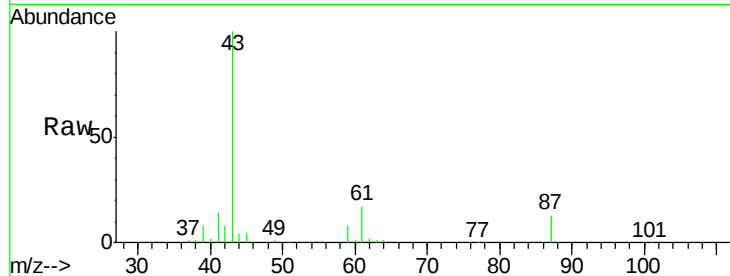
#43
Isopropyl Acetate
Concen: 19.414 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

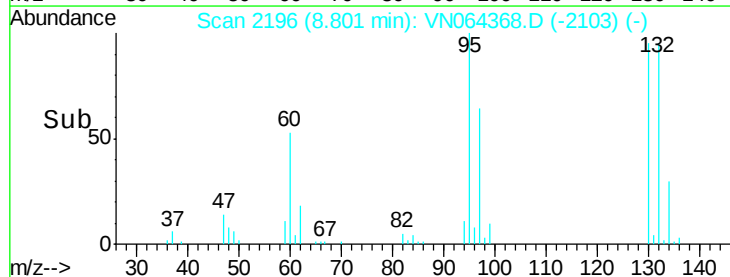
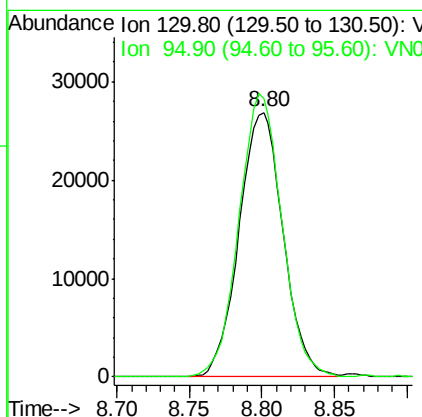
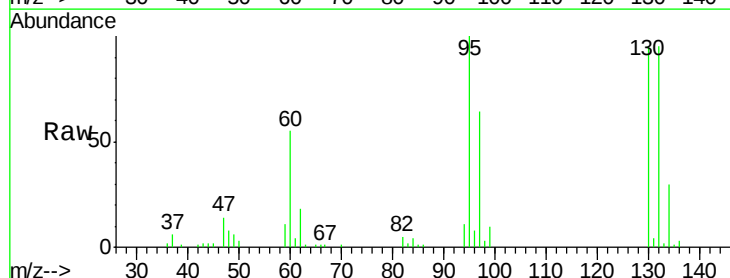
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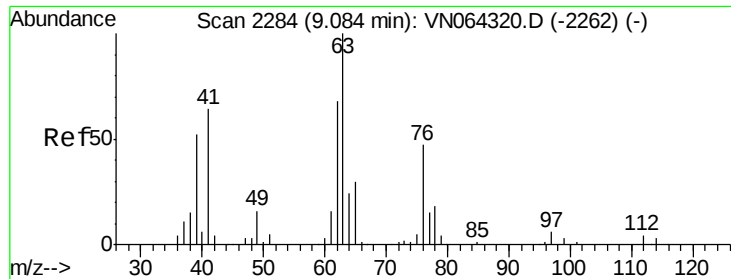
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#44
Trichloroethene
Concen: 19.003 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	203.6





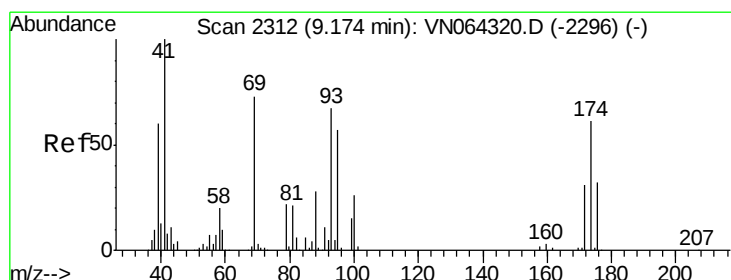
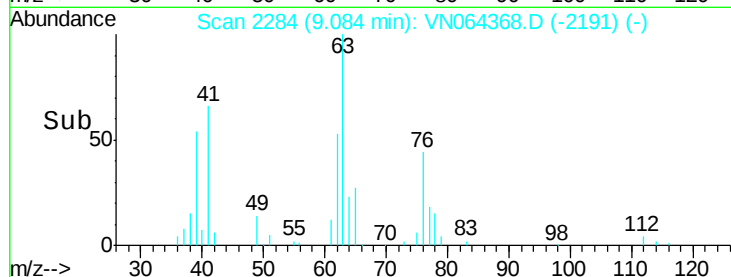
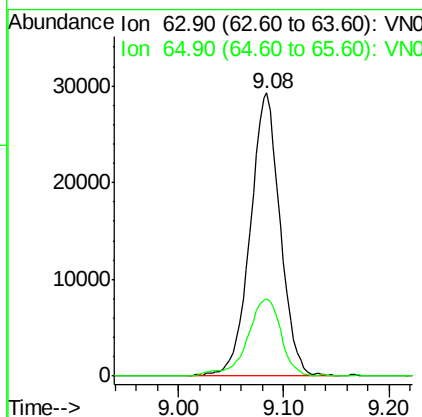
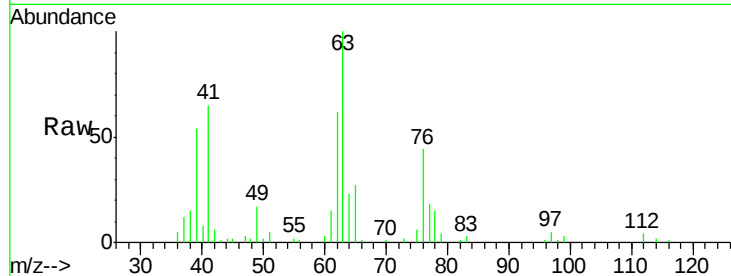
#45
 1,2-Dichloropropane
 Concen: 18.991 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

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

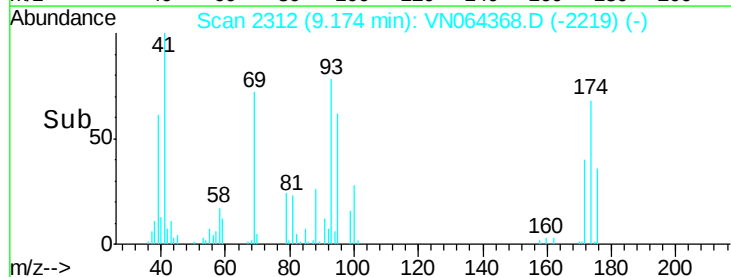
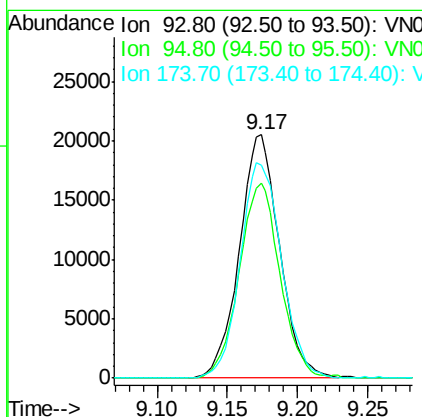
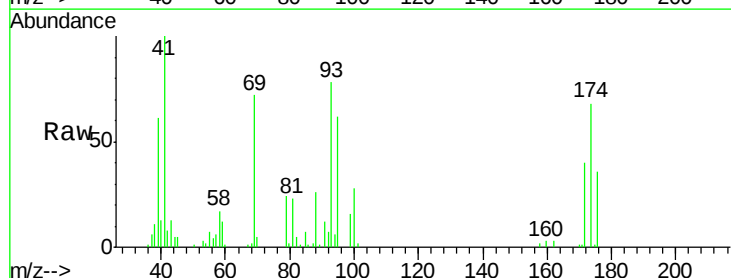
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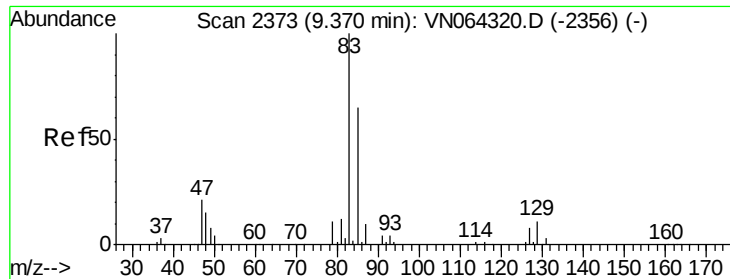
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#46
 Dibromomethane
 Concen: 19.161 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

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

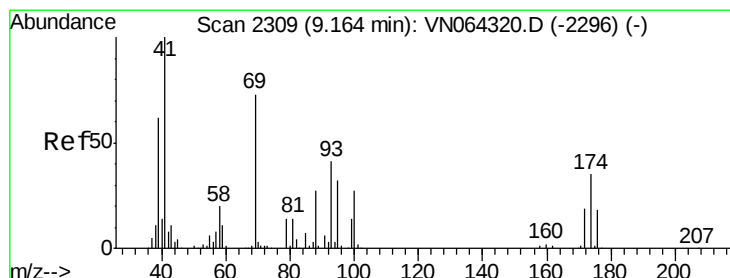
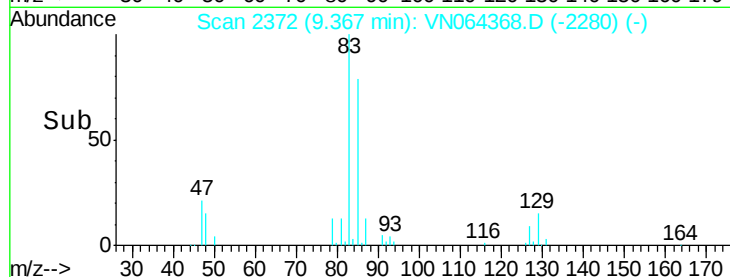
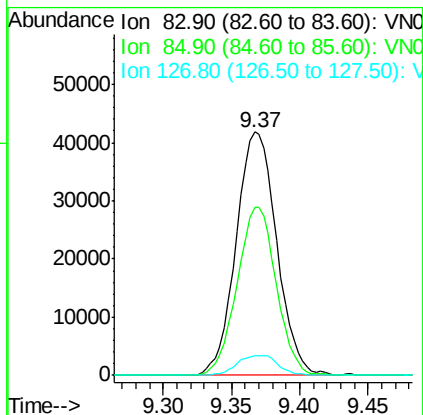
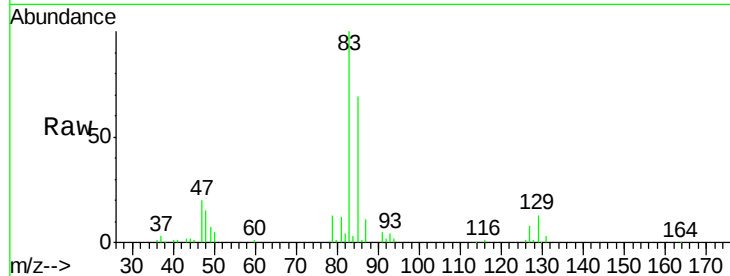
ClientSampleId :

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

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#48

Methyl methacrylate

Concen: 19.103 ug/l

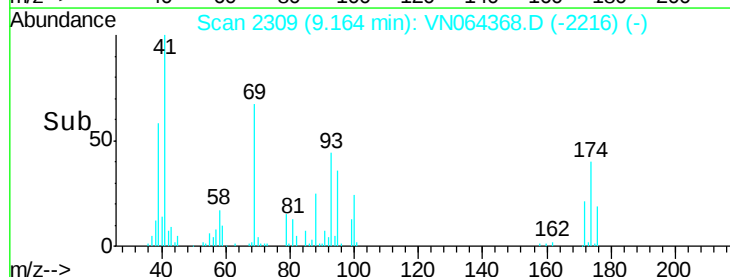
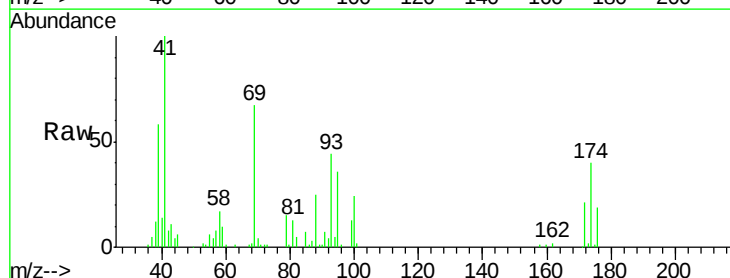
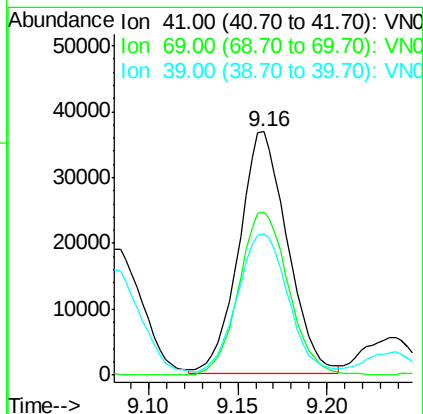
RT: 9.16 min Scan# 2309

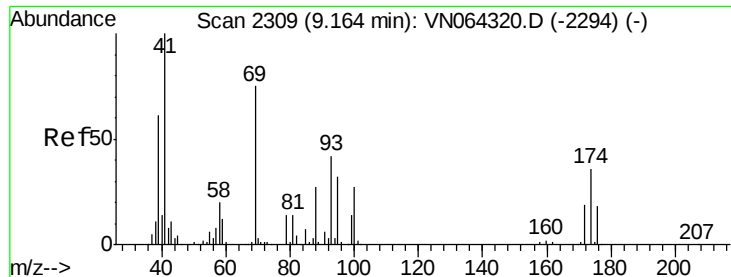
Delta R.T. 0.00 min

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





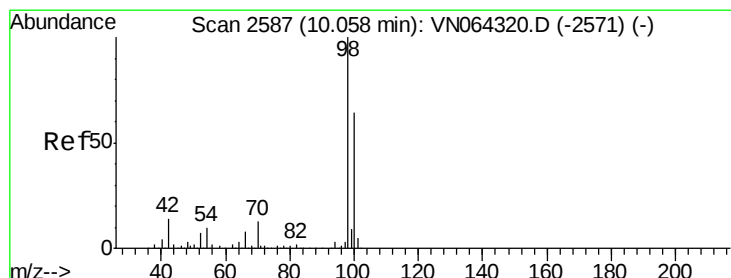
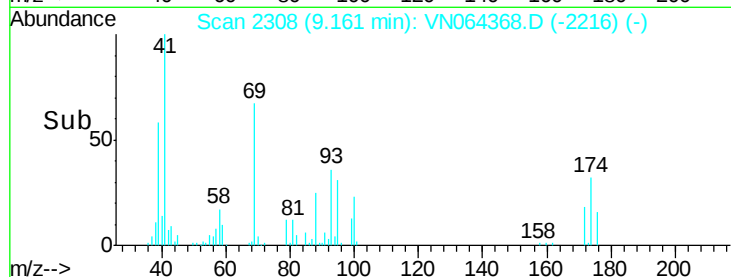
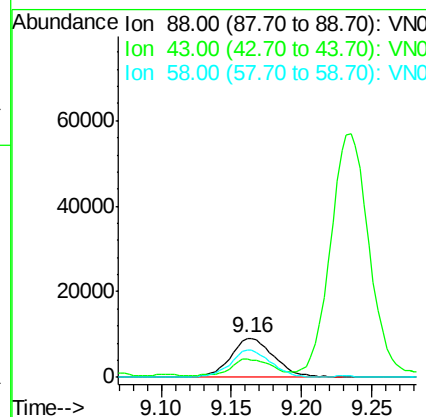
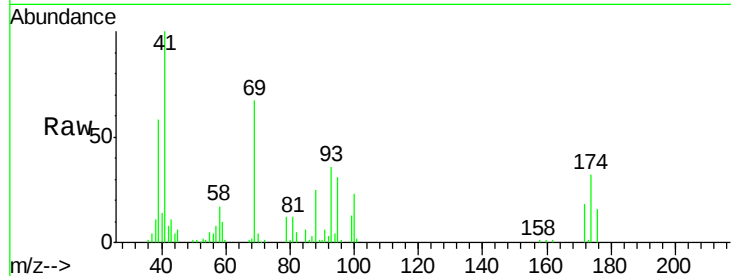
#49
 1,4-Dioxane
 Concen: 361.804 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

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

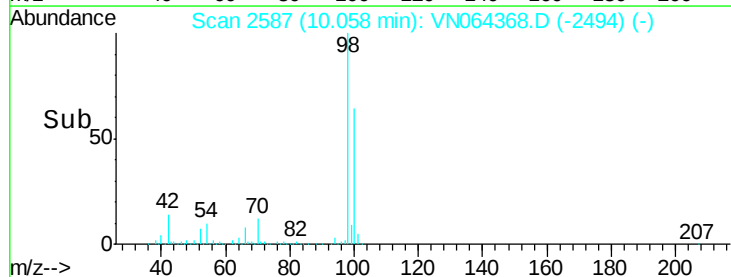
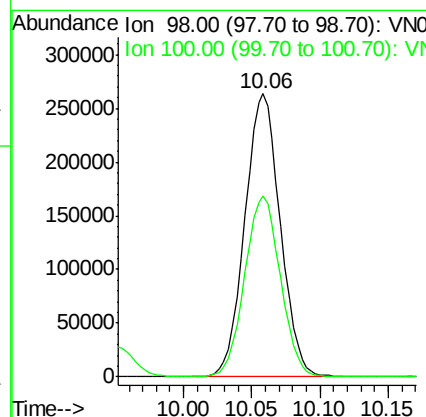
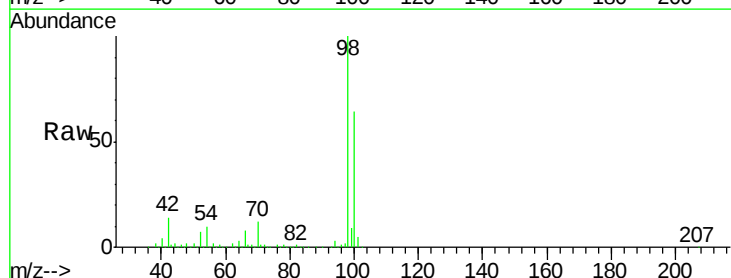
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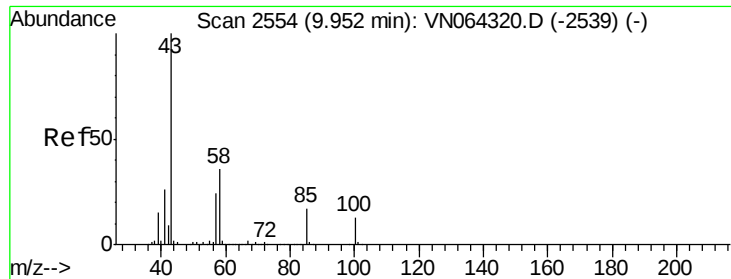
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#50
 Toluene-d8
 Concen: 47.463 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion	98	Resp	474547
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#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

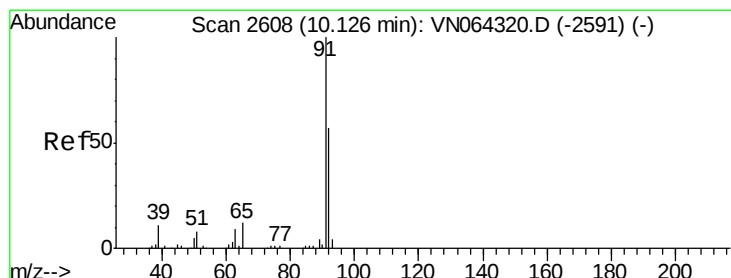
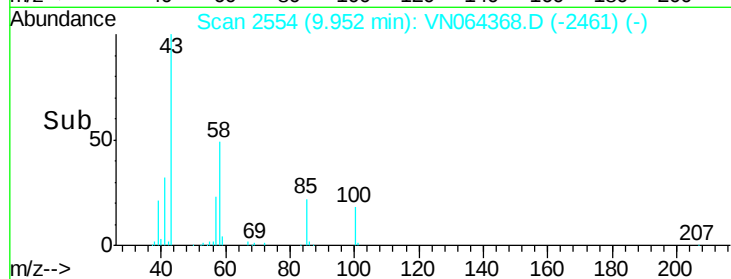
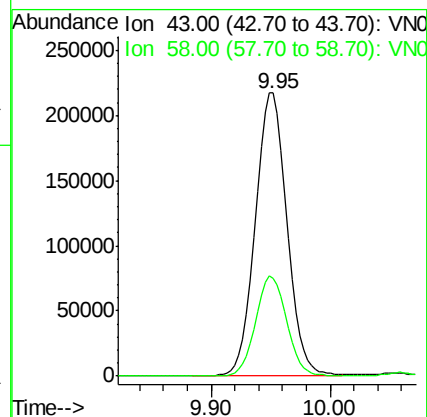
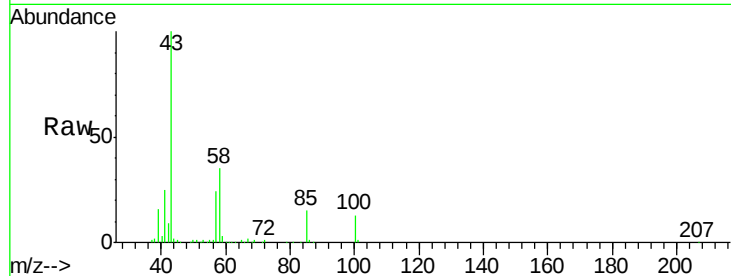
58 35.0 28.6 42.8

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#52

Toluene

Concen: 18.152 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064368.D

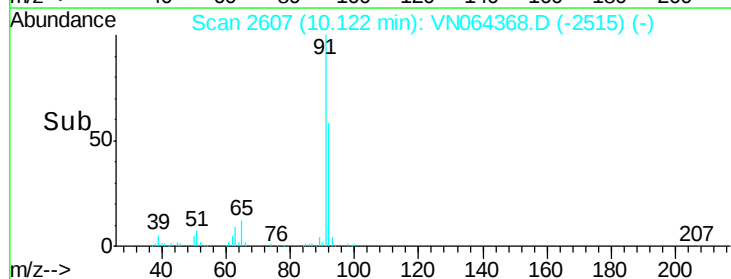
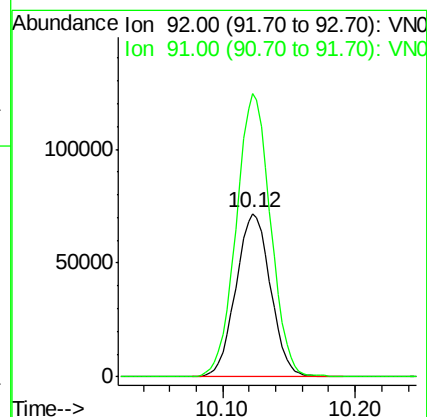
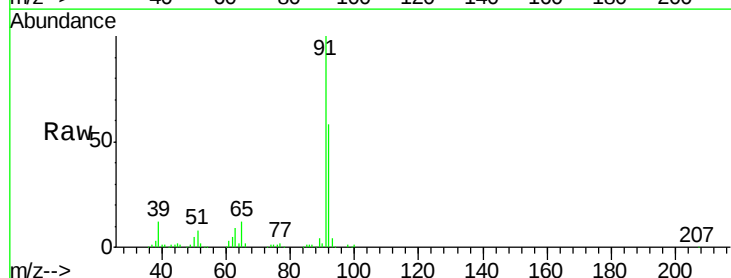
Acq: 29 Oct 2020 12:59

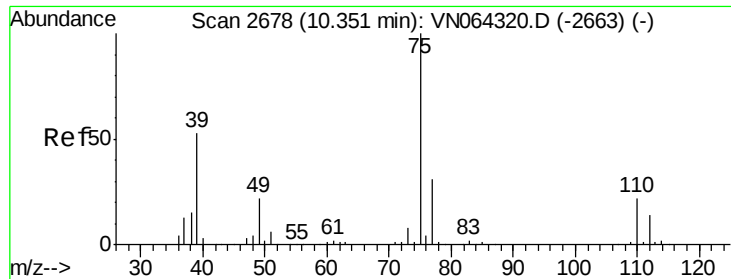
Tgt Ion: 92 Resp: 130426

Ion Ratio Lower Upper

92 100

91 172.1 139.9 209.9





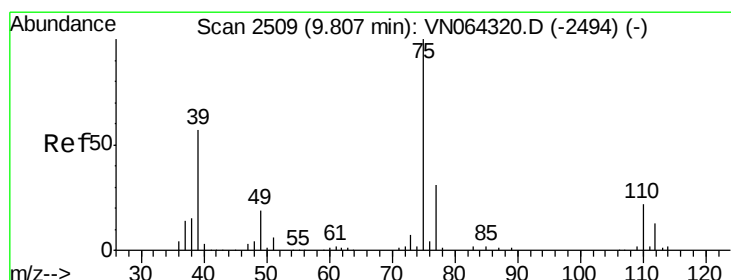
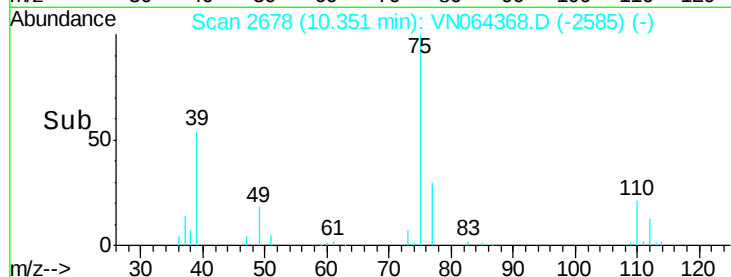
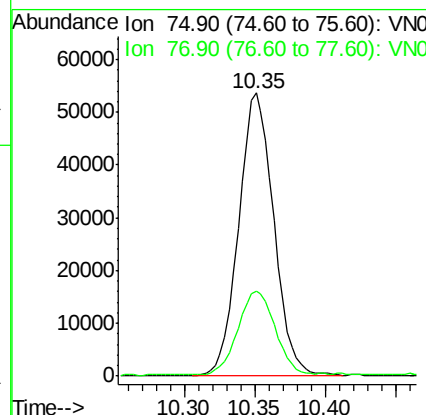
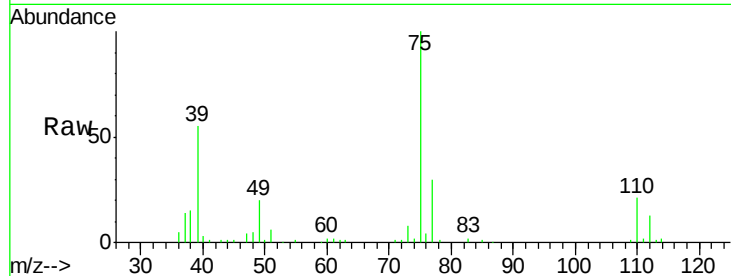
#53
t-1,3-Dichloropropene
Concen: 18.757 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.7	24.8	37.2

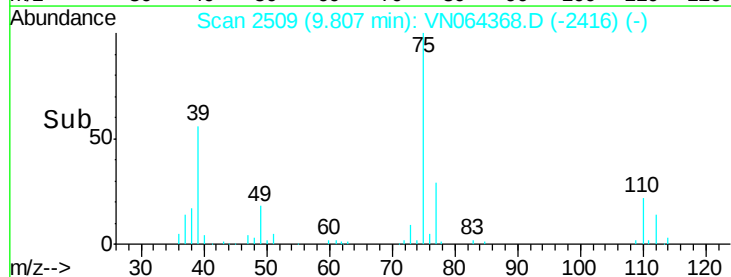
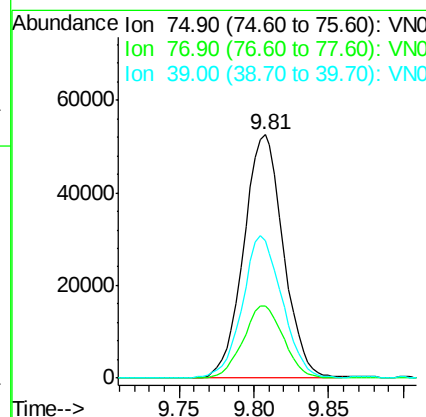
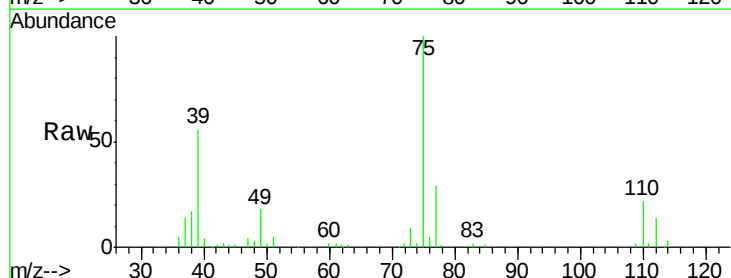
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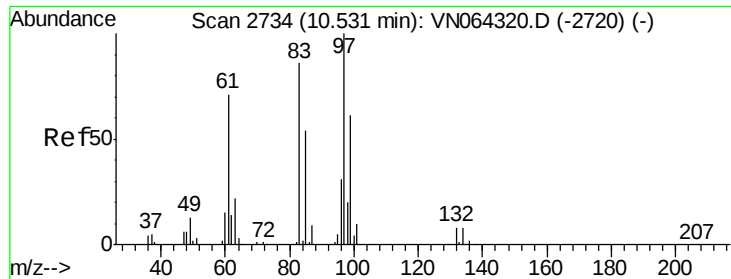
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#54
cis-1,3-Dichloropropene
Concen: 18.851 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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





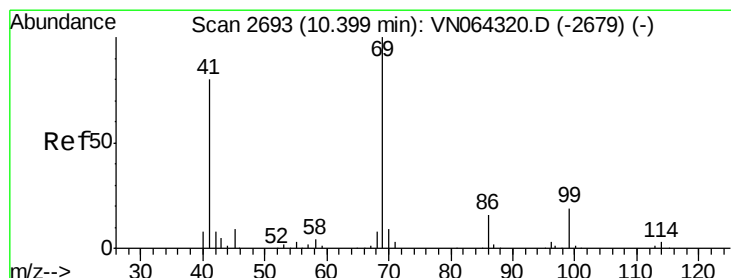
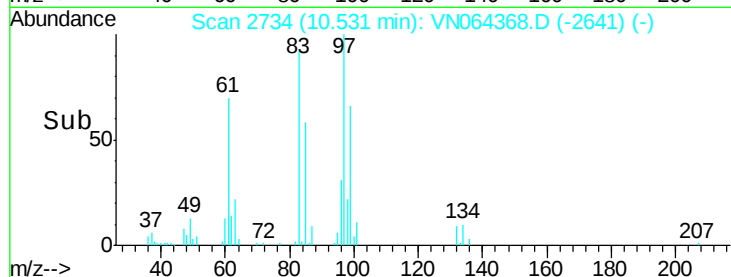
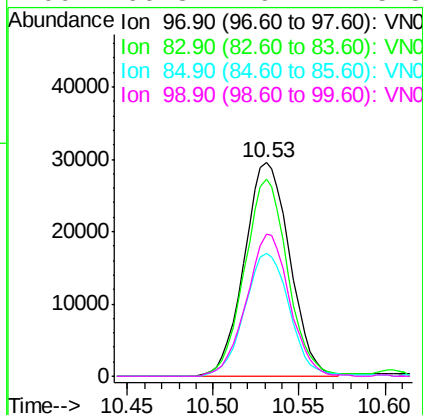
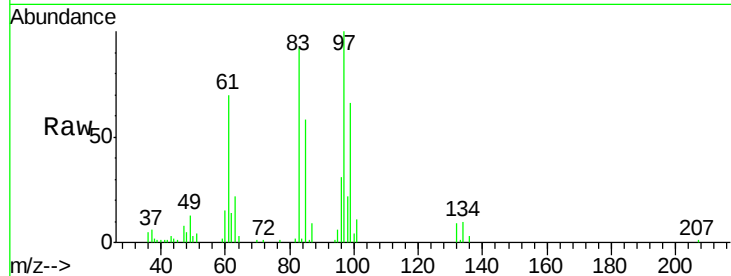
#55
 1,1,2-Trichloroethane
 Concen: 19.037 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		53994		
83	92.5	68.9	103.3		
85	57.7	43.6	65.4		
99	66.3	49.2	73.8		

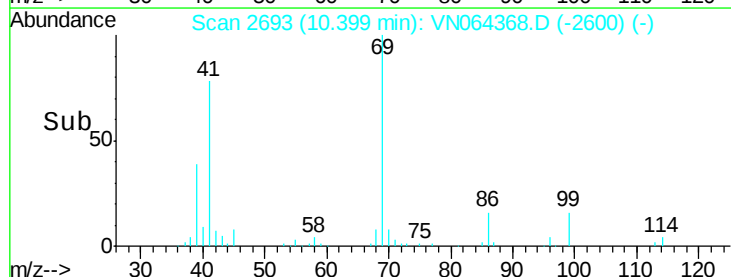
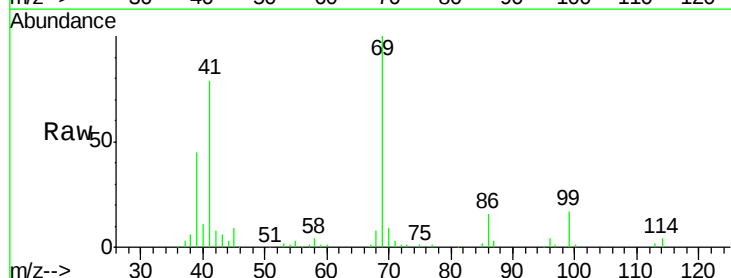
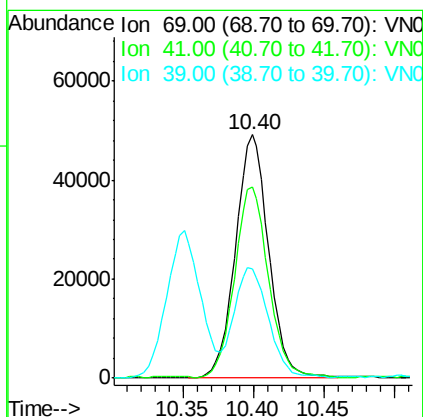
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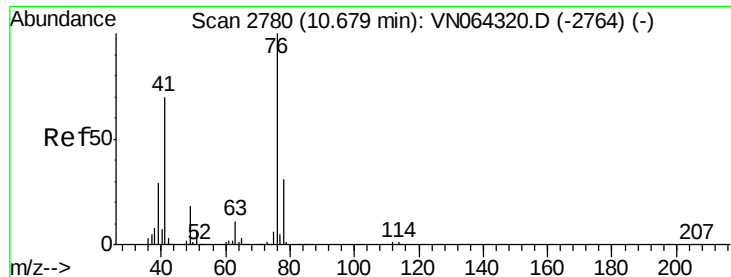
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#56
 Ethyl methacrylate
 Concen: 18.894 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		81118		
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

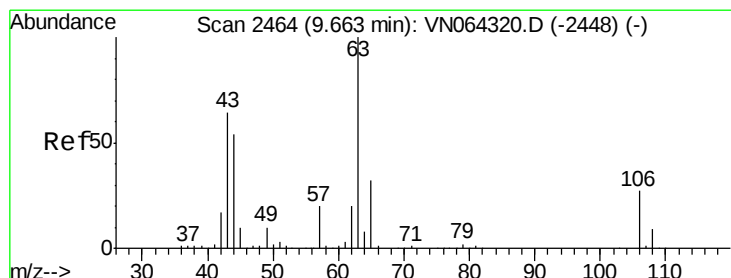
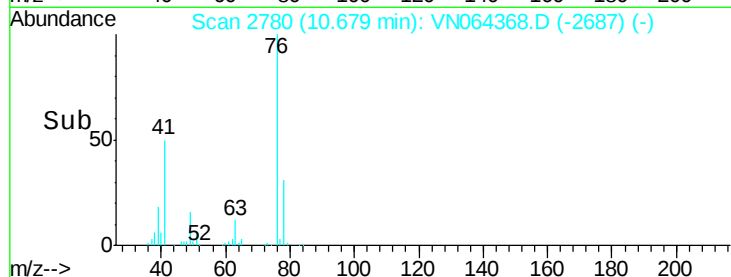
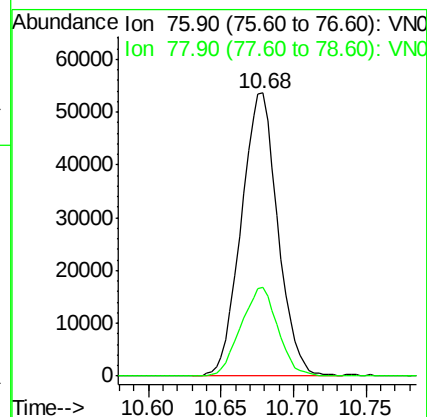
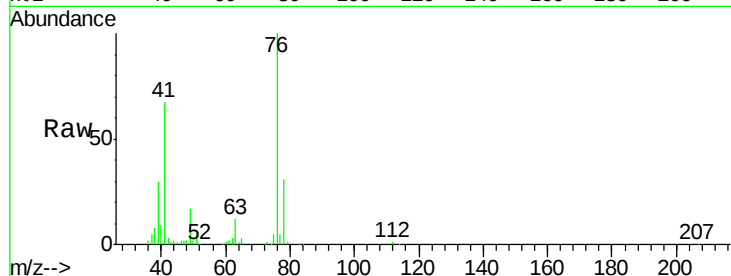
78 31.6 25.8 38.6

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#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

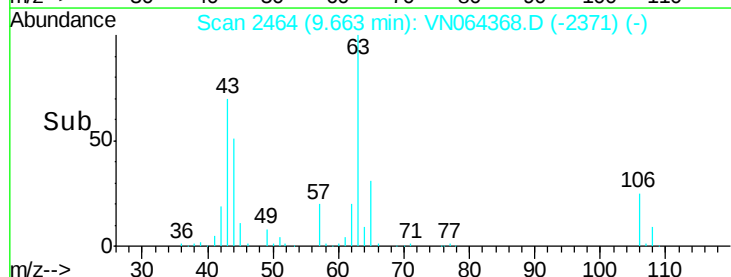
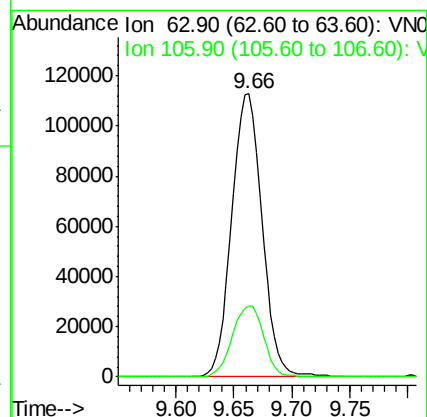
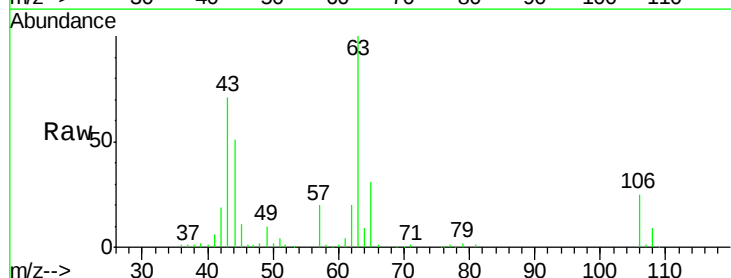
Acq: 29 Oct 2020 12:59

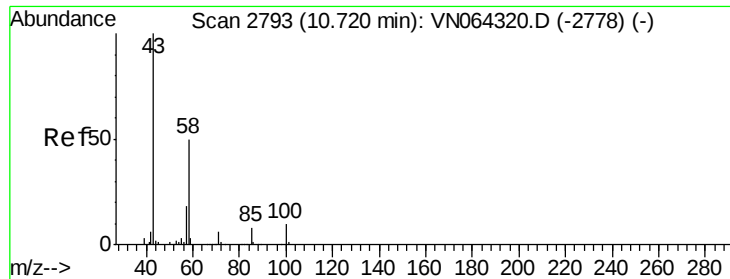
Tgt Ion: 63 Resp: 204402

Ion Ratio Lower Upper

63 100

106 25.9 21.0 31.4





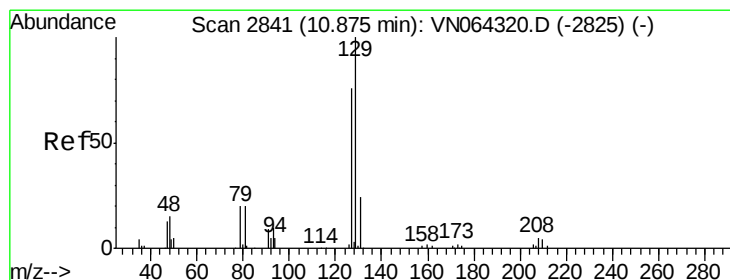
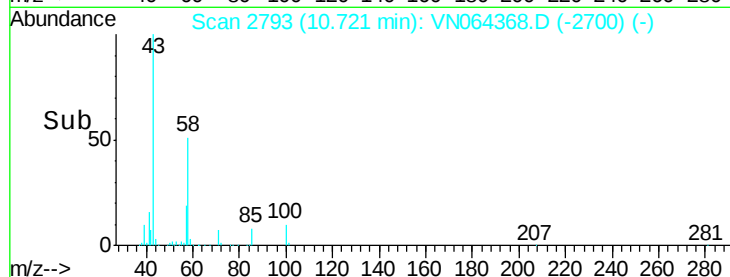
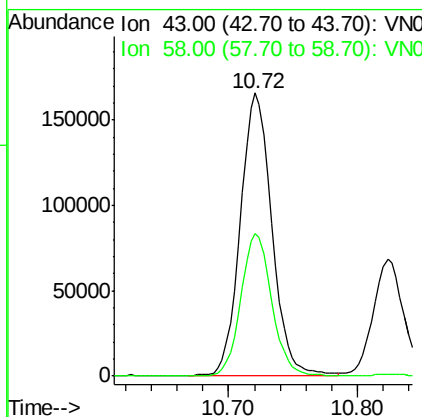
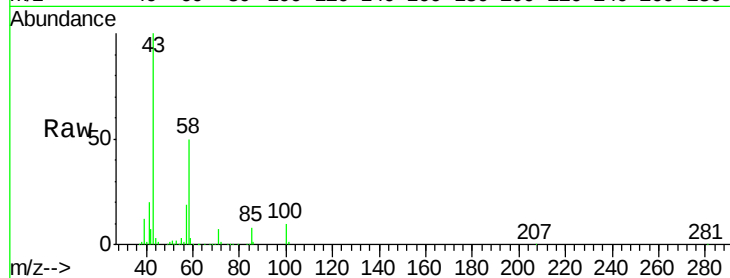
#59
2-Hexanone
Concen: 92.358 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

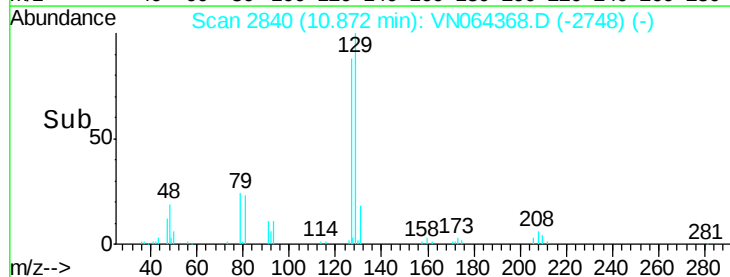
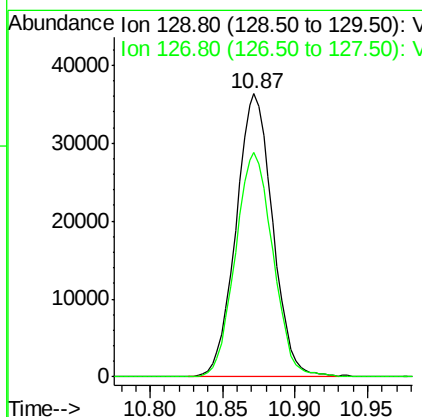
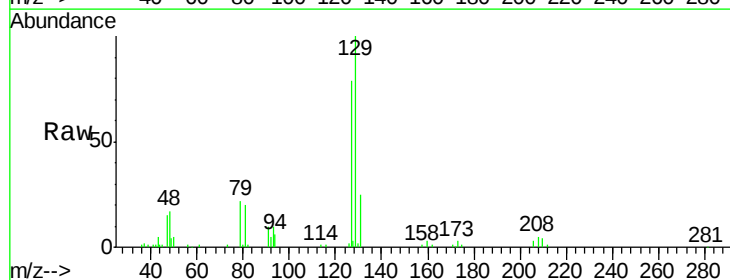
Manual Integrations
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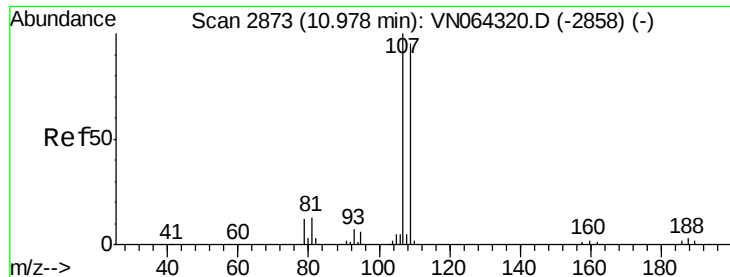
MMDadoda
10/30/2020 1:35:31 PM



#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





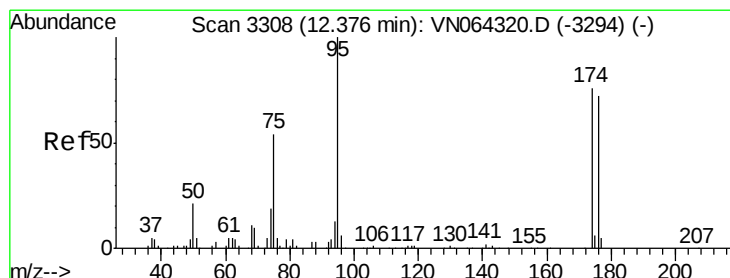
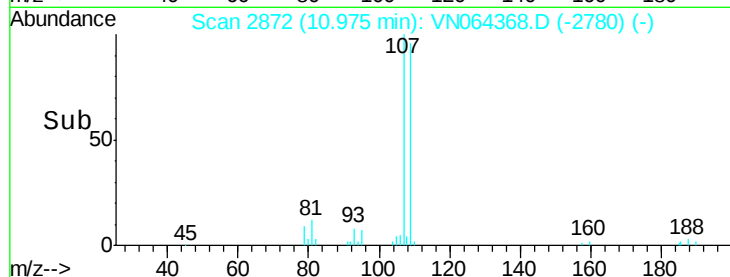
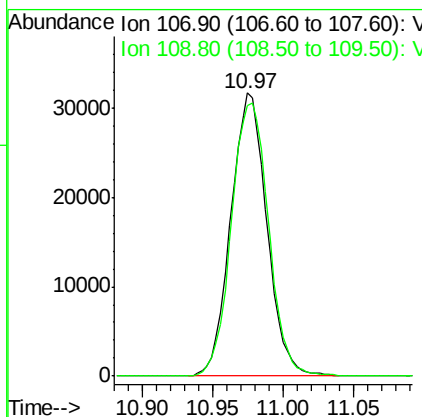
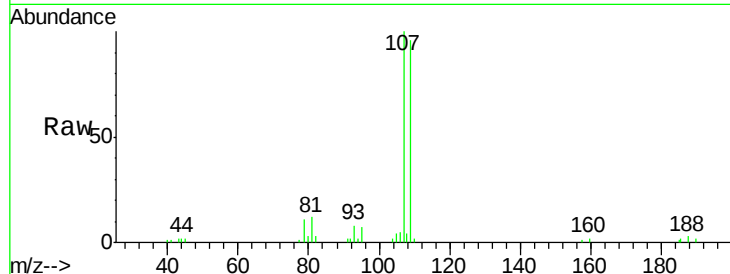
#61
 1,2-Dibromoethane
 Concen: 19.606 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	99.9	75.8	113.8

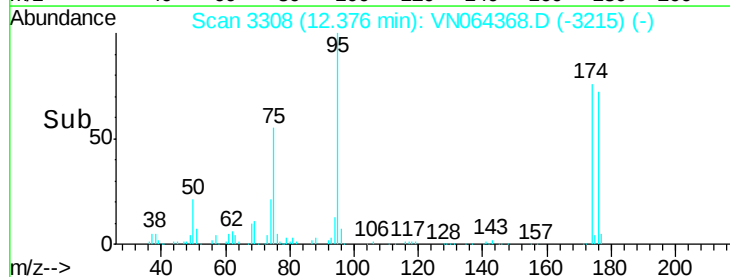
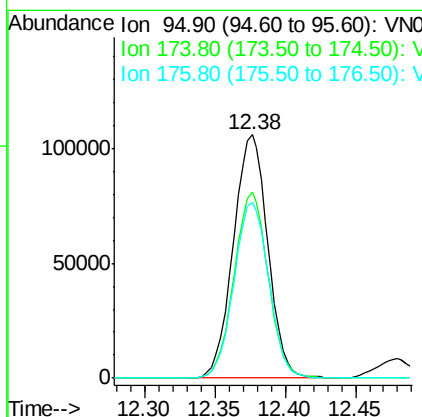
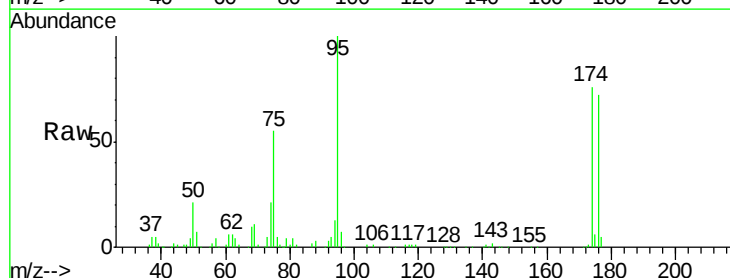
Manual Integrations
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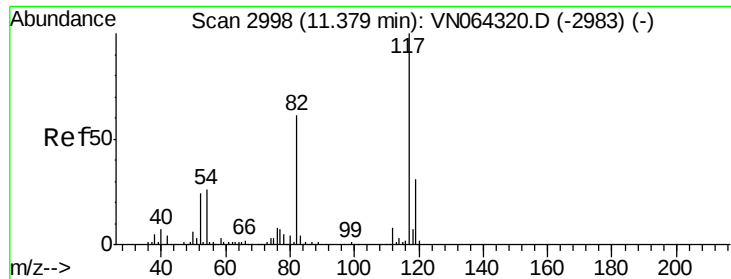
MMDadoda
 10/30/2020 1:35:31 PM



#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	Ratio	Lower	Upper
95	100		
174	75.8	0.0	147.4
176	73.1	0.0	143.6





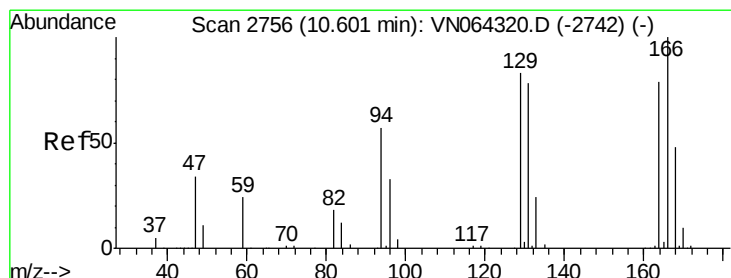
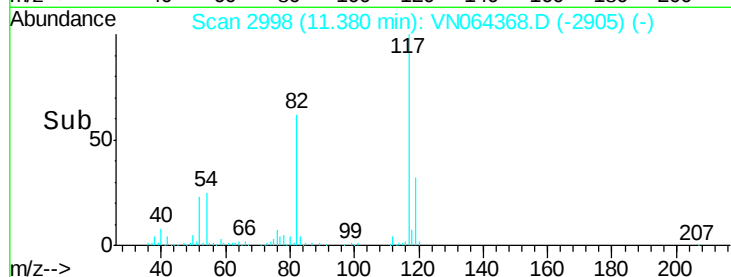
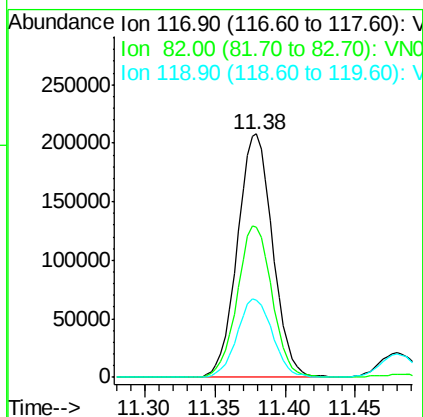
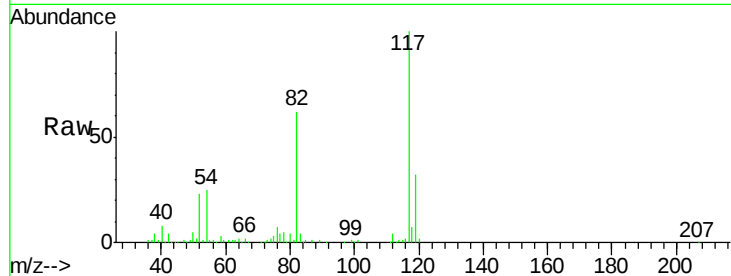
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

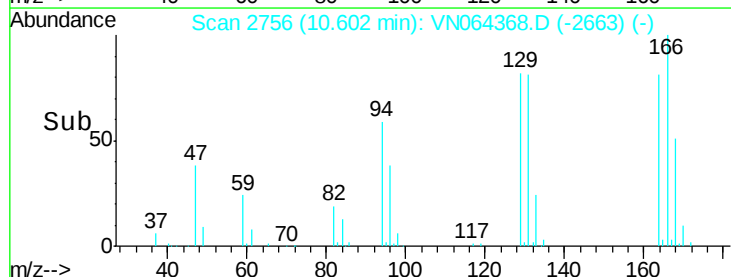
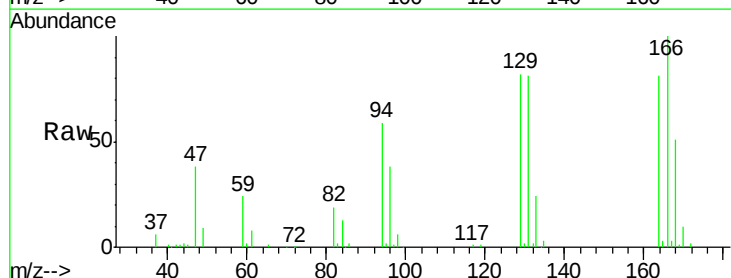
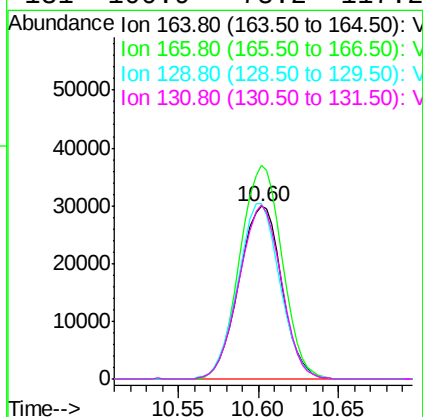
Manual Integrations
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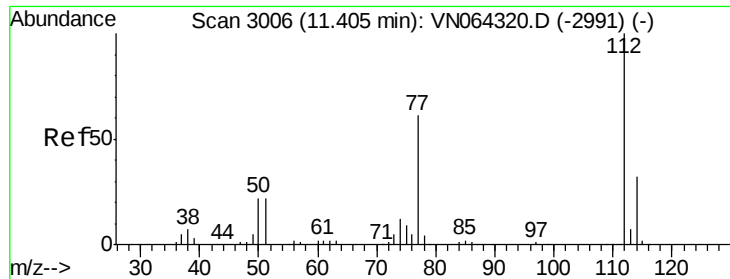
MMDadoda
10/30/2020 1:35:31 PM



#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	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





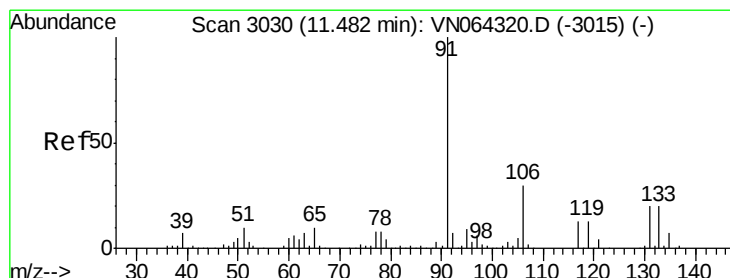
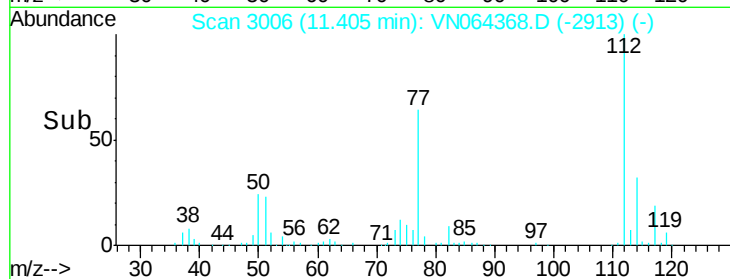
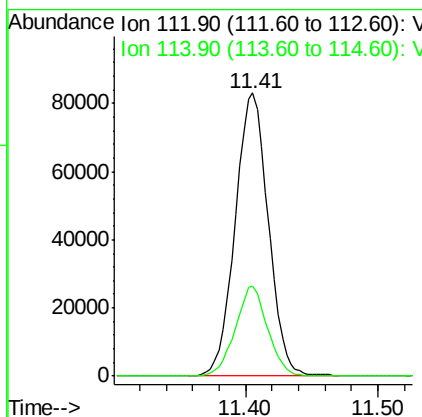
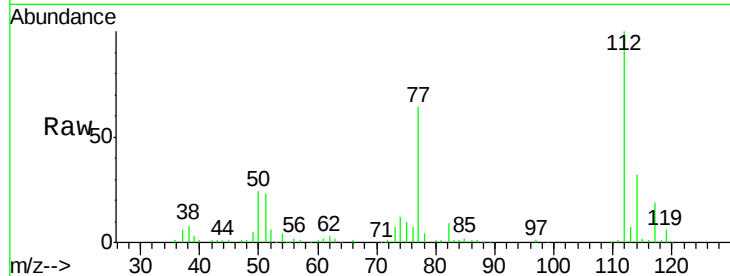
#65
Chlorobenzene
Concen: 19.511 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

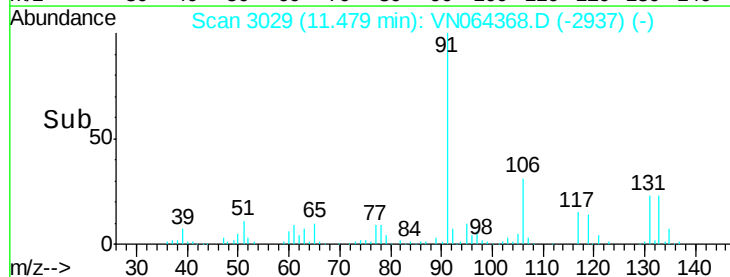
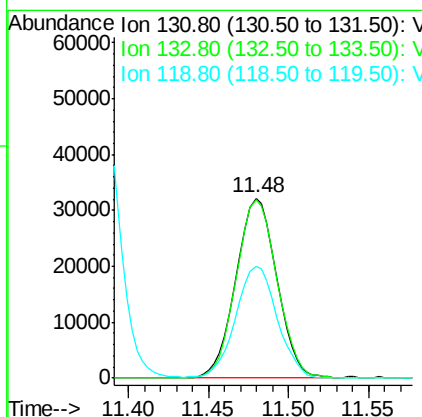
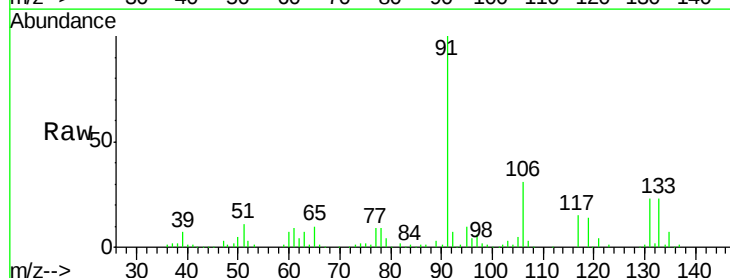
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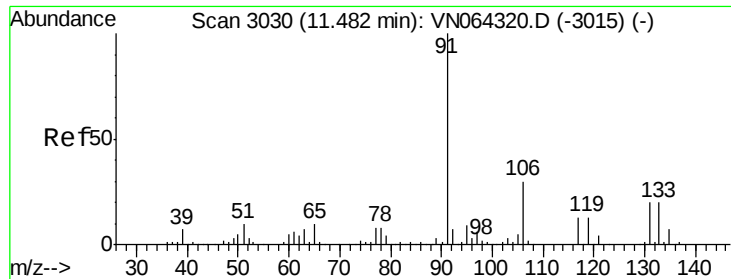
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.820 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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





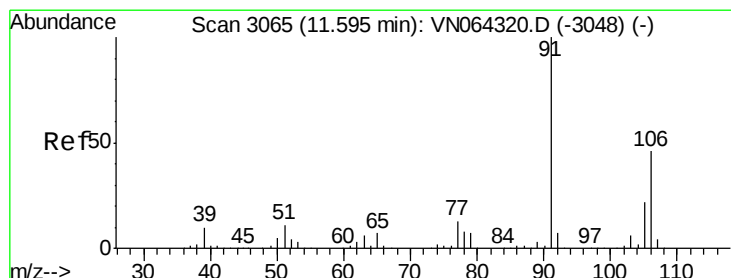
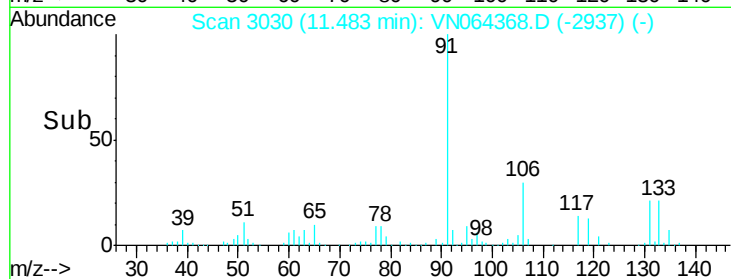
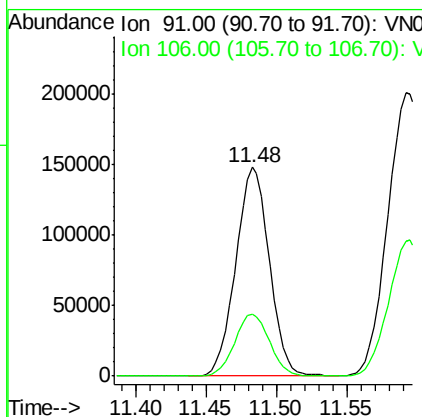
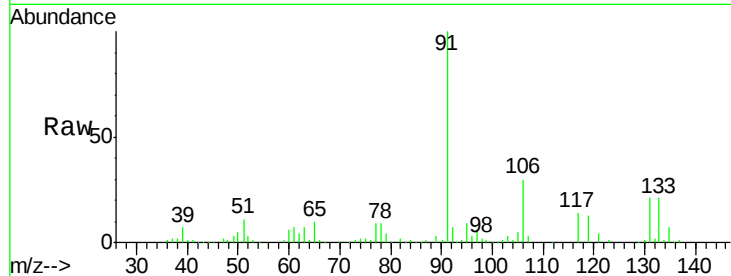
#67
Ethyl Benzene
Concen: 18.083 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

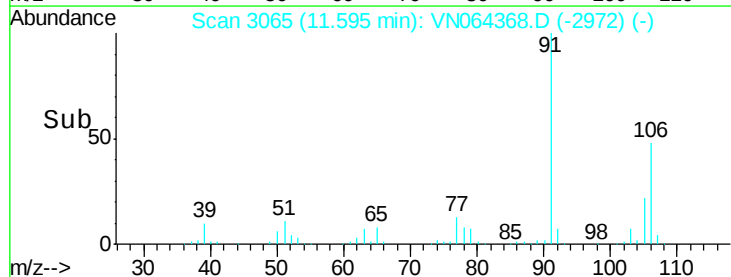
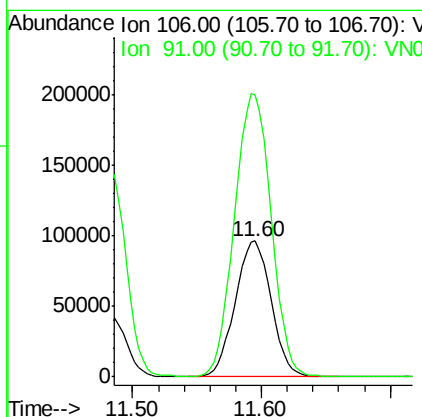
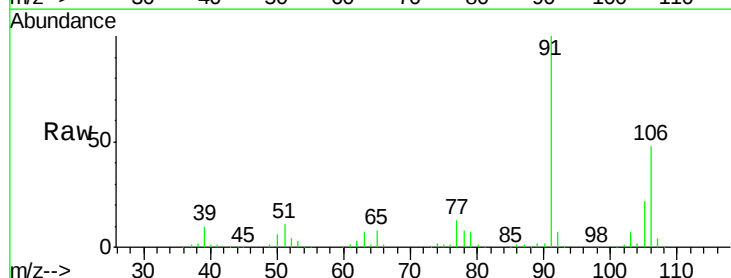
Manual Integrations
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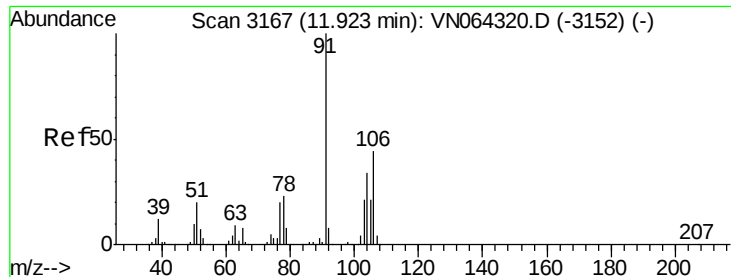
MMDadoda
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#68
m/p-Xylenes
Concen: 36.836 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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





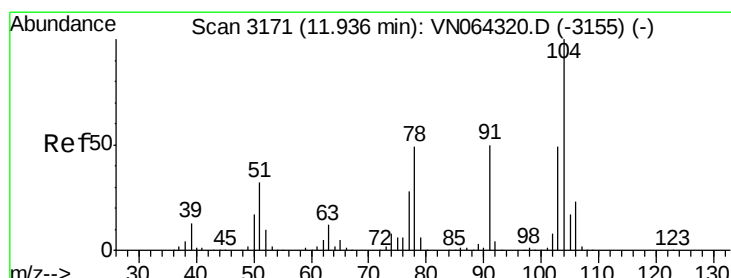
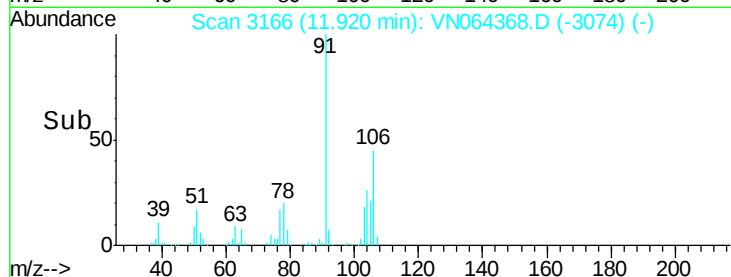
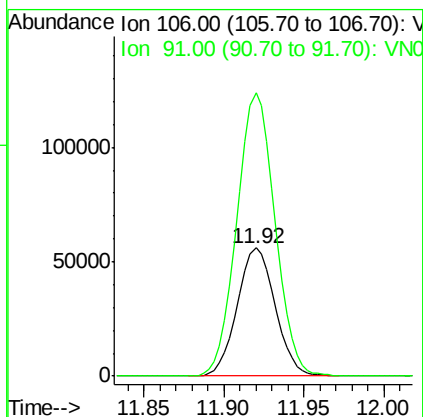
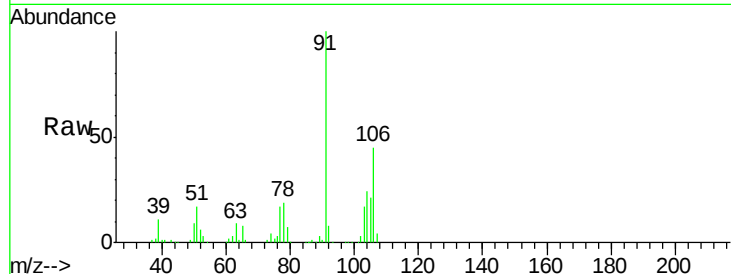
#69
o-Xylene
Concen: 18.440 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

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

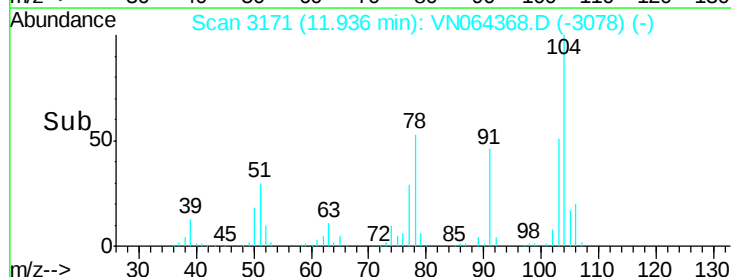
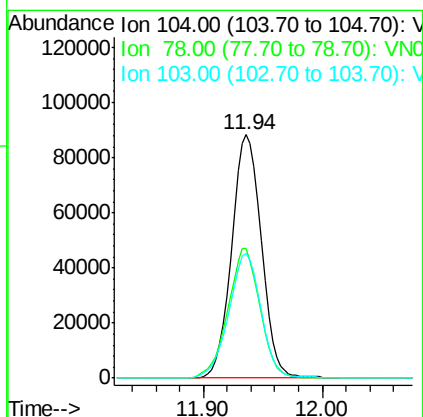
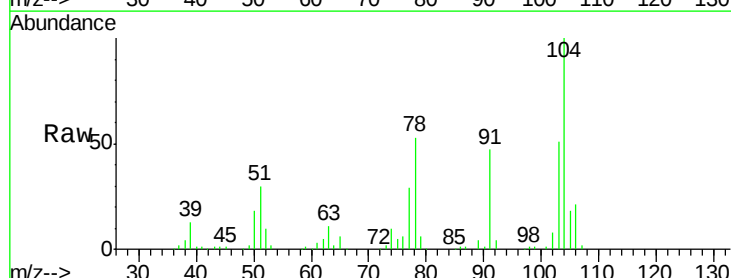
Manual Integrations
APPROVED

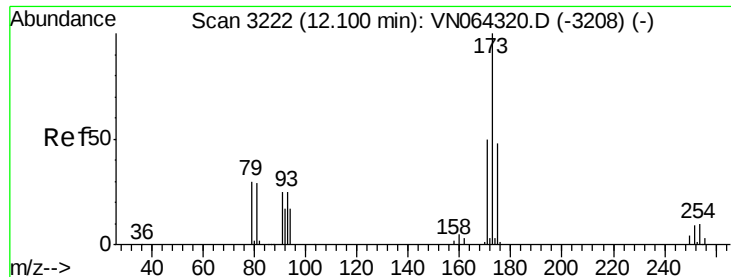
MMDadoda
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#70
Styrene
Concen: 19.035 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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

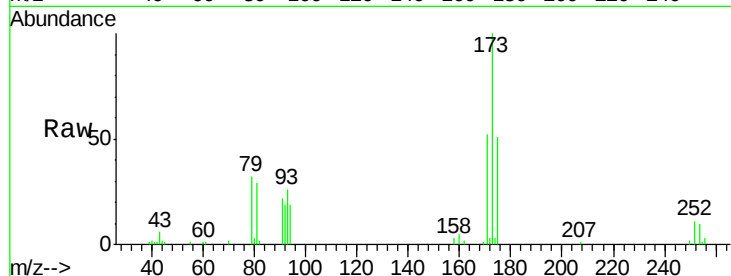
173 100

175 47.4 25.4 76.0

254 0.1 0.0 0.0#

Manual Integrations
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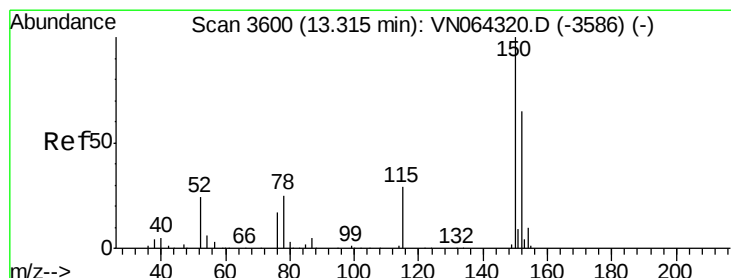
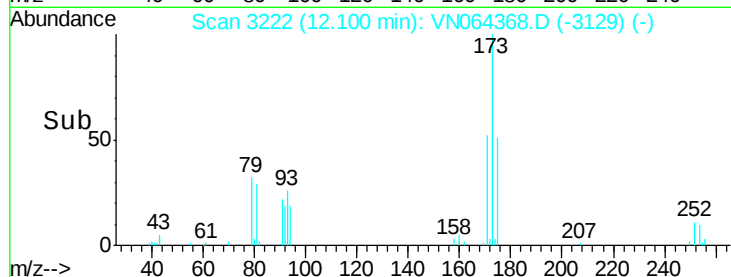
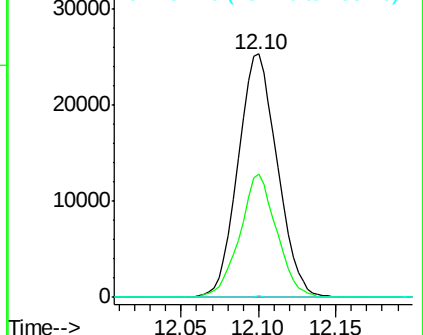
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

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

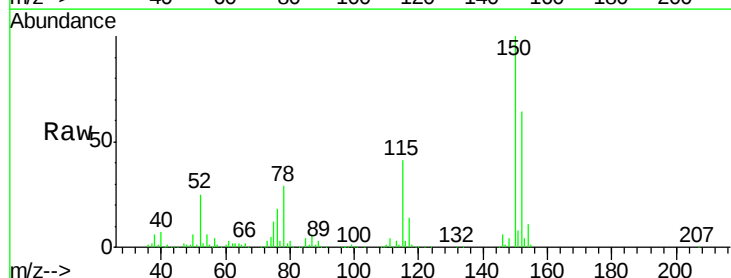
Tgt Ion:152 Resp: 166522

Ion Ratio Lower Upper

152 100

115 62.7 31.5 94.5

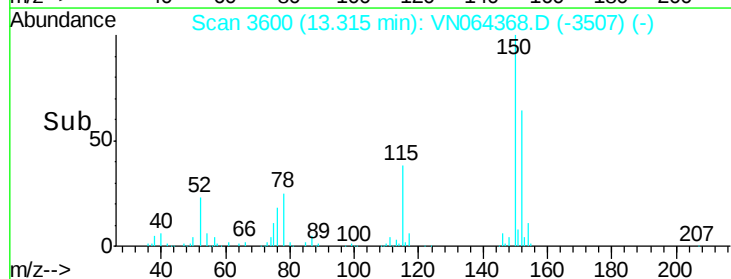
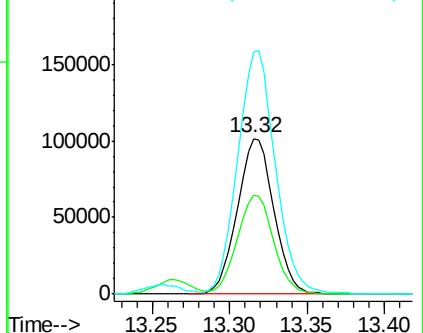
150 161.9 0.0 346.2

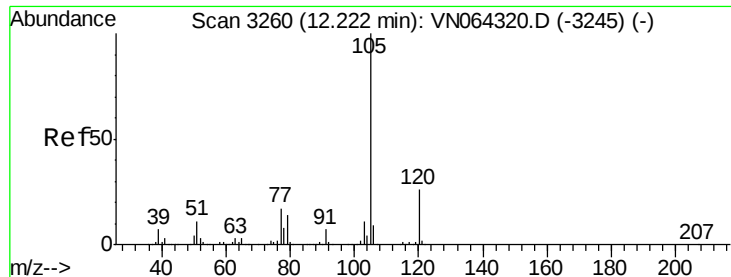


Abundance Ion 151.90 (151.60 to 152.60): V

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

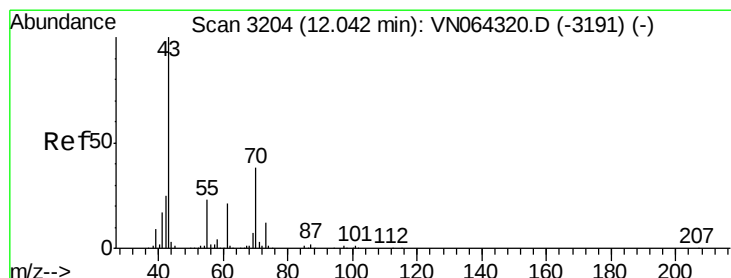
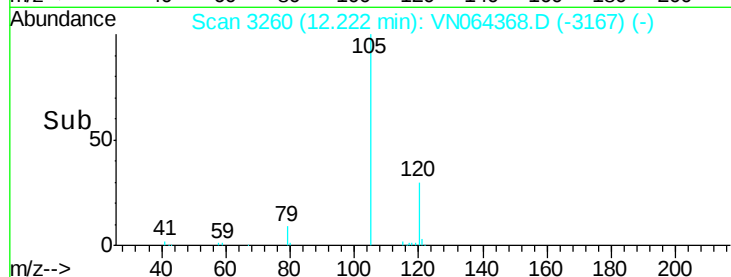
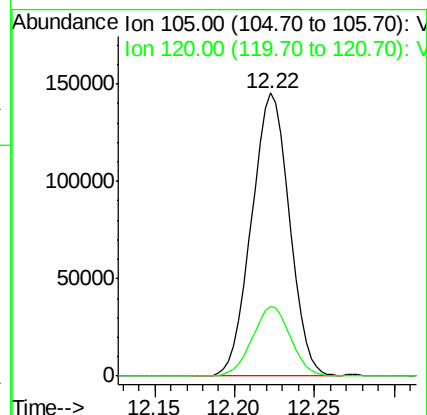
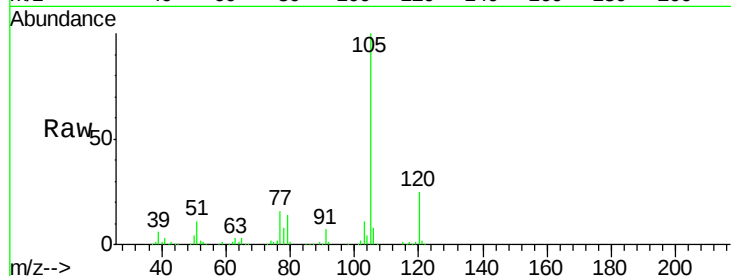
120 24.8 13.2 39.5

Manual Integrations

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#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

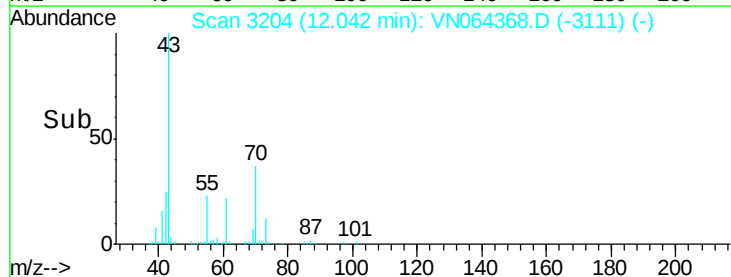
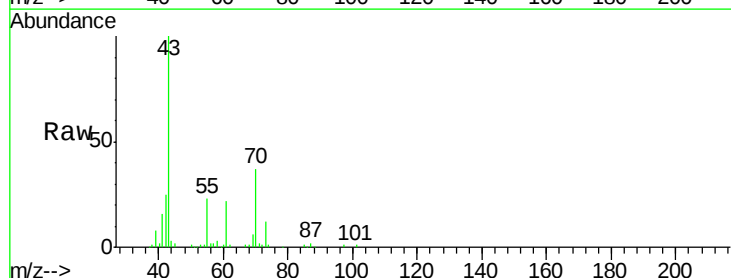
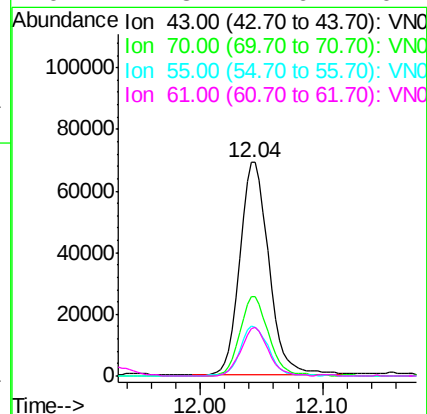
Ion Ratio Lower Upper

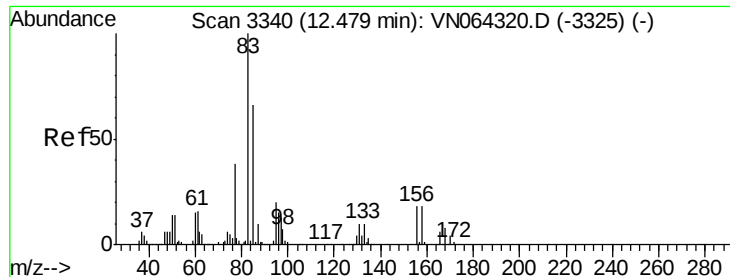
43 100

70 37.0 30.6 45.8

55 23.1 18.2 27.4

61 21.3 17.6 26.4





#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

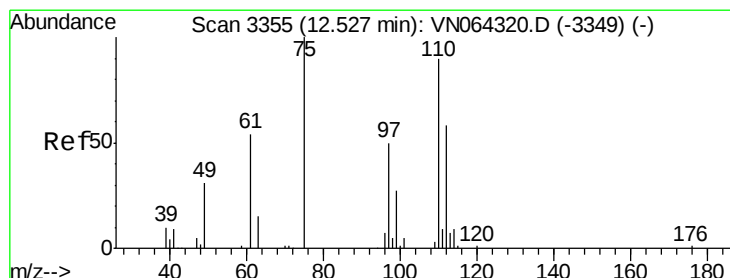
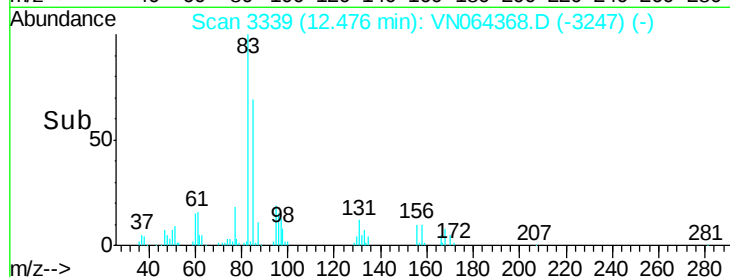
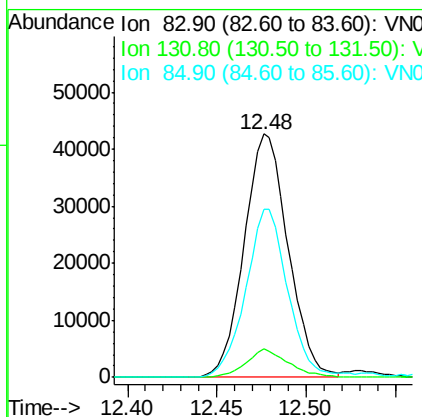
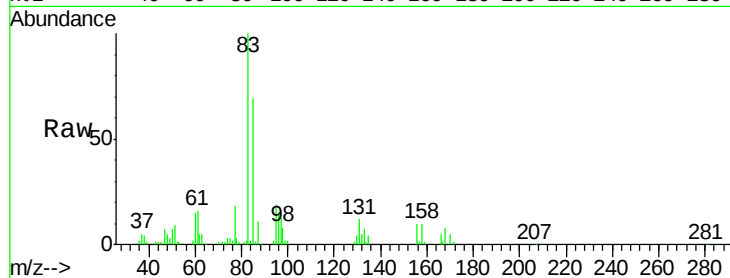
ClientSampleId :

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

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#76

1,2,3-Trichloropropane

Concen: 18.076 ug/l m

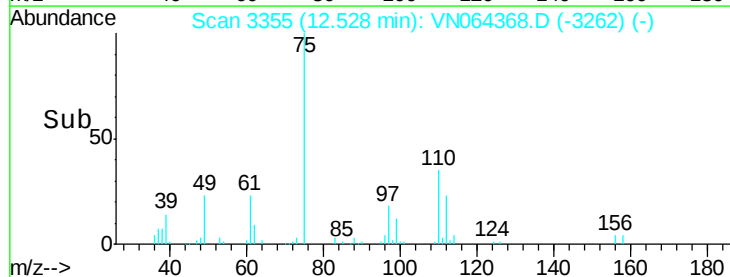
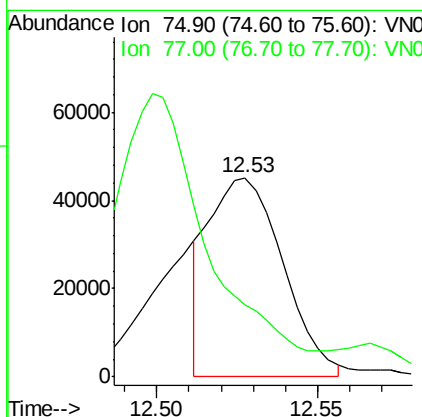
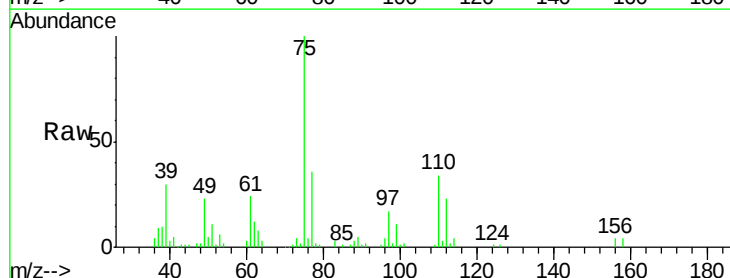
RT: 12.53 min Scan# 3355

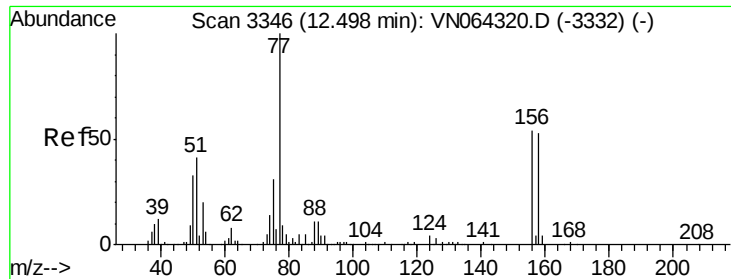
Delta R.T. 0.00 min

Lab File: VN064368.D

Acq: 29 Oct 2020 12:59

Tgt Ion:	75	Resp:	72081
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#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

ClientSampleId :

VN1029WBSD01

Tot Ion:156 Resp: 59879

Ion Ratio Lower Upper

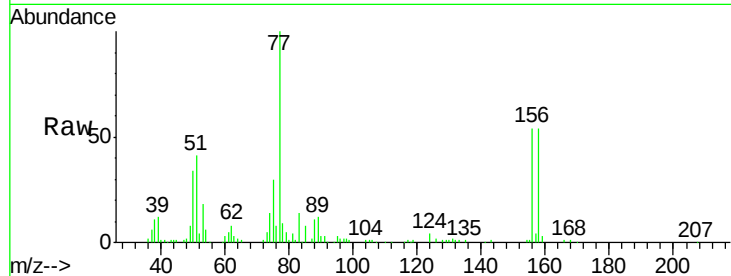
156 100

77 223.4 111.9 335.7

158 101.5 49.0 147.0

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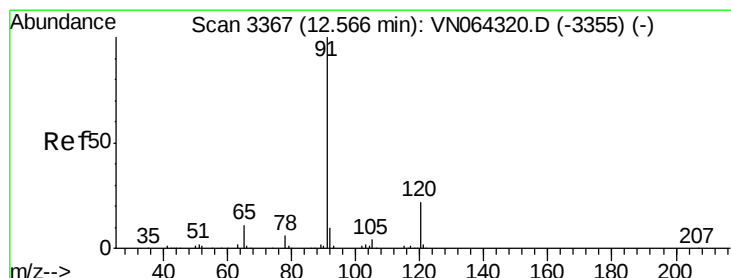
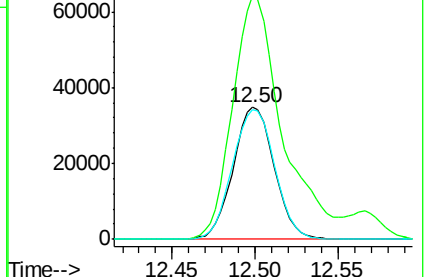
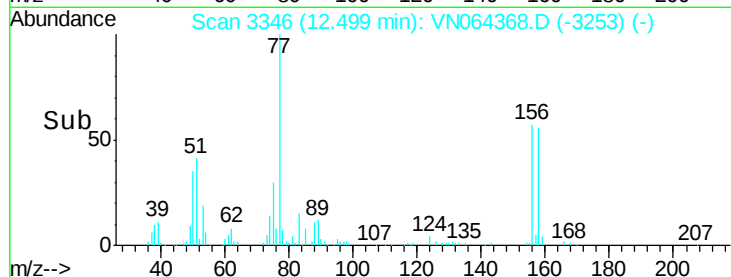
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Abundance Ion 155.80 (155.50 to 156.50): V

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

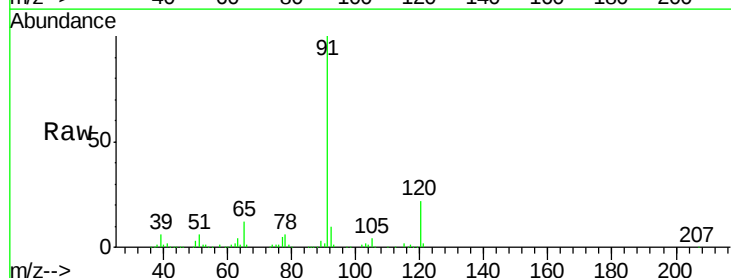
Acq: 29 Oct 2020 12:59

Tgt Ion: 91 Resp: 252429

Ion Ratio Lower Upper

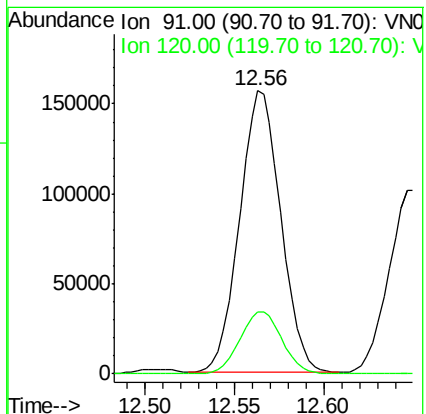
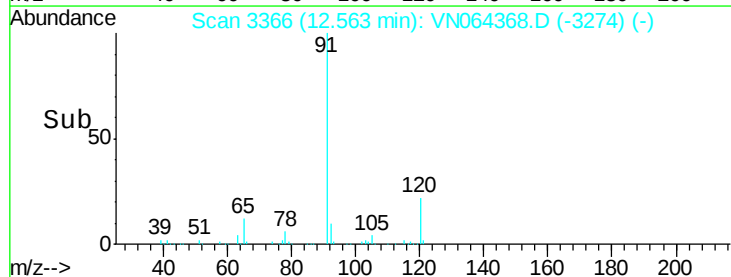
91 100

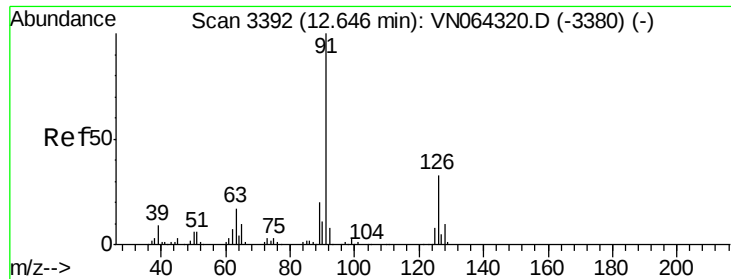
120 22.6 11.2 33.5



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

ClientSampleId :

VN1029WBSD01

Tot Ion: 91 Resp: 164165

Ion Ratio Lower Upper

91 100

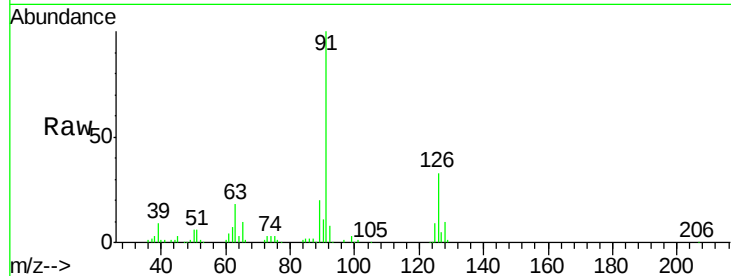
126 33.4 16.2 48.5

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Abundance Ion 91.00 (90.70 to 91.70): VN064368.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064368.D (-3392) (-)

150000

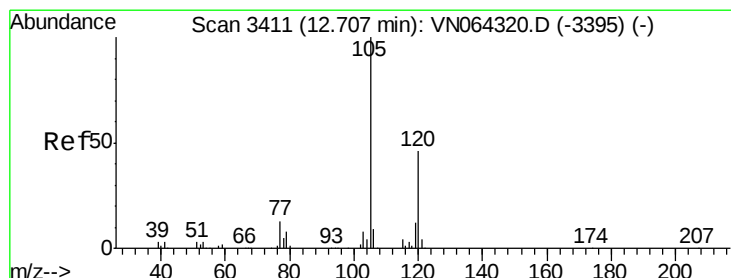
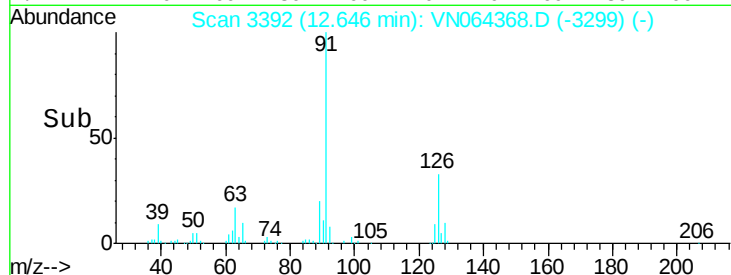
100000

50000

0

12.60 12.65 12.70

Time-->



#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

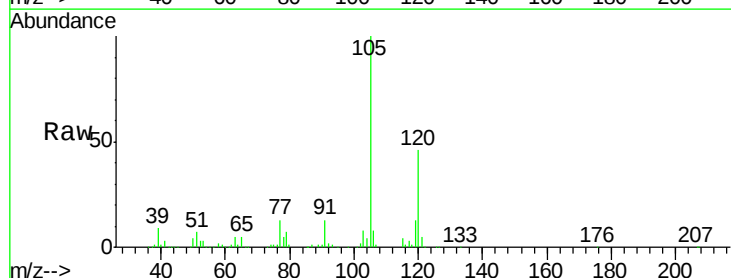
Acq: 29 Oct 2020 12:59

Tgt Ion: 105 Resp: 190095

Ion Ratio Lower Upper

105 100

120 47.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064368.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064368.D (-3411) (-)

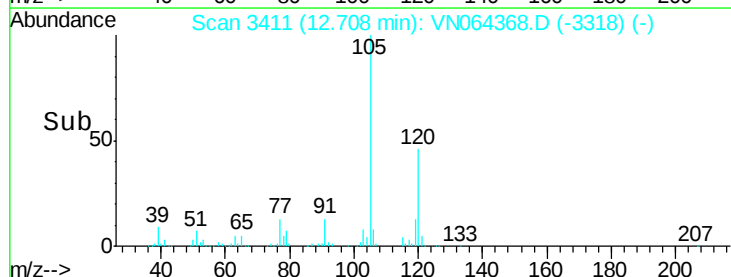
100000

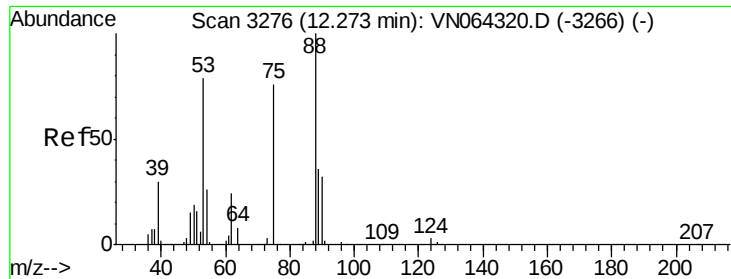
50000

0

12.65 12.70 12.75

Time-->





#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

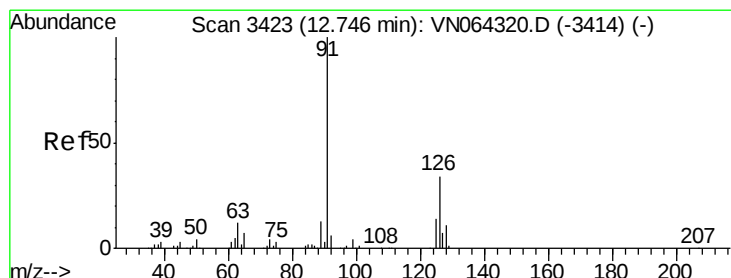
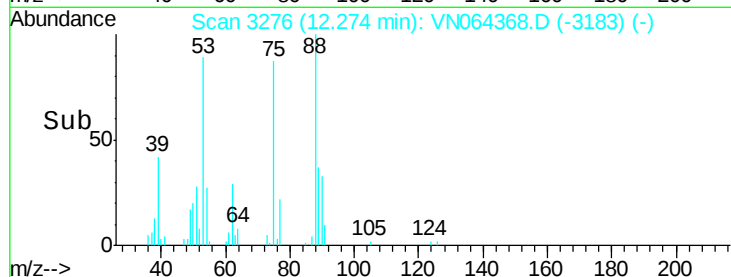
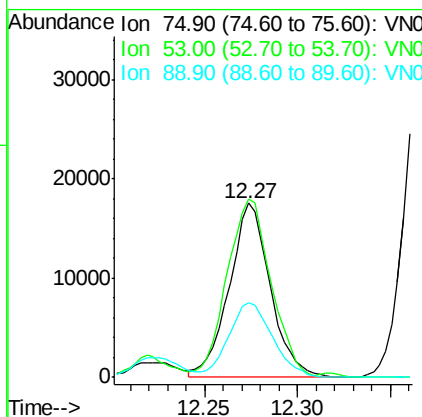
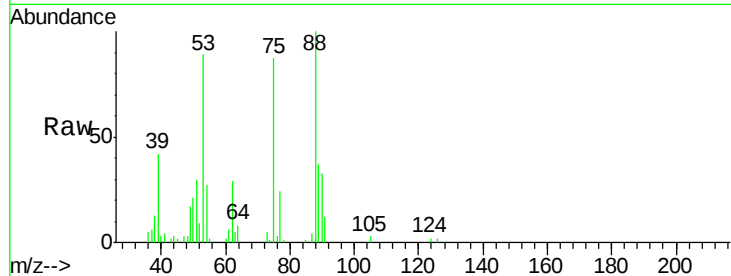
89 45.6 39.9 59.9

Manual Integrations

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#82

4-Chlorotoluene

Concen: 19.091 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064368.D

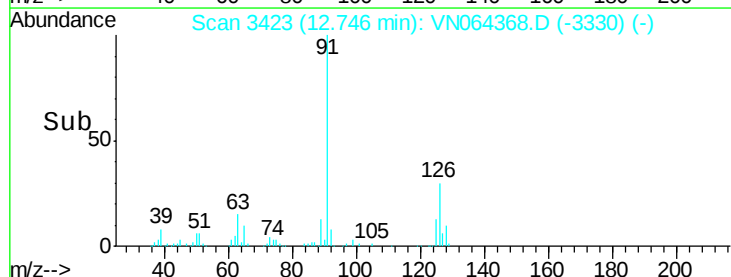
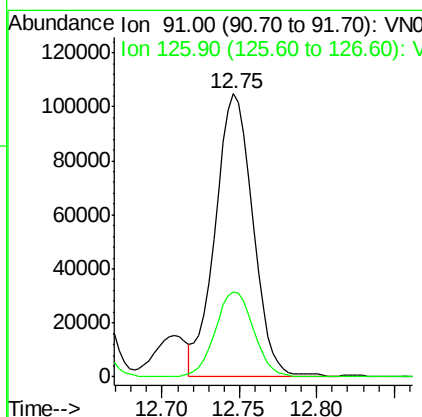
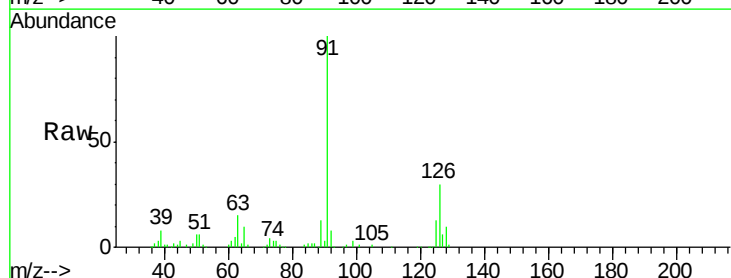
Acq: 29 Oct 2020 12:59

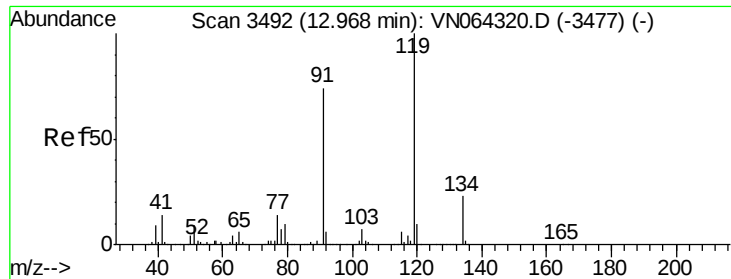
Tgt Ion: 91 Resp: 175546

Ion Ratio Lower Upper

91 100

126 31.1 15.8 47.3





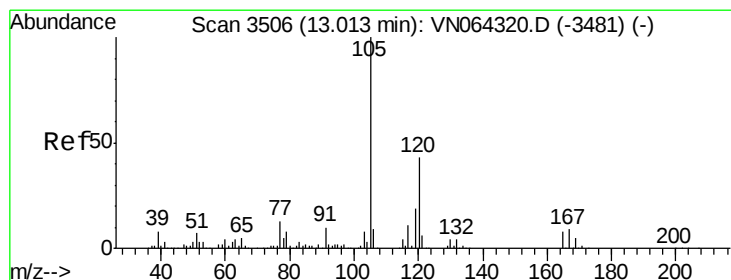
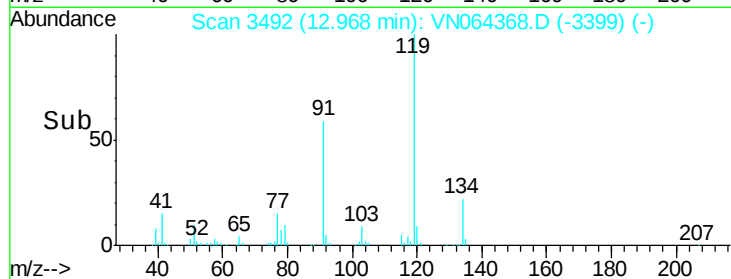
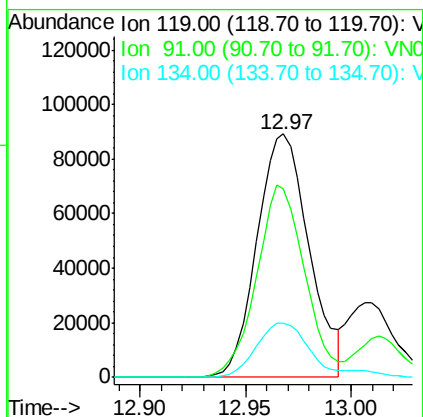
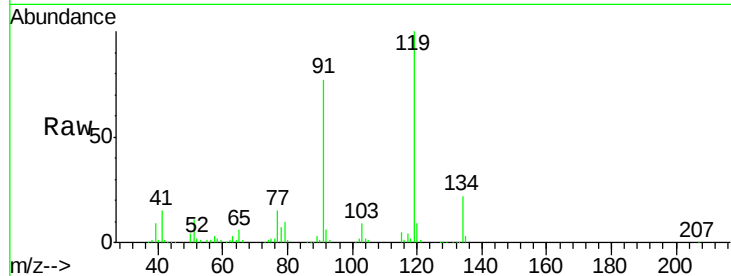
#83
 tert-Butylbenzene
 Concen: 17.672 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

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

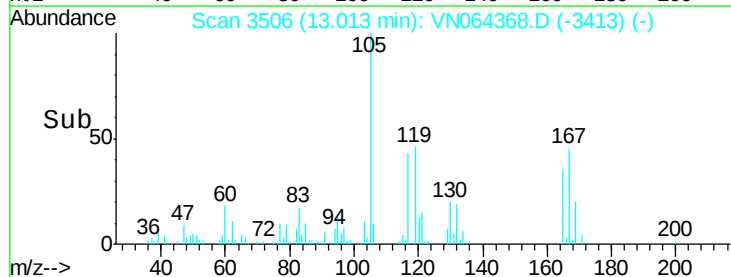
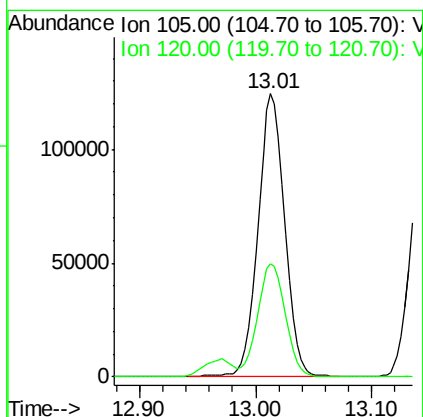
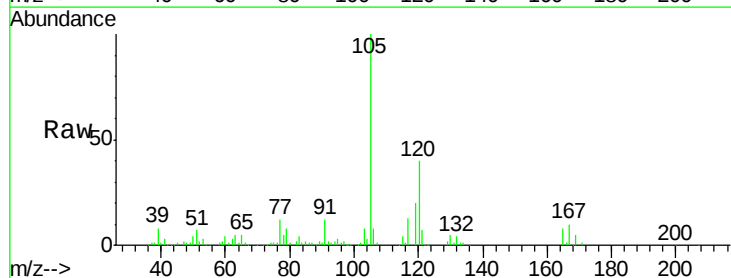
Manual Integrations
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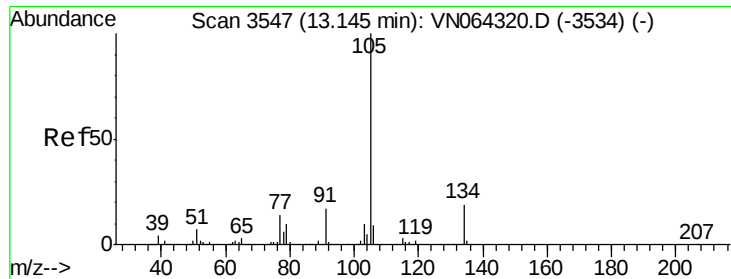
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.969 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200023		
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

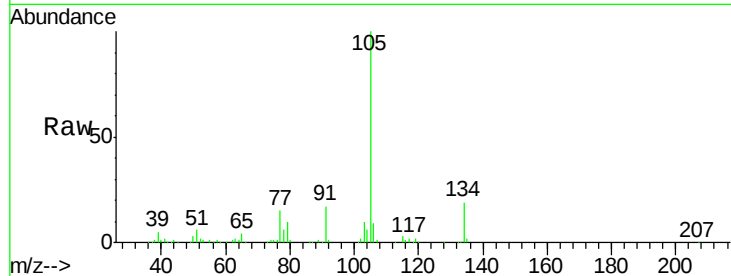
134 19.8 9.6 28.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

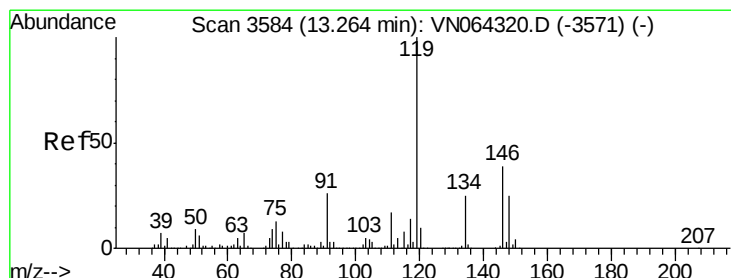
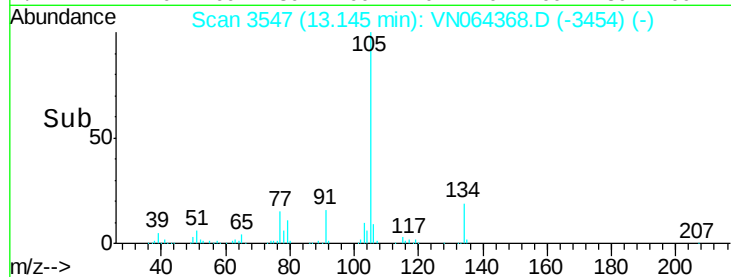
40000

20000

0

13.05 13.10 13.15 13.20

Time-->



#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

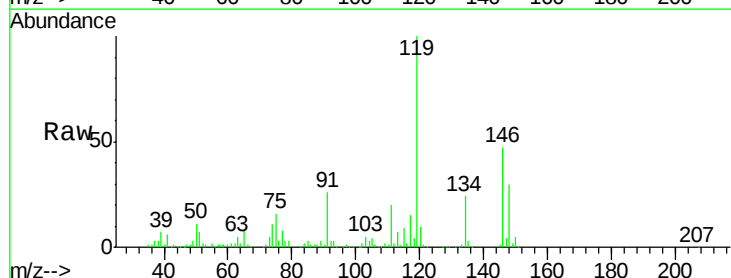
Tgt Ion:119 Resp: 167832

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

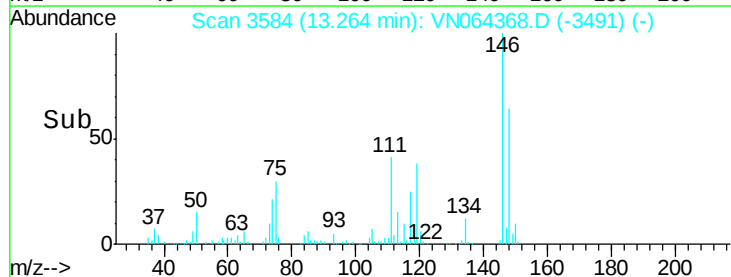
100000

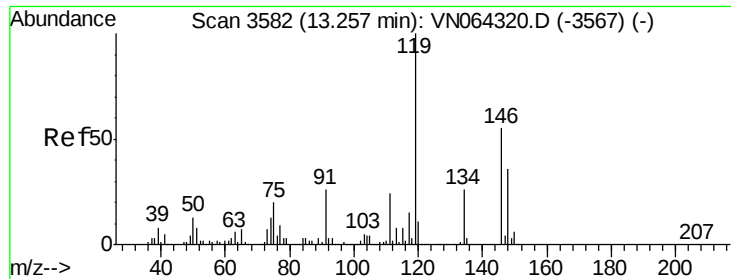
50000

0

13.20 13.25 13.30

Time-->





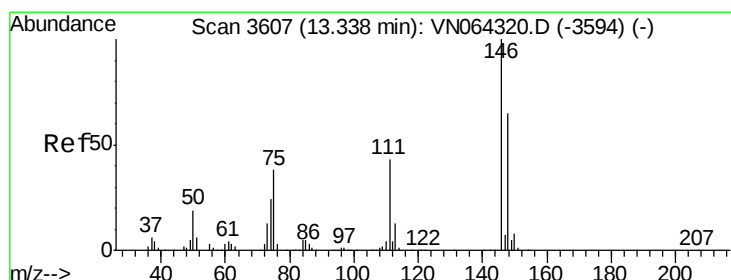
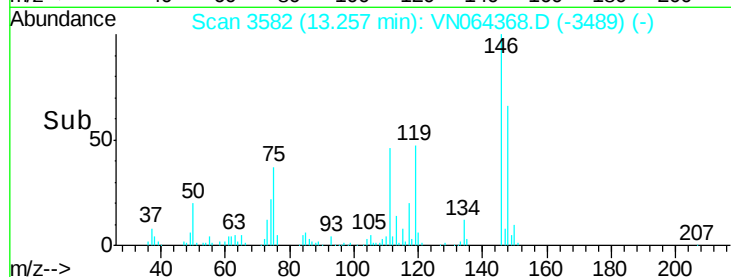
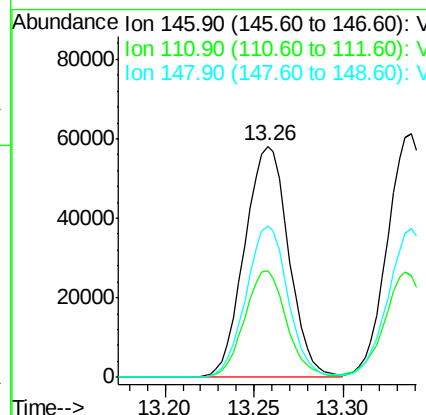
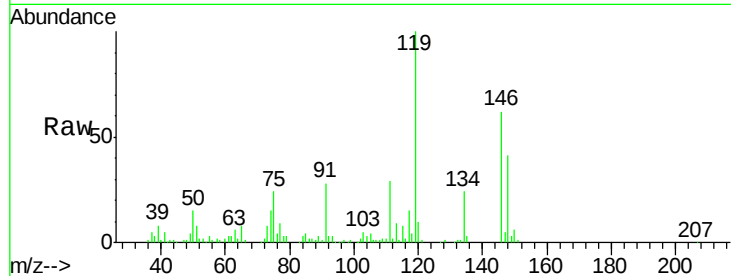
#87
 1,3-Dichlorobenzene
 Concen: 18.741 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.5
148	62.5	32.6	98.0

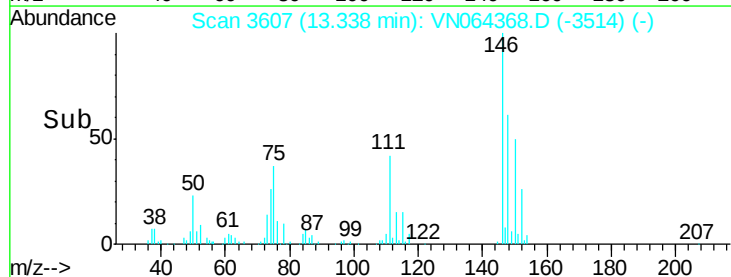
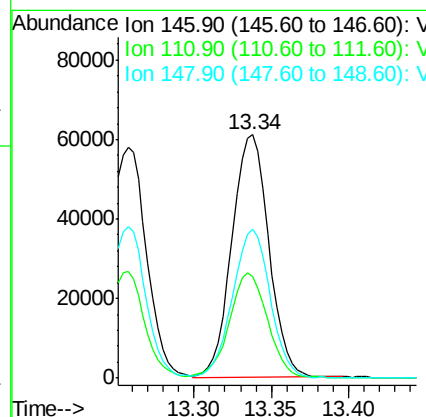
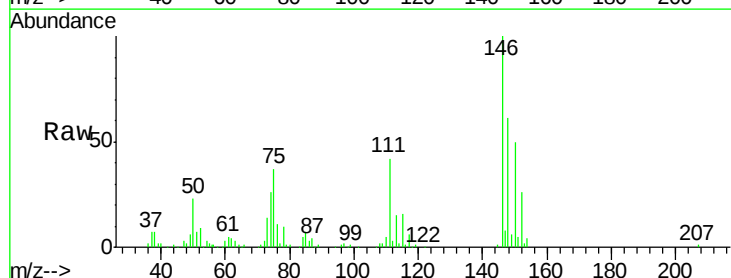
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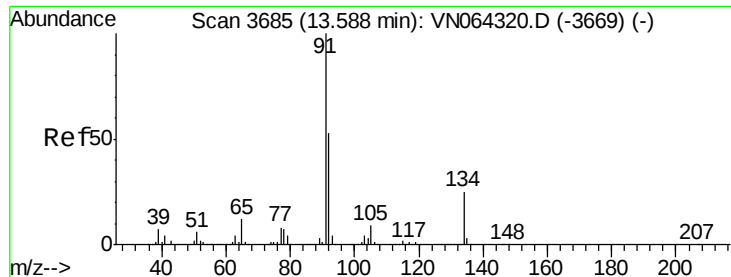
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#88
 1,4-Dichlorobenzene
 Concen: 18.611 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.8	65.4
148	61.8	31.8	95.3





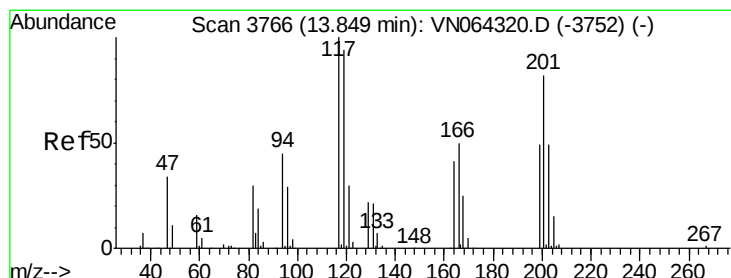
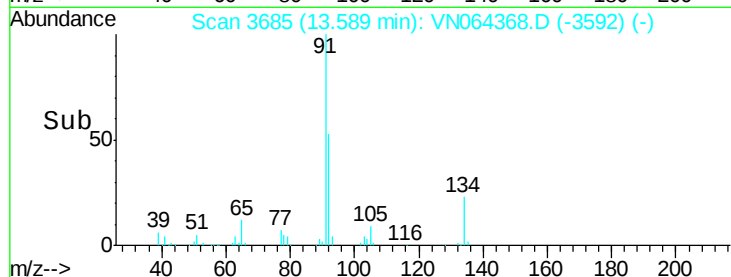
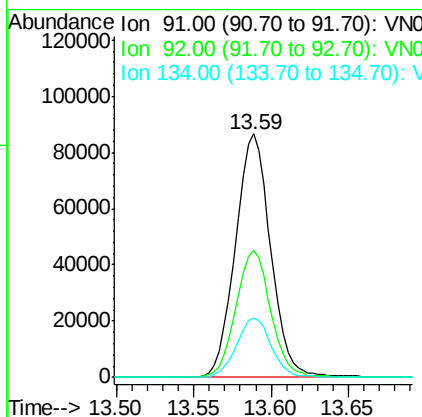
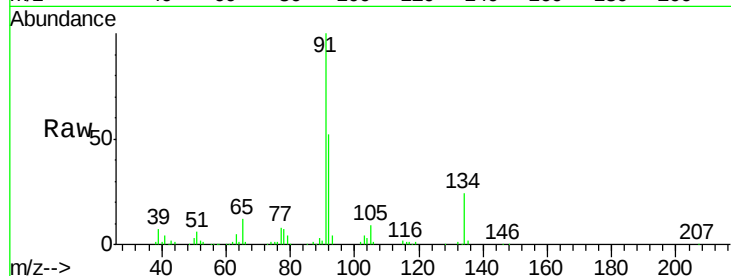
#89
n-Butylbenzene
Concen: 15.359 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.2	78.5
134	24.1	12.4	37.4

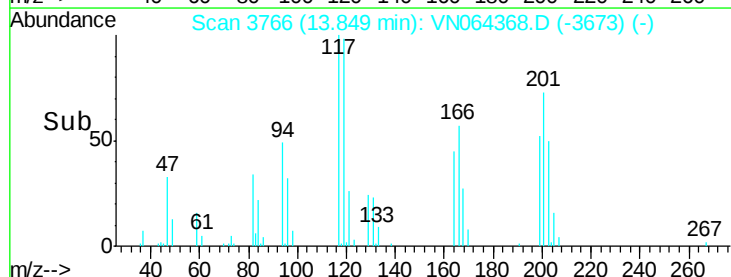
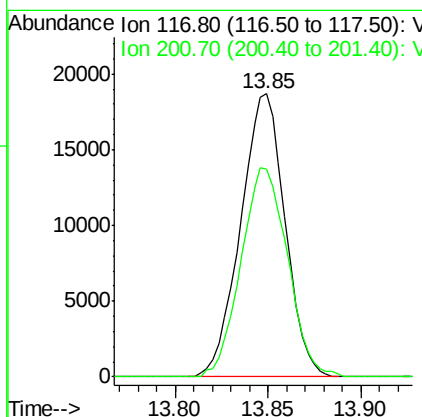
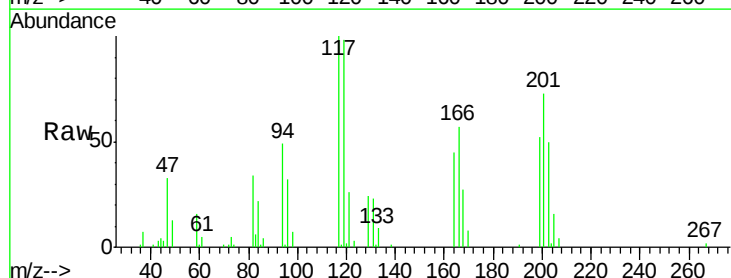
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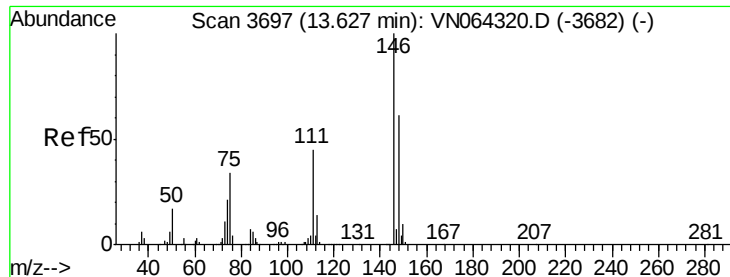
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#90
Hexachloroethane
Concen: 16.376 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.4	39.8	119.3





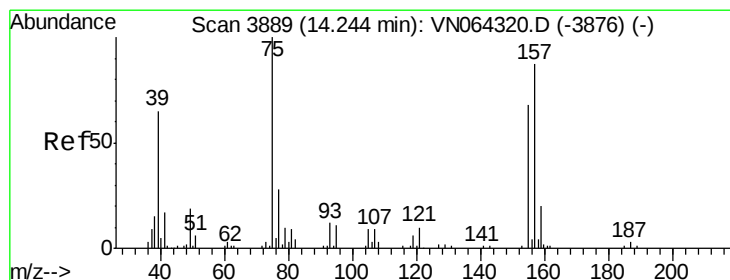
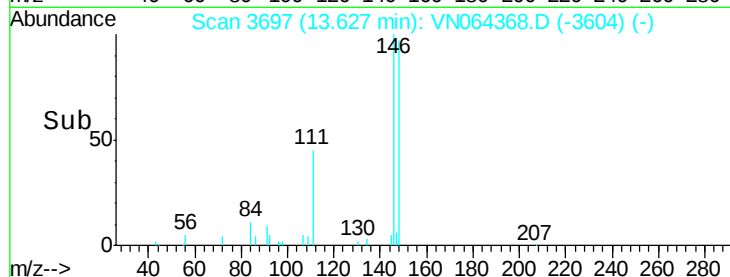
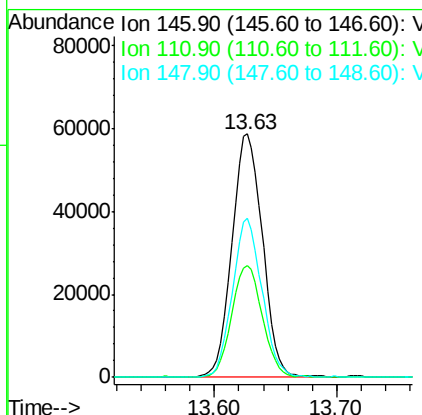
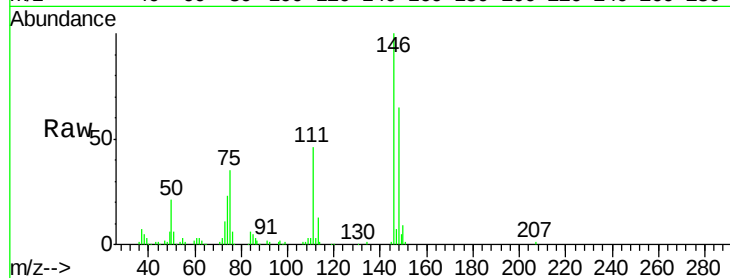
#91
 1,2-Dichlorobenzene
 Concen: 19.247 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

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

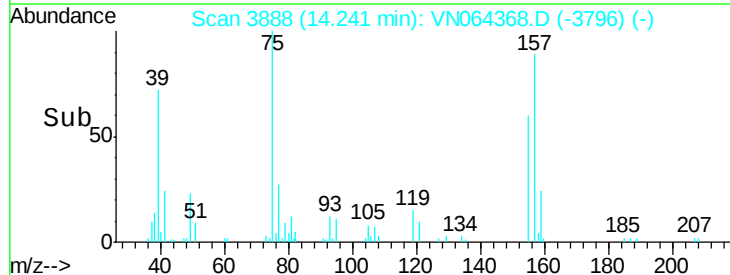
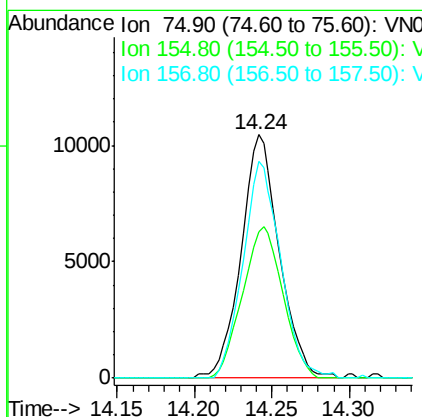
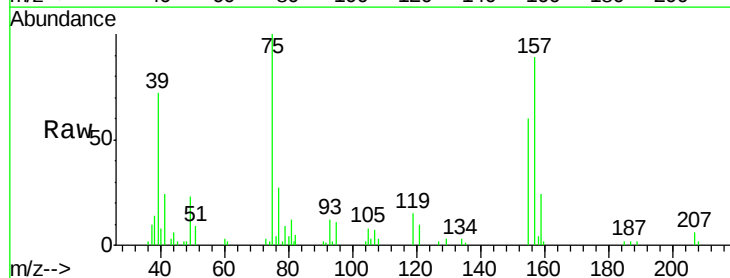
Manual Integrations
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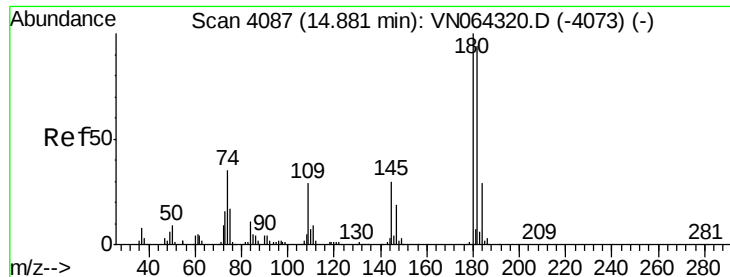
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.039 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

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





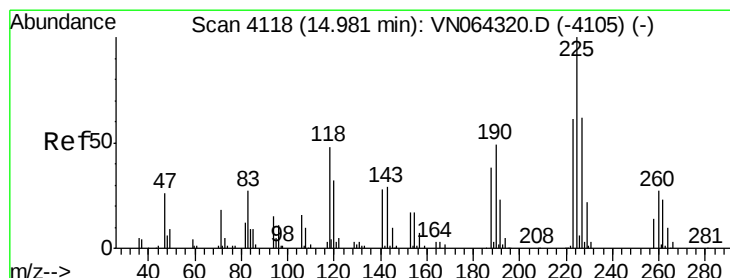
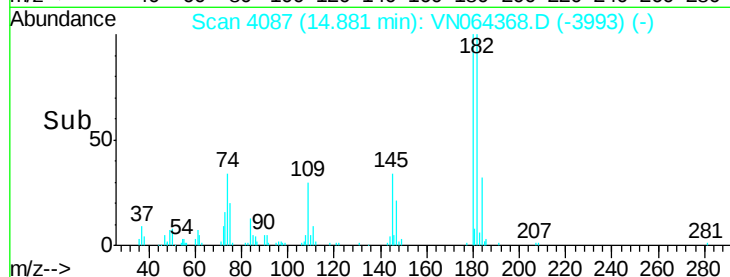
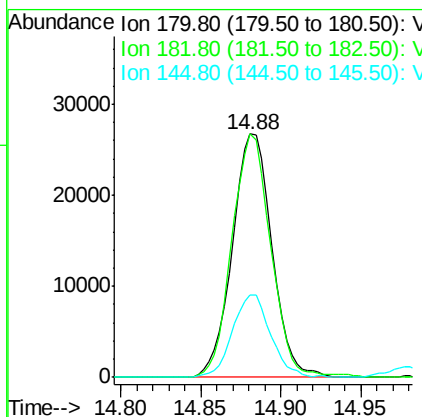
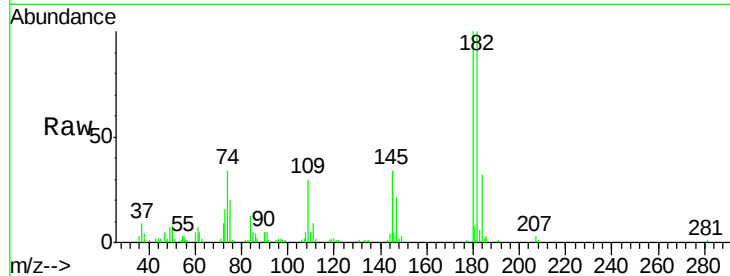
#93
 1,2,4-Trichlorobenzene
 Concen: 16.136 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

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

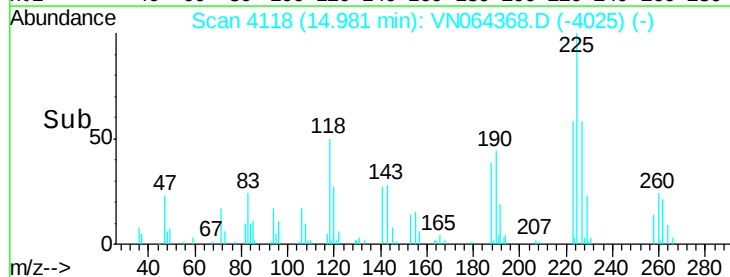
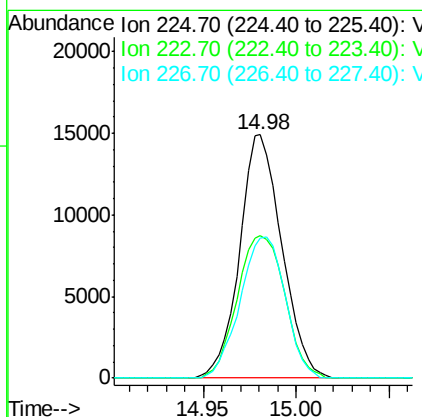
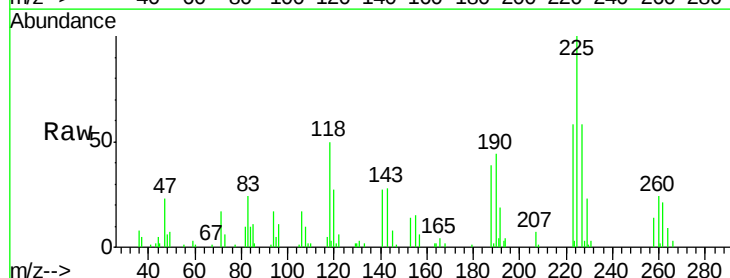
Manual Integrations
 APPROVED

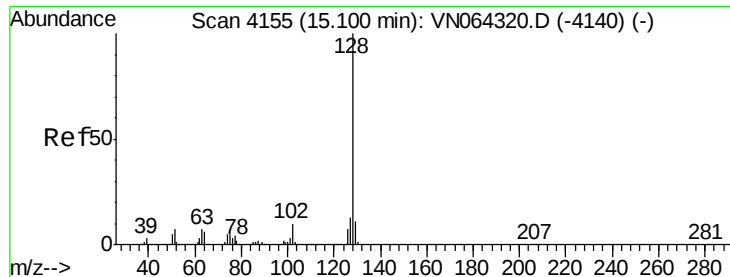
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#94
 Hexachlorobutadiene
 Concen: 14.448 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064368.D
 Acq: 29 Oct 2020 12:59

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





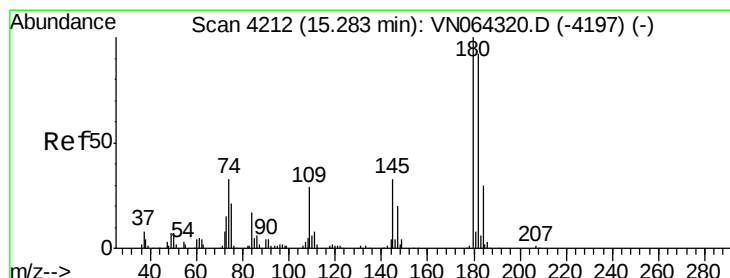
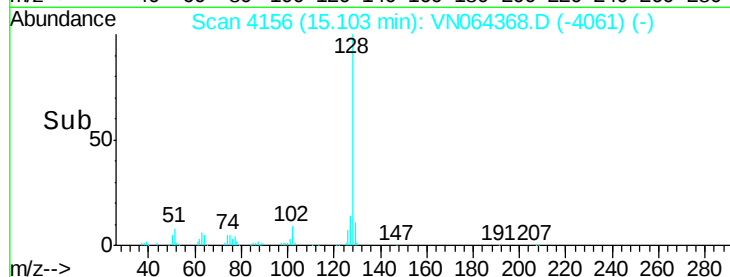
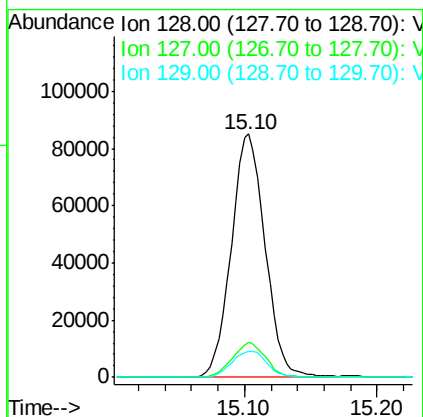
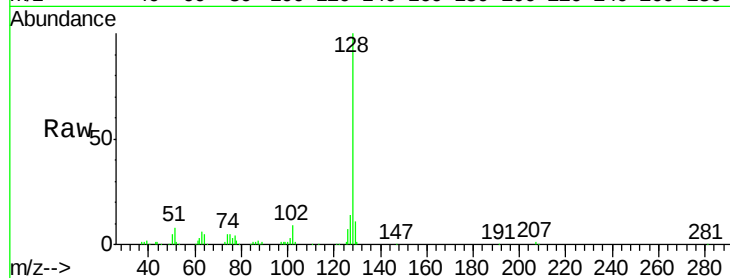
#95
Naphthalene
Concen: 17.644 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064368.D
Acq: 29 Oct 2020 12:59

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

Manual Integrations
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#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

