

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062632.D
 Acq On : 28 Jul 2020 14:10
 Operator : JC/MD
 Sample : VN0728WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:06:24 PM

Quant Time: Jul 29 04:46:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	180169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	272247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	150312	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	7.55	113	102035	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	10.06	98	364817	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.37	95	135032	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	41687	19.398	ug/l	100
3) Chloromethane	2.04	50	45652	15.662	ug/l	98
4) Vinyl Chloride	2.16	62	41243	16.322	ug/l	98
5) Bromomethane	2.52	94	24640	22.016	ug/l	95
6) Chloroethane	2.66	64	24211	21.182	ug/l	98
7) Trichlorofluoromethane	2.98	101	68266	23.010	ug/l	96
8) Diethyl Ether	3.37	74	24300	17.515	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35514	18.670	ug/l	96
10) Methyl Iodide	3.91	142	40712	16.741	ug/l	96
11) Tert butyl alcohol	4.74	59	41181	92.492	ug/l	99
12) 1,1-Dichloroethene	3.70	96	34411	17.837	ug/l	94
13) Acrolein	3.57	56	27693	66.064	ug/l	99
14) Allyl chloride	4.28	41	68837	16.496	ug/l	94
15) Acrylonitrile	4.93	53	105077	88.110	ug/l	99
16) Acetone	3.78	43	106356	100.981	ug/l	100
17) Carbon Disulfide	4.01	76	102911	16.236	ug/l	99
18) Methyl Acetate	4.28	43	48925	18.349	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	134419	18.931	ug/l	98
20) Methylene Chloride	4.50	84	42704	16.905	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	38402	17.935	ug/l	100
22) Diisopropyl ether	5.90	45	154602	18.639	ug/l	96
23) Vinyl Acetate	5.84	43	633008	93.137	ug/l	98
24) 1,1-Dichloroethane	5.80	63	85906	19.233	ug/l	99
25) 2-Butanone	6.79	43	148975	92.875	ug/l	96
26) 2,2-Dichloropropane	6.78	77	74815	20.404	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	44363	18.158	ug/l	98
28) Bromochloromethane	7.15	49	43279	19.688	ug/l	94
29) Tetrahydrofuran	7.17	42	102096	94.065	ug/l	96
30) Chloroform	7.33	83	81794	19.260	ug/l	97
31) Cyclohexane	7.62	56	74023	17.949	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	74730	21.076	ug/l	98
36) 1,1-Dichloropropene	7.75	75	63073	20.074	ug/l	99
37) Ethyl Acetate	6.88	43	64160	18.944	ug/l	99
38) Carbon Tetrachloride	7.73	117	66455	22.004	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65489	19.363	ug/l	95
40) Benzene	8.00	78	178263	18.740	ug/l	98
41) Methacrylonitrile	7.14	41	30265m	20.850	ug/l	
42) 1,2-Dichloroethane	8.09	62	70340	20.227	ug/l	99
43) Isopropyl Acetate	8.13	43	99006	18.133	ug/l #	92
44) Trichloroethene	8.80	130	41824	19.497	ug/l	98
45) 1,2-Dichloropropane	9.09	63	45638	17.088	ug/l	99
46) Dibromomethane	9.18	93	30999	20.082	ug/l	98
47) Bromodichloromethane	9.37	83	68308	20.426	ug/l	99
48) Methyl methacrylate	9.17	41	49618	19.117	ug/l	96
49) 1,4-Dioxane	9.17	88	16244	407.495	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	283592	86.809	ug/l	98
52) Toluene	10.12	92	99952	18.096	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	74603	20.039	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	75407	18.877	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	43147	20.139	ug/l	95
56) Ethyl methacrylate	10.40	69	67591	18.717	ug/l	99
57) 1,3-Dichloropropane	10.68	76	75117	19.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79260	80.488	ug/l	99
59) 2-Hexanone	10.72	43	232425	93.865	ug/l	99
60) Dibromochloromethane	10.87	129	48909	20.463	ug/l	97
61) 1,2-Dibromoethane	10.98	107	42939	19.247	ug/l	98
64) Tetrachloroethene	10.60	164	35848	20.266	ug/l	97
65) Chlorobenzene	11.41	112	112471	19.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40540	18.881	ug/l	99
67) Ethyl Benzene	11.48	91	191316	18.282	ug/l	99
68) m/p-Xylenes	11.60	106	140230	37.282	ug/l	99
69) o-Xylene	11.92	106	66863	18.720	ug/l	97
70) Styrene	11.94	104	113856	18.870	ug/l	98
71) Bromoform	12.10	173	31769	19.706	ug/l #	99
73) Isopropylbenzene	12.22	105	187063	20.458	ug/l	99
74) N-amyl acetate	12.05	43	80037	19.601	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	58014	18.258	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	59326m	20.156	ug/l	
77) Bromobenzene	12.50	156	43916	19.986	ug/l	95
78) n-propylbenzene	12.56	91	212829	19.871	ug/l	100
79) 2-Chlorotoluene	12.65	91	131898	19.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	160242	21.127	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	20661	19.540	ug/l	91
82) 4-Chlorotoluene	12.75	91	134510	19.578	ug/l	100
83) tert-Butylbenzene	12.97	119	136895	21.736	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	155175	20.855	ug/l	96
85) sec-Butylbenzene	13.15	105	177028	20.996	ug/l	100
86) p-Isopropyltoluene	13.26	119	154702	21.333	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	75739	19.641	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	75926	20.002	ug/l	99
89) n-Butylbenzene	13.59	91	122273	19.623	ug/l	99
90) Hexachloroethane	13.85	117	30164	19.539	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	72283	19.604	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12516	21.696	ug/l	98

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

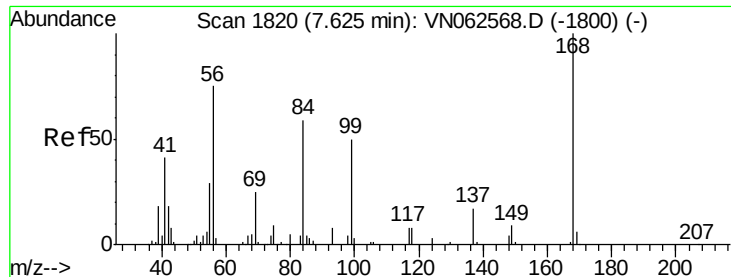
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33220	19.176	ug/l	98
94) Hexachlorobutadiene	14.98	225	25336	25.184	ug/l	98
95) Naphthalene	15.10	128	89327	19.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33567	19.318	ug/l	100

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



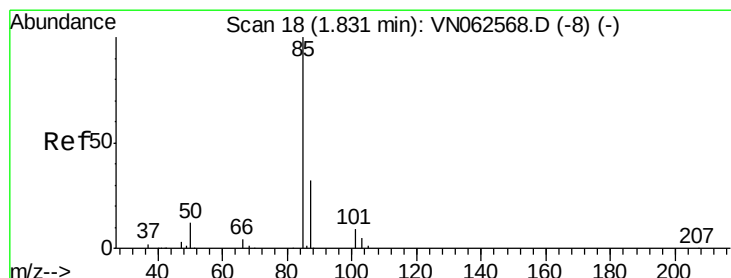
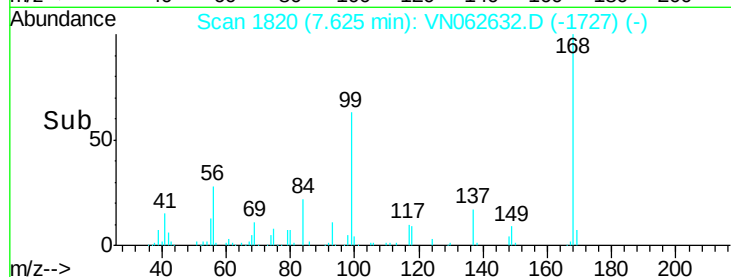
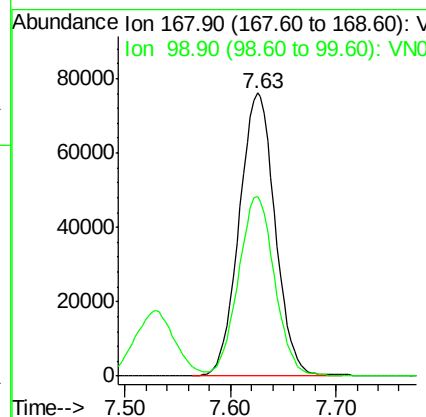
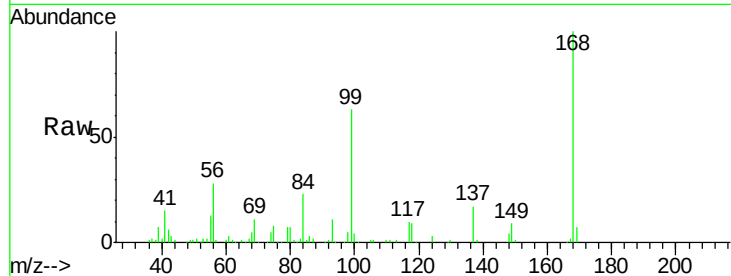
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion:168 Resp: 180169
Ion Ratio Lower Upper
168 100
99 63.0 48.4 72.6

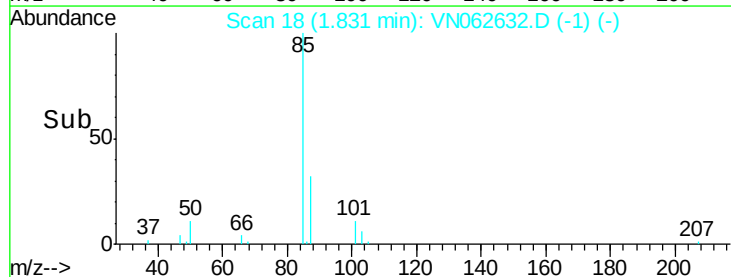
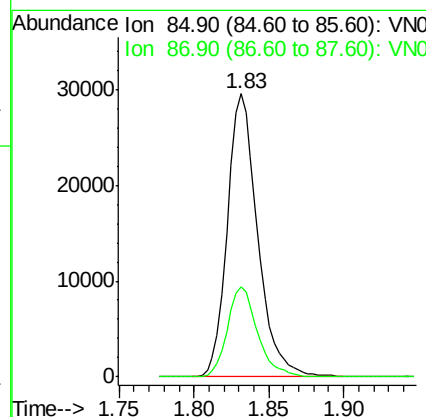
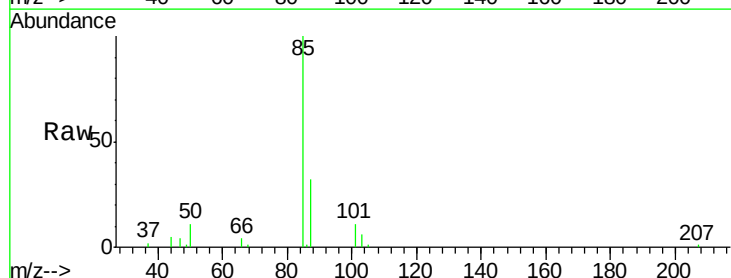
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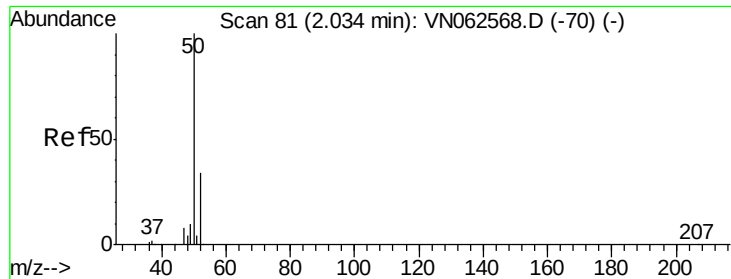
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#2
Dichlorodifluoromethane
Concen: 19.398 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 85 Resp: 41687
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0





#3

Chloromethane

Concen: 15.662 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

VN0728WBSD01

Tgt Ion: 50 Resp: 45652

Ion Ratio Lower Upper

50 100

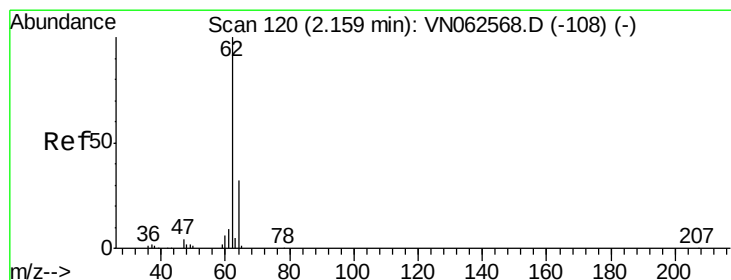
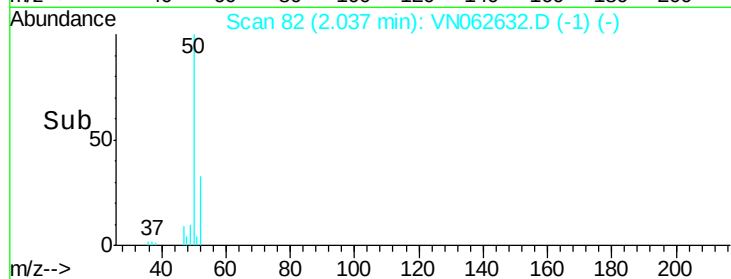
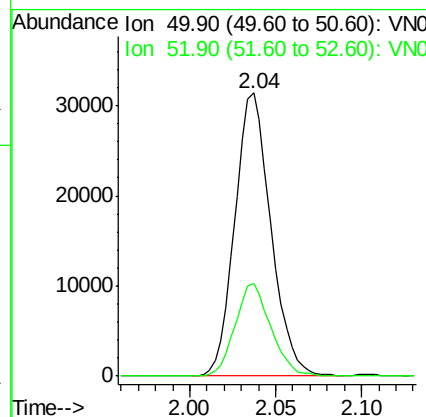
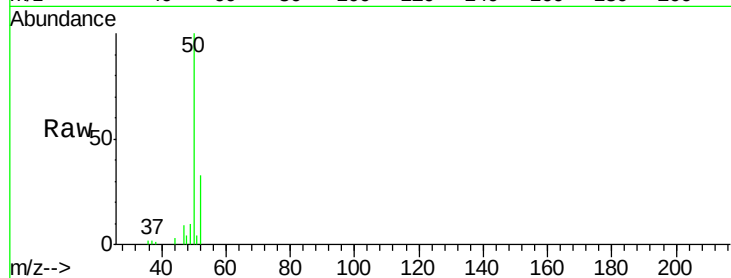
52 32.8 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.322 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062632.D

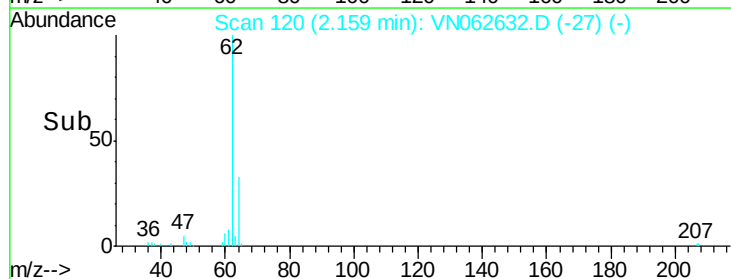
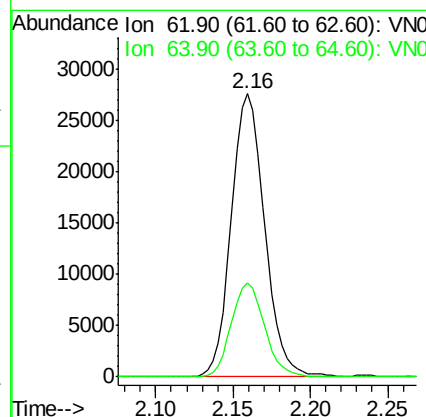
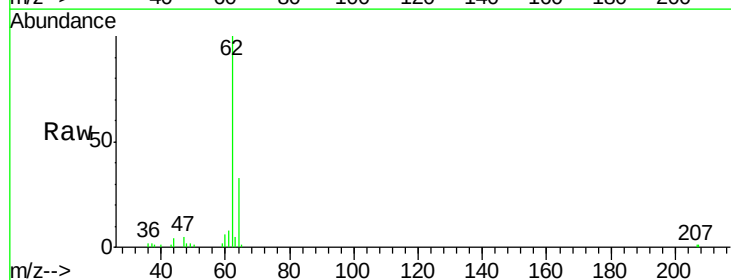
Acq: 28 Jul 2020 14:10

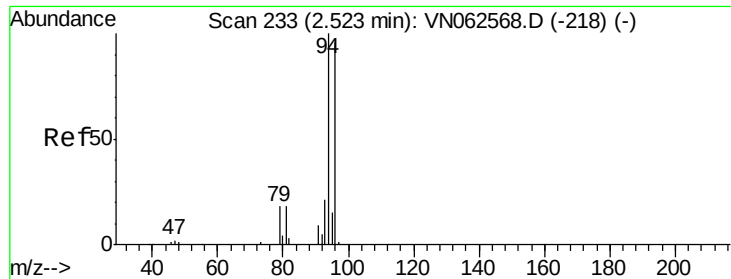
Tgt Ion: 62 Resp: 41243

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8





#5

Bromomethane

Concen: 22.016 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 94 Resp: 24640

Ion Ratio Lower Upper

94 100

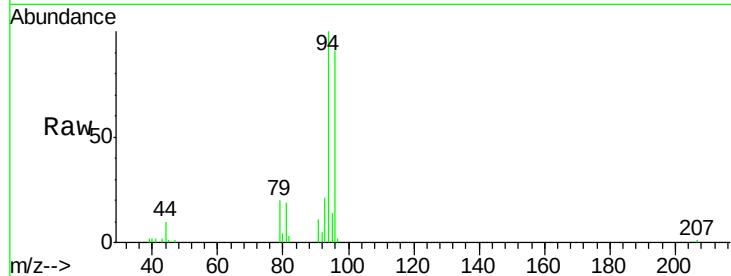
96 90.7 76.6 114.8

Manual Integrations

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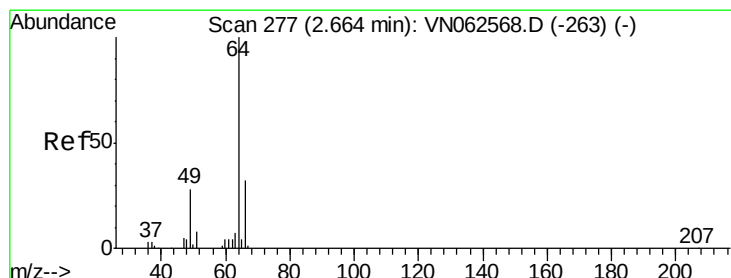
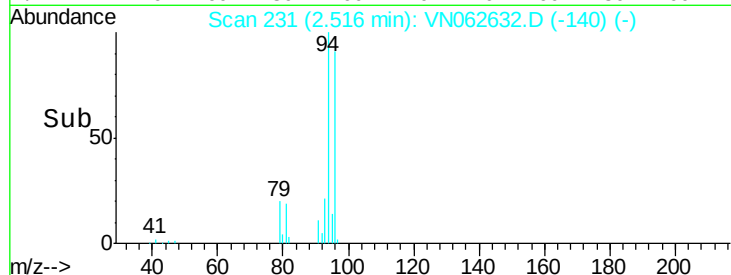
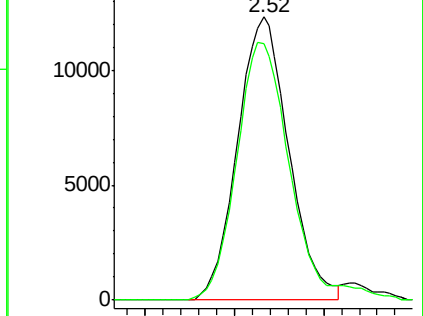
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.182 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062632.D

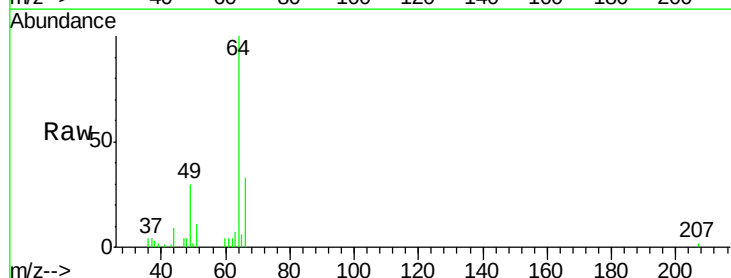
Acq: 28 Jul 2020 14:10

Tgt Ion: 64 Resp: 24211

Ion Ratio Lower Upper

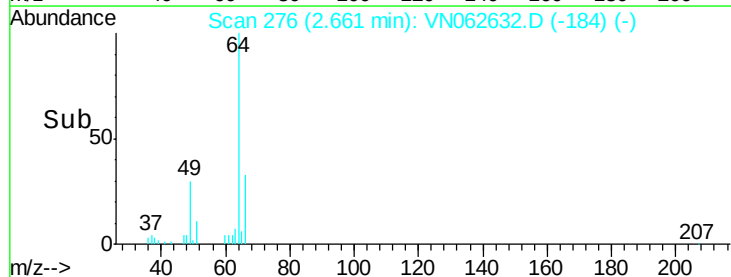
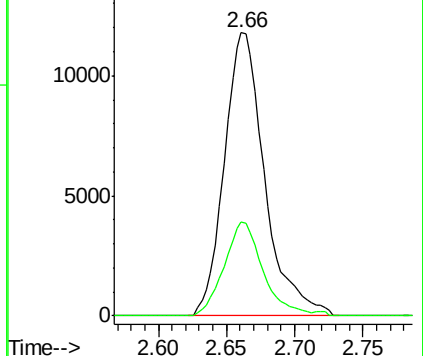
64 100

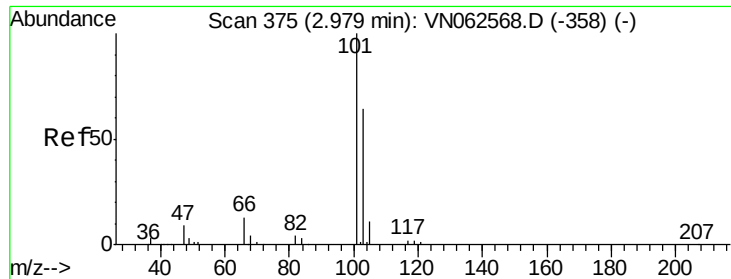
66 33.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

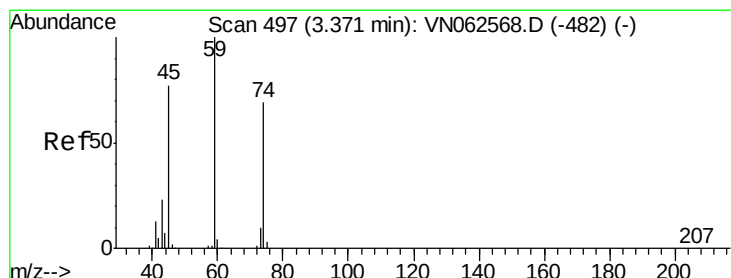
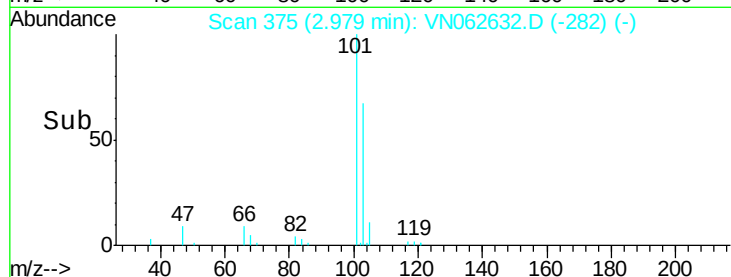
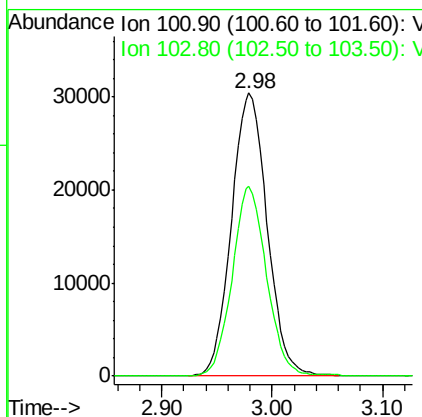
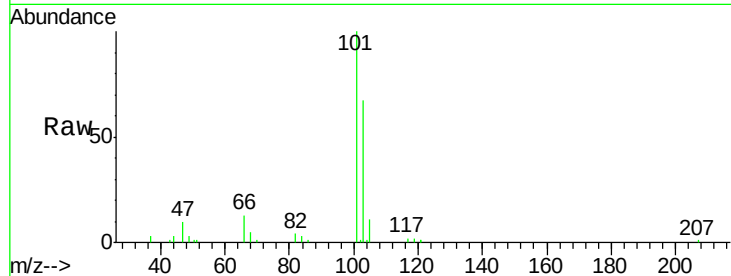
Trichlorofluoromethane
Concen: 23.010 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

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ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.2	51.5	77.3

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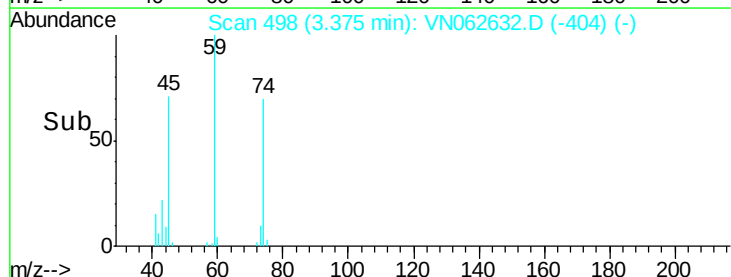
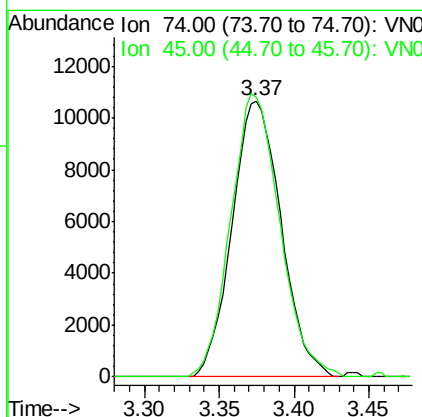
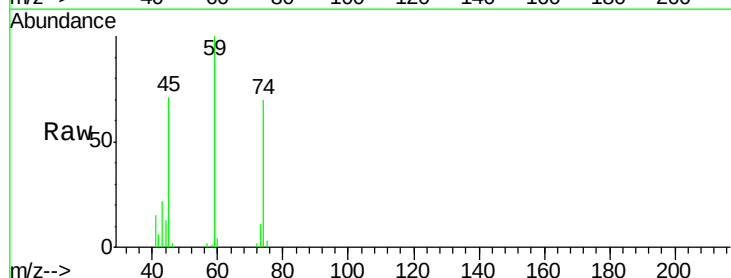
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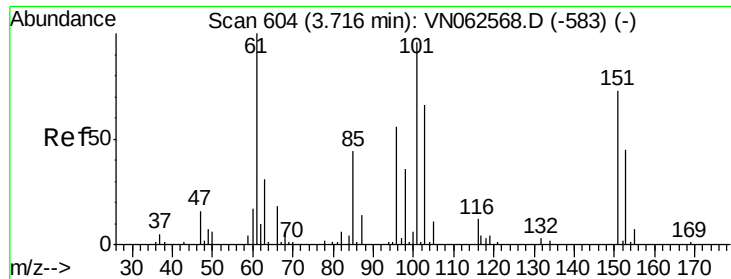


#8

Diethyl Ether
Concen: 17.515 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.670 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

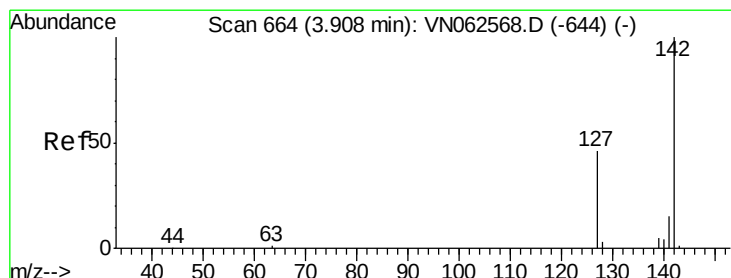
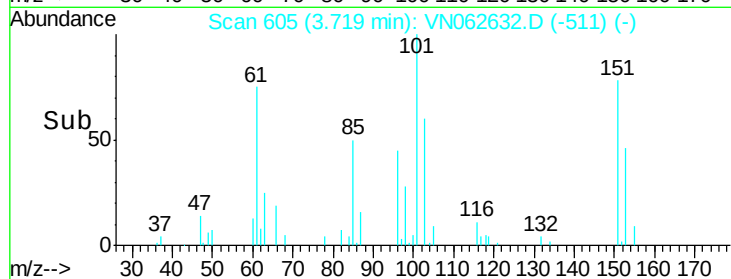
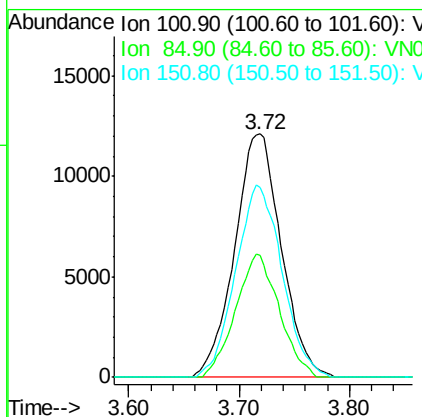
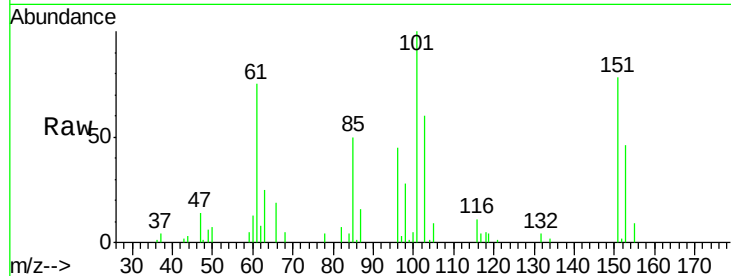
ClientSampleId :

VN0728WBSD01

Tgt Ion:	101	Resp:	35514
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.0	54.0
151	78.6	60.0	90.0

Manual Integrations
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#10

Methyl Iodide

Concen: 16.741 ug/l

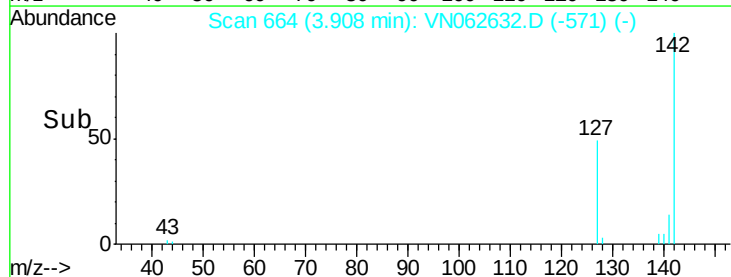
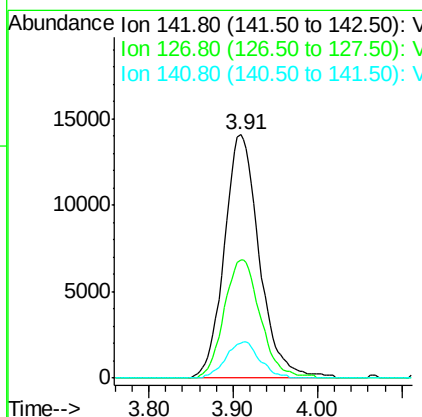
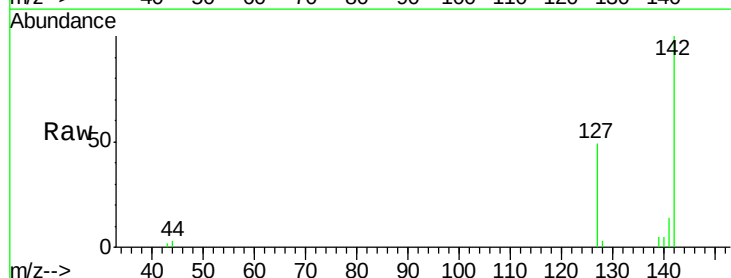
RT: 3.91 min Scan# 664

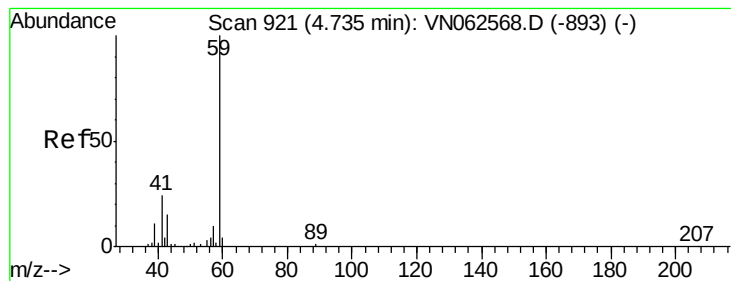
Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion:	142	Resp:	40712
Ion Ratio	Lower	Upper	
142	100		
127	49.7	37.4	56.0
141	14.5	11.9	17.9





#11

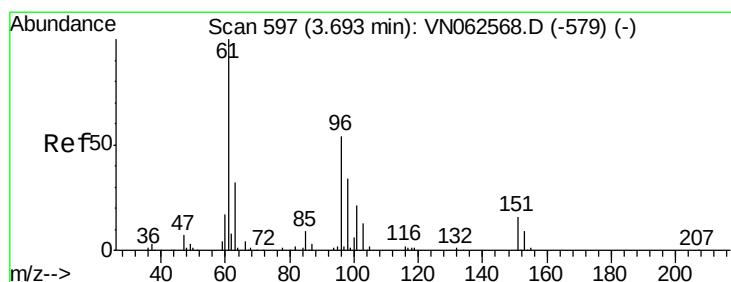
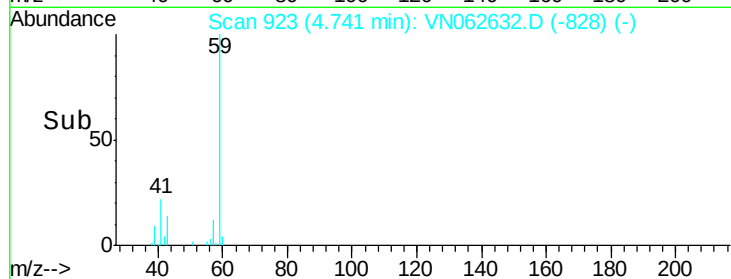
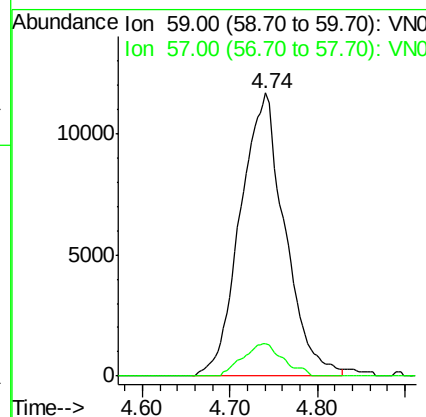
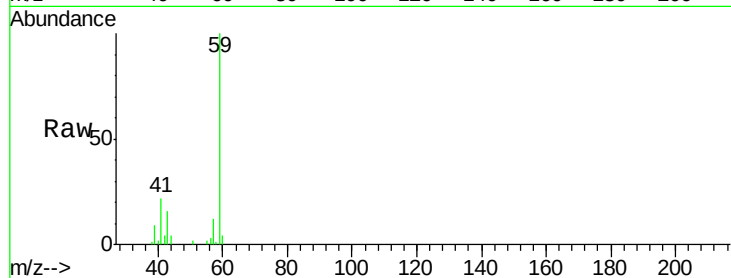
Tert butyl alcohol
 Concen: 92.492 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampled :
 VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

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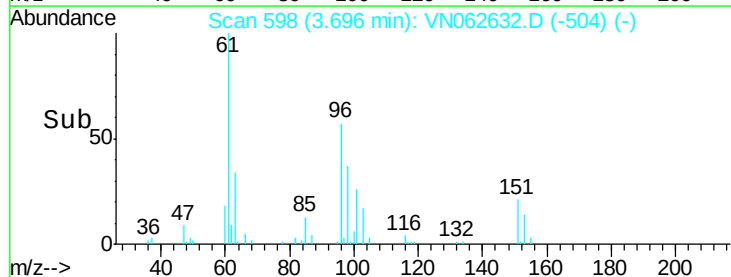
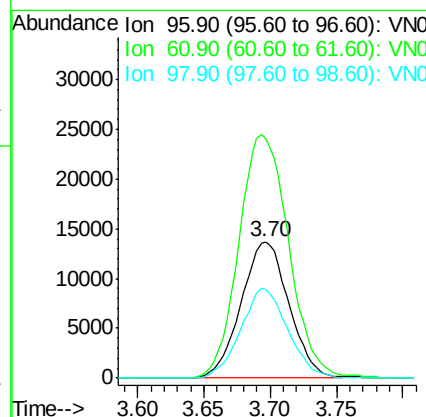
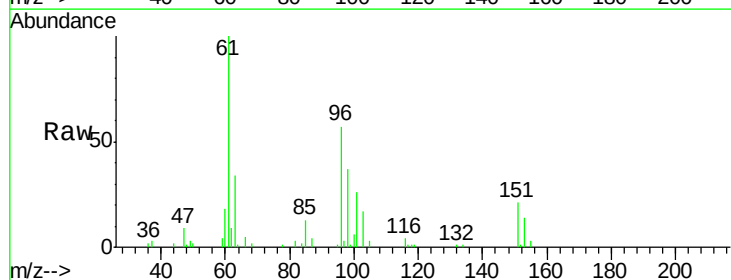
MMDadoda
 7/29/2020 7:06:24 PM

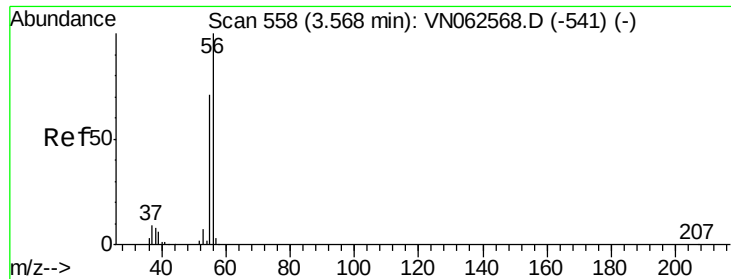


#12

1,1-Dichloroethene
 Concen: 17.837 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.8	148.6	222.8
98	65.1	50.6	75.8





#13

Acrolein

Concen: 66.064 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 56 Resp: 27693

Ion Ratio Lower Upper

56 100

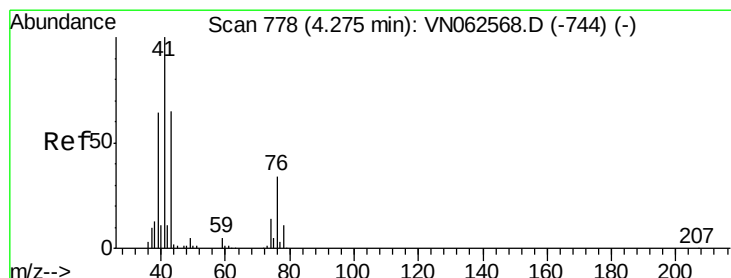
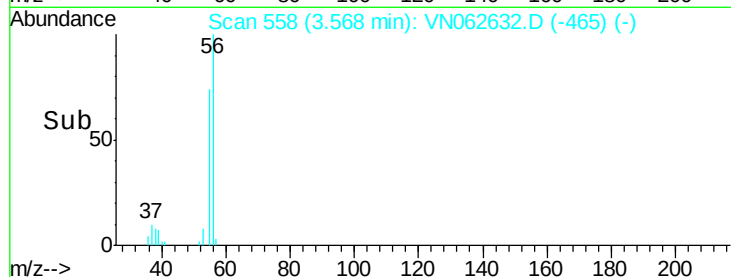
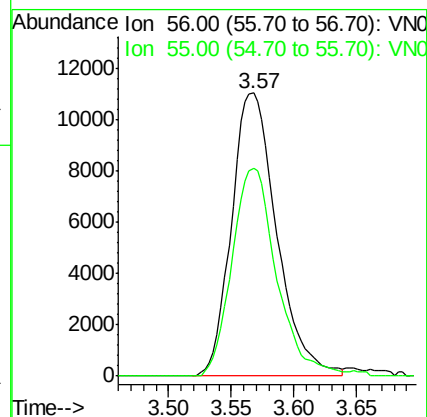
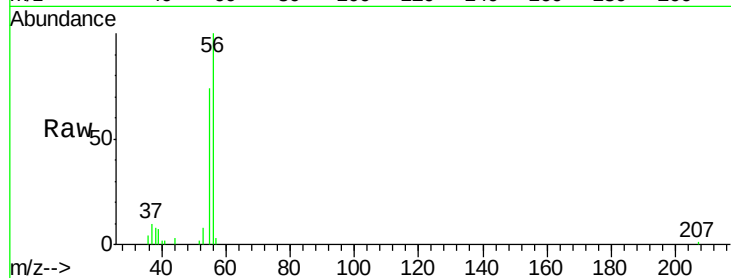
55 72.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 16.496 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

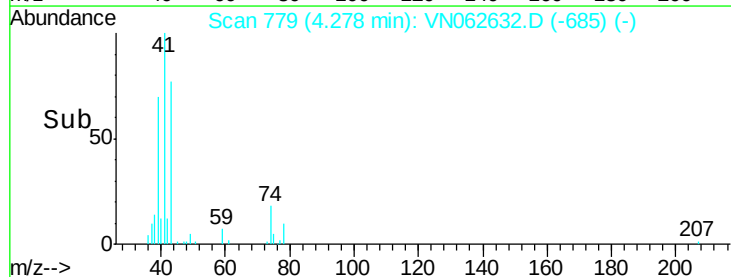
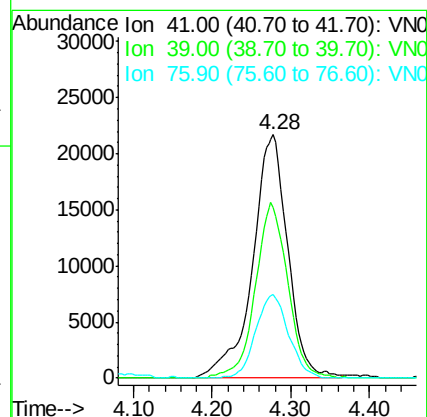
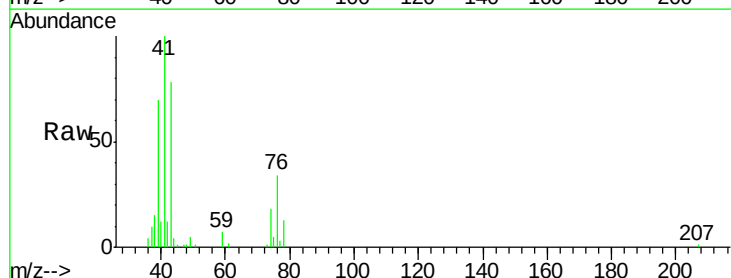
Tgt Ion: 41 Resp: 68837

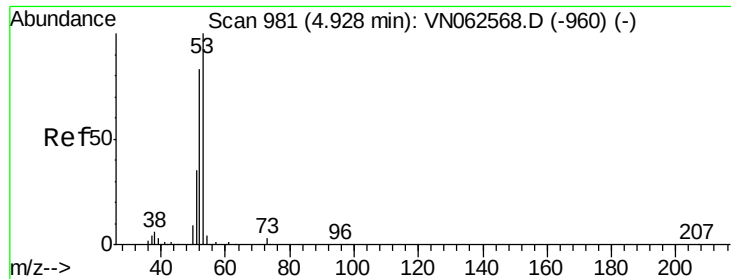
Ion Ratio Lower Upper

41 100

39 66.3 49.0 73.4

76 31.9 24.0 36.0





#15

Acrylonitrile

Concen: 88.110 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

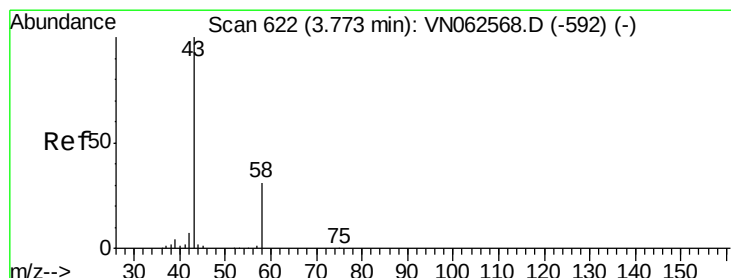
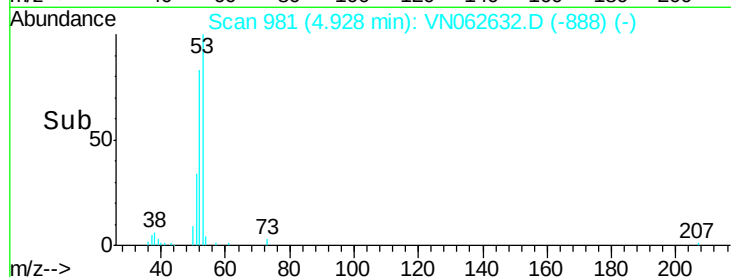
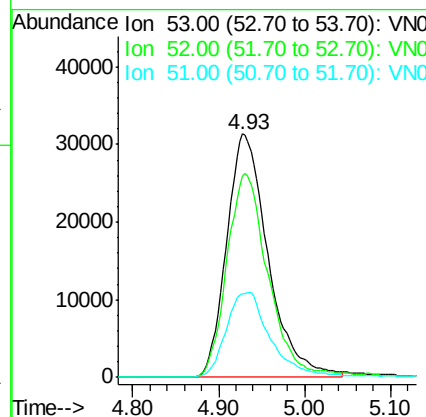
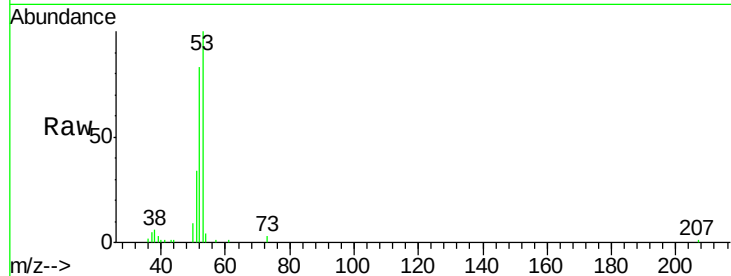
ClientSampleId :

VN0728WBSD01

Tgt Ion:	53	Resp:	105077
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.3	99.5
51	37.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 100.981 ug/l

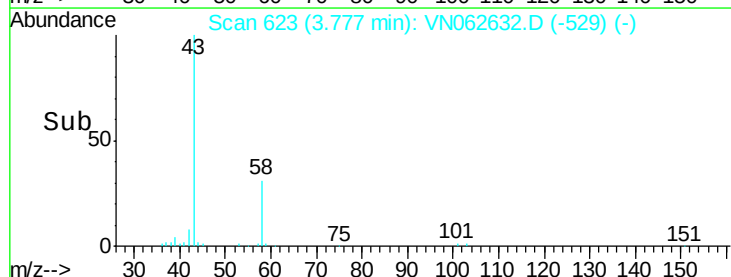
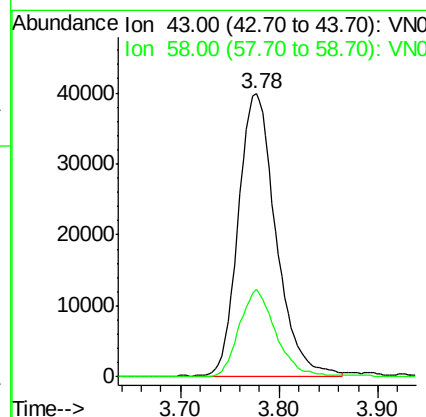
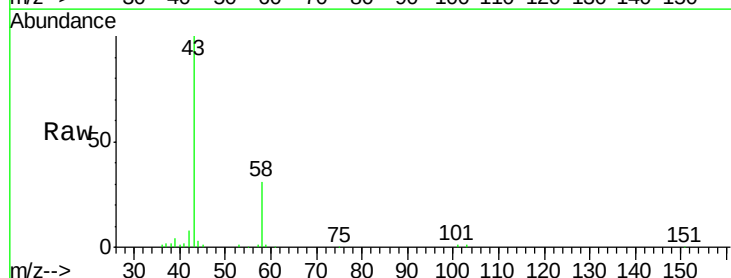
RT: 3.78 min Scan# 623

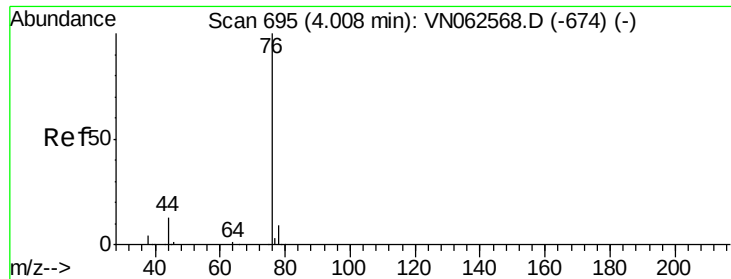
Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion:	43	Resp:	106356
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.6	37.0





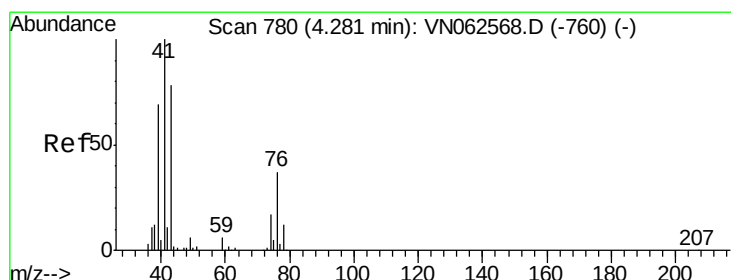
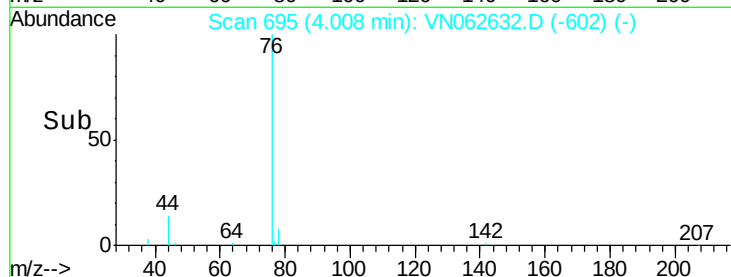
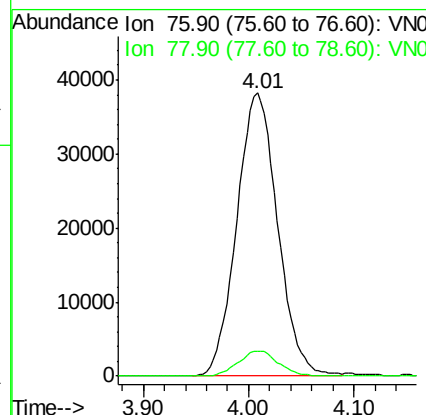
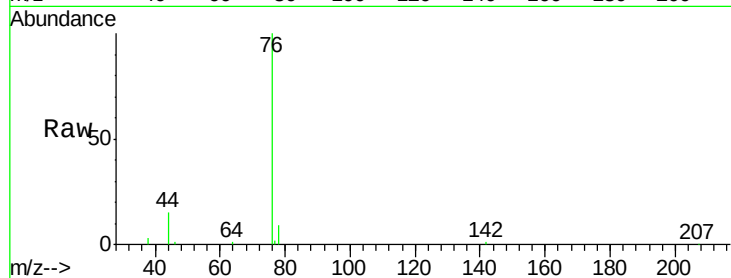
#17
Carbon Disulfide
Concen: 16.236 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion: 76 Resp: 102911
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

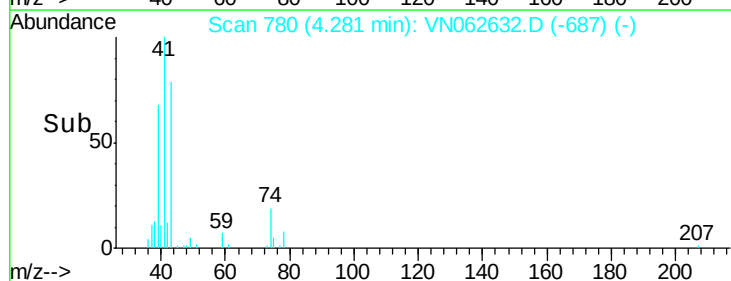
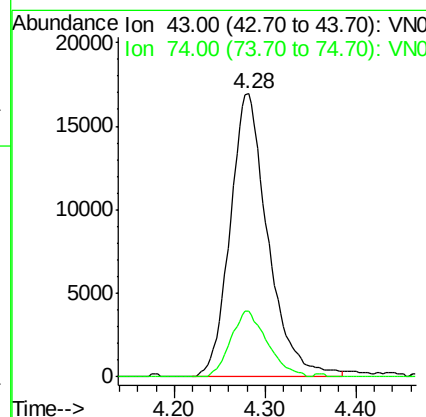
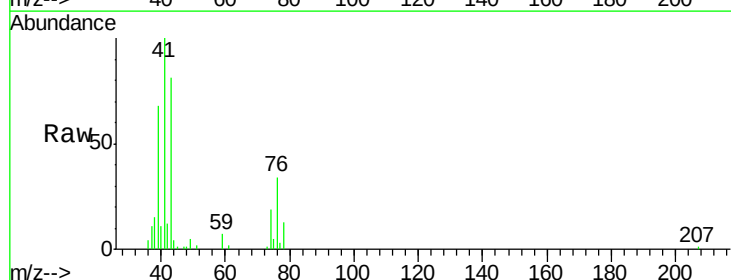
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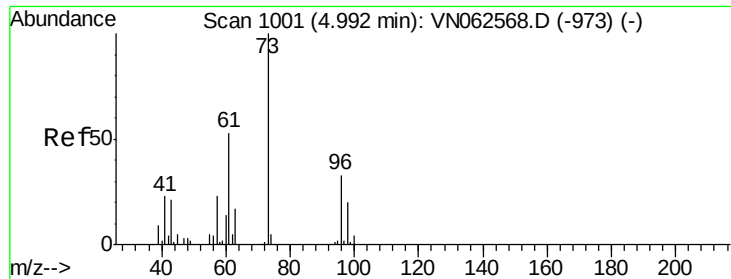
MMDadoda
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#18
Methyl Acetate
Concen: 18.349 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 43 Resp: 48925
Ion Ratio Lower Upper
43 100
74 22.4 16.6 24.8





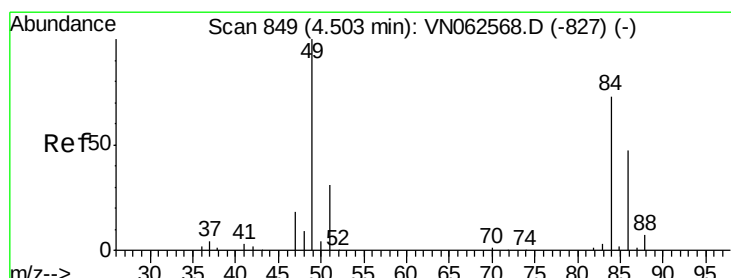
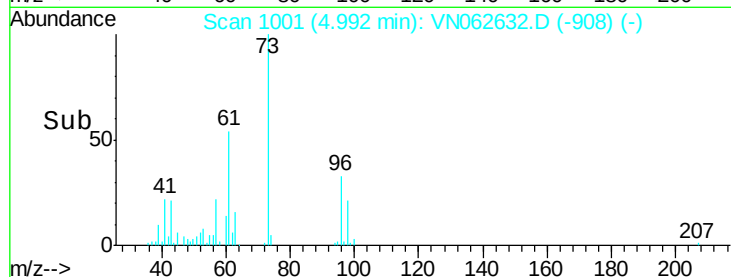
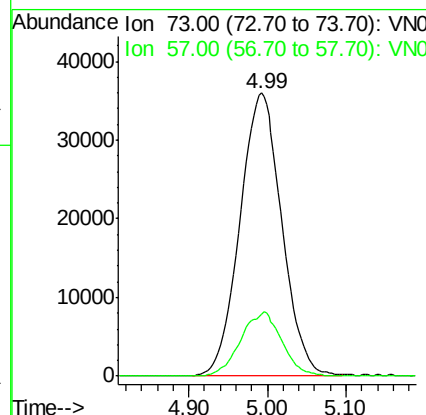
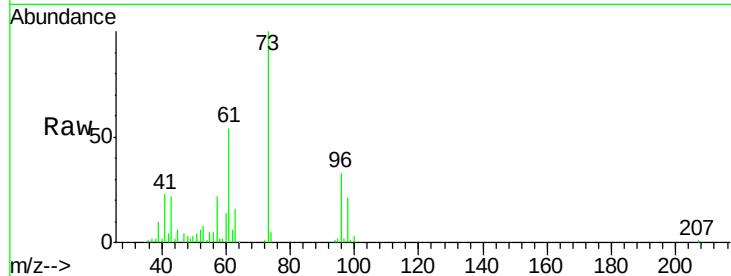
#19
Methyl tert-butyl Ether
Concen: 18.931 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion: 73 Resp: 134419
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8

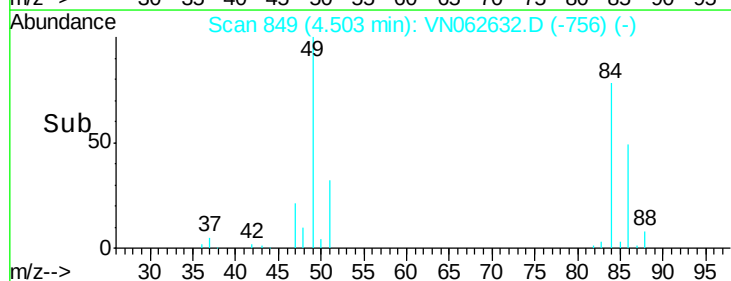
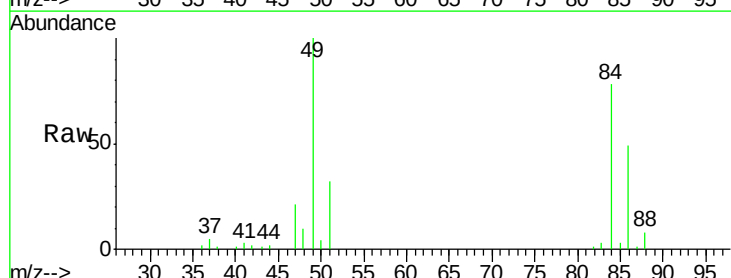
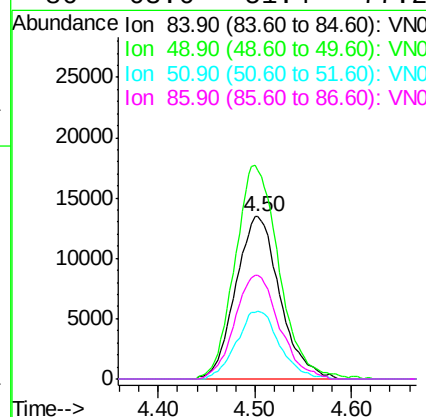
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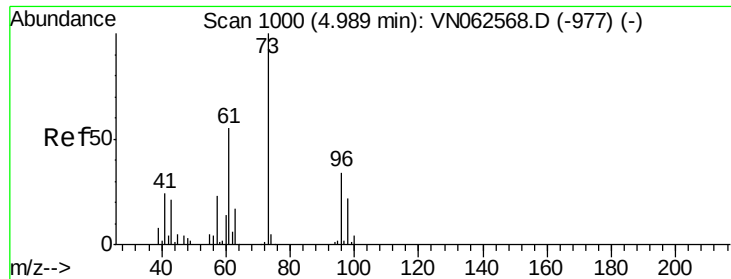
MMDadoda
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#20
Methylene Chloride
Concen: 16.905 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 84 Resp: 42704
Ion Ratio Lower Upper
84 100
49 128.7 109.4 164.0
51 41.5 33.6 50.4
86 63.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.935 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

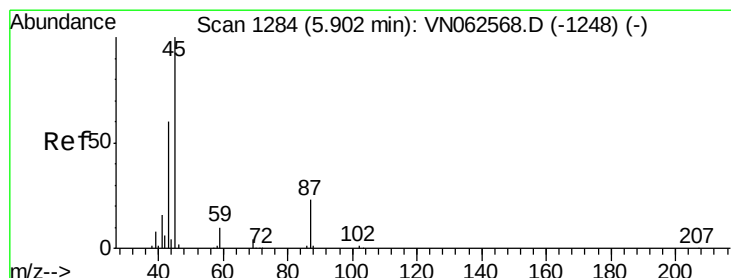
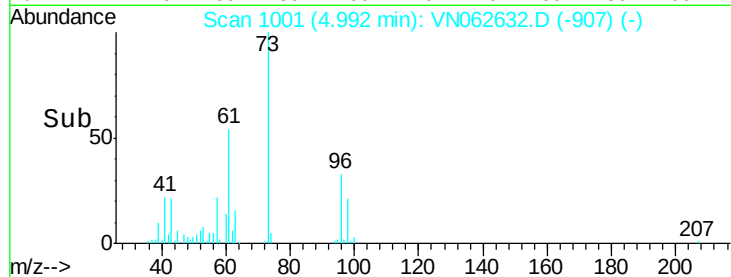
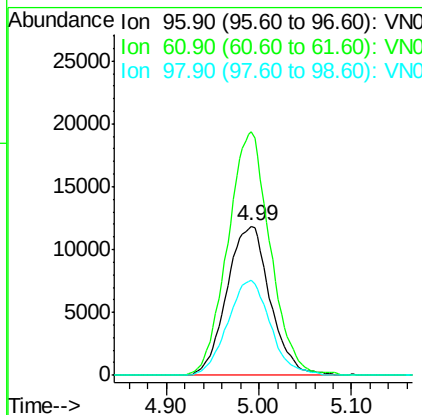
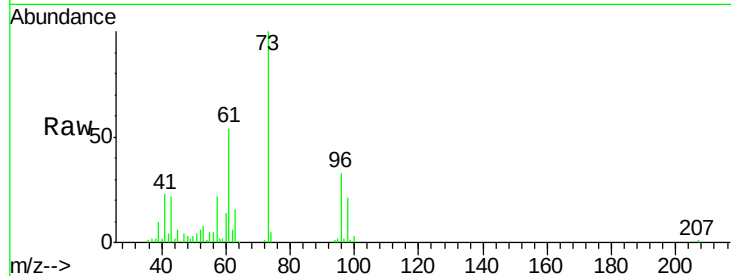
ClientSampleId :

VN0728WBSD01

Tgt Ion:	96	Resp:	38402
Ion	Ratio	Lower	Upper
96	100		
61	161.5	128.6	192.8
98	63.2	50.6	76.0

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#22

Diisopropyl ether

Concen: 18.639 ug/l

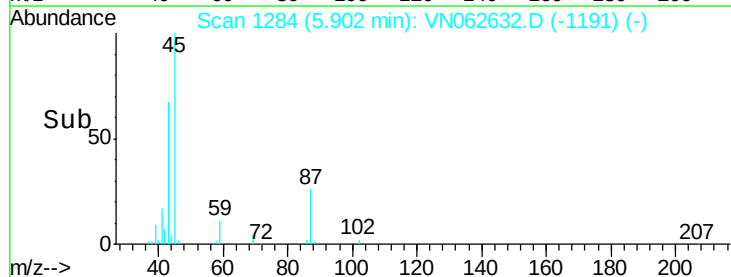
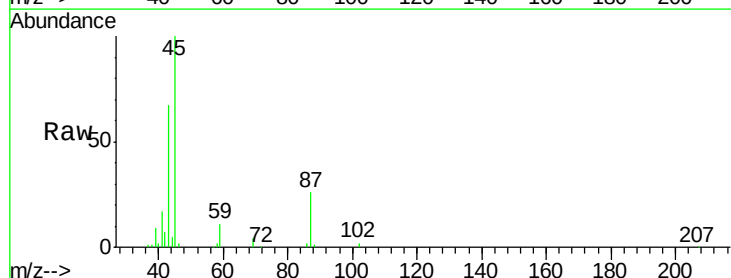
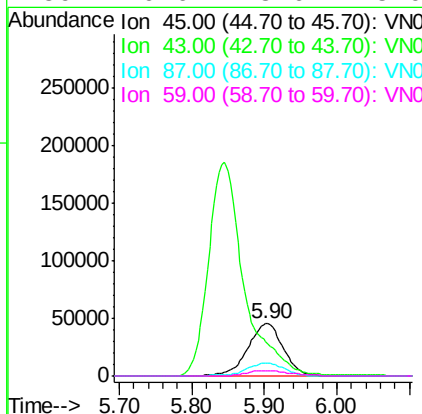
RT: 5.90 min Scan# 1284

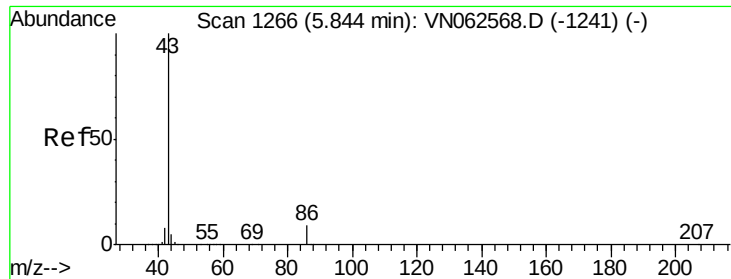
Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion:	45	Resp:	154602
Ion	Ratio	Lower	Upper
45	100		
43	65.0	48.7	73.1
87	25.6	19.0	28.6
59	10.6	8.6	13.0





#23

Vinyl Acetate

Concen: 93.137 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 43 Resp: 633008

Ion Ratio Lower Upper

43 100

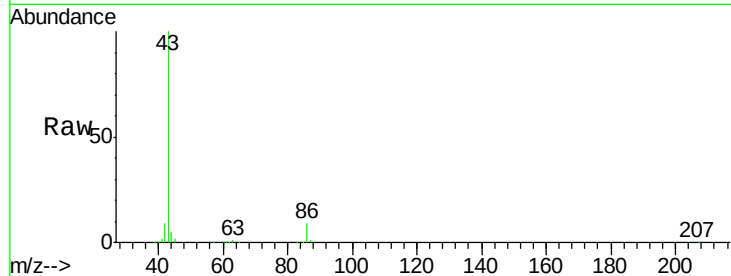
86 9.5 6.9 10.3

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

200000

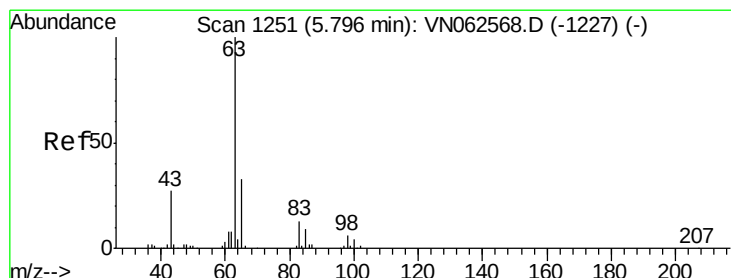
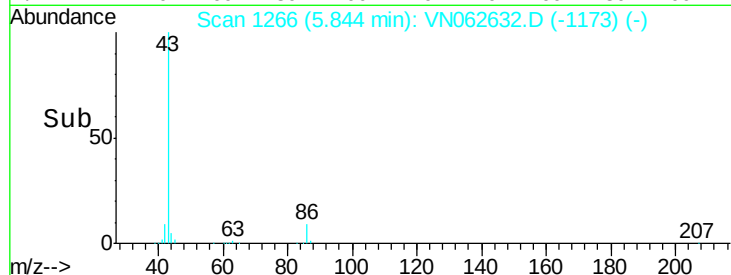
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.233 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

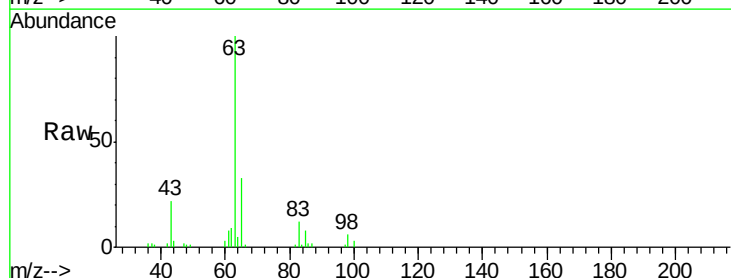
Tgt Ion: 63 Resp: 85906

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.3 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

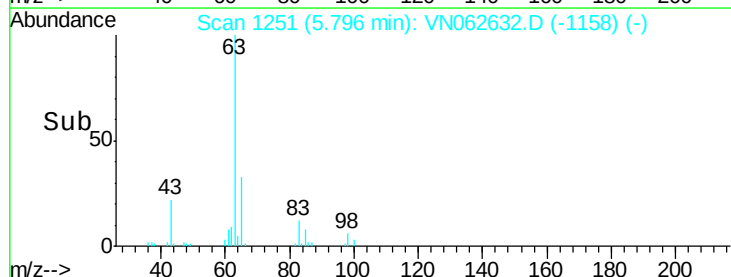
30000

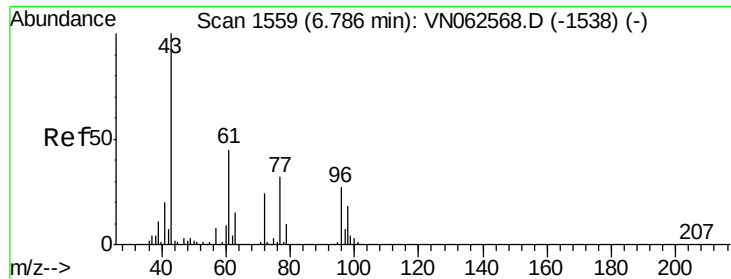
20000

10000

0

Time-->





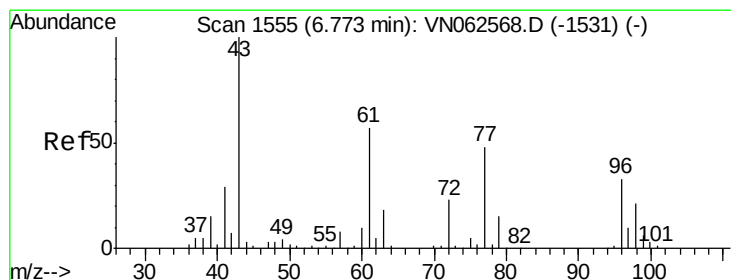
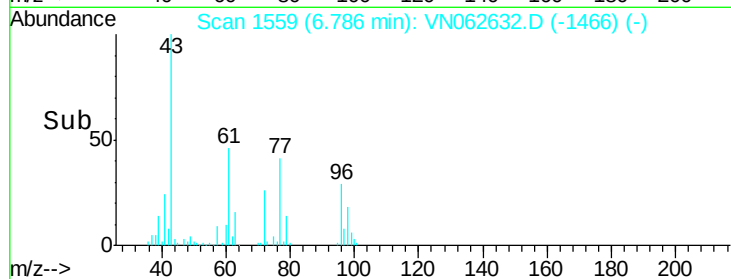
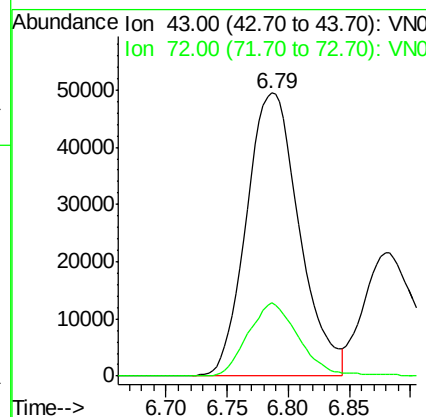
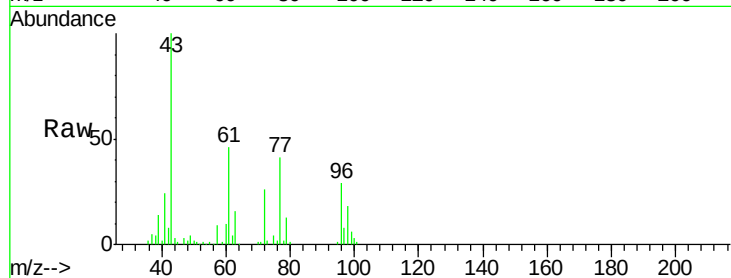
#25
2-Butanone
Concen: 92.875 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion: 43 Resp: 148975
Ion Ratio Lower Upper
43 100
72 25.9 19.0 28.6

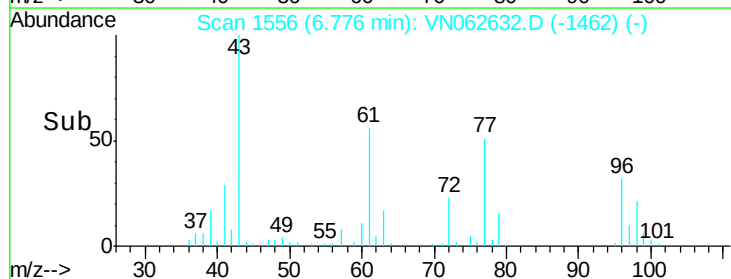
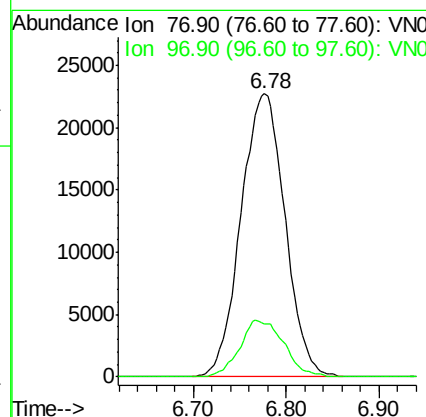
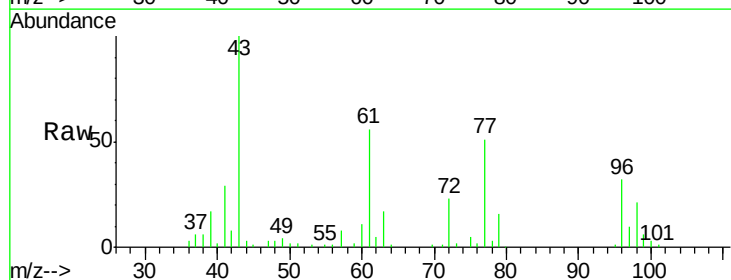
Manual Integrations
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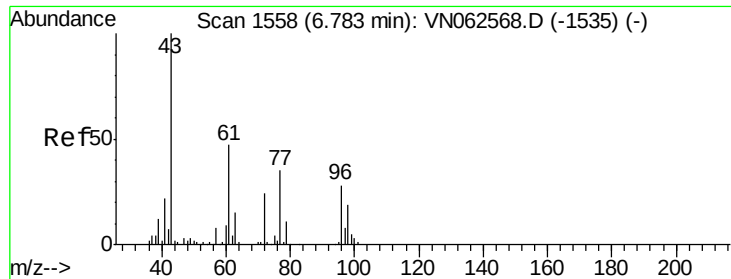
MMDadoda
7/29/2020 7:06:24 PM



#26
2,2-Dichloropropane
Concen: 20.404 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 77 Resp: 74815
Ion Ratio Lower Upper
77 100
97 20.0 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.158 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

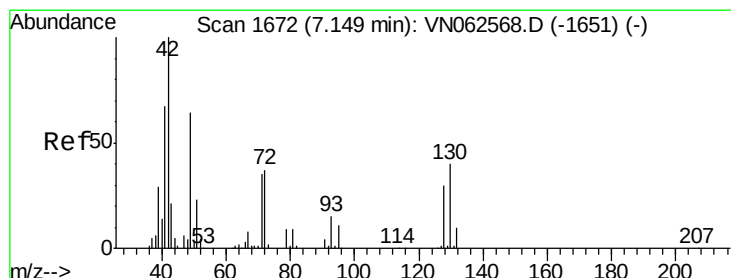
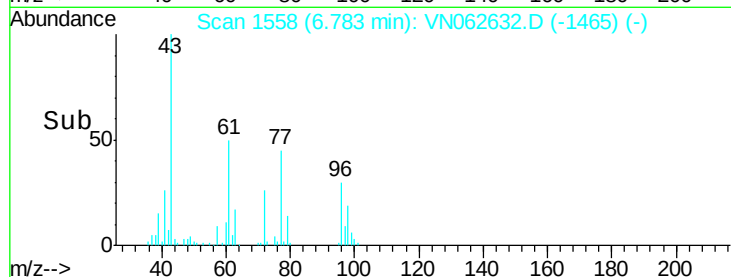
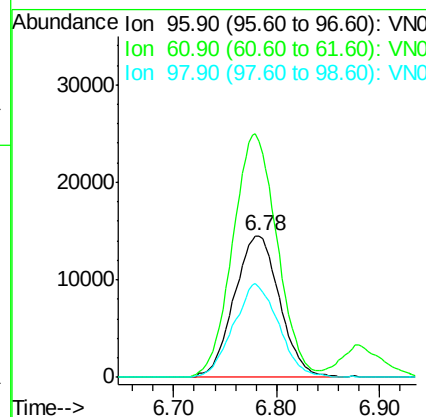
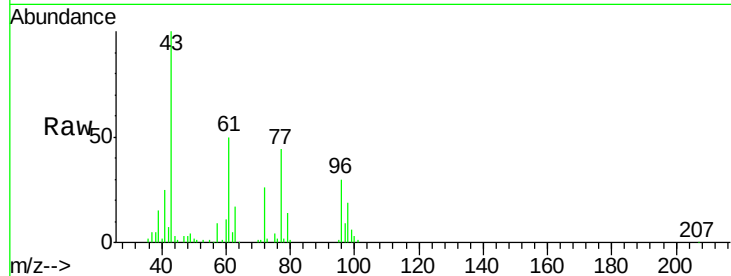
ClientSampleId :

VN0728WBSD01

Tgt Ion:	96	Resp:	44363
Ion	Ratio	Lower	Upper
96	100		
61	168.2	0.0	332.4
98	65.9	0.0	127.4

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#28

Bromochloromethane

Concen: 19.688 ug/l

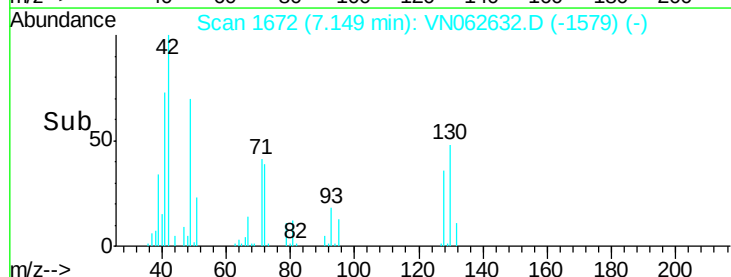
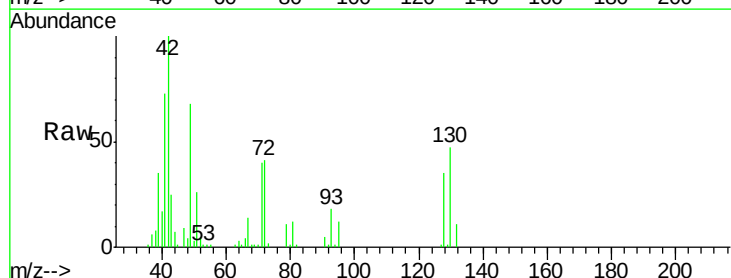
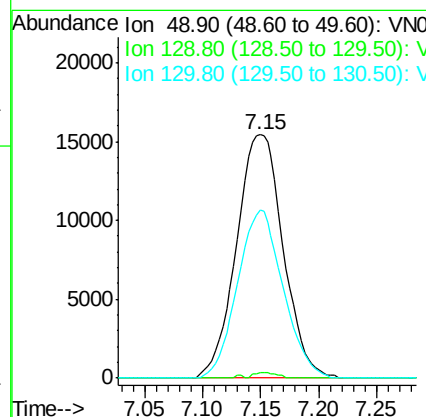
RT: 7.15 min Scan# 1672

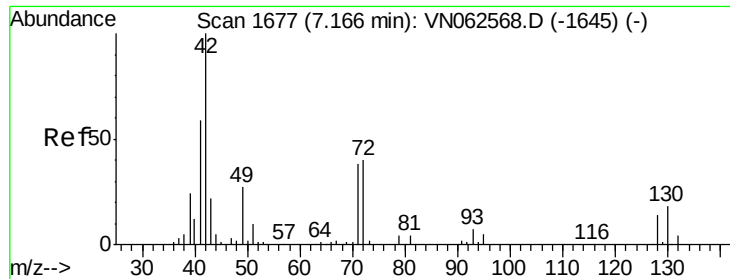
Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion:	49	Resp:	43279
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.4
130	67.3	49.8	74.8





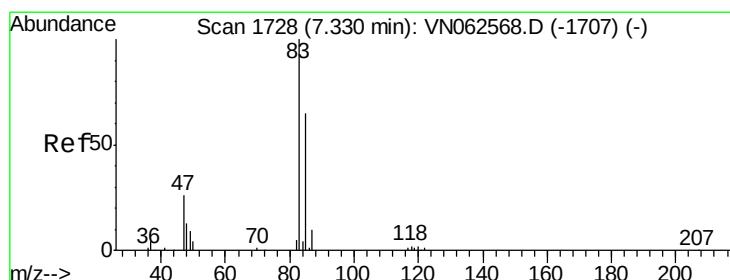
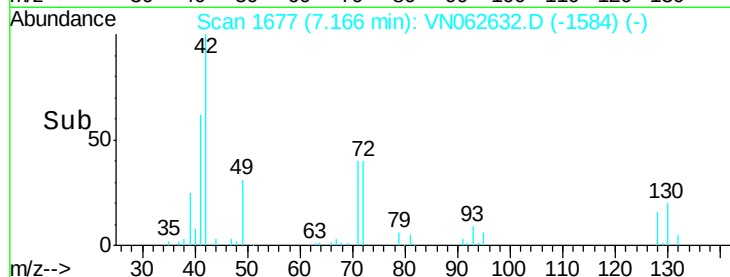
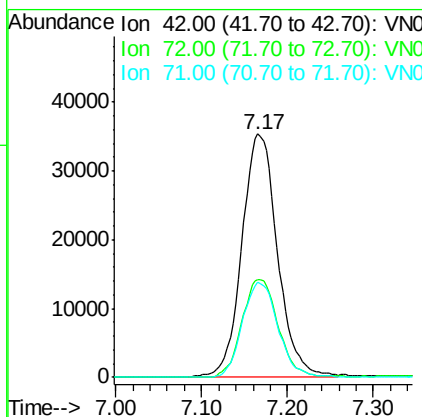
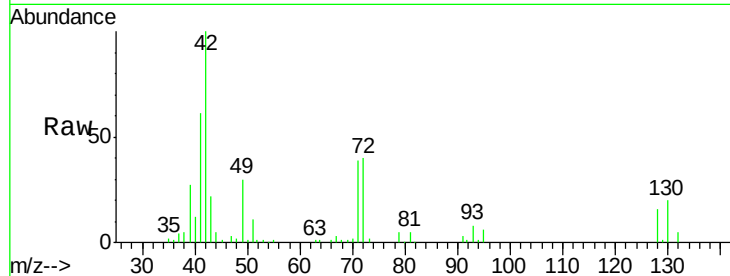
#29
Tetrahydrofuran
Concen: 94.065 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.9	30.7	46.1
71	38.9	29.1	43.7

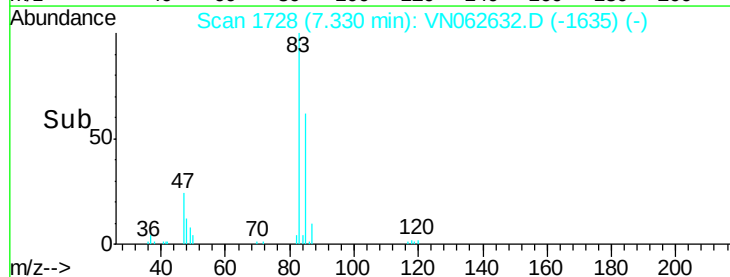
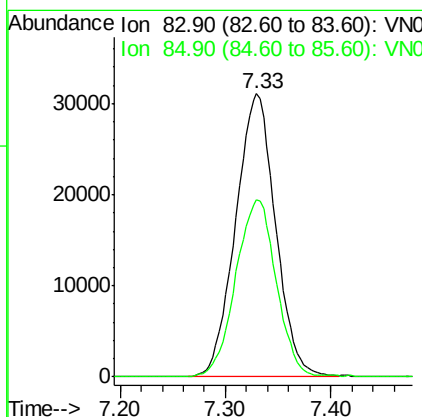
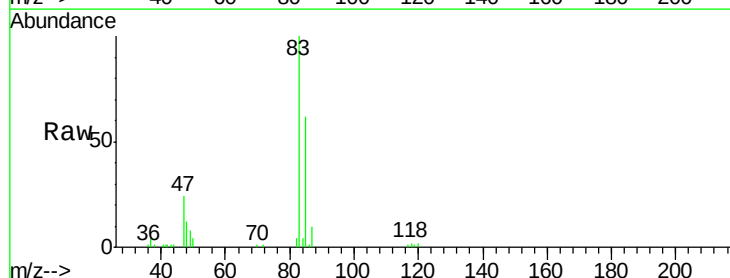
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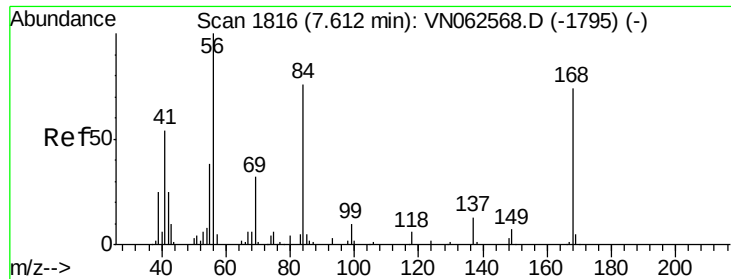
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#30
Chloroform
Concen: 19.260 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.0	78.0





#31

Cyclohexane

Concen: 17.949 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

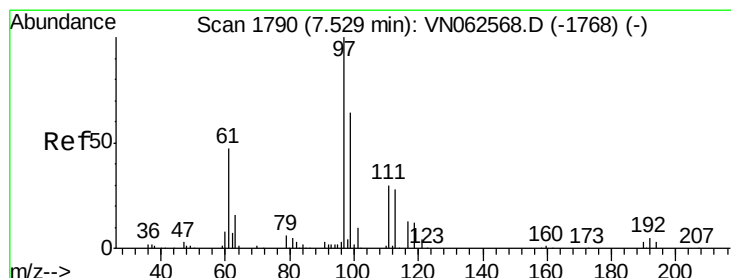
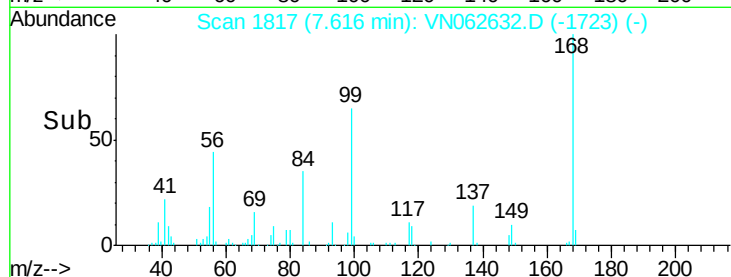
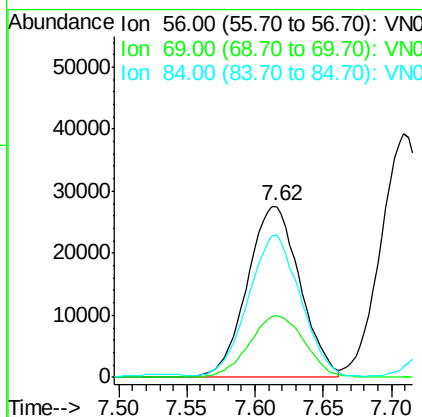
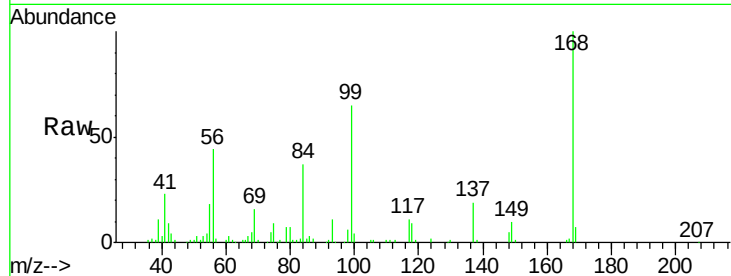
ClientSampleId :

VN0728WBSD01

Tgt Ion:	56	Resp:	74023
Ion	Ratio	Lower	Upper
56	100		
69	36.5	25.3	37.9
84	82.0	61.0	91.4

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#32

1,1,1-Trichloroethane

Concen: 21.076 ug/l

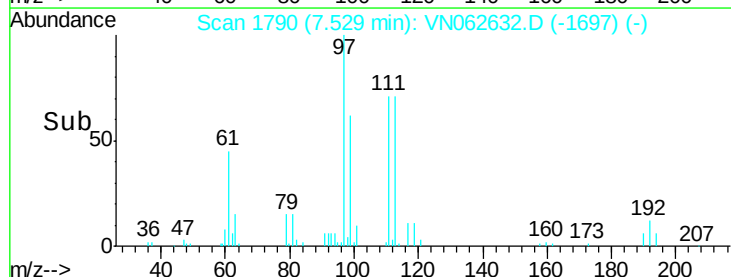
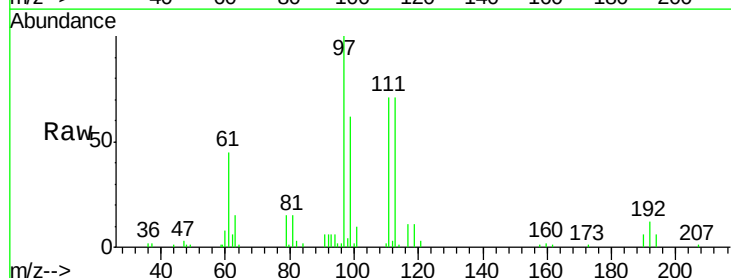
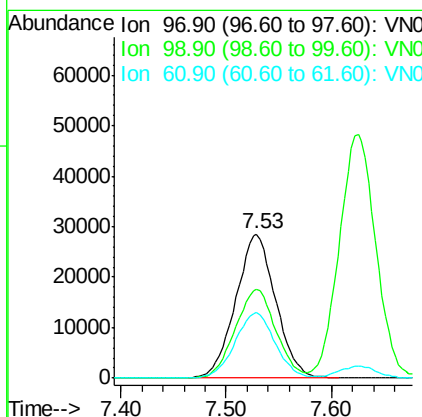
RT: 7.53 min Scan# 1790

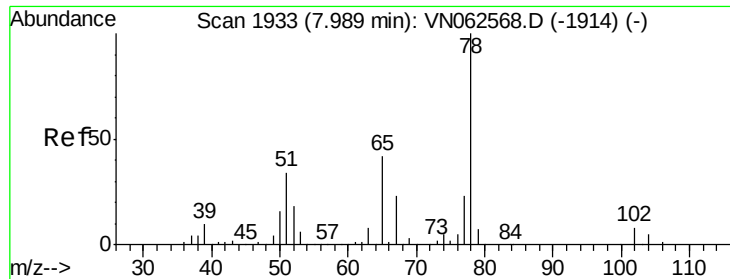
Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion:	97	Resp:	74730
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	45.9	38.4	57.6





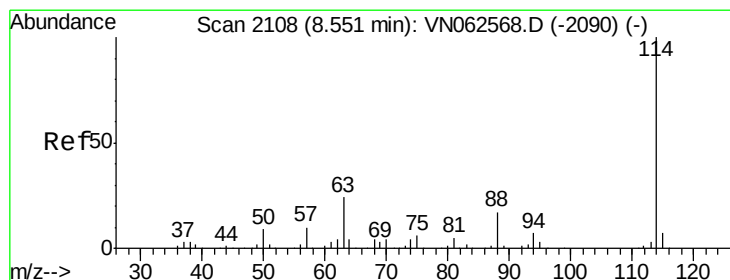
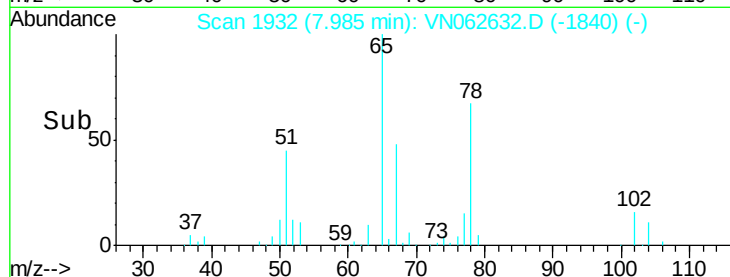
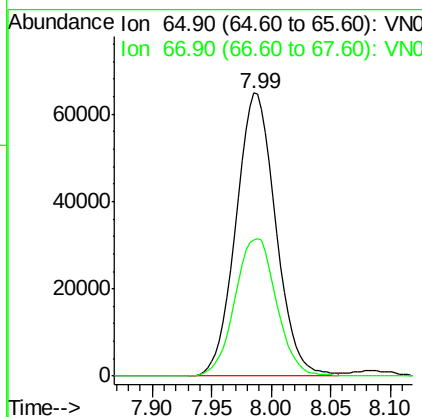
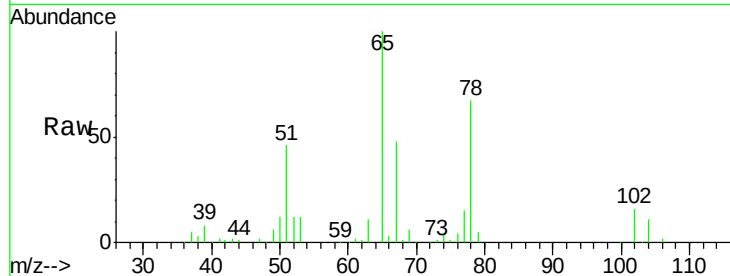
#33
 1,2-Dichloroethane-d4
 Concen: 53.705 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampled :
 VN0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	150312		
67	50.8	0.0	106.0	

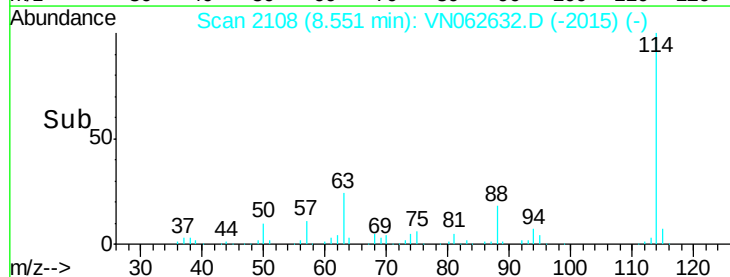
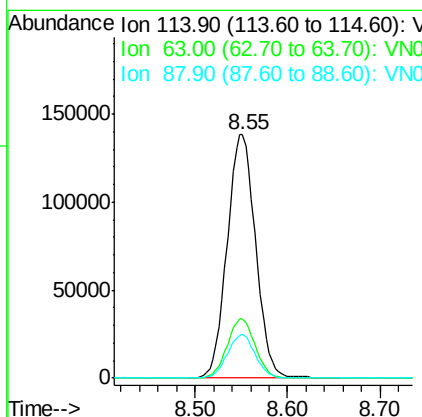
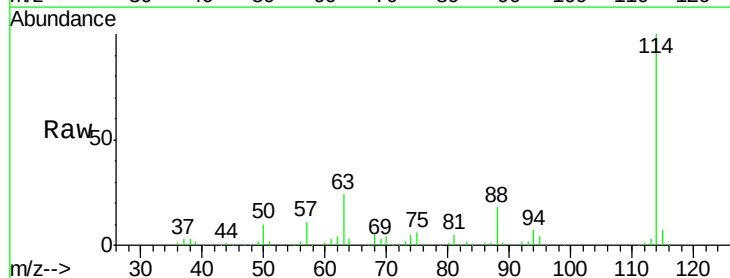
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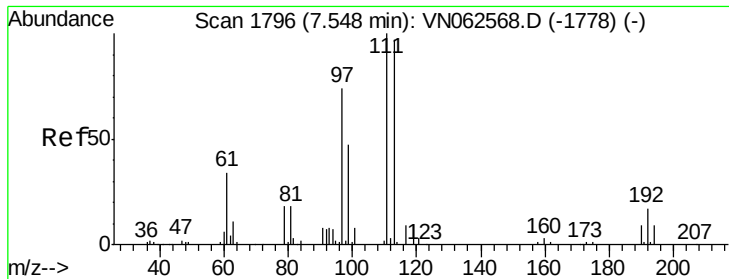
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	294773		
63	24.2	0.0	48.4	
88	17.8	0.0	33.8	





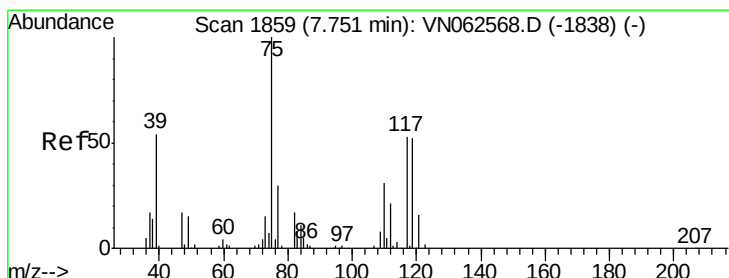
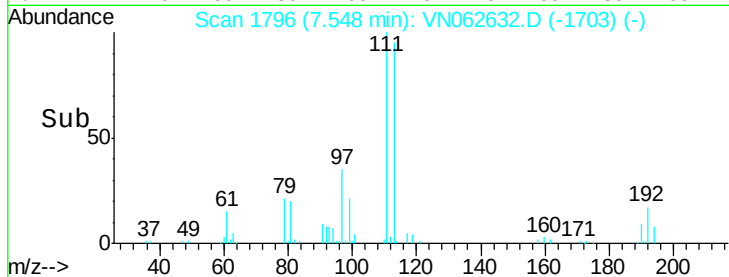
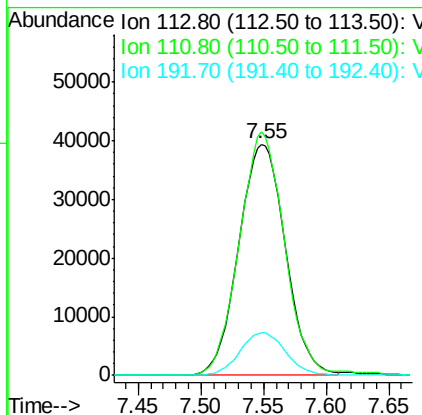
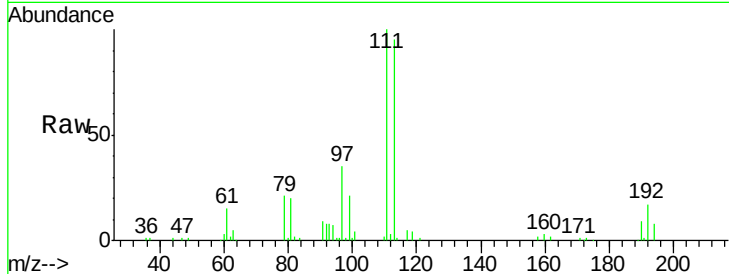
#35
 Dibromofluoromethane
 Concen: 52.698 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	102035		
111	102.8	82.7	124.1	
192	18.0	14.8	22.2	

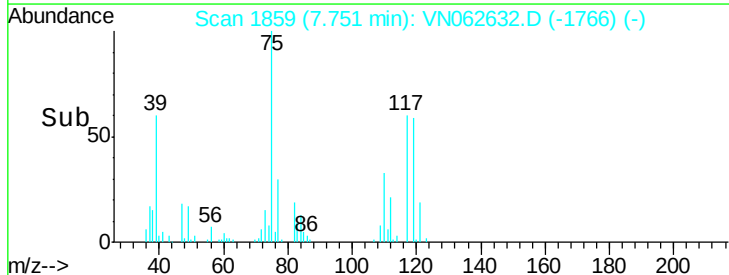
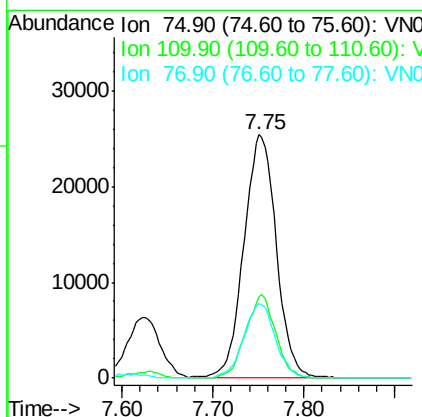
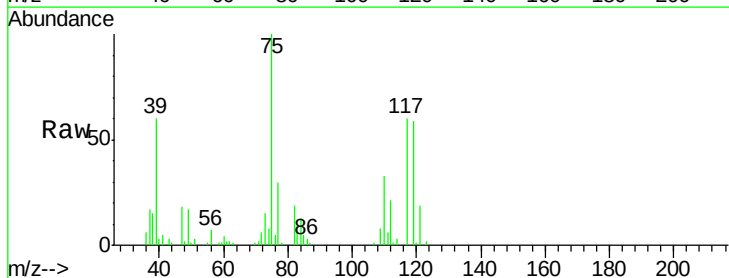
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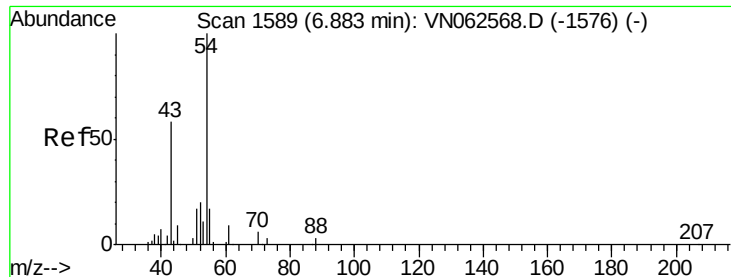
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#36
 1,1-Dichloropropene
 Concen: 20.074 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63073		
110	31.6	16.0	48.0	
77	29.6	24.6	36.8	





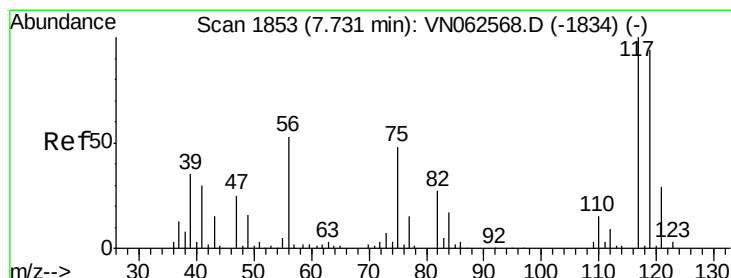
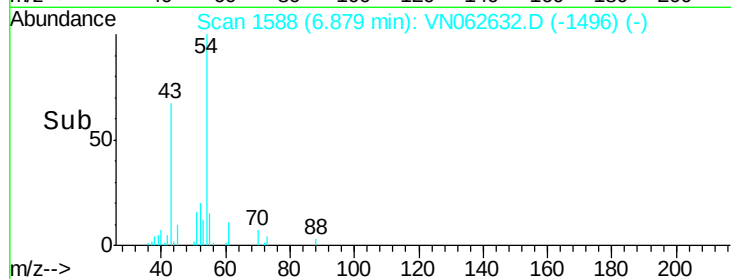
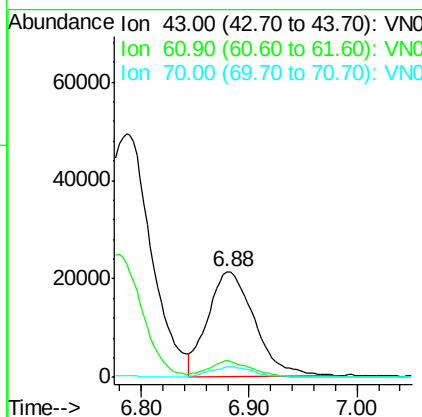
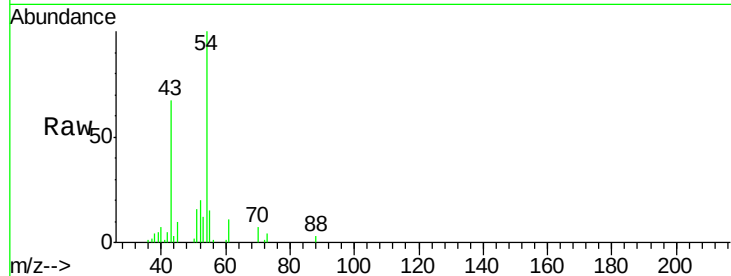
#37
Ethyl Acetate
Concen: 18.944 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	9.6	7.7	11.5

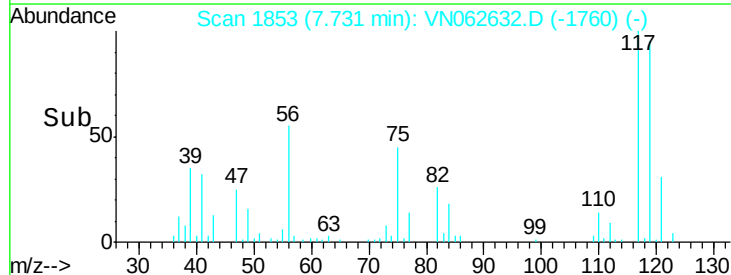
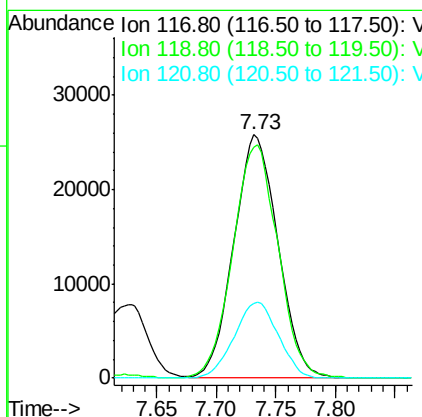
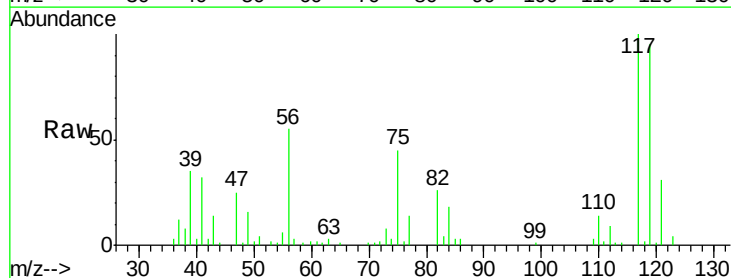
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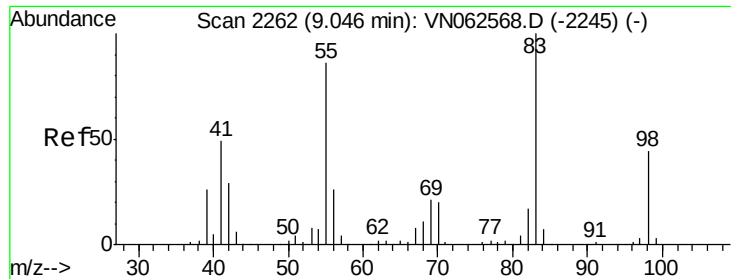
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#38
Carbon Tetrachloride
Concen: 22.004 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.8	112.2
121	30.8	23.0	34.6





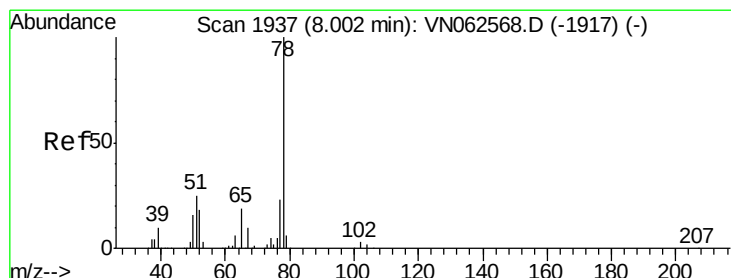
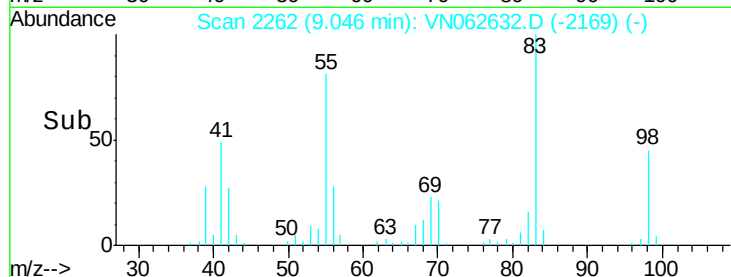
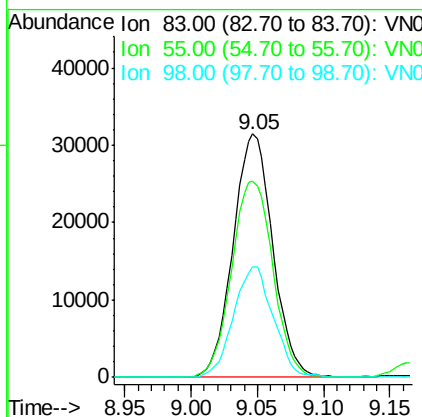
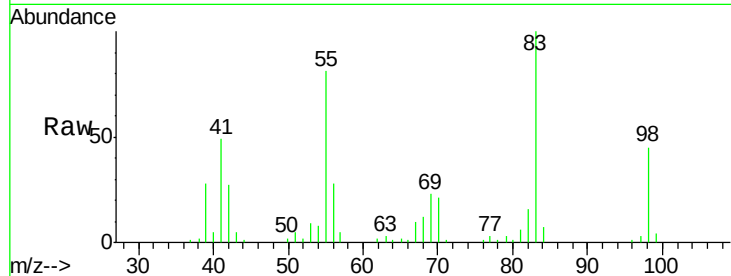
#39
Methylcyclohexane
Concen: 19.363 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.6	68.9	103.3
98	45.2	35.1	52.7

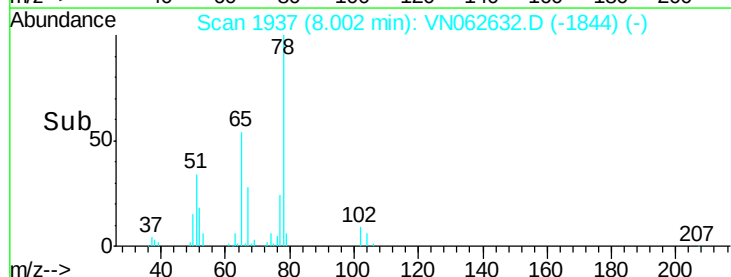
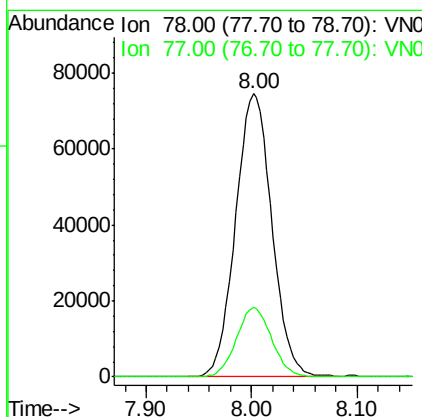
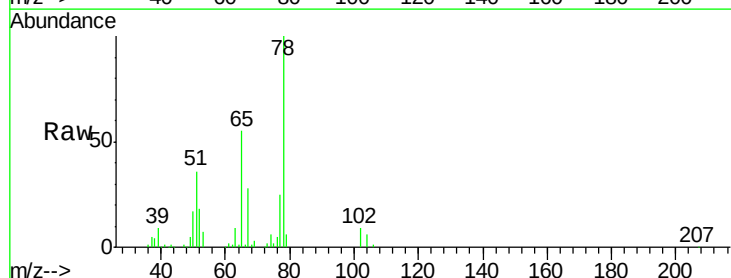
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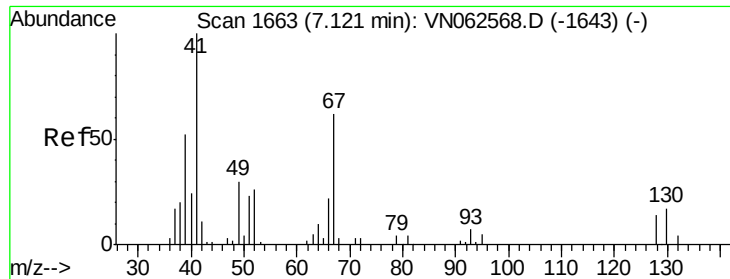
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#40
Benzene
Concen: 18.740 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.7	28.1





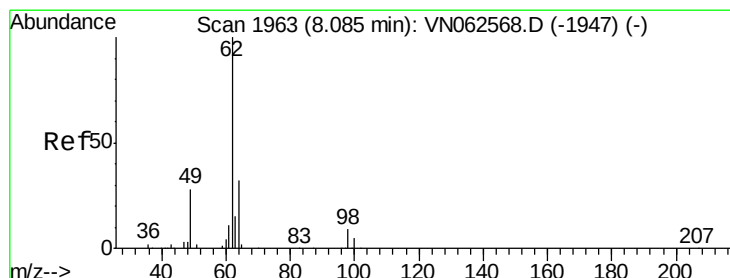
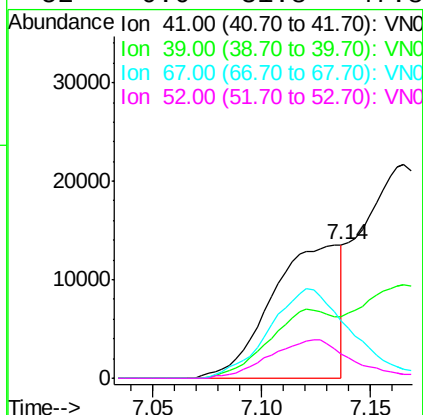
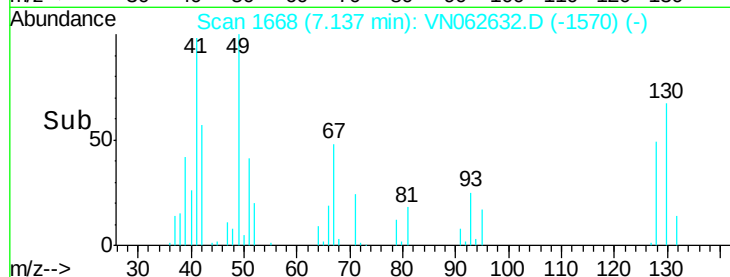
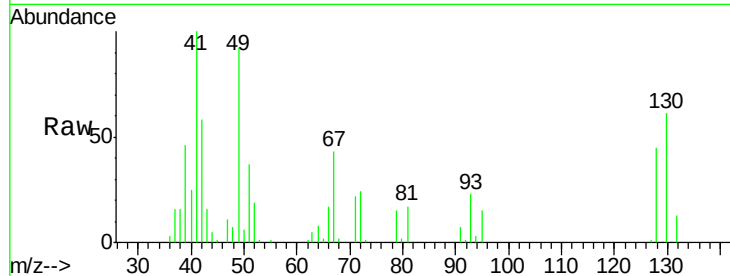
#41
Methacrylonitrile
Concen: 20.850 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.02 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#

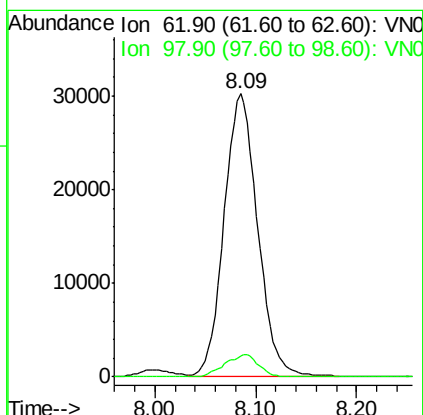
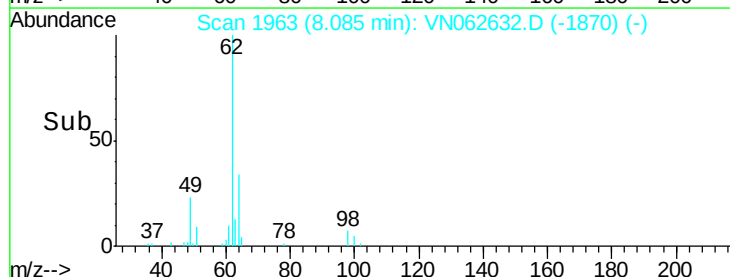
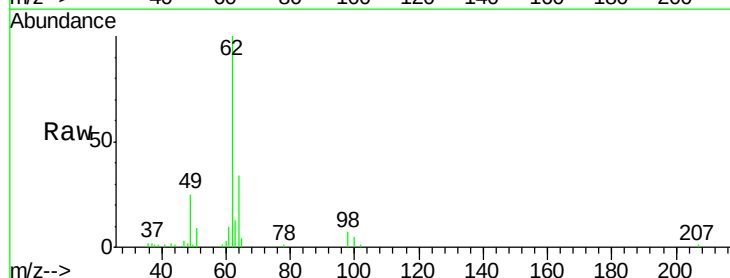
Manual Integrations
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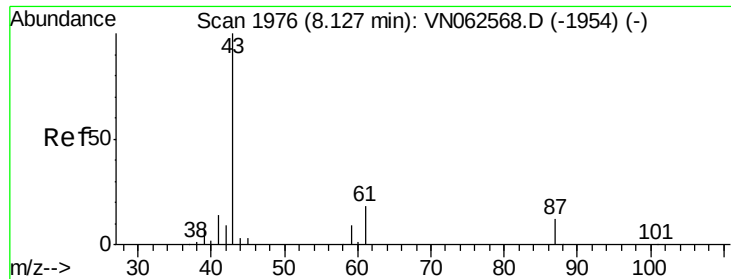
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#42
1,2-Dichloroethane
Concen: 20.227 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 18.133 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

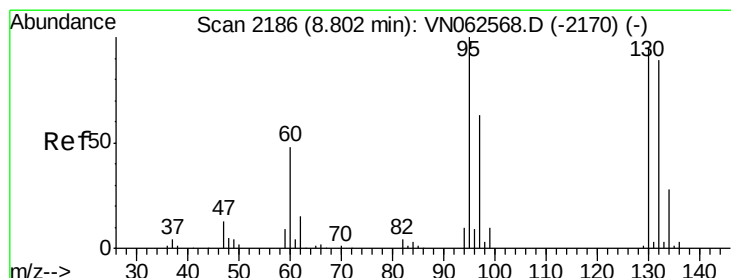
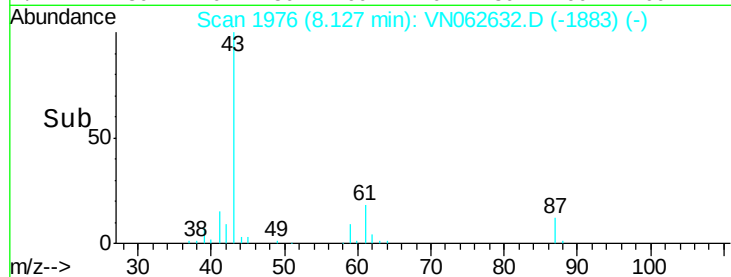
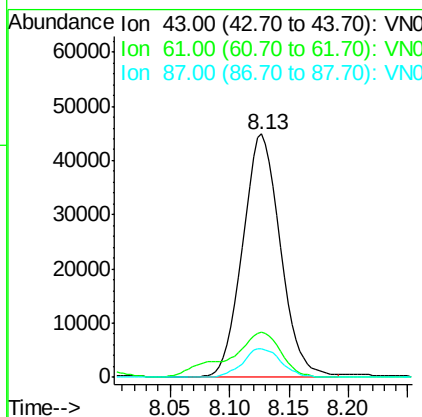
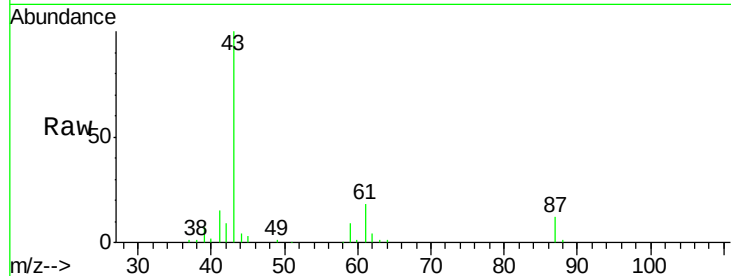
ClientSampleId :

VN0728WBSD01

Tgt Ion:	43	Resp:	99006
Ion Ratio	Lower	Upper	
43	100		
61	20.0	20.8	31.2#
87	11.9	9.2	13.8

Manual Integrations
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#44

Trichloroethene

Concen: 19.497 ug/l

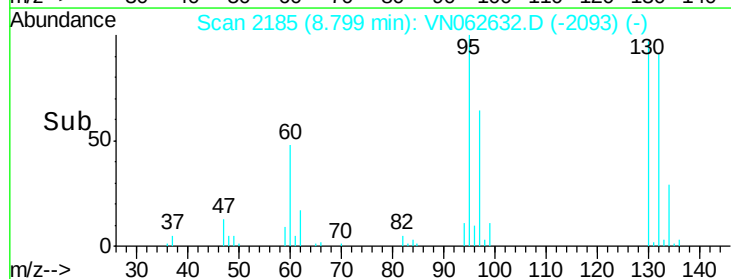
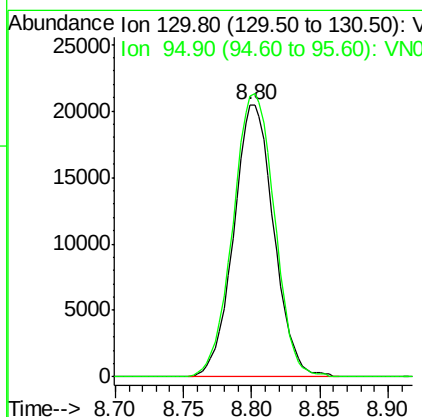
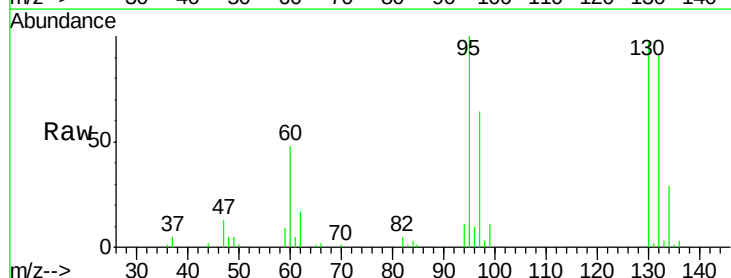
RT: 8.80 min Scan# 2185

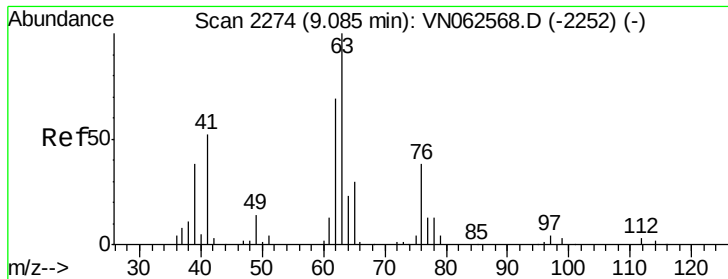
Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion:	130	Resp:	41824
Ion Ratio	Lower	Upper	
130	100		
95	103.1	0.0	210.4





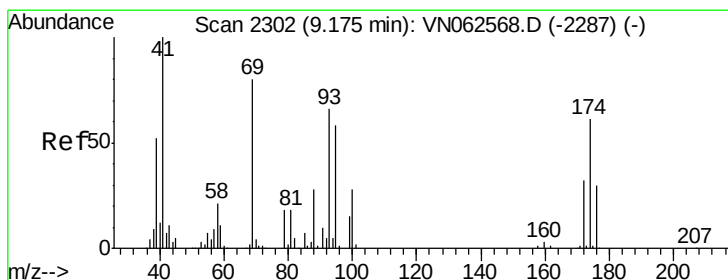
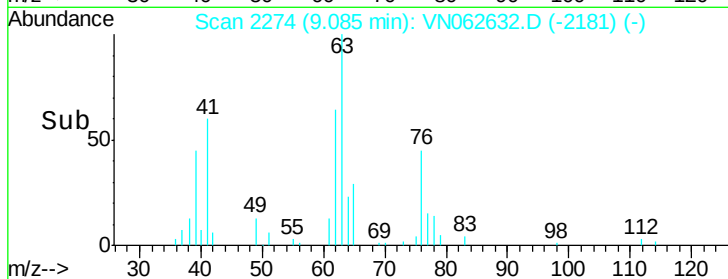
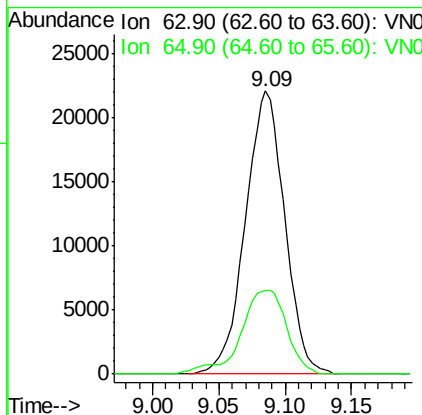
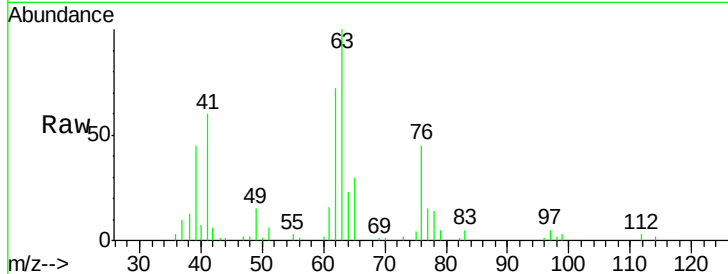
#45
 1,2-Dichloropropane
 Concen: 17.088 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Tgt Ion: 63 Resp: 45638
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.4 36.6

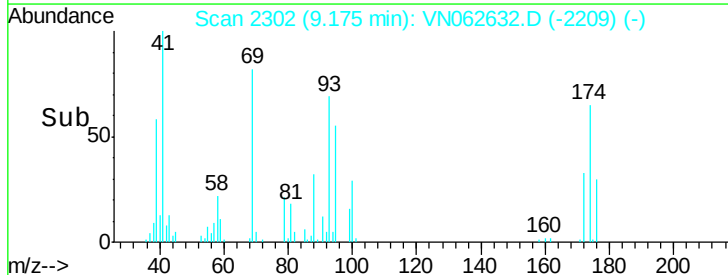
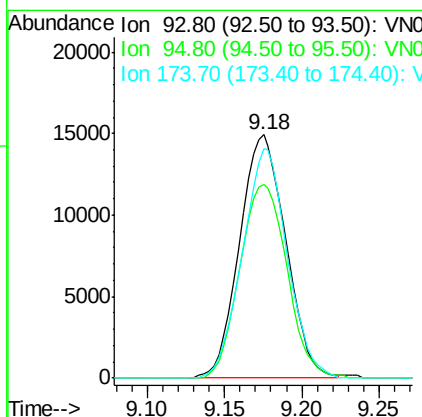
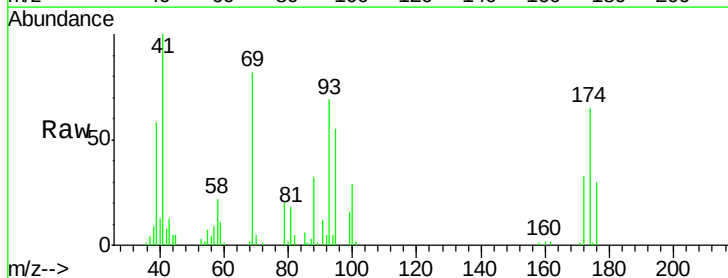
Manual Integrations
 APPROVED

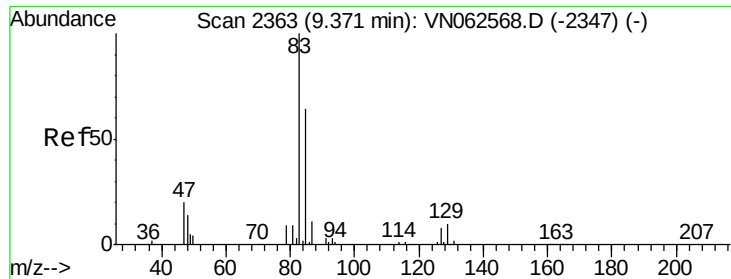
MMDadoda
 7/29/2020 7:06:24 PM



#46
 Dibromomethane
 Concen: 20.082 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 93 Resp: 30999
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.6 101.4
 174 91.7 72.5 108.7





#47

Bromodichloromethane

Concen: 20.426 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

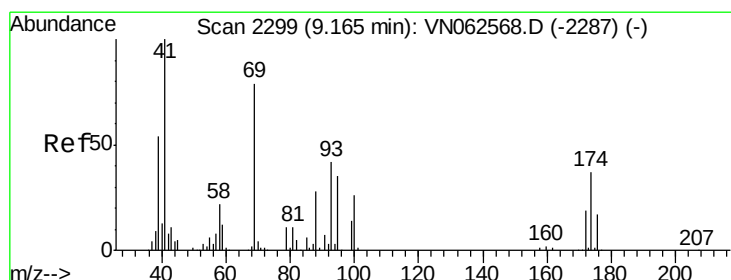
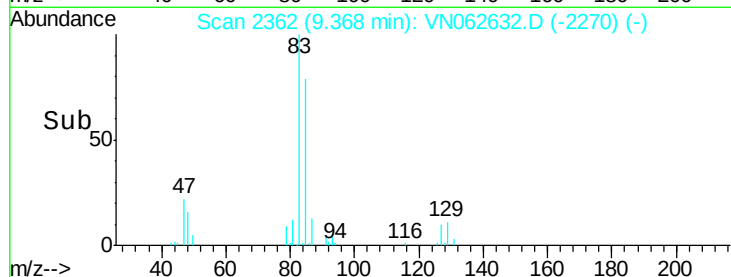
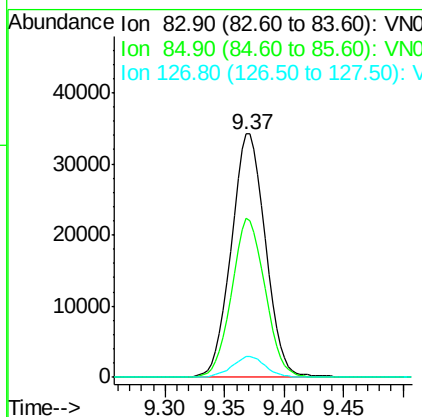
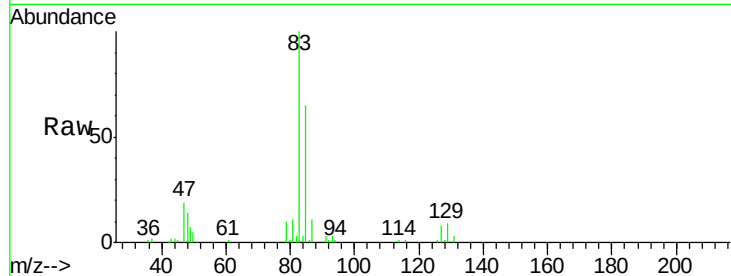
ClientSampleId :

VN0728WBSD01

Tgt Ion:	83	Resp:	68308
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.6	77.4
127	8.3	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.117 ug/l

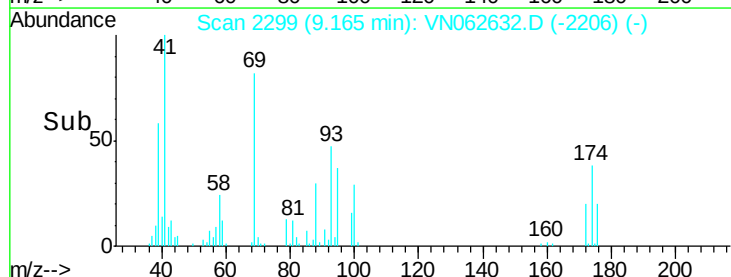
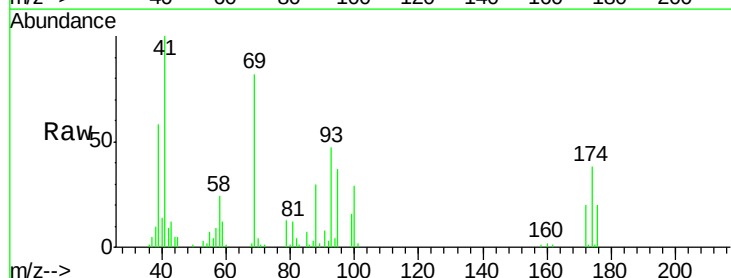
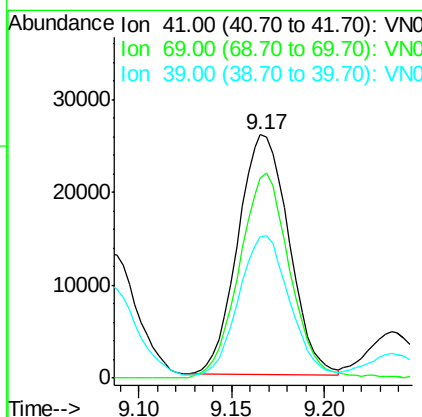
RT: 9.17 min Scan# 2299

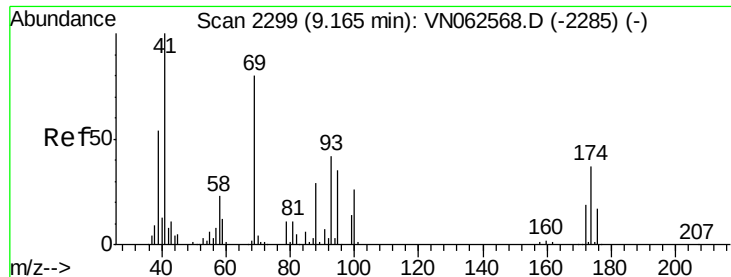
Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion:	41	Resp:	49618
Ion	Ratio	Lower	Upper
41	100		
69	84.0	64.4	96.6
39	57.7	43.5	65.3





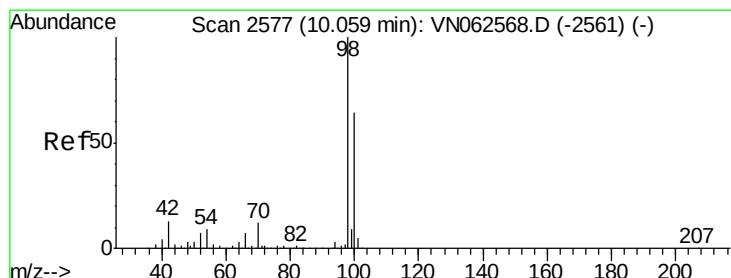
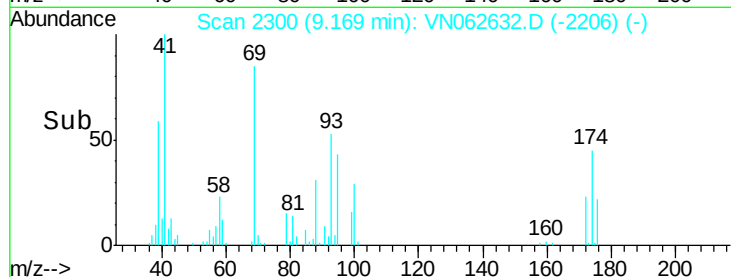
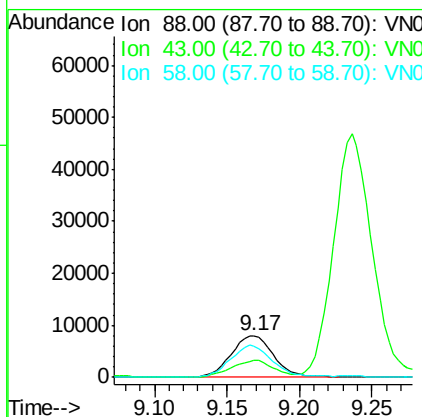
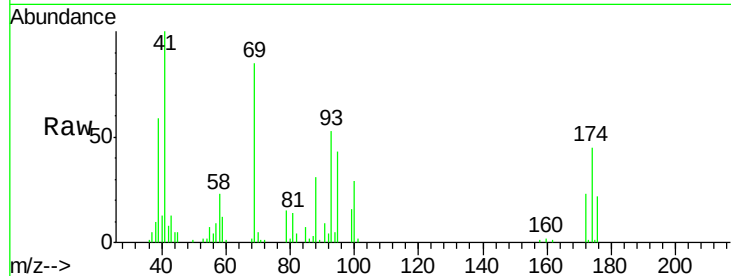
#49
1,4-Dioxane
Concen: 407.495 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	16244		
43	40.7	32.0	48.0	
58	76.9	62.8	94.2	

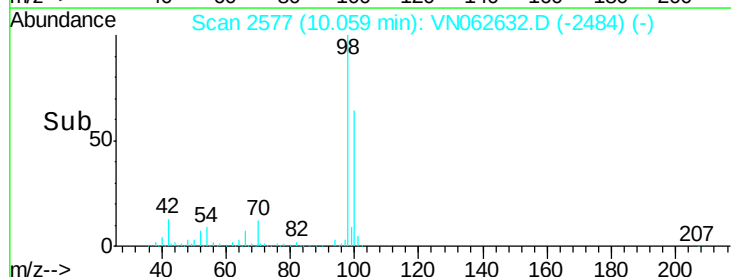
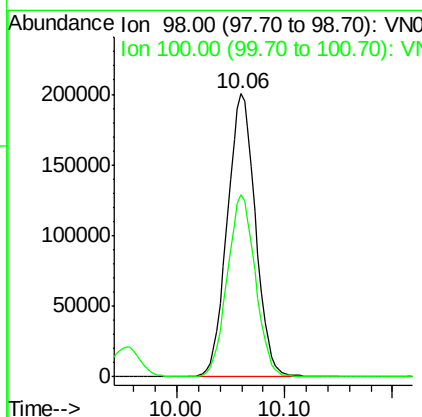
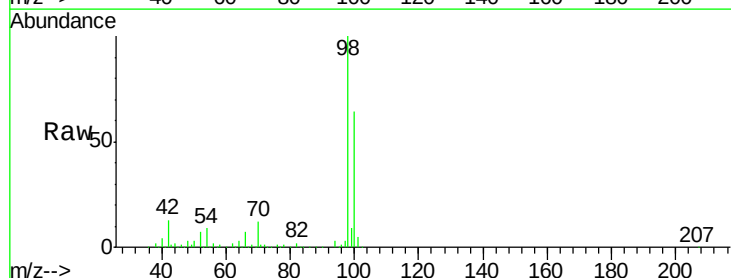
Manual Integrations
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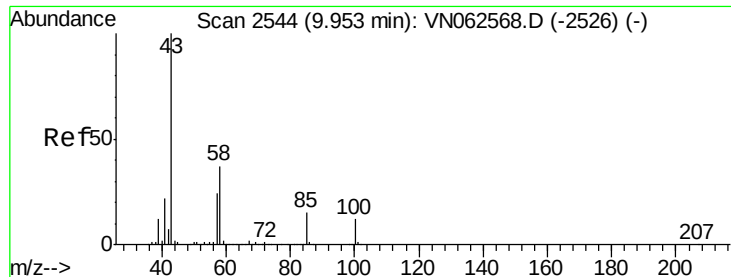
MMDadoda
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#50
Toluene-d8
Concen: 47.223 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	364817		
100	64.2	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 86.809 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

VN0728WBSD01

Tgt Ion: 43 Resp: 283592

Ion Ratio Lower Upper

43 100

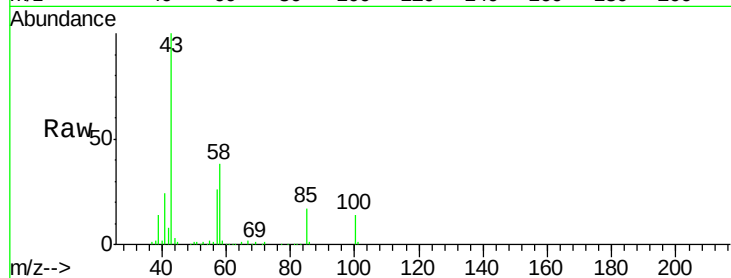
58 38.3 29.8 44.6

Manual Integrations

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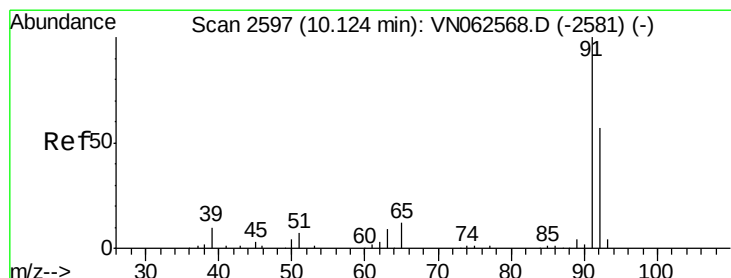
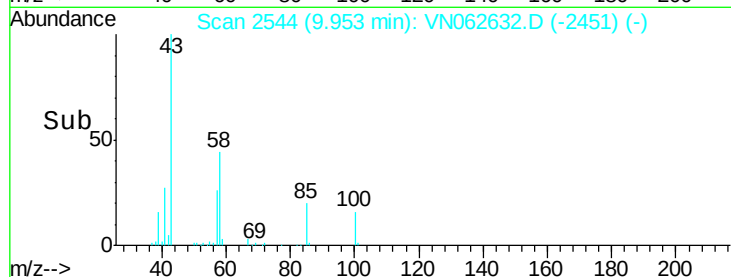
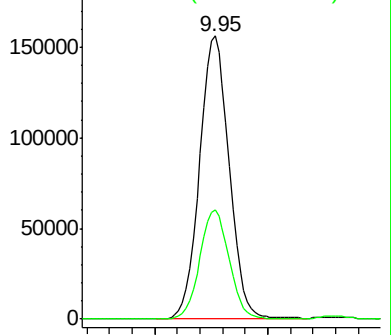
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.096 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062632.D

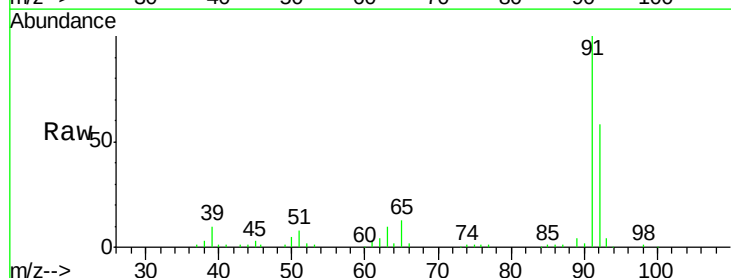
Acq: 28 Jul 2020 14:10

Tgt Ion: 92 Resp: 99952

Ion Ratio Lower Upper

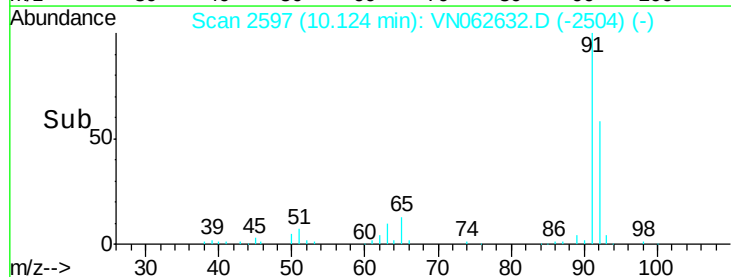
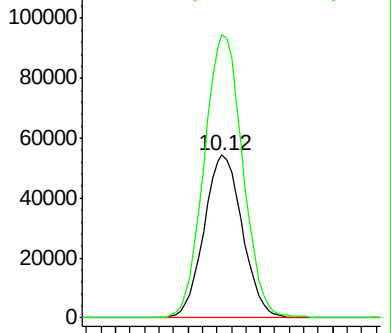
92 100

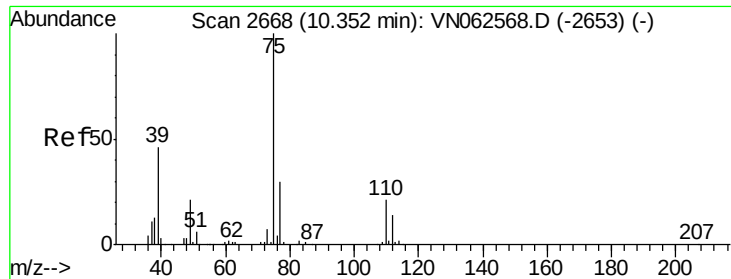
91 175.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





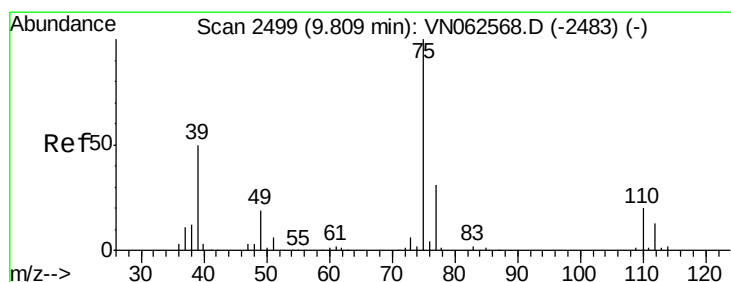
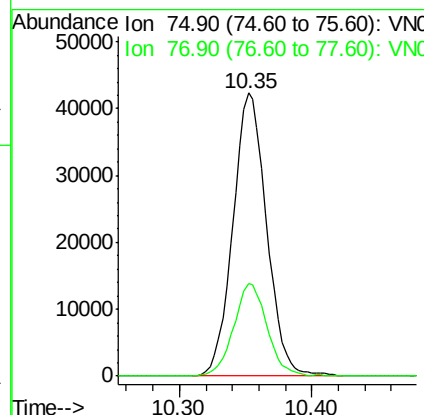
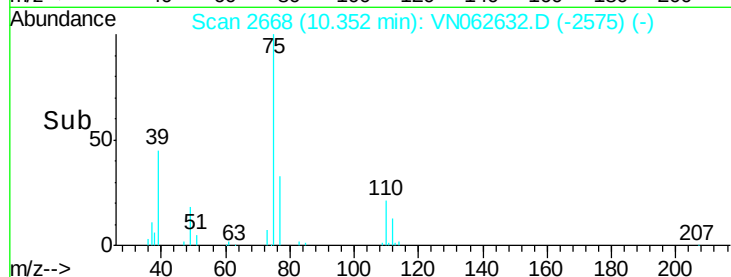
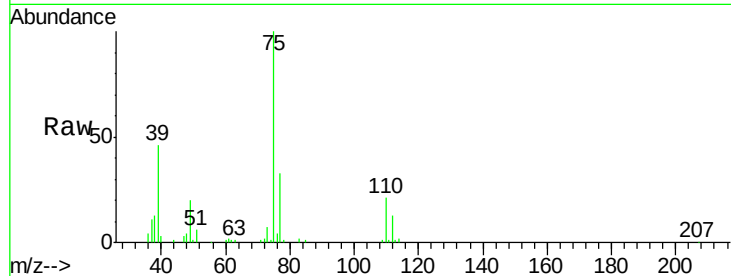
#53
t-1,3-Dichloropropene
Concen: 20.039 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion: 75 Resp: 74603
Ion Ratio Lower Upper
75 100
77 32.6 24.3 36.5

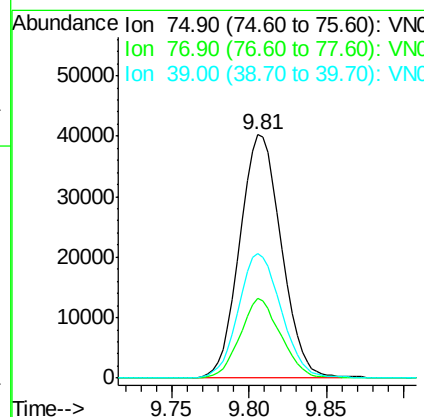
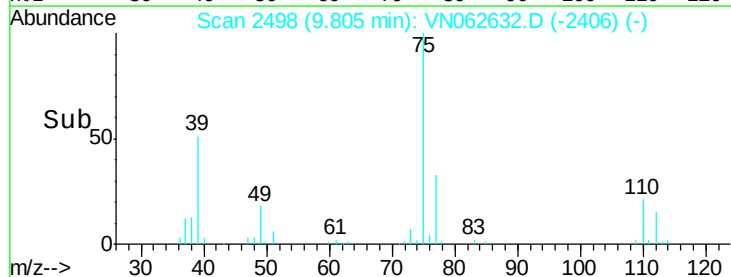
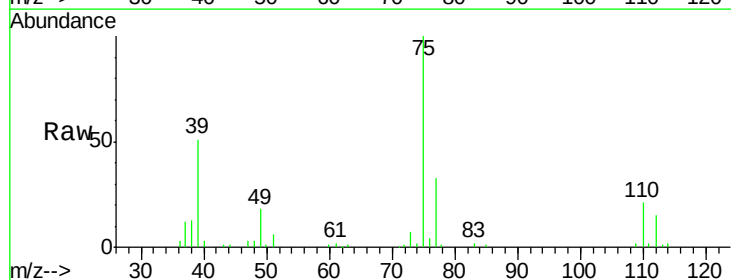
Manual Integrations
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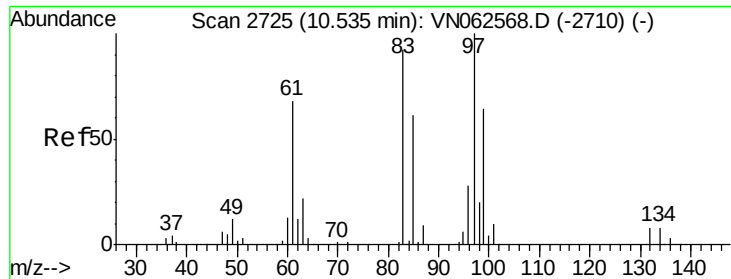
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#54
cis-1,3-Dichloropropene
Concen: 18.877 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 75 Resp: 75407
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 51.4 39.8 59.8





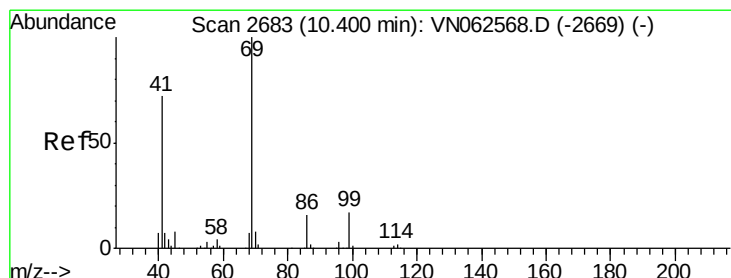
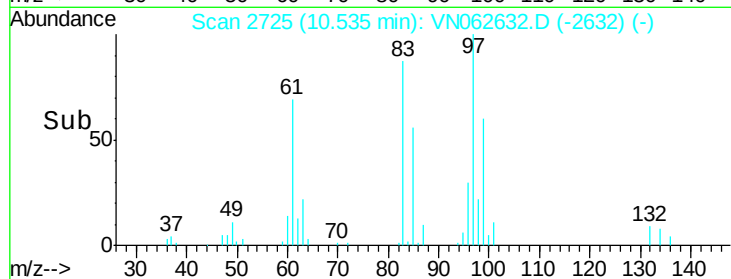
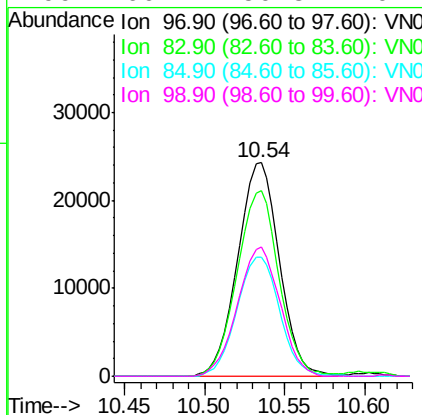
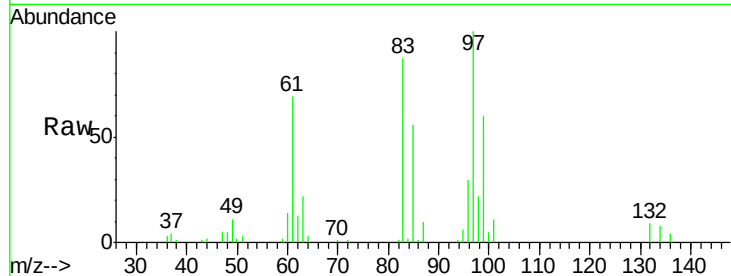
#55
 1,1,2-Trichloroethane
 Concen: 20.139 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	73.7	110.5
85	55.6	48.5	72.7
99	60.4	50.8	76.2

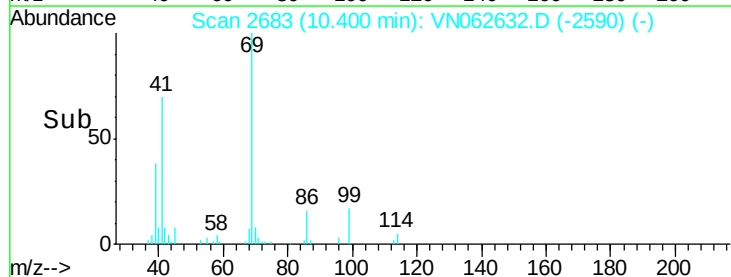
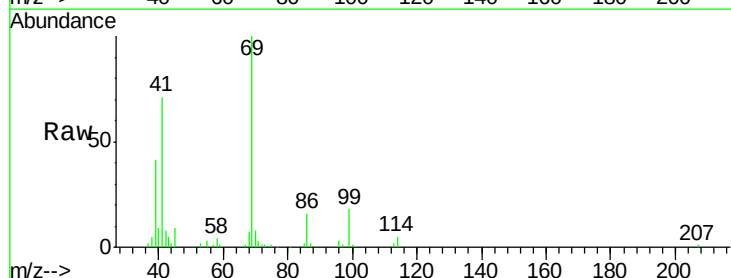
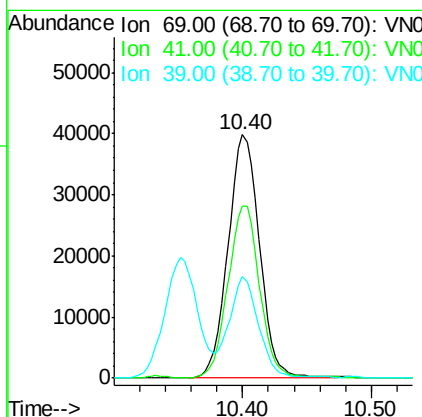
Manual Integrations
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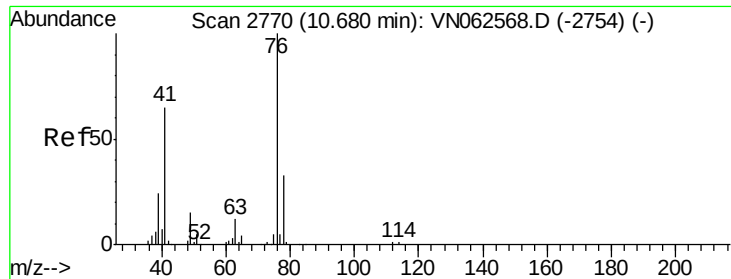
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 18.717 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.2	85.8
39	38.3	28.6	43.0





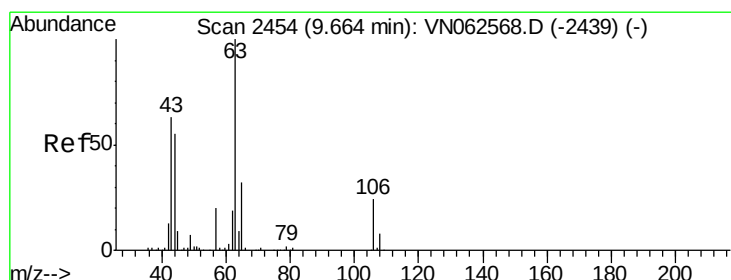
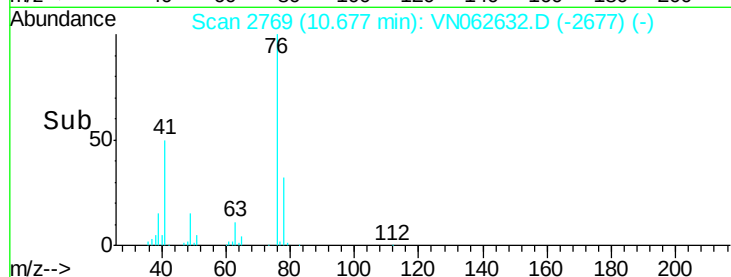
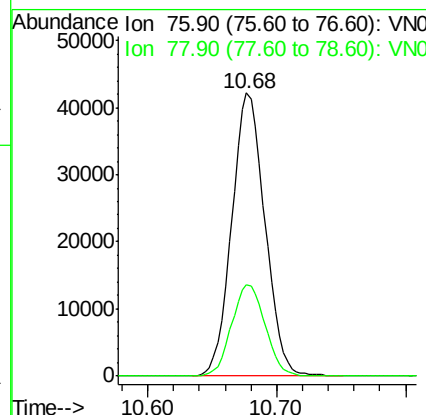
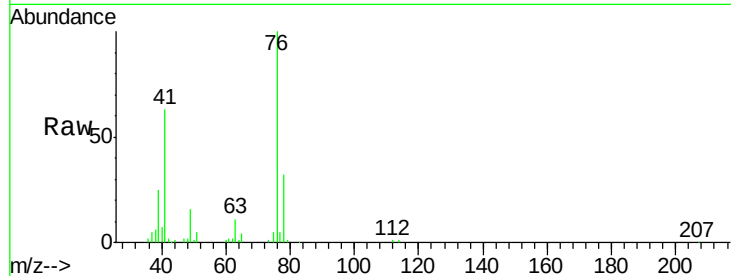
#57
 1,3-Dichloropropane
 Concen: 19.138 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Tgt Ion: 76 Resp: 75117
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5

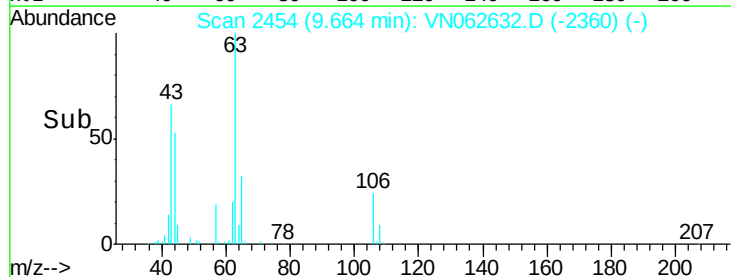
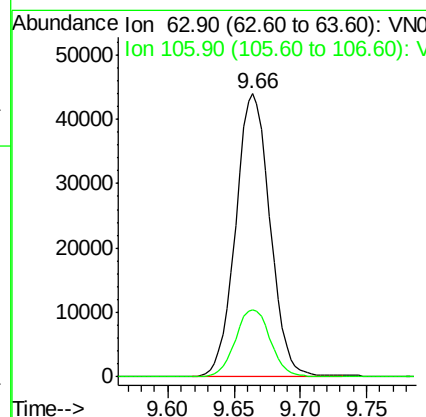
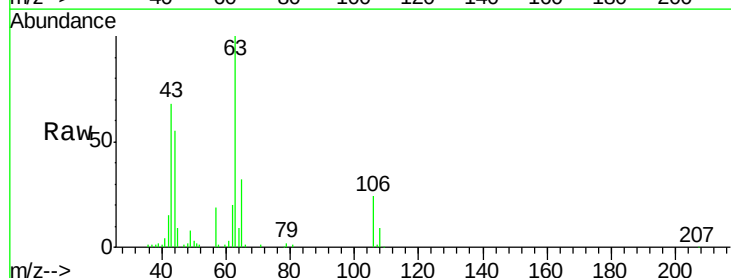
Manual Integrations
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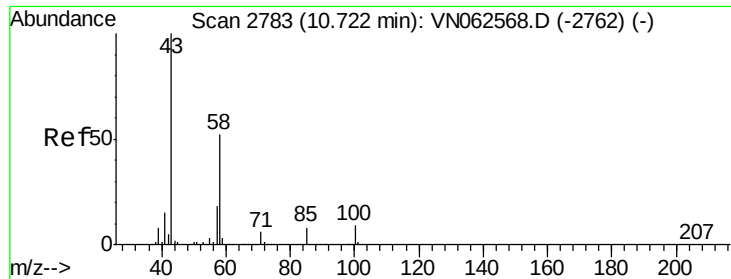
MMDadoda
 7/29/2020 7:06:24 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.488 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 63 Resp: 79260
 Ion Ratio Lower Upper
 63 100
 106 24.2 18.9 28.3





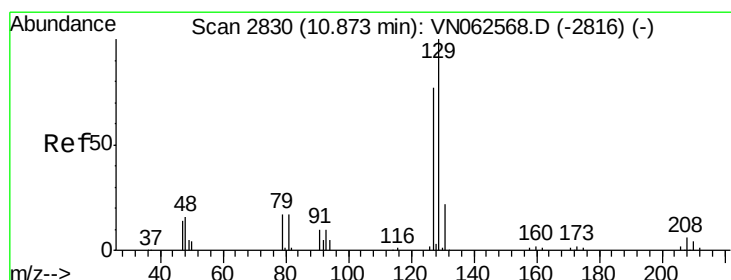
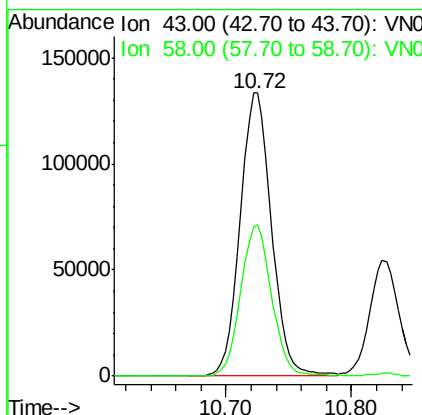
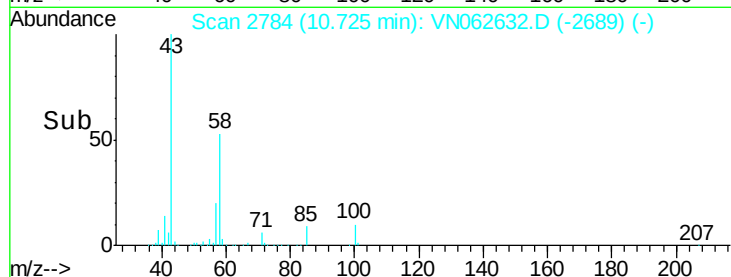
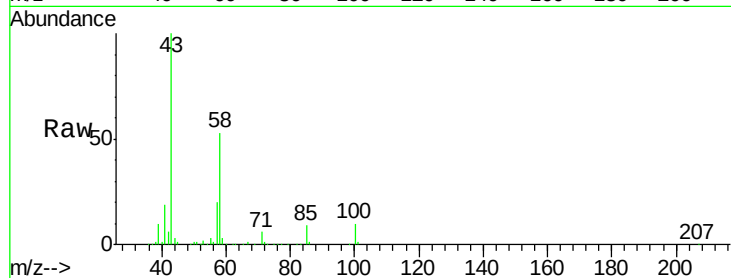
#59
2-Hexanone
Concen: 93.865 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion: 43 Resp: 232425
Ion Ratio Lower Upper
43 100
58 52.6 26.0 78.0

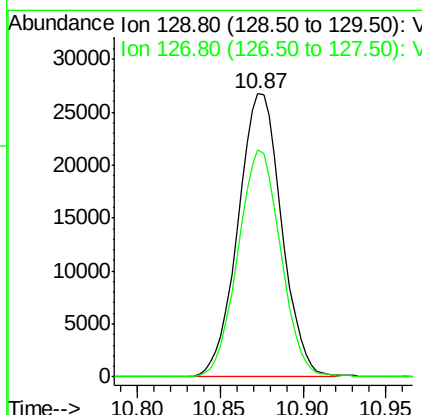
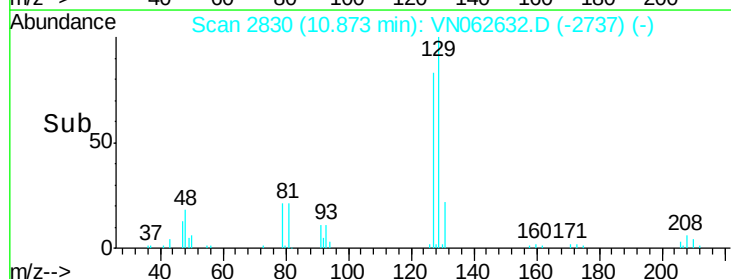
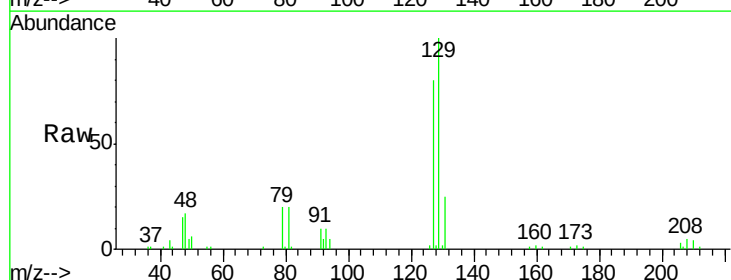
Manual Integrations
APPROVED

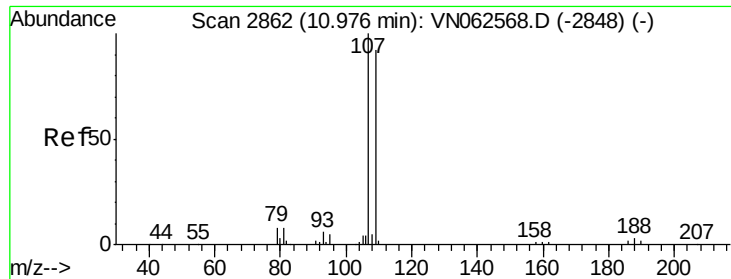
MMDadoda
7/29/2020 7:06:24 PM



#60
Dibromochloromethane
Concen: 20.463 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 129 Resp: 48909
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9





#61

1,2-Dibromoethane

Concen: 19.247 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

VN0728WBSD01

Tgt Ion: 107 Resp: 42939

Ion Ratio Lower Upper

107 100

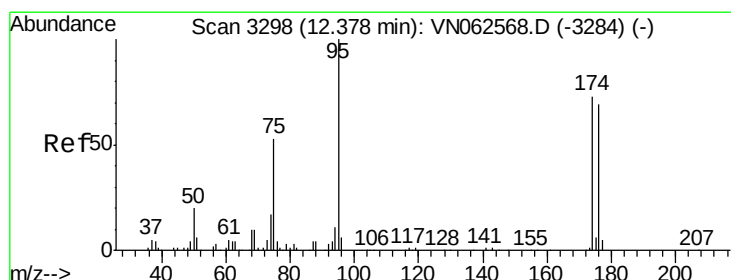
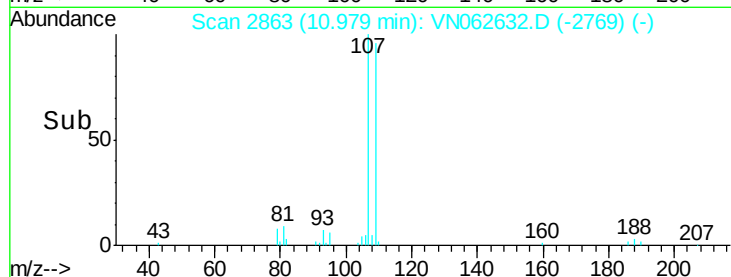
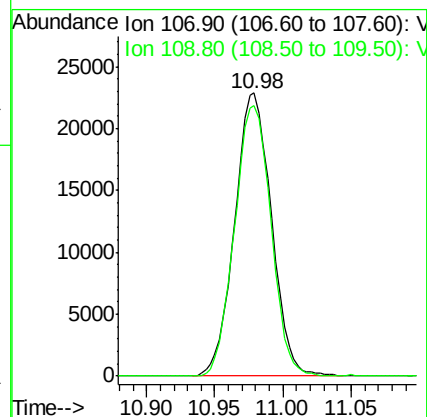
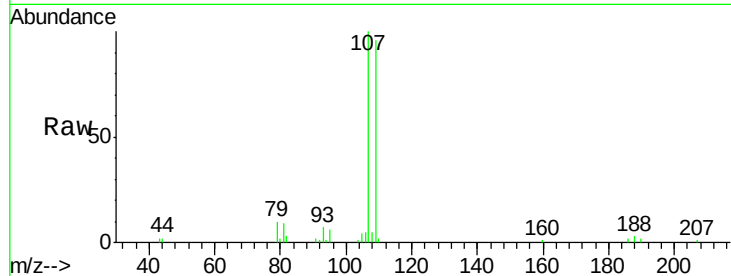
109 94.5 73.8 110.6

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#62

4-Bromofluorobenzene

Concen: 47.803 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

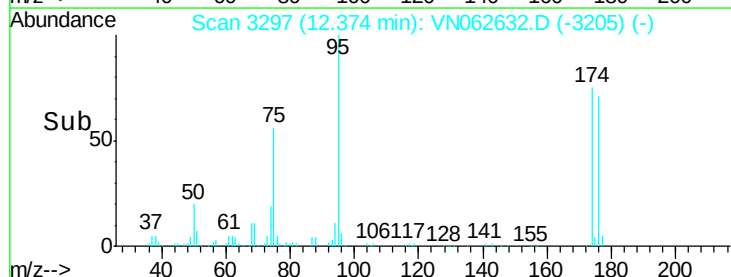
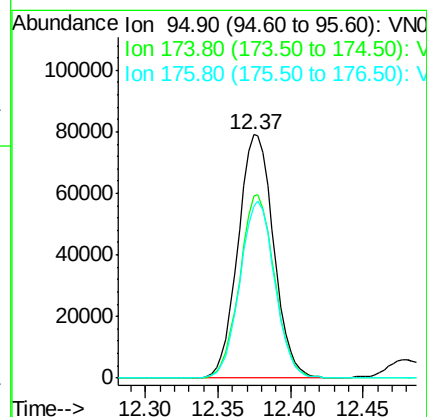
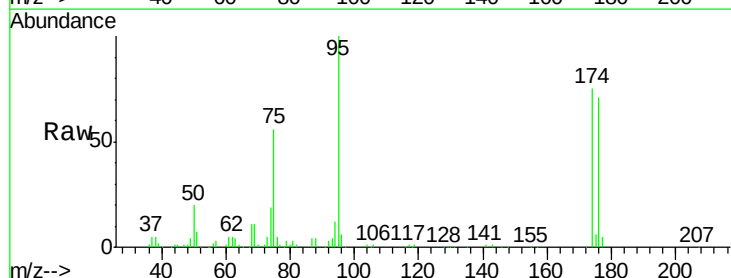
Tgt Ion: 95 Resp: 135032

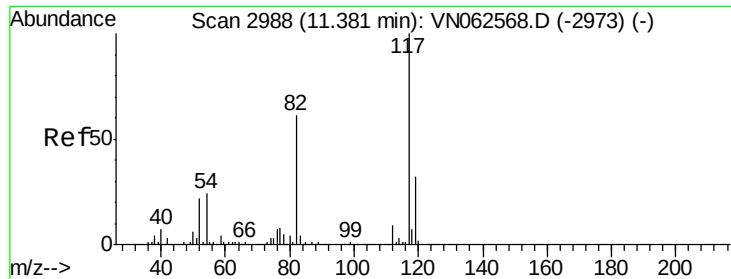
Ion Ratio Lower Upper

95 100

174 73.7 0.0 144.6

176 71.0 0.0 139.4





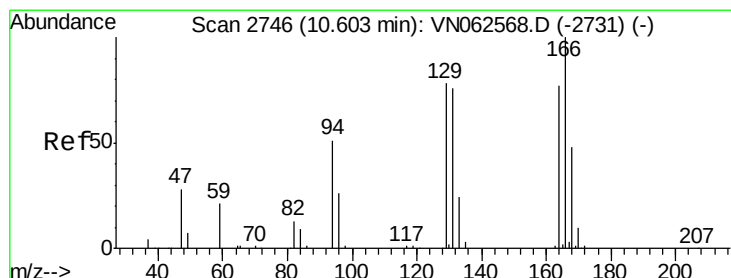
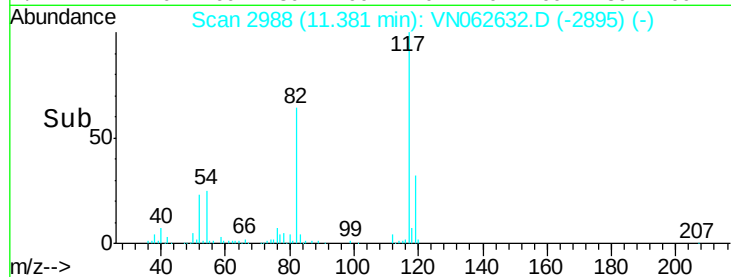
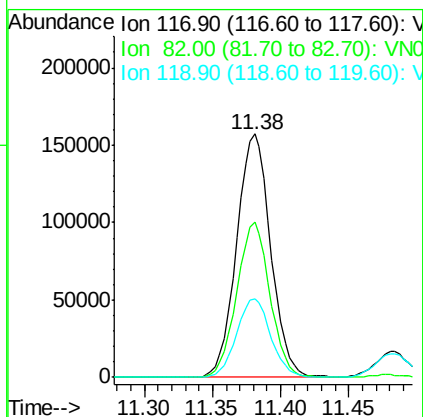
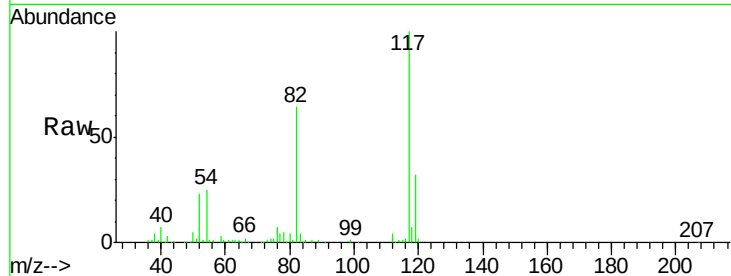
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.6	49.0	73.6
119	32.5	25.4	38.2

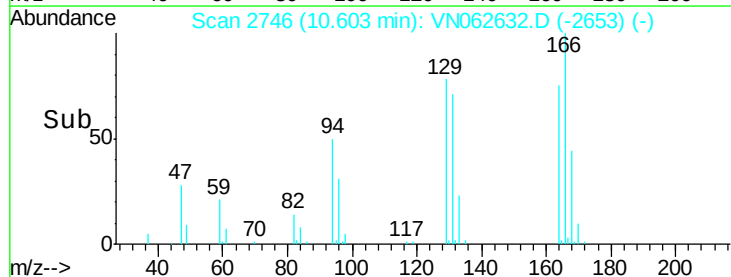
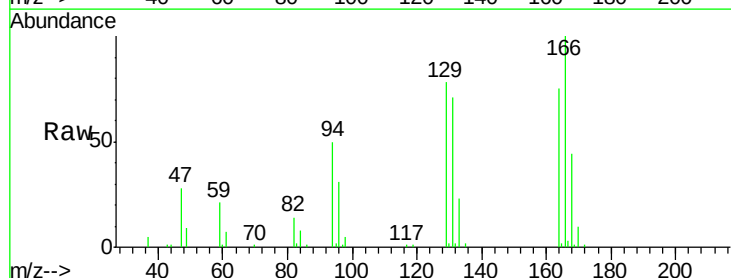
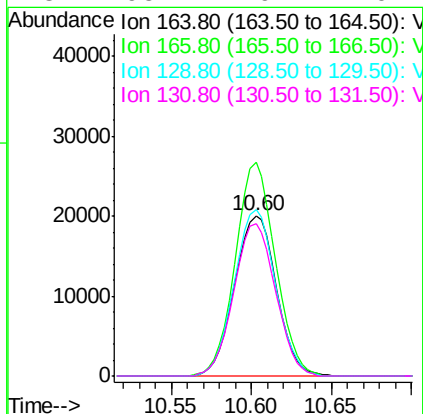
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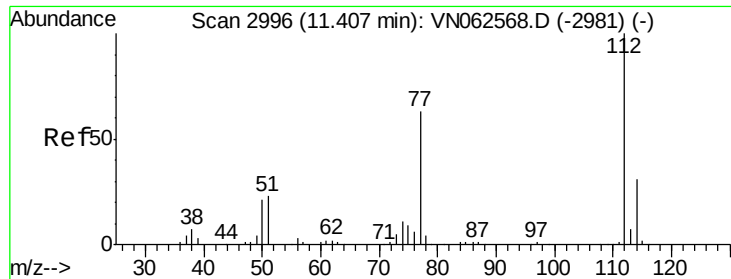
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#64
Tetrachloroethene
Concen: 20.266 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	104.4	156.6
129	104.2	81.0	121.4
131	95.2	79.4	119.2





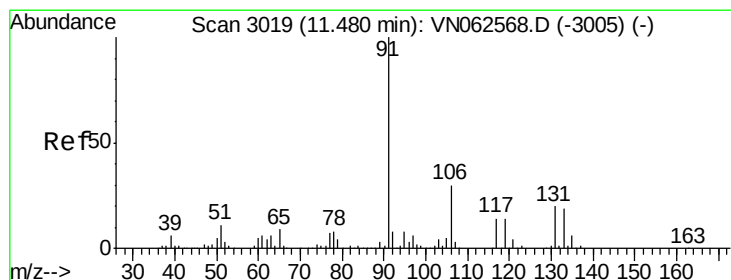
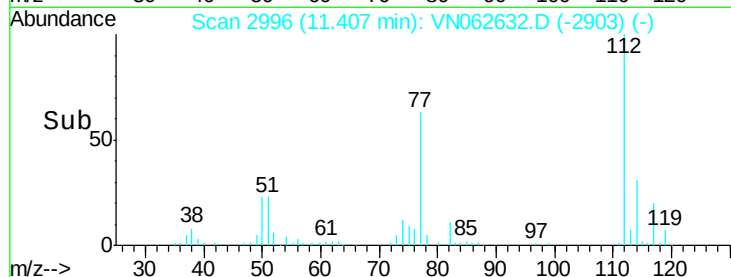
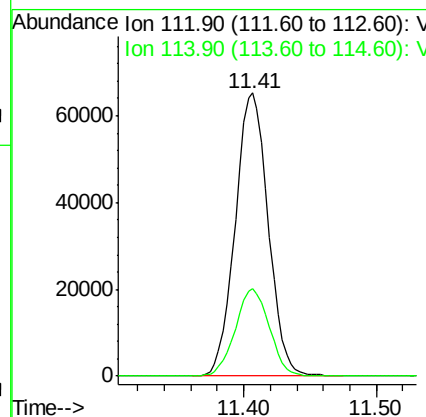
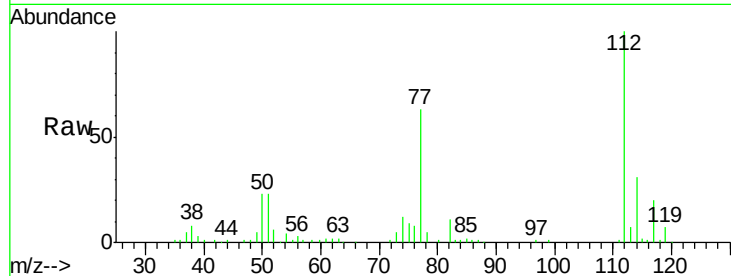
#65
Chlorobenzene
Concen: 19.706 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampled :
VN0728WBSD01

Tgt Ion:112 Resp: 112471
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7

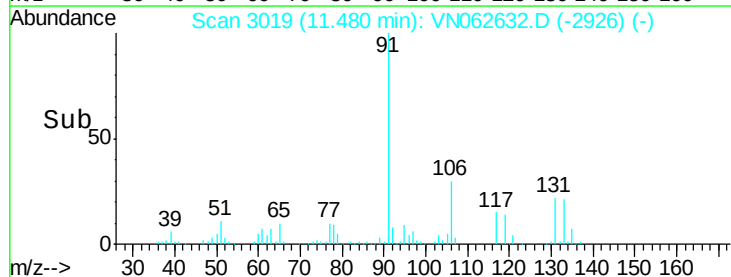
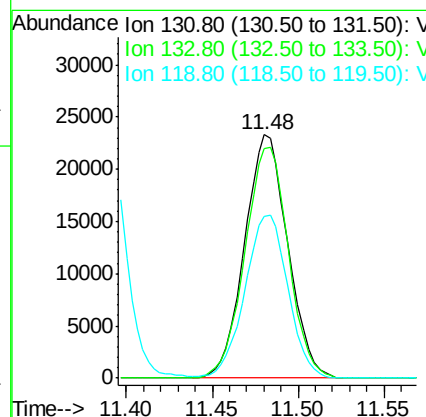
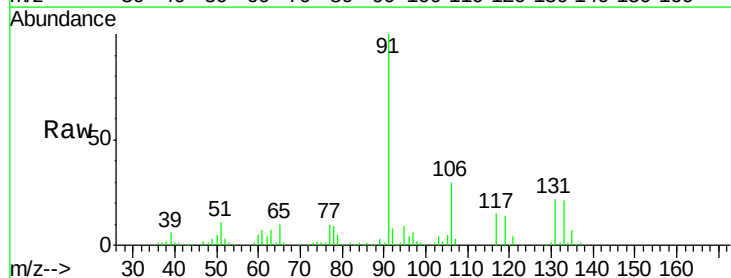
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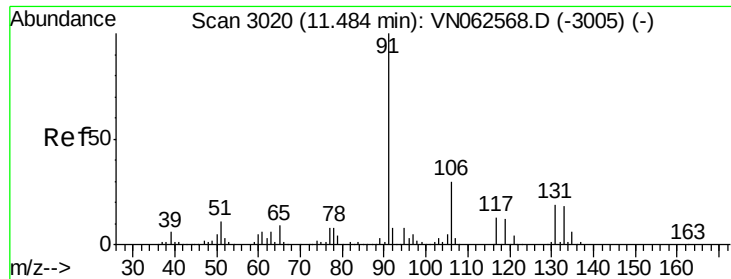
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.881 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion:131 Resp: 40540
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 66.6 33.7 101.0





#67

Ethyl Benzene

Concen: 18.282 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

VN0728WBSD01

Tgt Ion: 91 Resp: 191316

Ion Ratio Lower Upper

91 100

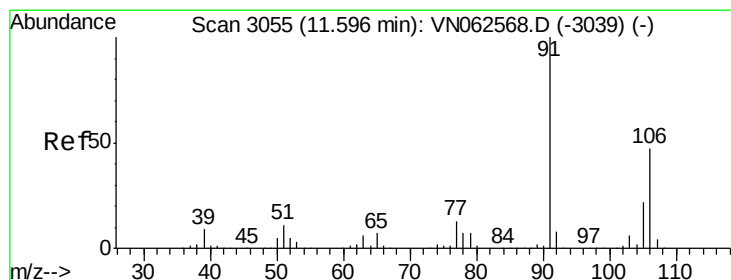
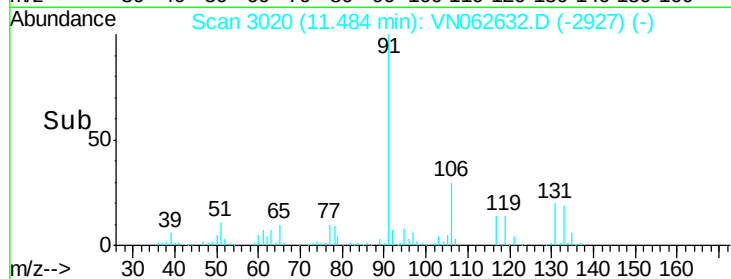
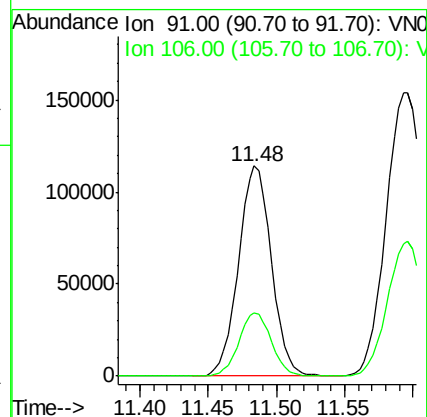
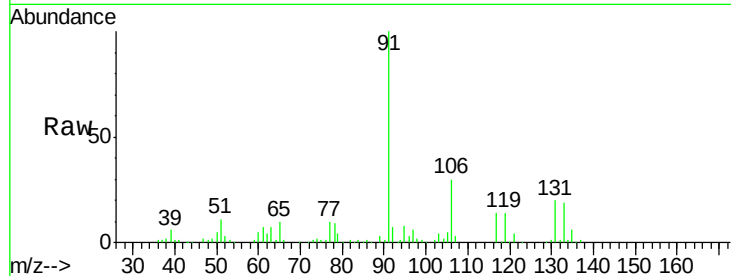
106 30.2 23.8 35.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.282 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062632.D

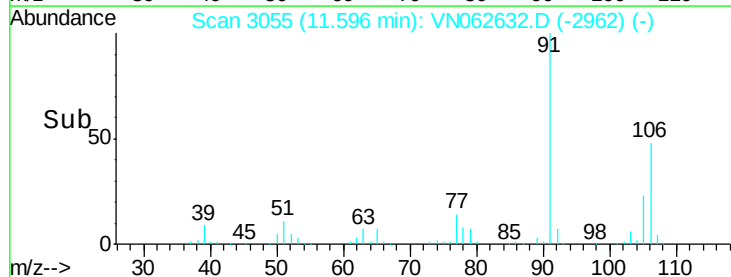
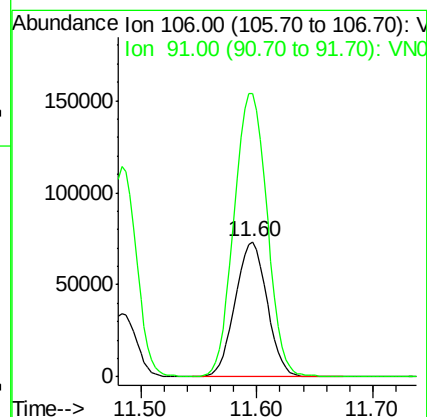
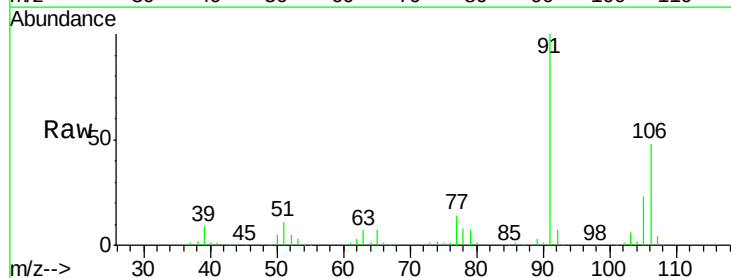
Acq: 28 Jul 2020 14:10

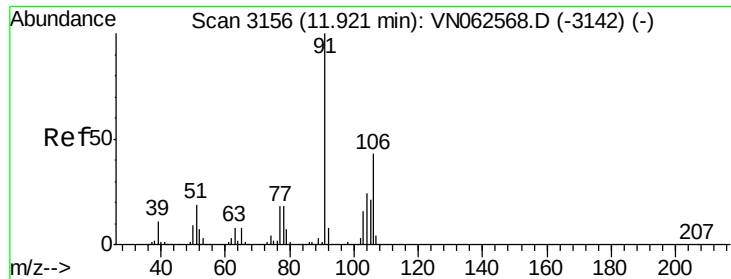
Tgt Ion: 106 Resp: 140230

Ion Ratio Lower Upper

106 100

91 216.5 171.4 257.2





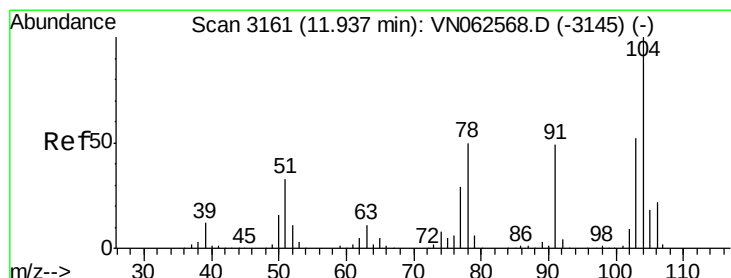
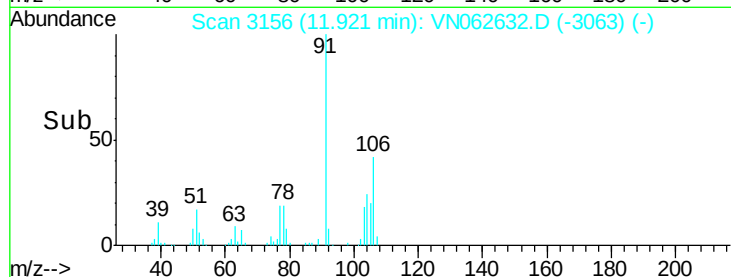
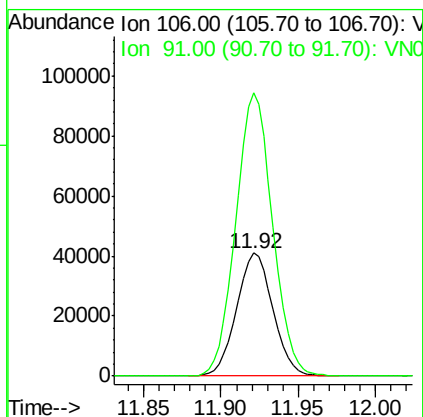
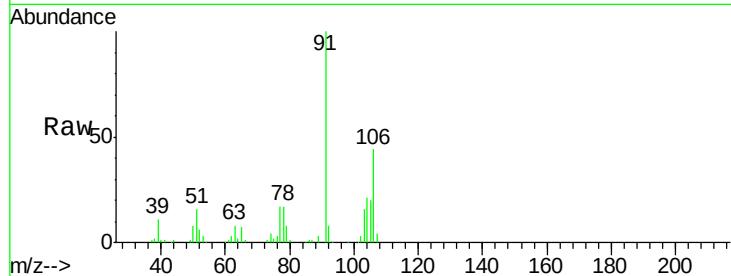
#69
o-Xylene
Concen: 18.720 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion:106 Resp: 66863
Ion Ratio Lower Upper
106 100
91 232.7 113.8 341.2

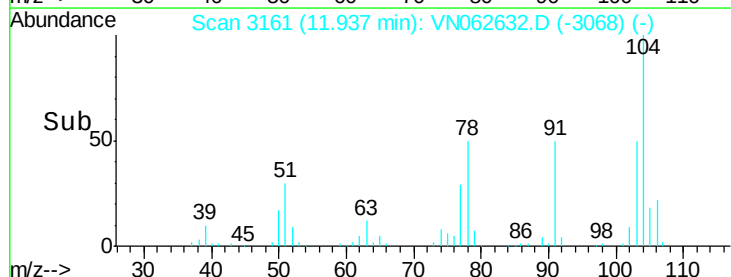
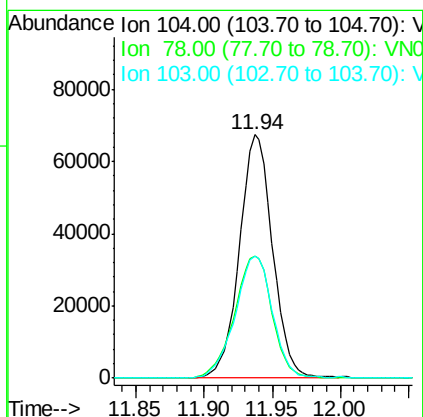
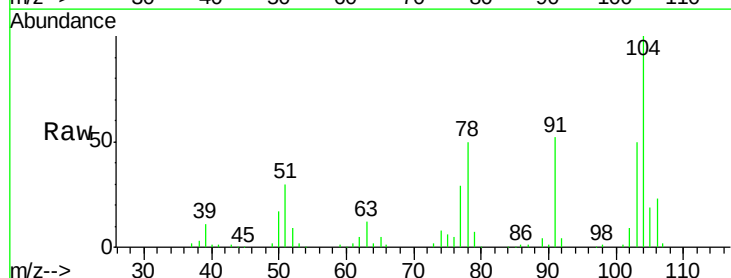
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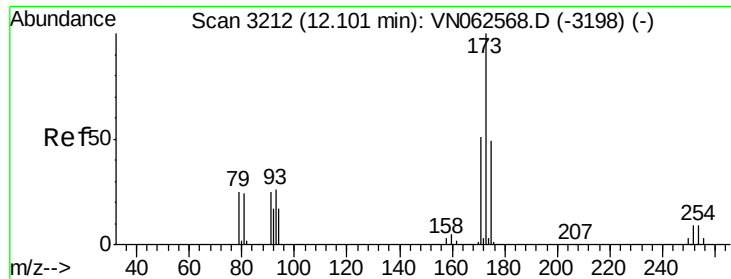
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#70
Styrene
Concen: 18.870 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion:104 Resp: 113856
Ion Ratio Lower Upper
104 100
78 57.0 43.8 65.6
103 56.2 44.0 66.0





#71

Bromoform

Concen: 19.706 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

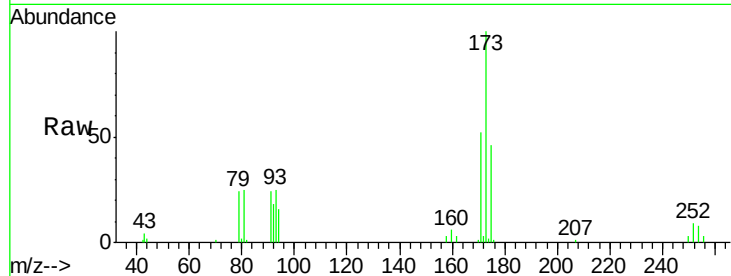
ClientSampleId :

VN0728WBSD01

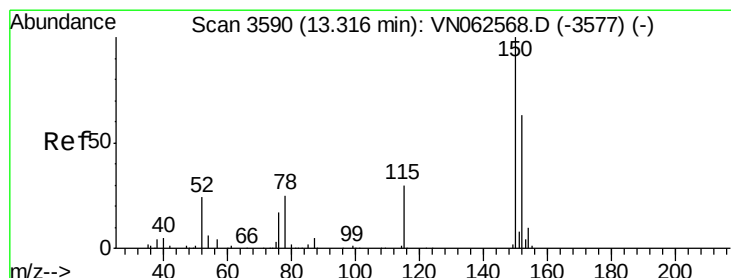
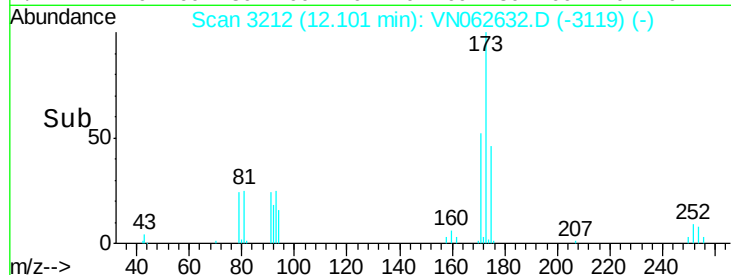
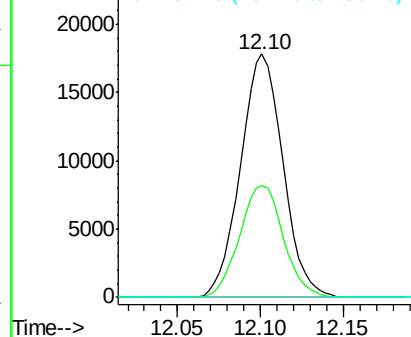
Tgt Ion:	173	Resp:	31769
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.1	72.2
254	0.0	0.0	0.0

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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

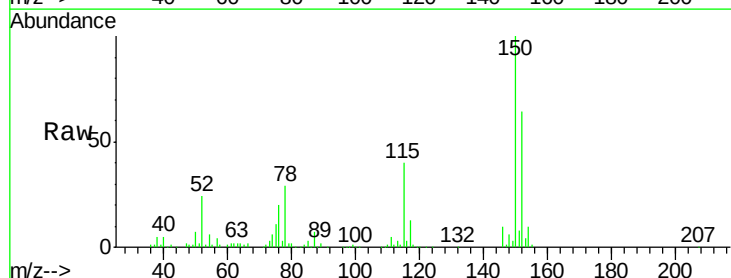
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

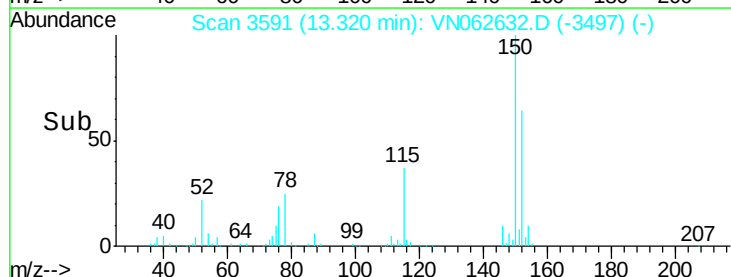
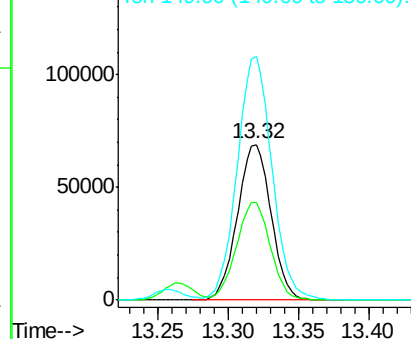
Lab File: VN062632.D

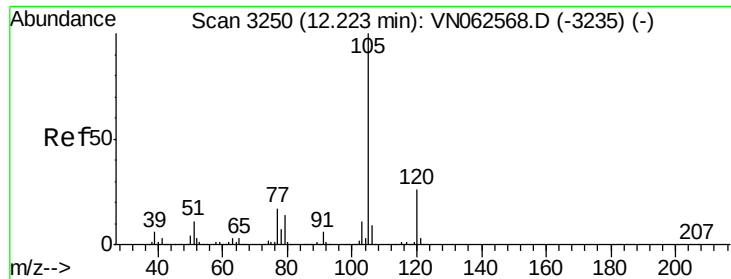
Acq: 28 Jul 2020 14:10

Tgt Ion:	152	Resp:	115638
Ion Ratio	Lower	Upper	
152	100		
115	63.0	31.8	95.4
150	162.3	0.0	351.4



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





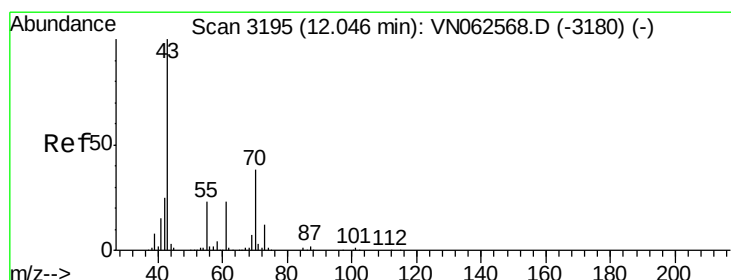
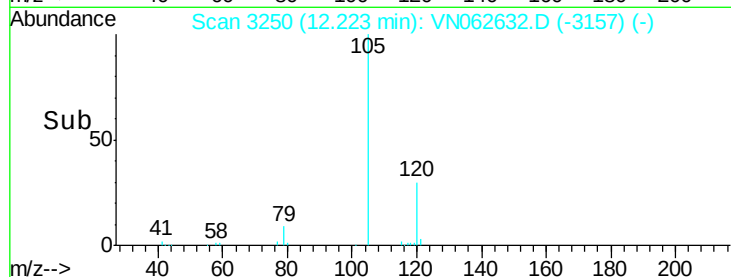
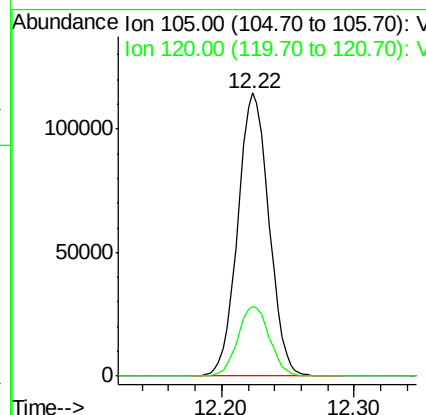
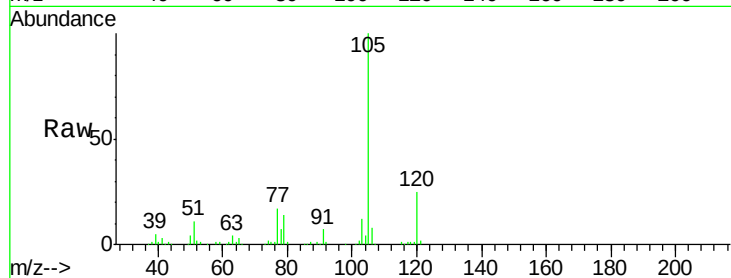
#73
Isopropylbenzene
Concen: 20.458 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion: 105 Resp: 187063
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.4

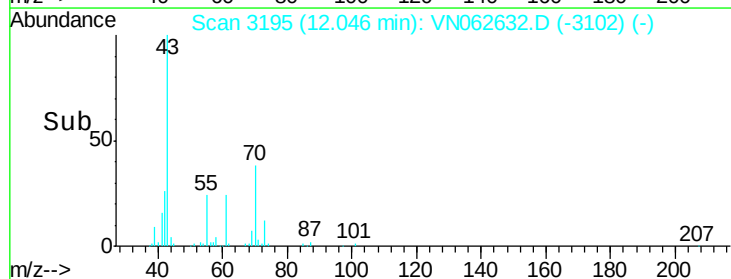
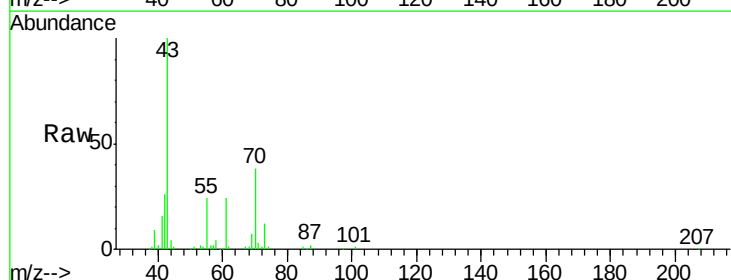
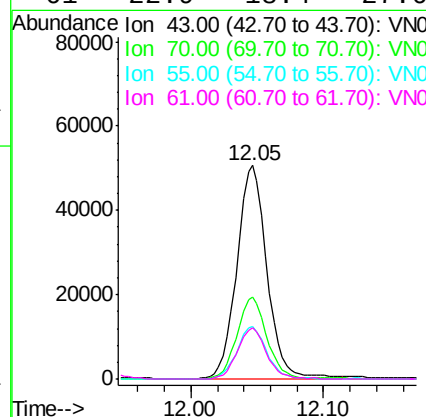
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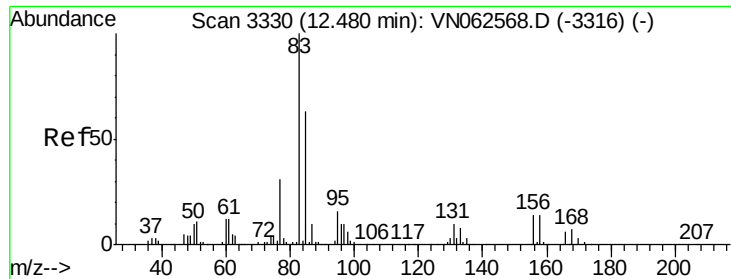
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#74
N-ethyl acetate
Concen: 19.601 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 43 Resp: 80037
Ion Ratio Lower Upper
43 100
70 38.1 30.5 45.7
55 24.4 19.0 28.6
61 22.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.258 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

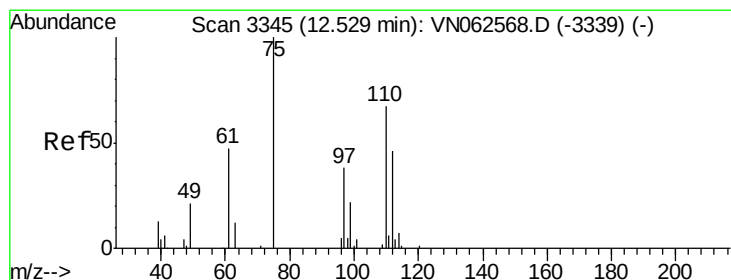
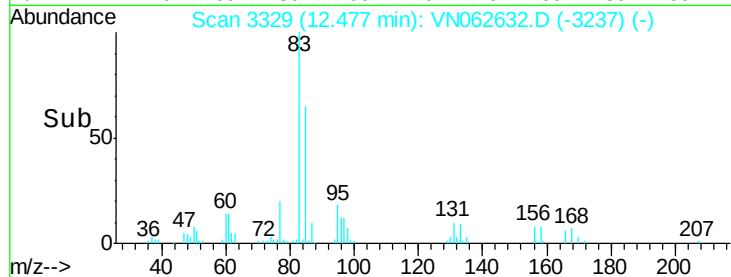
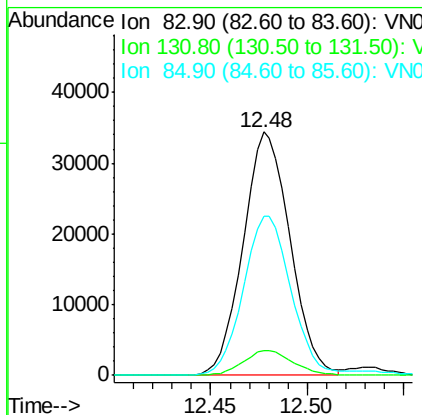
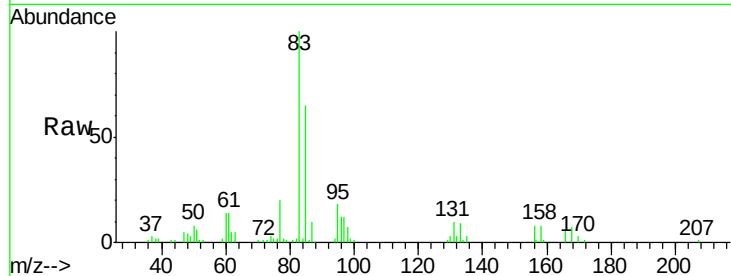
ClientSampleId :

VN0728WBSD01

Tgt Ion:	83	Resp:	58014
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.8	14.3
85	66.5	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 20.156 ug/l m

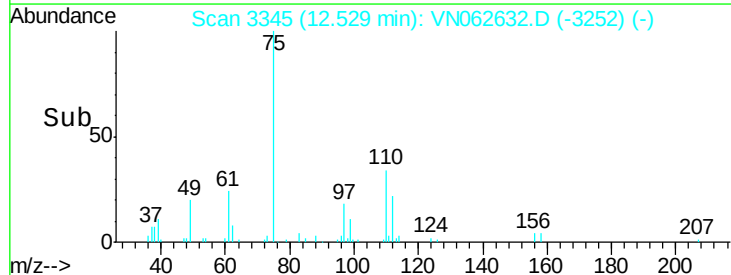
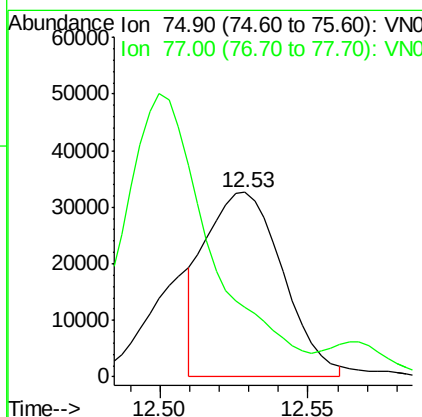
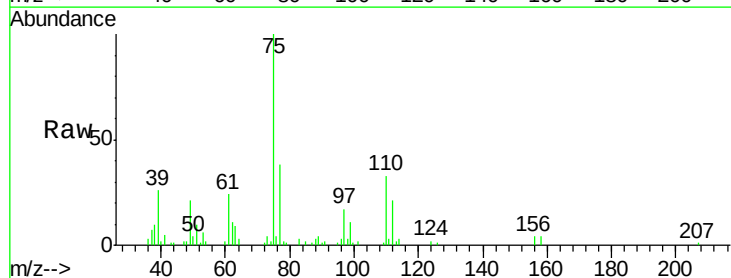
RT: 12.53 min Scan# 3345

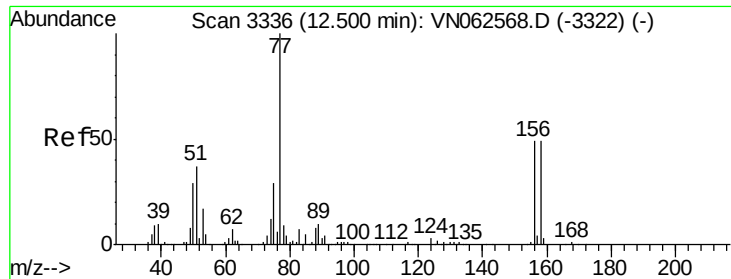
Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion:	75	Resp:	59326
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.986 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

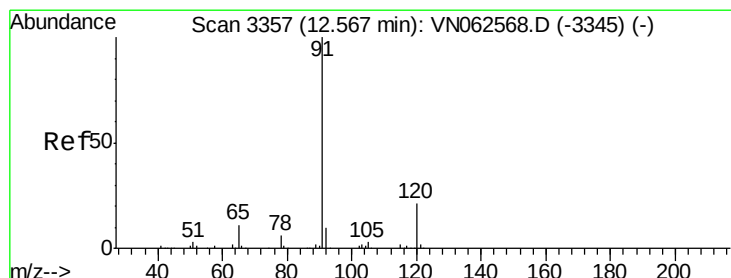
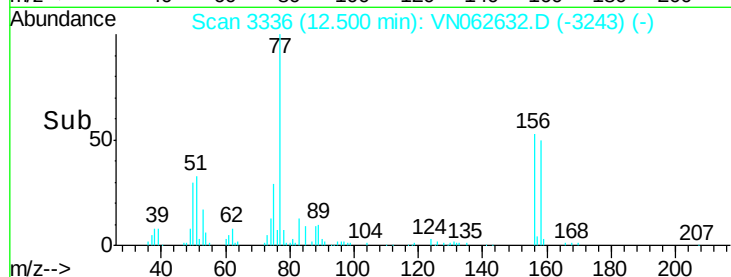
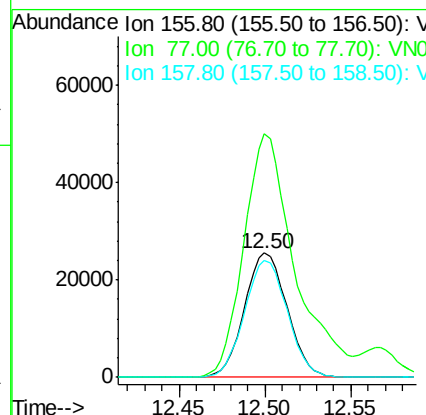
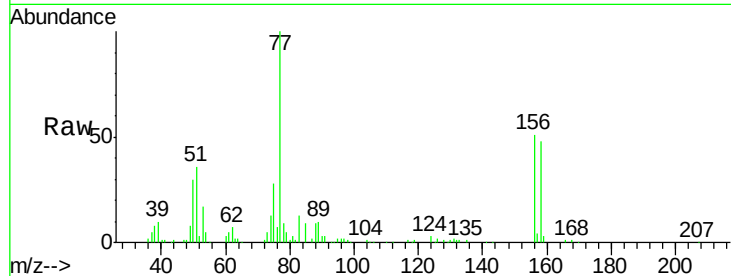
ClientSampleId :

VN0728WBSD01

Tgt Ion:156 Resp: 43916
 Ion Ratio Lower Upper
 156 100
 77 235.2 122.8 368.3
 158 94.9 49.4 148.0

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#78

n-propylbenzene

Concen: 19.871 ug/l

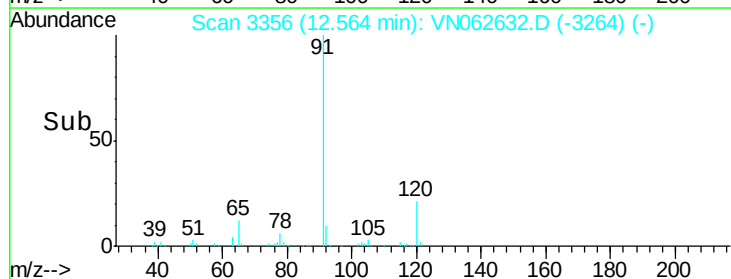
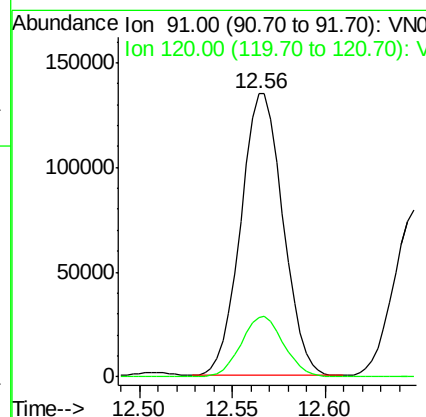
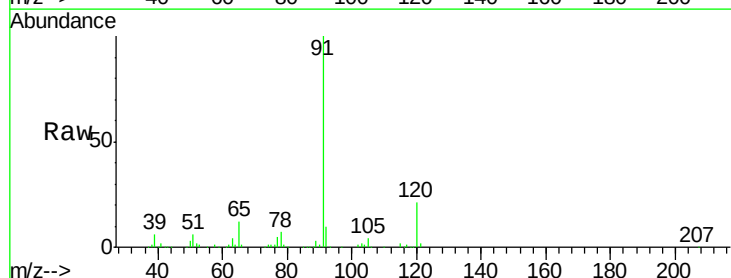
RT: 12.56 min Scan# 3356

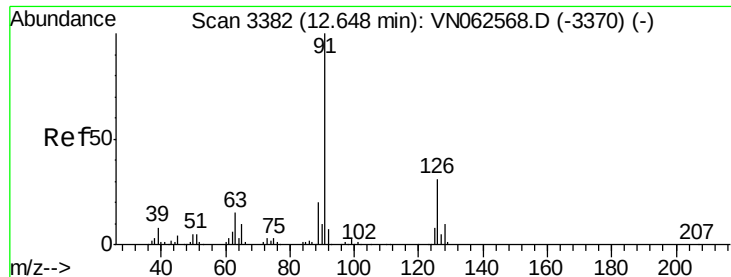
Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion: 91 Resp: 212829
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.9 32.6





#79

2-Chlorotoluene

Concen: 19.983 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 91 Resp: 131898

Ion Ratio Lower Upper

91 100

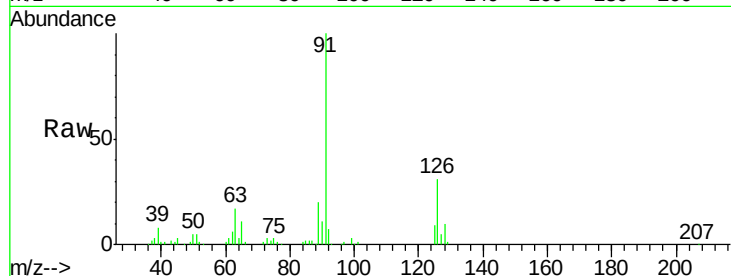
126 30.9 15.9 47.6

Manual Integrations

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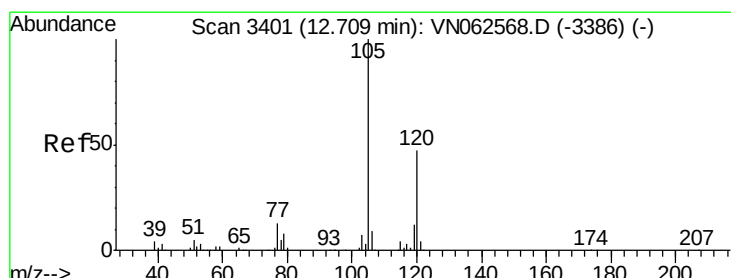
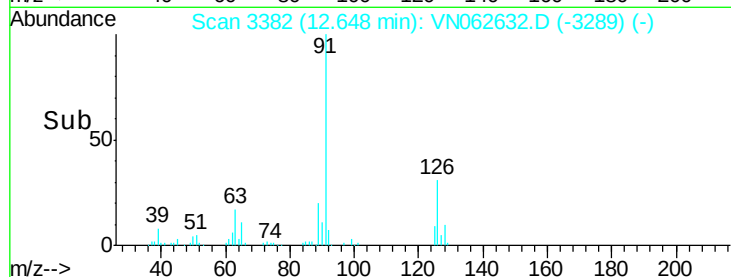
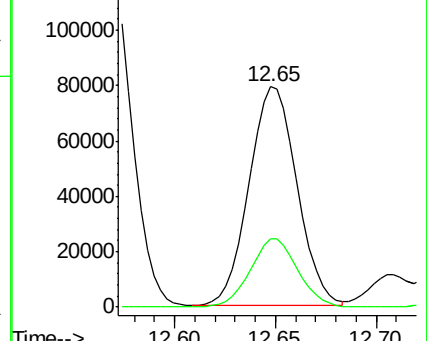
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Abundance Ion 91.00 (90.70 to 91.70): VN062632.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062632.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.127 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062632.D

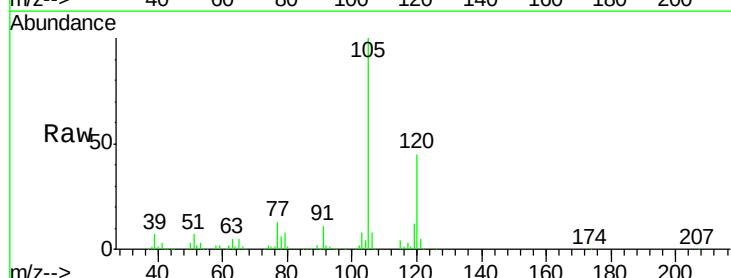
Acq: 28 Jul 2020 14:10

Tgt Ion: 105 Resp: 160242

Ion Ratio Lower Upper

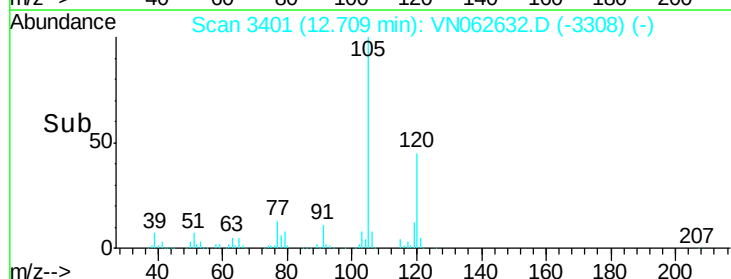
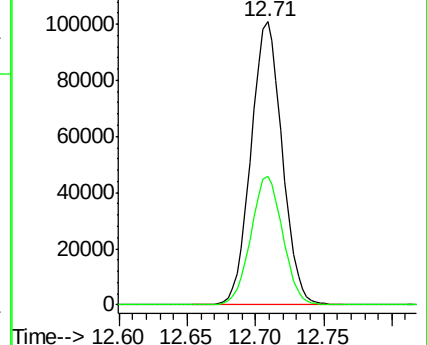
105 100

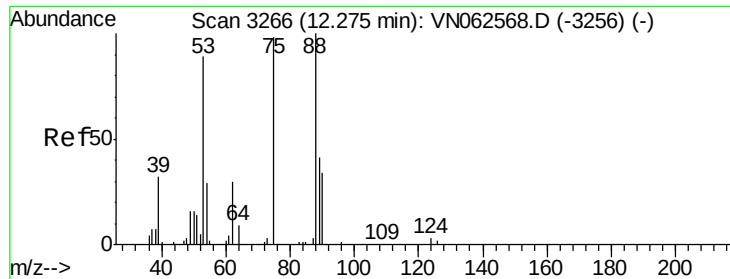
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062632.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062632.D (-3401) (-)





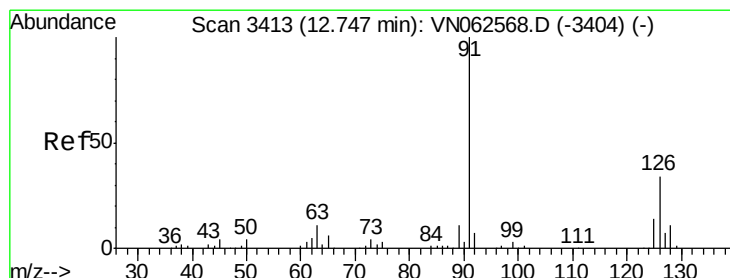
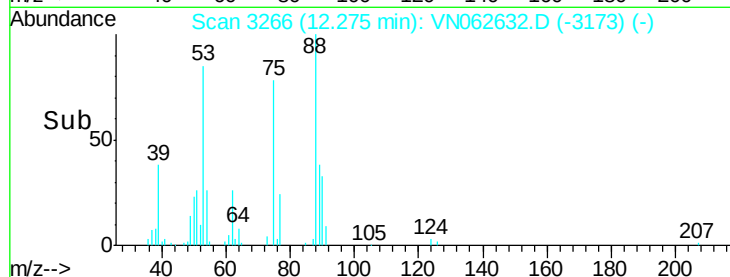
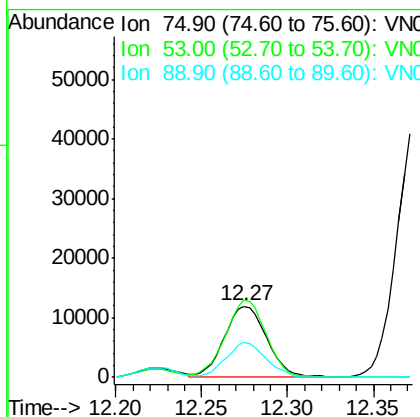
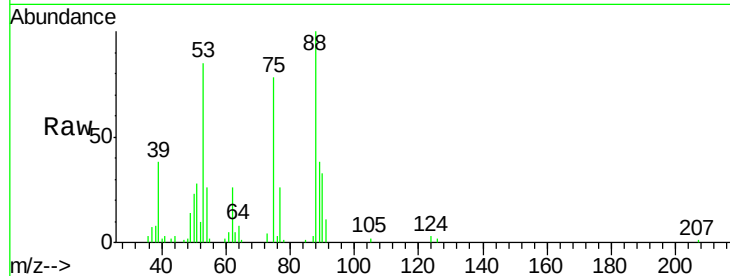
#81
trans-1,4-Dichloro-2-butene
Concen: 19.540 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.6	75.4	113.0
89	46.3	34.5	51.7

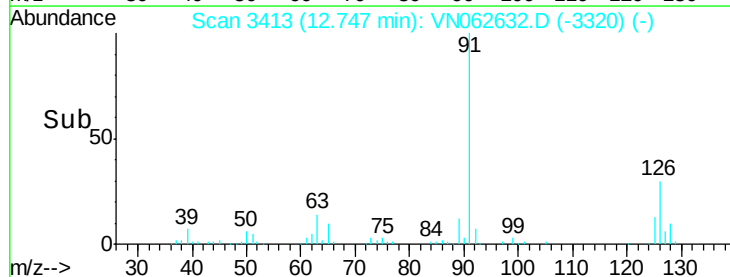
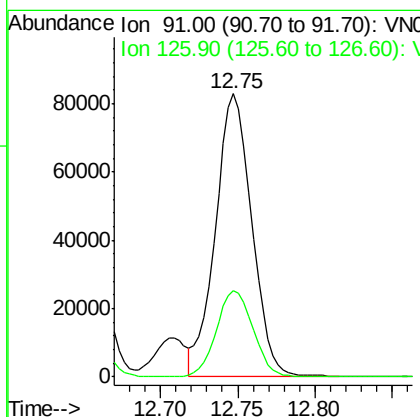
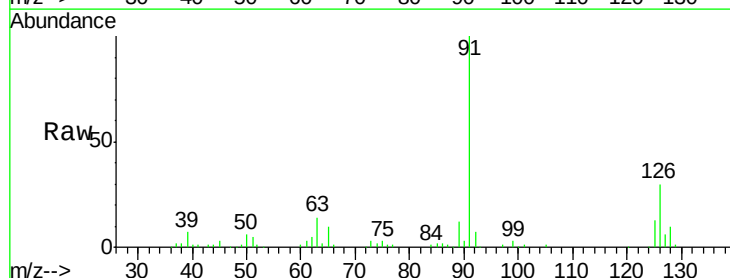
Manual Integrations
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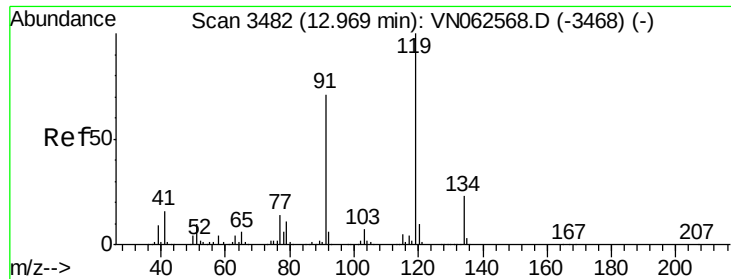
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7/29/2020 7:06:24 PM



#82
4-Chlorotoluene
Concen: 19.578 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





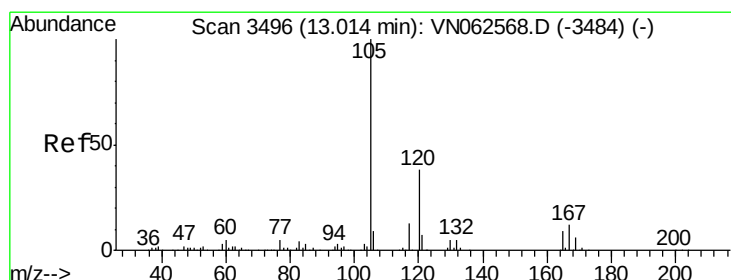
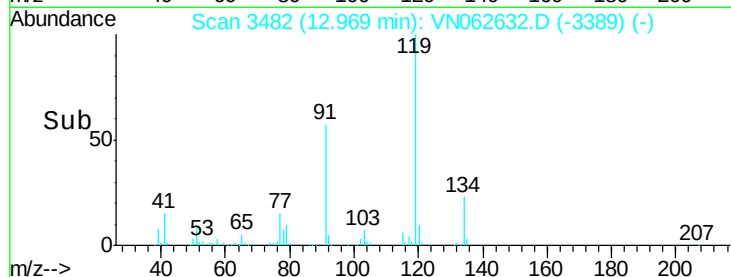
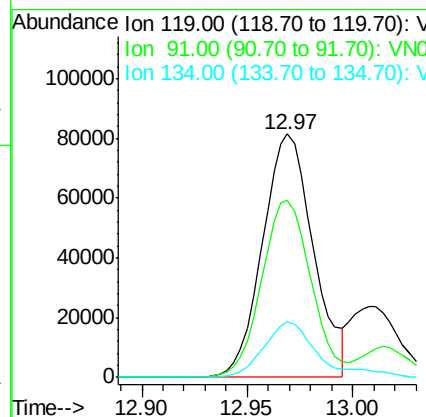
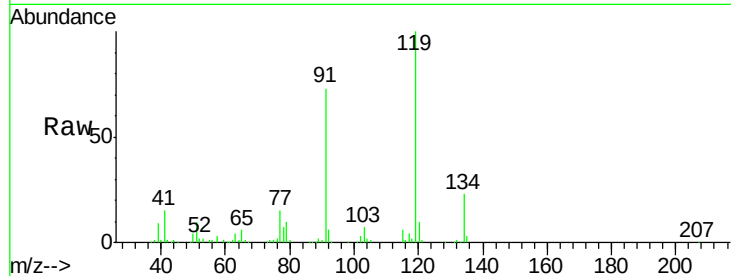
#83
 tert-Butylbenzene
 Concen: 21.736 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	136895		
91	71.0	34.6	103.8	
134	22.2	11.5	34.4	

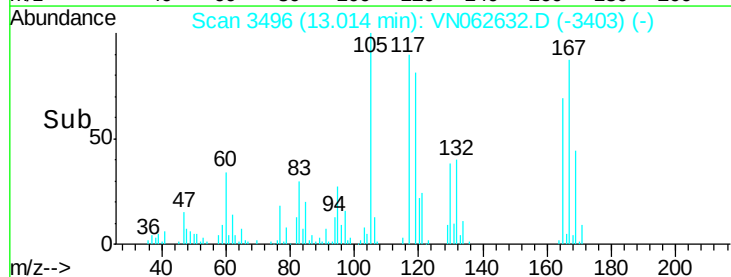
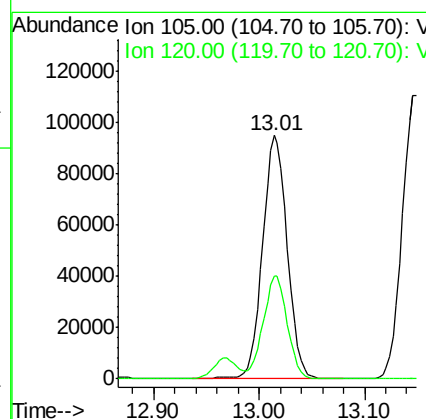
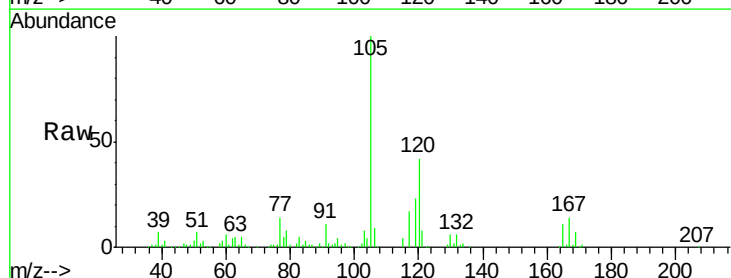
Manual Integrations
 APPROVED

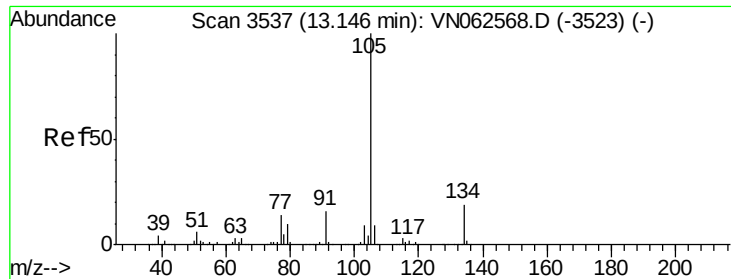
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.855 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155175		
120	41.4	22.1	66.3	





#85

sec-Butylbenzene

Concen: 20.996 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion:105 Resp: 177028

Ion Ratio Lower Upper

105 100

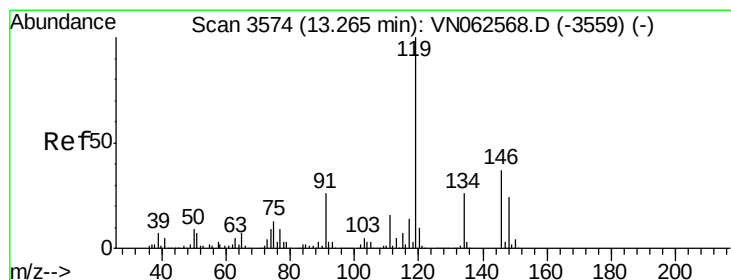
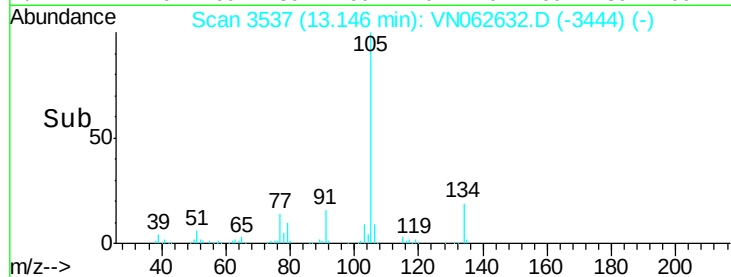
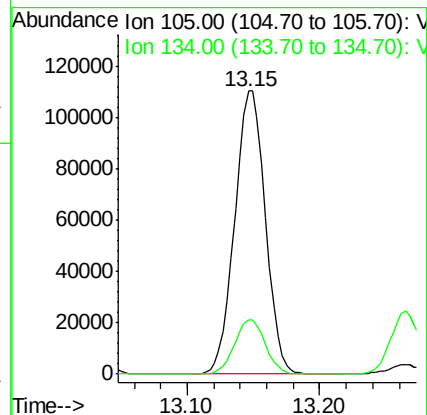
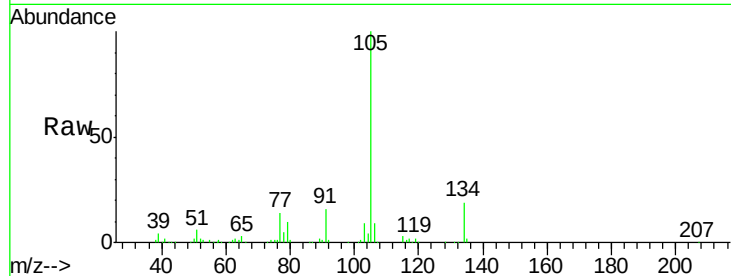
134 19.1 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.333 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

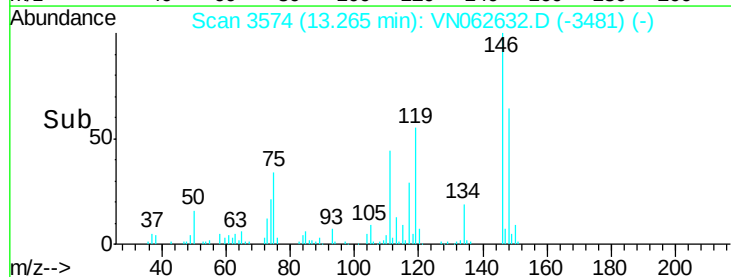
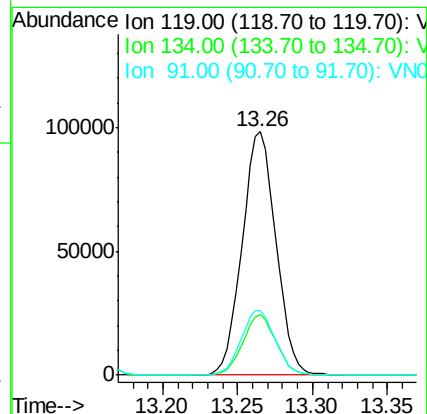
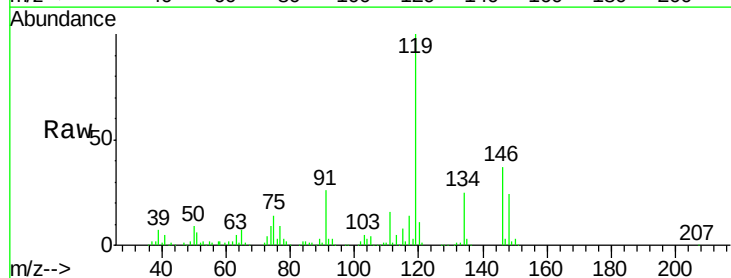
Tgt Ion:119 Resp: 154702

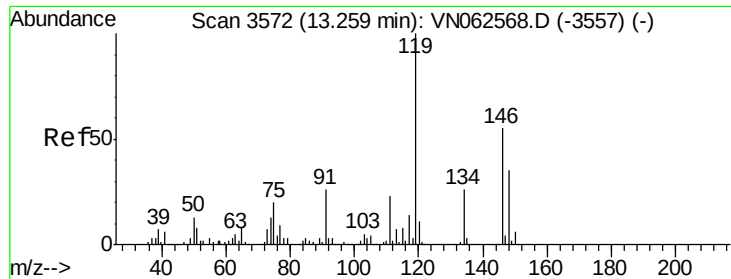
Ion Ratio Lower Upper

119 100

134 24.5 12.8 38.4

91 26.8 12.7 38.1





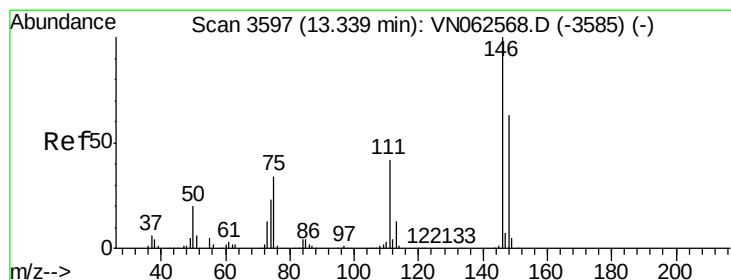
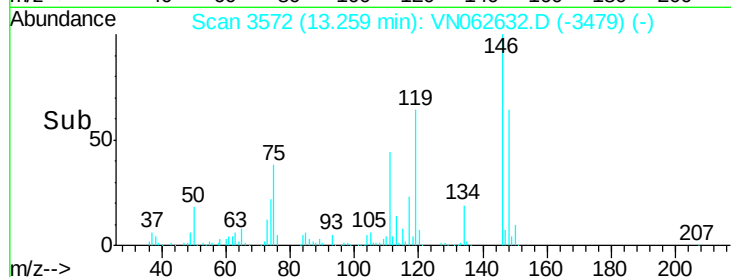
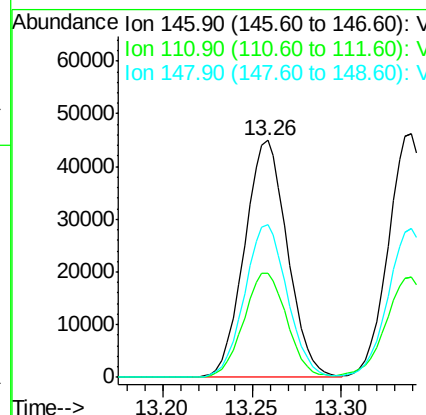
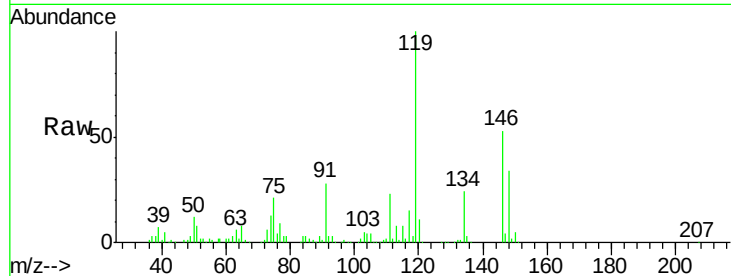
#87
 1,3-Dichlorobenzene
 Concen: 19.641 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.6	64.6
148	64.1	31.8	95.4

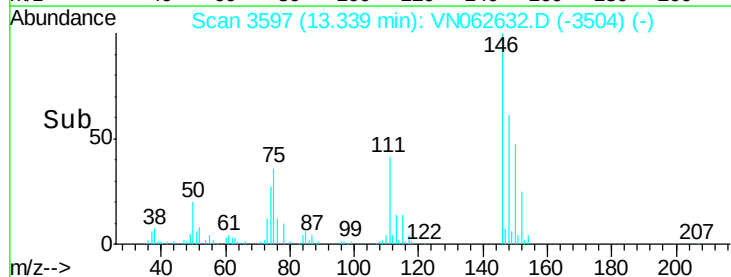
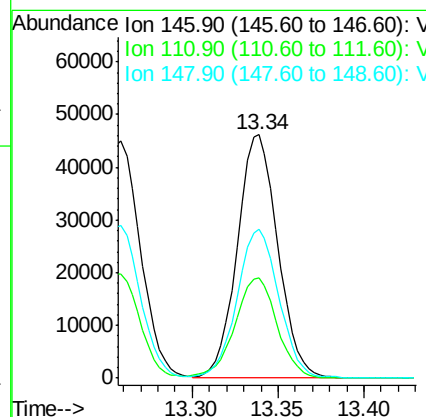
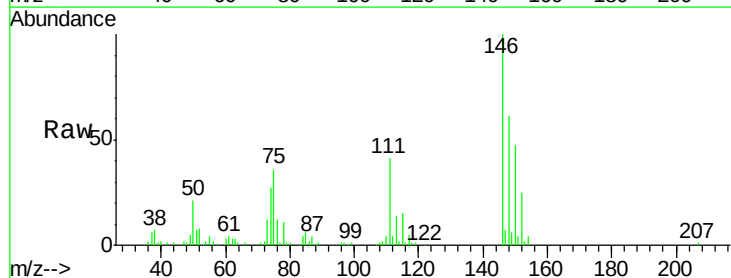
Manual Integrations
 APPROVED

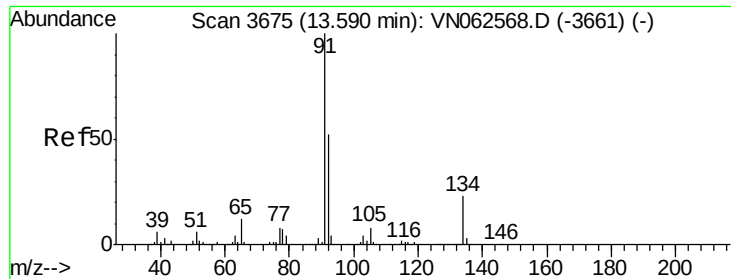
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#88
 1,4-Dichlorobenzene
 Concen: 20.002 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.1
148	63.1	31.6	94.8





#89

n-Butylbenzene

Concen: 19.623 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

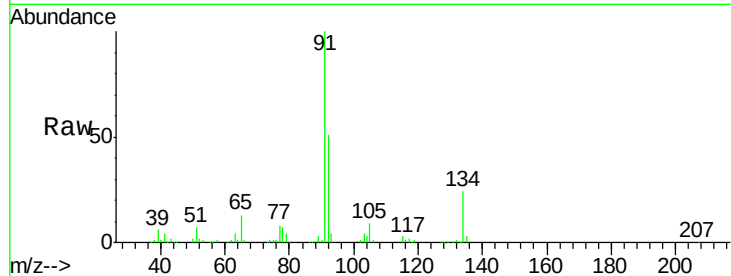
ClientSampleId :

VN0728WBSD01

Tgt Ion:	91	Resp:	122273
Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.8	77.3
134	23.4	11.8	35.3

Manual Integrations
APPROVED

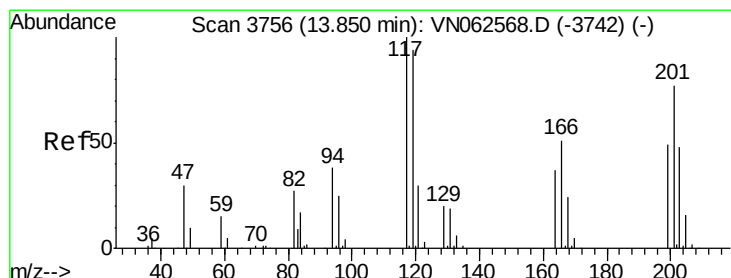
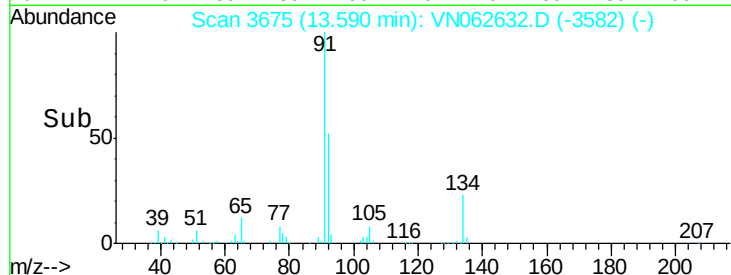
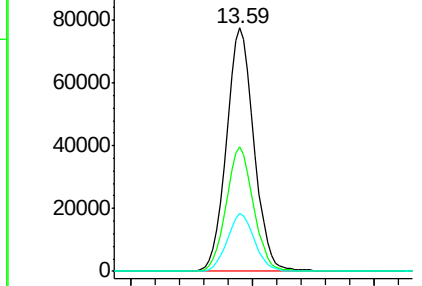
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Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062568.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062568.D (-3661) (-)



#90

Hexachloroethane

Concen: 19.539 ug/l

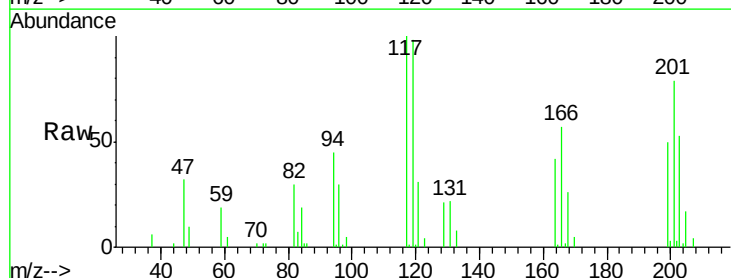
RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062632.D

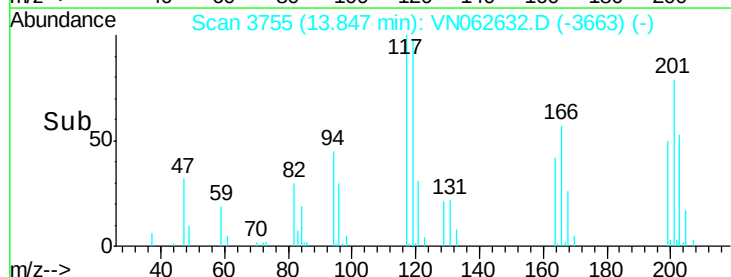
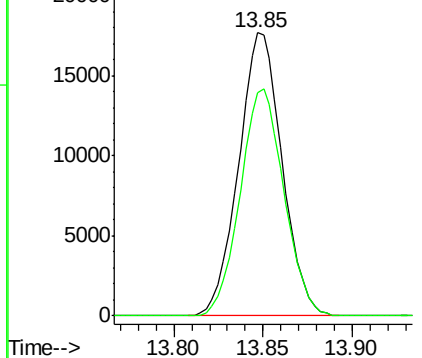
Acq: 28 Jul 2020 14:10

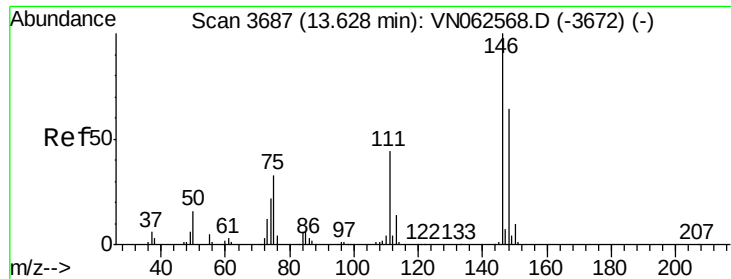
Tgt Ion:	117	Resp:	30164
Ion	Ratio	Lower	Upper
117	100		
201	80.5	39.2	117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062568.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062568.D (-3742) (-)





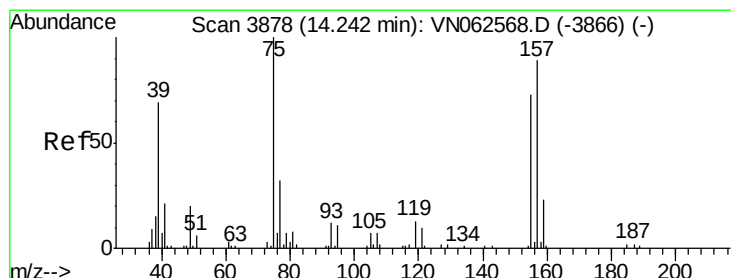
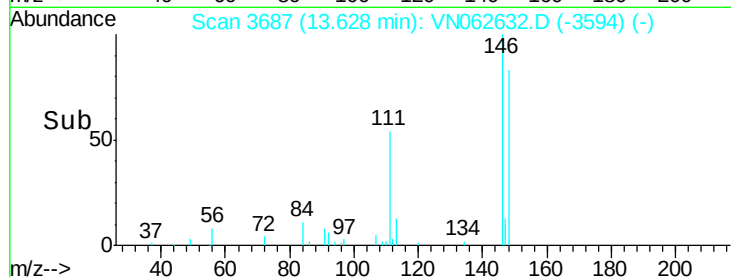
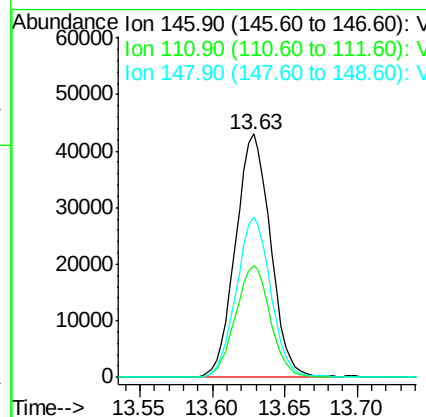
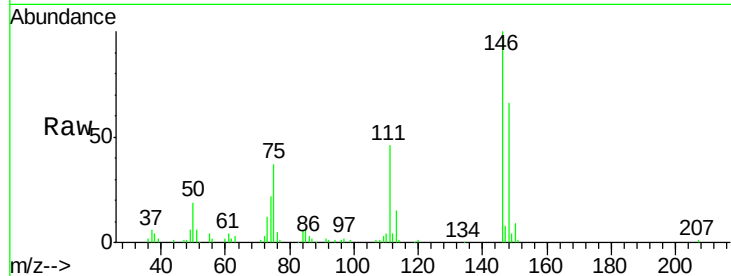
#91
 1,2-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.9	65.8
148	64.9	31.6	94.7

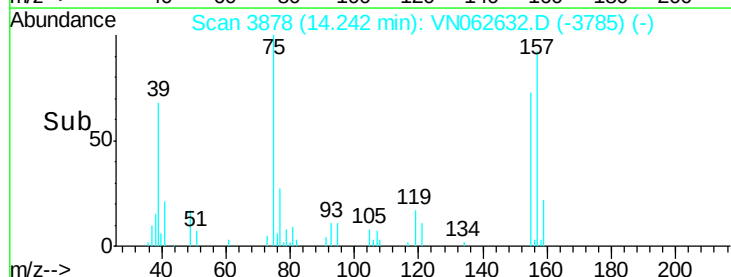
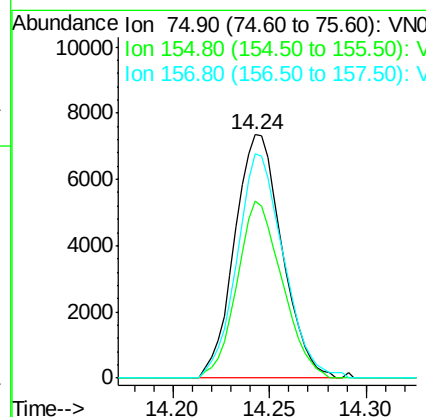
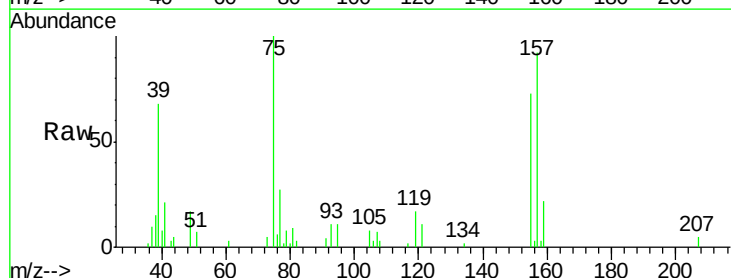
Manual Integrations
 APPROVED

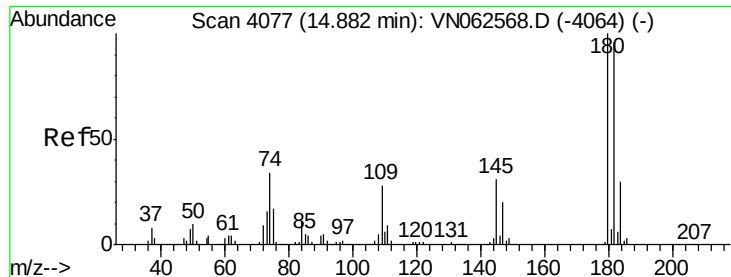
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.696 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.1	35.9	107.5
157	90.6	45.0	135.0





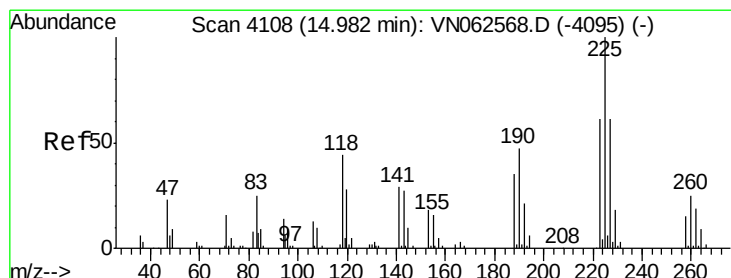
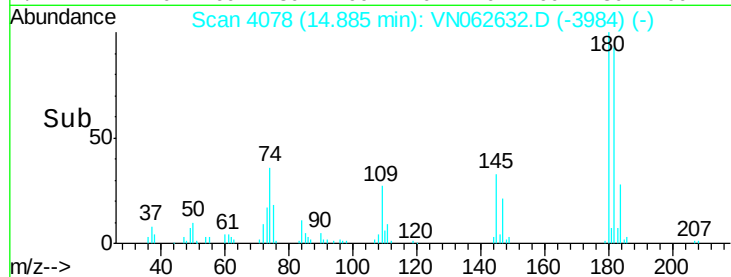
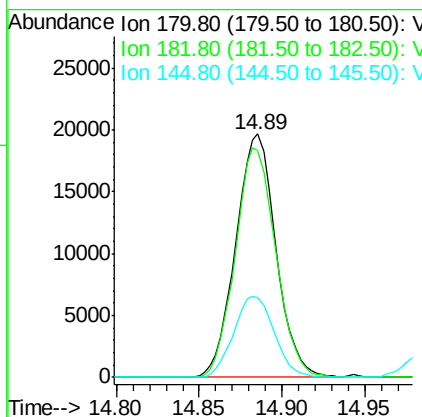
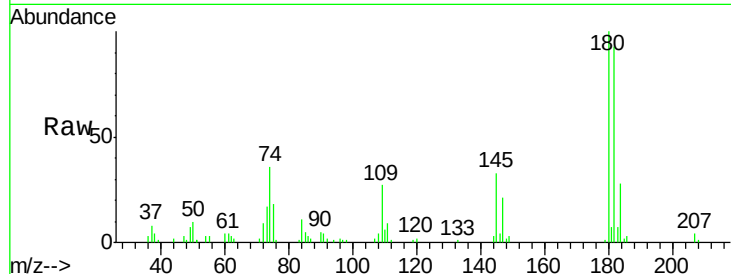
#93
 1,2,4-Trichlorobenzene
 Concen: 19.176 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	33220		
182	94.6	47.8	143.3	
145	33.5	15.3	45.9	

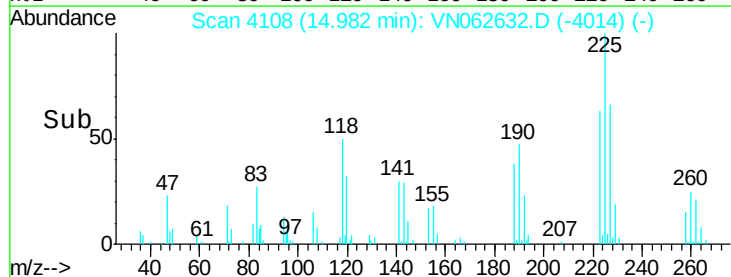
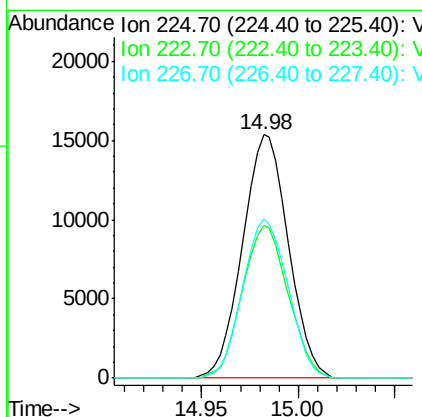
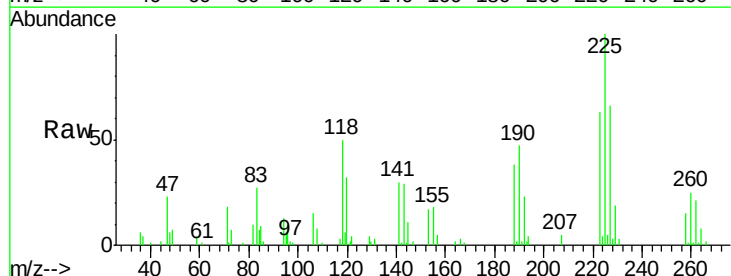
Manual Integrations
 APPROVED

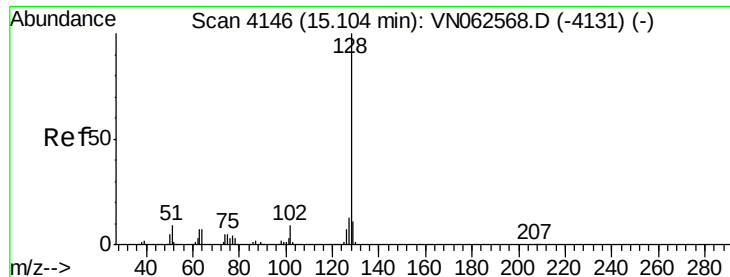
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#94
 Hexachlorobutadiene
 Concen: 25.184 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25336		
223	62.7	32.0	96.0	
227	64.5	31.1	93.2	





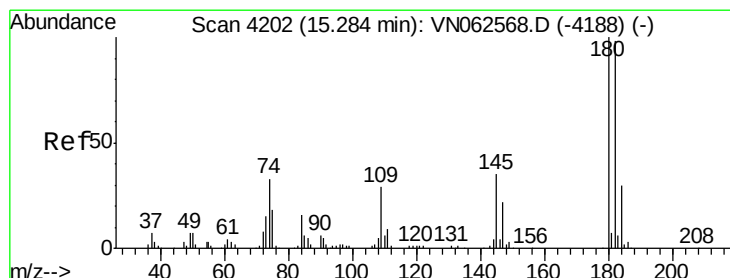
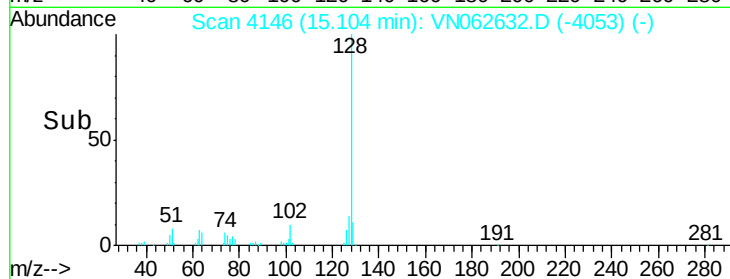
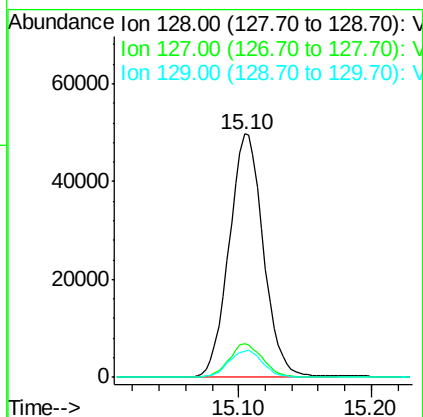
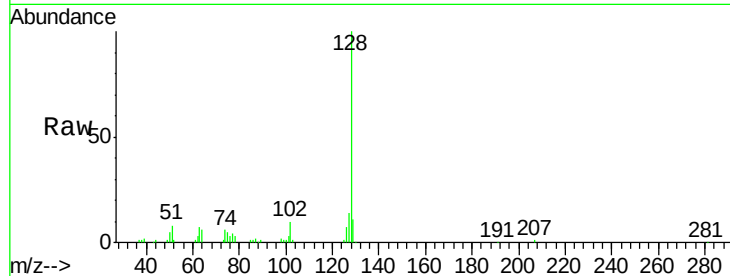
#95
Naphthalene
Concen: 19.825 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.318 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	34.2	16.7	50.1

