

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062584.D
 Acq On : 21 Jul 2020 20:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 7/22/2020 2:45:53 PM

Quant Time: Jul 22 06:19:42 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	197111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	155338	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	7.55	113	112222	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
50) Toluene-d8	10.06	98	435525	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.38	95	158021	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	112193	47.718	ug/l	100
3) Chloromethane	2.04	50	160924	50.463	ug/l	96
4) Vinyl Chloride	2.16	62	140202	50.716	ug/l	99
5) Bromomethane	2.52	94	61373	50.124	ug/l	100
6) Chloroethane	2.66	64	64201	51.341	ug/l	99
7) Trichlorofluoromethane	2.98	101	164125	50.566	ug/l	100
8) Diethyl Ether	3.37	74	82115	54.100	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	103368	49.672	ug/l	100
10) Methyl Iodide	3.91	142	146844	55.194	ug/l	100
11) Tert butyl alcohol	4.74	59	131883	270.747	ug/l	99
12) 1,1-Dichloroethene	3.69	96	108278	51.303	ug/l	98
13) Acrolein	3.57	56	127133	250.261	ug/l	98
14) Allyl chloride	4.27	41	242758	53.174	ug/l	100
15) Acrylonitrile	4.93	53	374582	287.101	ug/l	99
16) Acetone	3.78	43	304103	263.918	ug/l	99
17) Carbon Disulfide	4.01	76	340644	49.123	ug/l	100
18) Methyl Acetate	4.28	43	169352	58.056	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	425243	54.742	ug/l	98
20) Methylene Chloride	4.50	84	138758	50.209	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	121439	51.843	ug/l	99
22) Diisopropyl ether	5.90	45	494160	54.455	ug/l	98
23) Vinyl Acetate	5.84	43	2104683	283.054	ug/l	99
24) 1,1-Dichloroethane	5.80	63	261927	53.600	ug/l	99
25) 2-Butanone	6.79	43	494864	281.996	ug/l	100
26) 2,2-Dichloropropane	6.78	77	190228	47.420	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	140952	52.733	ug/l	99
28) Bromochloromethane	7.15	49	129289	53.761	ug/l	99
29) Tetrahydrofuran	7.17	42	343729	289.471	ug/l	99
30) Chloroform	7.33	83	245242	52.783	ug/l	97
31) Cyclohexane	7.62	56	215576	47.780	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	205186	52.894	ug/l	99
36) 1,1-Dichloropropene	7.75	75	180724	50.077	ug/l	99
37) Ethyl Acetate	6.88	43	208153	53.506	ug/l	100
38) Carbon Tetrachloride	7.73	117	173794	50.099	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	187063	48.152	ug/l	98
40) Benzene	8.00	78	557618	51.036	ug/l	99
41) Methacrylonitrile	7.13	41	92855m	55.692	ug/l	
42) 1,2-Dichloroethane	8.08	62	208706	52.249	ug/l	100
43) Isopropyl Acetate	8.13	43	339341	54.110	ug/l	100
44) Trichloroethene	8.80	130	123692	50.201	ug/l	98
45) 1,2-Dichloropropane	9.08	63	161195	52.546	ug/l	97
46) Dibromomethane	9.17	93	94247	53.156	ug/l	98
47) Bromodichloromethane	9.37	83	198807	51.756	ug/l	99
48) Methyl methacrylate	9.17	41	167454	56.170	ug/l	99
49) 1,4-Dioxane	9.17	88	51513	1125.043	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1067329	284.439	ug/l	100
52) Toluene	10.12	92	332216	52.364	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	226106	52.877	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	242129	52.770	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	131110	53.277	ug/l	98
56) Ethyl methacrylate	10.40	69	224727	50.826	ug/l	100
57) 1,3-Dichloropropane	10.68	76	238029	52.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	353066	264.117	ug/l	100
59) 2-Hexanone	10.72	43	780101	268.593	ug/l	100
60) Dibromochloromethane	10.87	129	144172	52.515	ug/l	97
61) 1,2-Dibromoethane	10.98	107	134903	52.645	ug/l	98
64) Tetrachloroethene	10.60	164	100457	48.953	ug/l	97
65) Chlorobenzene	11.41	112	339396	51.257	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	128378	51.537	ug/l	98
67) Ethyl Benzene	11.48	91	635048	52.308	ug/l	99
68) m/p-Xylenes	11.59	106	456659	104.651	ug/l	99
69) o-Xylene	11.92	106	220989	53.331	ug/l	99
70) Styrene	11.94	104	380058	54.296	ug/l	98
71) Bromoform	12.10	173	102262	54.677	ug/l #	98
73) Isopropylbenzene	12.22	105	594355	51.469	ug/l	99
74) N-amyl acetate	12.05	43	300516	58.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	205360	51.176	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	196498m	52.860	ug/l	
77) Bromobenzene	12.50	156	141348	50.934	ug/l	98
78) n-propylbenzene	12.57	91	697867	51.592	ug/l	99
79) 2-Chlorotoluene	12.65	91	424368	50.907	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	504108	52.627	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	71036	53.196	ug/l	99
82) 4-Chlorotoluene	12.75	91	431874	49.773	ug/l	100
83) tert-Butylbenzene	12.97	119	419821	52.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	498392	53.038	ug/l	99
85) sec-Butylbenzene	13.15	105	550425	51.690	ug/l	99
86) p-Isopropyltoluene	13.26	119	482989	52.736	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	246254	50.566	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	243906	50.877	ug/l	99
89) n-Butylbenzene	13.59	91	397466	50.507	ug/l	100
90) Hexachloroethane	13.85	117	96144	49.312	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	243474	52.286	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	40640	55.780	ug/l	99

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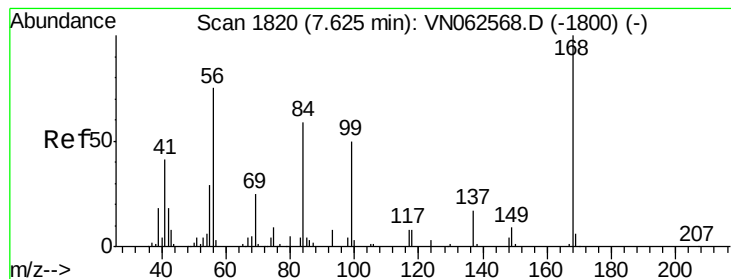
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	108622	44.714	ug/l	98
94) Hexachlorobutadiene	14.98	225	64572	51.269	ug/l	99
95) Naphthalene	15.10	128	297073	46.061	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	114852	52.337	ug/l	98

(#) = 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: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 197111

Ion Ratio Lower Upper

168 100

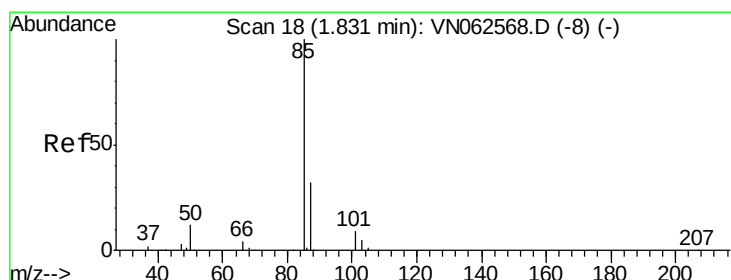
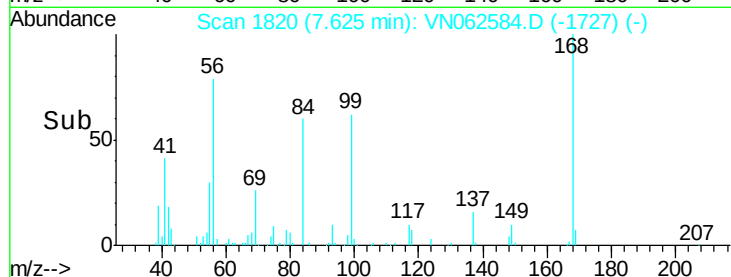
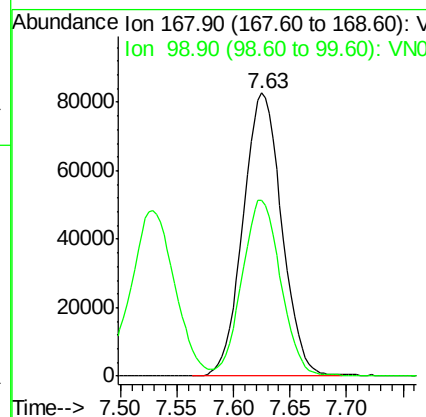
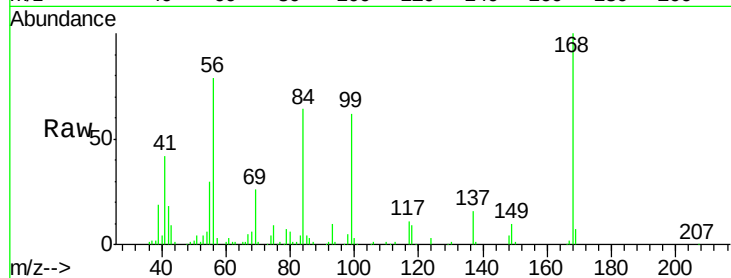
99 61.8 48.4 72.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.718 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062584.D

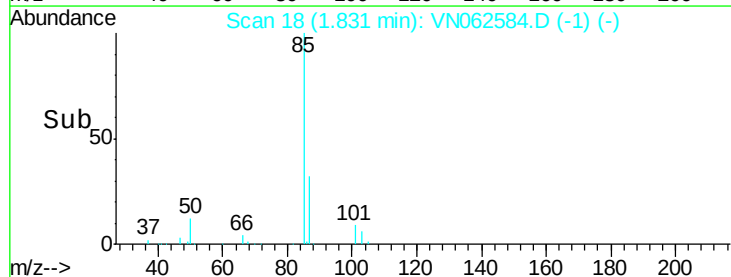
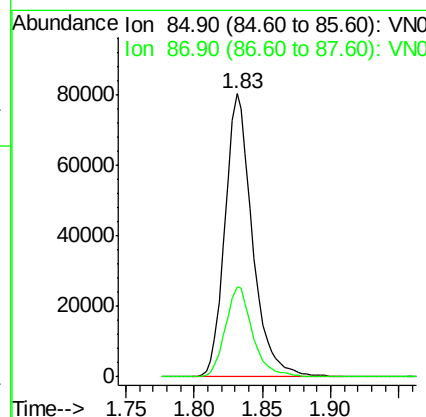
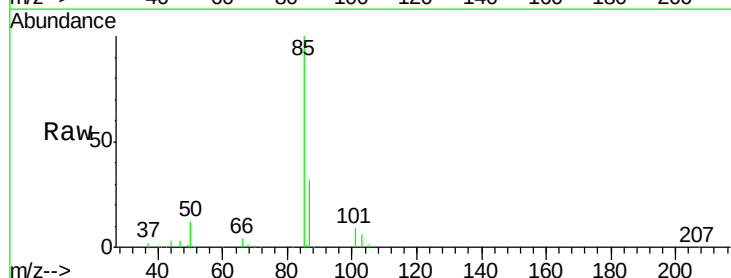
Acq: 21 Jul 2020 20:28

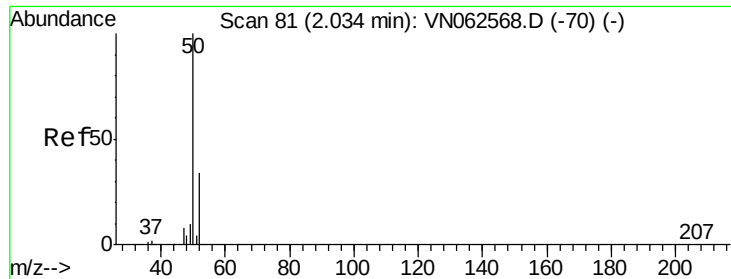
Tgt Ion: 85 Resp: 112193

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0





#3

Chloromethane

Concen: 50.463 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 160924

Ion Ratio Lower Upper

50 100

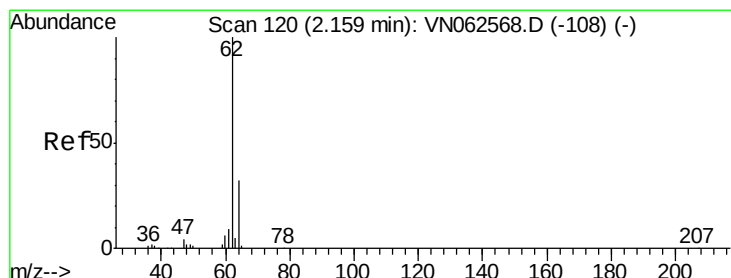
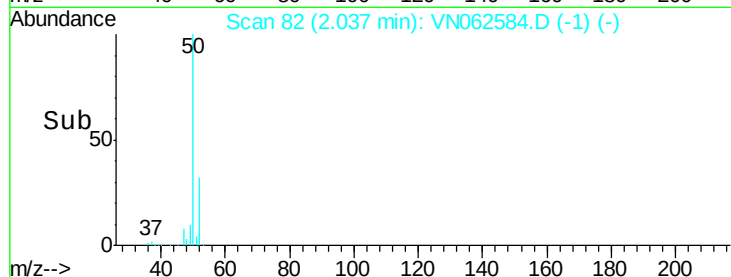
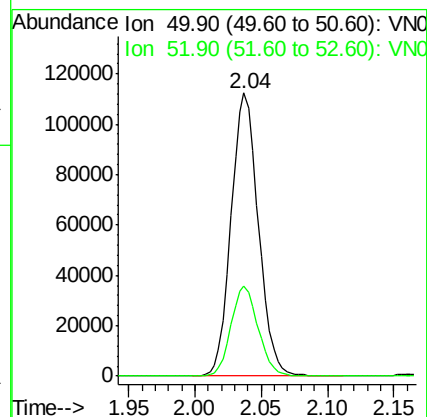
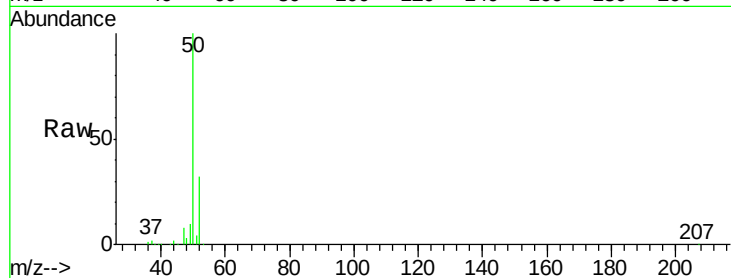
52 31.6 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.716 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062584.D

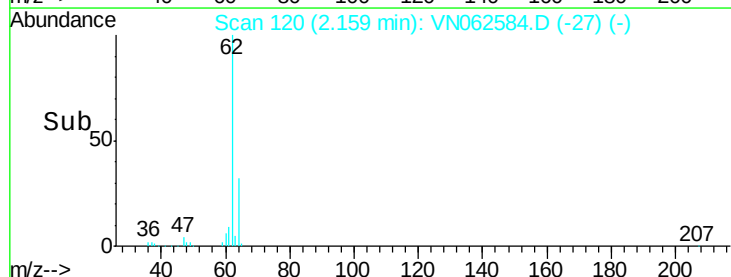
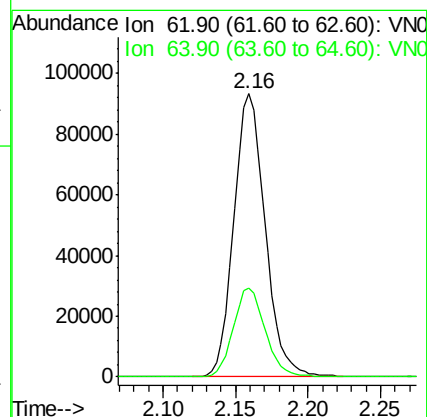
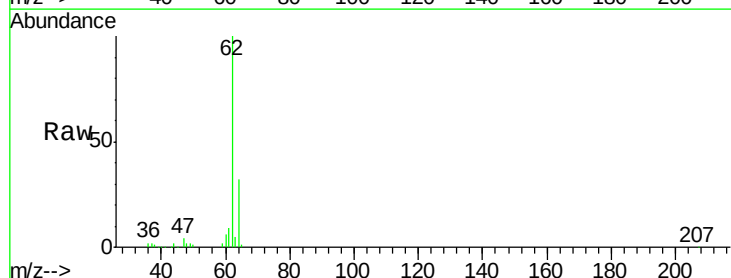
Acq: 21 Jul 2020 20:28

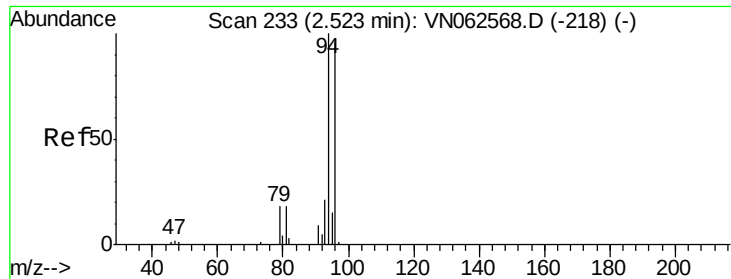
Tgt Ion: 62 Resp: 140202

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 50.124 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61373

Ion Ratio Lower Upper

94 100

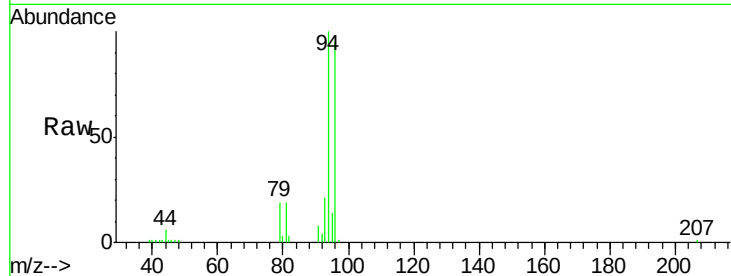
96 95.3 76.6 114.8

Manual Integrations

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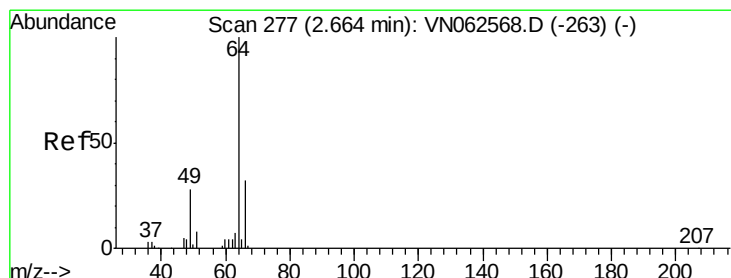
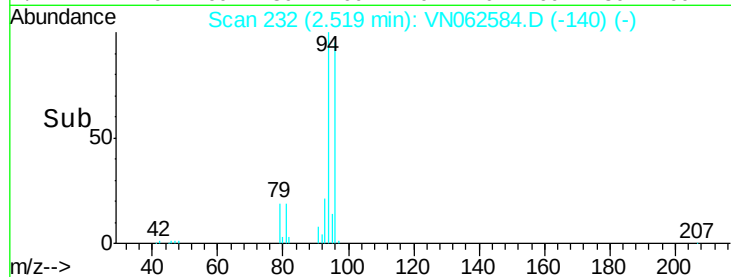
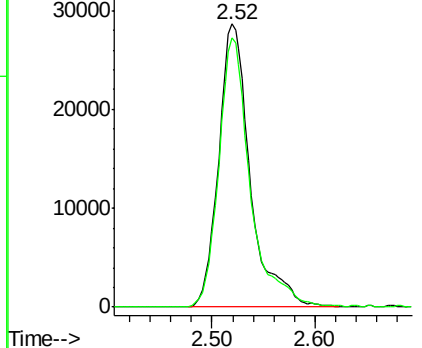
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.341 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062584.D

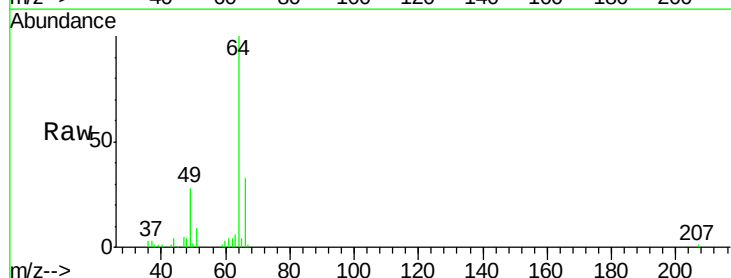
Acq: 21 Jul 2020 20:28

Tgt Ion: 64 Resp: 64201

Ion Ratio Lower Upper

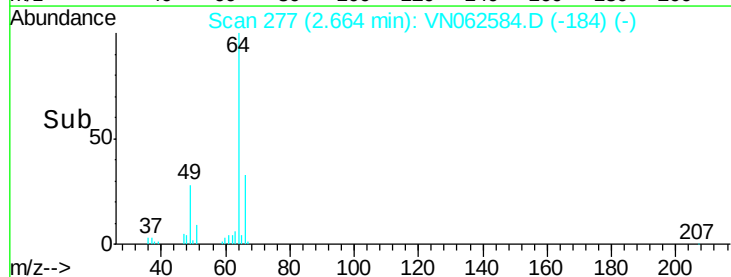
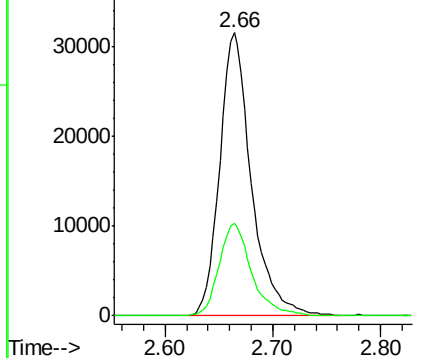
64 100

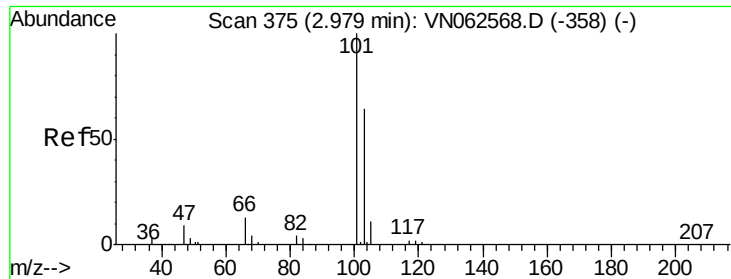
66 32.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

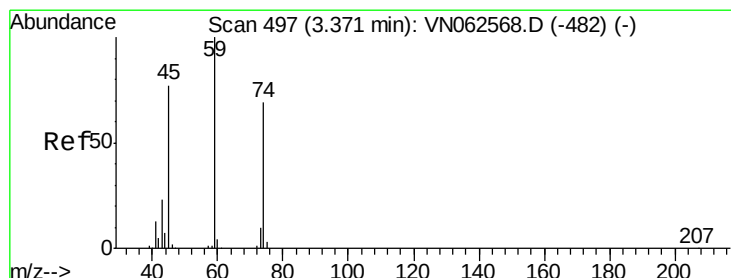
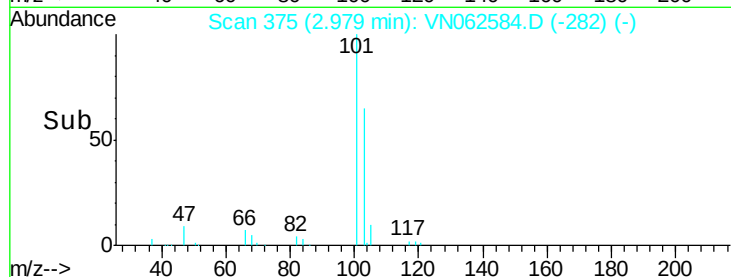
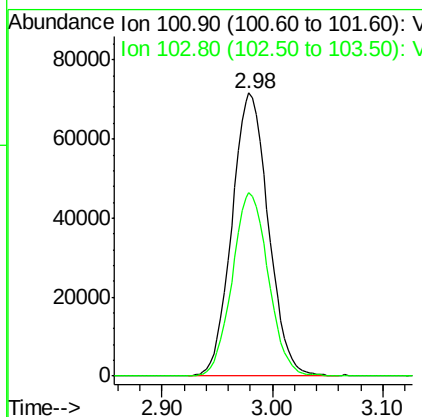
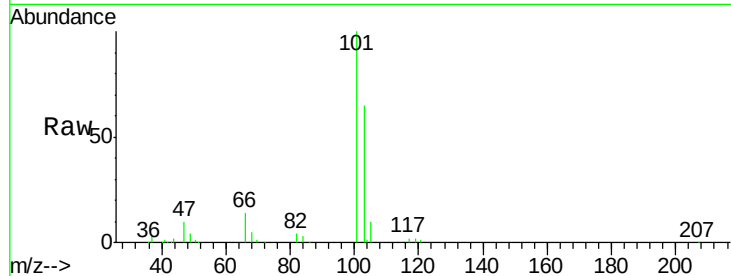
Trichlorofluoromethane
 Concen: 50.566 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.5	77.3

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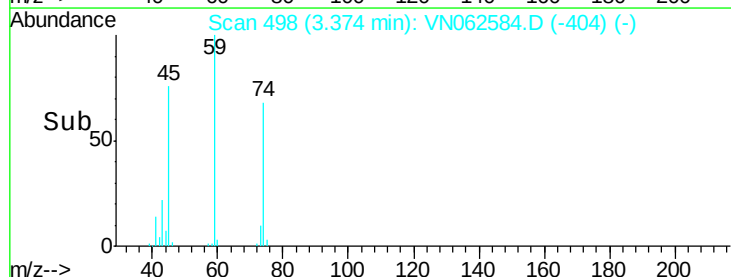
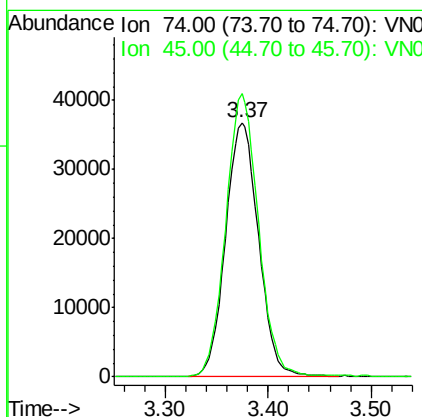
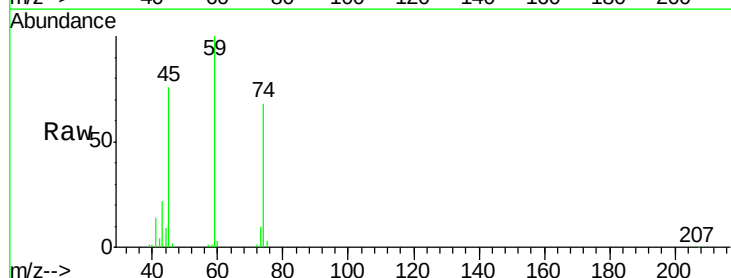
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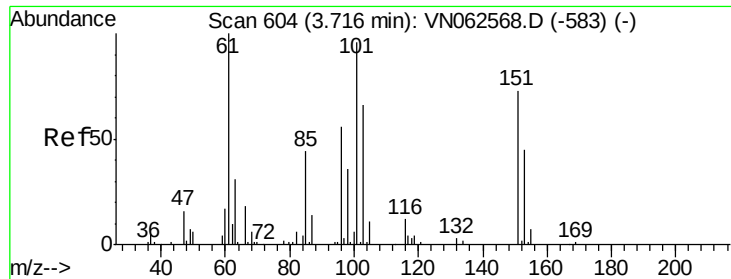


#8

Diethyl Ether
 Concen: 54.100 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.2	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.672 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

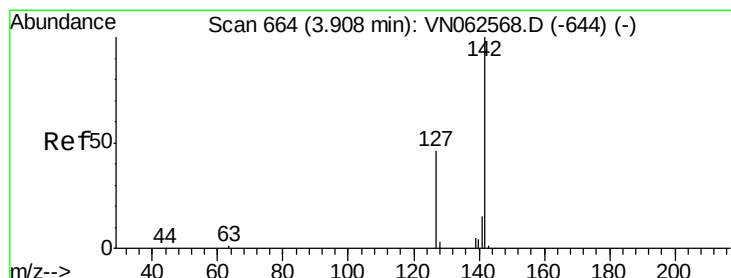
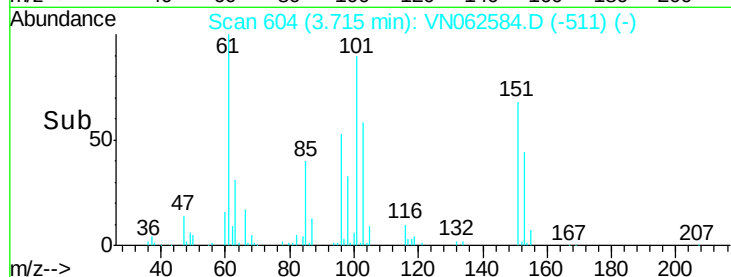
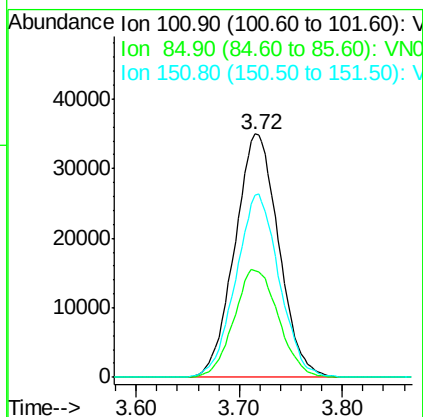
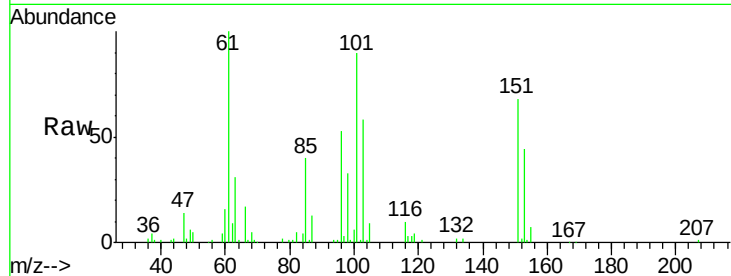
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	103368
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.0	54.0
151	74.6	60.0	90.0

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#10

Methyl Iodide

Concen: 55.194 ug/l

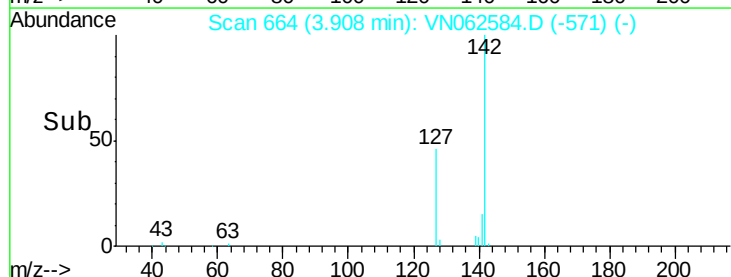
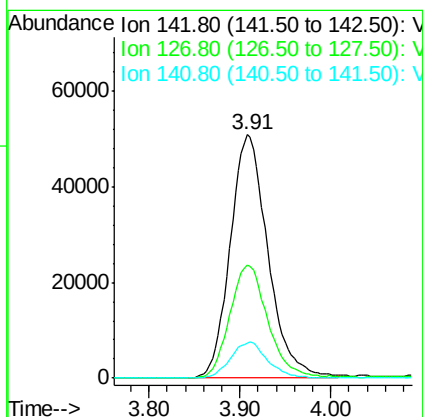
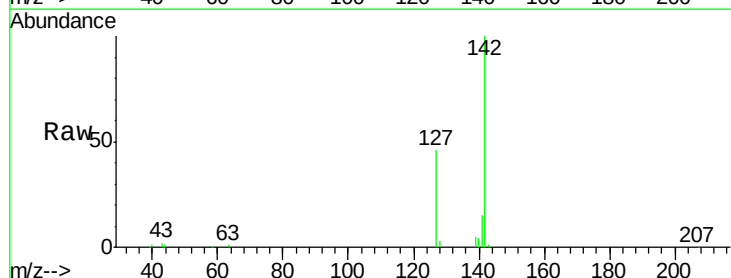
RT: 3.91 min Scan# 664

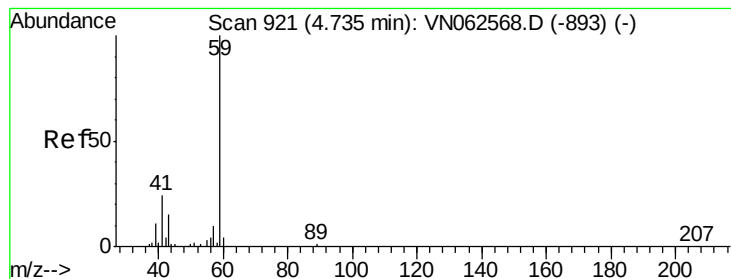
Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Tgt Ion:	142	Resp:	146844
Ion Ratio	Lower	Upper	
142	100		
127	46.7	37.4	56.0
141	14.6	11.9	17.9





#11

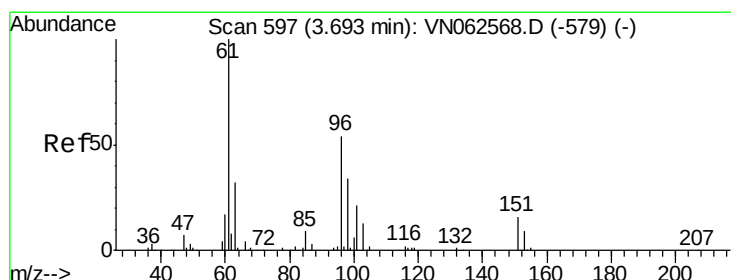
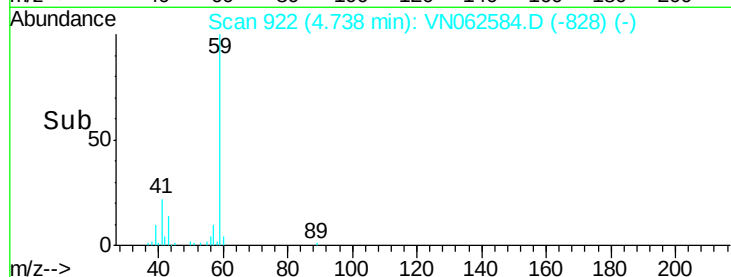
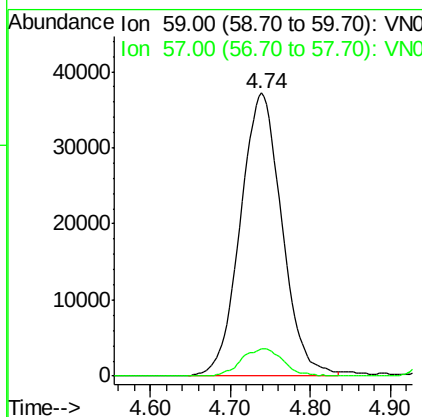
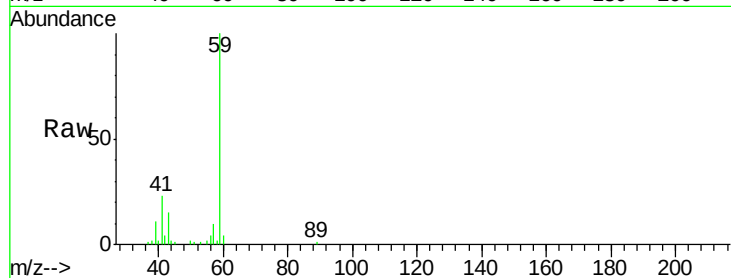
Tert butyl alcohol
 Concen: 270.747 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	131883		
57	9.7		8.2	12.2

Manual Integrations
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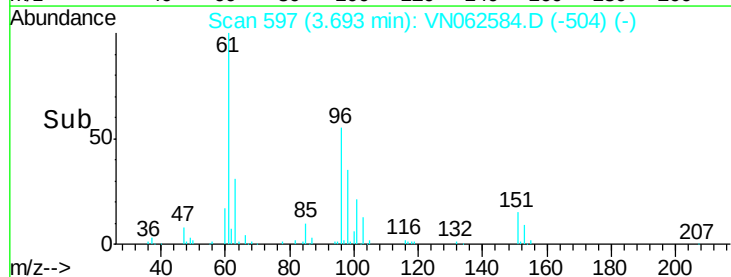
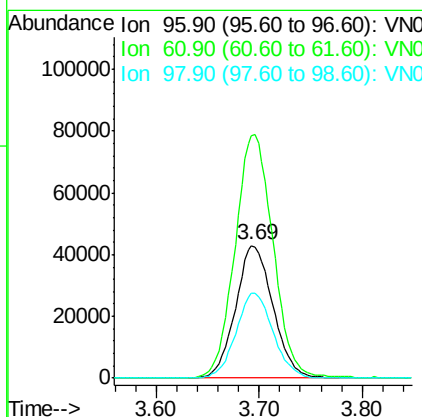
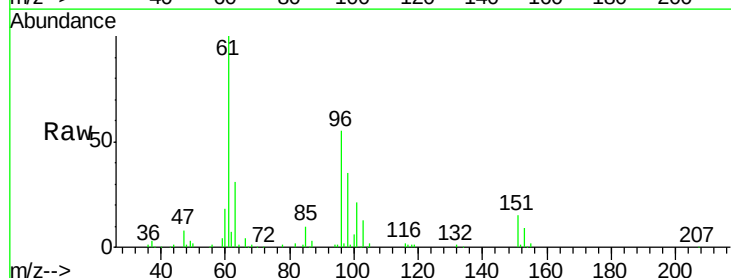
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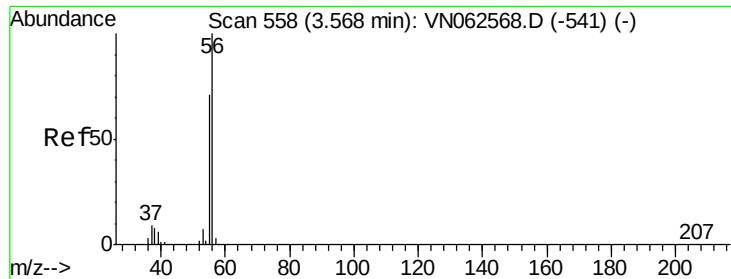


#12

1,1-Dichloroethene
 Concen: 51.303 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	108278		
61	183.2		148.6	222.8
98	64.5		50.6	75.8





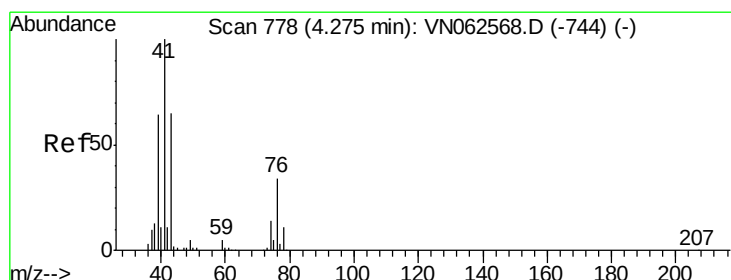
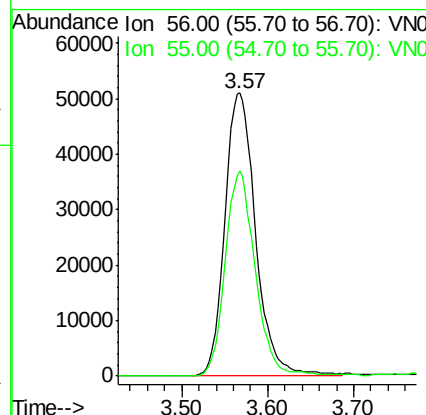
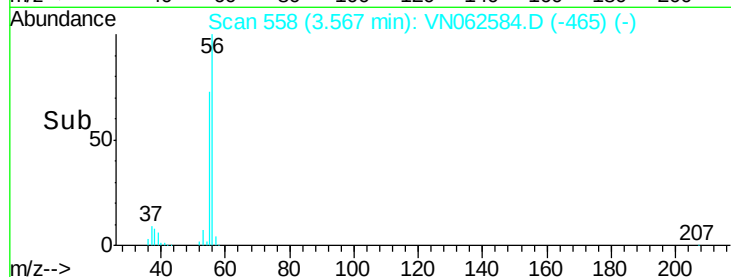
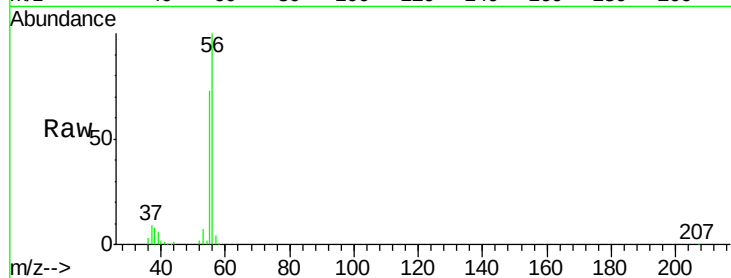
#13
Acrolein
Concen: 250.261 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.0	85.4

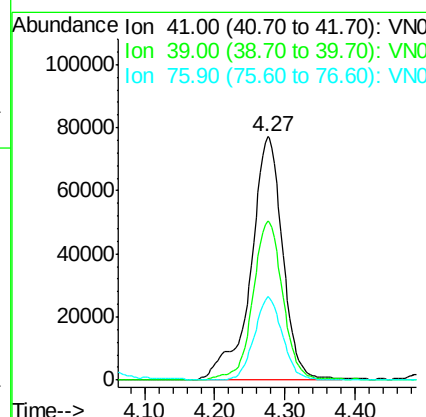
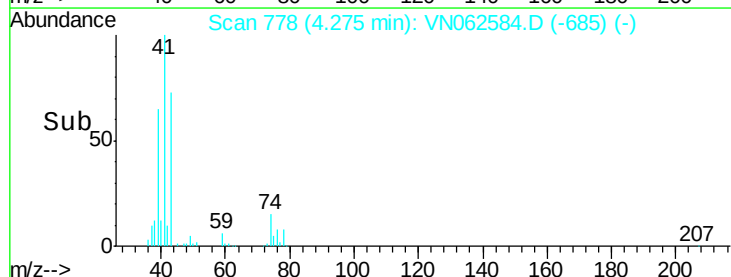
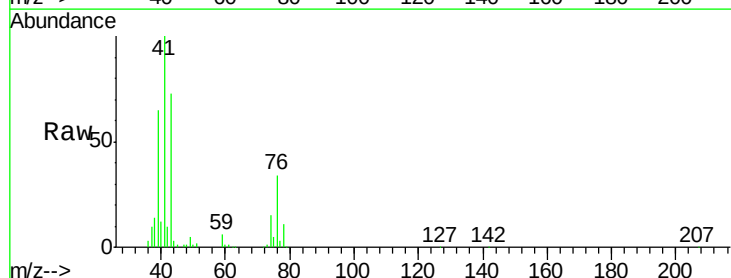
Manual Integrations
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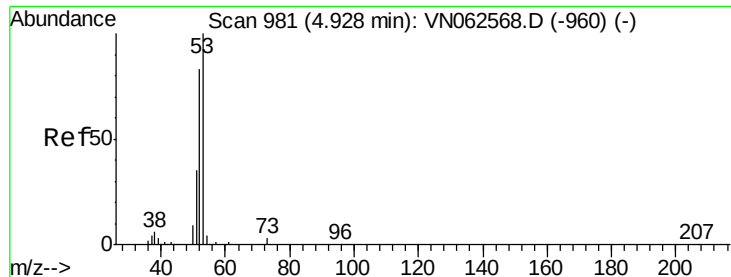
MMDadoda
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#14
Allyl chloride
Concen: 53.174 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.4	49.0	73.4
76	29.6	24.0	36.0





#15

Acrylonitrile

Concen: 287.101 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

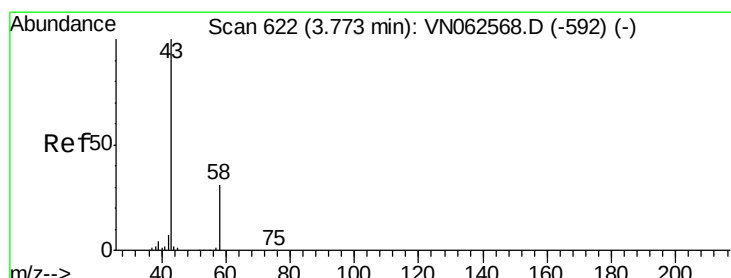
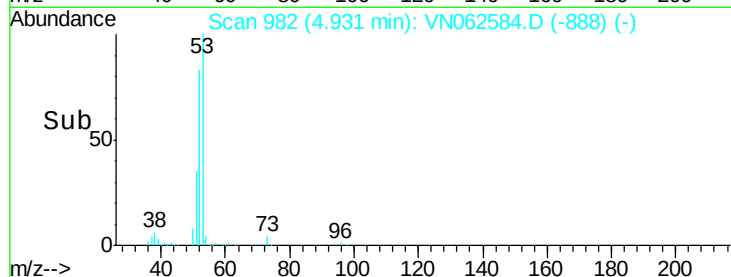
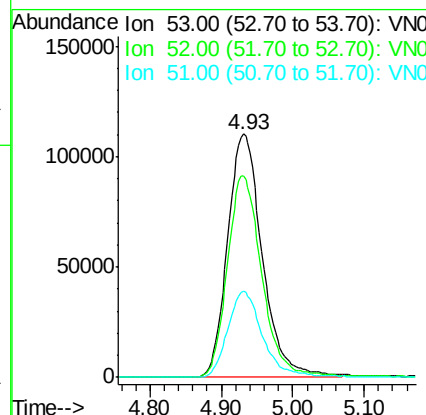
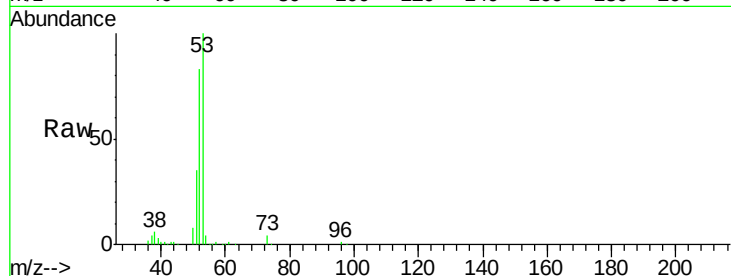
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	374582
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.3	99.5
51	35.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 263.918 ug/l

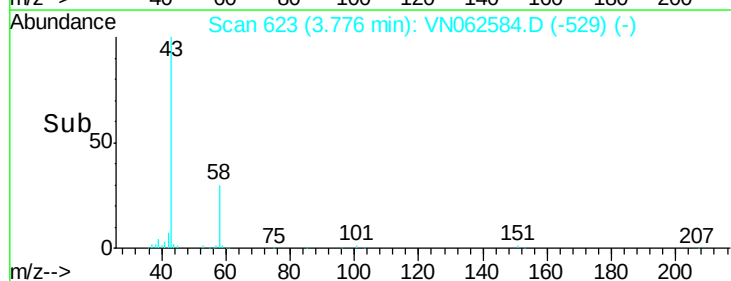
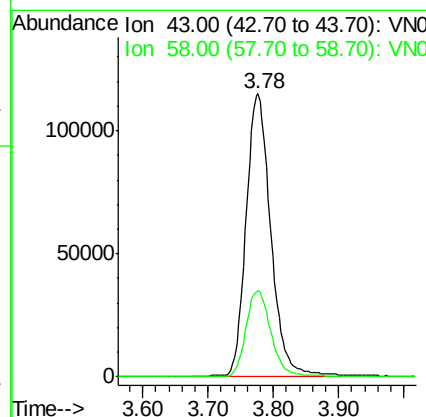
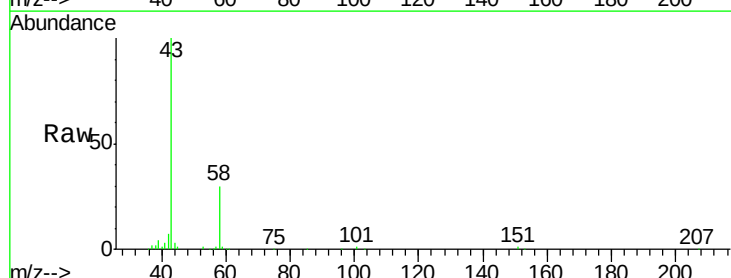
RT: 3.78 min Scan# 623

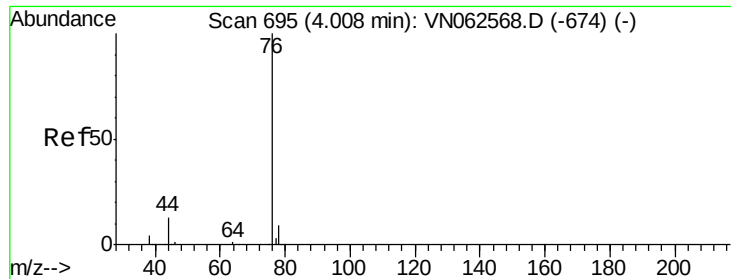
Delta R.T. 0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Tgt Ion:	43	Resp:	304103
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.6	37.0





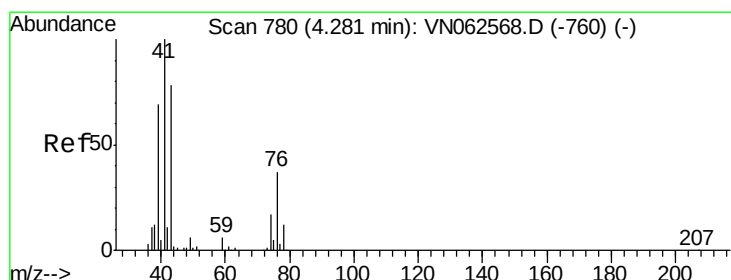
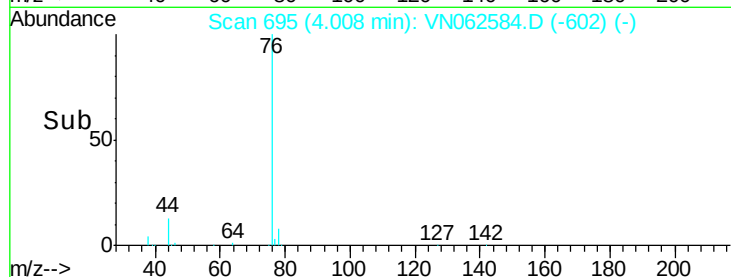
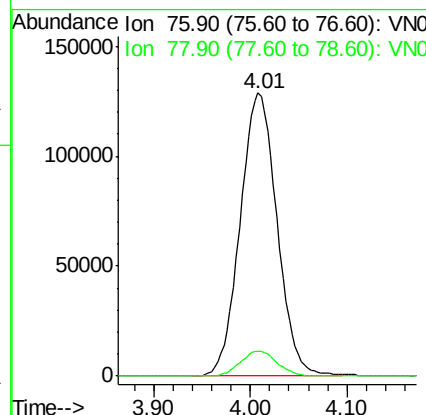
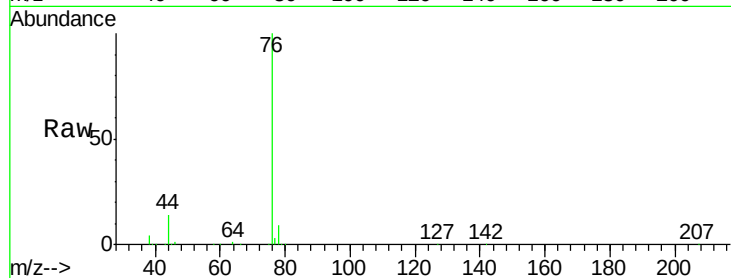
#17
Carbon Disulfide
Concen: 49.123 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

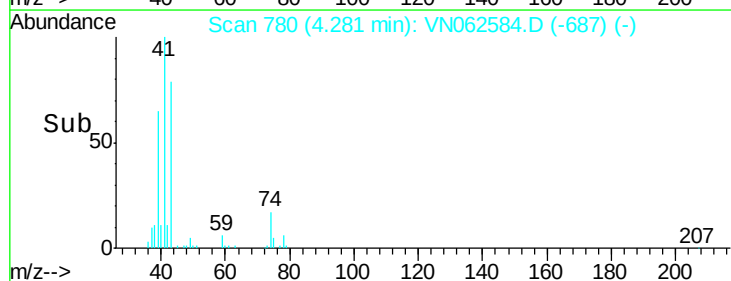
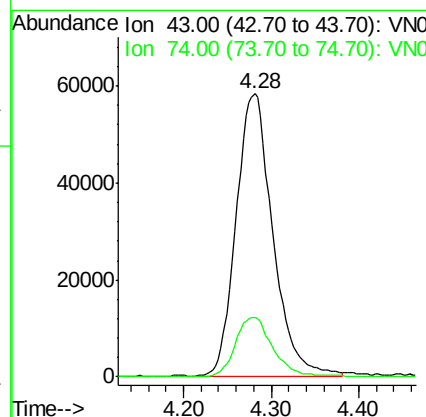
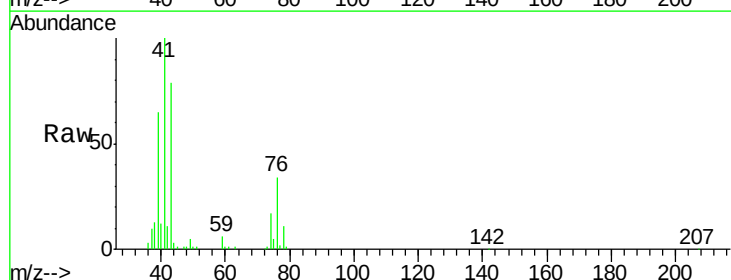
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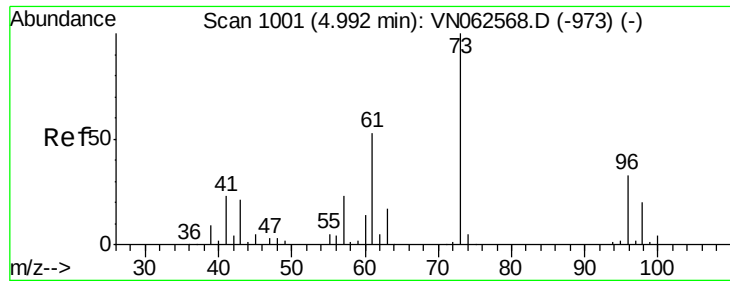
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#18
Methyl Acetate
Concen: 58.056 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.6	24.8





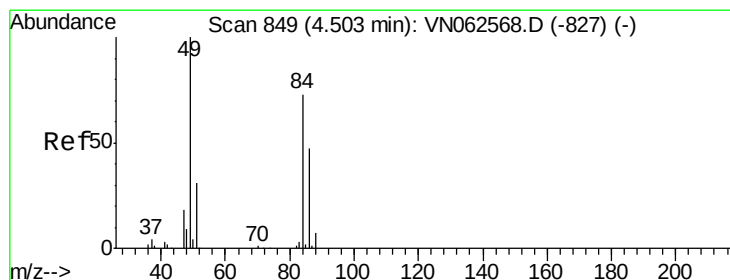
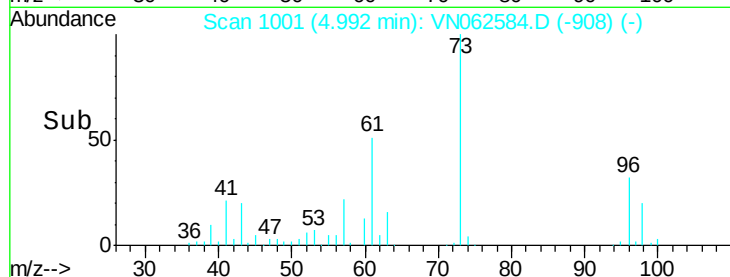
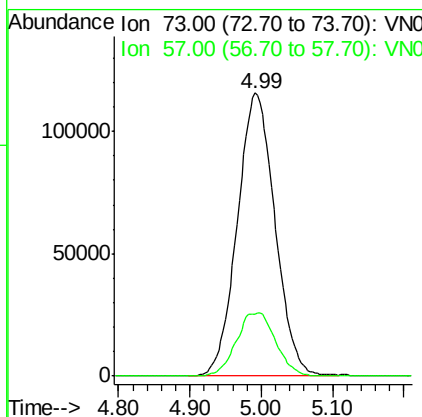
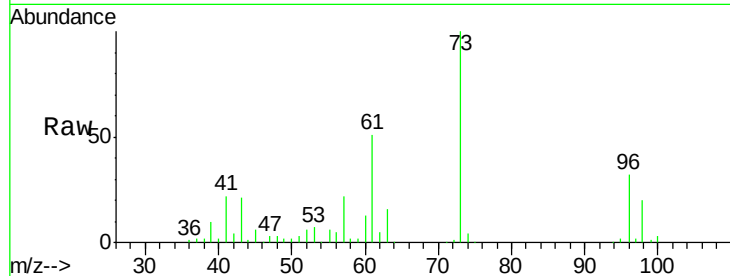
#19
Methvl tert-butyl Ether
Concen: 54.742 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 425243
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8

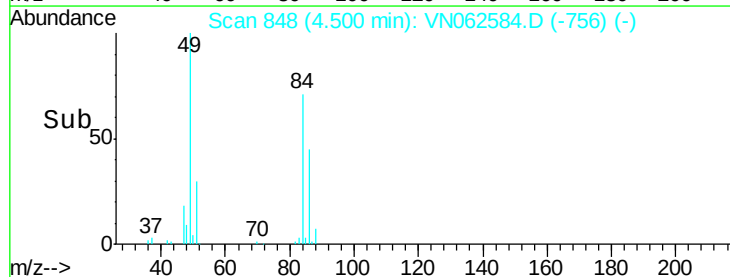
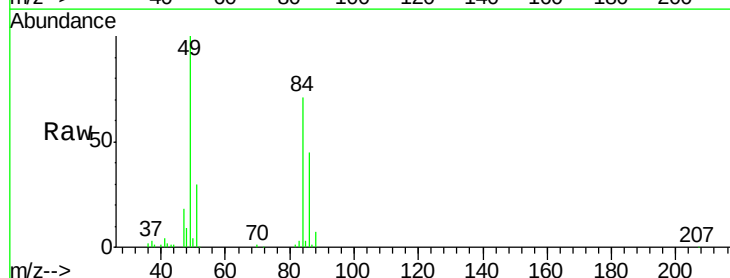
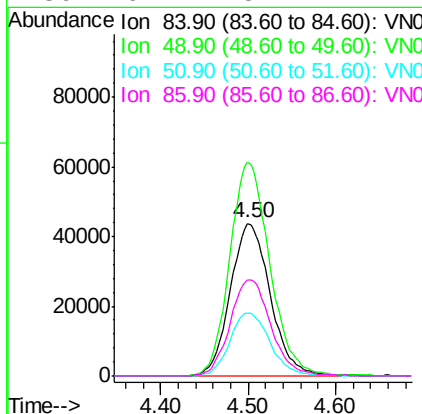
Manual Integrations
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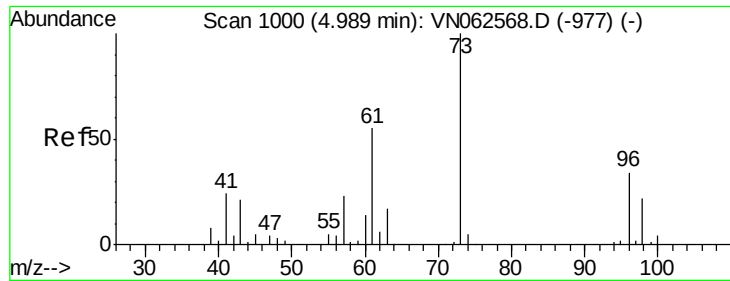
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#20
Methylene Chloride
Concen: 50.209 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion: 84 Resp: 138758
Ion Ratio Lower Upper
84 100
49 140.0 109.4 164.0
51 41.5 33.6 50.4
86 62.7 51.4 77.2





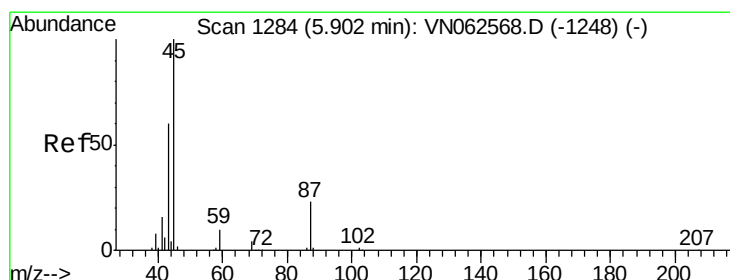
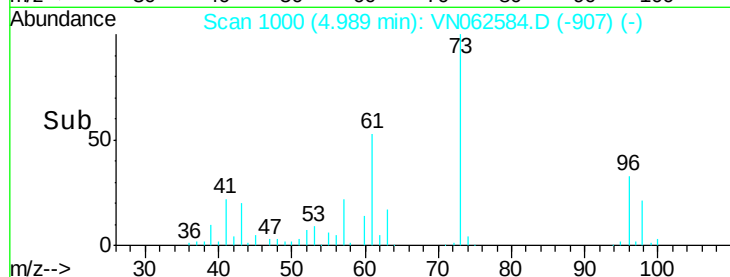
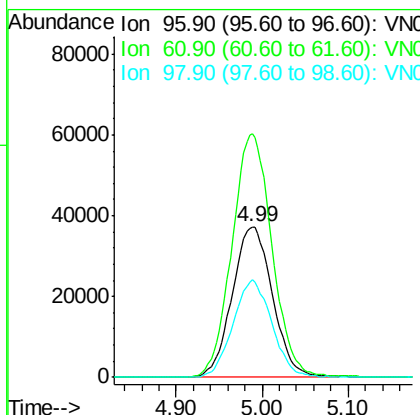
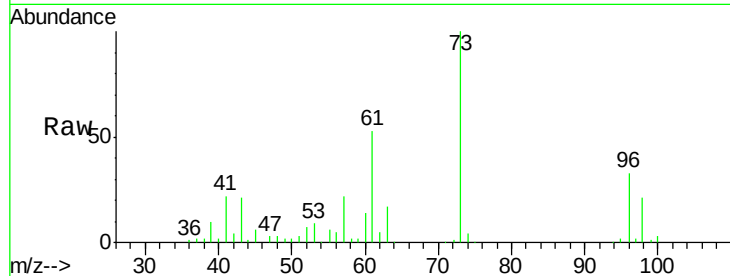
#21
trans-1,2-Dichloroethene
Concen: 51.843 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.0	128.6	192.8
98	64.9	50.6	76.0

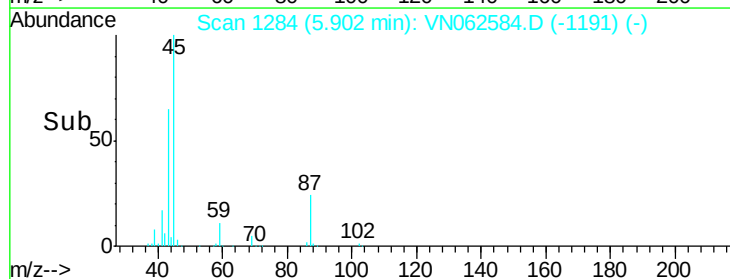
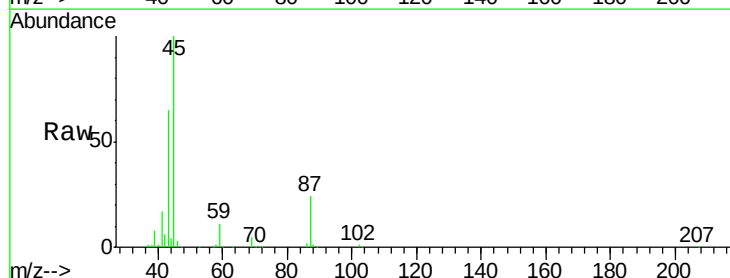
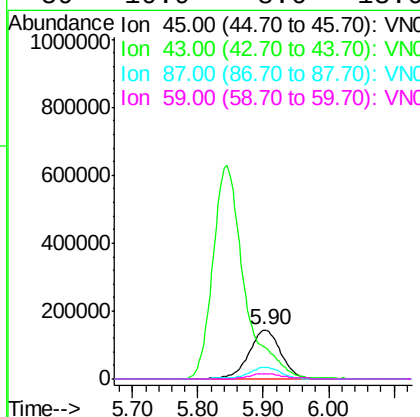
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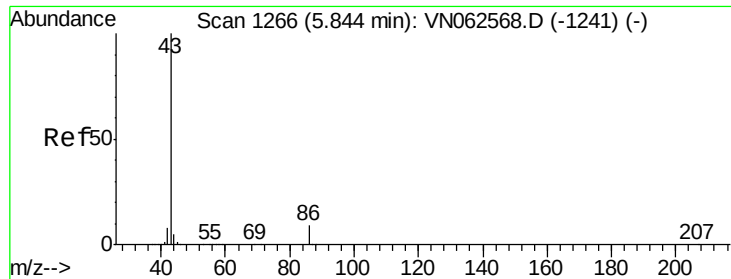
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#22
Diisopropyl ether
Concen: 54.455 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.4	48.7	73.1
87	24.0	19.0	28.6
59	10.9	8.6	13.0





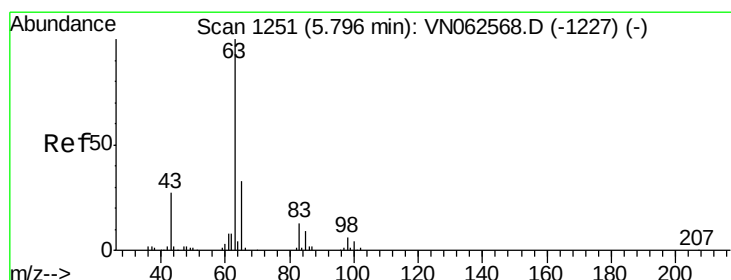
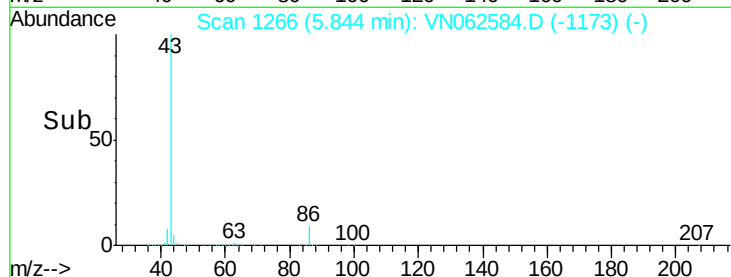
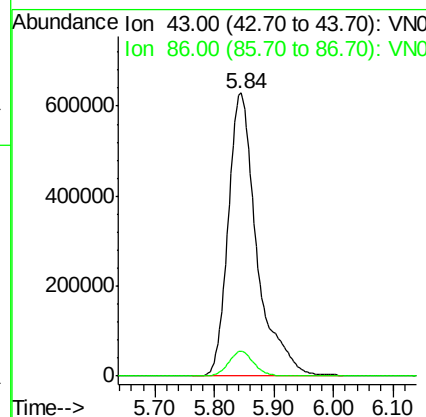
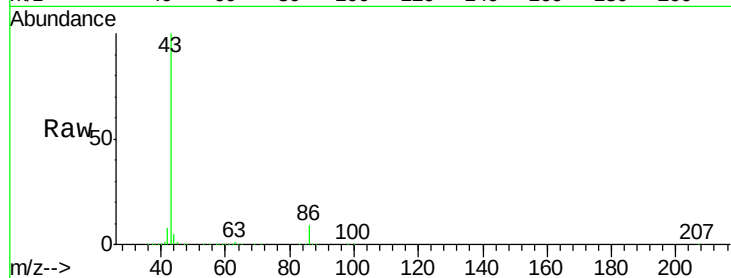
#23
 Vinyl Acetate
 Concen: 283.054 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2104683
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.9 10.3

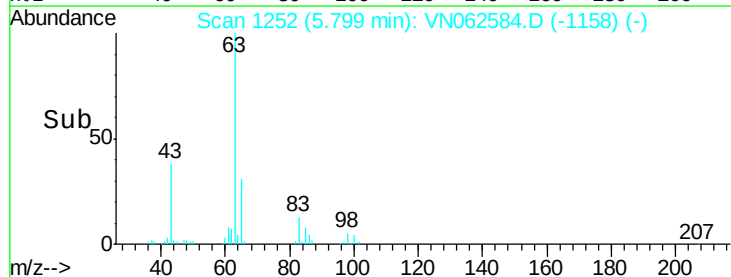
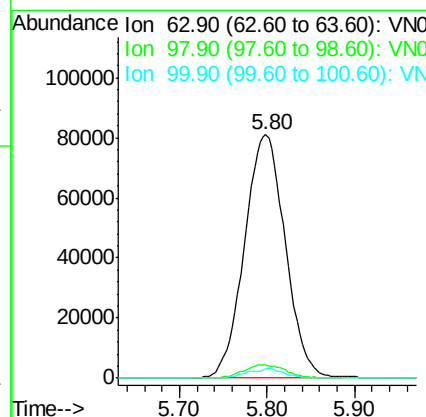
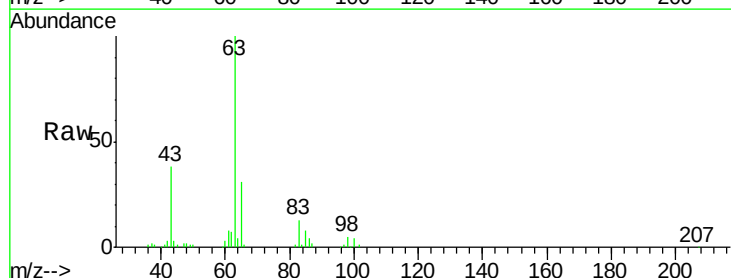
Manual Integrations
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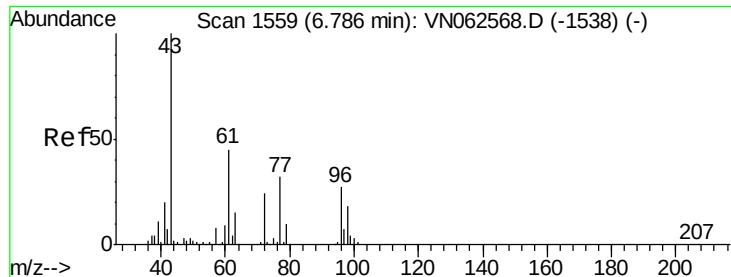
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#24
 1,1-Dichloroethane
 Concen: 53.600 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion: 63 Resp: 261927
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.9 8.8
 100 3.6 1.8 5.4





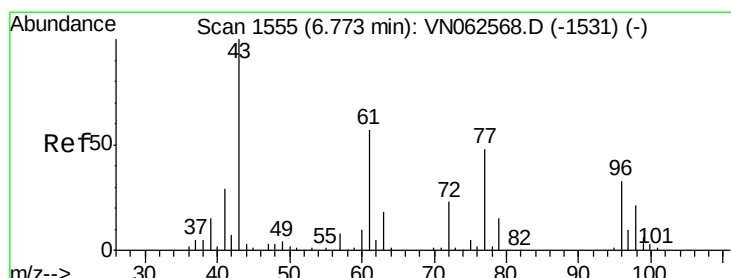
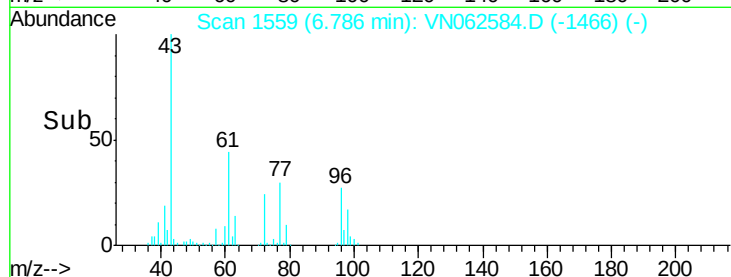
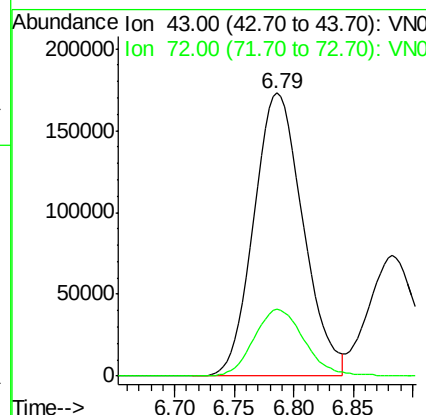
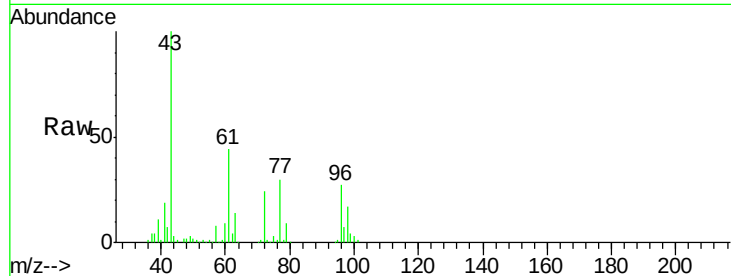
#25
 2-Butanone
 Concen: 281.996 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.0	28.6

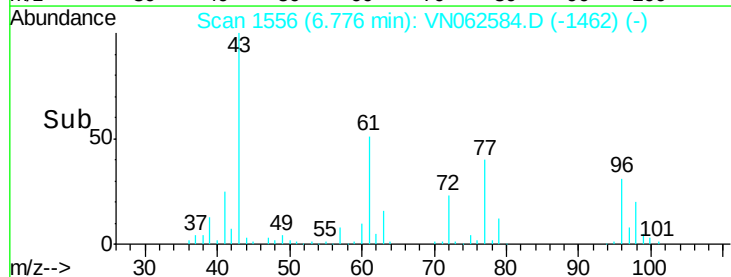
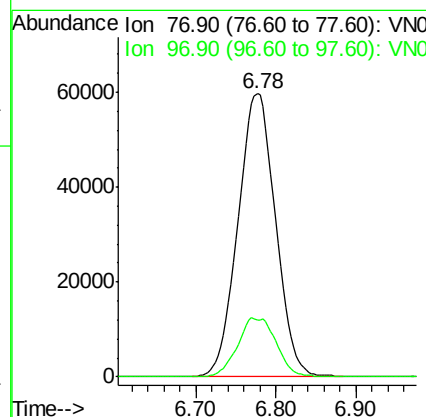
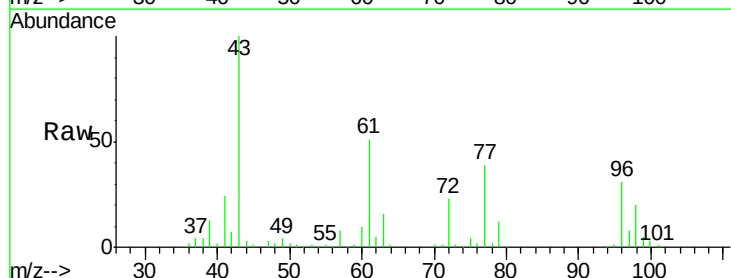
Manual Integrations
 APPROVED

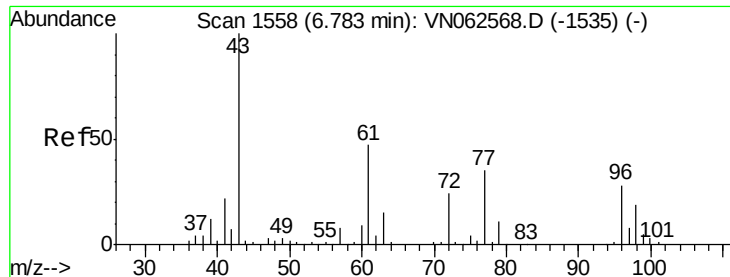
MMDadoda
 7/22/2020 2:45:53 PM



#26
 2,2-Dichloropropane
 Concen: 47.420 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.5	10.8	32.4





#27

cis-1,2-Dichloroethene

Concen: 52.733 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

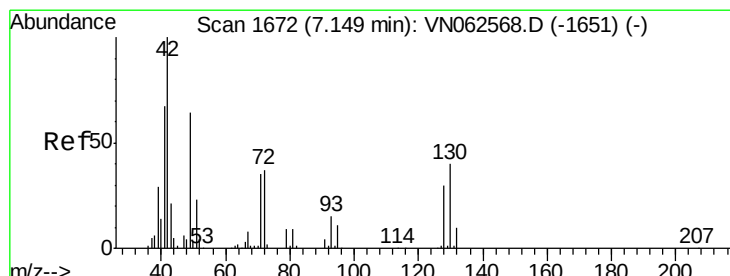
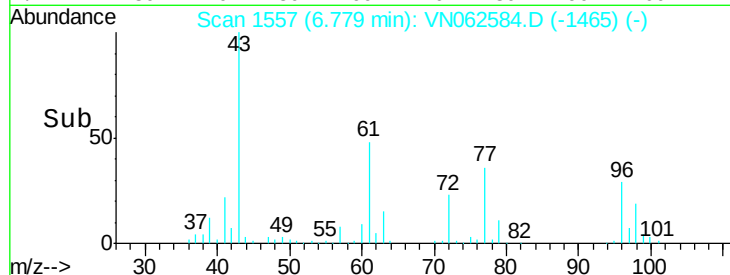
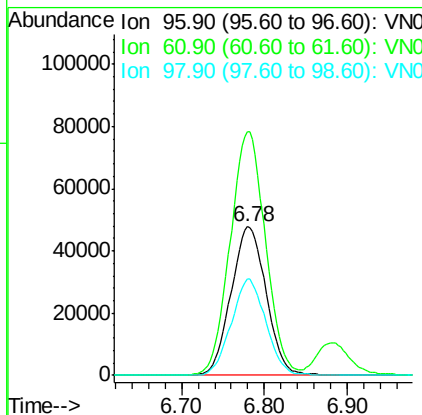
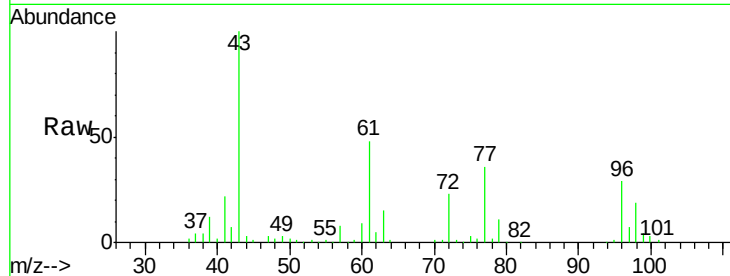
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	140952
Ion	Ratio	Lower	Upper
96	100		
61	164.4	0.0	332.4
98	63.7	0.0	127.4

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#28

Bromochloromethane

Concen: 53.761 ug/l

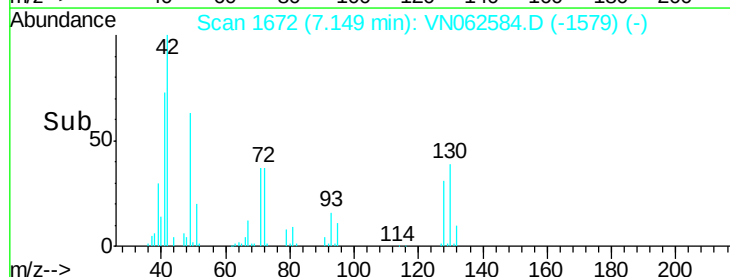
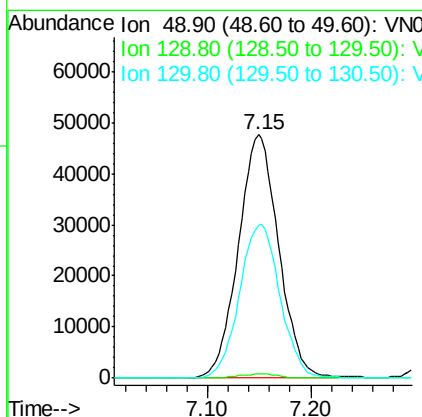
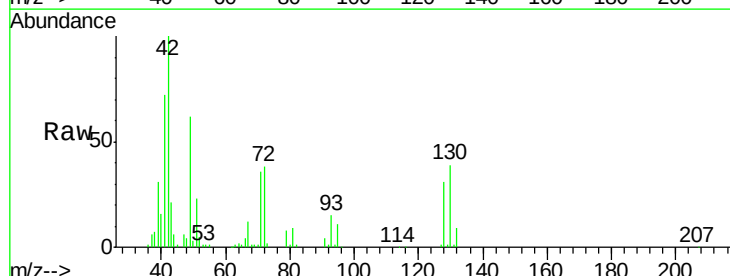
RT: 7.15 min Scan# 1672

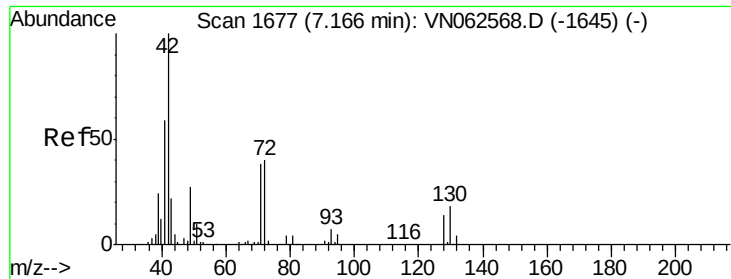
Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Tgt Ion:	49	Resp:	129289
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	63.4	49.8	74.8





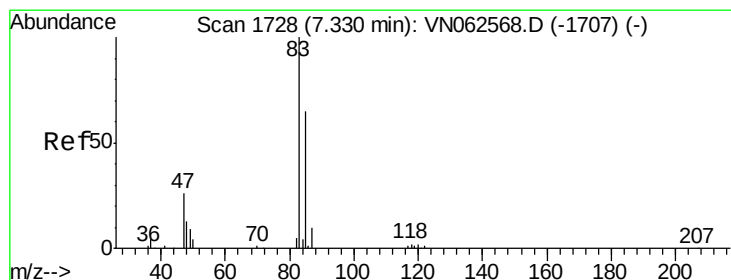
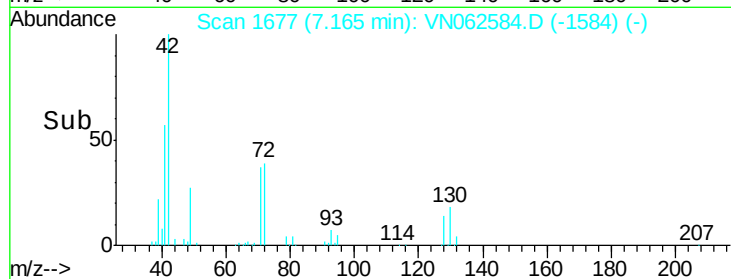
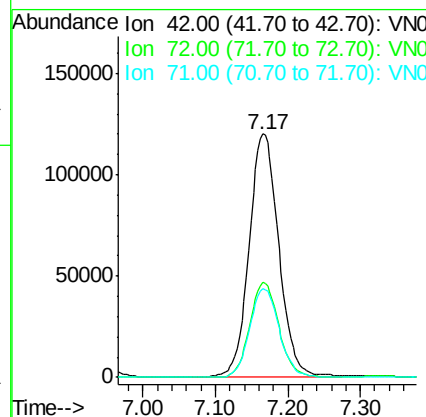
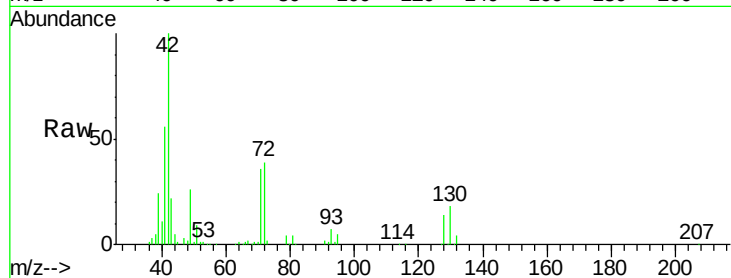
#29
Tetrahydrofuran
Concen: 289.471 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.7	46.1
71	36.1	29.1	43.7

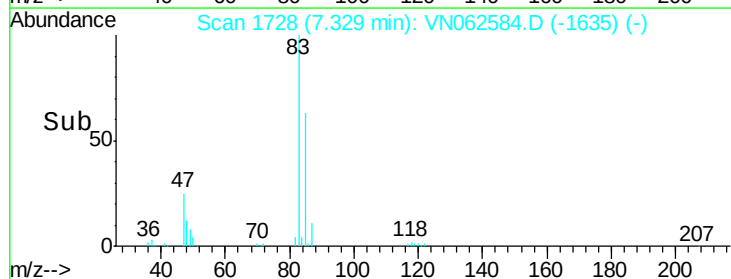
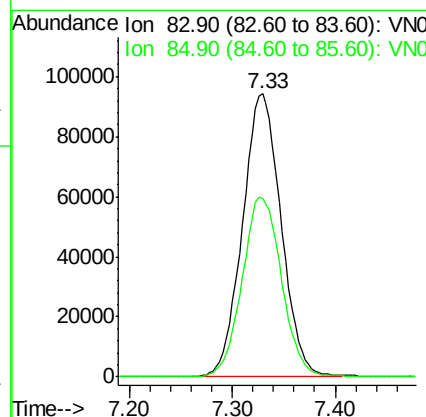
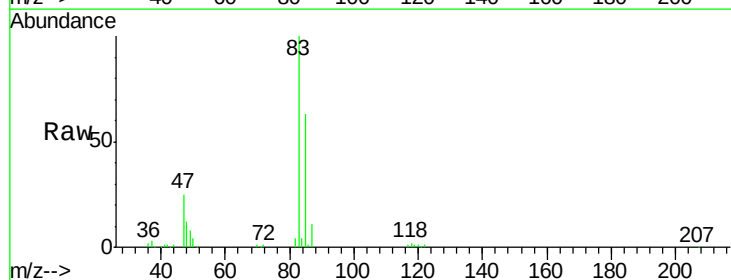
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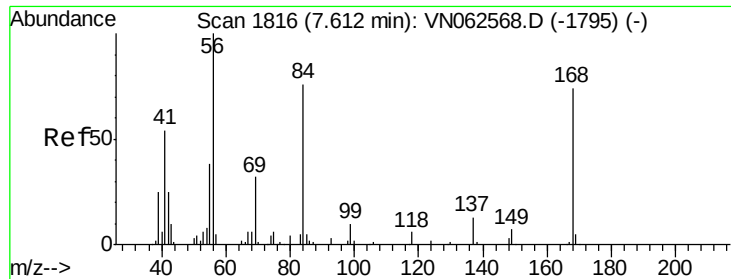
MMDadoda
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#30
Chloroform
Concen: 52.783 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.0	78.0





#31

Cyclohexane

Concen: 47.780 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 215576

Ion Ratio Lower Upper

56 100

69 31.3 25.3 37.9

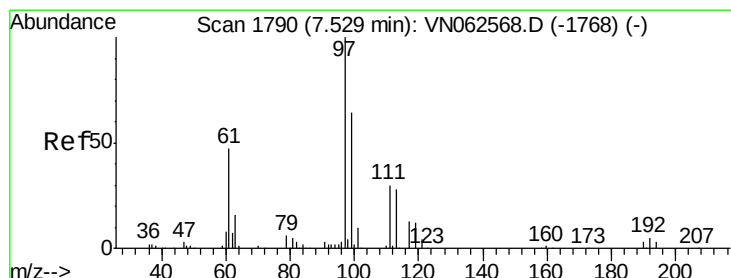
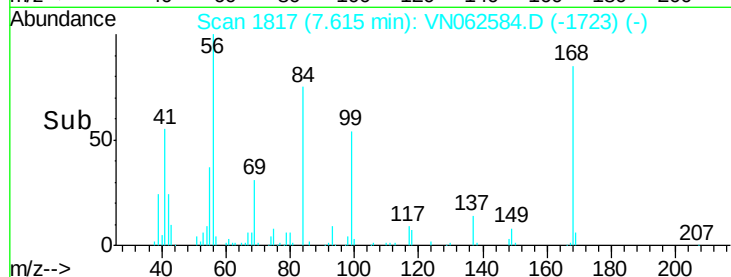
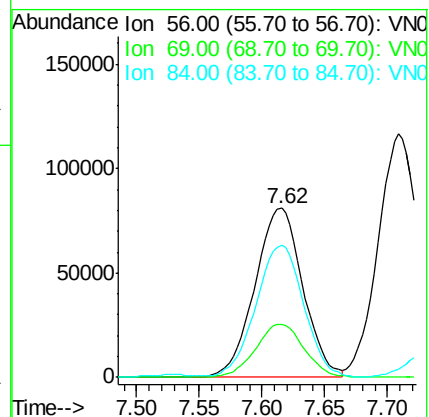
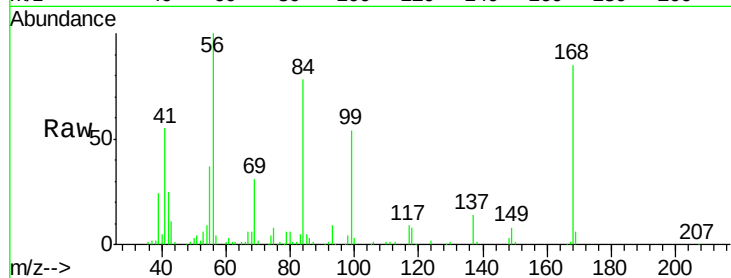
84 77.2 61.0 91.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 52.894 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

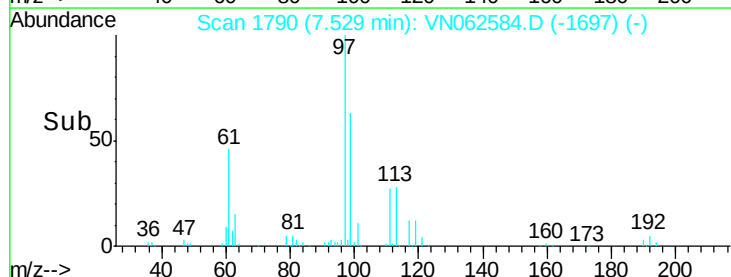
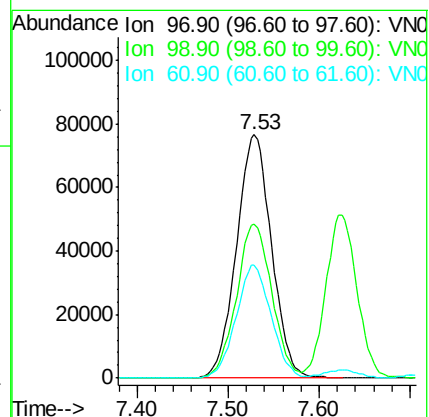
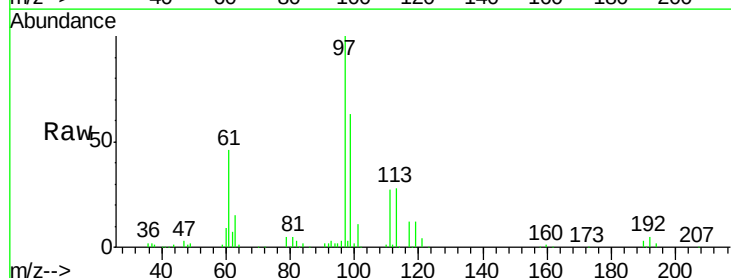
Tgt Ion: 97 Resp: 205186

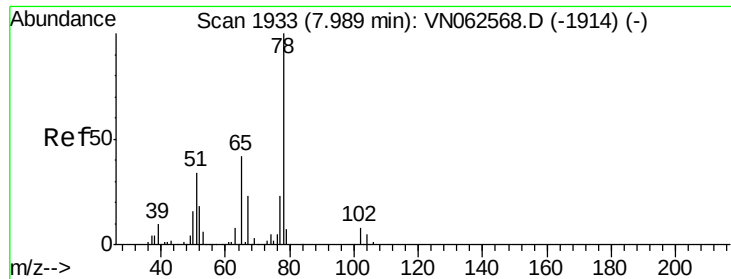
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 46.3 38.4 57.6





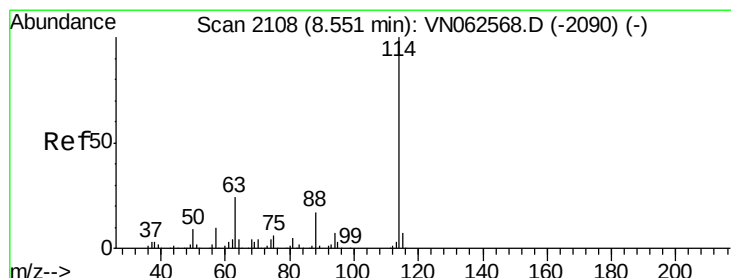
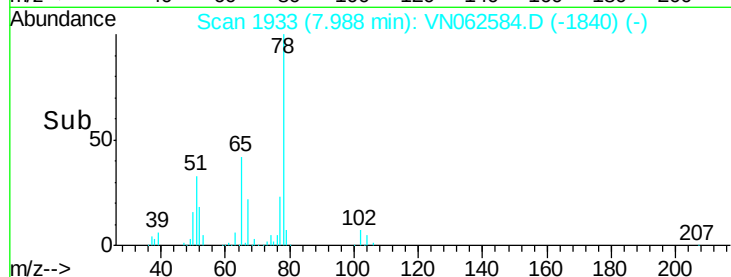
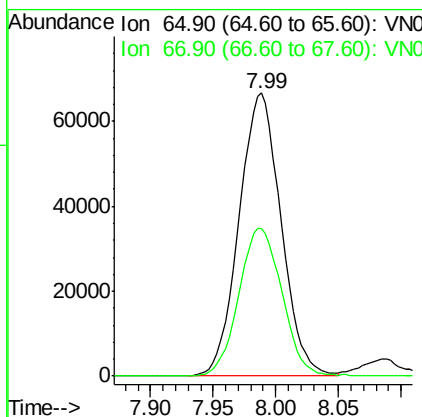
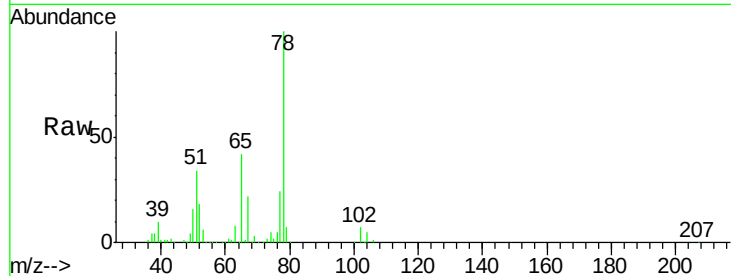
#33
 1,2-Dichloroethane-d4
 Concen: 50.731 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155338		
67	53.6	0.0	106.0	

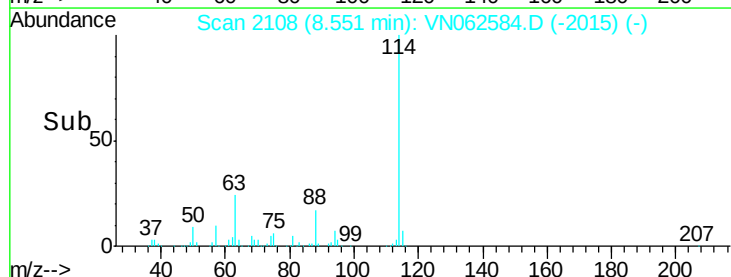
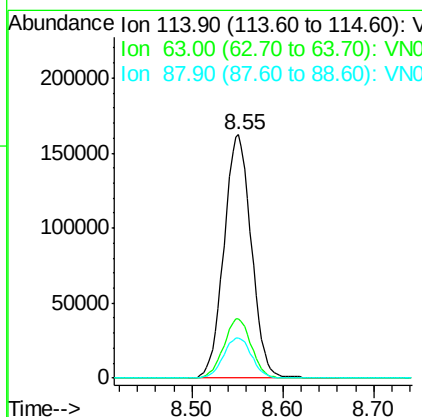
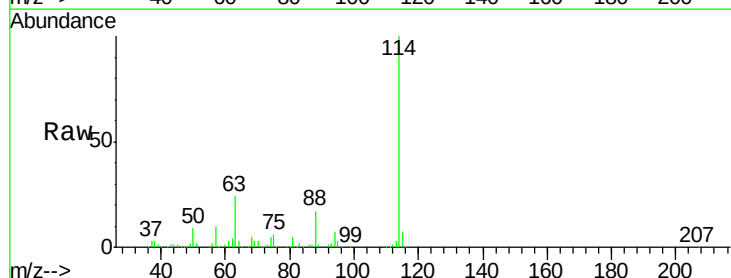
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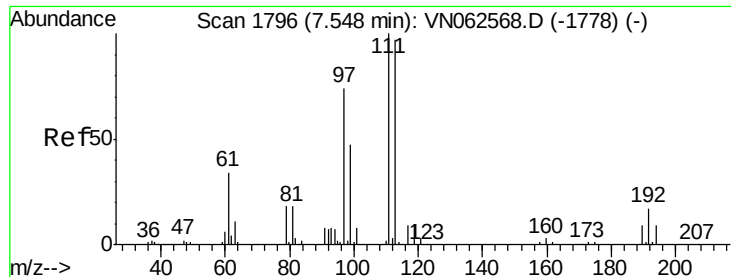
MMDadoda
 7/22/2020 2:45:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	338583		
63	24.4	0.0	48.4	
88	16.6	0.0	33.8	





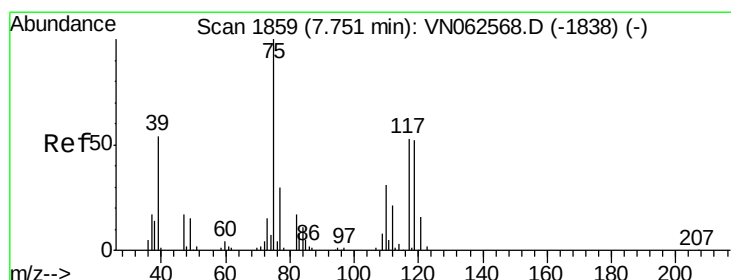
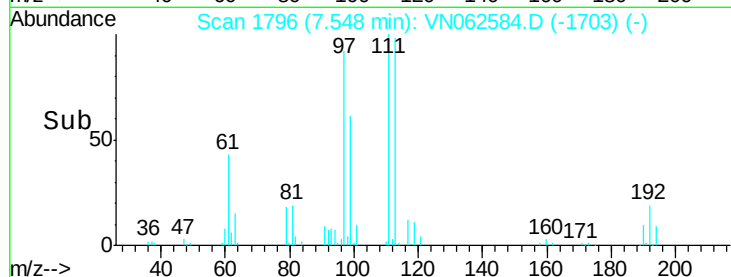
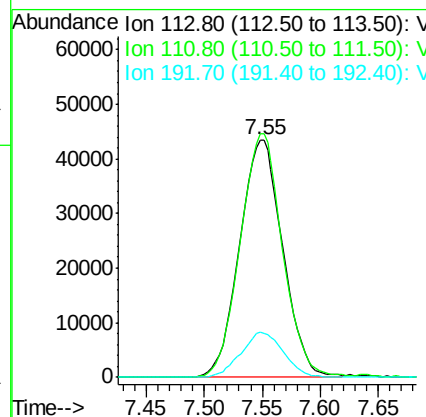
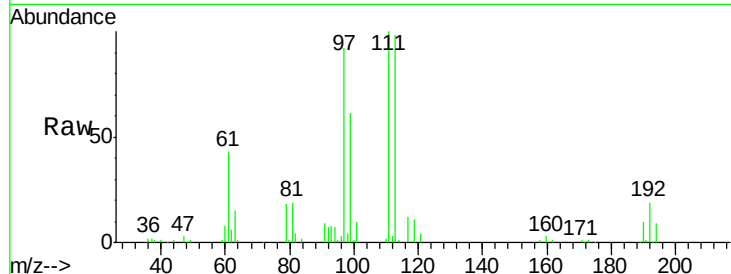
#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112222		
111	100.8	82.7	124.1	
192	18.6	14.8	22.2	

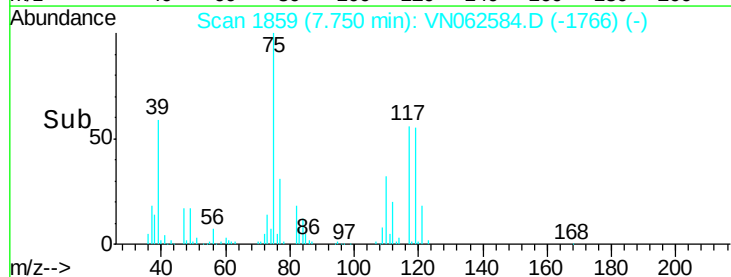
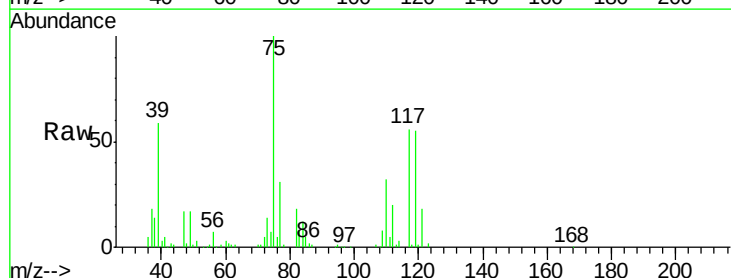
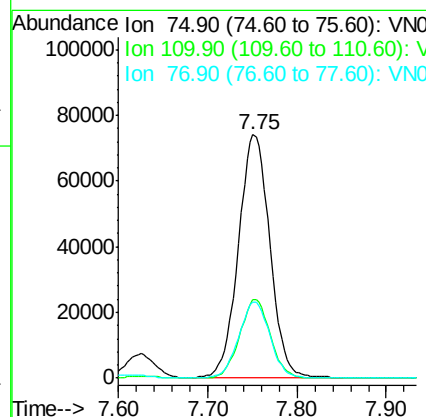
Manual Integrations
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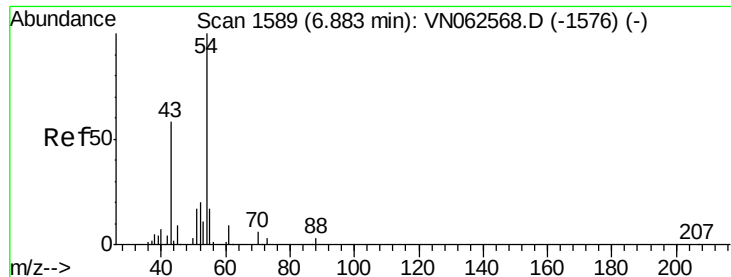
MMDadoda
7/22/2020 2:45:53 PM



#36
1,1-Dichloropropene
Concen: 50.077 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	180724		
110	31.6	16.0	48.0	
77	31.3	24.6	36.8	





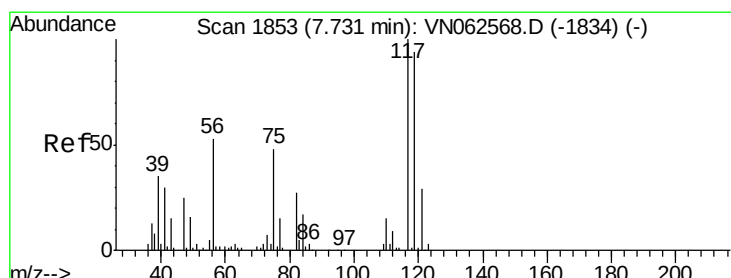
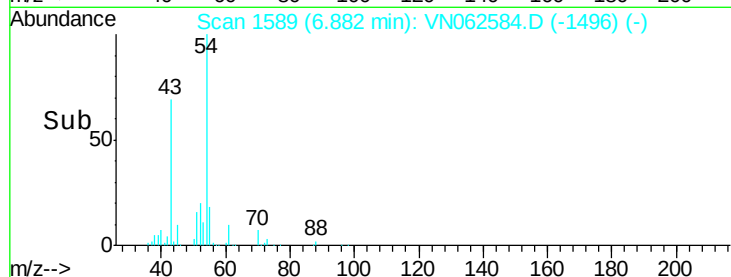
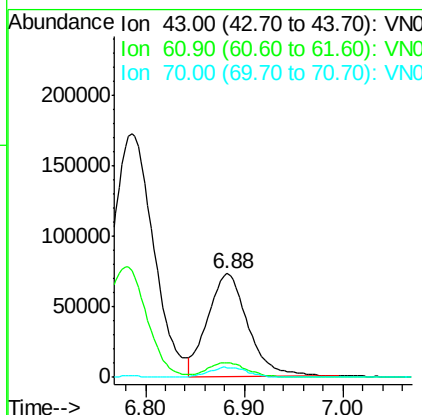
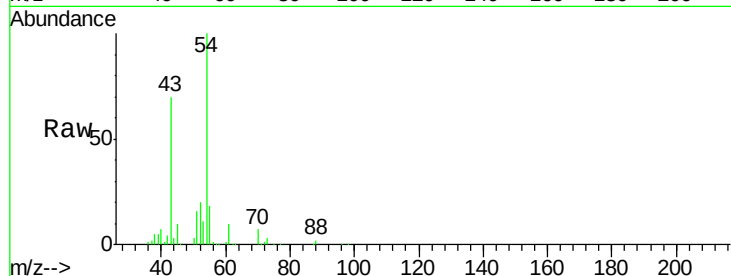
#37
Ethyl Acetate
Concen: 53.506 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	9.6	7.7	11.5

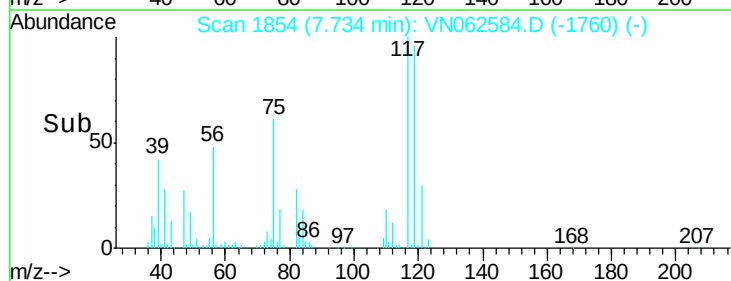
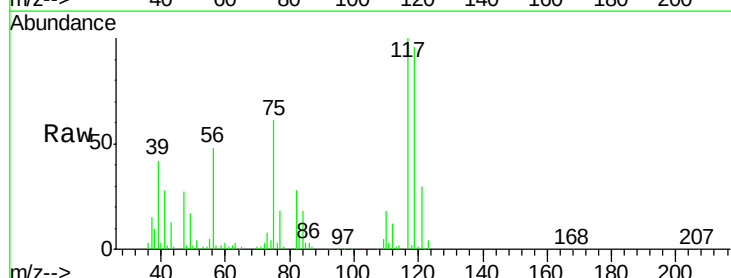
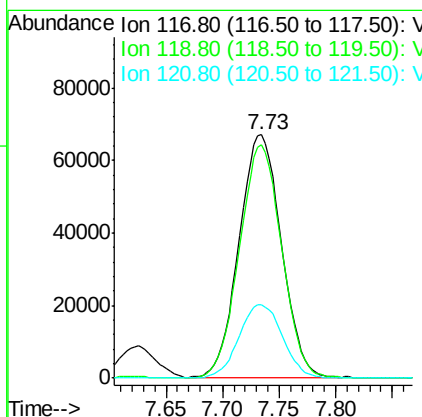
Manual Integrations
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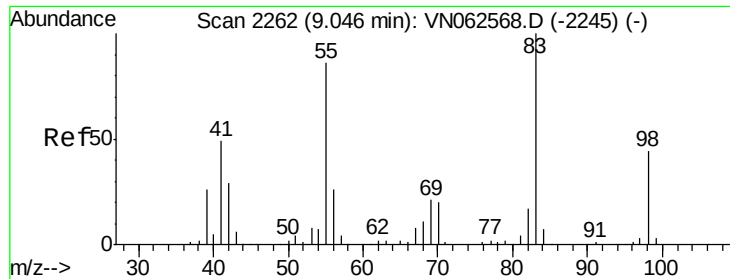
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.099 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.8	112.2
121	30.0	23.0	34.6





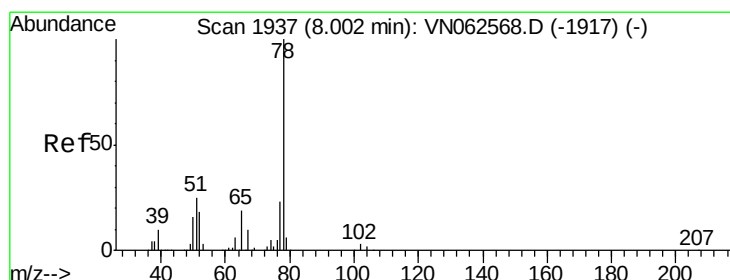
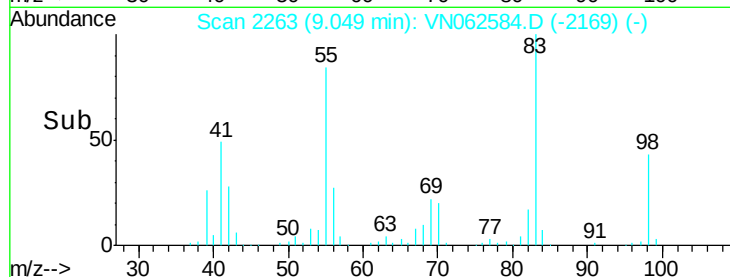
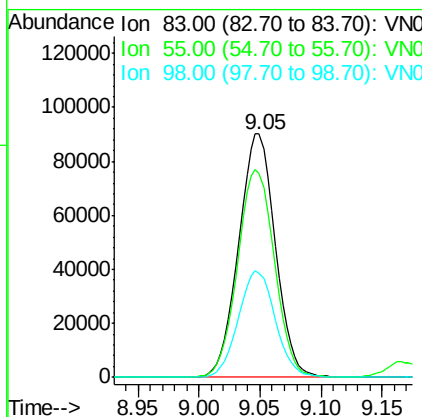
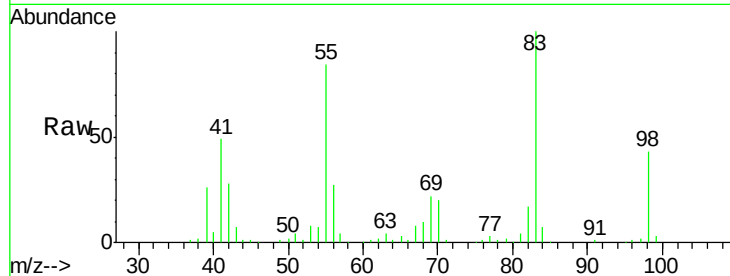
#39
Methylvlcyclohexane
Concen: 48.152 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.0	68.9	103.3
98	42.9	35.1	52.7

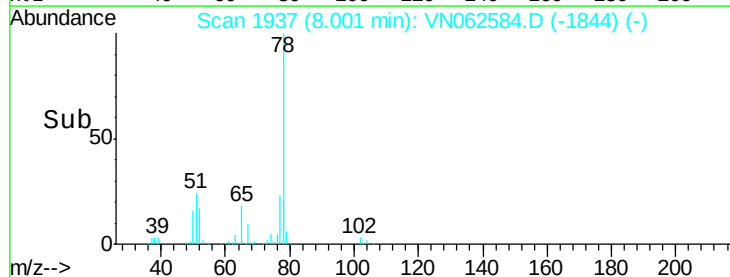
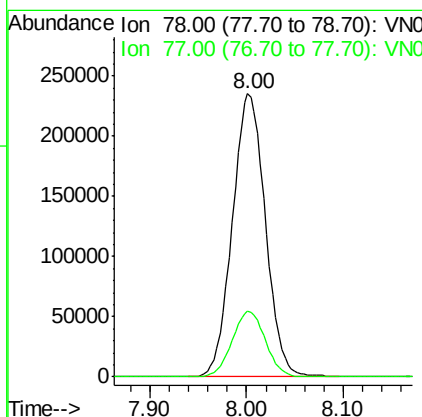
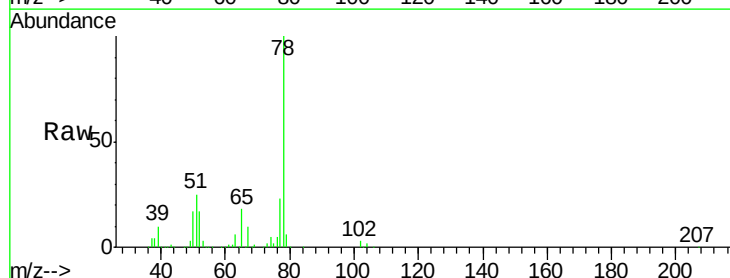
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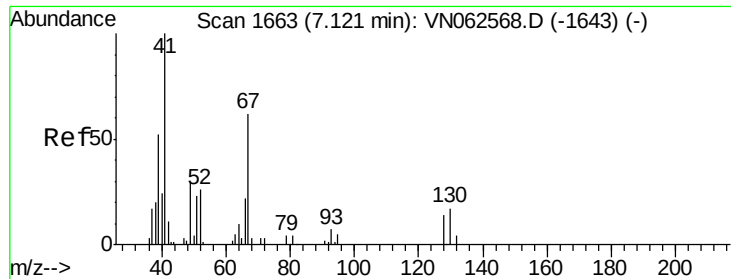
MMDadoda
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#40
Benzene
Concen: 51.036 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





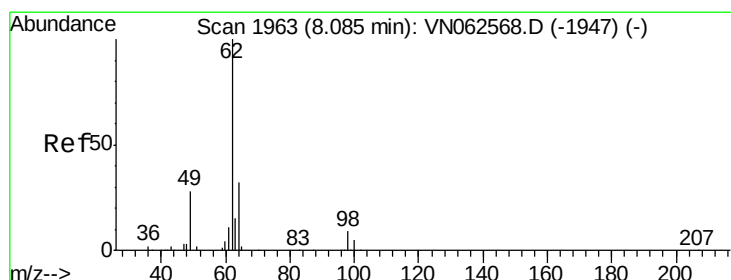
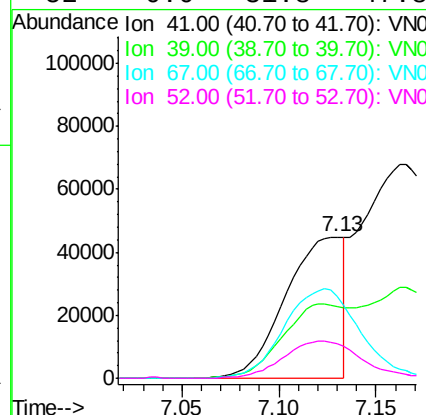
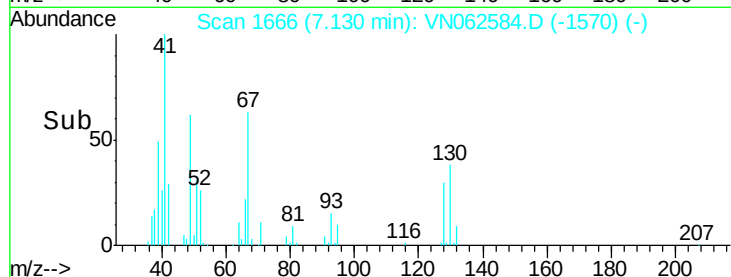
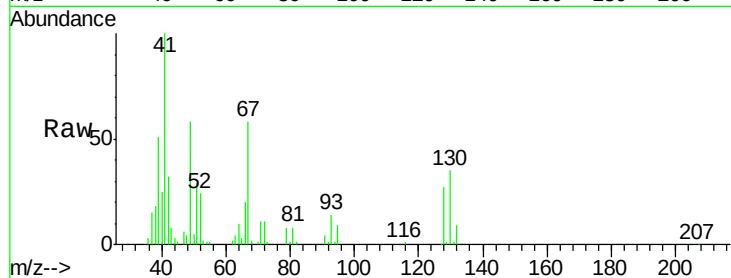
#41
Methacrylonitrile
Concen: 55.692 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot 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#

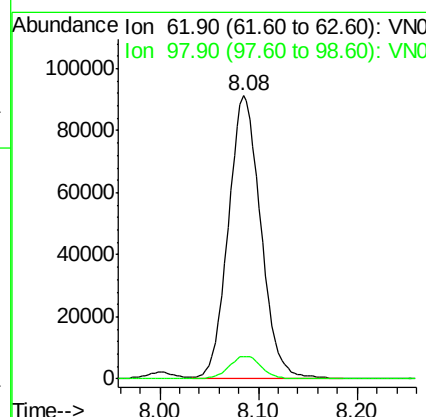
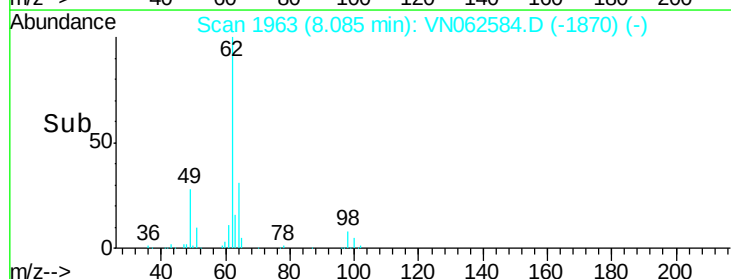
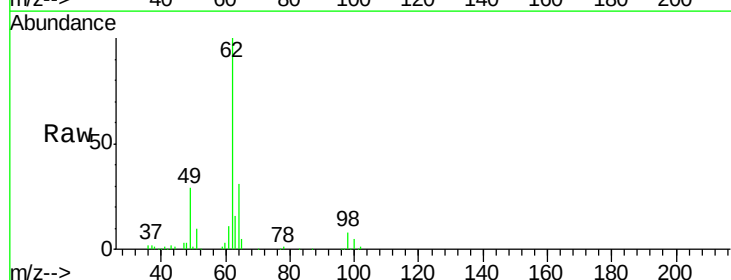
Manual Integrations
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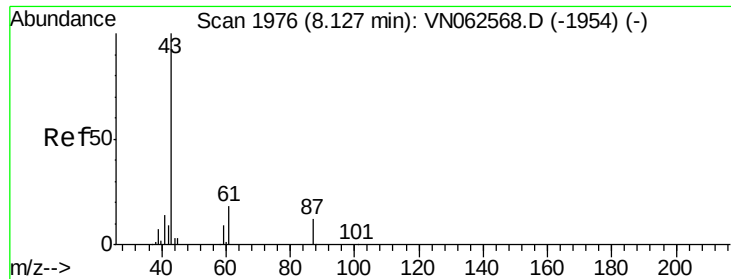
MMDadoda
7/22/2020 2:45:53 PM



#42
1,2-Dichloroethane
Concen: 52.249 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2





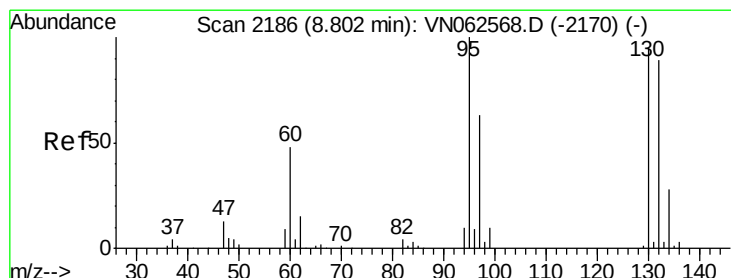
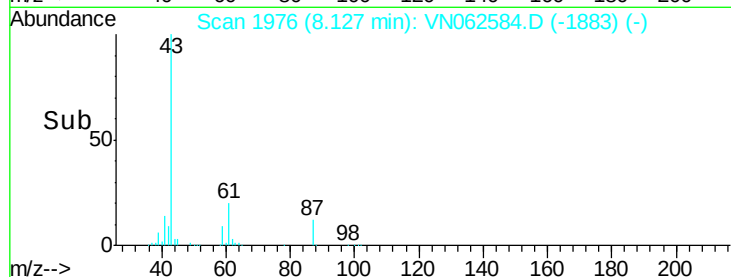
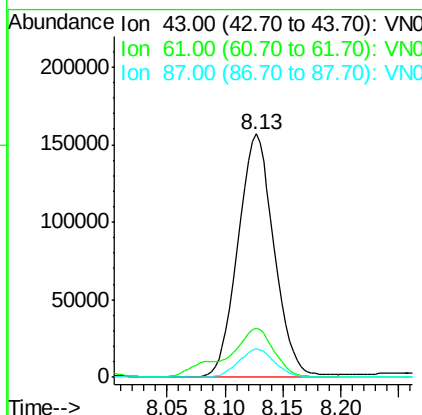
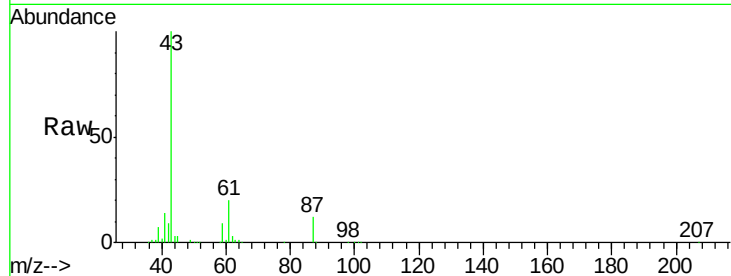
#43
Isopropyl Acetate
Concen: 54.110 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.8	31.2
87	11.7	9.2	13.8

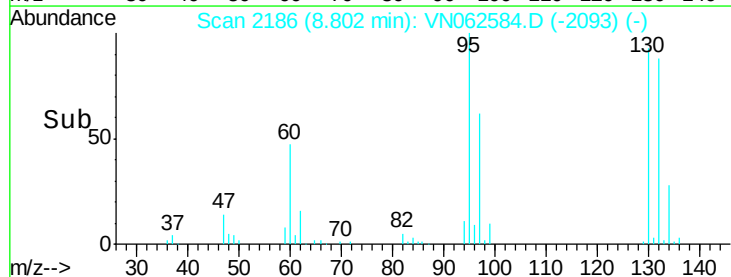
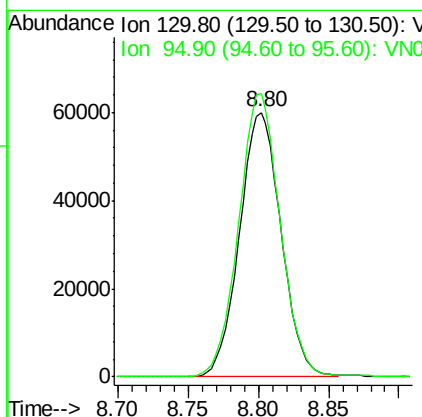
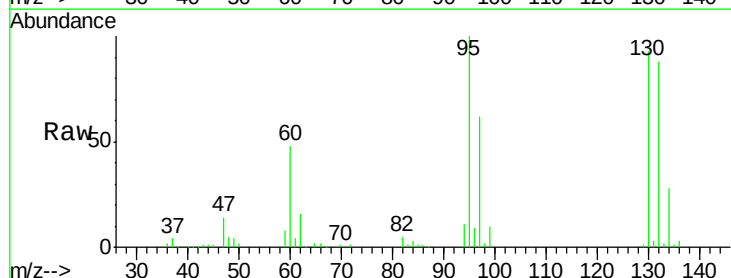
Manual Integrations
APPROVED

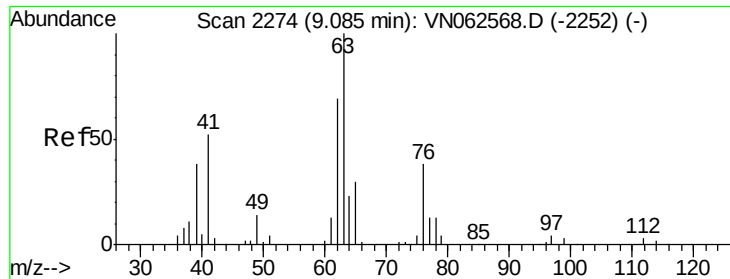
MMDadoda
7/22/2020 2:45:53 PM



#44
Trichloroethene
Concen: 50.201 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.2	0.0	210.4





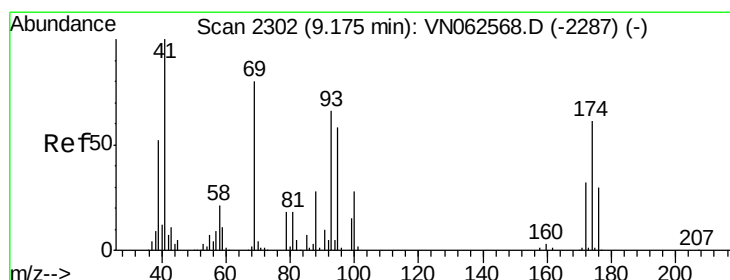
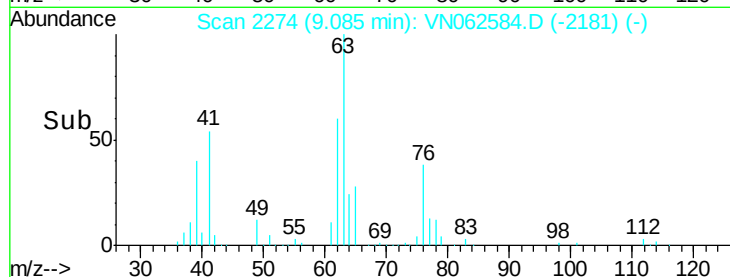
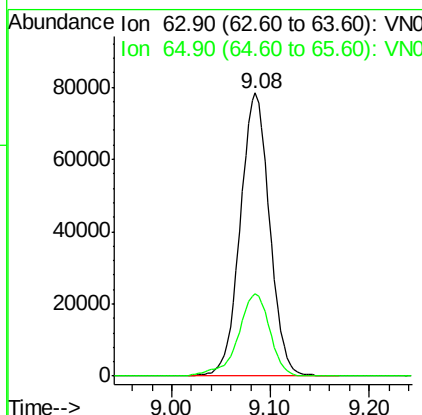
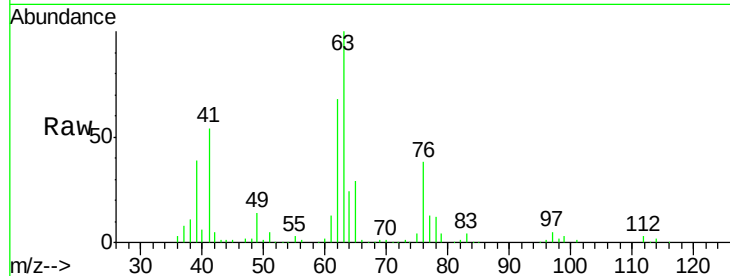
#45
 1,2-Dichloropropane
 Concen: 52.546 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 161195
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.4 36.6

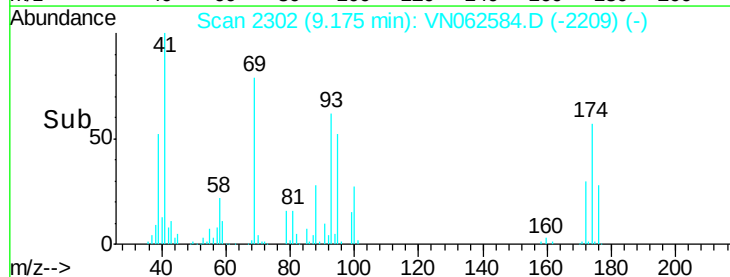
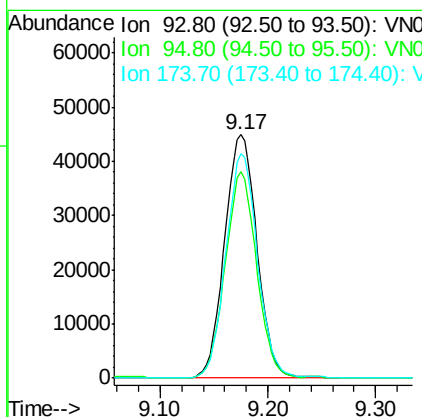
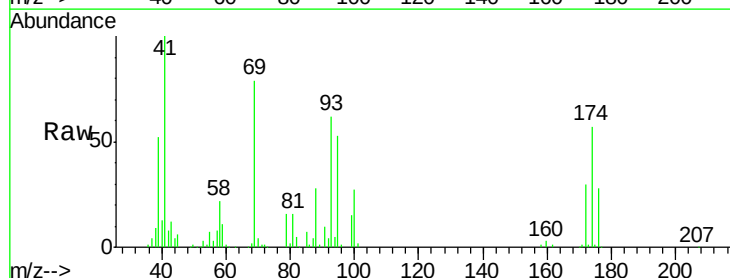
Manual Integrations
 APPROVED

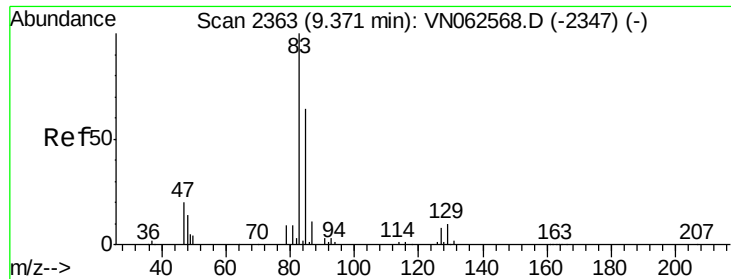
MMDadoda
 7/22/2020 2:45:53 PM



#46
 Dibromomethane
 Concen: 53.156 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion: 93 Resp: 94247
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.6 101.4
 174 89.7 72.5 108.7





#47

Bromodichloromethane

Concen: 51.756 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

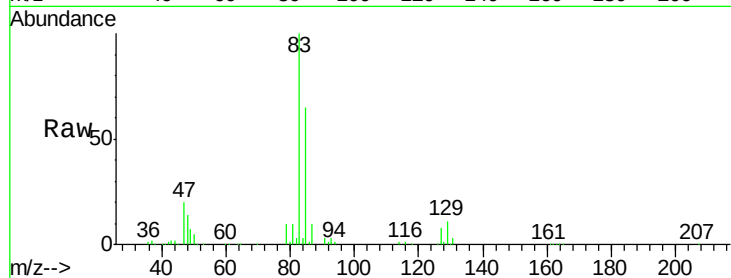
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	198807
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.6	77.4
127	8.4	6.2	9.2

Manual Integrations
APPROVED

MMDadoda
7/22/2020 2:45:53 PM

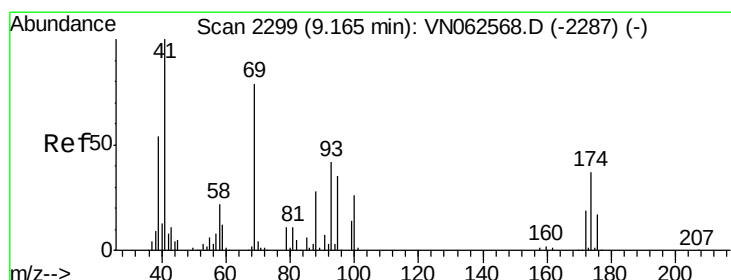
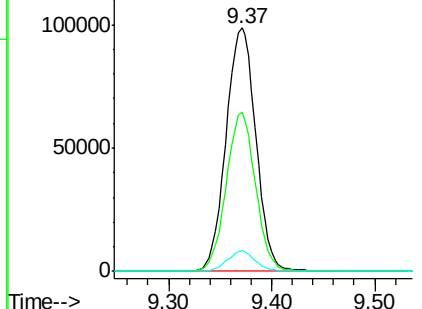
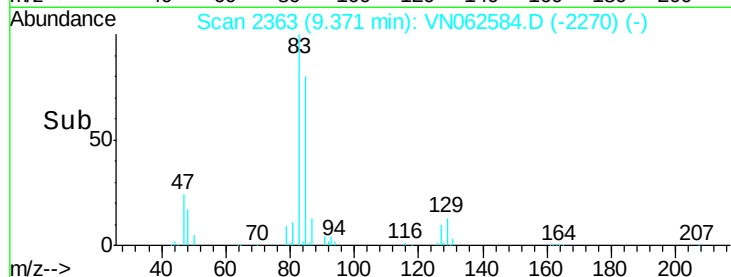


Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062568.D (-2347) (-)

Time-->



#48

Methyl methacrylate

Concen: 56.170 ug/l

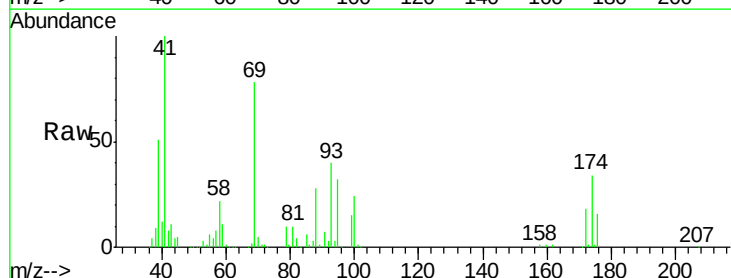
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Tgt Ion:	41	Resp:	167454
Ion Ratio	Lower	Upper	
41	100		
69	80.1	64.4	96.6
39	52.6	43.5	65.3

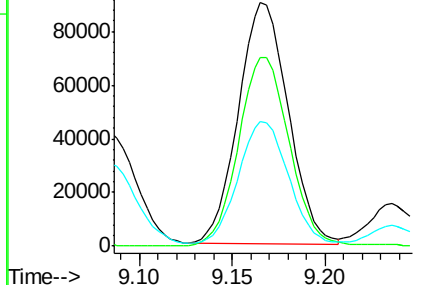
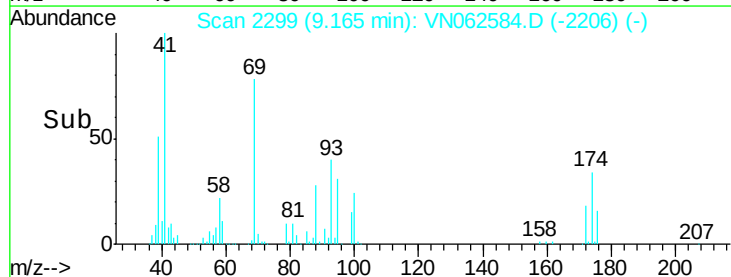


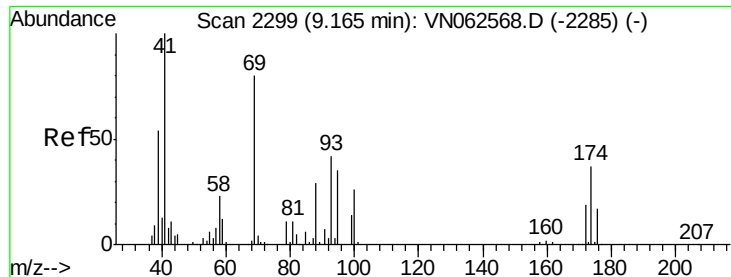
Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062568.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-2287) (-)

Time-->





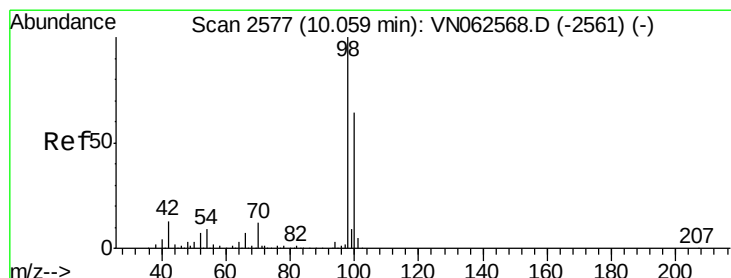
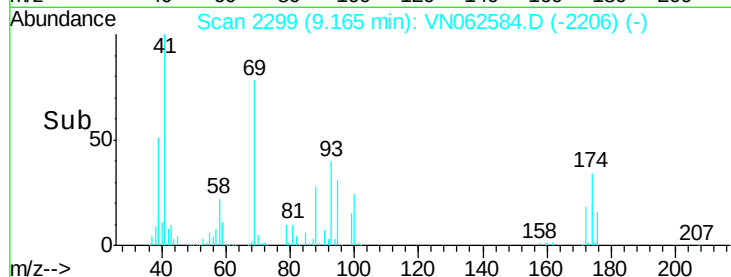
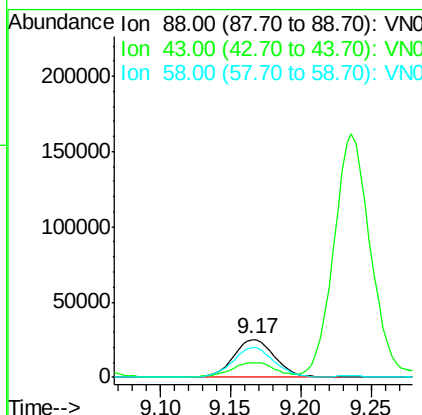
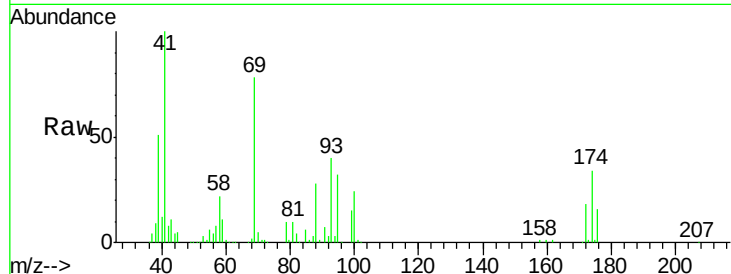
#49
1,4-Dioxane
Concen: 1125.043 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	32.0	48.0
58	79.6	62.8	94.2

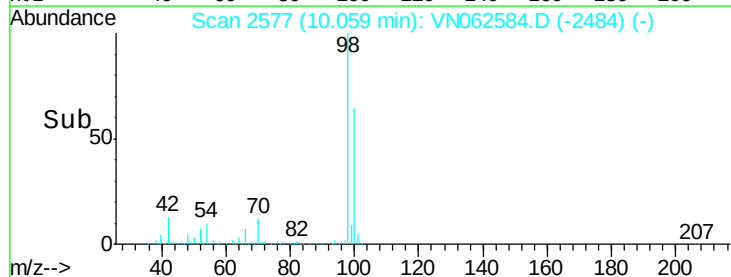
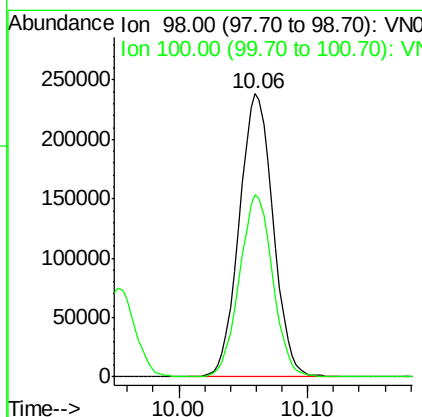
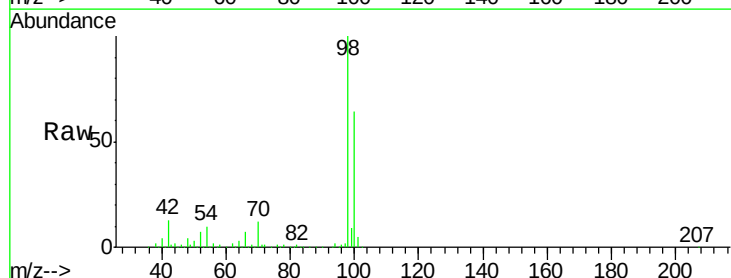
Manual Integrations
APPROVED

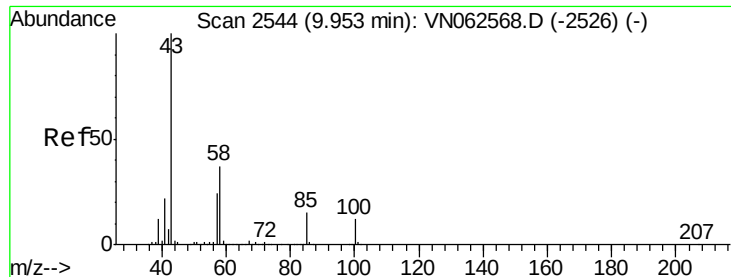
MMDadoda
7/22/2020 2:45:53 PM



#50
Toluene-d8
Concen: 49.081 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 284.439 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1067329

Ion Ratio Lower Upper

43 100

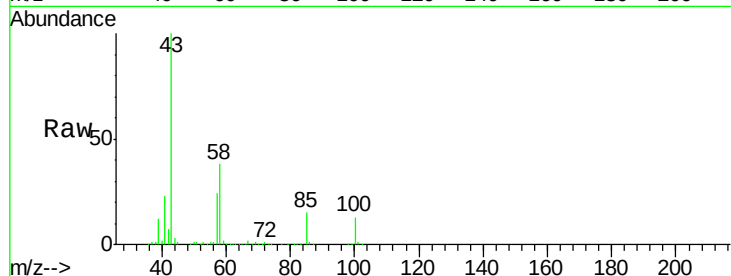
58 37.4 29.8 44.6

Manual Integrations

APPROVED

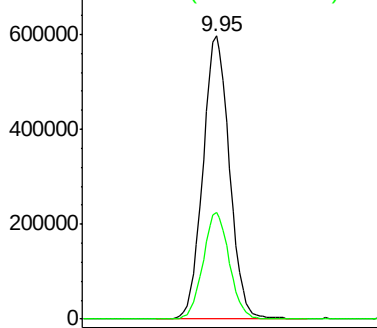
MMDadoda

7/22/2020 2:45:53 PM

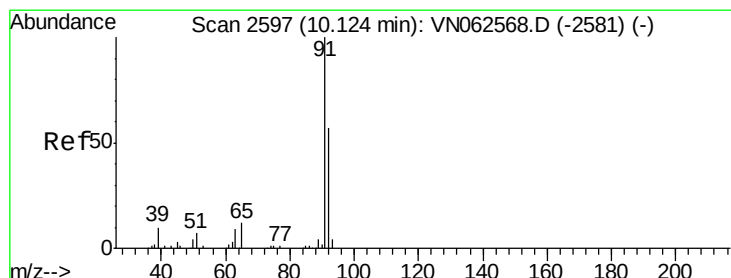
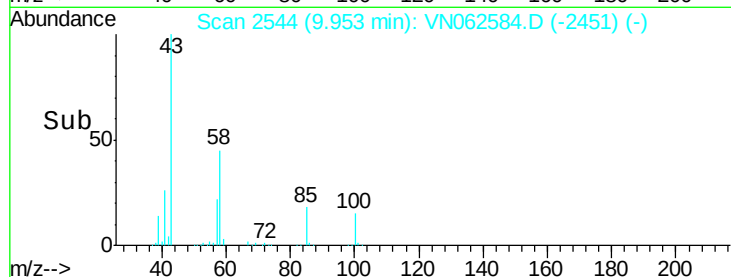


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#52

Toluene

Concen: 52.364 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062584.D

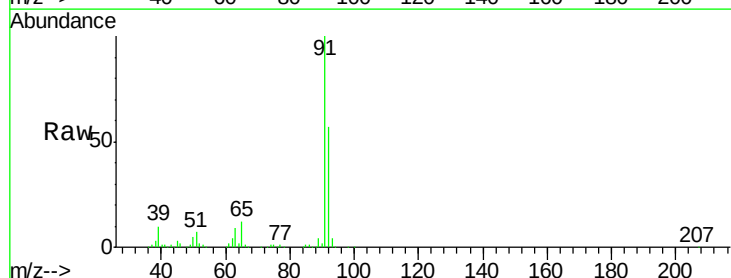
Acq: 21 Jul 2020 20:28

Tgt Ion: 92 Resp: 332216

Ion Ratio Lower Upper

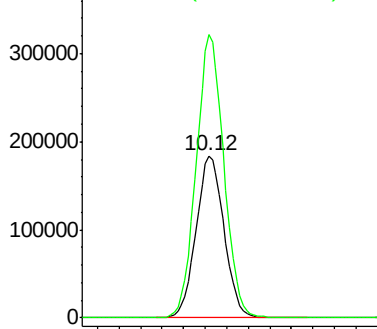
92 100

91 173.2 139.4 209.2

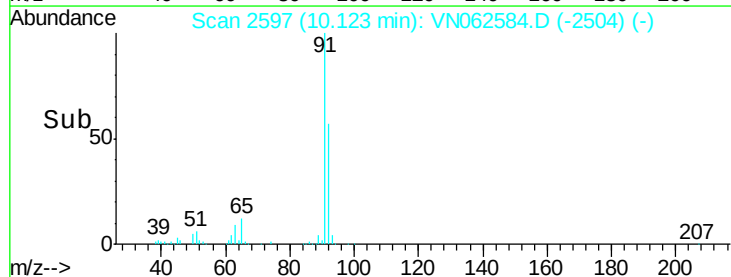


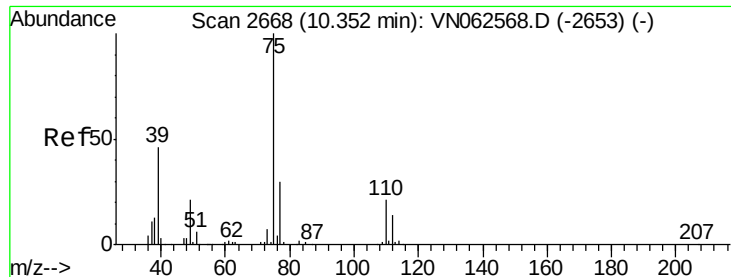
Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->





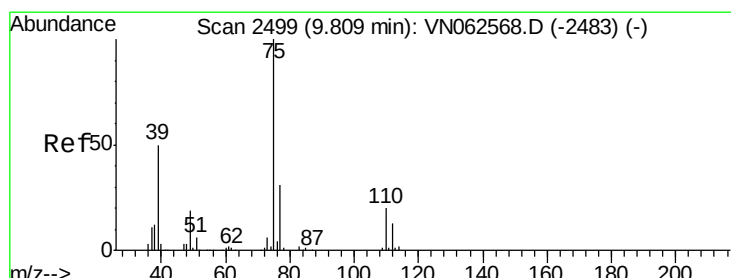
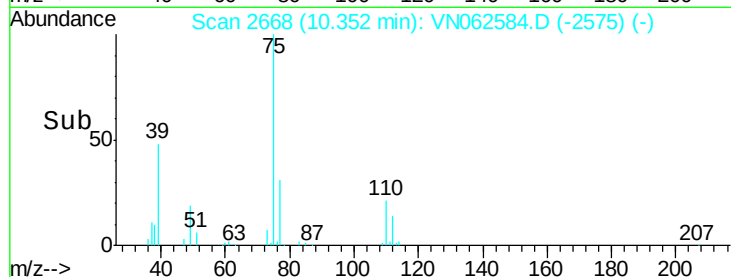
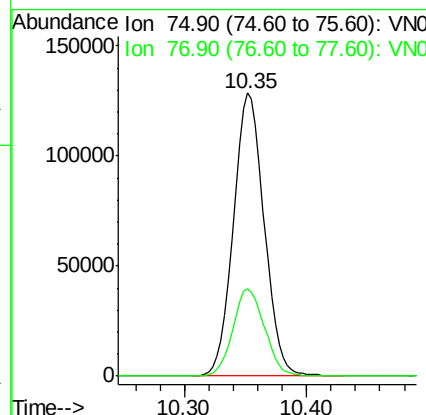
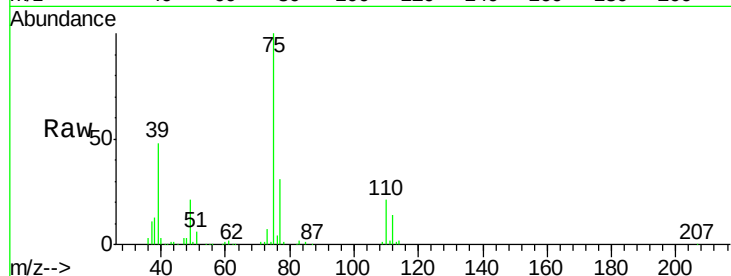
#53
t-1,3-Dichloropropene
Concen: 52.877 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.3	36.5

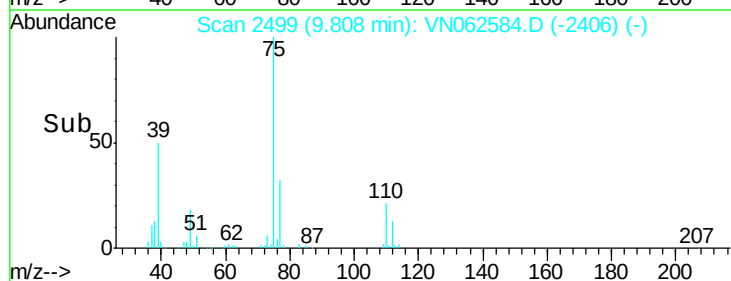
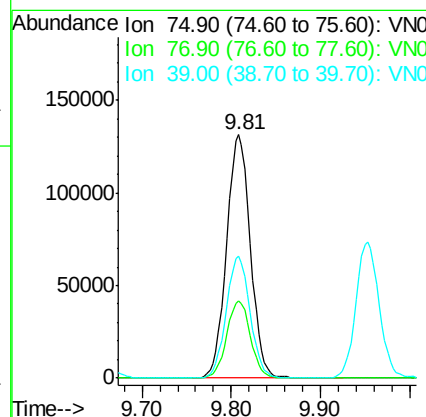
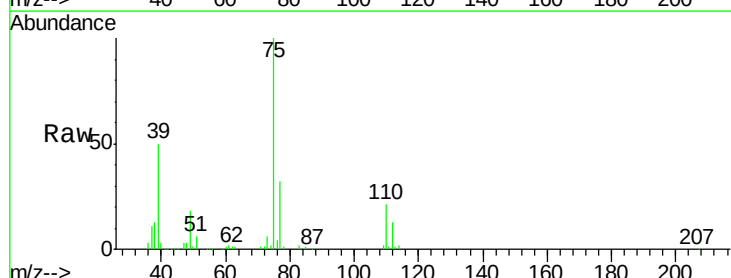
Manual Integrations
APPROVED

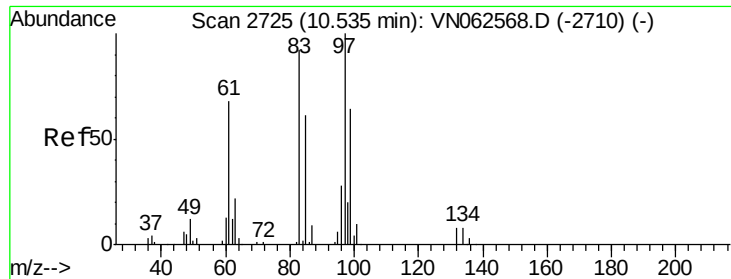
MMDadoda
7/22/2020 2:45:53 PM



#54
cis-1,3-Dichloropropene
Concen: 52.770 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6
39	50.0	39.8	59.8





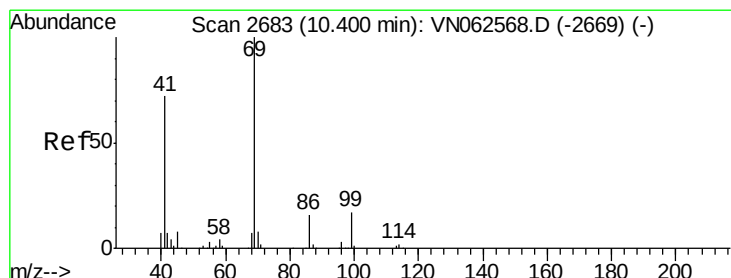
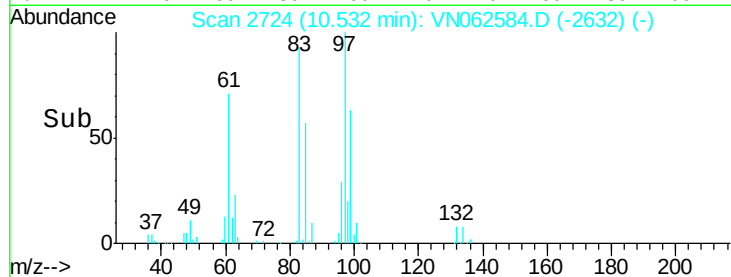
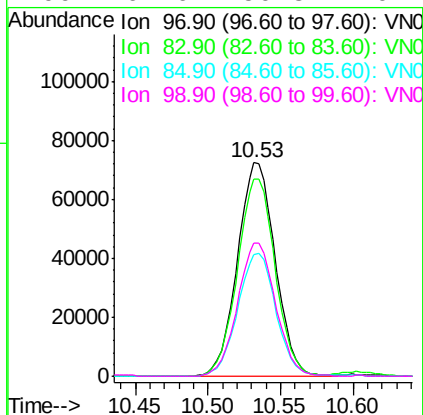
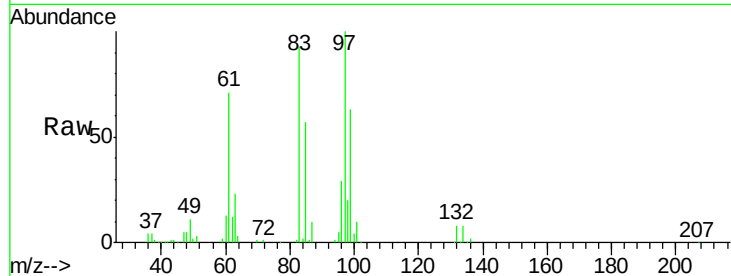
#55
 1,1,2-Trichloroethane
 Concen: 53.277 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	131110
Ion	Ratio	Lower	Upper
97	100		
83	92.5	73.7	110.5
85	56.9	48.5	72.7
99	62.6	50.8	76.2

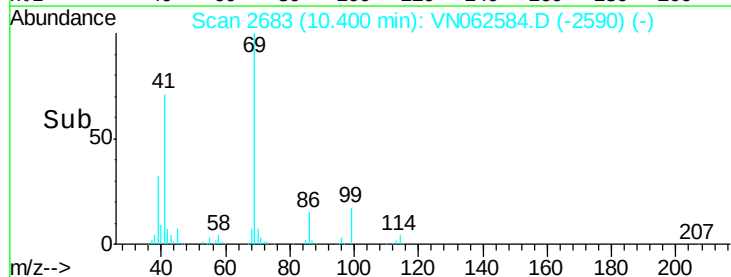
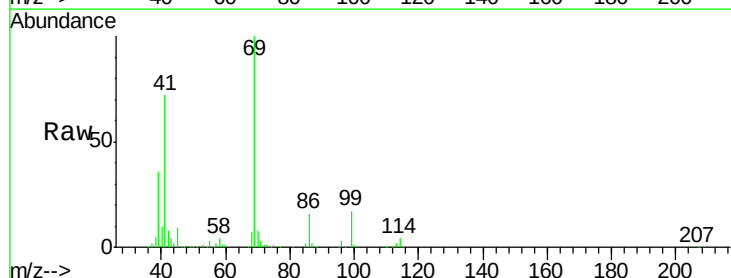
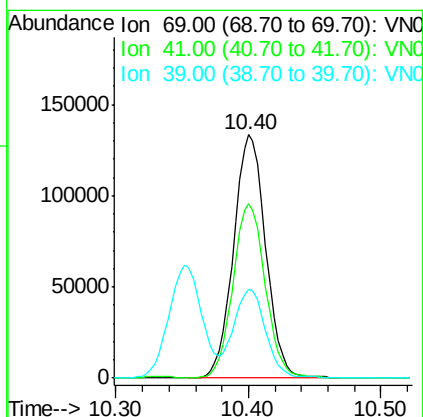
Manual Integrations
 APPROVED

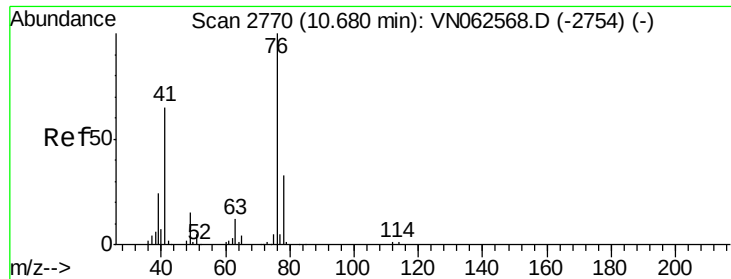
MMDadoda
 7/22/2020 2:45:53 PM



#56
 Ethyl methacrylate
 Concen: 50.826 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion:	69	Resp:	224727
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.2	85.8
39	36.6	28.6	43.0





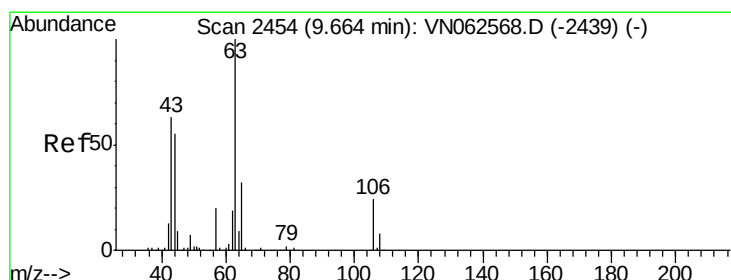
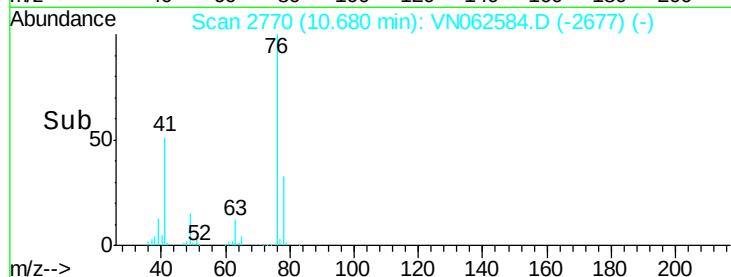
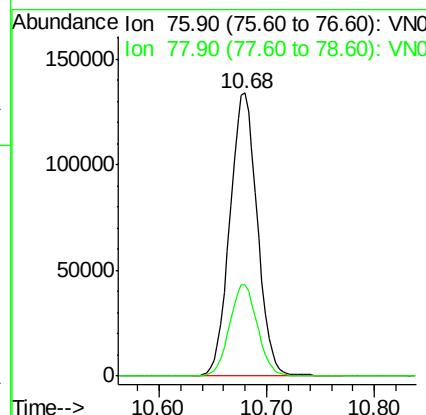
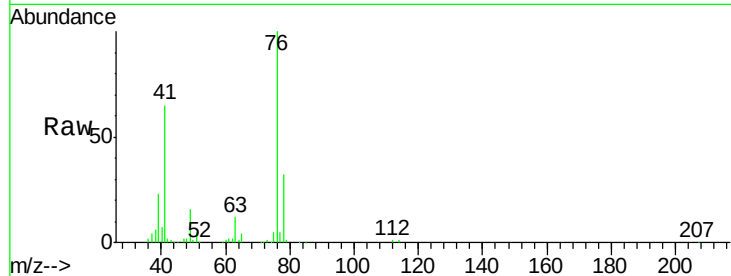
#57
 1,3-Dichloropropane
 Concen: 52.797 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.3	39.5

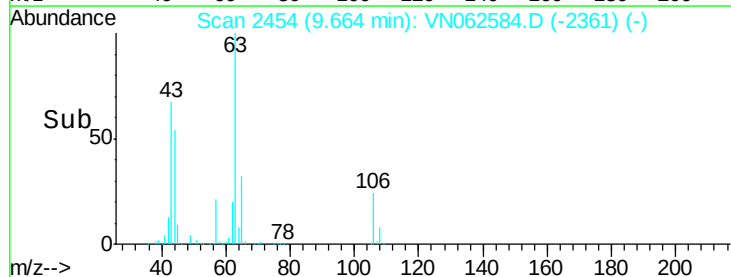
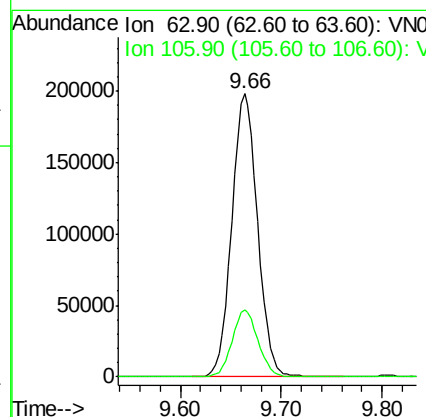
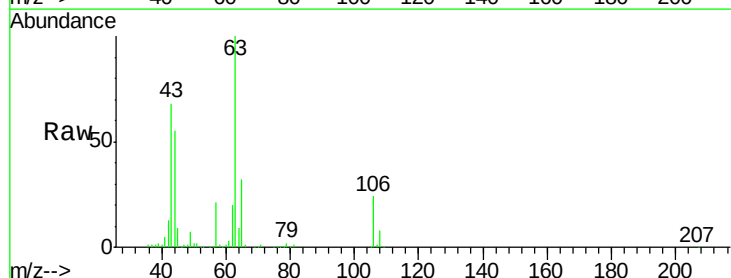
Manual Integrations
 APPROVED

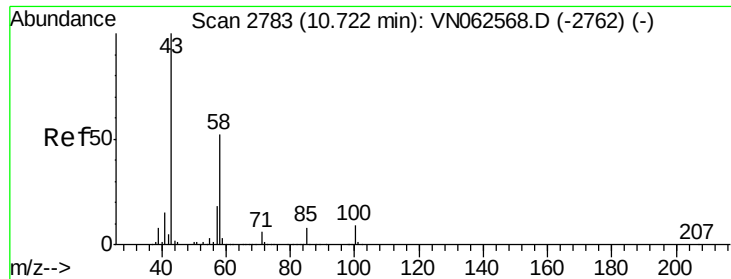
MMDadoda
 7/22/2020 2:45:53 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.117 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.7	18.9	28.3





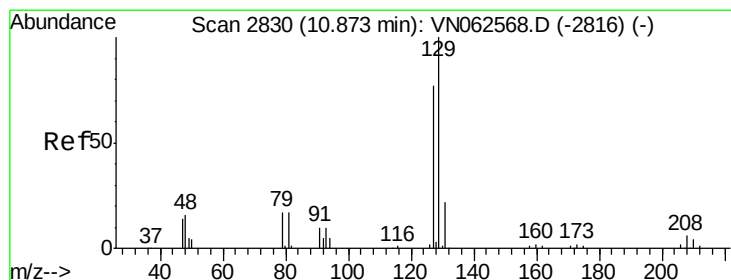
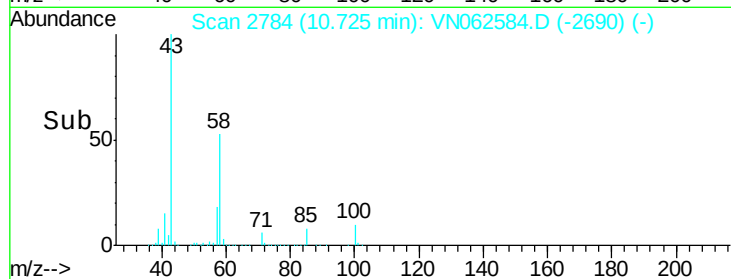
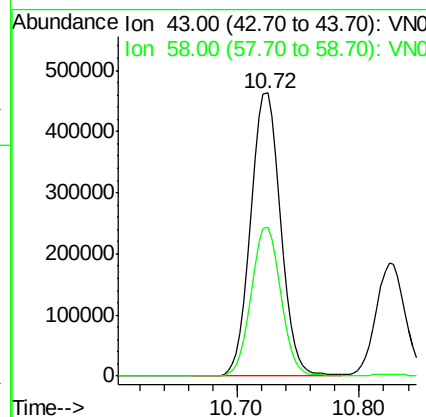
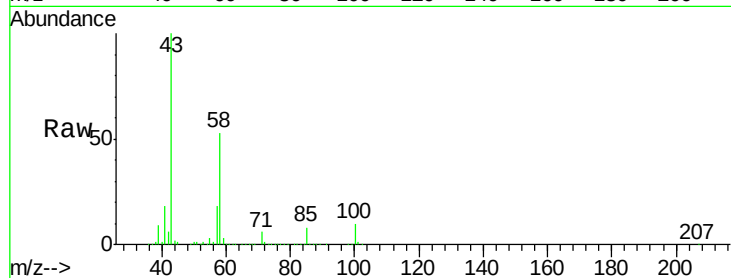
#59
2-Hexanone
Concen: 268.593 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 780101
Ion Ratio Lower Upper
43 100
58 52.2 26.0 78.0

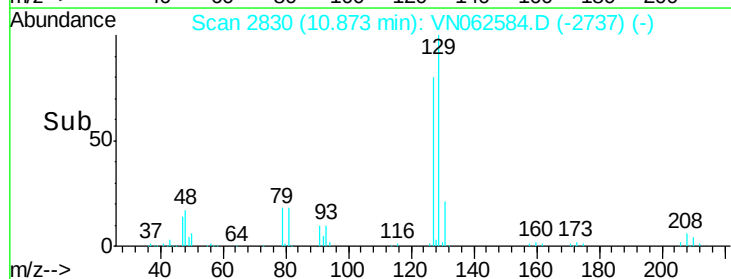
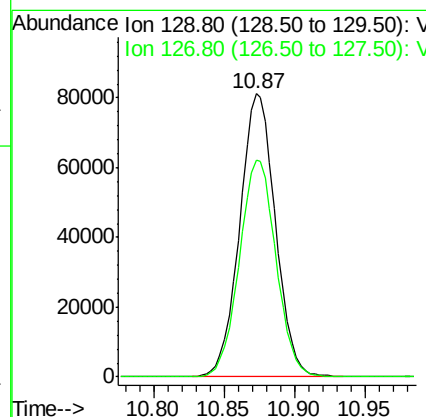
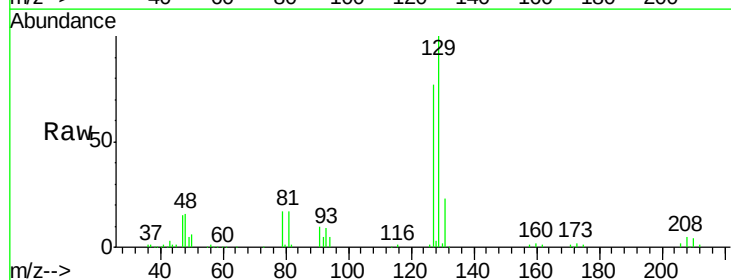
Manual Integrations
APPROVED

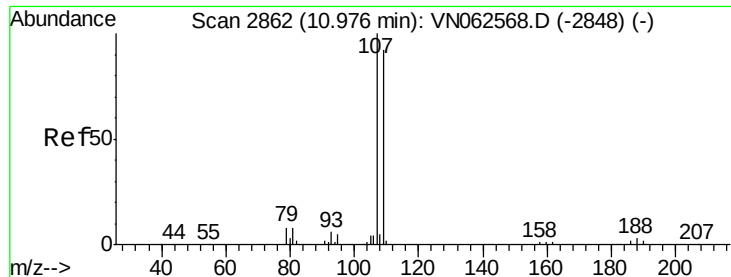
MMDadoda
7/22/2020 2:45:53 PM



#60
Dibromochloromethane
Concen: 52.515 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion: 129 Resp: 144172
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9





#61

1,2-Dibromoethane

Concen: 52.645 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 134903

Ion Ratio Lower Upper

107 100

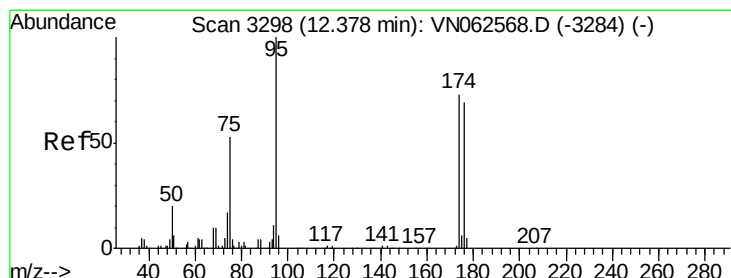
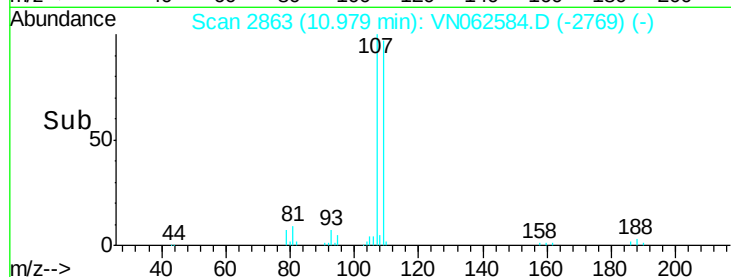
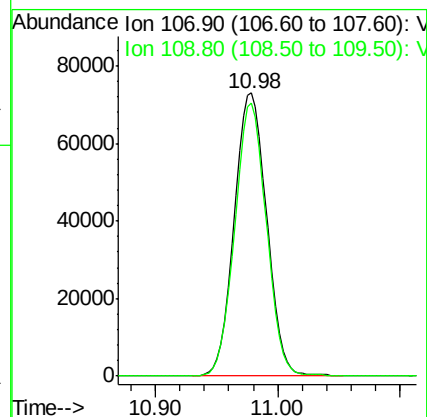
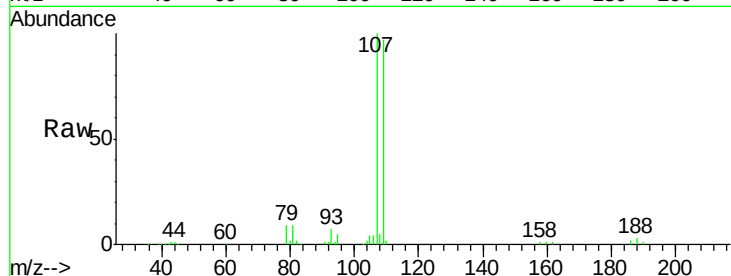
109 94.1 73.8 110.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.703 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

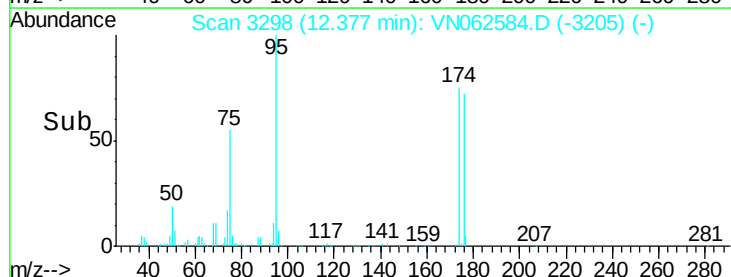
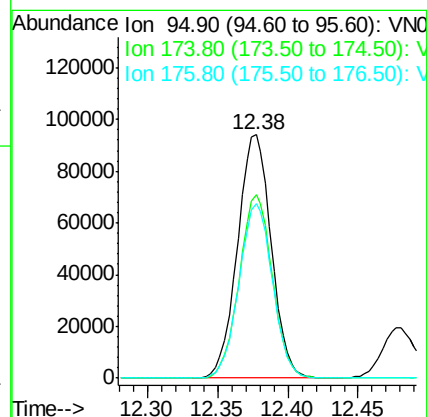
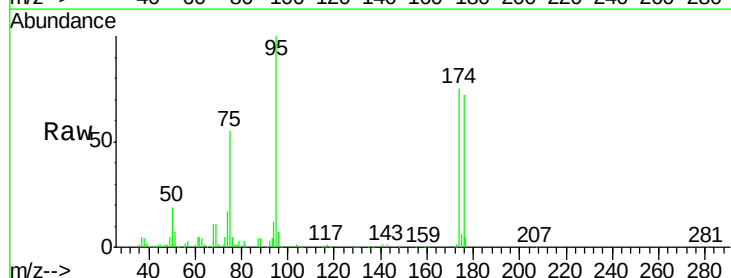
Tgt Ion: 95 Resp: 158021

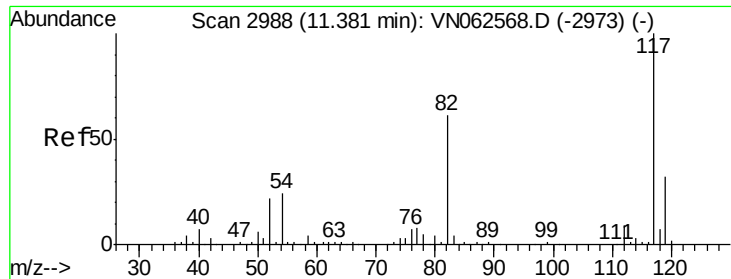
Ion Ratio Lower Upper

95 100

174 74.0 0.0 144.6

176 71.3 0.0 139.4





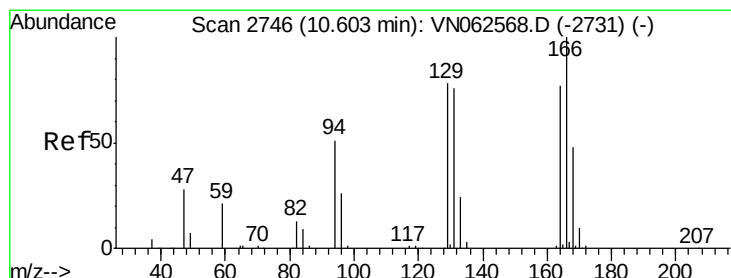
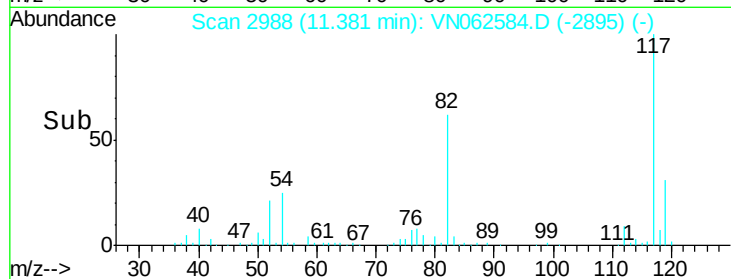
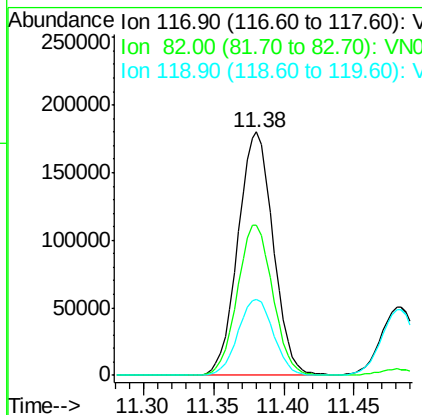
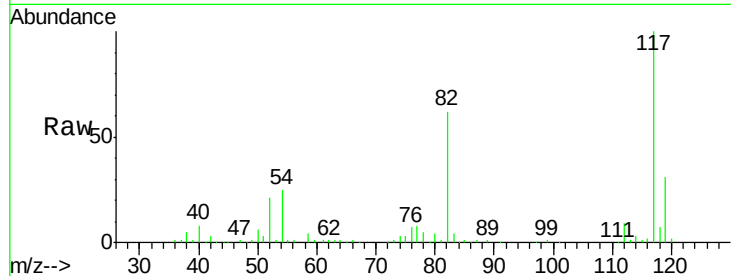
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	49.0	73.6
119	31.4	25.4	38.2

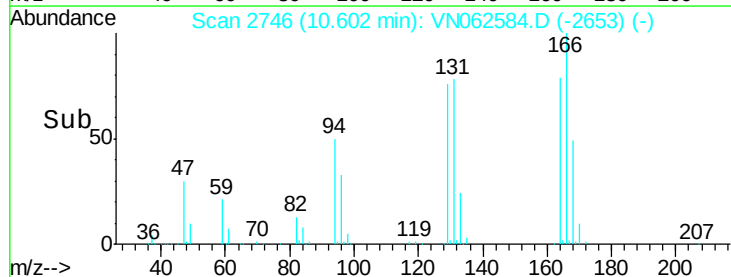
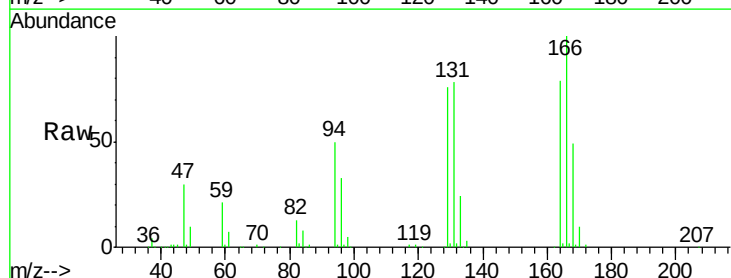
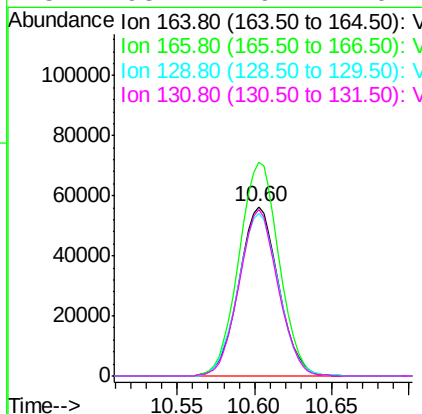
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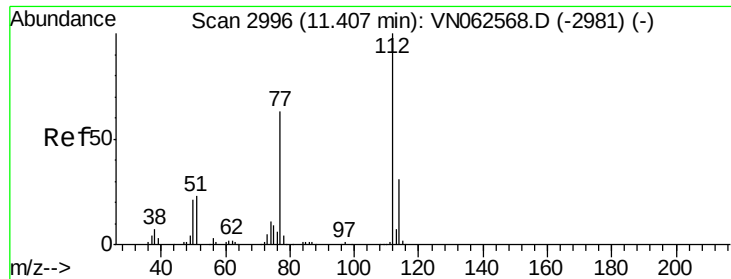
MMDadoda
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#64
Tetrachloroethene
Concen: 48.953 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.4	156.6
129	96.0	81.0	121.4
131	98.4	79.4	119.2





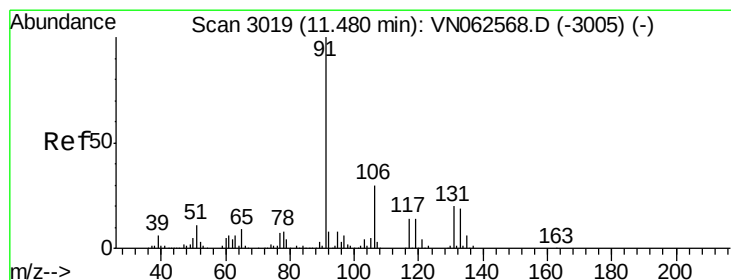
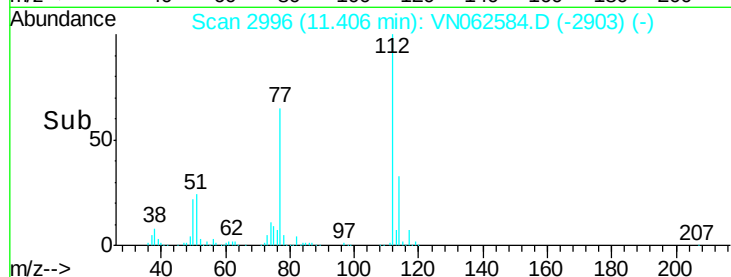
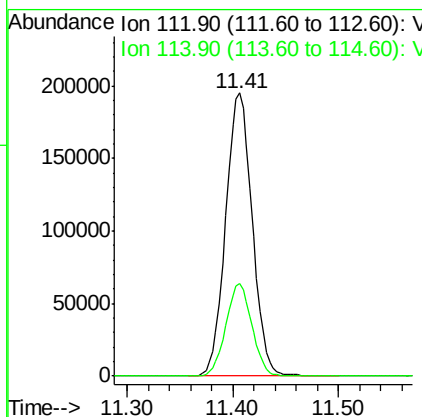
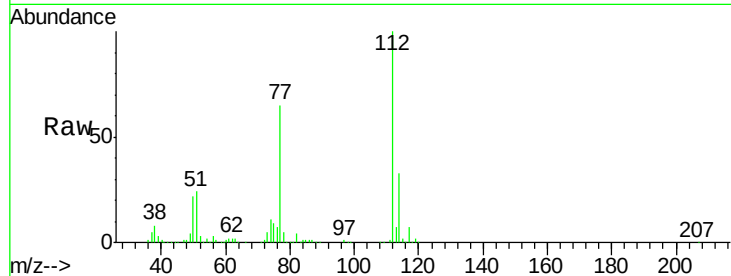
#65
Chlorobenzene
Concen: 51.257 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.1	37.7

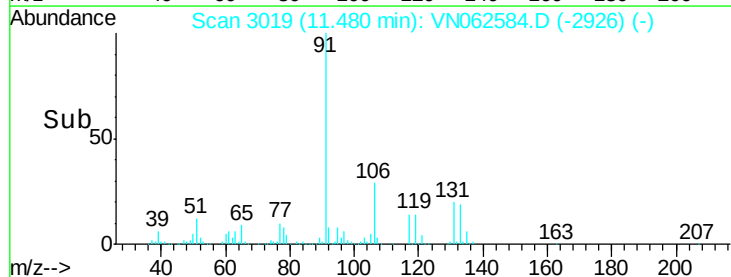
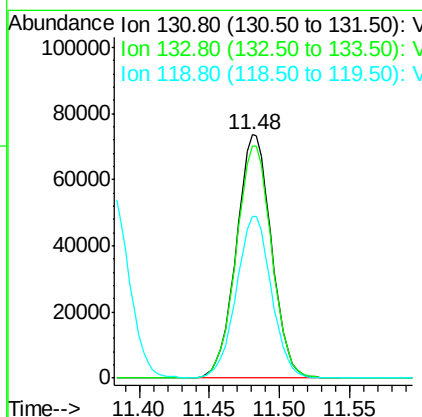
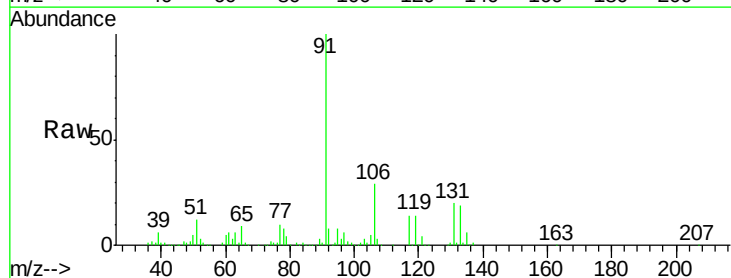
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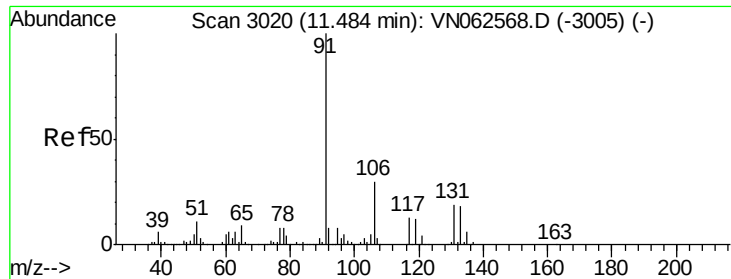
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.537 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	142.0
119	66.4	33.7	101.0





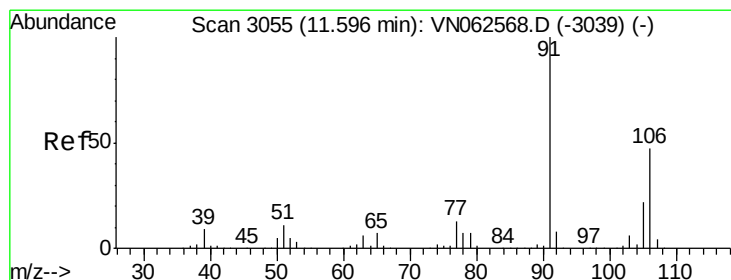
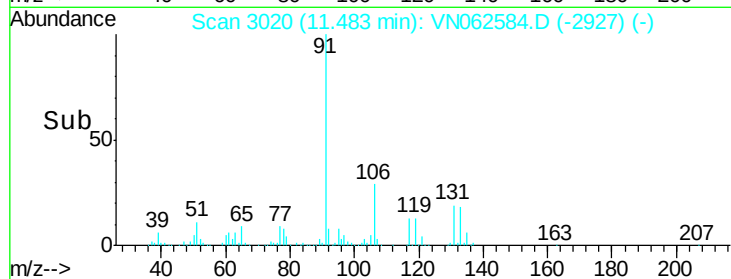
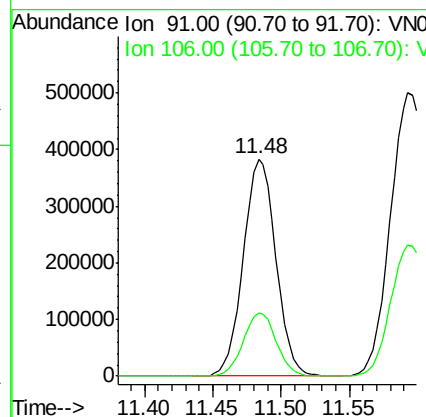
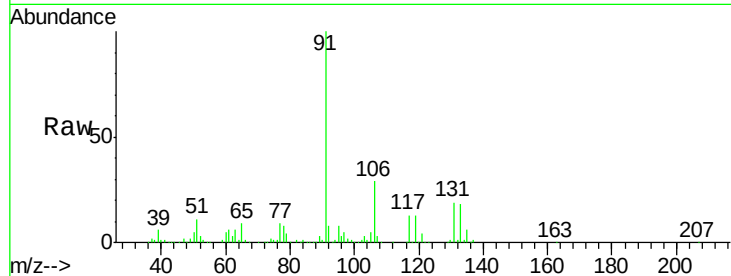
#67
Ethyl Benzene
Concen: 52.308 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 635048
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8

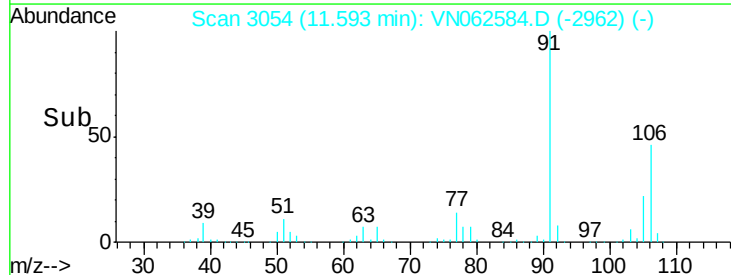
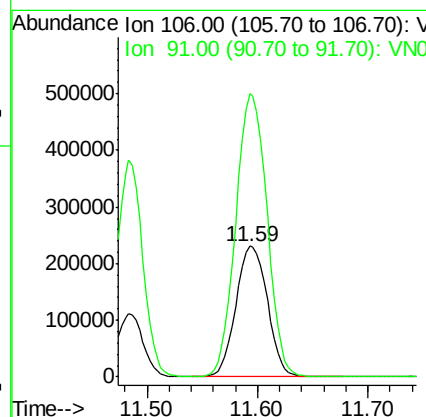
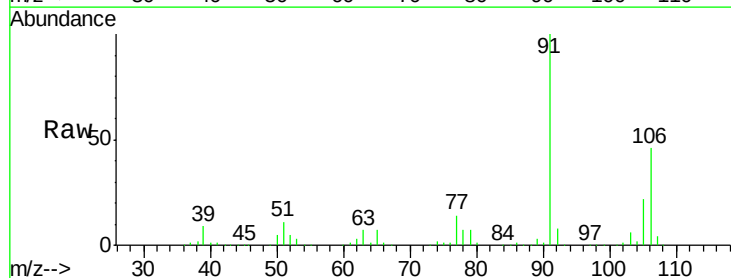
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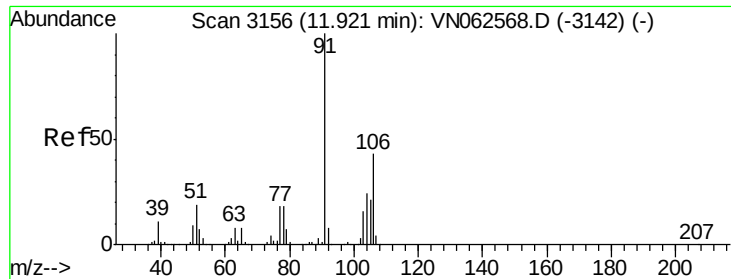
MMDadoda
7/22/2020 2:45:53 PM



#68
m/p-Xylenes
Concen: 104.651 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion: 106 Resp: 456659
Ion Ratio Lower Upper
106 100
91 215.4 171.4 257.2





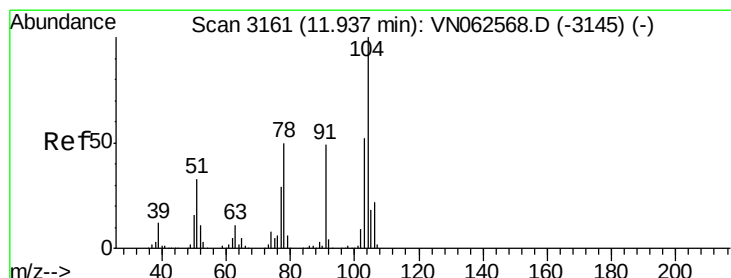
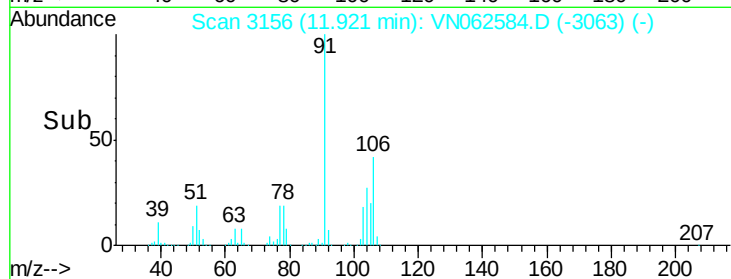
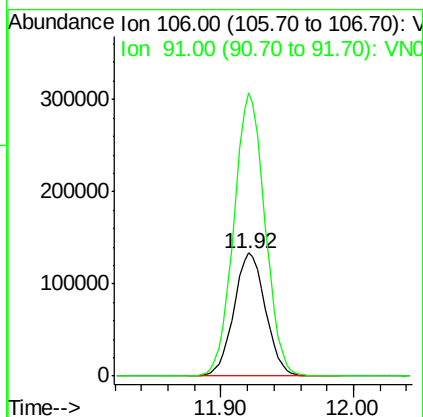
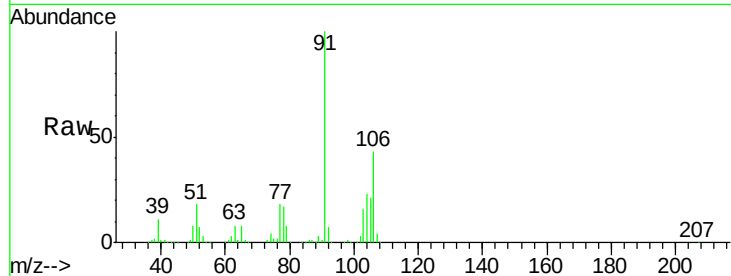
#69
o-Xylene
Concen: 53.331 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	226.6	113.8	341.2

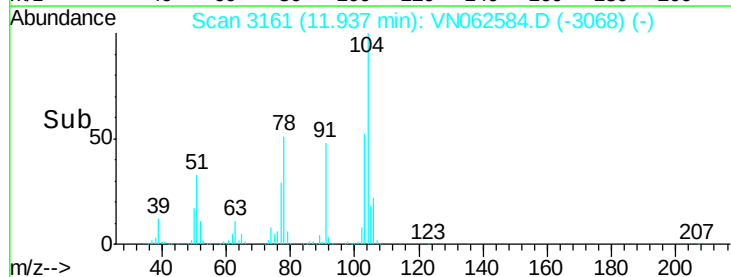
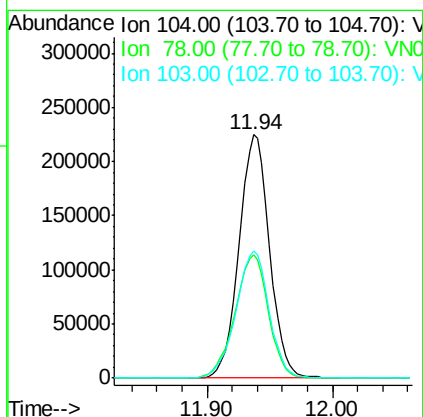
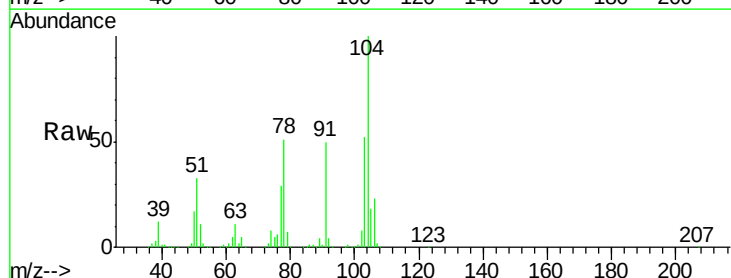
Manual Integrations
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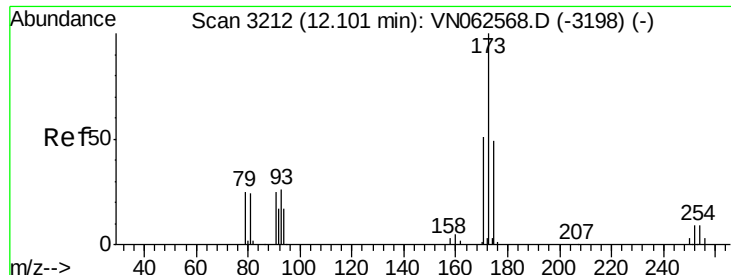
MMDadoda
7/22/2020 2:45:53 PM



#70
Styrene
Concen: 54.296 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.4	43.8	65.6
103	56.5	44.0	66.0





#71

Bromoform

Concen: 54.677 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 102262

Ion Ratio Lower Upper

173 100

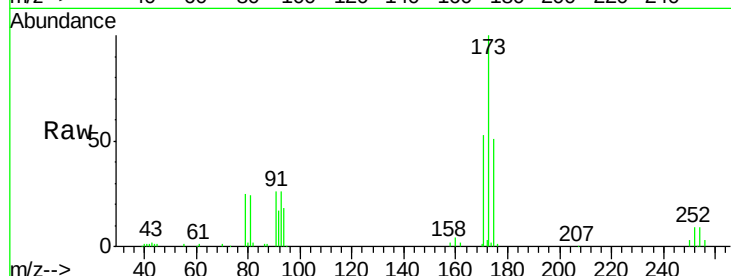
175 49.7 24.1 72.2

254 0.0 0.0 0.0

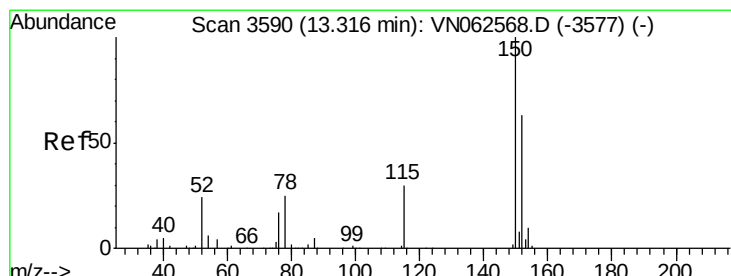
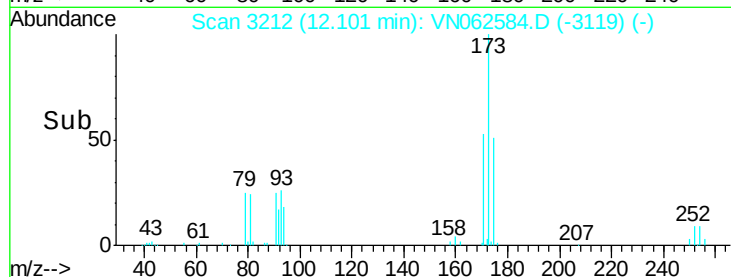
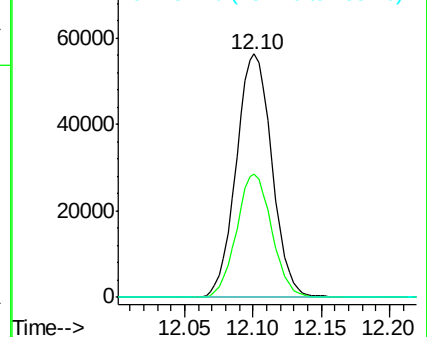
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

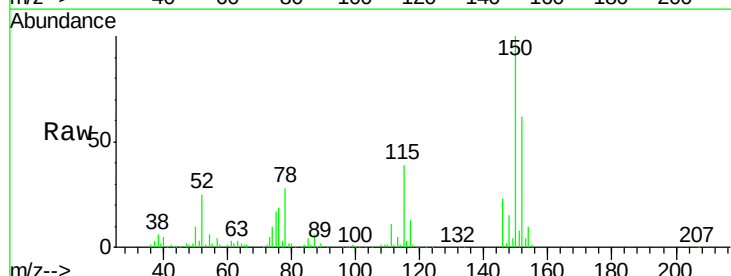
Tgt Ion:152 Resp: 146043

Ion Ratio Lower Upper

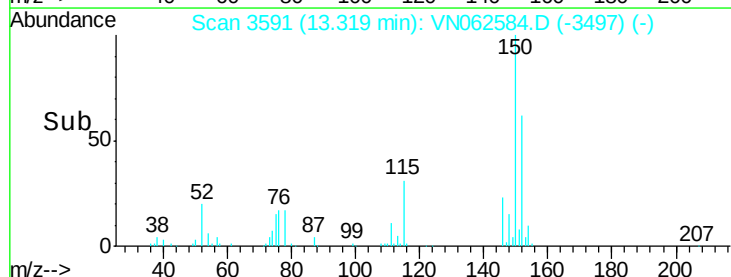
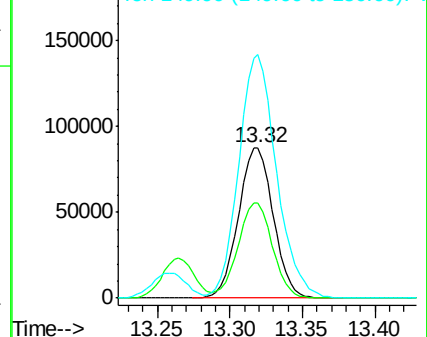
152 100

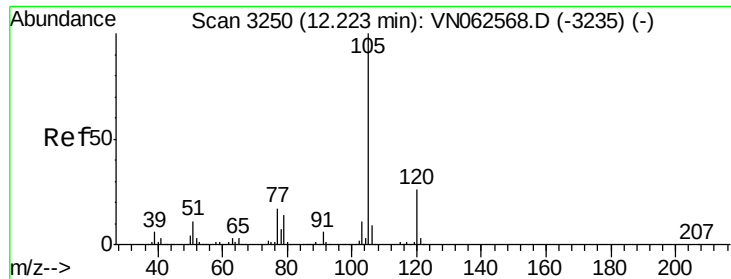
115 62.7 31.8 95.4

150 174.4 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: 51.469 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 594355

Ion Ratio Lower Upper

105 100

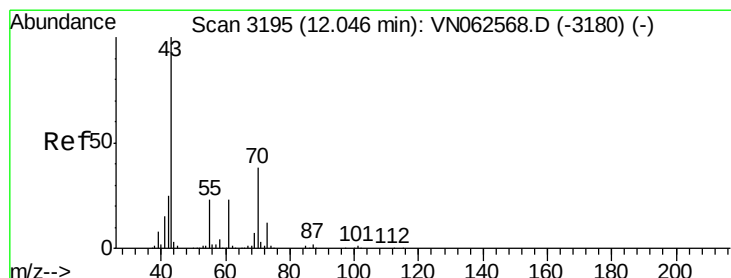
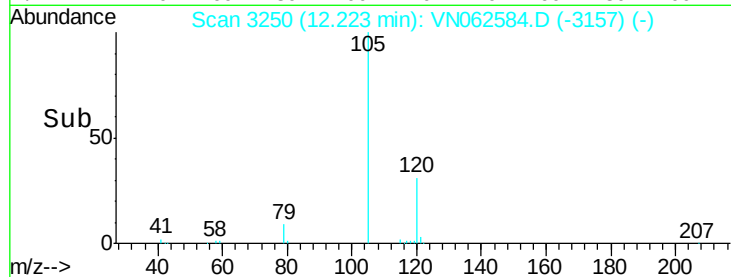
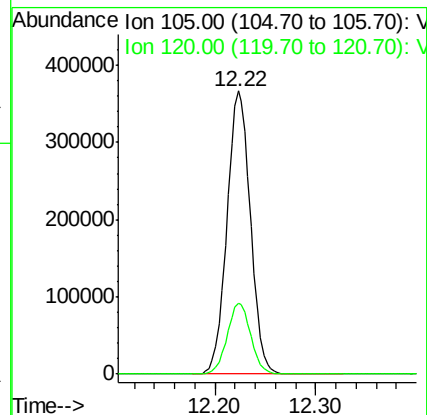
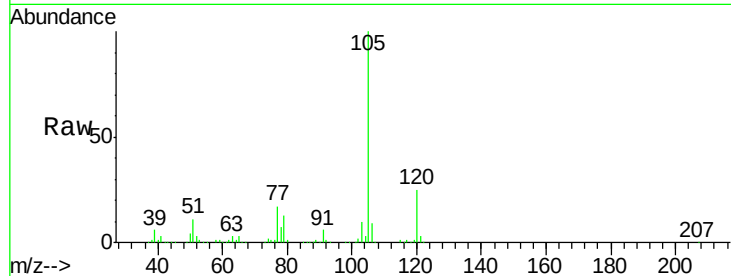
120 25.2 12.8 38.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 58.273 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Tgt Ion: 43 Resp: 300516

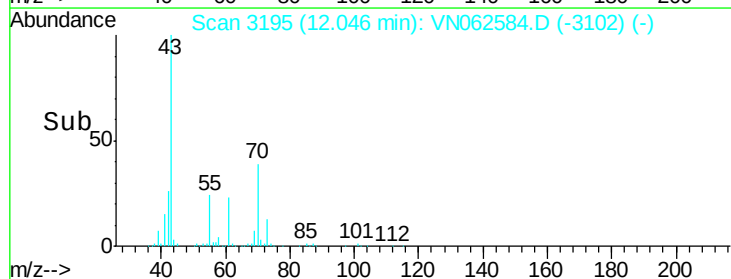
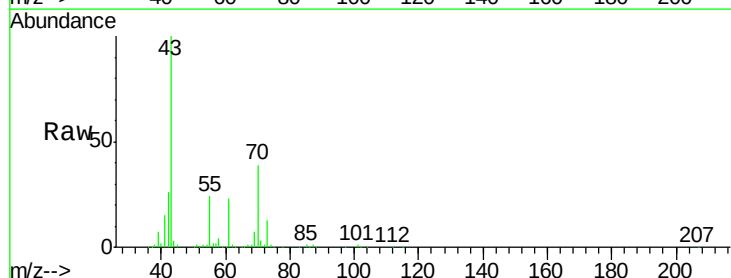
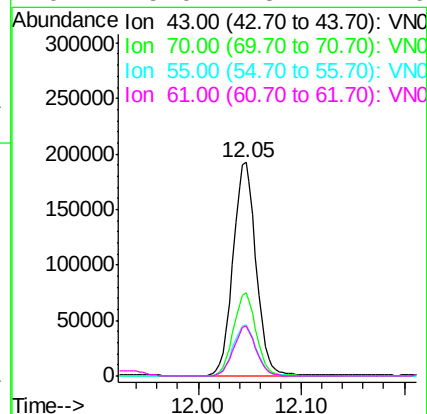
Ion Ratio Lower Upper

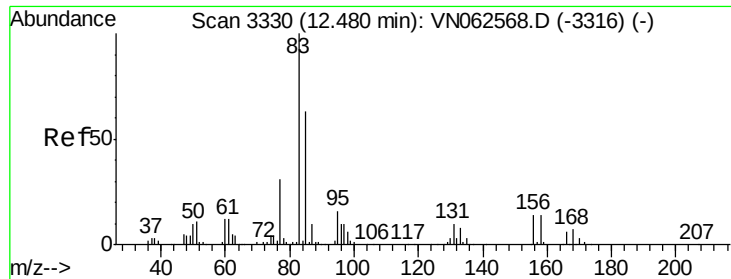
43 100

70 38.5 30.5 45.7

55 24.4 19.0 28.6

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.176 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

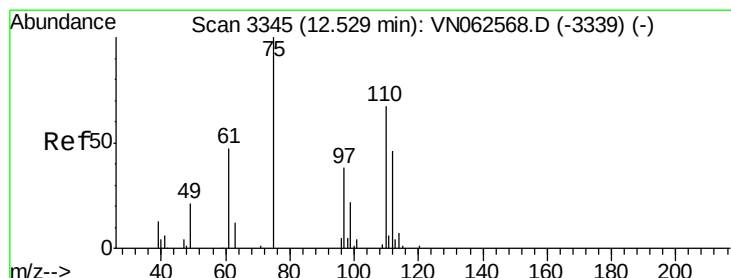
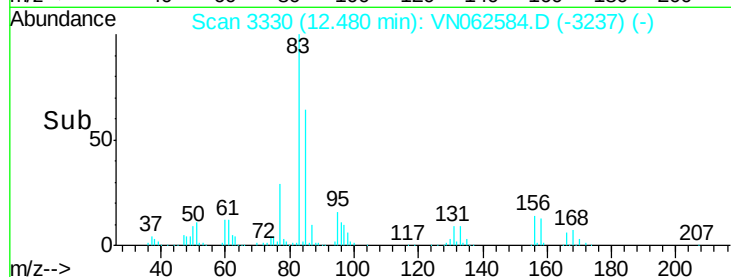
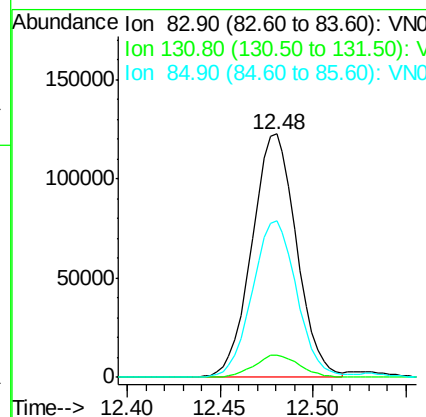
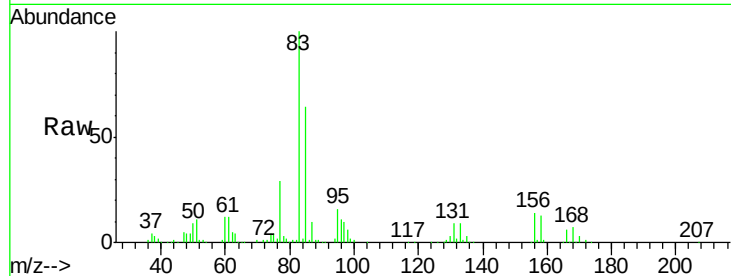
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	205360
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	64.1	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.860 ug/l m

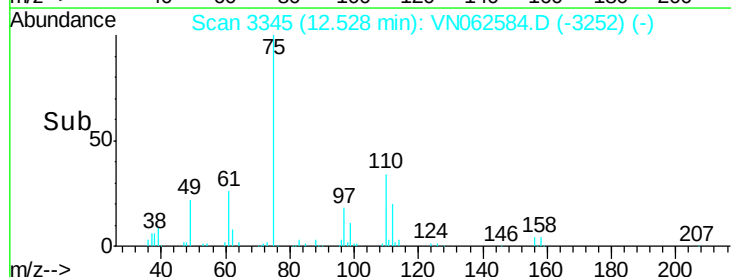
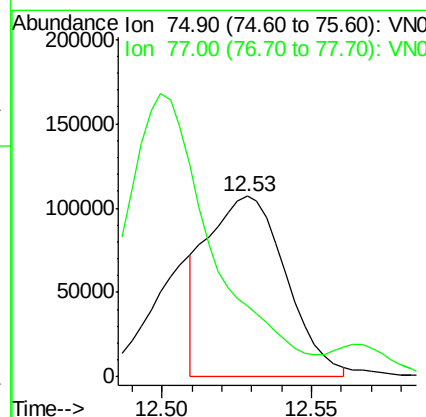
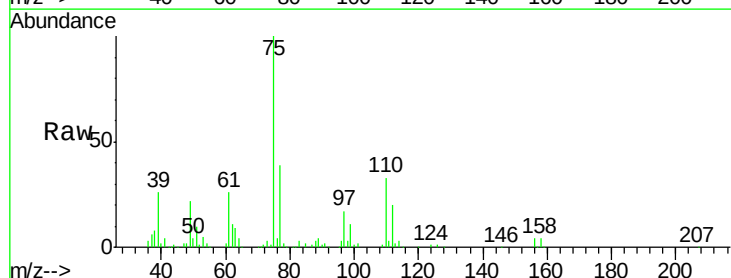
RT: 12.53 min Scan# 3345

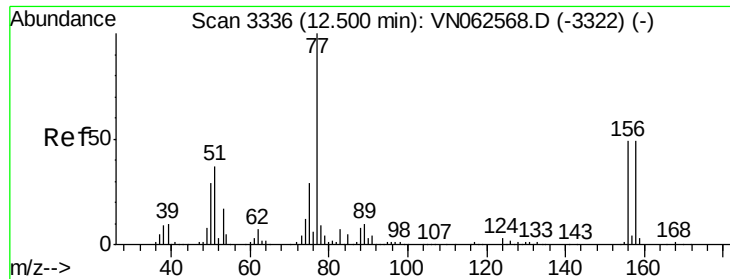
Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Tgt Ion:	75	Resp:	196498
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.934 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

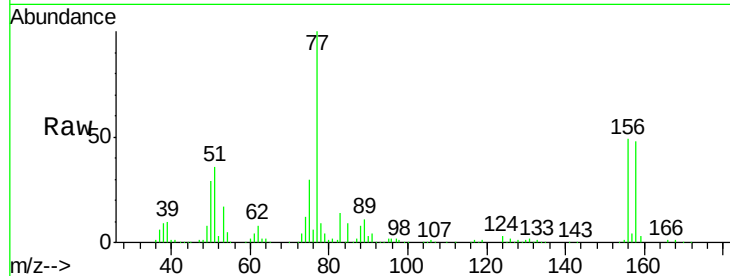
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	141348
Ion Ratio	Lower	Upper	
156	100		
77	242.3	122.8	368.3
158	97.6	49.4	148.0

Manual Integrations
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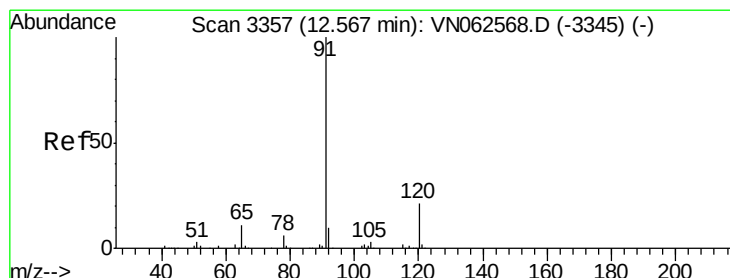
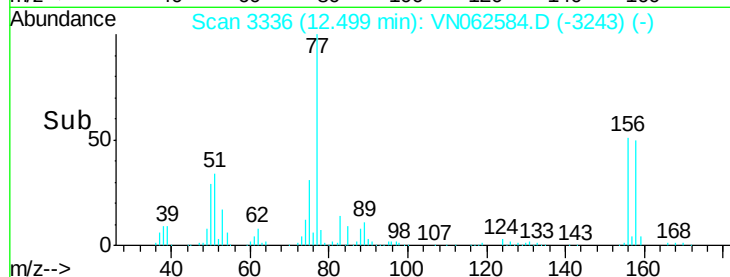
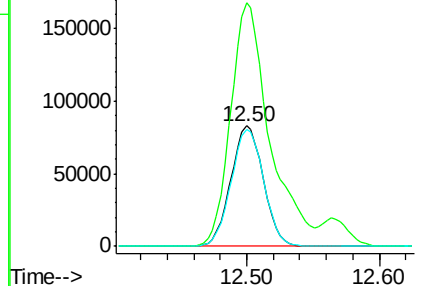
MMDadoda
7/22/2020 2:45:53 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.592 ug/l

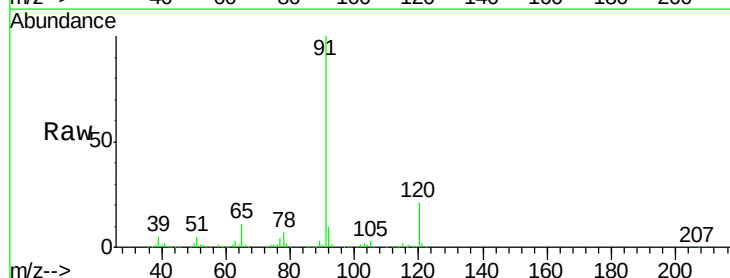
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062584.D

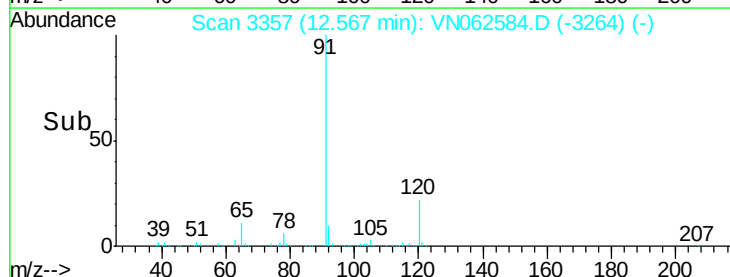
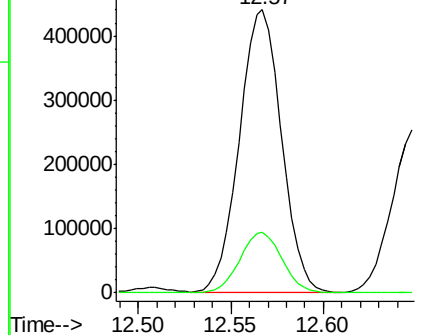
Acq: 21 Jul 2020 20:28

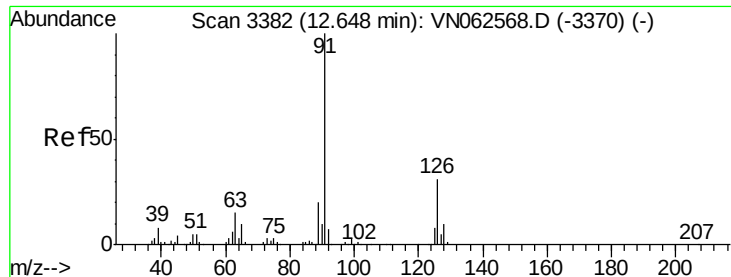
Tgt Ion:	91	Resp:	697867
Ion Ratio	Lower	Upper	
91	100		
120	21.4	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.907 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 424368

Ion Ratio Lower Upper

91 100

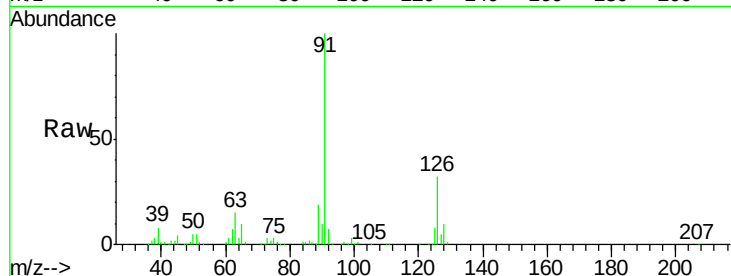
126 31.7 15.9 47.6

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Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062568.D (-3370) (-)

400000

300000

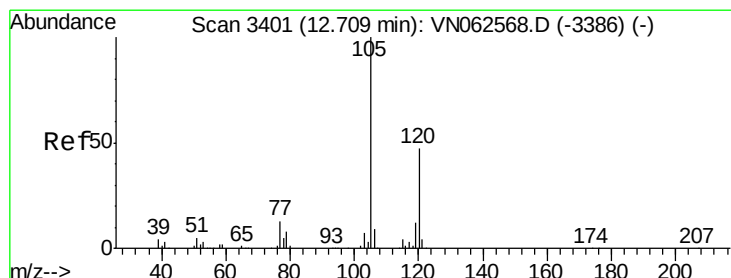
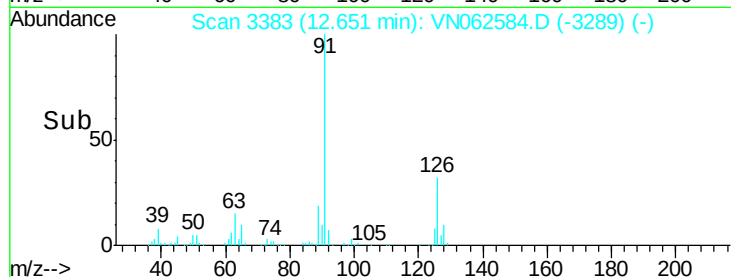
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.627 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062584.D

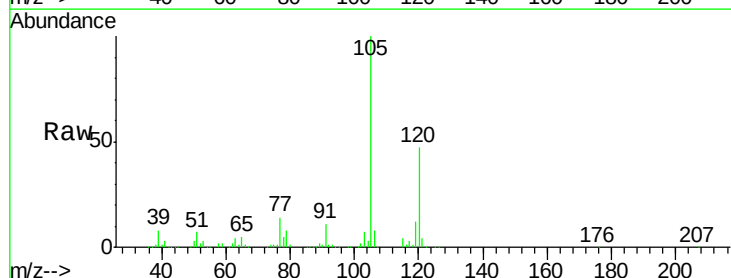
Acq: 21 Jul 2020 20:28

Tgt Ion: 105 Resp: 504108

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062568.D (-3386) (-)

Ion 120.00 (119.70 to 120.70): VN062568.D (-3386) (-)

300000

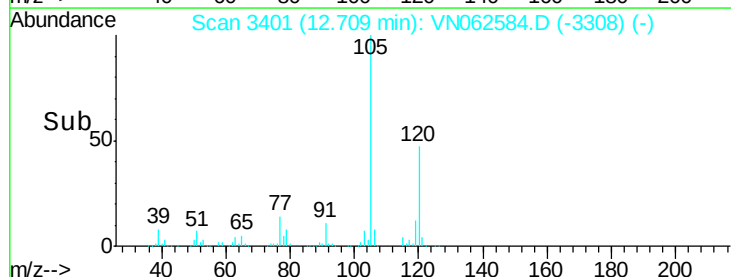
200000

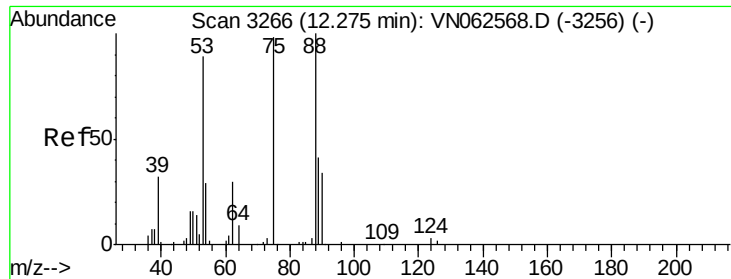
100000

0

12.60 12.70 12.80

Time-->





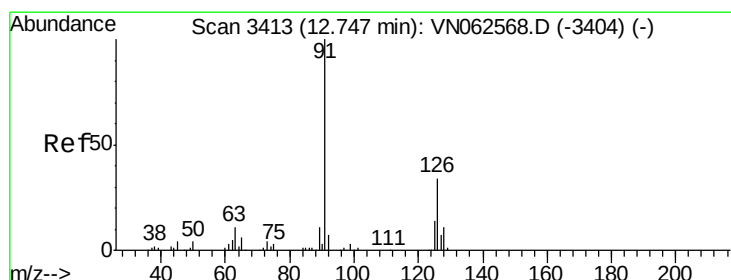
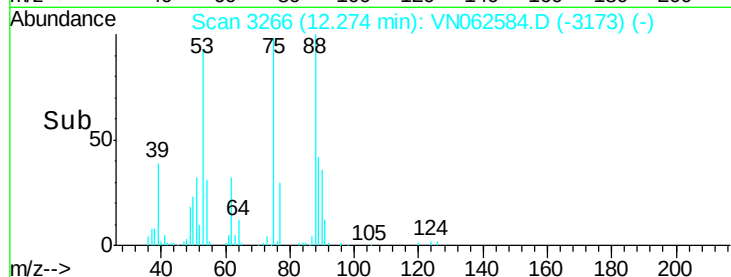
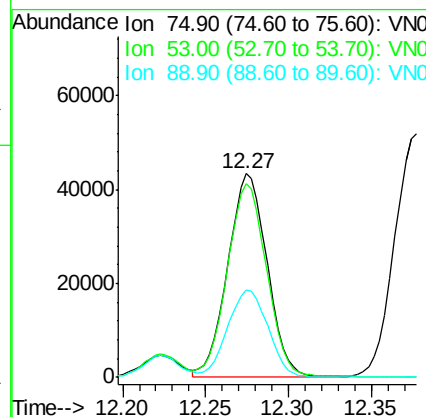
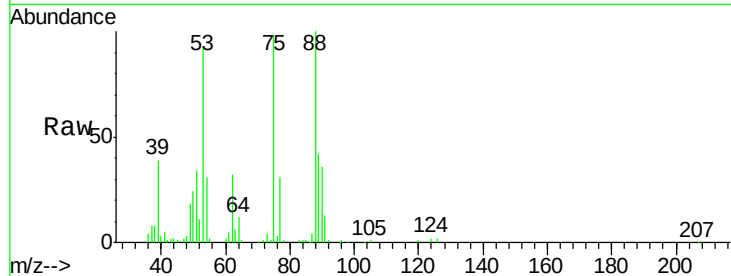
#81
trans-1,4-Dichloro-2-butene
Concen: 53.196 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.0	75.4	113.0
89	44.6	34.5	51.7

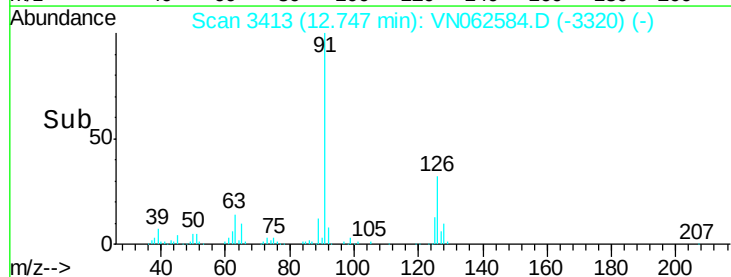
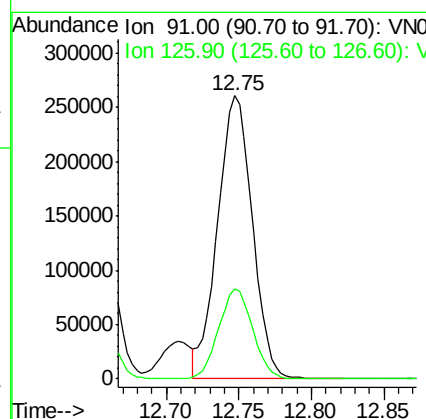
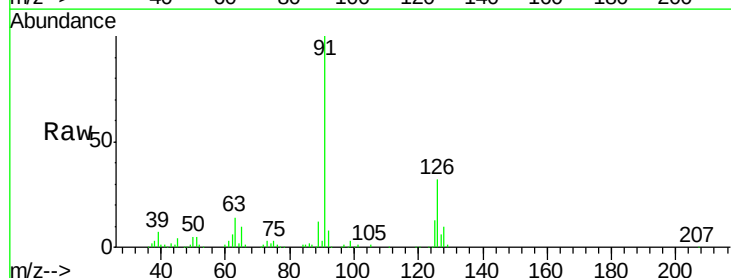
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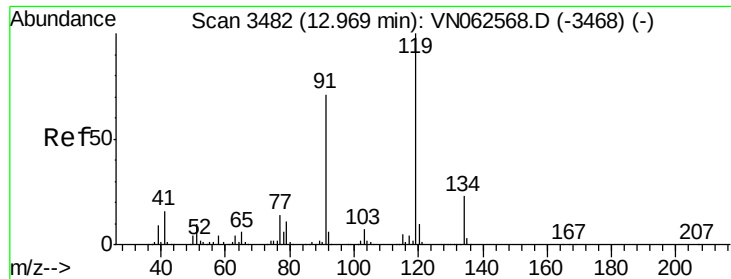
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.773 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





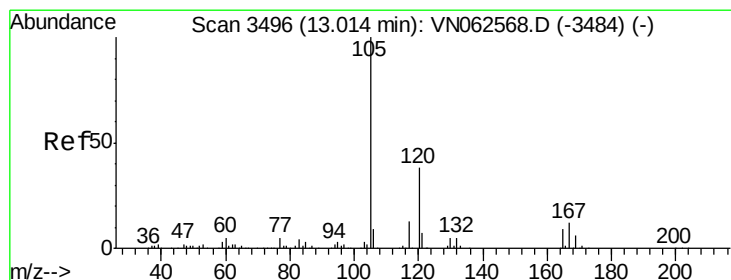
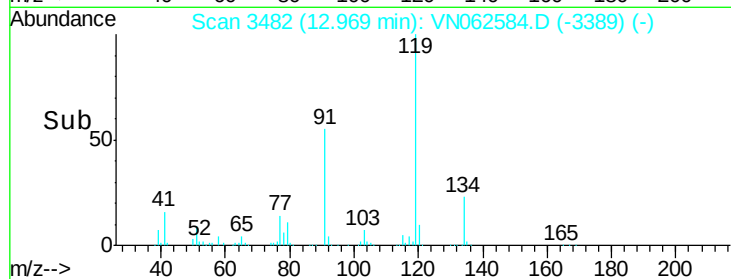
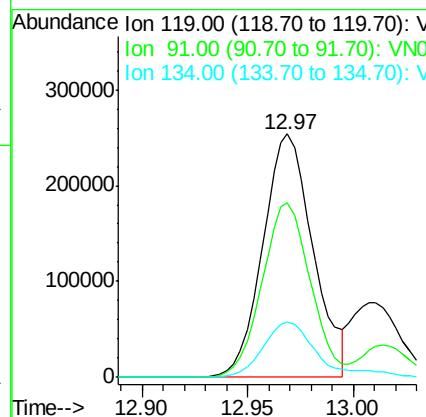
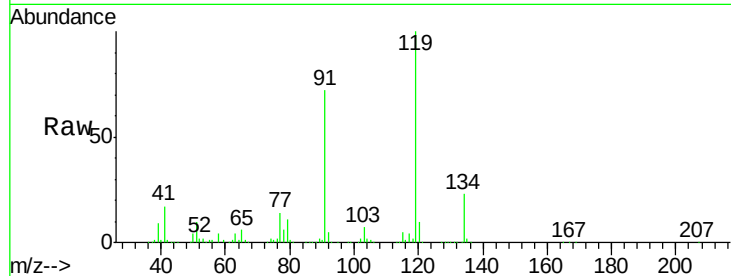
#83
 tert-Butylbenzene
 Concen: 52.782 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.6	103.8
134	24.8	11.5	34.4

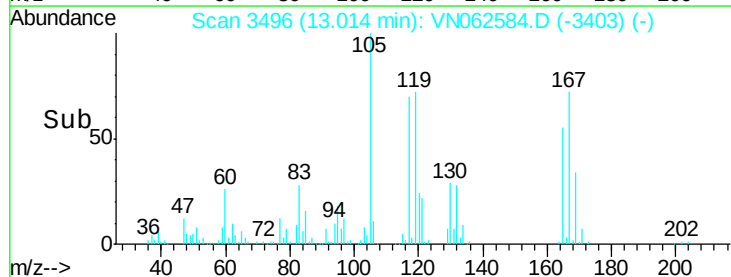
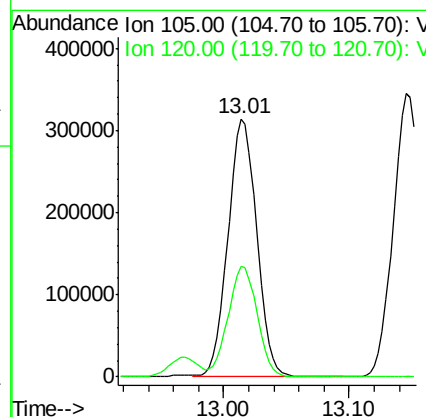
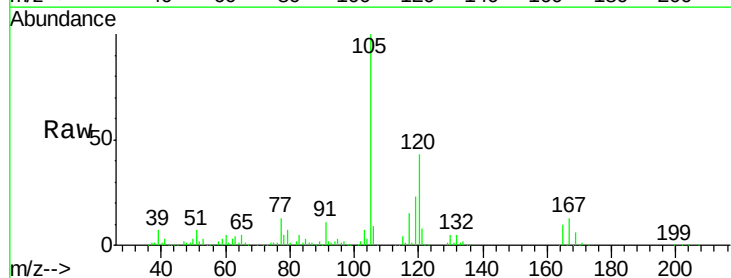
Manual Integrations
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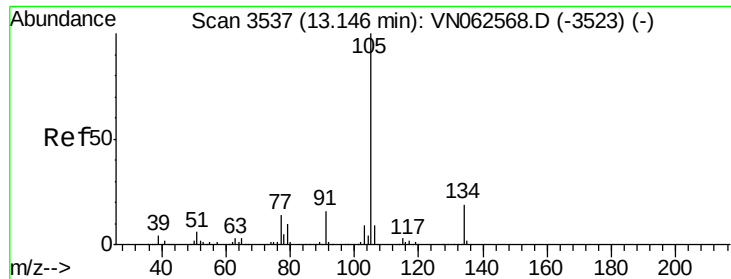
MMDadoda
 7/22/2020 2:45:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.038 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.3





#85

sec-Butylbenzene

Concen: 51.690 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 550425

Ion Ratio Lower Upper

105 100

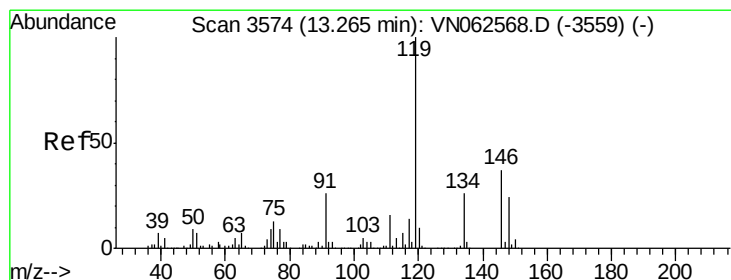
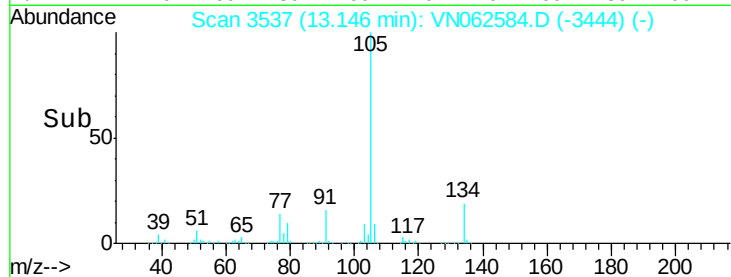
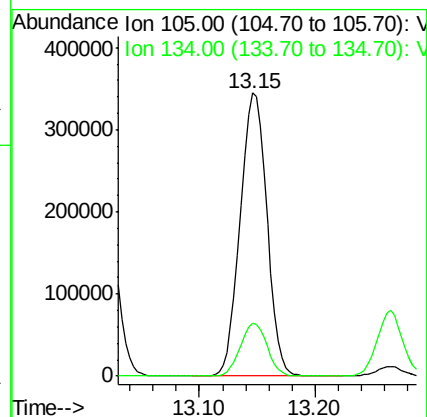
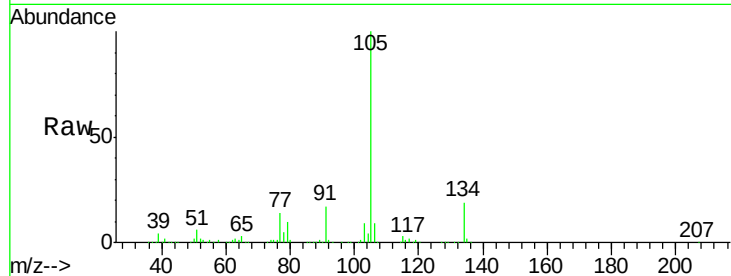
134 18.7 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.736 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062584.D

Acq: 21 Jul 2020 20:28

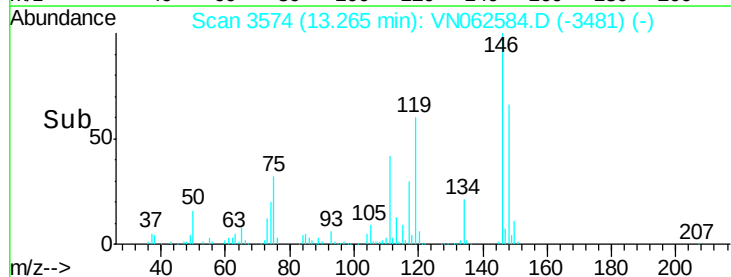
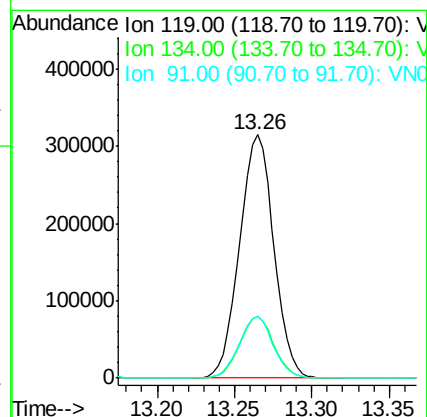
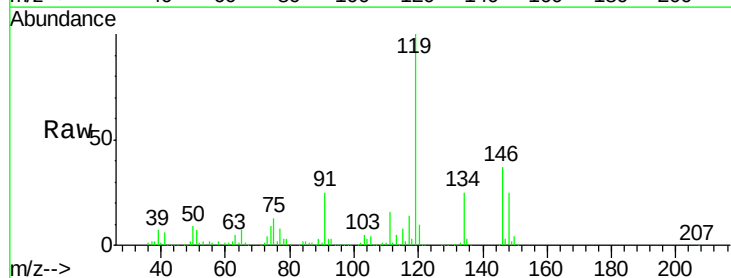
Tgt Ion:119 Resp: 482989

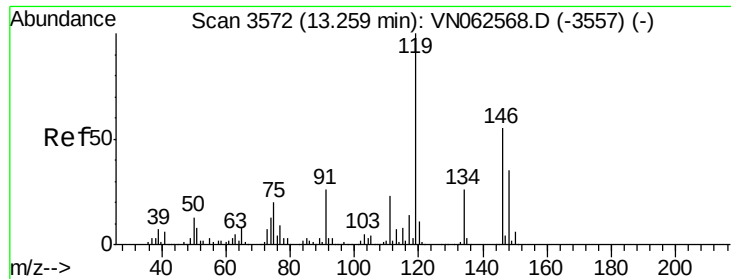
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 25.2 12.7 38.1





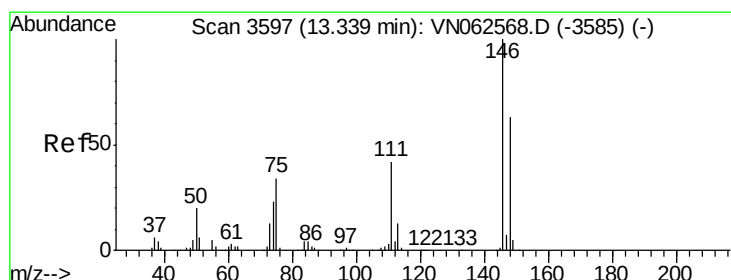
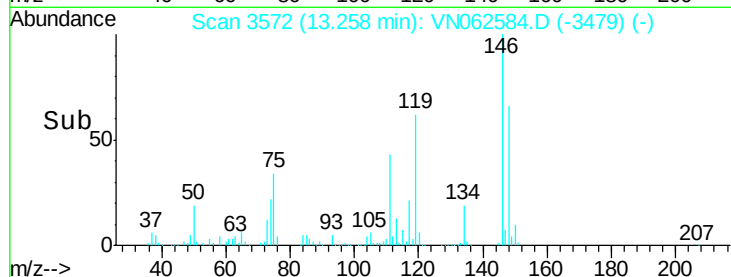
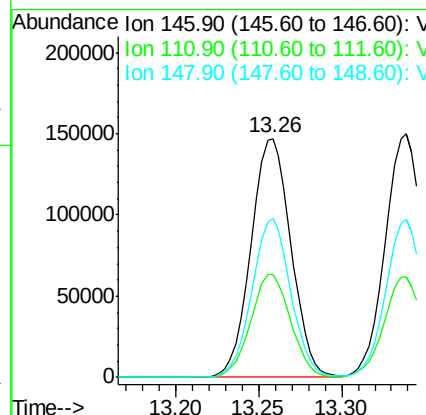
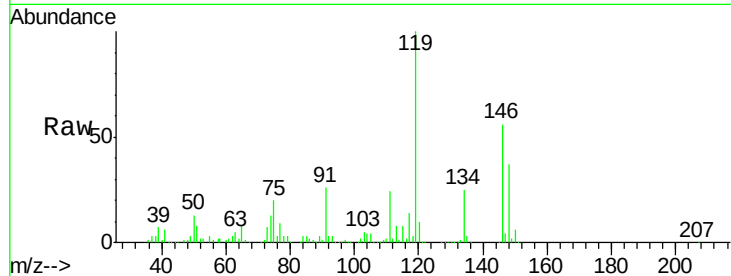
#87
 1,3-Dichlorobenzene
 Concen: 50.566 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	64.6
148	64.5	31.8	95.4

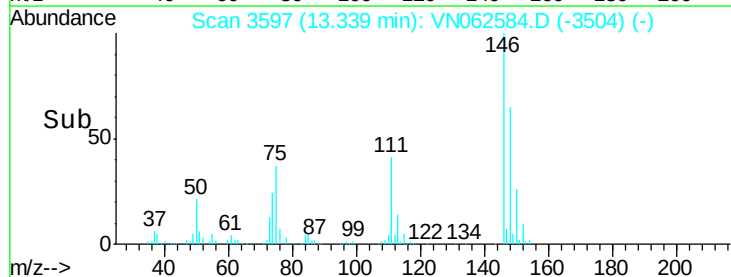
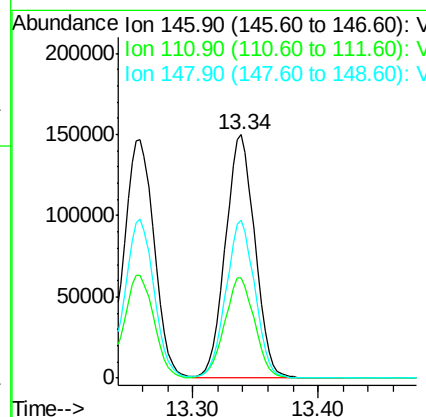
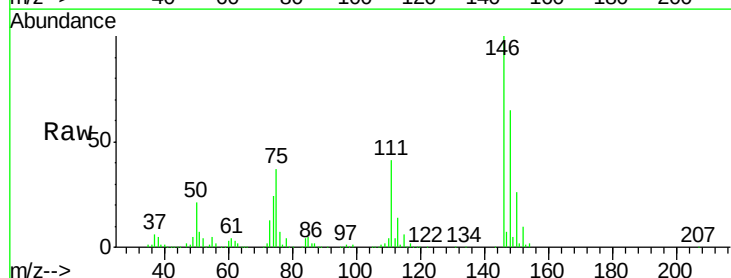
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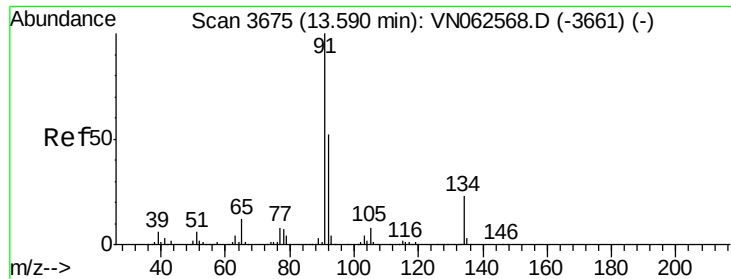
MMDadoda
 7/22/2020 2:45:53 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.877 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.1
148	63.9	31.6	94.8





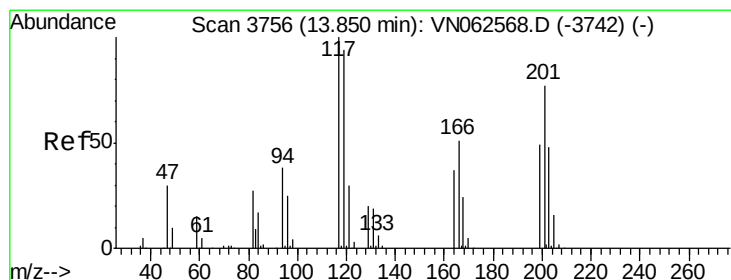
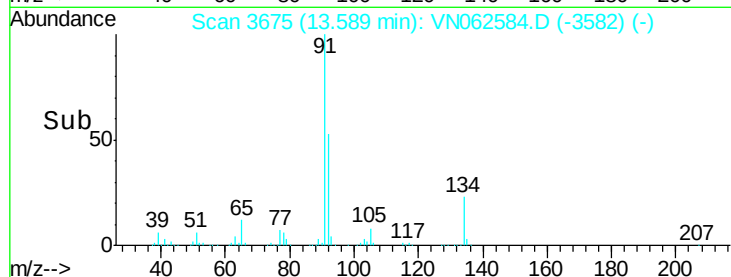
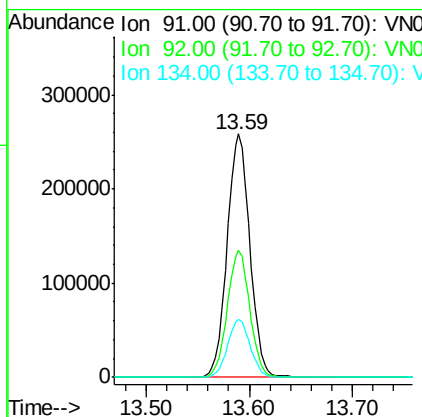
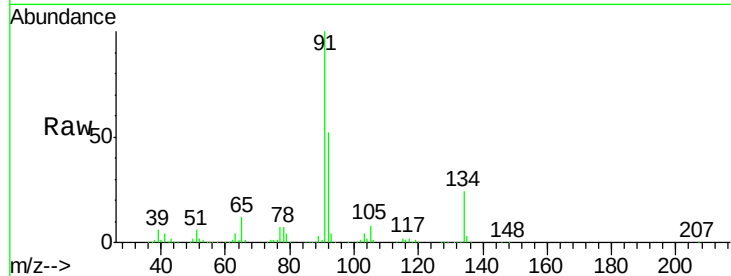
#89
n-Butylbenzene
Concen: 50.507 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.3
134	23.7	11.8	35.3

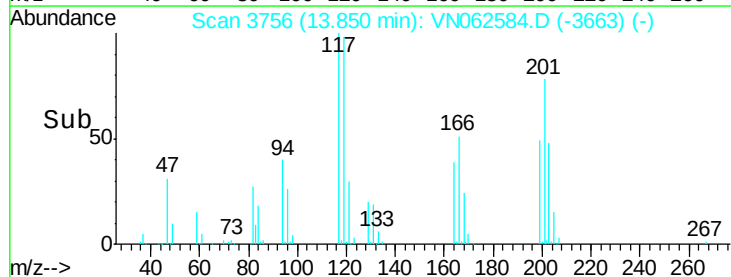
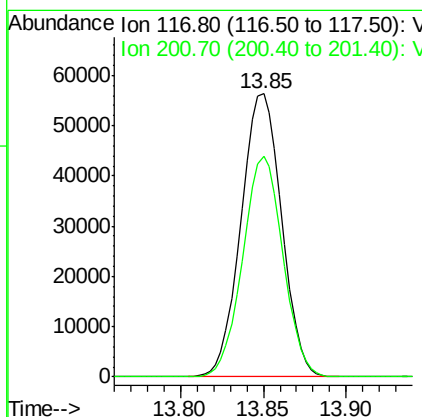
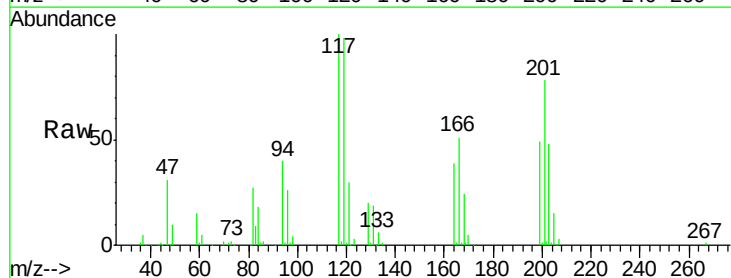
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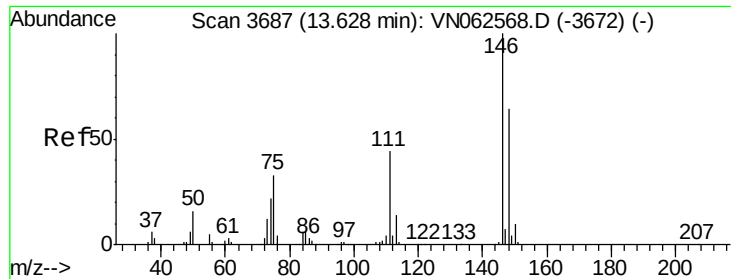
MMDadoda
7/22/2020 2:45:53 PM



#90
Hexachloroethane
Concen: 49.312 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	39.2	117.6





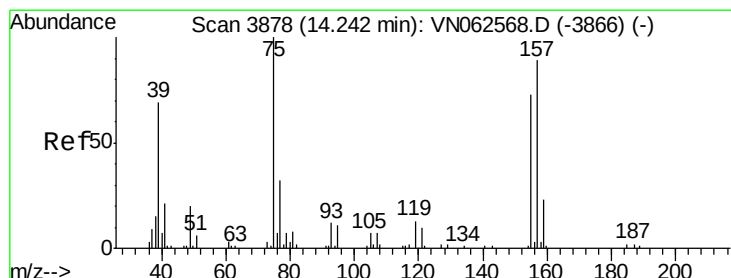
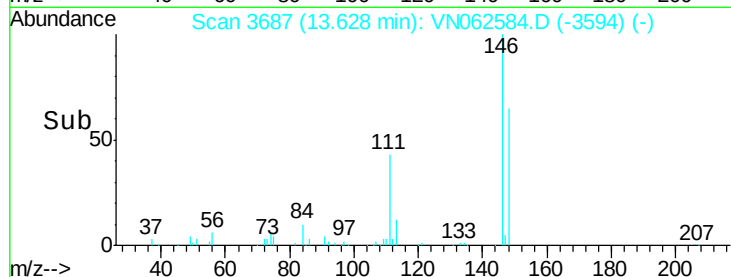
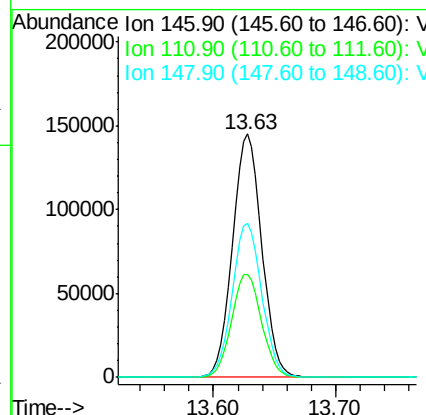
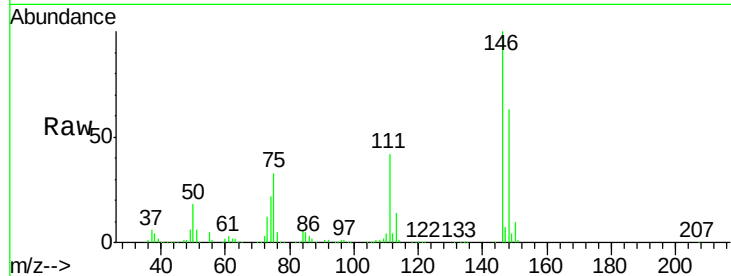
#91
 1,2-Dichlorobenzene
 Concen: 52.286 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	243474
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.9	65.8
148	64.0	31.6	94.7

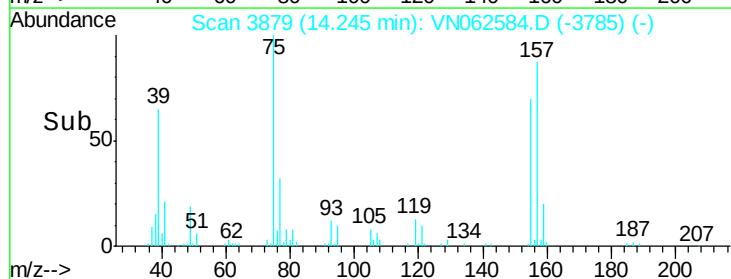
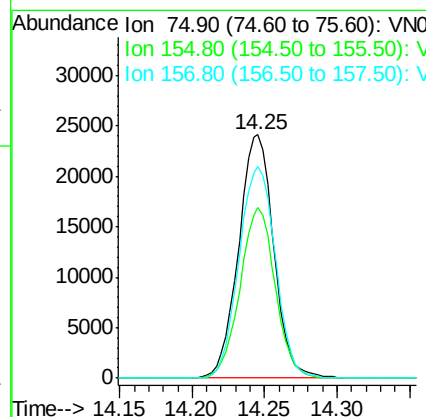
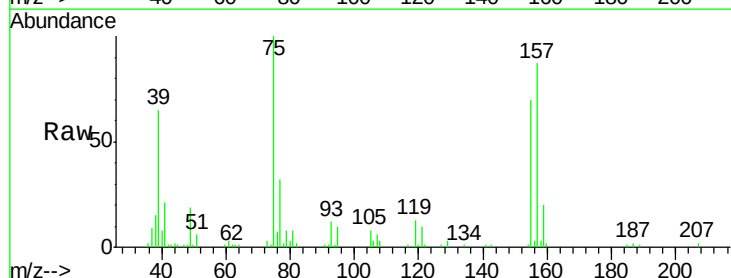
Manual Integrations
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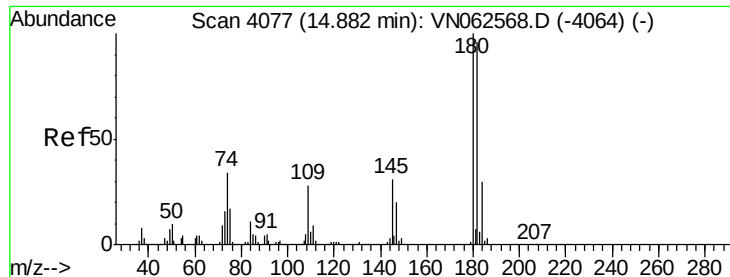
MMDadoda
 7/22/2020 2:45:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.780 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion:	75	Resp:	40640
Ion Ratio	Lower	Upper	
75	100		
155	70.0	35.9	107.5
157	90.2	45.0	135.0





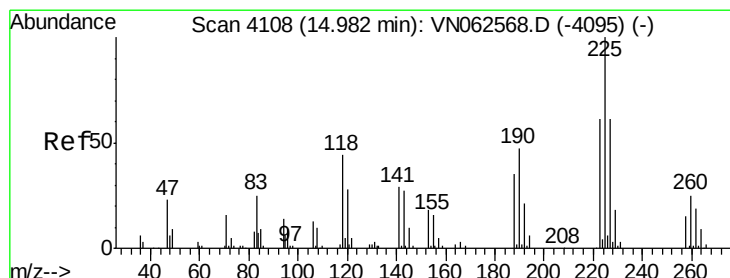
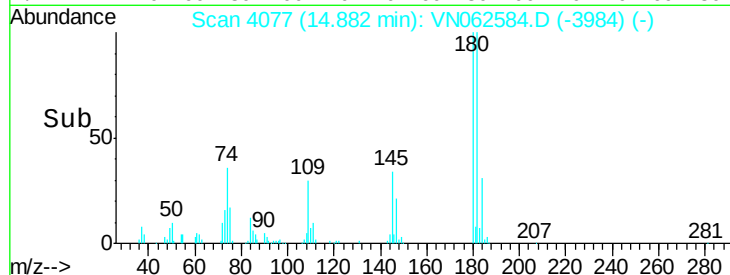
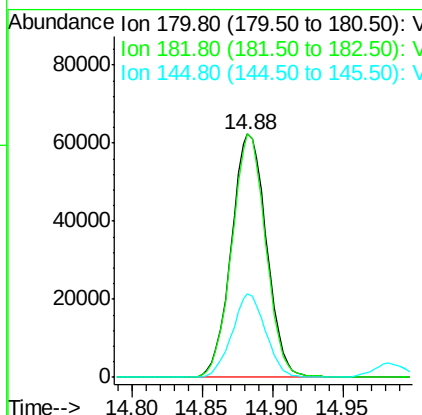
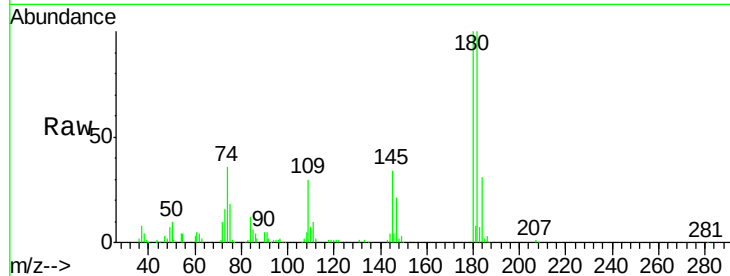
#93
 1,2,4-Trichlorobenzene
 Concen: 44.714 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	108622		
182	96.3	47.8	143.3	
145	32.8	15.3	45.9	

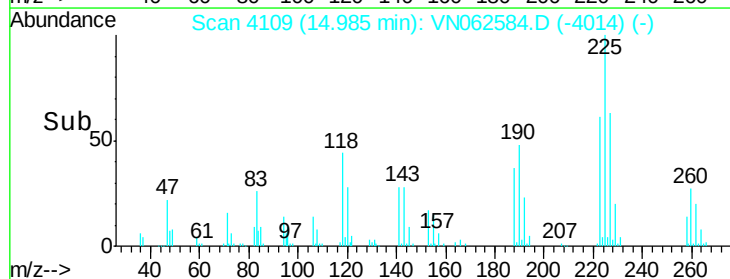
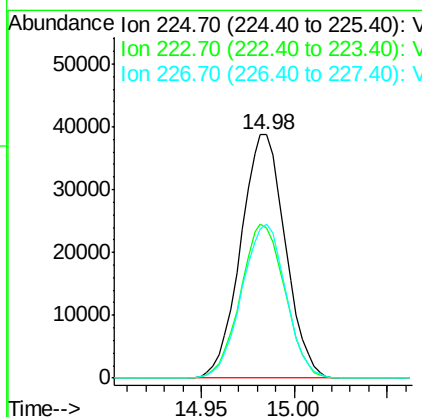
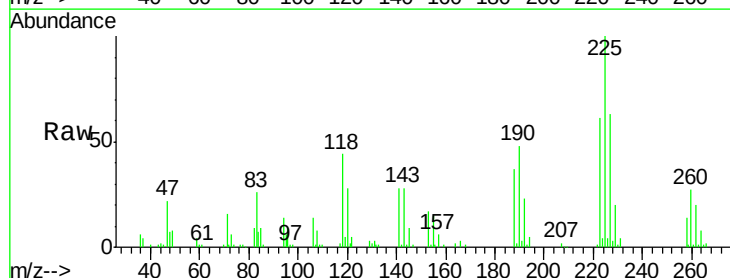
Manual Integrations
 APPROVED

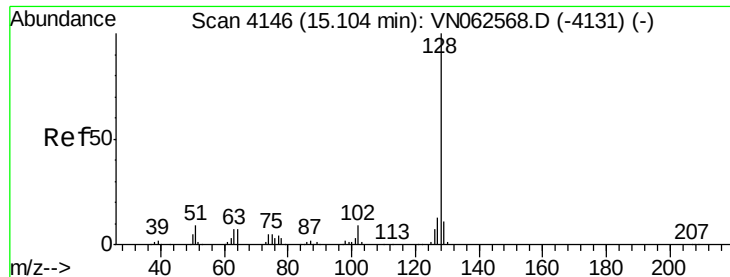
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 51.269 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062584.D
 Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64572		
223	62.9	32.0	96.0	
227	62.4	31.1	93.2	





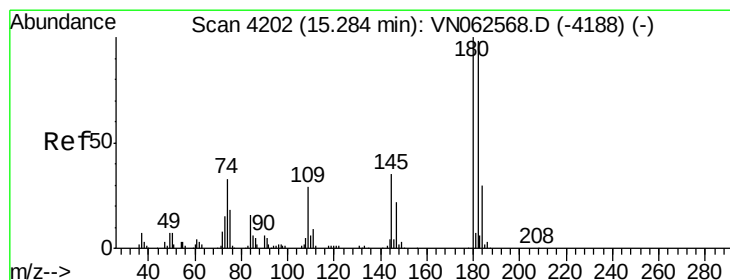
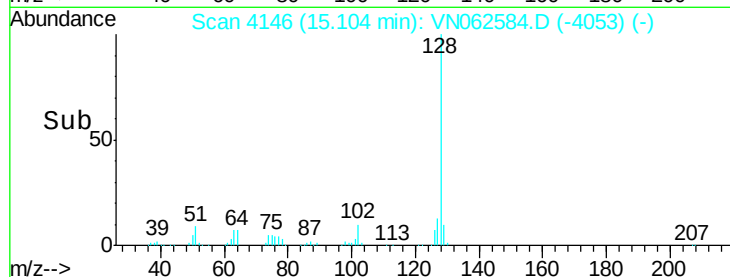
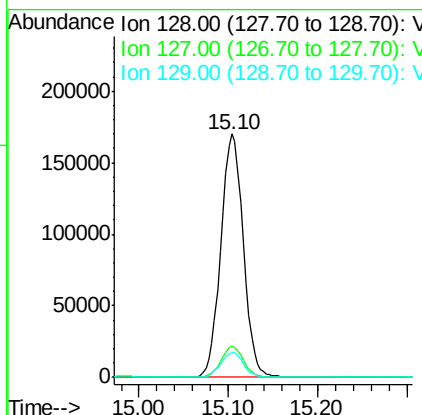
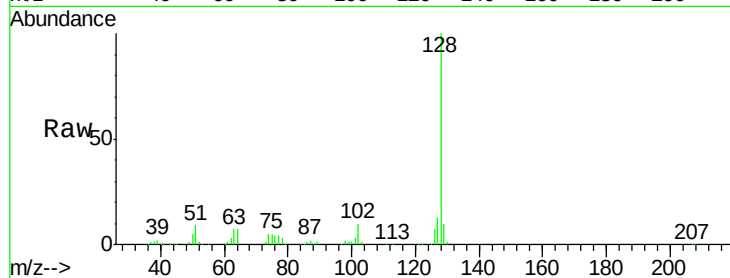
#95
Naphthalene
Concen: 46.061 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	297073		
127	12.8		10.4	15.6
129	10.3		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/22/2020 2:45:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.337 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062584.D
Acq: 21 Jul 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114852		
182	94.0		48.1	144.3
145	32.8		16.7	50.1

