

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071320\
 Data File : VN062507.D
 Acq On : 13 Jul 2020 9:36
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:38 AM

Quant Time: Jul 13 11:40:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 13 10:35:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	47176	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	265983	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	238891	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	122477	38.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	128.60%
60) 4-Bromofluorobenzene	12.37	95	115579	31.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	106.27%
63) Toluene-d8	10.06	98	341813	32.90	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	12640	5.933 ug/l	98
3) Chloromethane	2.04	50	19201	7.227 ug/l	98
4) Vinyl Chloride	2.16	62	16973	5.116 ug/l	93
5) Bromomethane	2.52	94	9271	4.555 ug/l	98
6) Chloroethane	2.67	64	8152	3.724 ug/l	100
7) Trichlorofluoromethane	2.98	101	20684	4.518 ug/l	98
8) Diethyl Ether	3.37	74	9296	5.815 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	13194	5.284 ug/l	83
10) 1,1-Dichloroethene	3.69	96	13318	5.378 ug/l	96
11) Methyl Iodide	3.91	142	11745	3.586 ug/l	98
12) Methyl Acetate	4.28	43	17929	7.911 ug/l	100
13) Acrolein	3.57	56	8001	24.957 ug/l #	47
14) Acrylonitrile	4.93	53	38027	33.542 ug/l	88
15) Acetone	3.77	58	11836	33.013 ug/l	92
16) Carbon Disulfide	4.00	76	43254	7.766 ug/l	99
17) Allyl chloride	4.27	41	27333	8.085 ug/l	97
18) Methylene Chloride	4.50	84	16618	5.724 ug/l	98
19) trans-1,2-Dichloroethene	4.99	96	14925	5.431 ug/l #	90
20) Diisopropyl ether	5.90	45	56714	7.379 ug/l	98
21) 1,1-Dichloroethane	5.79	63	30132	6.325 ug/l	99
22) cis-1,2-Dichloroethene	6.77	96	16324	5.068 ug/l	98
23) tert-Butyl Alcohol	4.73	59	12812	30.033 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	46747	5.691 ug/l #	74
25) Chloroform	7.32	83	27987	5.445 ug/l	99
26) Cyclohexane	7.61	56	25247	6.701 ug/l #	99
29) 1,1-Dichloropropene	7.75	75	20792	5.478 ug/l	98
30) 2-Butanone	6.78	43	53457	35.172 ug/l	99
31) 2,2-Dichloropropane	6.77	77	24495	5.518 ug/l #	84
32) 1,1,1-Trichloroethane	7.53	97	22988	4.899 ug/l	99
33) Carbon Tetrachloride	7.72	117	19898	5.122 ug/l	96
34) Benzene	8.00	78	63277	5.385 ug/l #	67
35) Methacrylonitrile	7.12	41	7754	5.772 ug/l	95
36) 1,2-Dichloroethane	8.08	62	23576	6.038 ug/l	98
37) Trichloroethene	8.80	130	13876	4.038 ug/l	94
38) Methylcyclohexane	9.05	83	23511	5.552 ug/l	97
39) 1,2-Dichloropropane	9.08	63	18001	6.100 ug/l	98
40) Dibromomethane	9.17	93	10521	5.063 ug/l	97

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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:38 AM

Quant Time: Jul 13 11:40:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 13 10:35:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	21649	5.090	ug/l	98
42) Vinyl Acetate	5.84	43	227509	36.822	ug/l	99
43) Ethyl Acetate	6.88	43	22074	7.211	ug/l	97
44) Isopropyl Acetate	8.12	43	36102	6.780	ug/l	98
45) 1,4-Dioxane	9.16	88	4702	94.239	ug/l	92
46) Methyl methacrylate	9.17	41	16354	6.823	ug/l	92
47) n-amyl Acetate	12.05	43	24964	5.518	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	23771	5.219	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	26541	5.359	ug/l	95
50) 1,1,2-Trichloroethane	10.53	97	14503	4.813	ug/l	99
51) Ethyl methacrylate	10.40	69	21464	5.176	ug/l	99
52) 1,3-Dichloropropane	10.68	76	26018	5.266	ug/l	98
53) Dibromochloromethane	10.87	129	14719	4.216	ug/l	99
54) 1,2-Dibromoethane	10.98	107	14671	4.712	ug/l	96
55) 2-Chloroethyl vinyl ether	9.66	63	26968	17.654	ug/l	99
56) Bromoform	12.10	173	9557	3.917	ug/l	96
58) 4-Methyl-2-Pentanone	9.95	43	103845	34.760	ug/l	100
59) 2-Hexanone	10.72	43	73502	33.702	ug/l	99
61) Tetrachloroethene	10.60	164	12165	3.518	ug/l	95
62) Toluene	10.12	91	64404	5.145	ug/l	99
64) Chlorobenzene	11.40	112	38093	4.837	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	14063	4.690	ug/l	99
66) Ethyl Benzene	11.48	91	68712	5.002	ug/l	95
67) m/p-Xylenes	11.59	106	49851	9.324	ug/l	100
68) o-Xylene	11.92	106	23669	4.671	ug/l	100
69) Styrene	11.94	104	38491	4.465	ug/l	98
70) Isopropylbenzene	12.22	105	63845	4.747	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	20993	5.609	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	20670m	5.916	ug/l	
73) Bromobenzene	12.50	156	15238	4.316	ug/l	97
74) n-propylbenzene	12.56	91	73927	4.836	ug/l	100
75) 2-Chlorotoluene	12.65	91	45735	5.025	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	53864	4.803	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	6769	5.258	ug/l	97
78) 4-Chlorotoluene	12.75	91	44364	4.709	ug/l	99
79) tert-butylbenzene	12.97	119	44062	4.554	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	50733	4.510	ug/l	98
81) sec-Butylbenzene	13.15	105	59483	4.758	ug/l	98
82) p-Isopropyltoluene	13.26	119	50946	4.429	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	24094	3.852	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	23807	3.882	ug/l	97
85) n-Butylbenzene	13.59	91	41355	4.357	ug/l	98
86) Hexachloroethane	13.85	117	10244	5.957	ug/l	92
87) 1,2-Dichlorobenzene	13.62	146	24034	4.046	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	3303	4.714	ug/l	97
89) 1,2,4-Trichlorobenzene	14.88	180	8470	2.499	ug/l	93
90) Hexachlorobutadiene	14.98	225	6894	4.502	ug/l	95
91) Naphthalene	15.10	128	23201	2.470	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	9258	2.779	ug/l	97

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

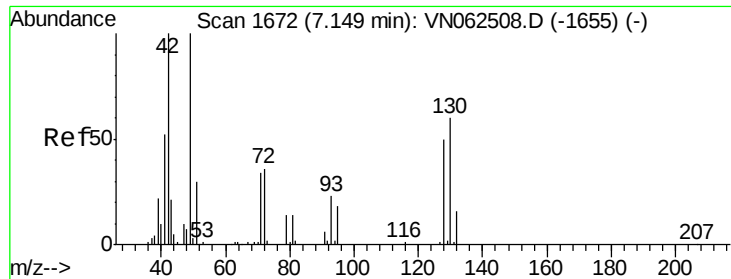
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

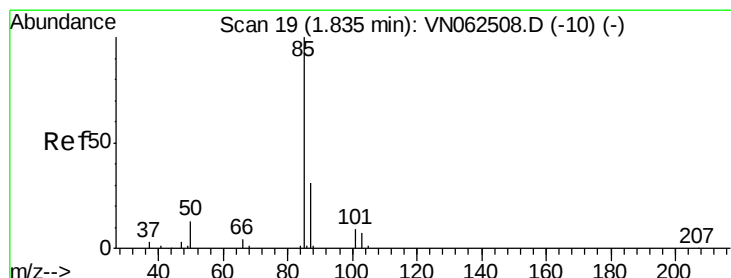
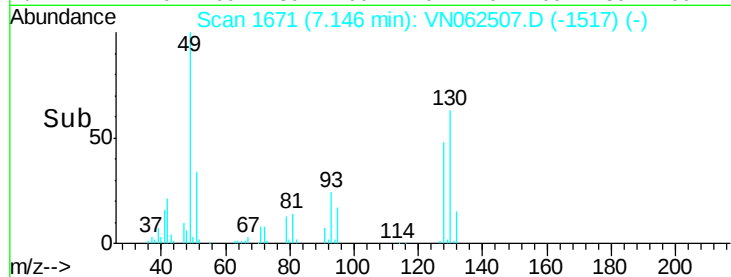
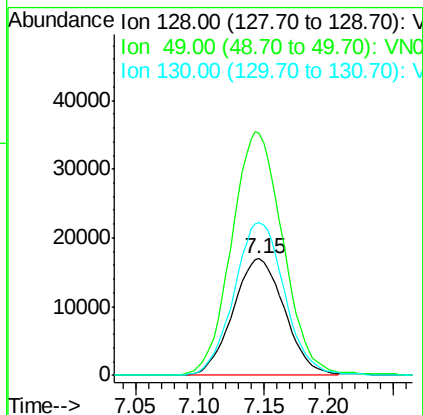
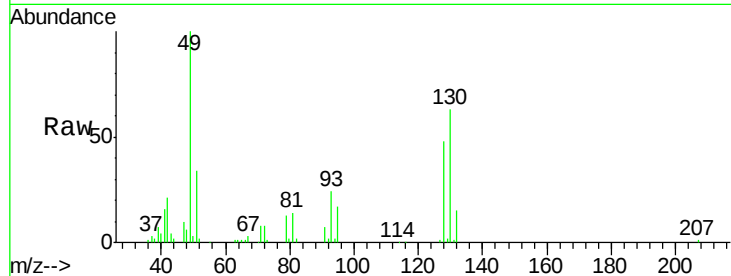
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
49	206.7	0.0	525.0
130	128.6	0.0	319.8

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#2

Dichlorodifluoromethane

Concen: 5.933 ug/l

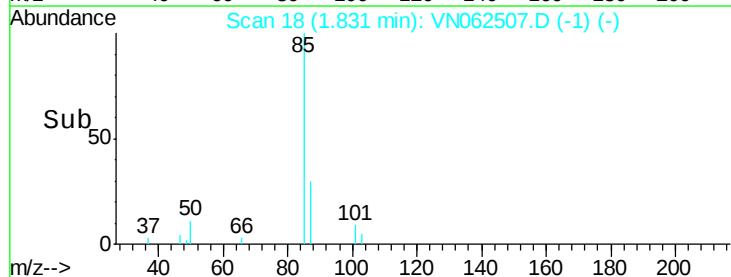
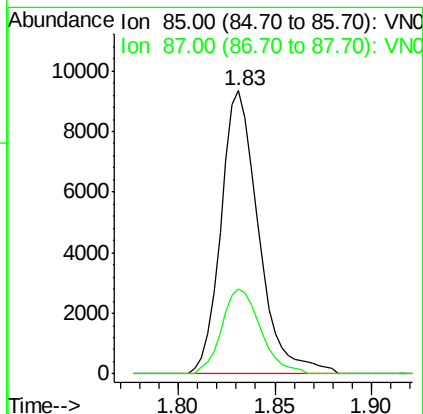
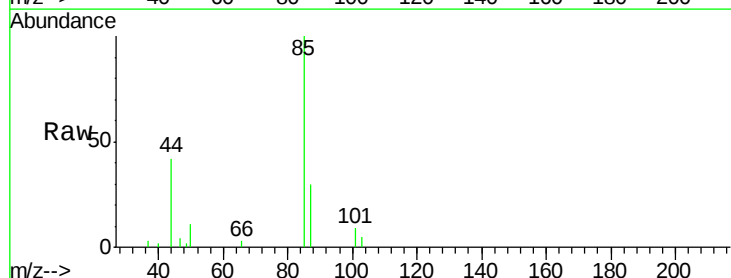
RT: 1.83 min Scan# 18

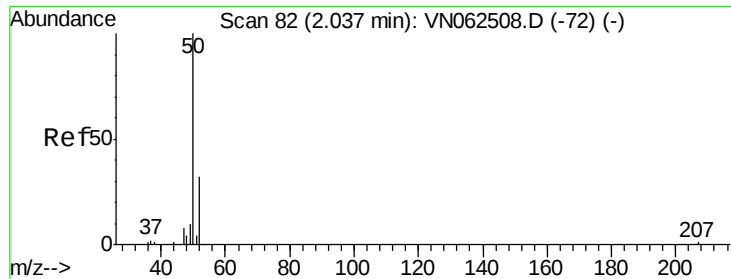
Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.1	15.6	46.7





#3

Chloromethane

Concen: 7.227 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 19201

Ion Ratio Lower Upper

50 100

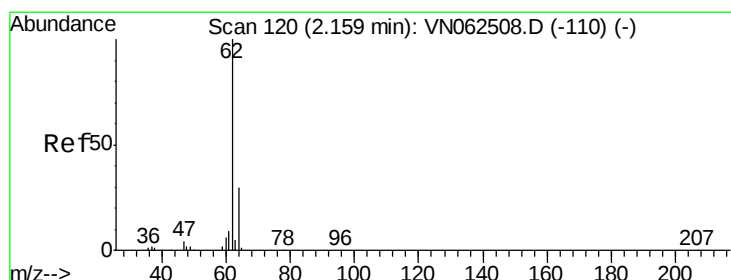
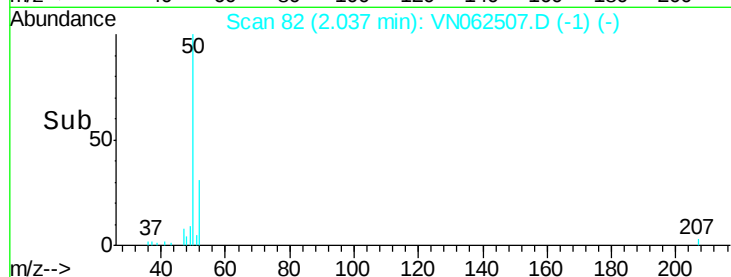
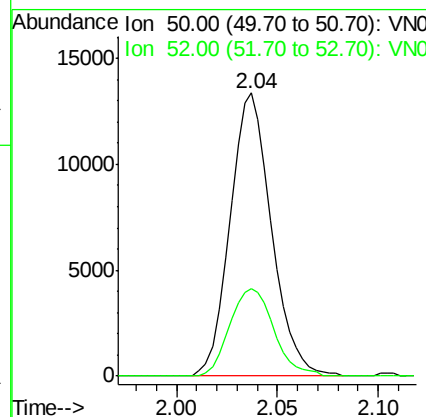
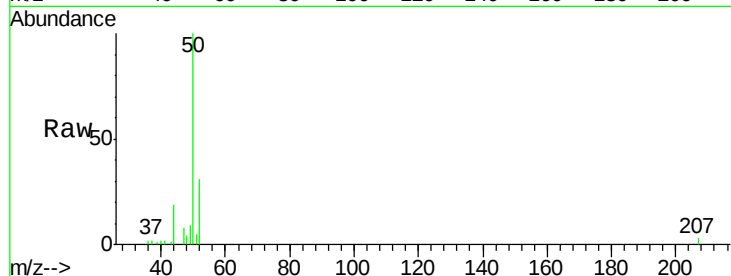
52 30.8 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.116 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062507.D

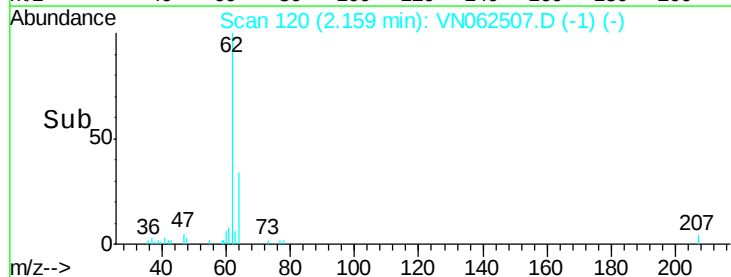
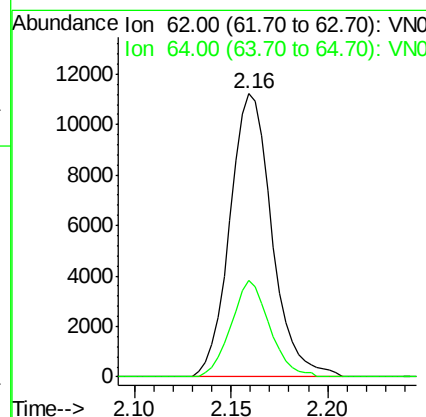
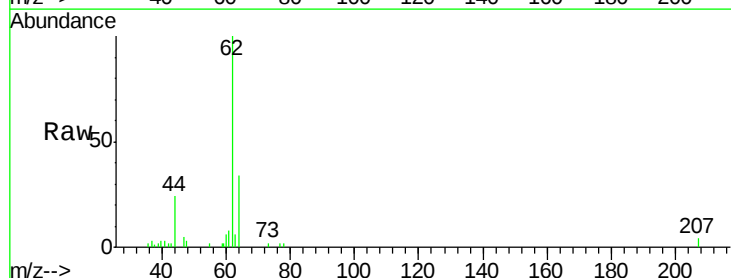
Acq: 13 Jul 2020 9:36

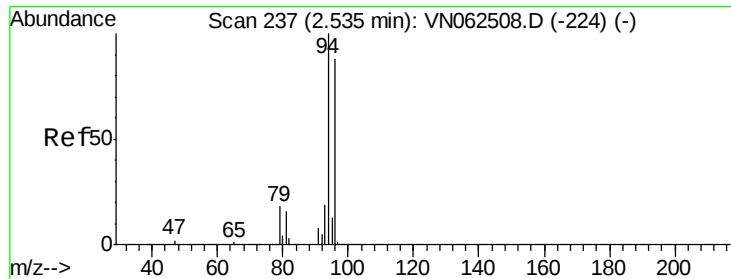
Tgt Ion: 62 Resp: 16973

Ion Ratio Lower Upper

62 100

64 34.1 24.3 36.5





#5

Bromomethane

Concen: 4.555 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 9271

Ion Ratio Lower Upper

94 100

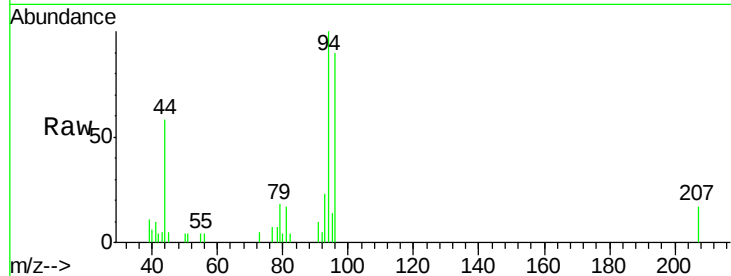
96 89.9 70.2 105.4

Manual Integrations

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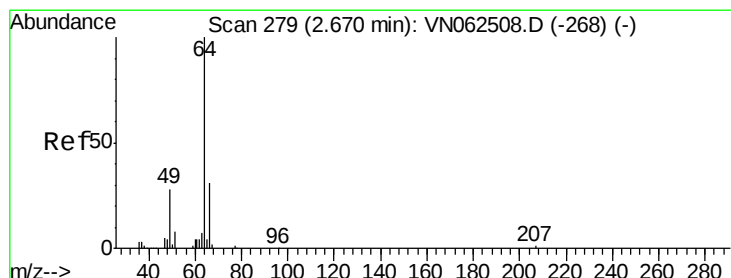
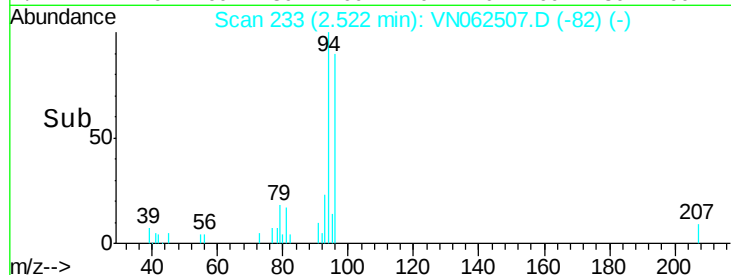


Abundance Ion 94.00 (93.70 to 94.70): VN062507.D (-224) (-)

Ion 96.00 (95.70 to 96.70): VN062507.D (-224) (-)

2.52

Time-->



#6

Chloroethane

Concen: 3.724 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN062507.D

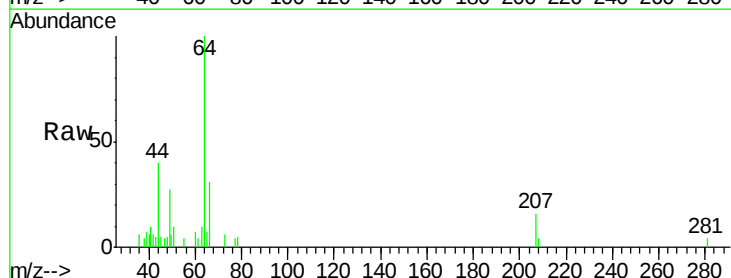
Acq: 13 Jul 2020 9:36

Tgt Ion: 64 Resp: 8152

Ion Ratio Lower Upper

64 100

66 31.4 24.9 37.3

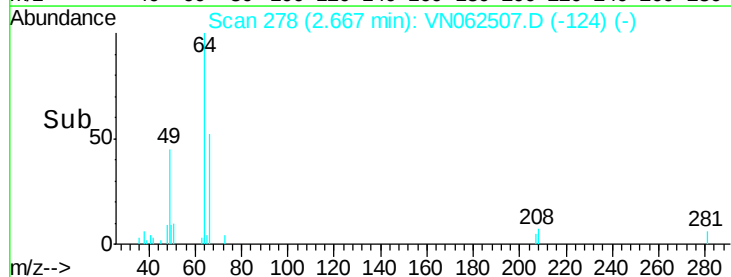


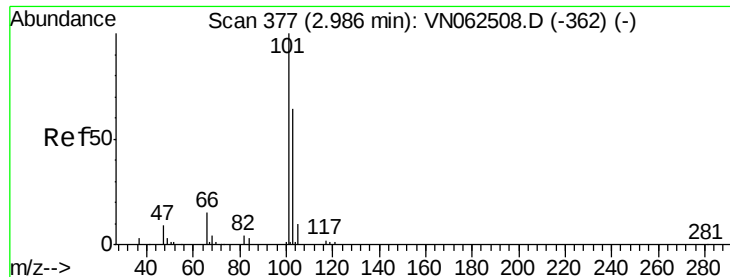
Abundance Ion 64.00 (63.70 to 64.70): VN062507.D (-268) (-)

Ion 66.00 (65.70 to 66.70): VN062507.D (-268) (-)

2.67

Time-->





#7

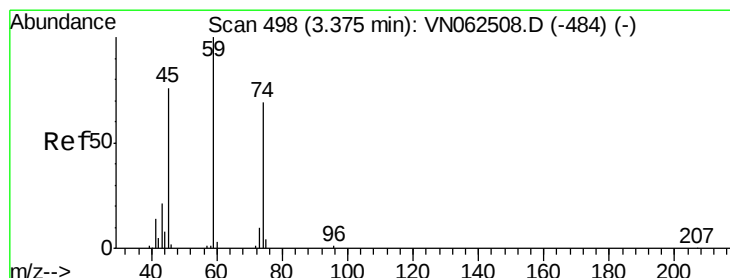
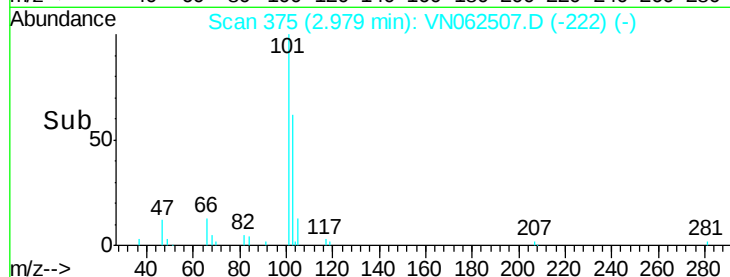
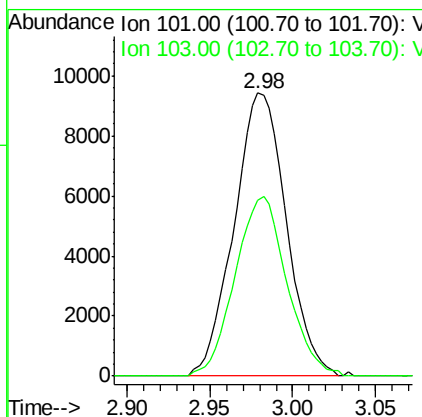
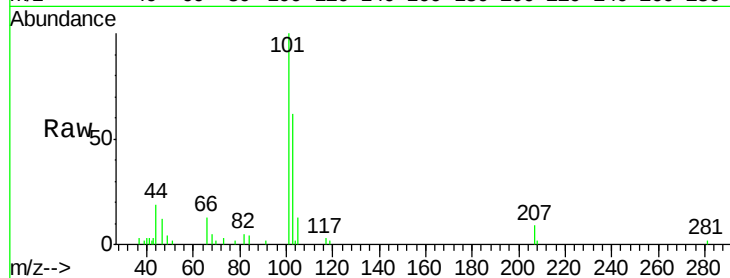
Trichlorofluoromethane
 Concen: 4.518 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		20684		
103	62.1	50.9	76.3		

Manual Integrations
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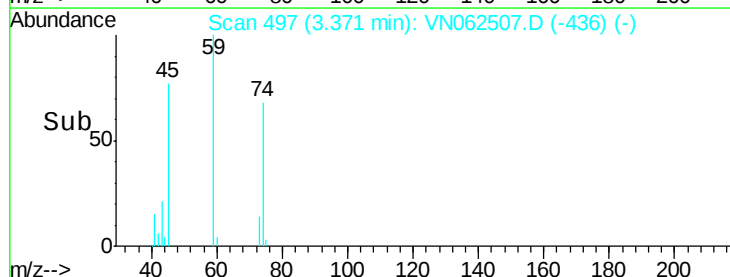
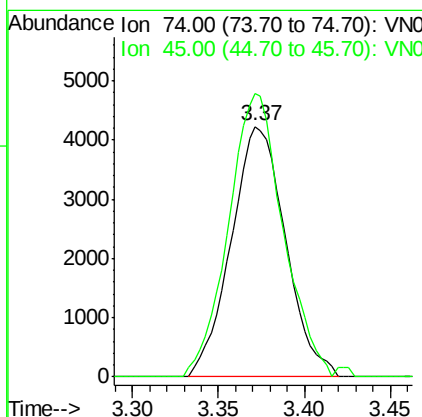
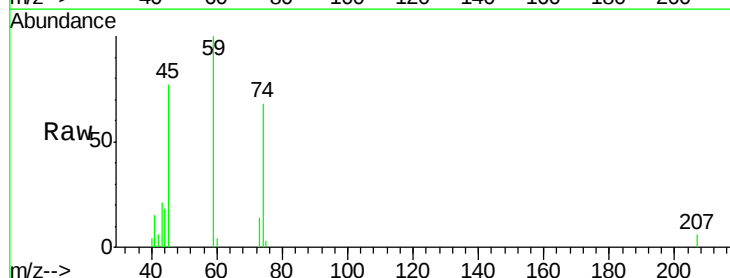
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 7/14/2020 11:36:38 AM

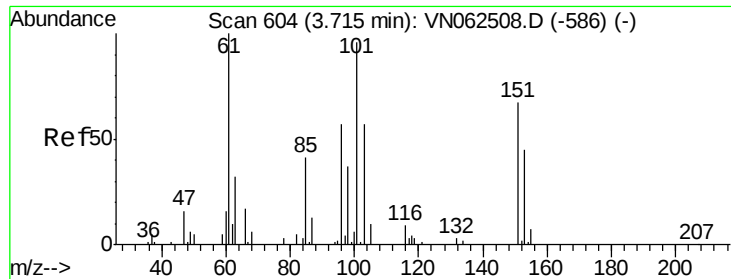


#8

Diethyl Ether
 Concen: 5.815 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		9296		
45	113.5	21.8	196.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.284 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

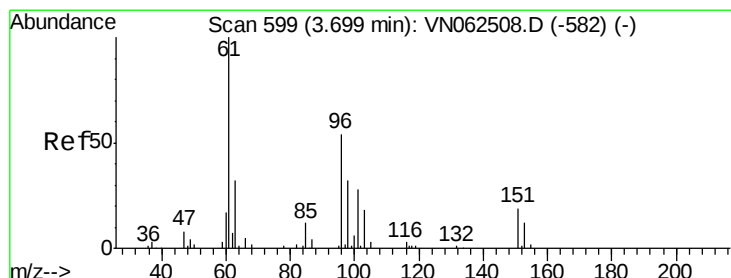
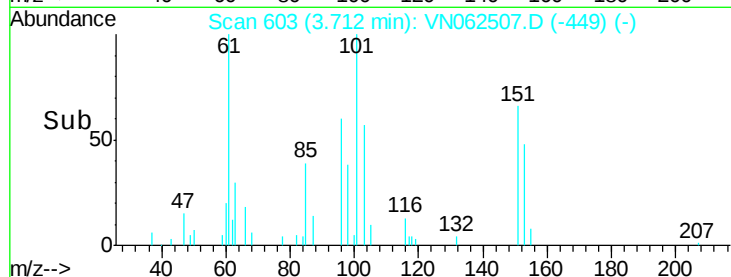
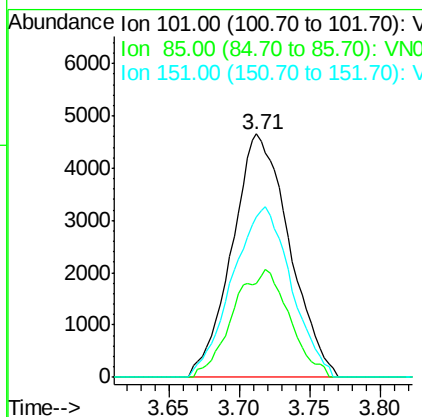
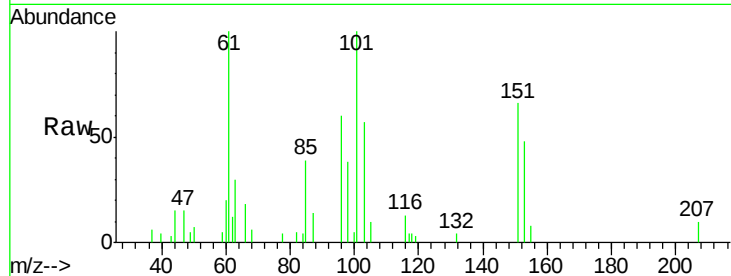
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	13194
Ion Ratio	Lower	Upper	
101	100		
85	17.8	0.0	90.4
151	72.0	0.0	145.6

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 5.378 ug/l

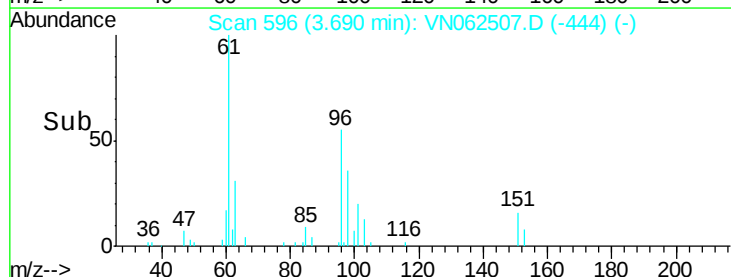
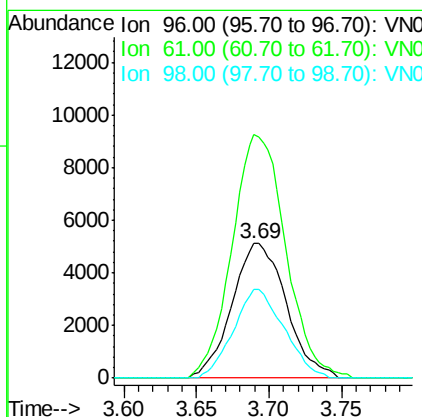
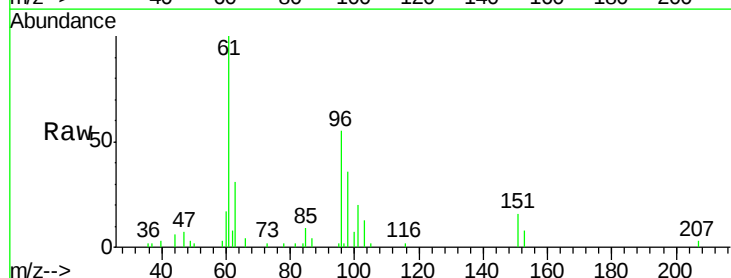
RT: 3.69 min Scan# 596

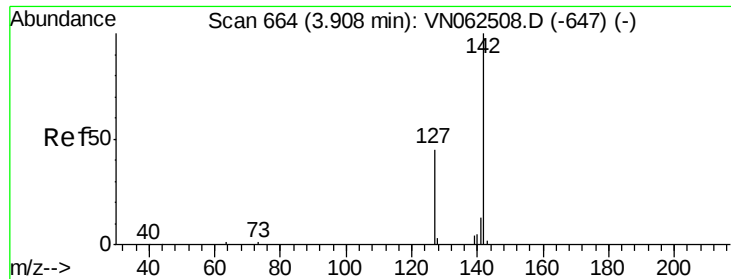
Delta R.T. -0.01 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Tgt Ion:	96	Resp:	13318
Ion Ratio	Lower	Upper	
96	100		
61	181.3	147.8	221.8
98	66.1	47.8	71.8





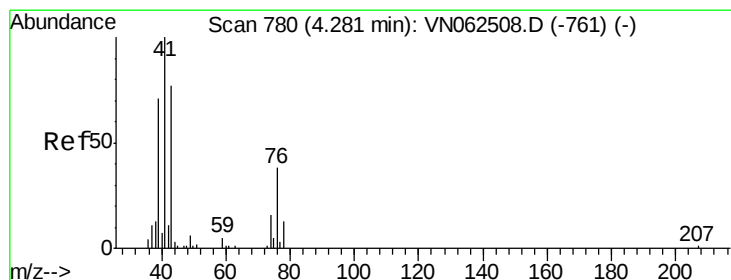
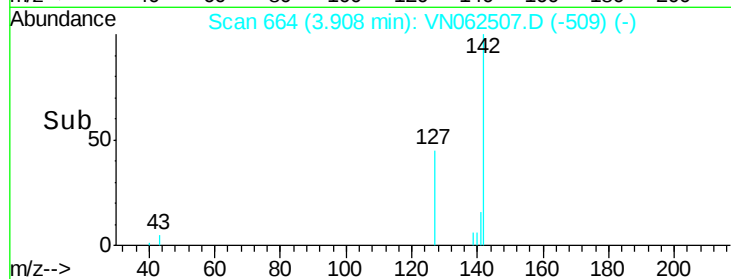
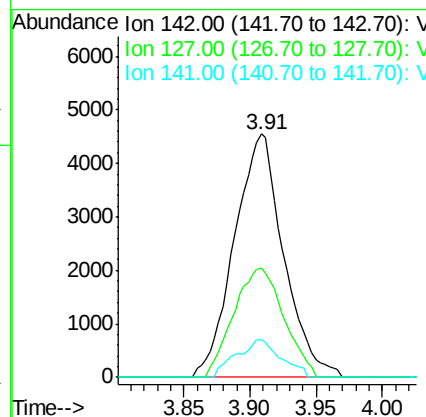
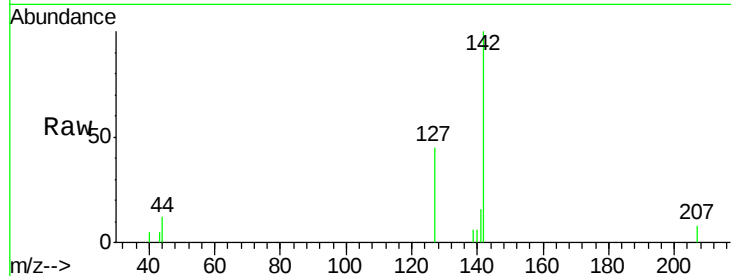
#11
Methyl Iodide
Concen: 3.586 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.7	22.1	66.5
141	15.6	6.5	19.4

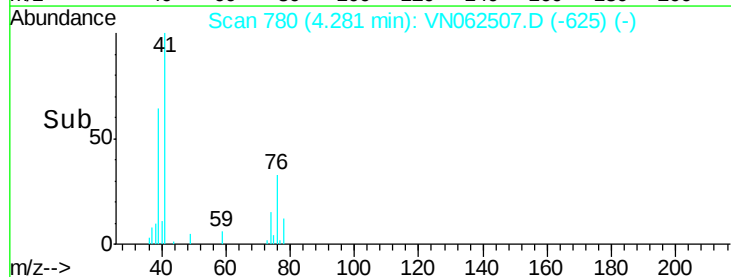
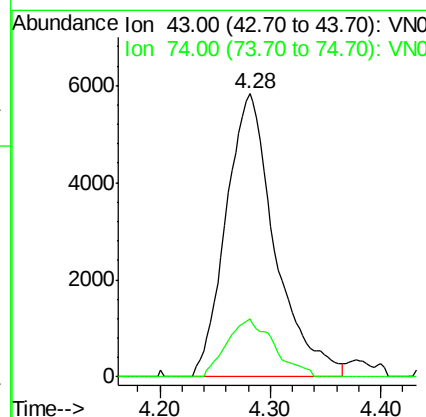
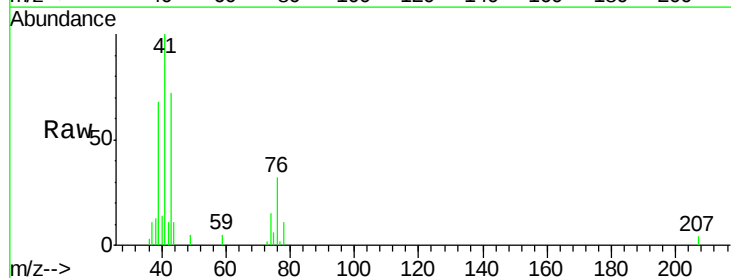
Manual Integrations
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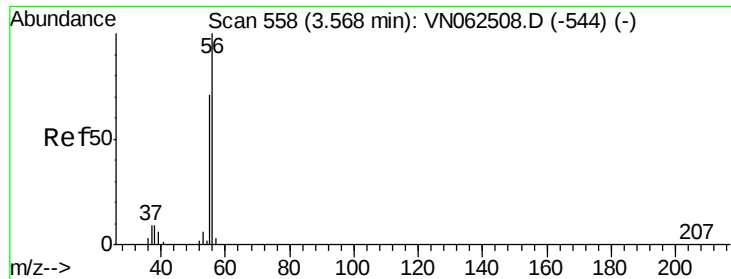
MMDadoda
7/14/2020 11:36:38 AM



#12
Methyl Acetate
Concen: 7.911 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1





#13

Acrolein

Concen: 24.957 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 8001

Ion Ratio Lower Upper

56 100

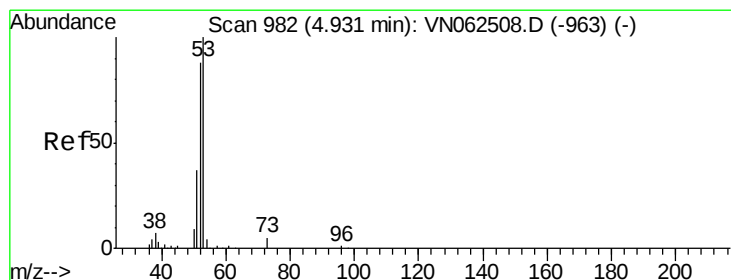
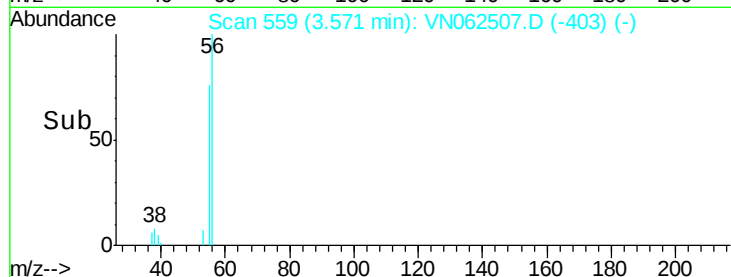
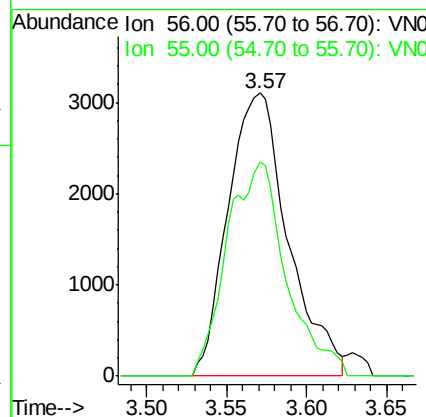
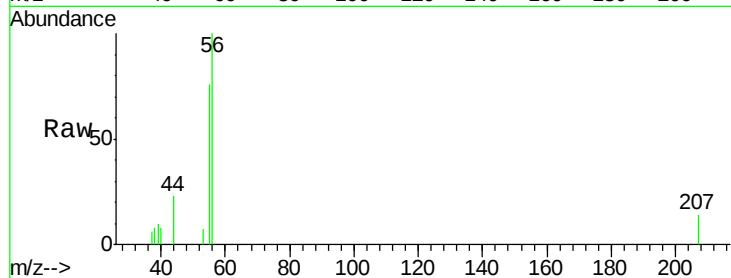
55 26.8 56.0 84.0#

Manual Integrations

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#14

Acrylonitrile

Concen: 33.542 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

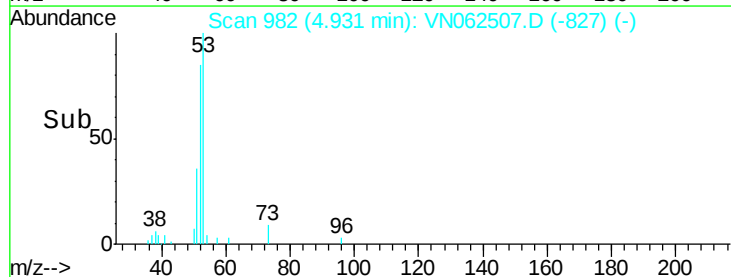
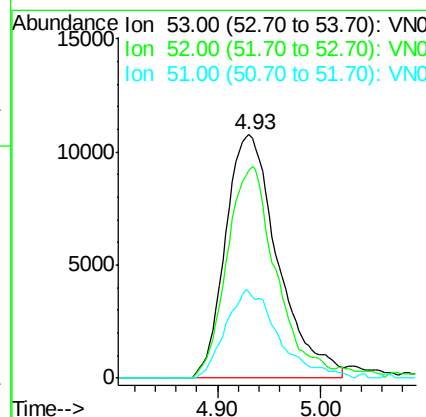
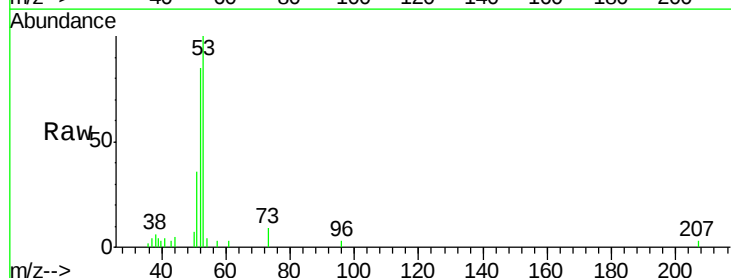
Tgt Ion: 53 Resp: 38027

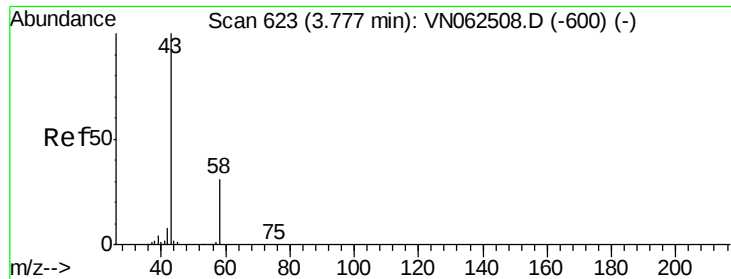
Ion Ratio Lower Upper

53 100

52 79.6 41.8 125.4

51 20.4 18.5 55.5





#15

Acetone

Concen: 33.013 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 11836

Ion Ratio Lower Upper

58 100

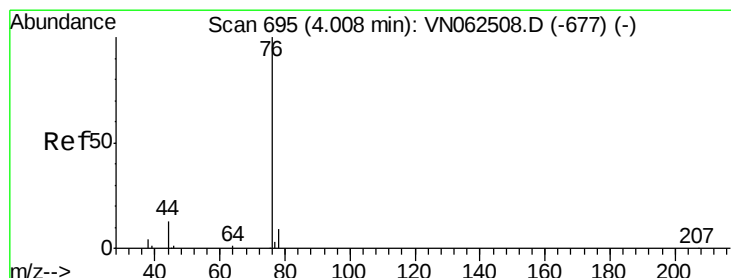
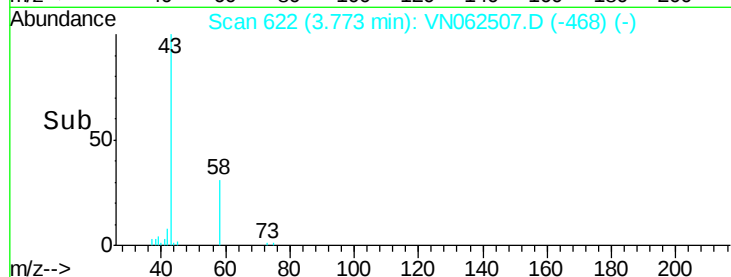
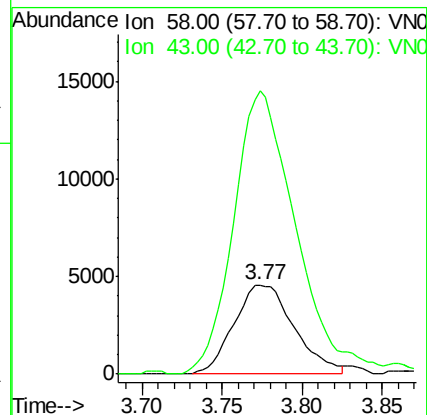
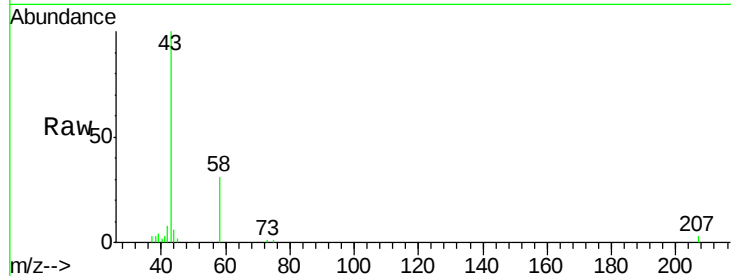
43 310.1 261.1 391.7

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#16

Carbon Disulfide

Concen: 7.766 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062507.D

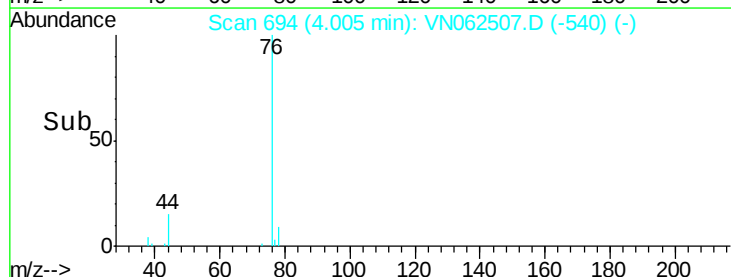
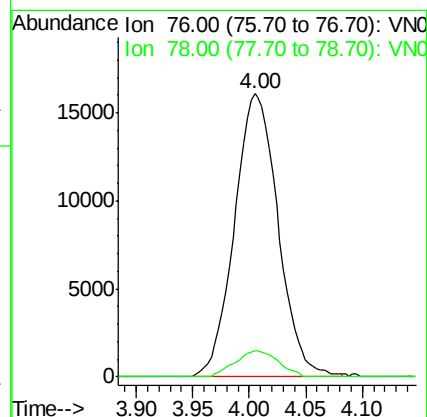
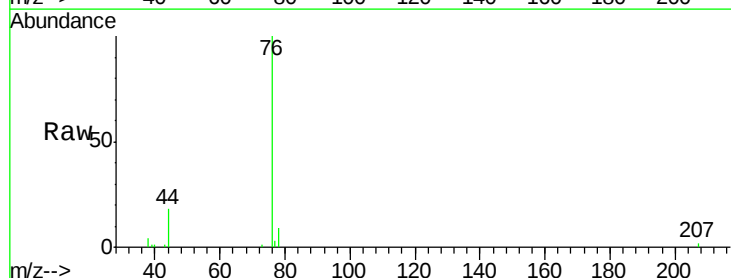
Acq: 13 Jul 2020 9:36

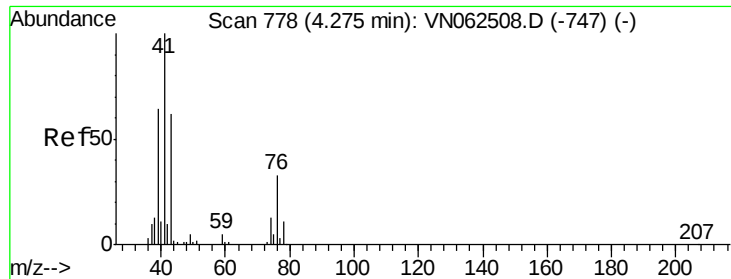
Tgt Ion: 76 Resp: 43254

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





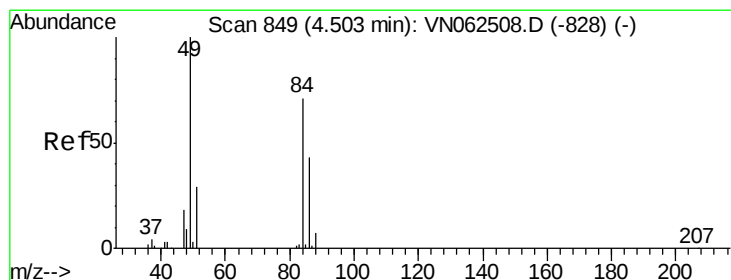
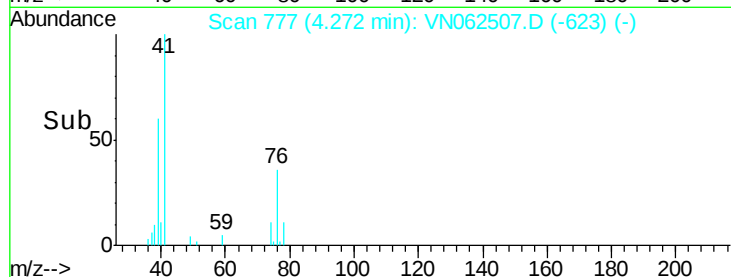
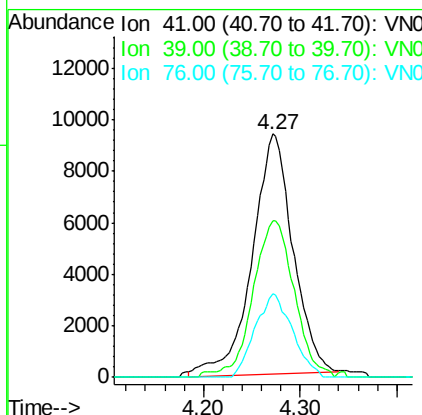
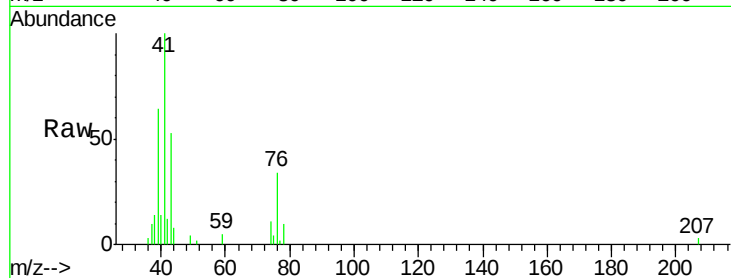
#17
Allvl chloride
Concen: 8.085 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.9	31.9	95.5
76	35.3	16.6	49.8

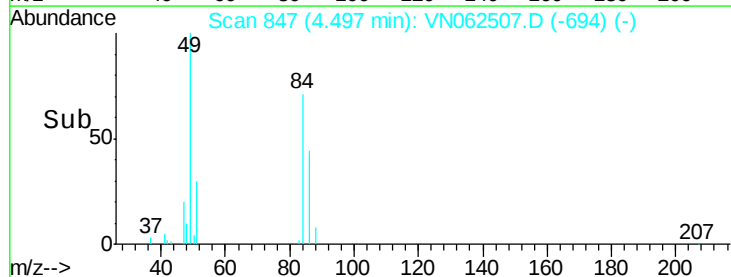
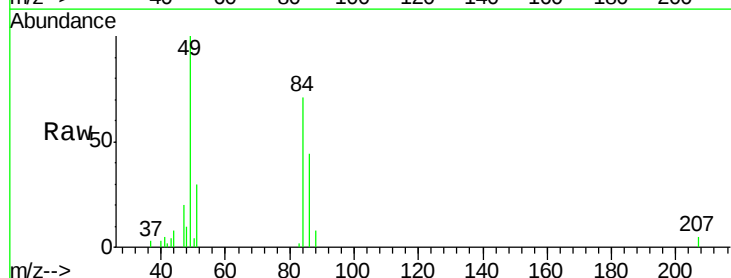
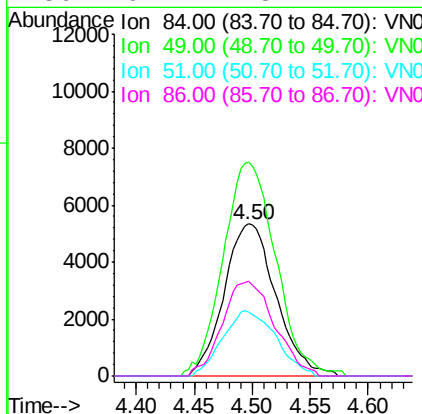
Manual Integrations
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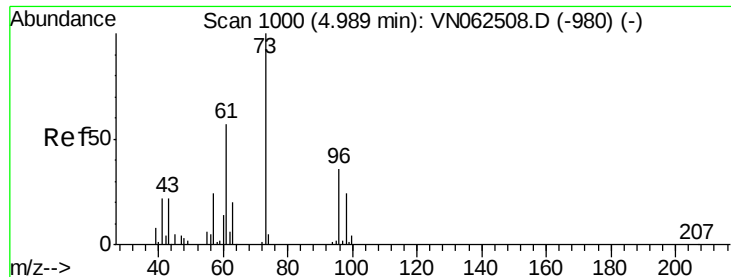
MMDadoda
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#18
Methylene Chloride
Concen: 5.724 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.6	112.1	168.1
51	42.4	33.0	49.4
86	62.1	48.2	72.4





#19

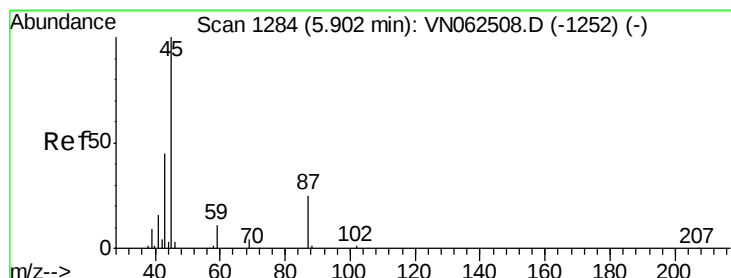
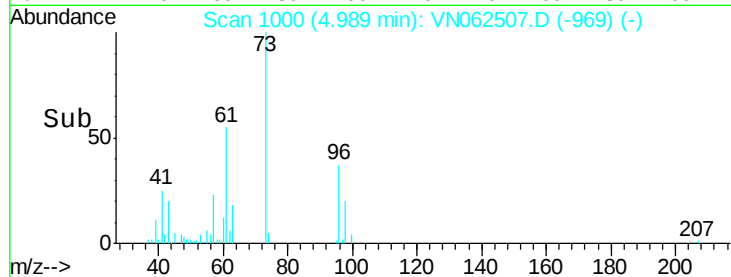
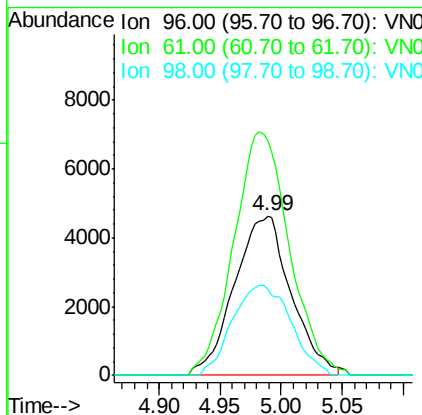
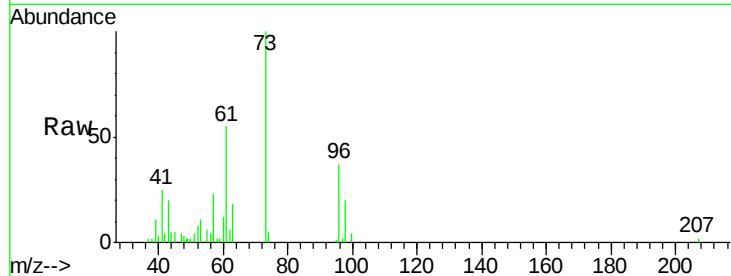
trans-1,2-Dichloroethene
Concen: 5.431 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	125.7	188.5
98	53.8	54.1	81.1#

Manual Integrations
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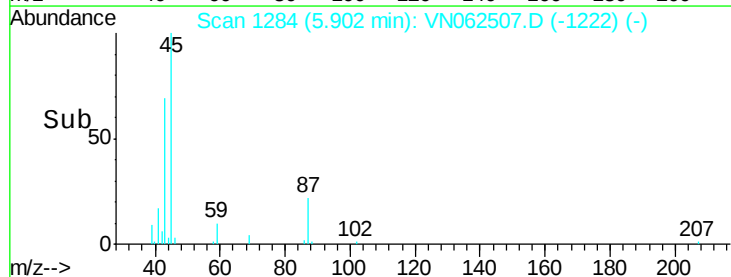
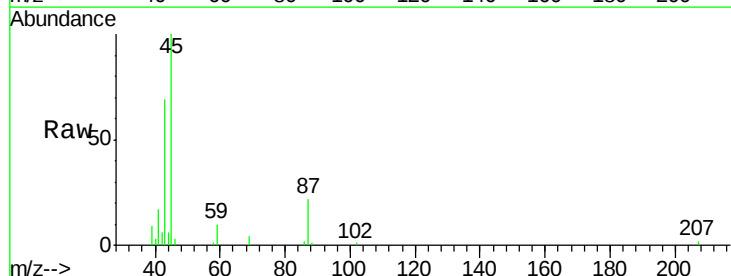
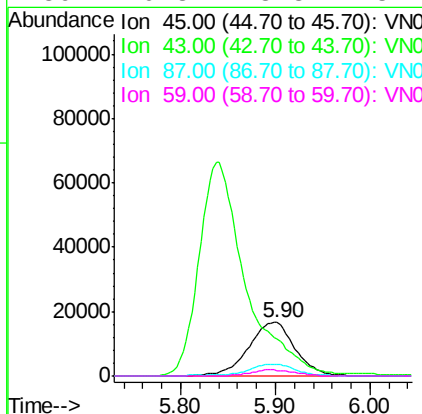
MMDadoda
7/14/2020 11:36:38 AM

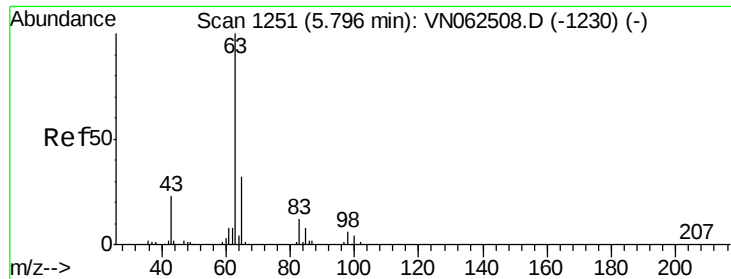


#20

Diisopropyl ether
Concen: 7.379 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.4	51.3	76.9
87	22.0	19.8	29.6
59	10.3	8.8	13.2





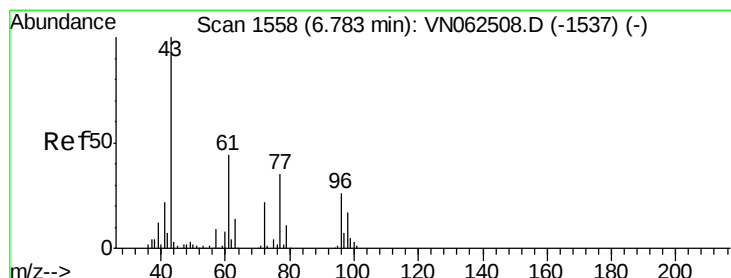
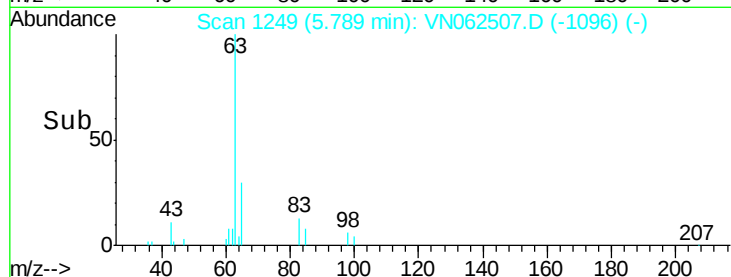
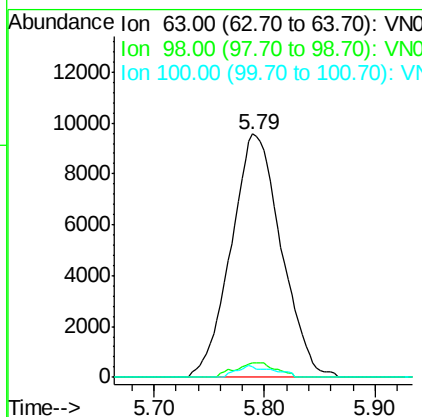
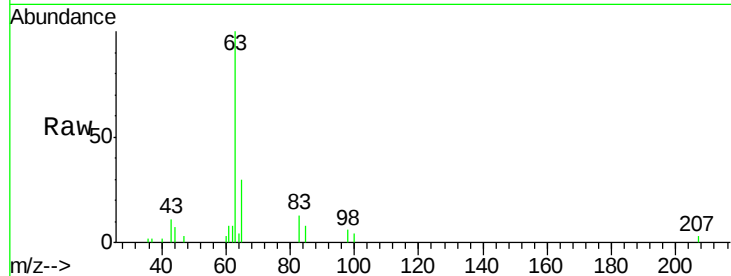
#21
 1,1-Dichloroethane
 Concen: 6.325 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:	63	Resp:	30132
Ion Ratio	Lower	Upper	
63	100		
98	5.8	2.8	8.4
100	4.3	2.0	5.8

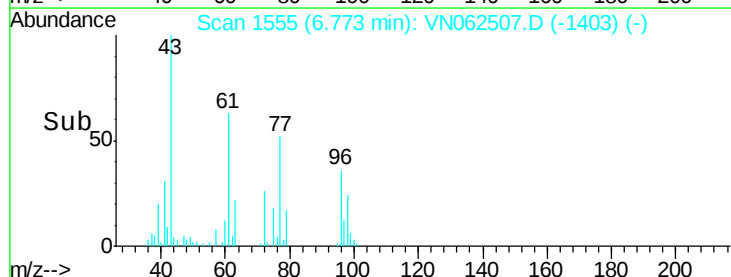
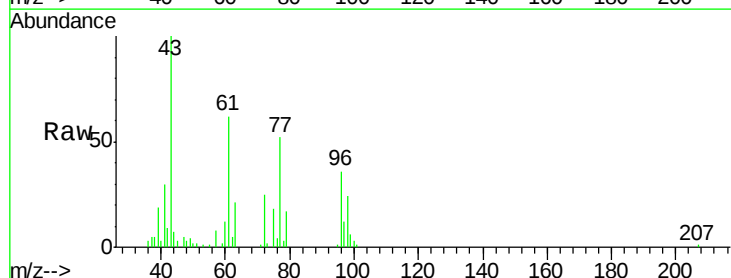
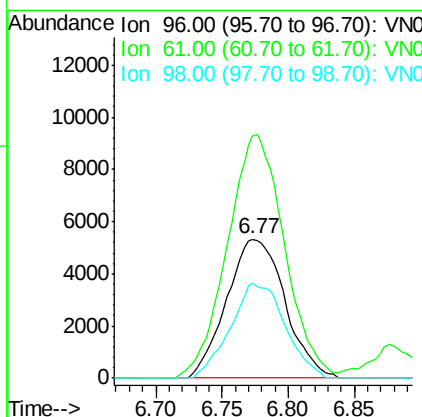
Manual Integrations
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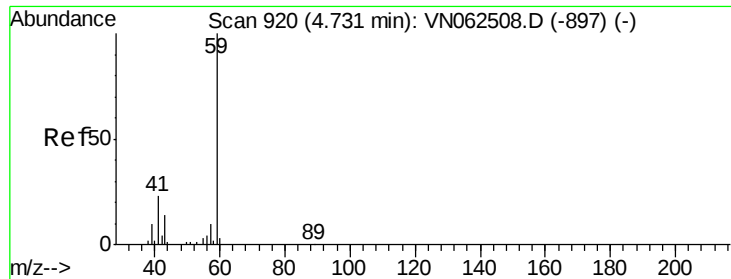
MMDadoda
 7/14/2020 11:36:38 AM



#22
 cis-1,2-Dichloroethene
 Concen: 5.068 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion:	96	Resp:	16324
Ion Ratio	Lower	Upper	
96	100		
61	171.2	134.9	202.3
98	63.8	51.5	77.3





#23

tert-Butyl Alcohol

Concen: 30.033 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN062507.D

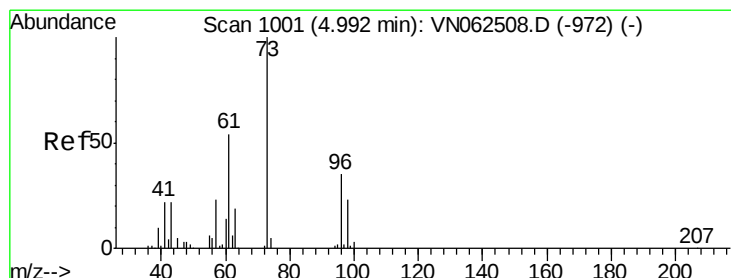
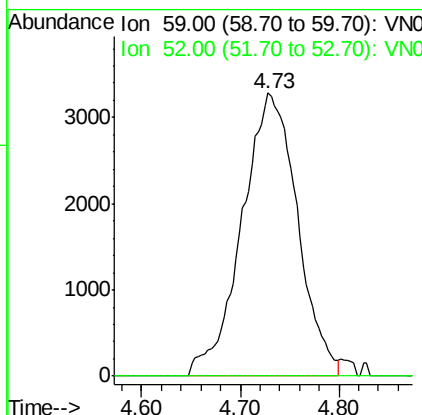
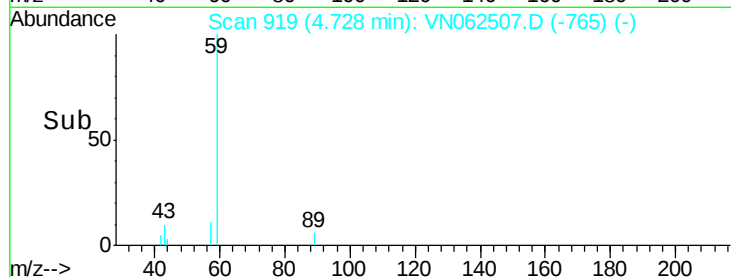
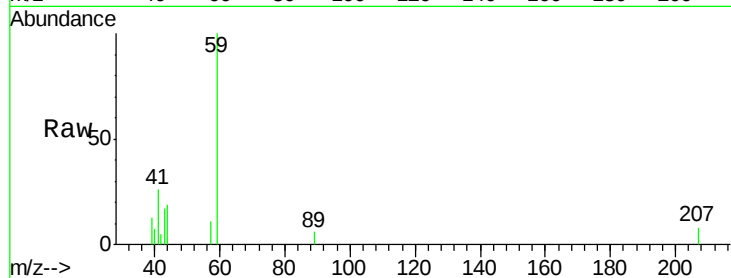
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

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#24

Methyl tert-Butyl Ether

Concen: 5.691 ug/l

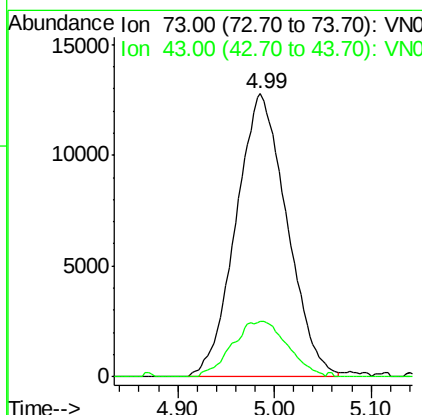
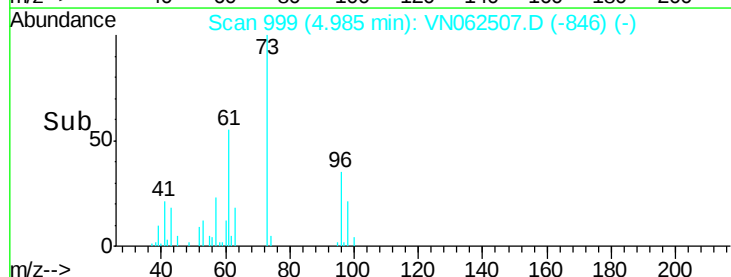
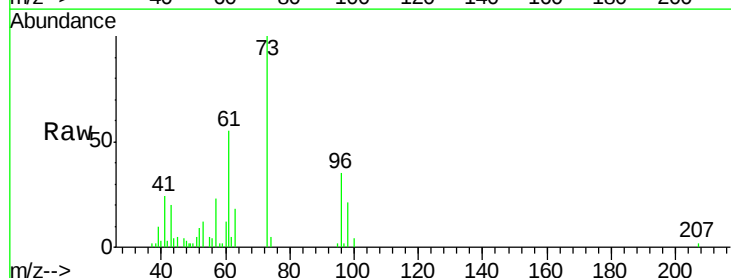
RT: 4.99 min Scan# 999

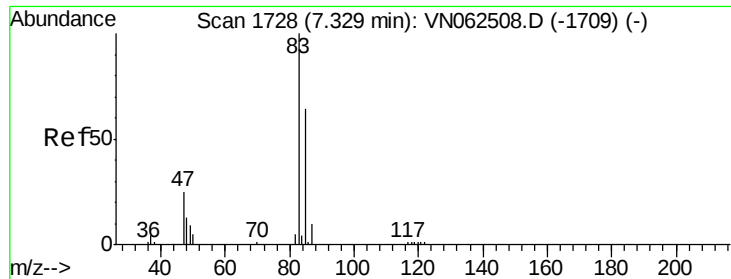
Delta R.T. -0.01 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
73	100		
43	9.1	16.9	25.3#





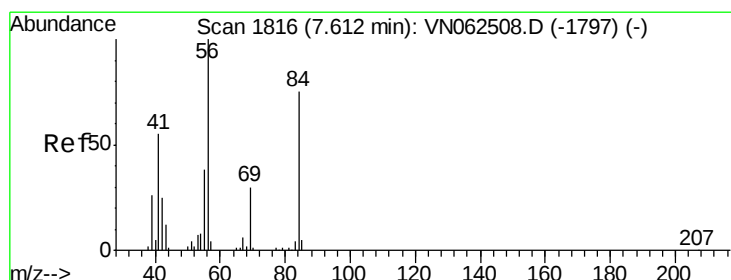
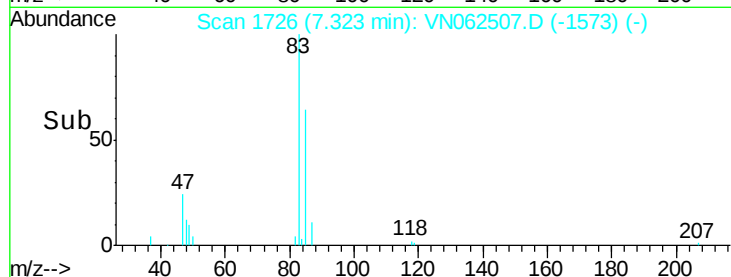
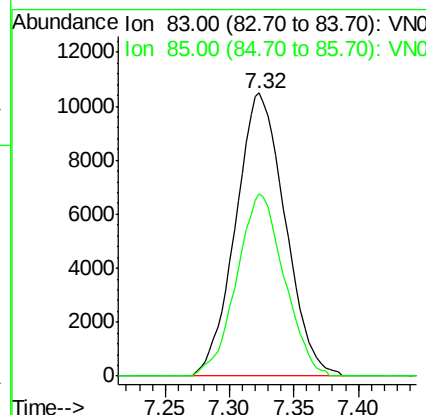
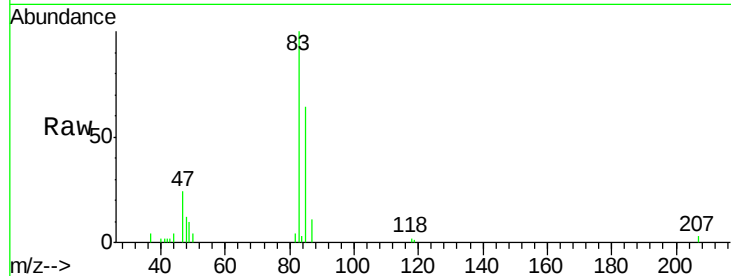
#25
Chloroform
Concen: 5.445 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	27987
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	51.0	76.4

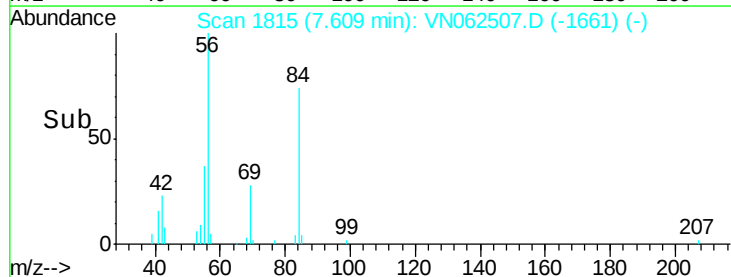
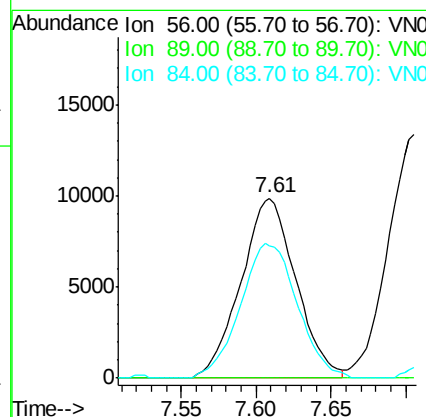
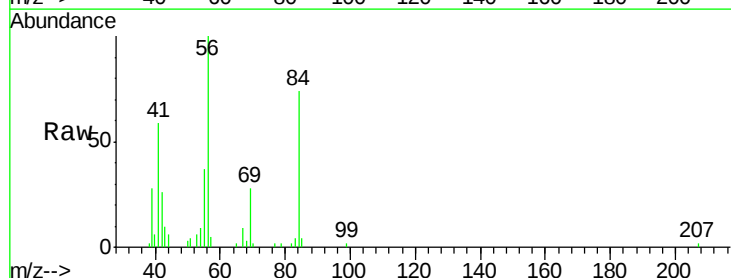
Manual Integrations
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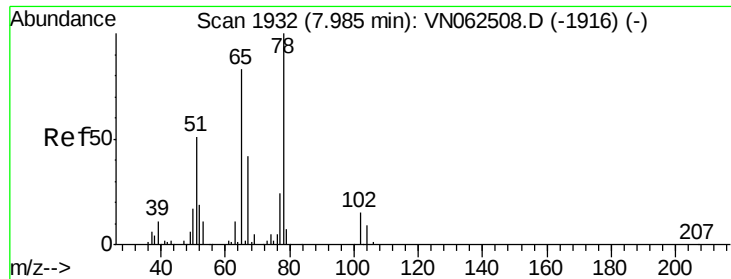
MMDadoda
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#26
Cyclohexane
Concen: 6.701 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	56	Resp	25247
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	77.6	61.1	91.7





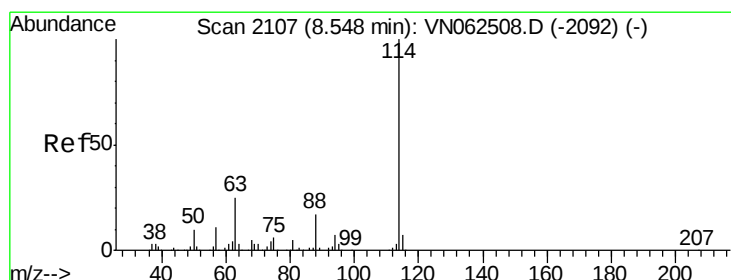
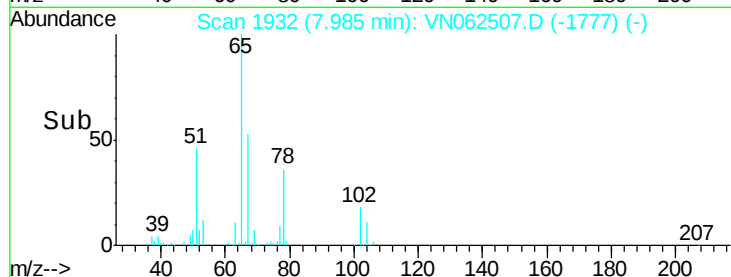
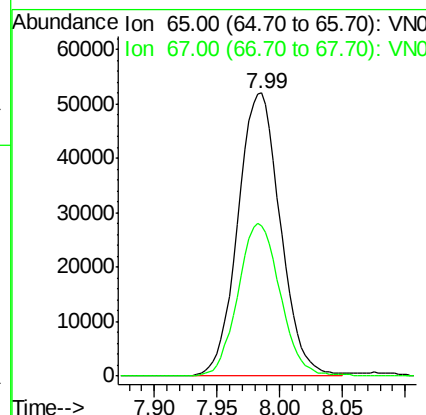
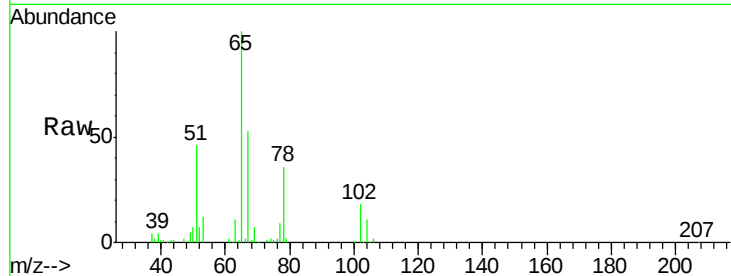
#27
 1,2-Dichloroethane-d4
 Concen: 38.580 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	41.7	62.5

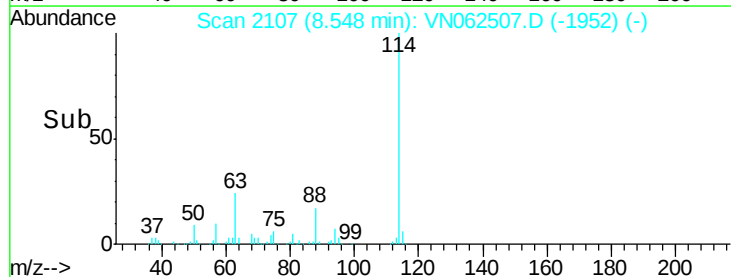
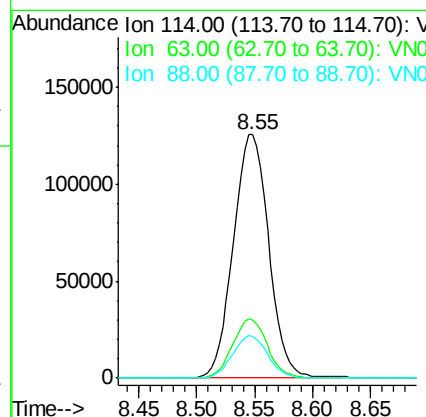
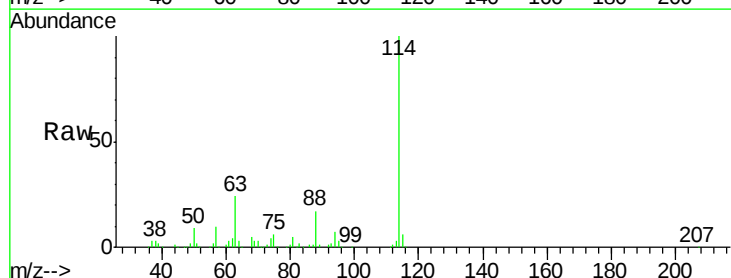
Manual Integrations
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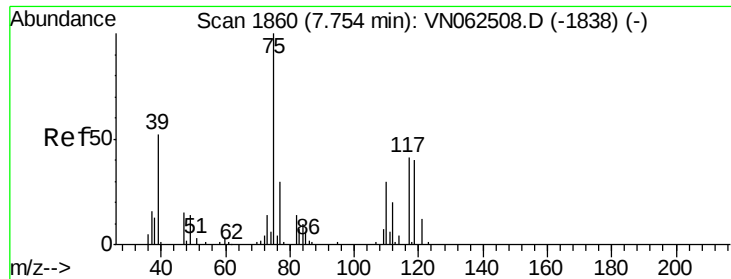
MMDadoda
 7/14/2020 11:36:38 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.0
88	17.2	13.5	20.3





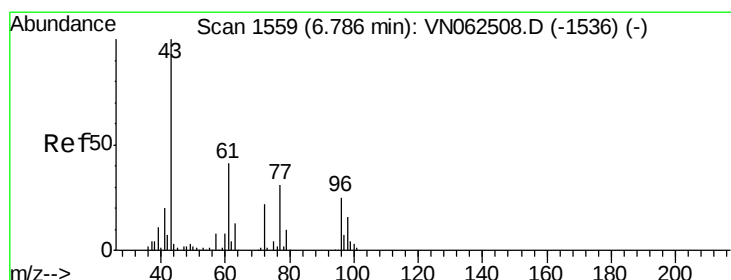
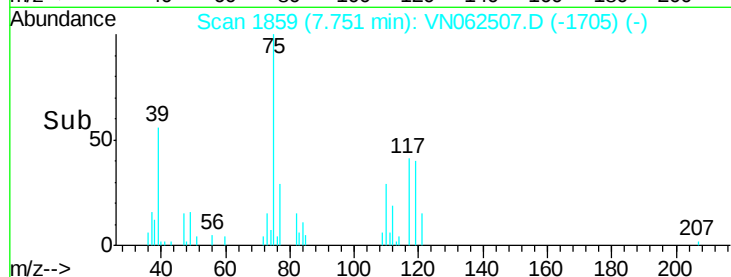
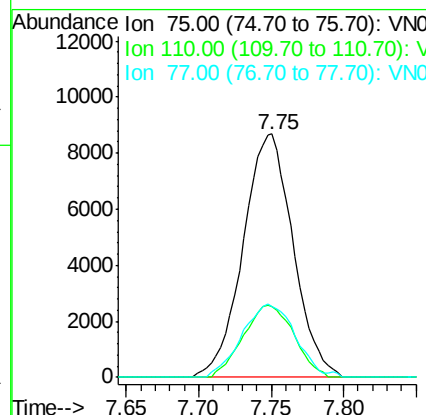
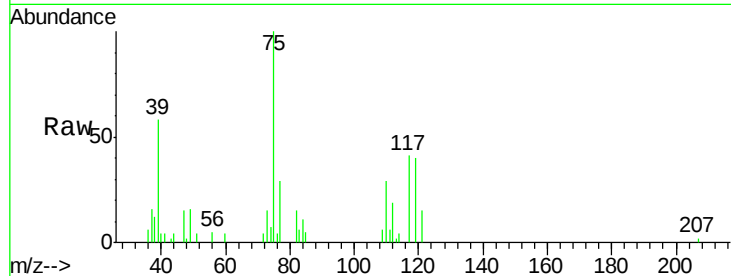
#29
 1,1-Dichloropropene
 Concen: 5.478 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	29.9	0.0	62.4
77	31.9	0.0	62.8

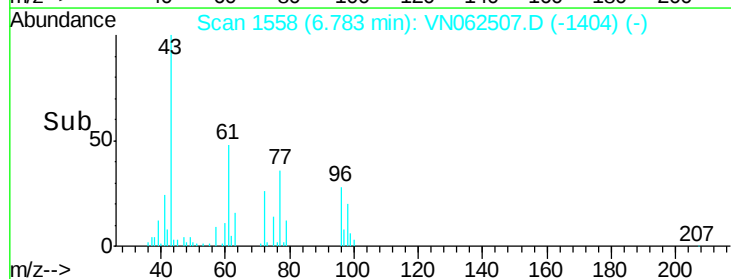
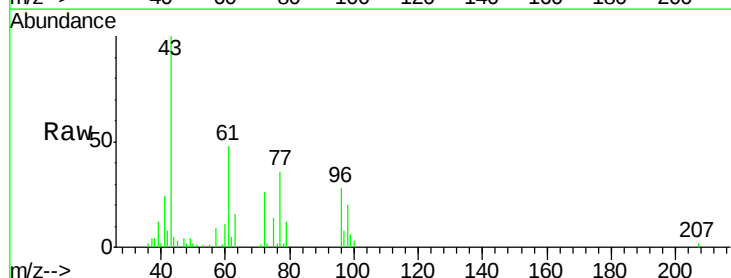
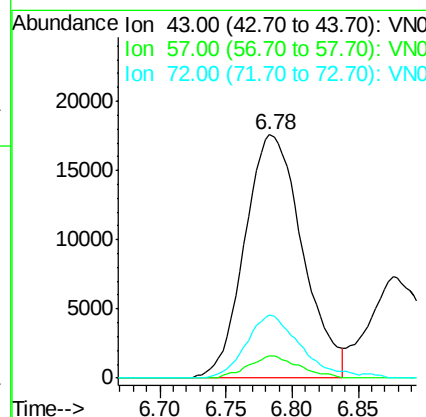
Manual Integrations
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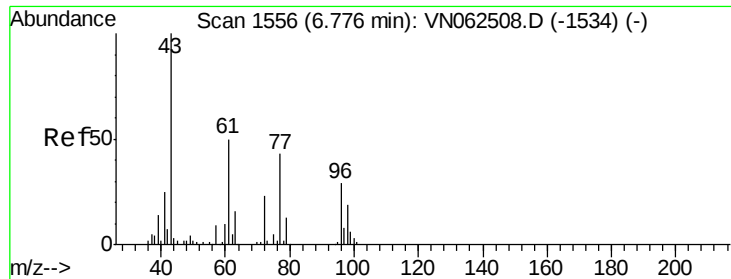
MMDadoda
 7/14/2020 11:36:38 AM



#30
 2-Butanone
 Concen: 35.172 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.0	6.6	9.8
72	23.6	18.5	27.7





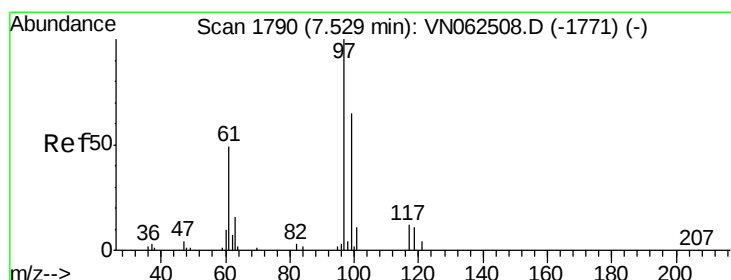
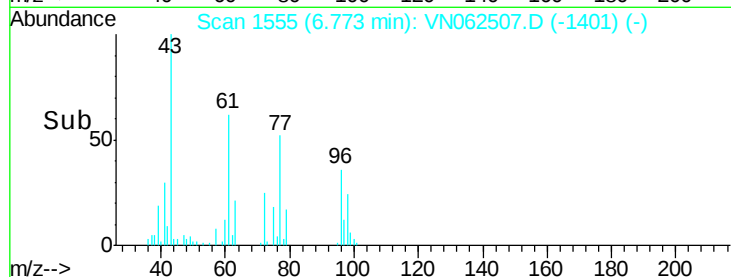
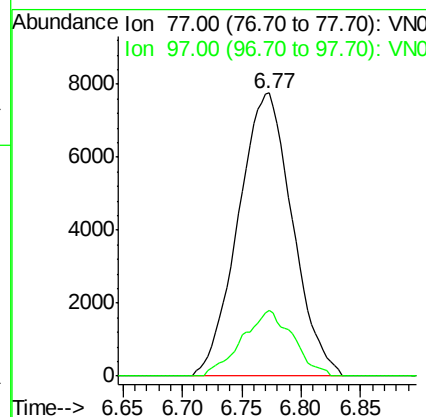
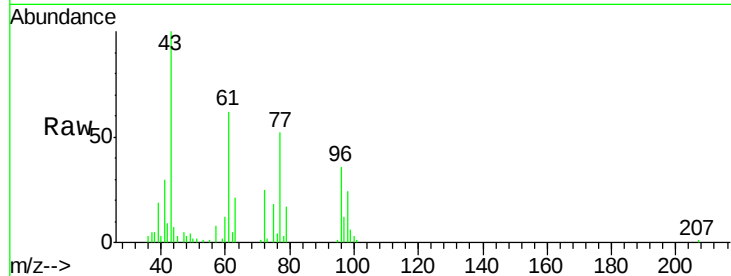
#31
 2,2-Dichloropropane
 Concen: 5.518 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
77	100		
97	16.8	8.6	12.8#

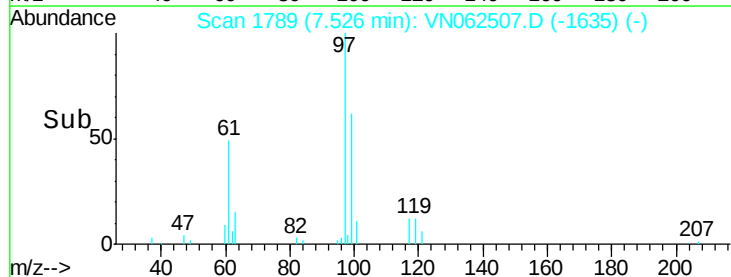
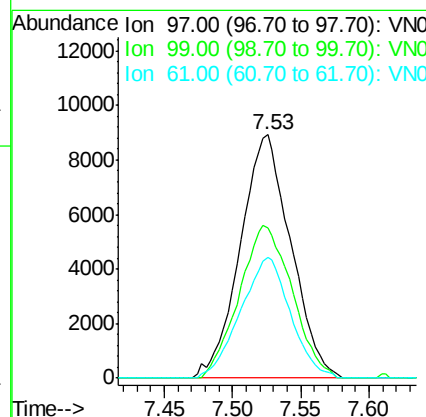
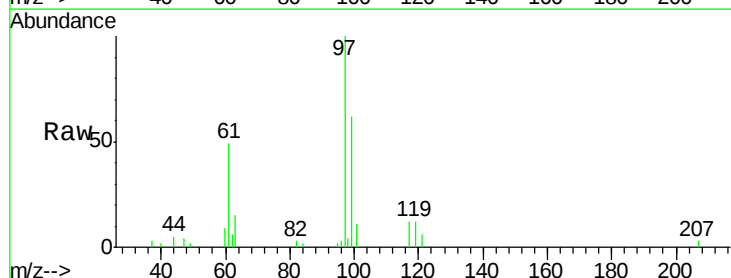
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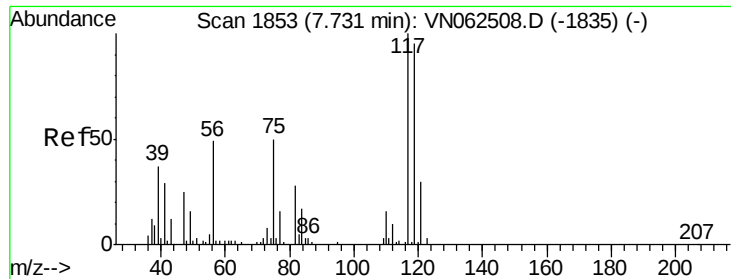
MMDadoda
 7/14/2020 11:36:38 AM



#32
 1,1,1-Trichloroethane
 Concen: 4.899 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.8
61	48.9	39.4	59.0





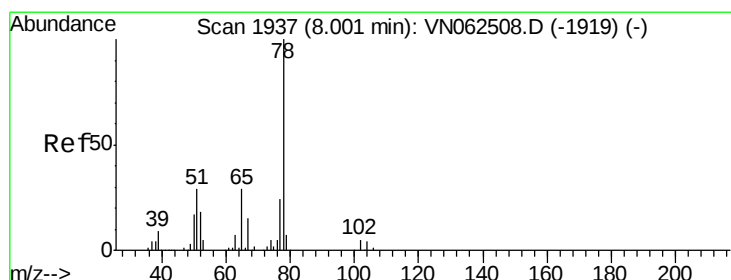
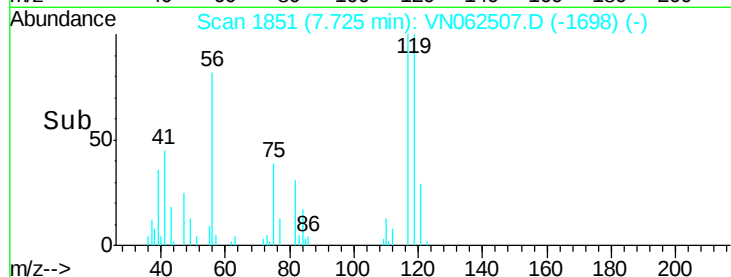
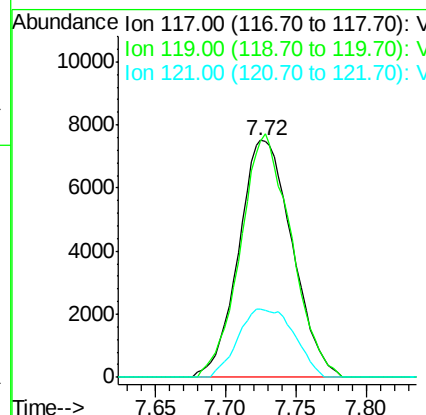
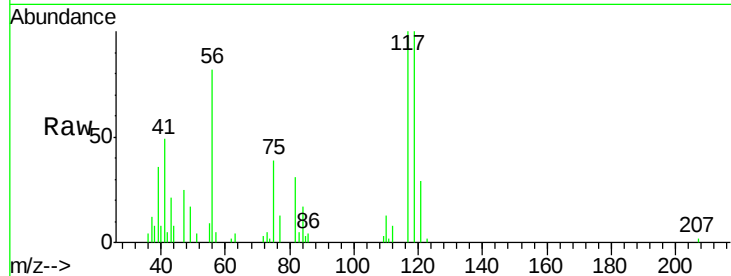
#33
Carbon Tetrachloride
Concen: 5.122 ug/l
RT: 7.72 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.2	114.4
121	29.0	23.8	35.6

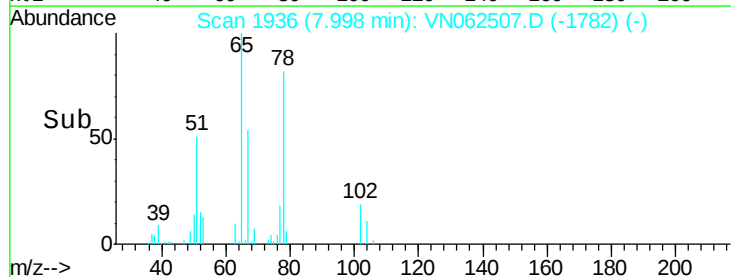
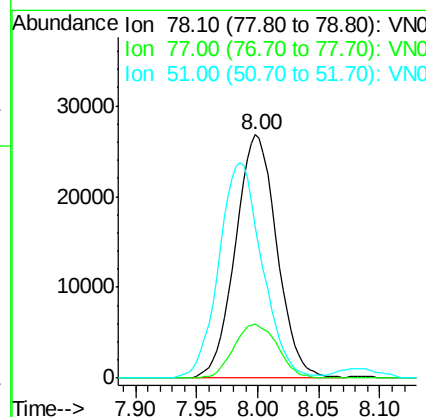
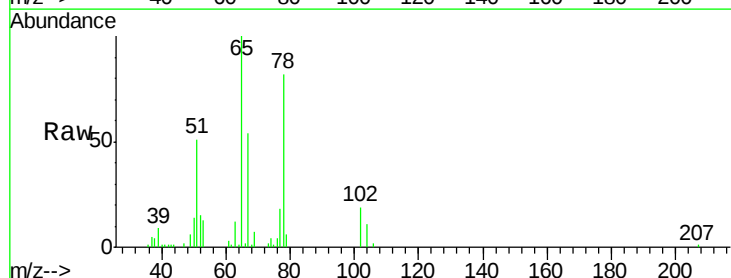
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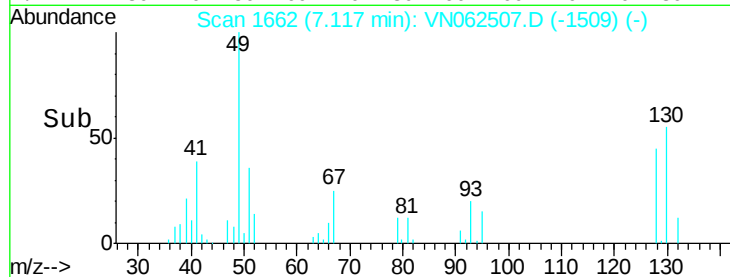
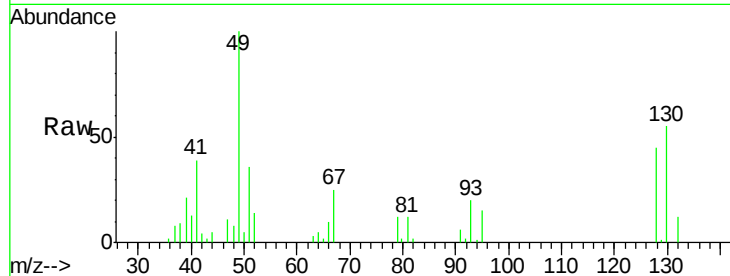
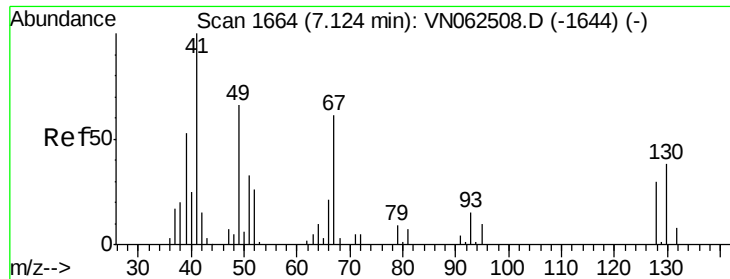
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7/14/2020 11:36:38 AM



#34
Benzene
Concen: 5.385 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

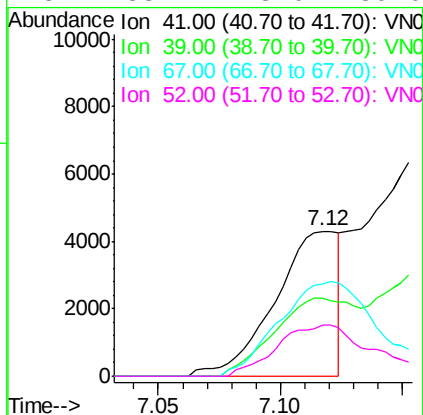
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.9	28.3
51	59.3	23.1	34.7#





#35
Methacrylonitrile
Concen: 5.772 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

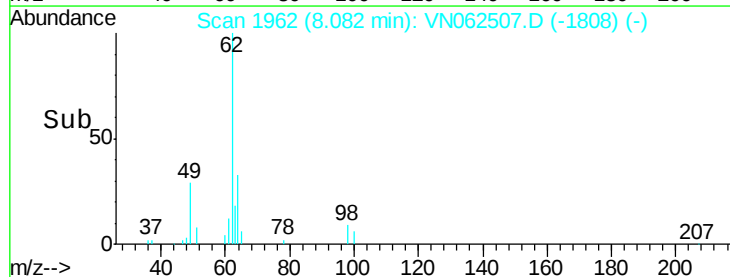
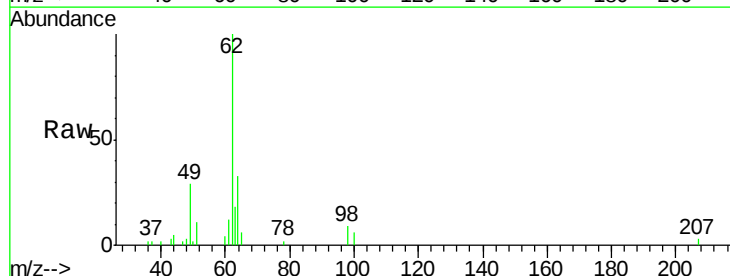
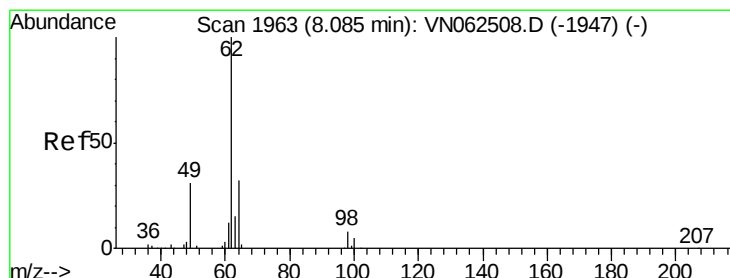
Tot Ion	41	Resp	7754
Ion Ratio	Lower	Upper	
41	100		
39	53.4	26.5	79.5
67	63.9	30.7	92.1
52	35.1	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

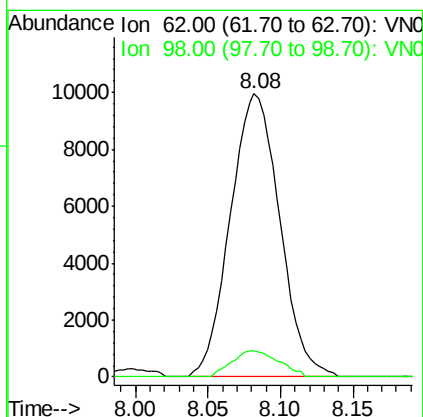
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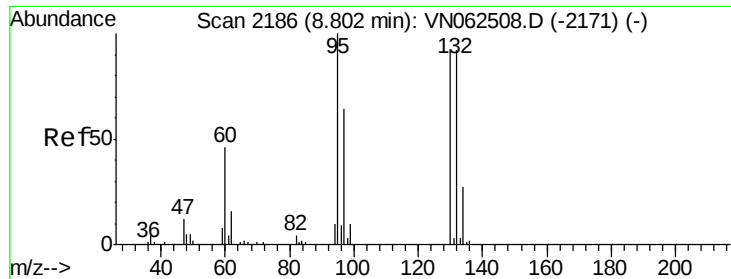
MMDadoda
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#36
1,2-Dichloroethane
Concen: 6.038 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	62	Resp	23576
Ion Ratio	Lower	Upper	
62	100		
98	8.8	6.6	9.8





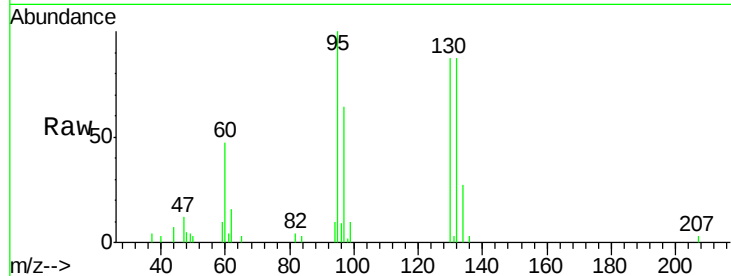
#37
 Trichloroethene
 Concen: 4.038 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

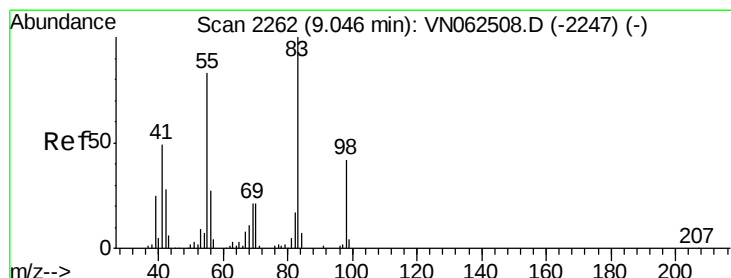
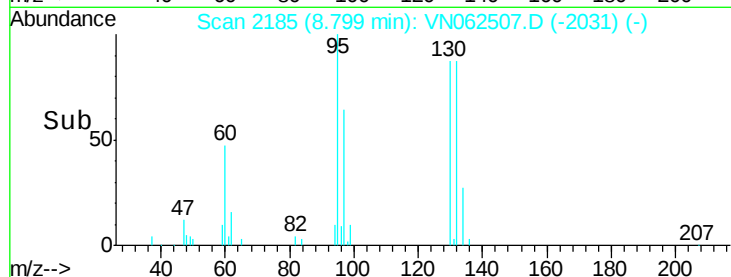
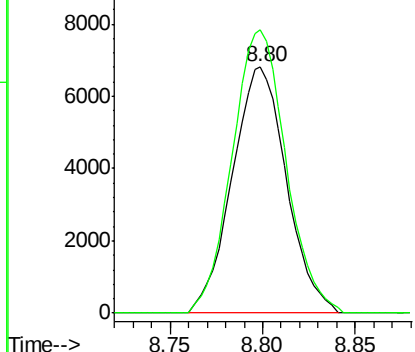
Tot Ion:130 Resp: 13876
 Ion Ratio Lower Upper
 130 100
 95 114.7 86.5 129.7

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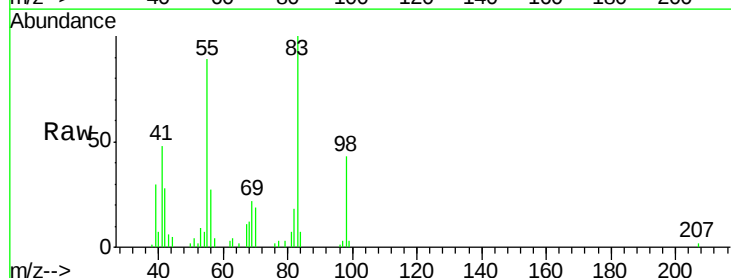


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN0

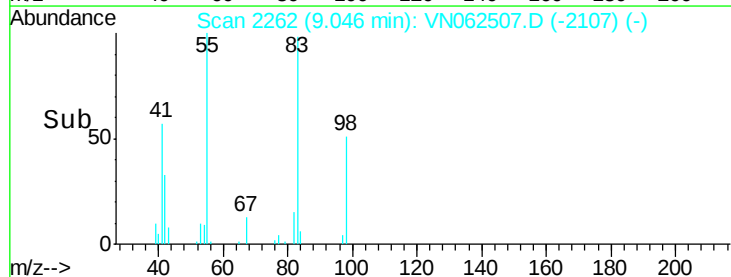
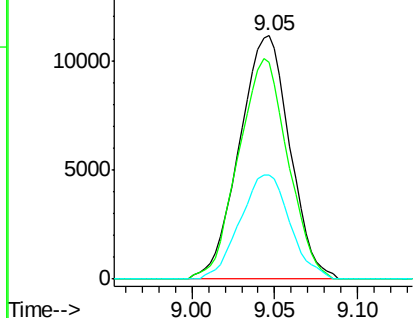


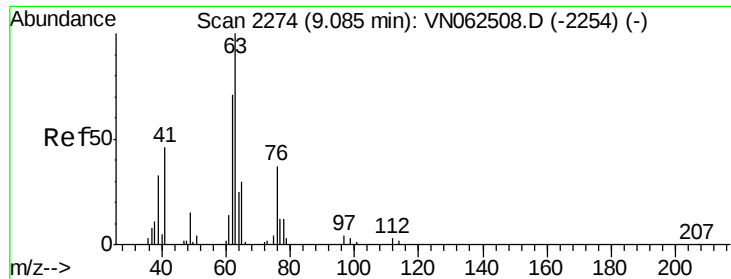
#38
 Methylcyclohexane
 Concen: 5.552 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion: 83 Resp: 23511
 Ion Ratio Lower Upper
 83 100
 55 88.9 42.8 128.3
 98 42.6 21.9 65.7



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





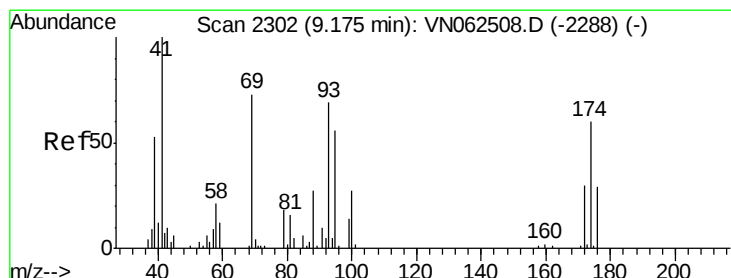
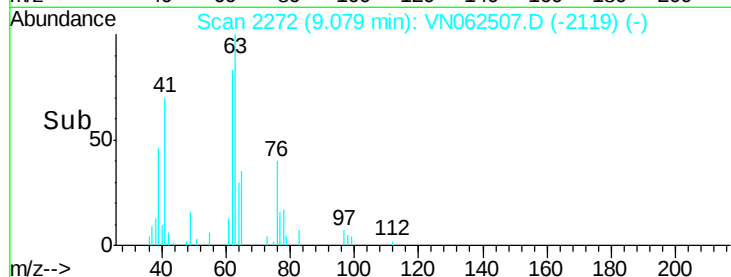
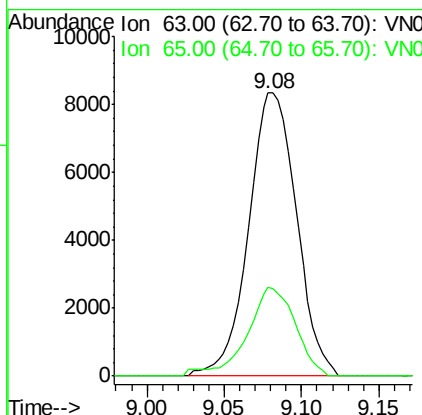
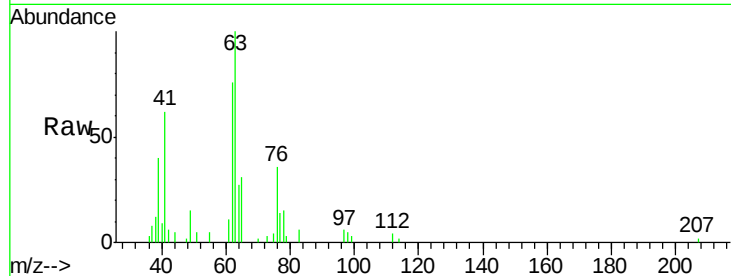
#39
 1,2-Dichloropropane
 Concen: 6.100 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100		18001		
65	31.5	24.2	36.4		

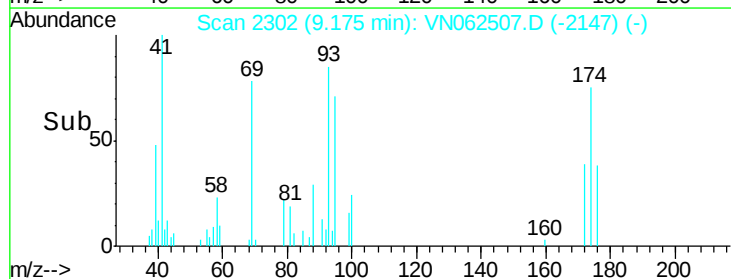
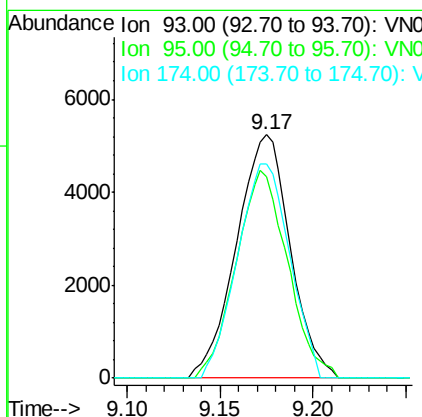
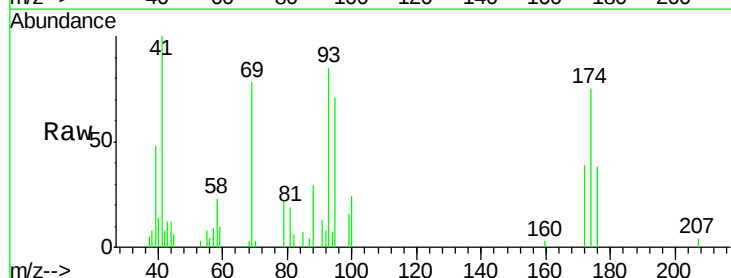
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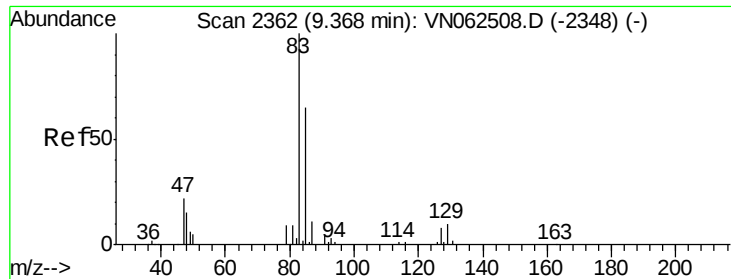
MMDadoda
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#40
 Dibromomethane
 Concen: 5.063 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		10521		
95	81.9	0.0	161.2		
174	85.6	0.0	178.0		





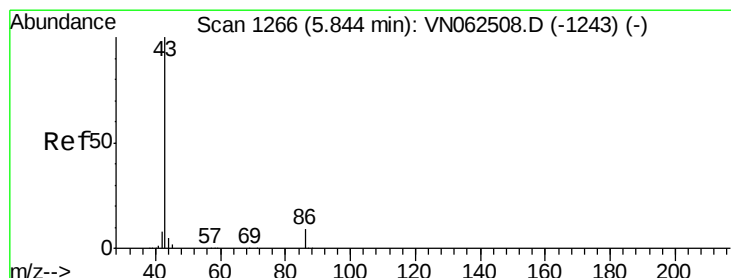
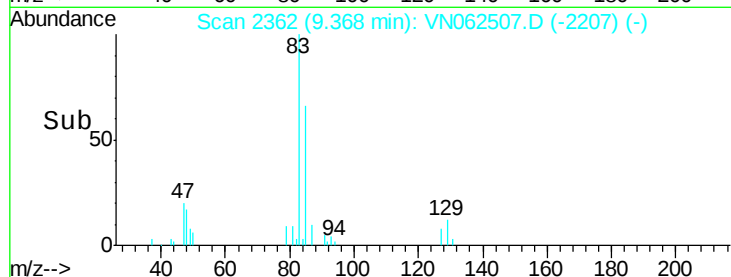
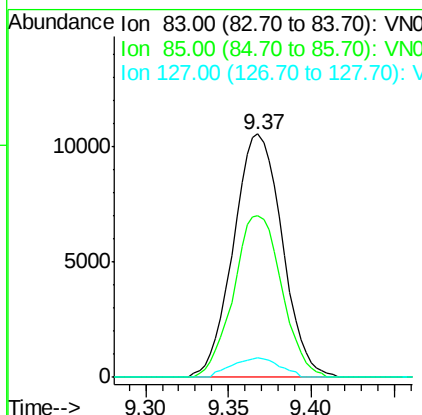
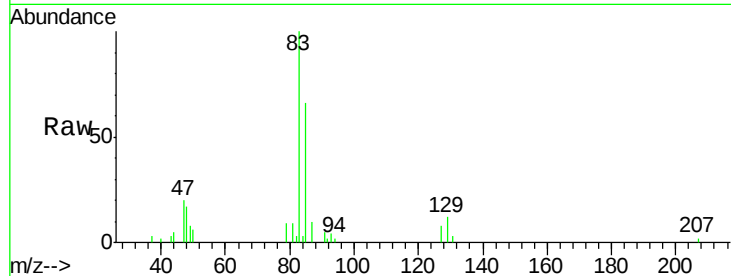
#41
 Bromodichloromethane
 Concen: 5.090 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	83	Resp	21649
Ion Ratio	Lower	Upper	
83	100		
85	66.4	51.6	77.4
127	7.8	6.3	9.5

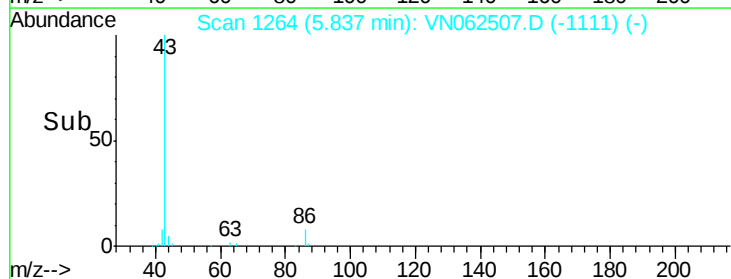
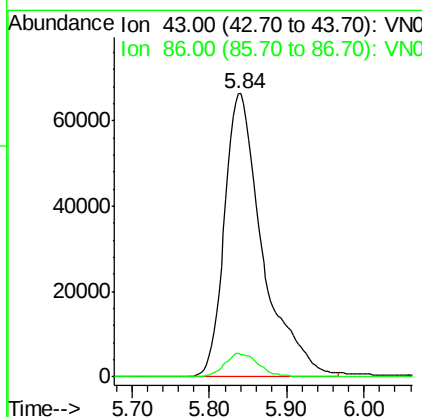
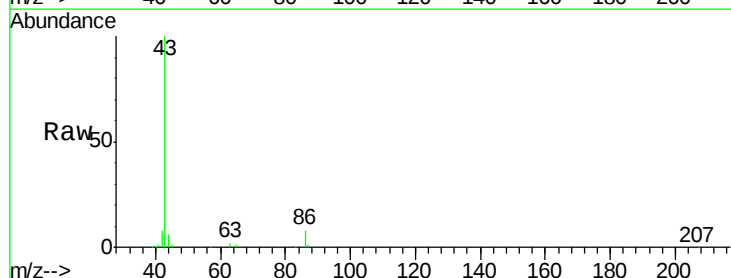
Manual Integrations
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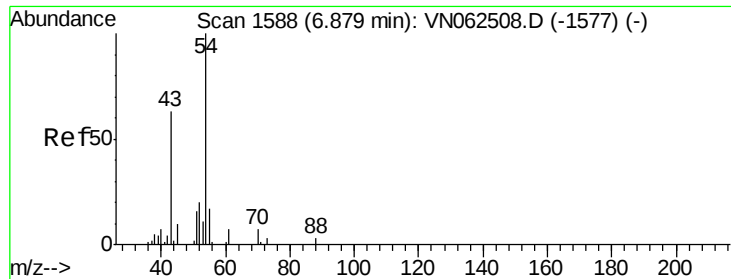
MMDadoda
 7/14/2020 11:36:38 AM



#42
 Vinyl Acetate
 Concen: 36.822 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	43	Resp	227509
Ion Ratio	Lower	Upper	
43	100		
86	7.4	6.1	9.1





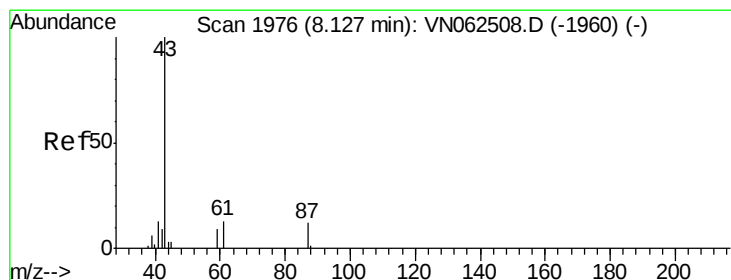
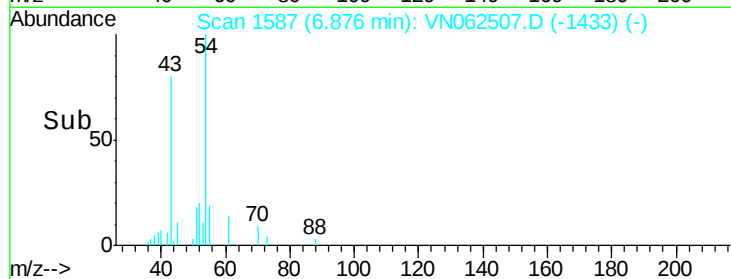
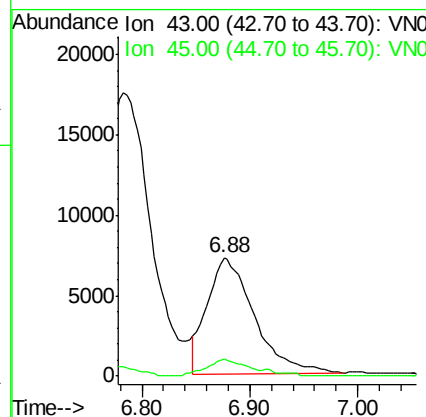
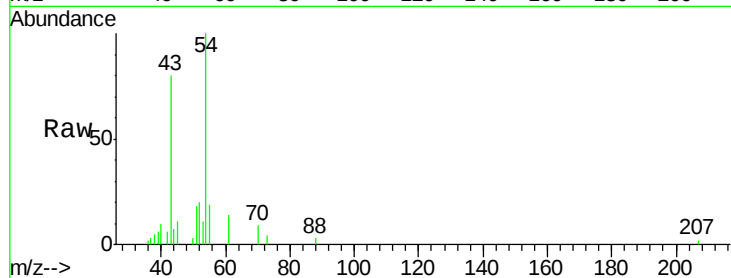
#43
Ethyl Acetate
Concen: 7.211 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 22074
Ion Ratio Lower Upper
43 100
45 11.7 10.2 15.4

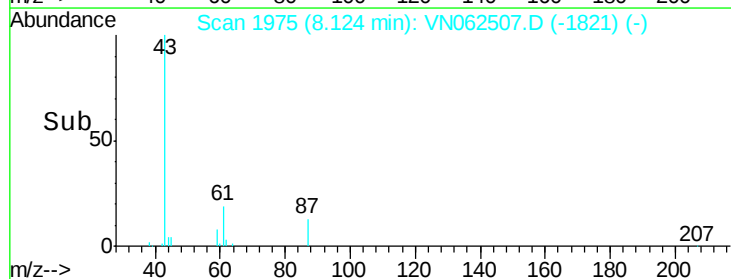
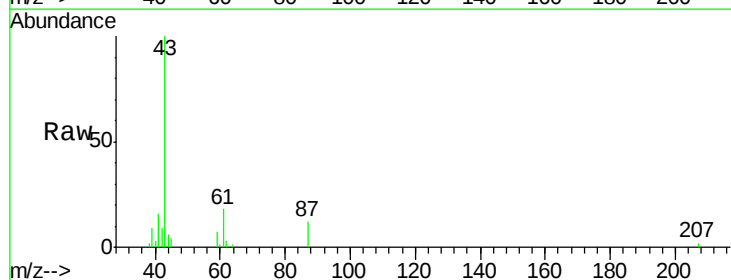
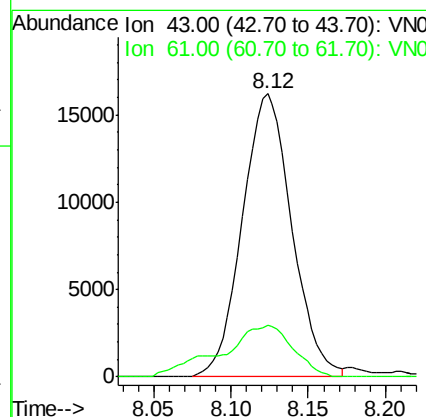
Manual Integrations
APPROVED

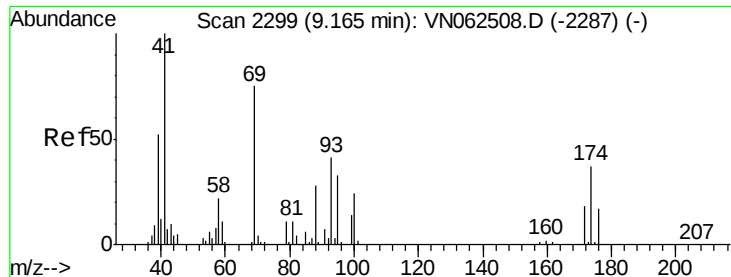
MMDadoda
7/14/2020 11:36:38 AM



#44
Isopropyl Acetate
Concen: 6.780 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion: 43 Resp: 36102
Ion Ratio Lower Upper
43 100
61 19.2 14.7 22.1





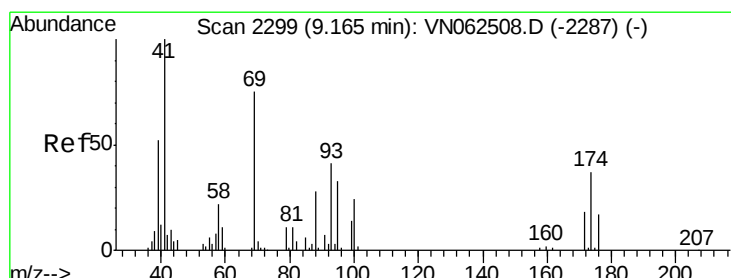
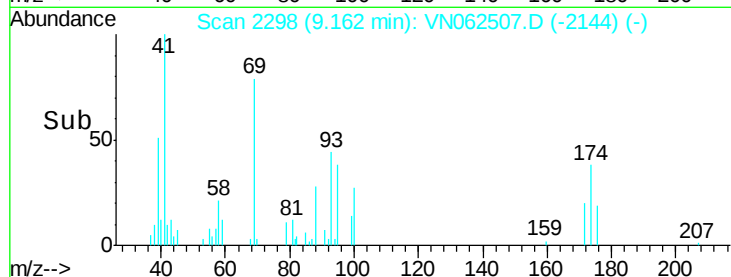
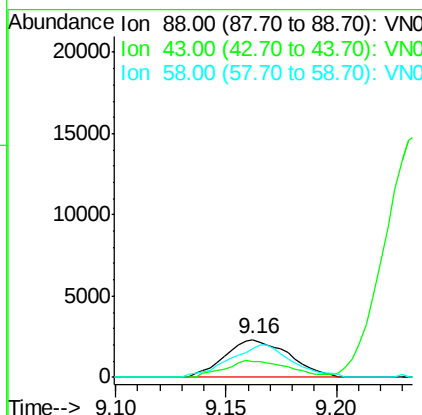
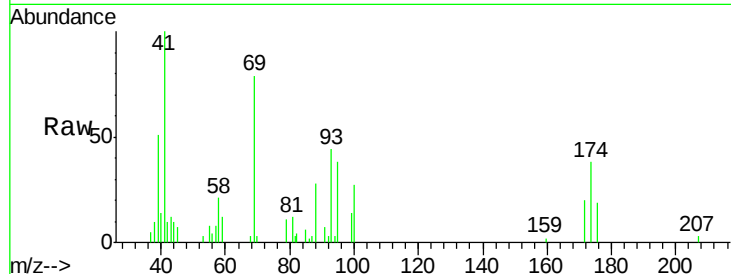
#45
1,4-Dioxane
Concen: 94.239 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.2	29.2	43.8
58	82.8	62.2	93.4

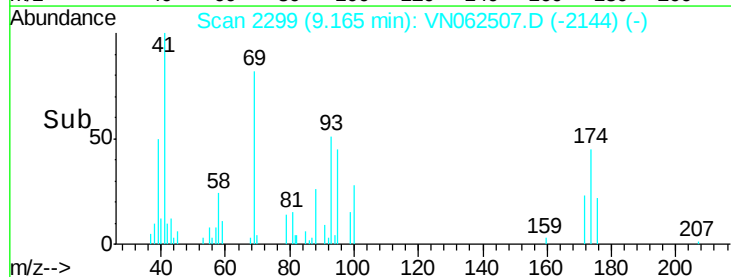
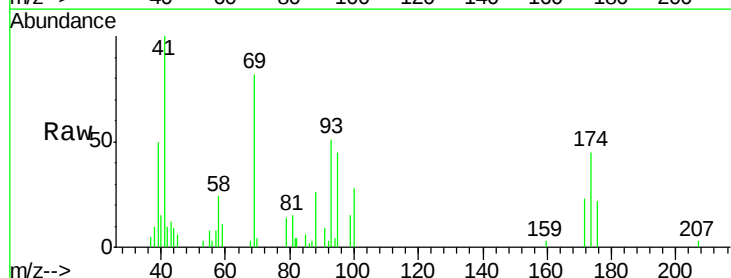
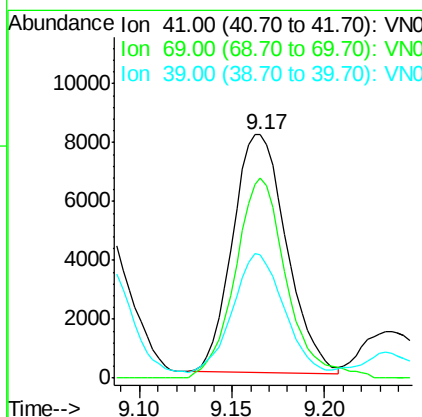
Manual Integrations
APPROVED

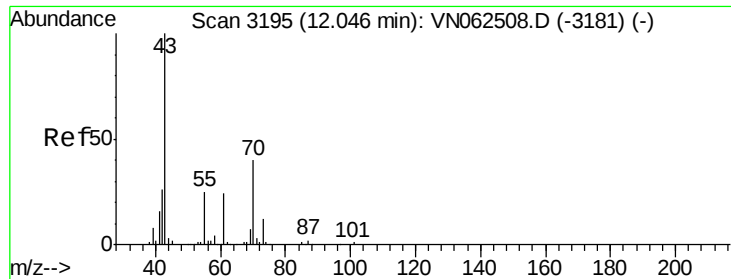
MMDadoda
7/14/2020 11:36:38 AM



#46
Methyl methacrylate
Concen: 6.823 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.7	37.4	112.2
39	49.6	25.9	77.6





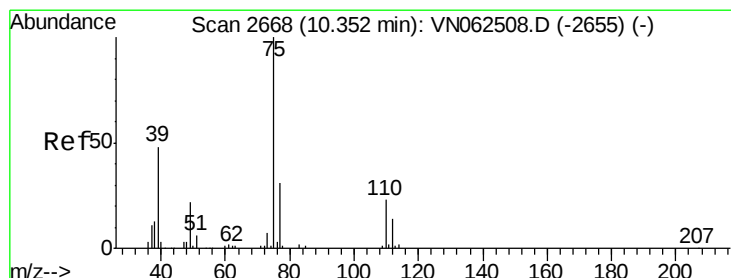
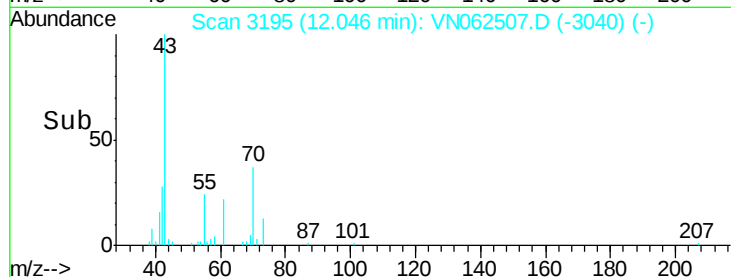
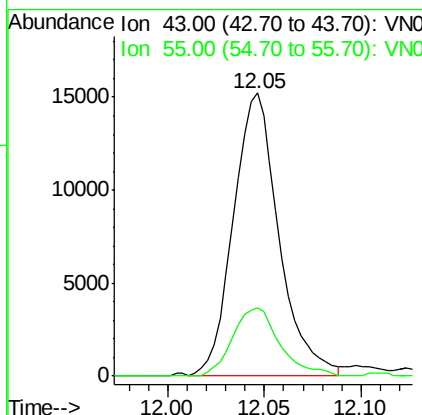
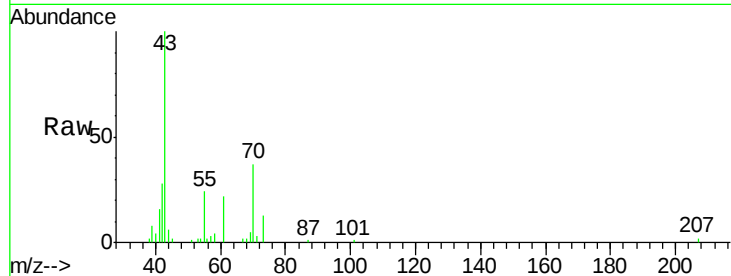
#47
n-amvl Acetate
Concen: 5.518 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 24964
Ion Ratio Lower Upper
43 100
55 25.0 20.4 30.6

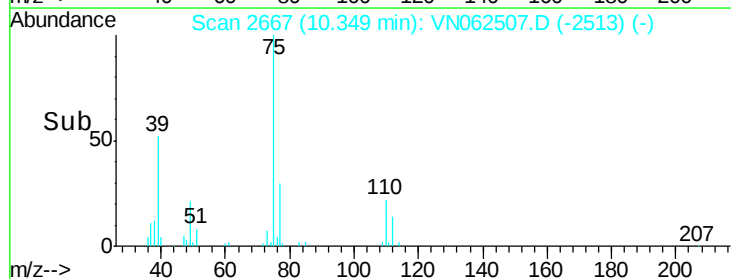
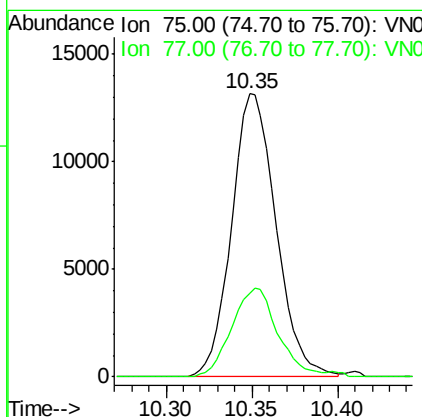
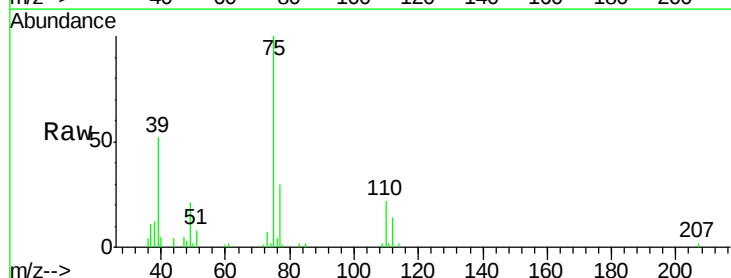
Manual Integrations
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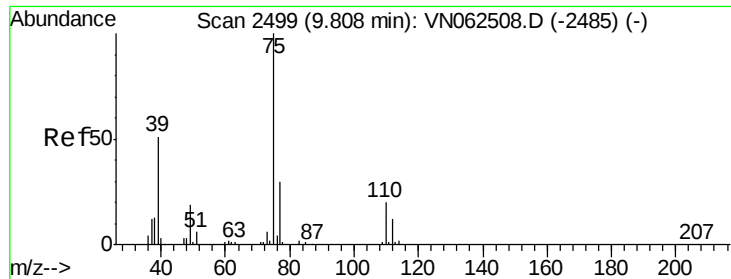
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 5.219 ug/l
RT: 10.35 min Scan# 2667
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion: 75 Resp: 23771
Ion Ratio Lower Upper
75 100
77 29.5 25.0 37.4





#49

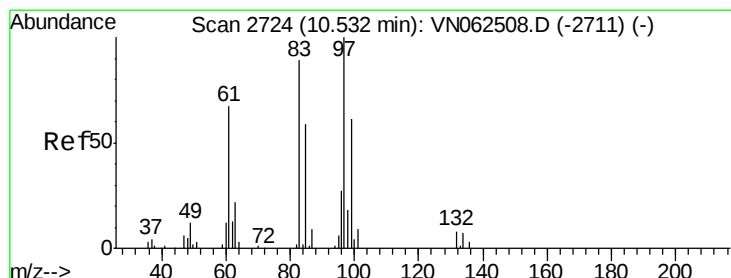
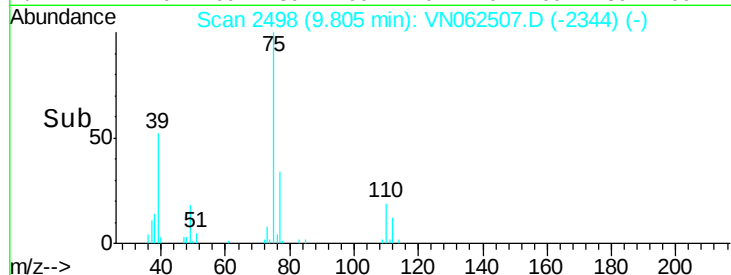
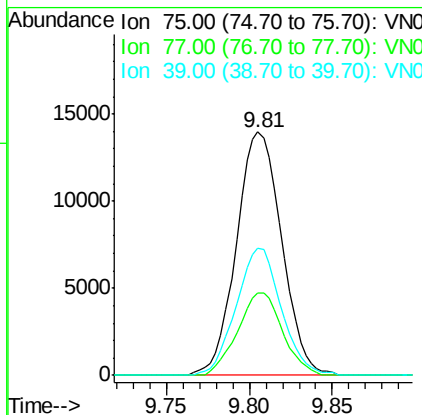
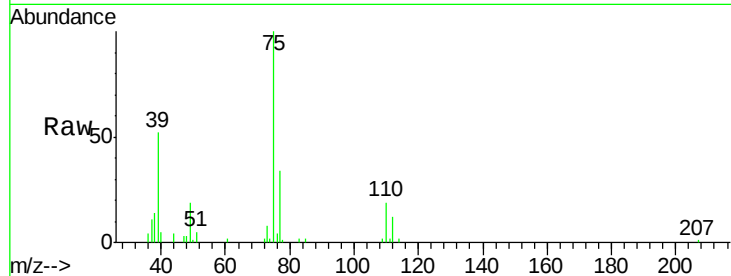
cis-1,3-Dichloropropene
Concen: 5.359 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.9	23.7	35.5
39	52.4	40.5	60.7

Manual Integrations
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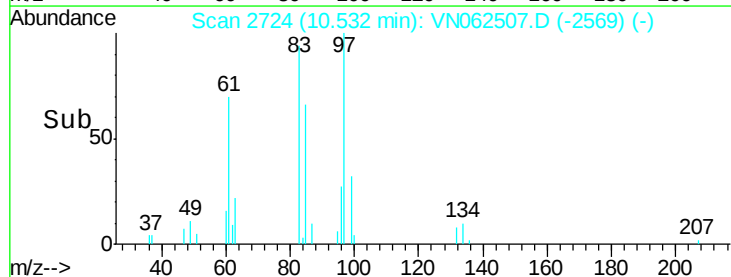
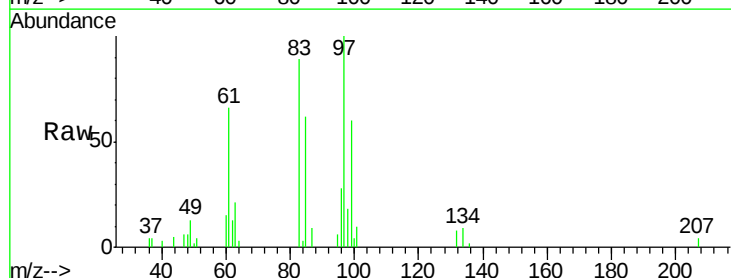
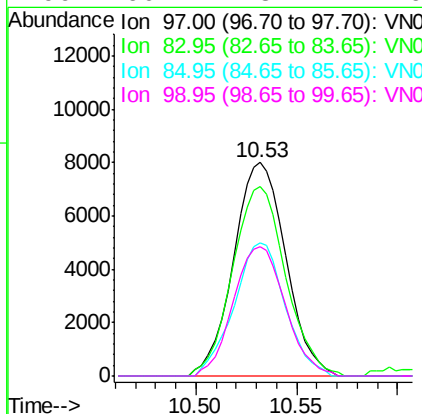
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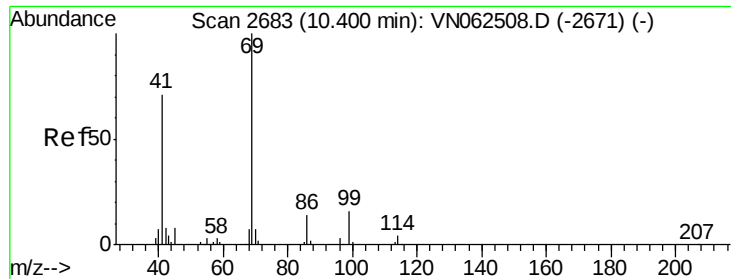


#50

1,1,2-Trichloroethane
Concen: 4.813 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.3	106.9
85	62.4	47.2	70.8
99	60.4	48.4	72.6





#51

Ethyl methacrylate

Concen: 5.176 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

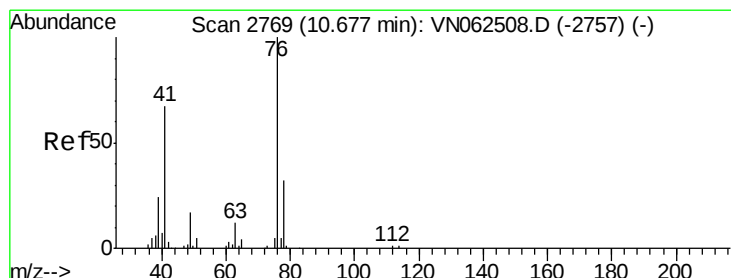
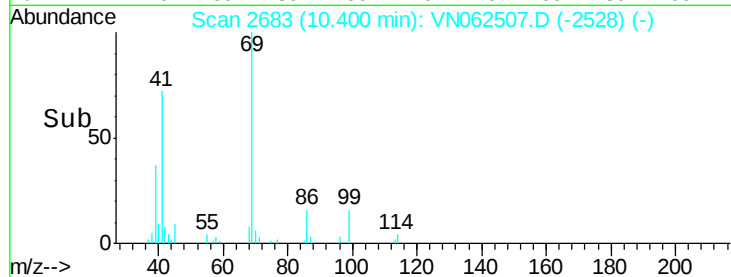
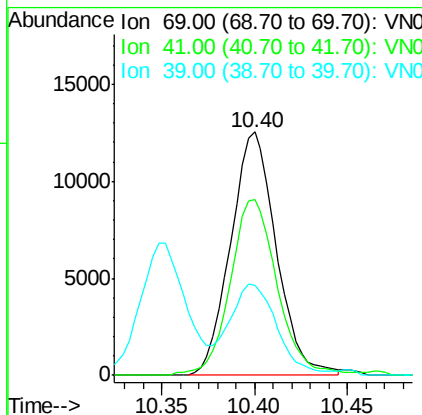
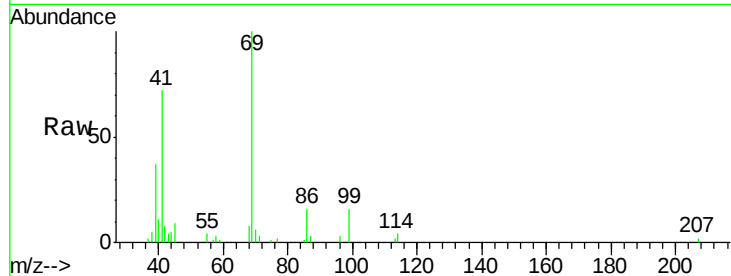
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	21464
Ion	Ratio	Lower	Upper
69	100		
41	70.9	35.6	106.8
39	35.1	17.2	51.5

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 5.266 ug/l

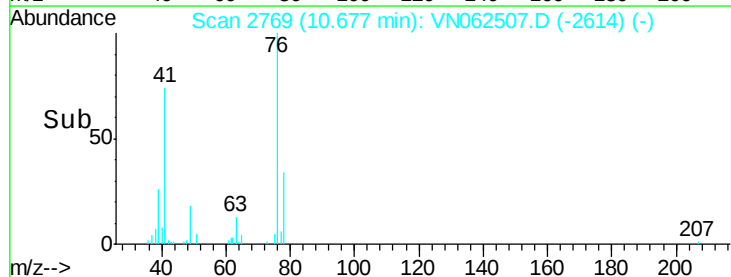
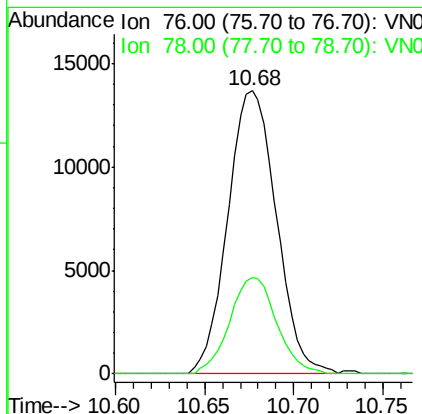
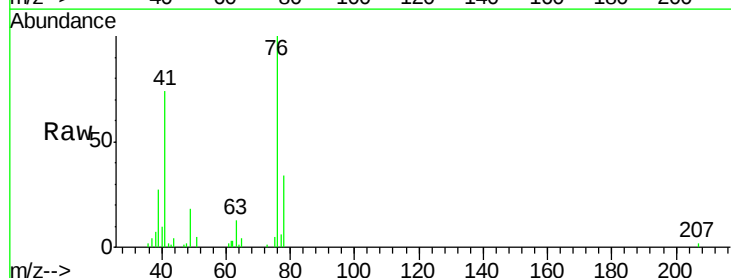
RT: 10.68 min Scan# 2769

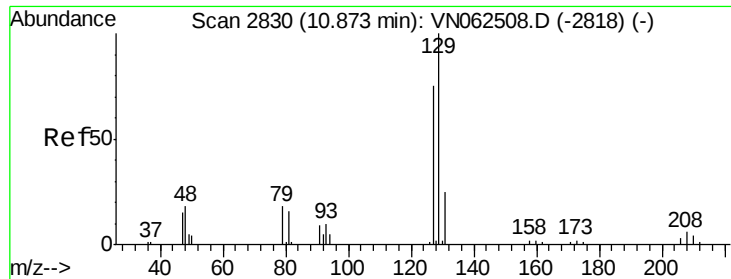
Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Tgt Ion:	76	Resp:	26018
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	63.6





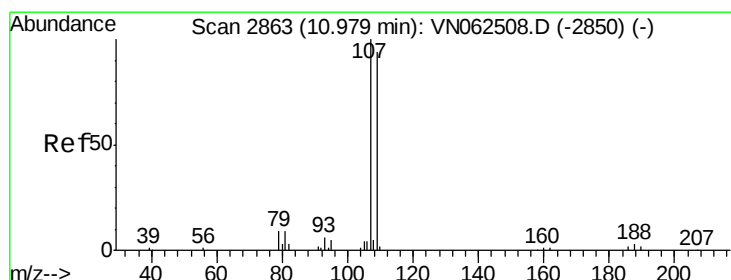
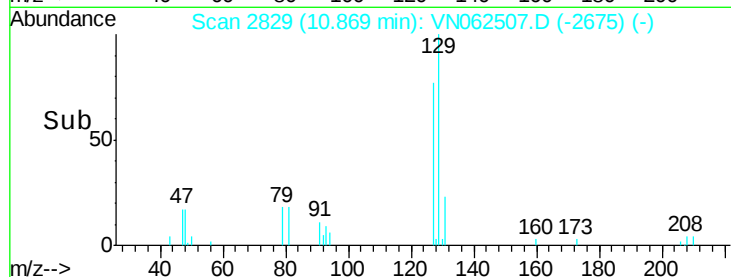
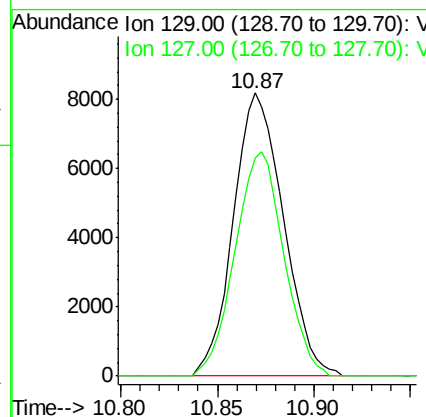
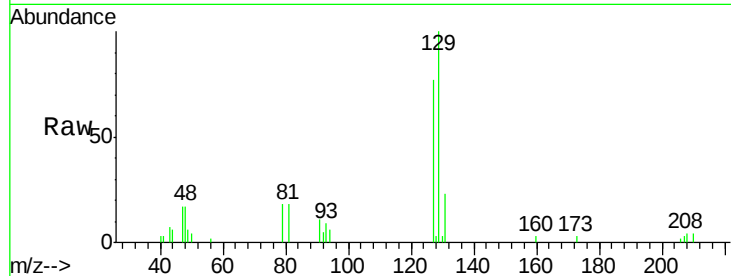
#53
Dibromochloromethane
Concen: 4.216 ug/l
RT: 10.87 min Scan# 2829
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:129 Resp: 14719
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5

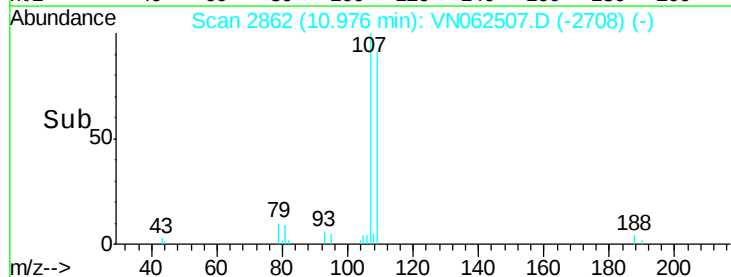
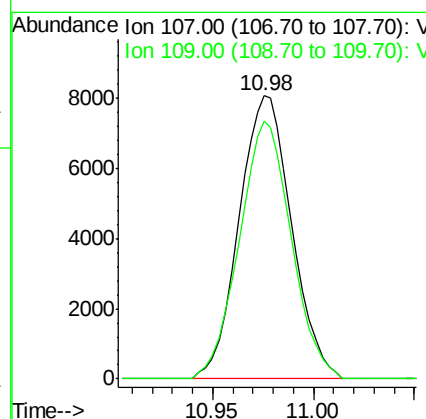
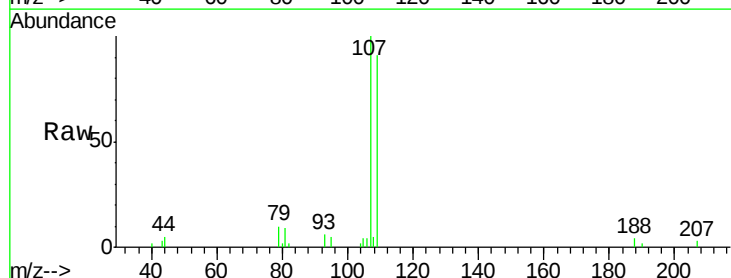
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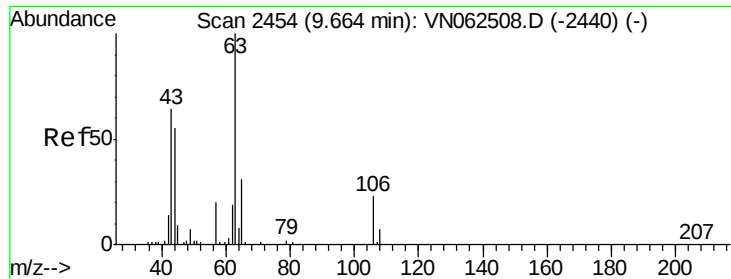
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#54
1,2-Dibromoethane
Concen: 4.712 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion:107 Resp: 14671
Ion Ratio Lower Upper
107 100
109 90.0 74.8 112.2





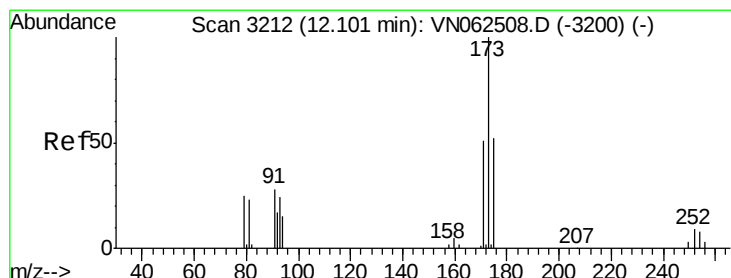
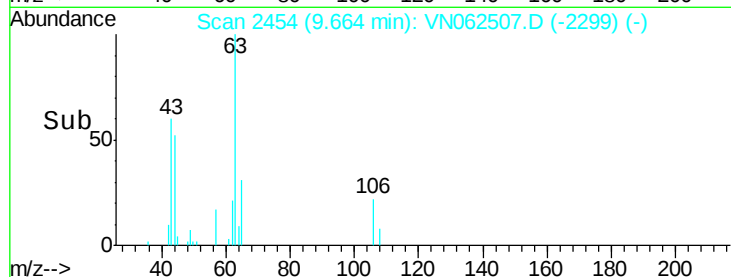
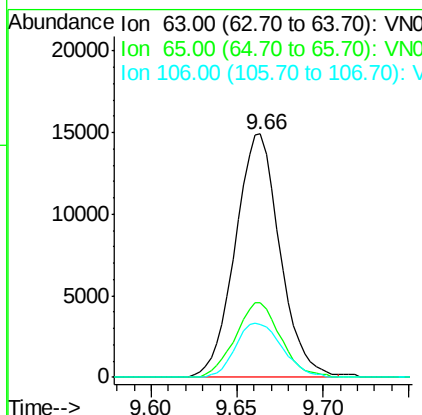
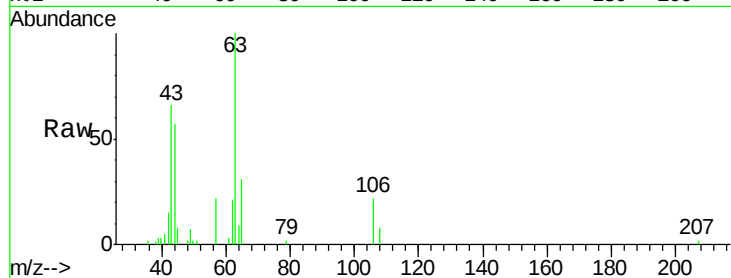
#55
2-Chloroethyl vinyl ether
Concen: 17.654 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.4	38.2
106	23.0	18.4	27.6

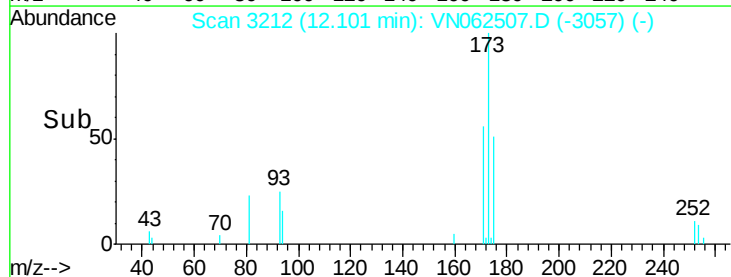
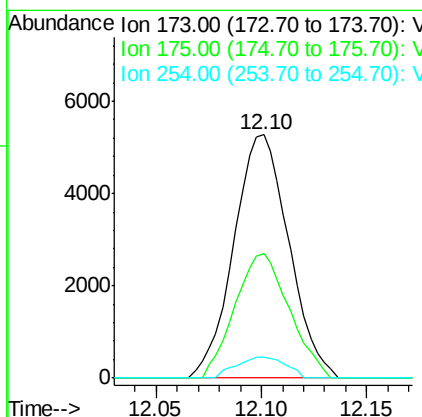
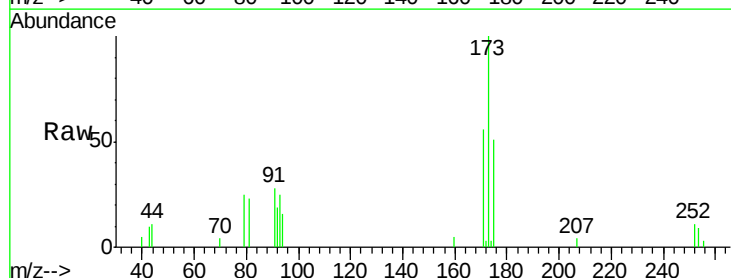
Manual Integrations
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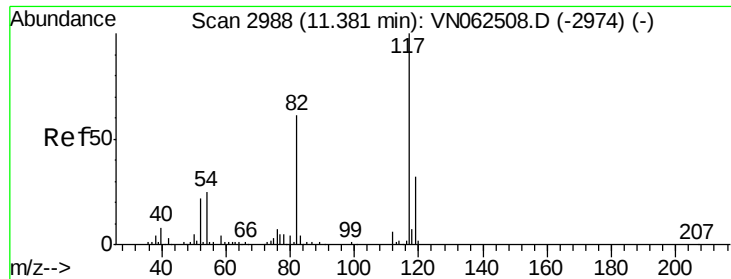
MMDadoda
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#56
Bromoform
Concen: 3.917 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.5	38.1	57.1
254	7.8	6.2	9.2





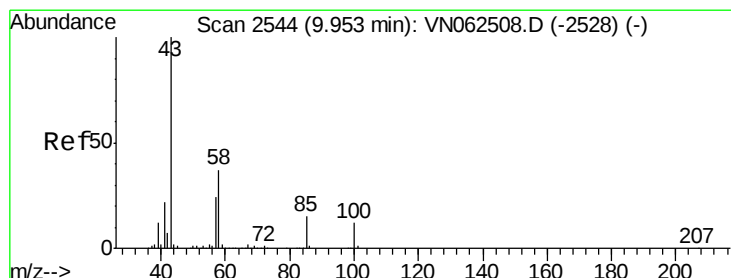
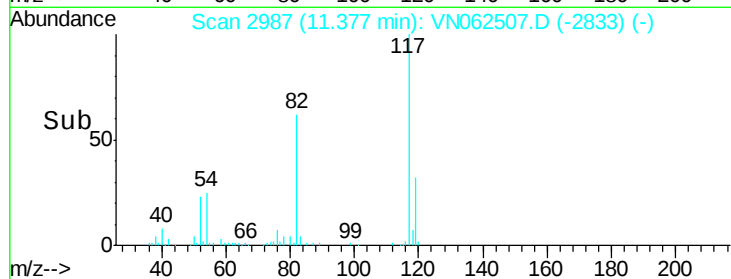
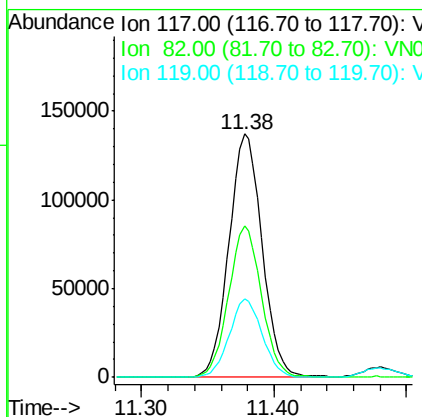
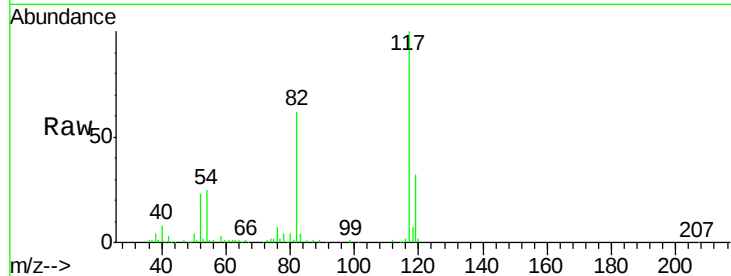
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	238891		
82	61.5	49.0	73.6	
119	32.0	25.6	38.4	

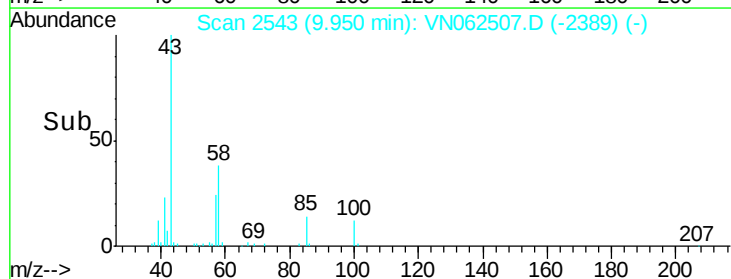
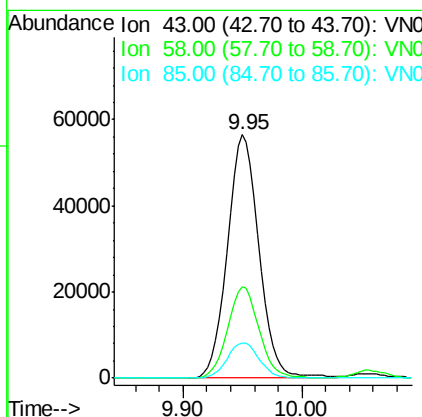
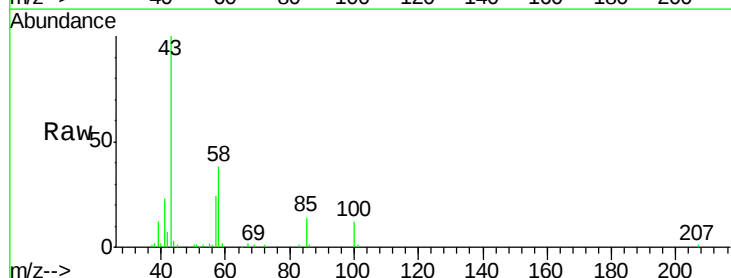
Manual Integrations
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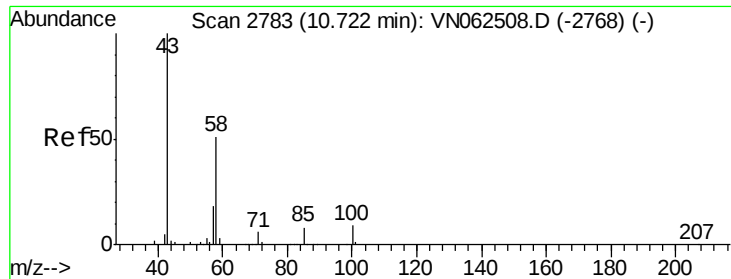
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 34.760 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	103845		
58	37.0	29.6	44.4	
85	14.6	12.0	18.0	





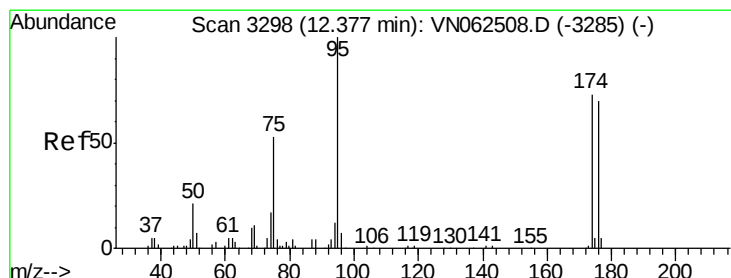
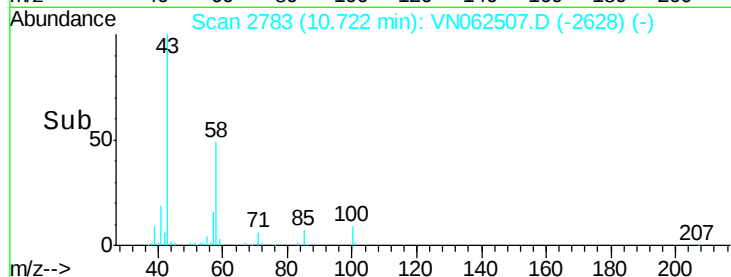
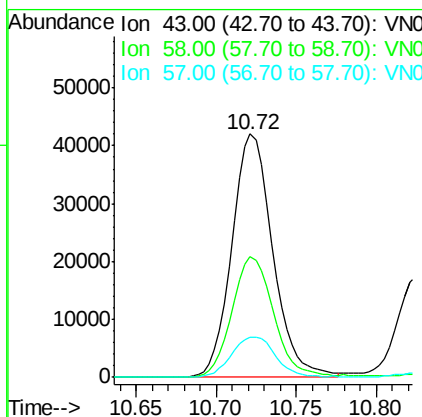
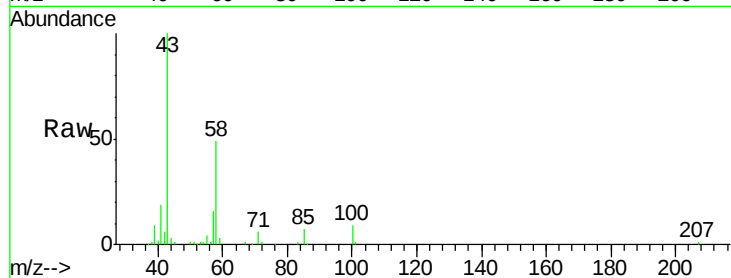
#59
2-Hexanone
Concen: 33.702 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.2	41.2	61.8
57	17.9	14.4	21.6

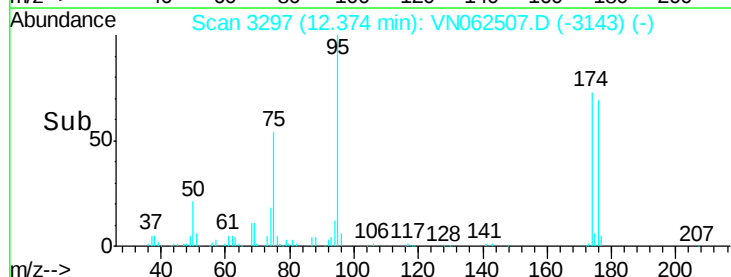
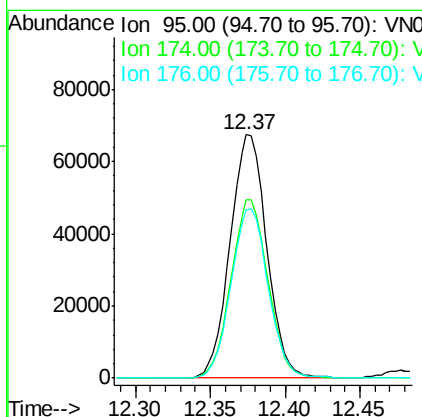
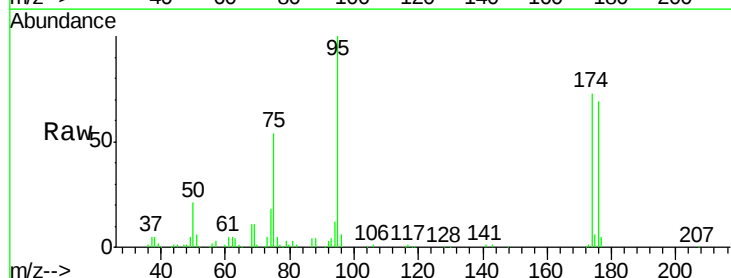
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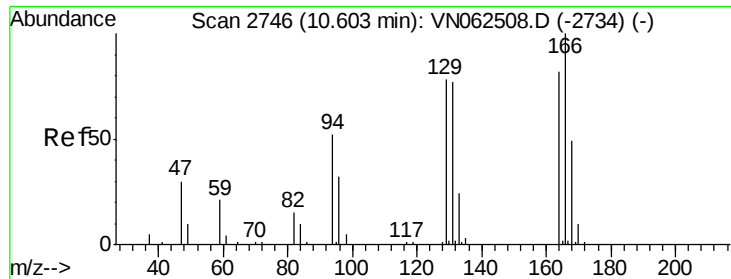
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 31.881 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.4	57.5	86.3
176	70.5	56.3	84.5





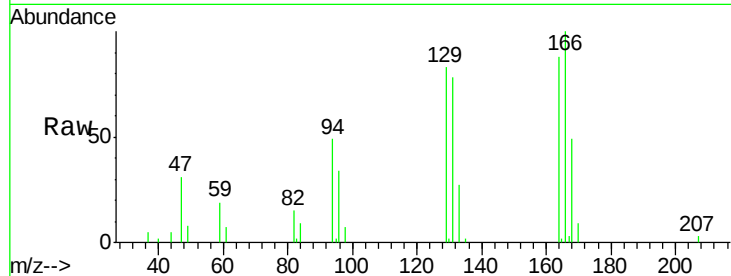
#61
Tetrachloroethene
Concen: 3.518 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
164	100		
166	113.2	97.7	146.5
129	94.4	77.0	115.4
131	88.5	75.0	112.6

Manual Integrations
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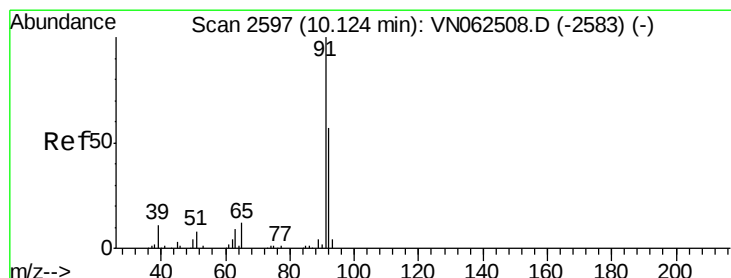
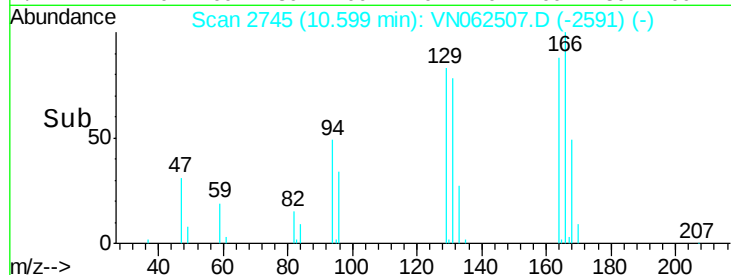
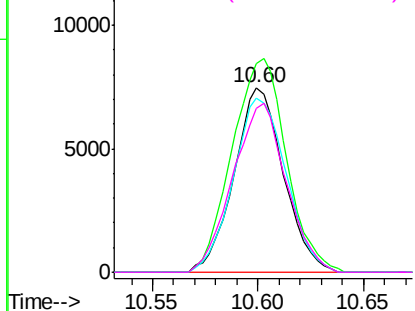


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

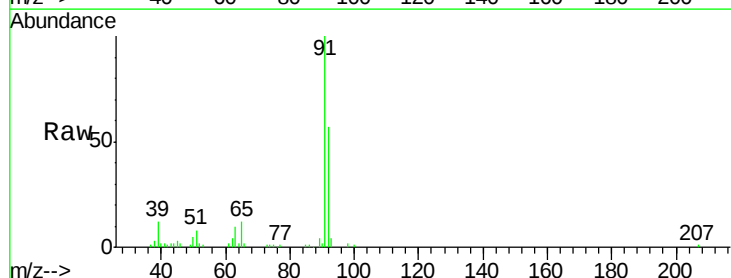
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



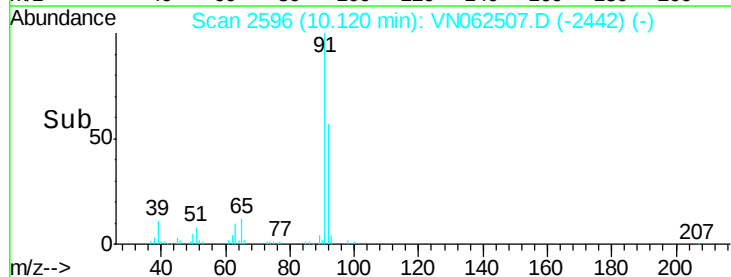
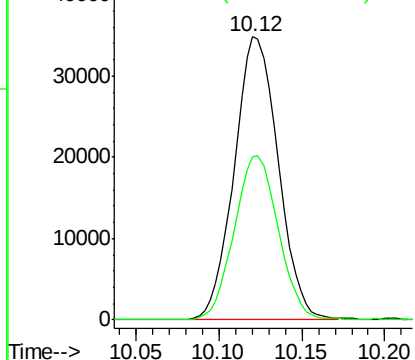
#62
Toluene
Concen: 5.145 ug/l
RT: 10.12 min Scan# 2596
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

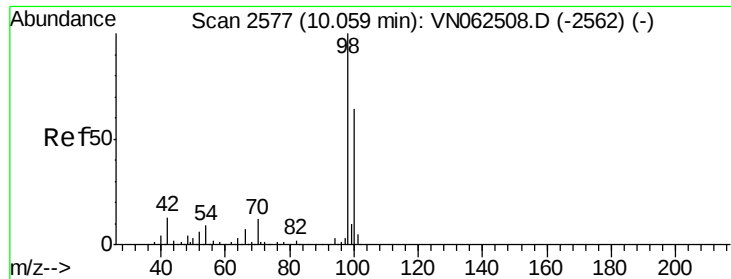
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	45.8	68.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





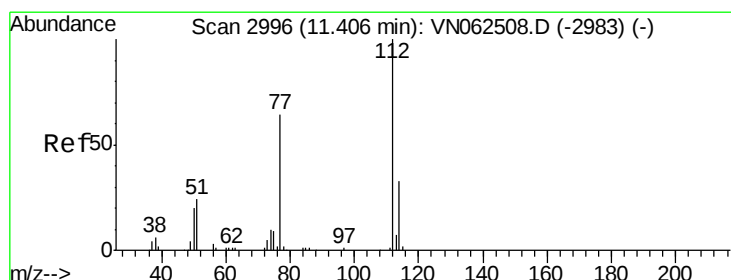
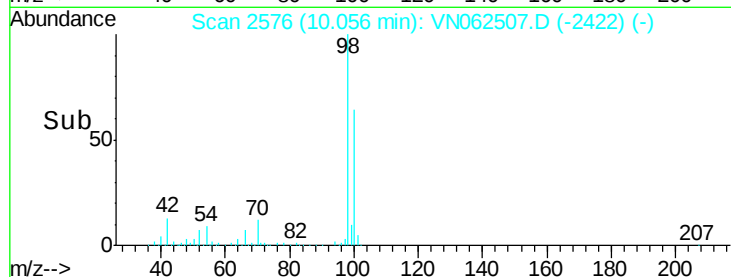
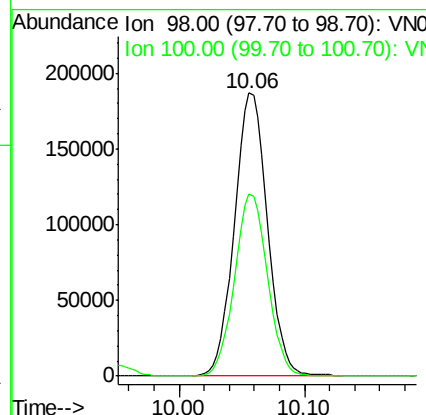
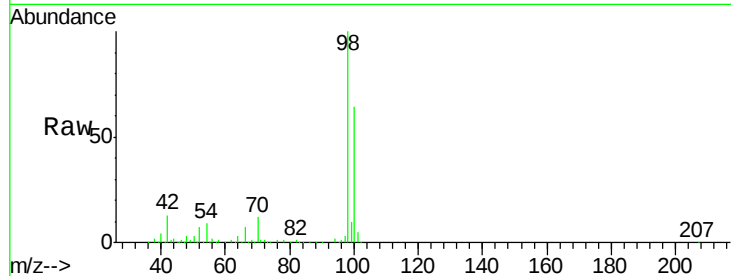
#63
Toluene-d8
Concen: 32.898 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 98 Resp: 341813
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

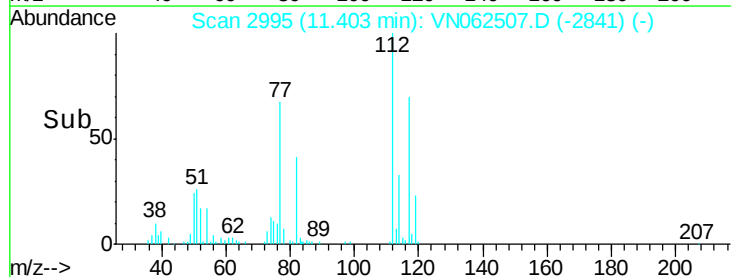
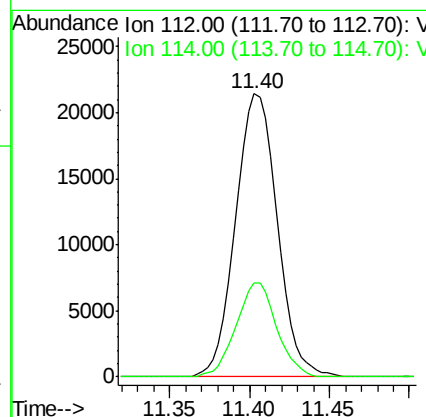
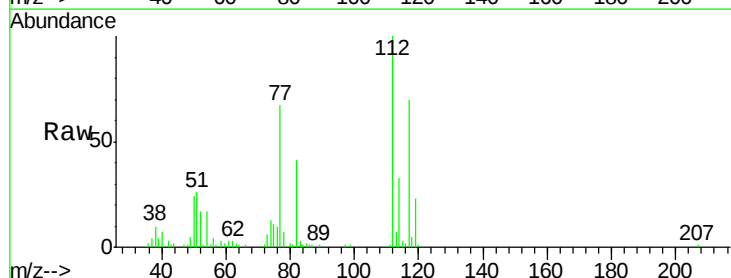
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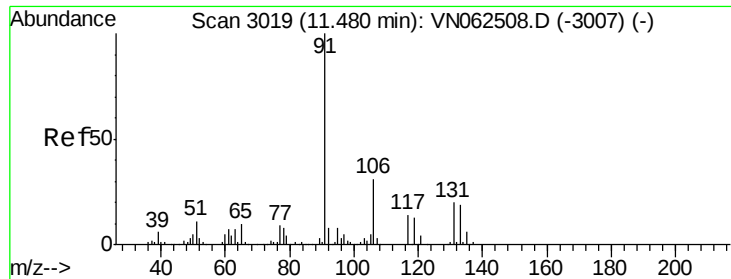
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#64
Chlorobenzene
Concen: 4.837 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion: 112 Resp: 38093
Ion Ratio Lower Upper
112 100
114 33.3 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 4.690 ug/l

RT: 11.48 min Scan# 3018

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

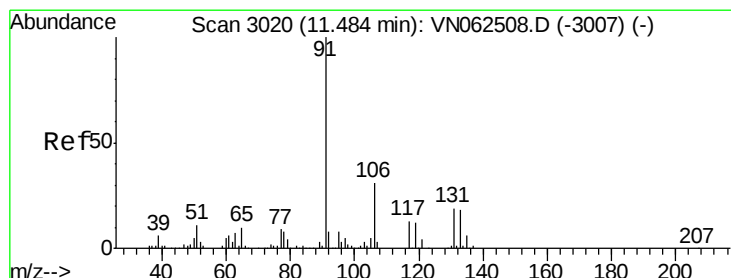
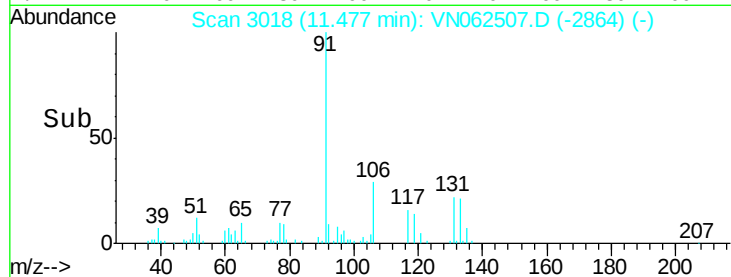
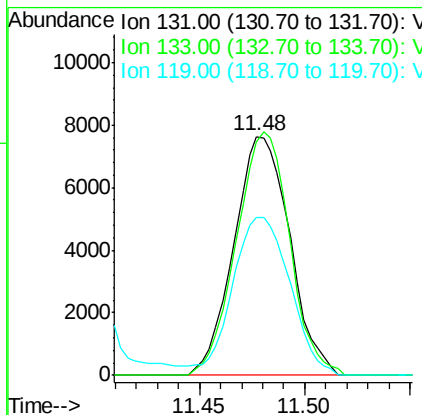
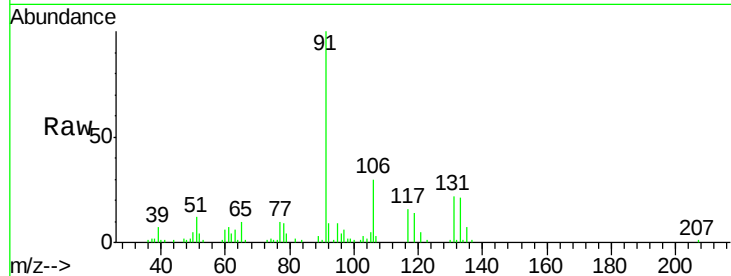
ClientSampleId :

VSTDIC005

Tot Ion:	131	Resp:	14063
Ion	Ratio	Lower	Upper
131	100		
133	96.9	0.0	191.4
119	67.7	0.0	136.2

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#66

Ethyl Benzene

Concen: 5.002 ug/l

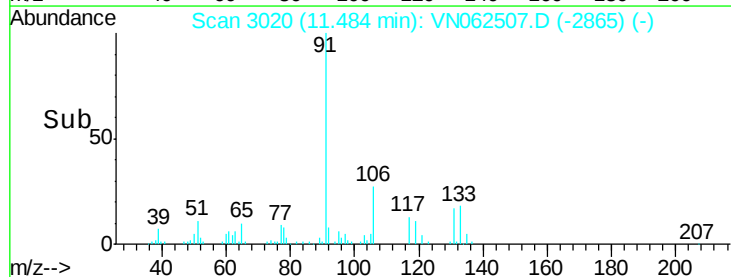
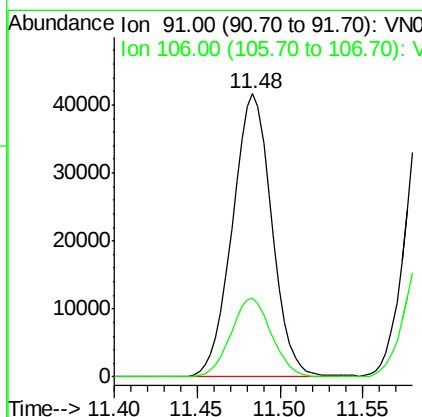
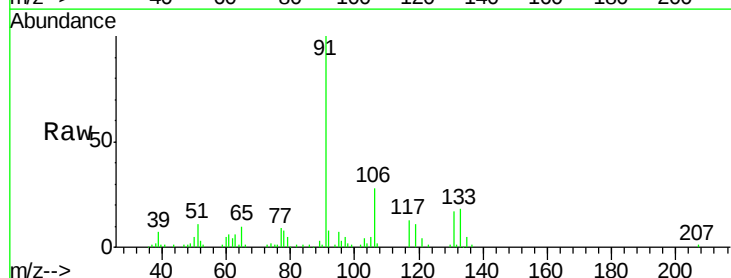
RT: 11.48 min Scan# 3020

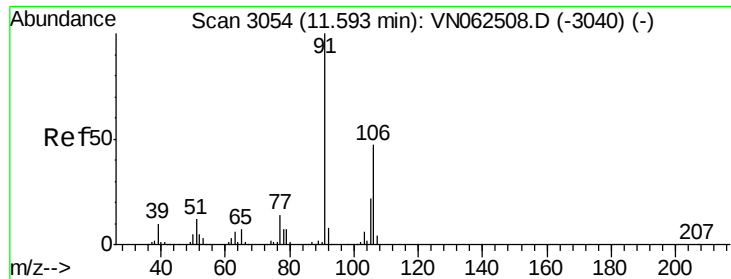
Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Tgt Ion:	91	Resp:	68712
Ion	Ratio	Lower	Upper
91	100		
106	27.9	24.6	36.8





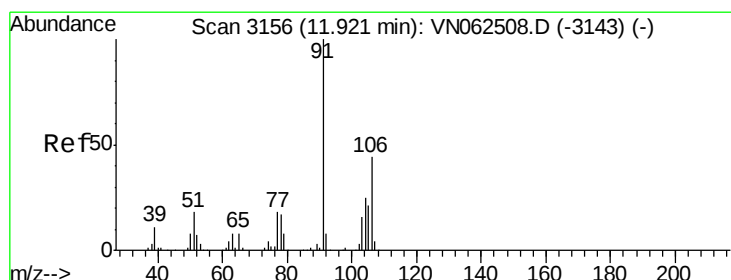
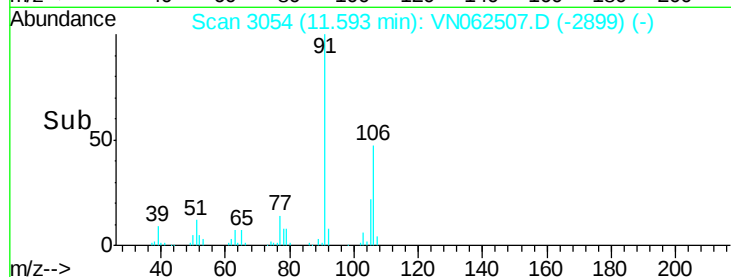
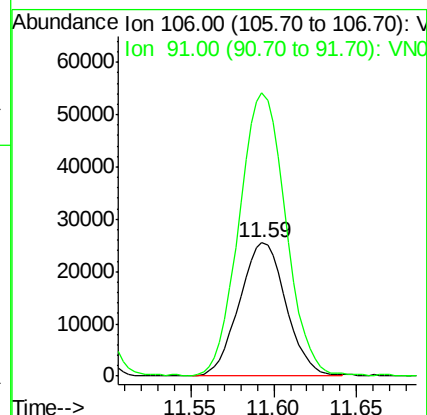
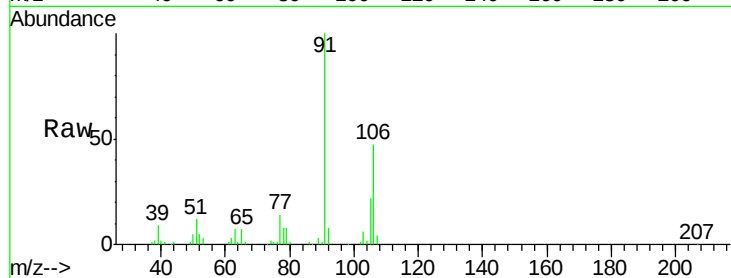
#67
m/p-Xylenes
Concen: 9.324 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 49851
Ion Ratio Lower Upper
106 100
91 212.8 170.7 256.1

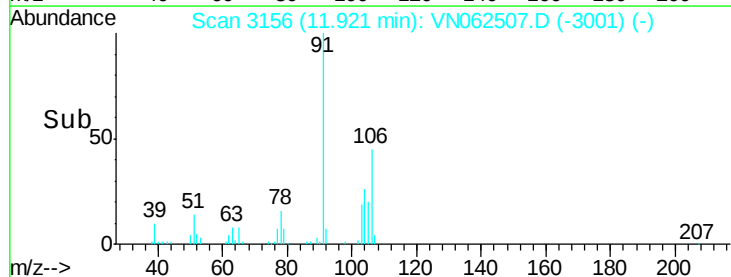
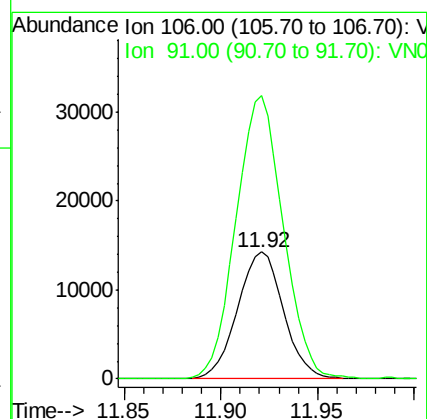
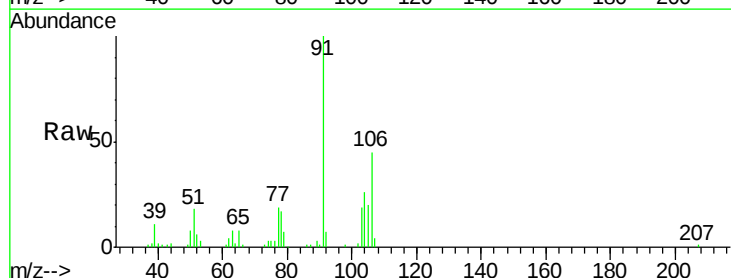
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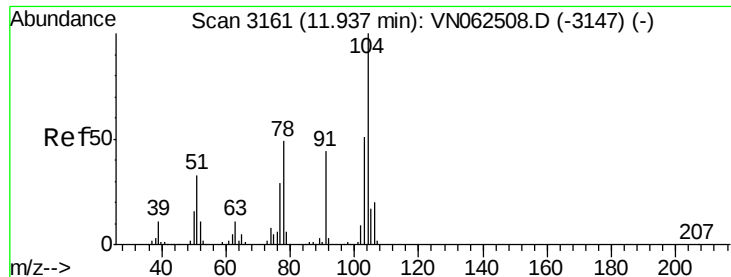
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#68
o-Xylene
Concen: 4.671 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion:106 Resp: 23669
Ion Ratio Lower Upper
106 100
91 228.4 113.9 341.6





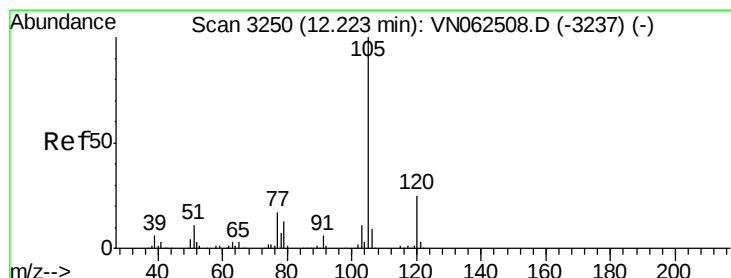
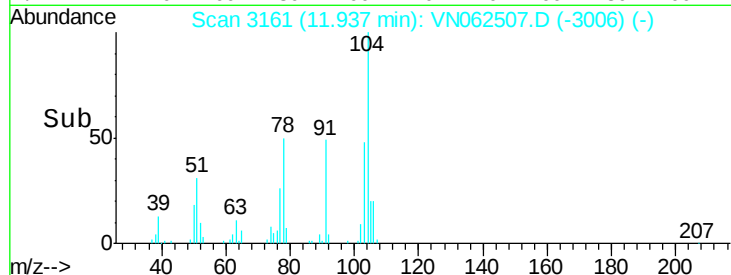
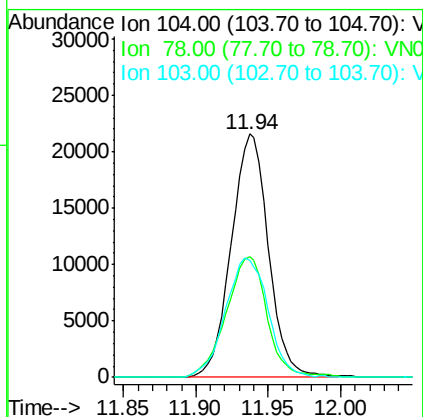
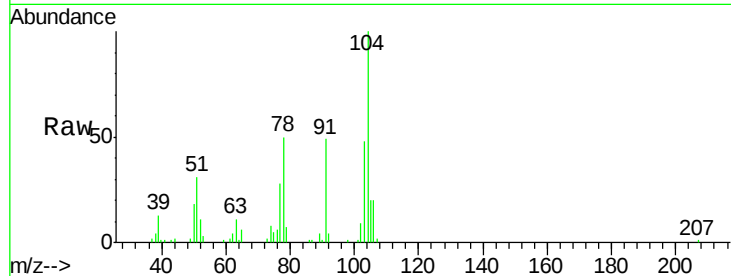
#69
Stvrene
Concen: 4.465 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.9	65.9
103	56.3	43.8	65.6

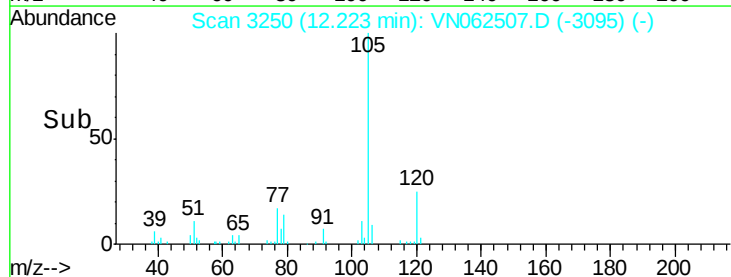
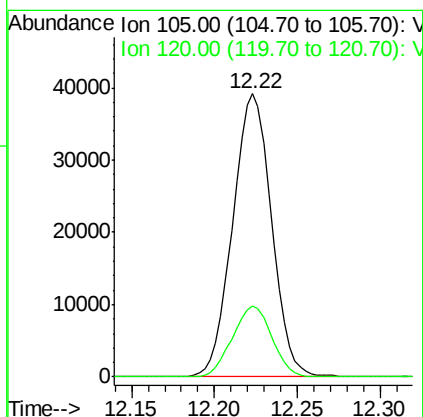
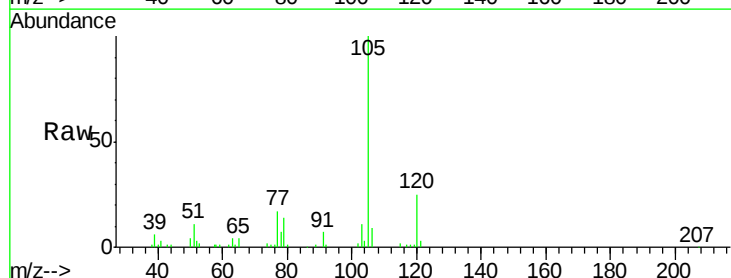
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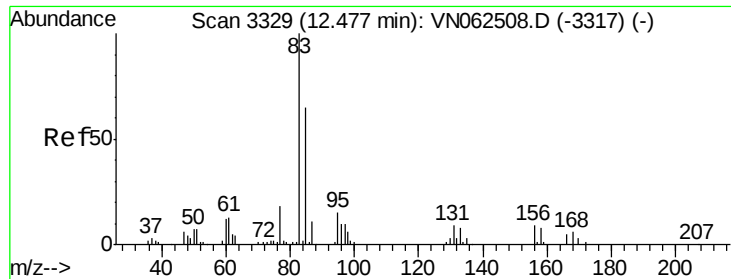
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#70
Isopropylbenzene
Concen: 4.747 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	17.6	32.8





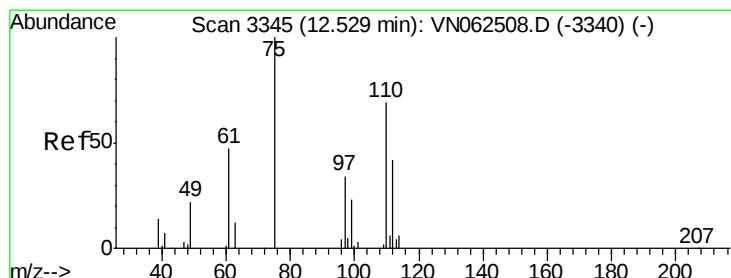
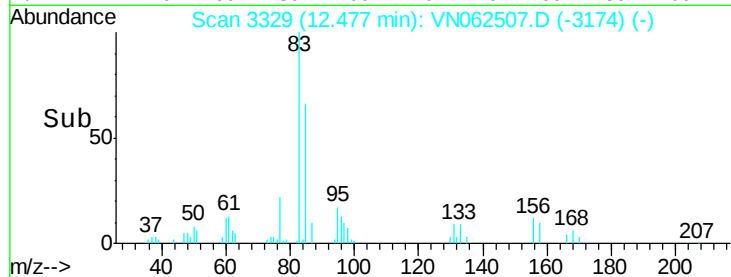
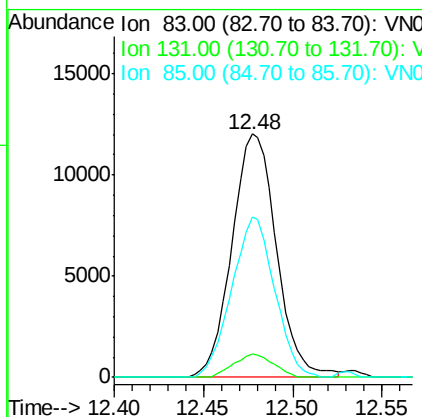
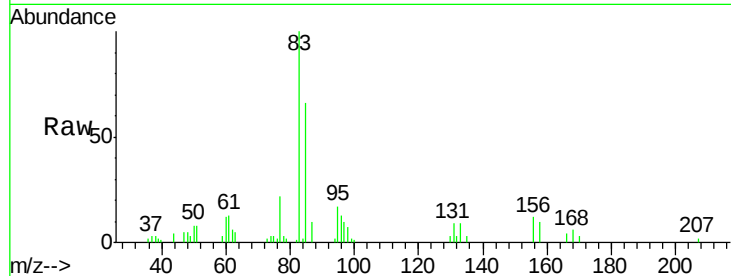
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.609 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
131	8.5	4.5	13.7
85	63.1	32.5	97.4

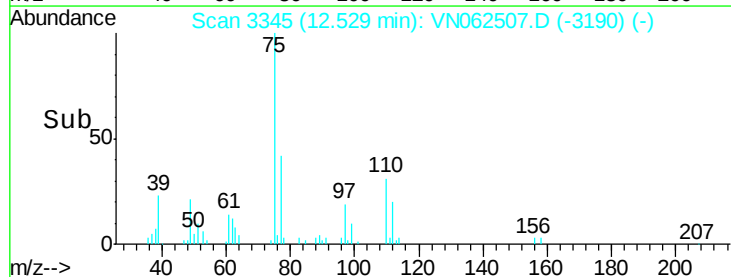
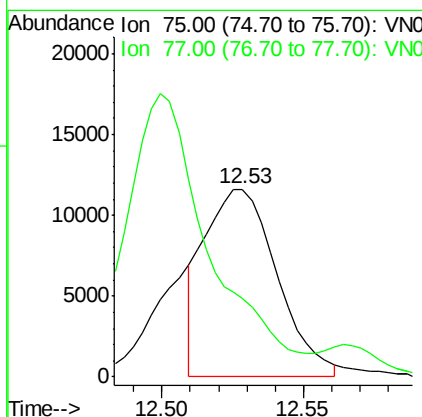
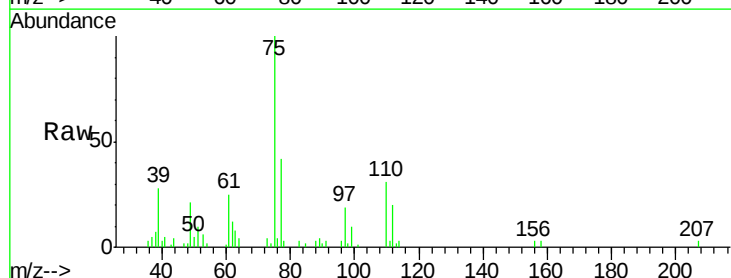
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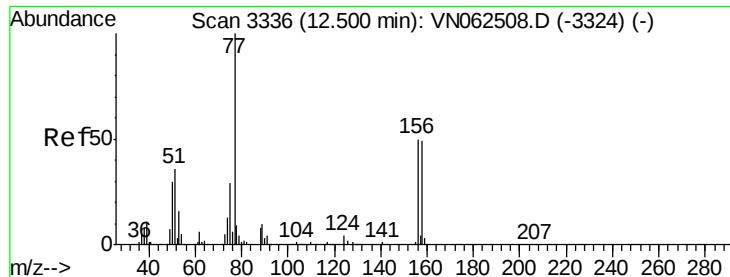
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#72
 1,2,3-Trichloropropane
 Concen: 5.916 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	175.5	0.0	376.2





#73

Bromobenzene

Concen: 4.316 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

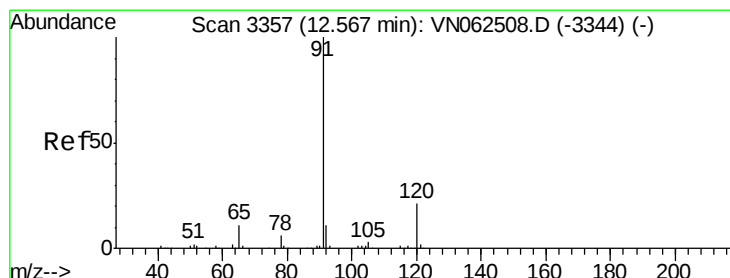
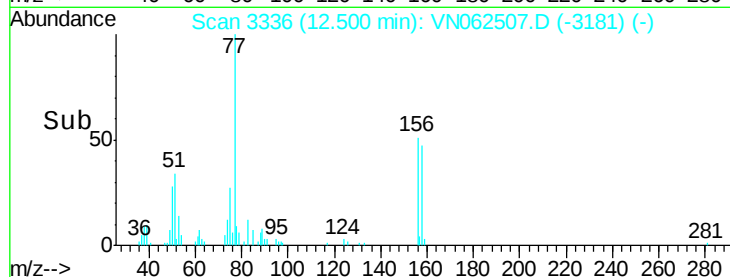
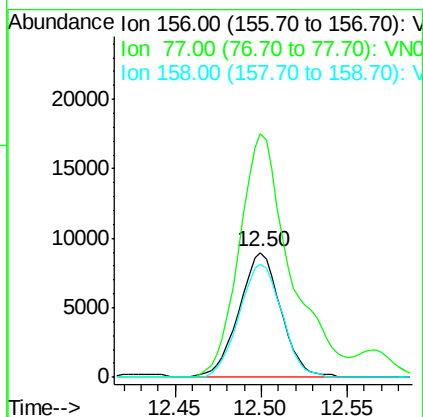
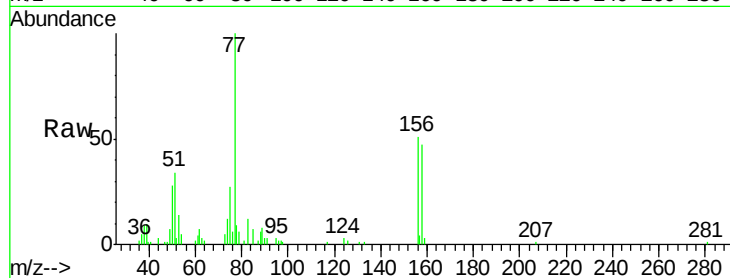
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	15238
Ion Ratio	Lower	Upper	
156	100		
77	238.0	0.0	485.0
158	91.6	0.0	192.6

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#74

n-propylbenzene

Concen: 4.836 ug/l

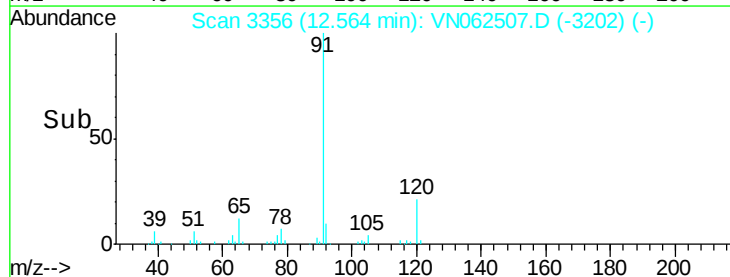
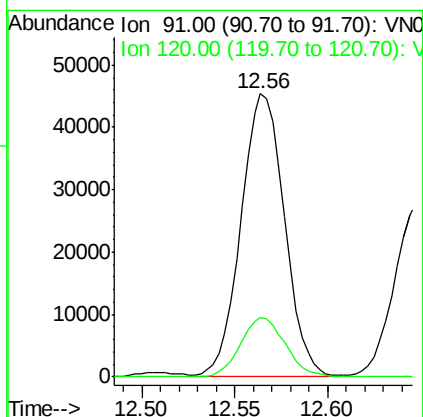
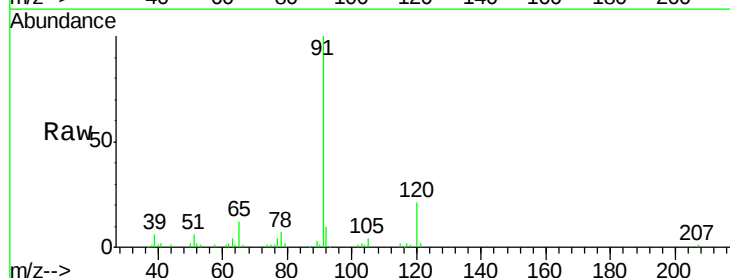
RT: 12.56 min Scan# 3356

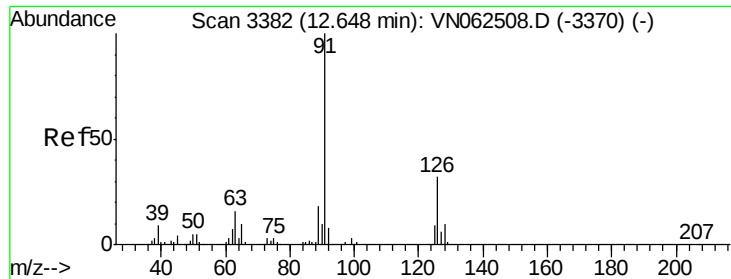
Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Tgt Ion:	91	Resp:	73927
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	42.8





#75

2-Chlorotoluene

Concen: 5.025 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 45735

Ion Ratio Lower Upper

91 100

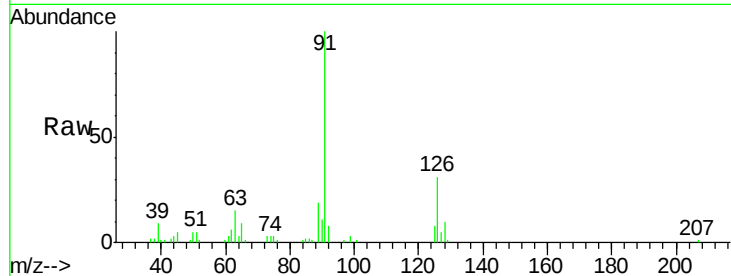
126 30.6 0.0 62.2

Manual Integrations

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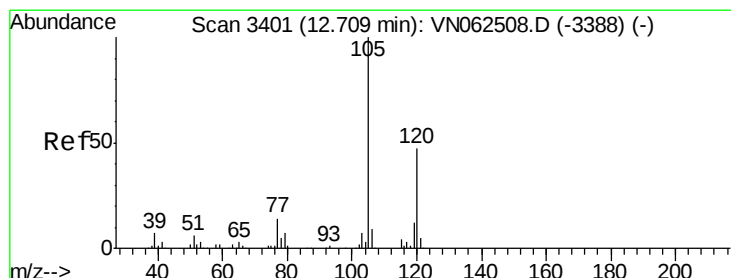
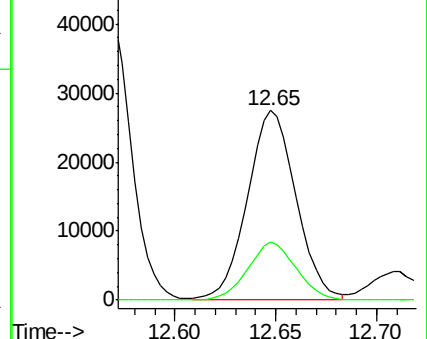
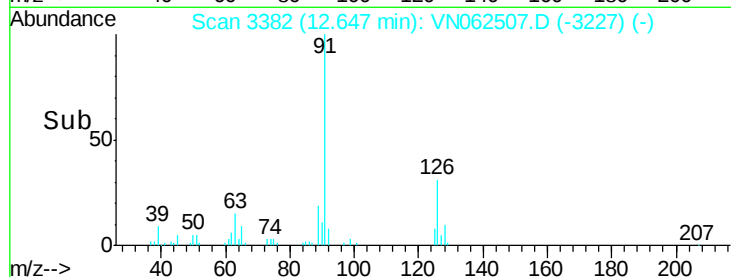
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Abundance Ion 91.00 (90.70 to 91.70): VN062507.D (-3227) (-)

Ion 126.00 (125.70 to 126.70): VN062507.D (-3227) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.803 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062507.D

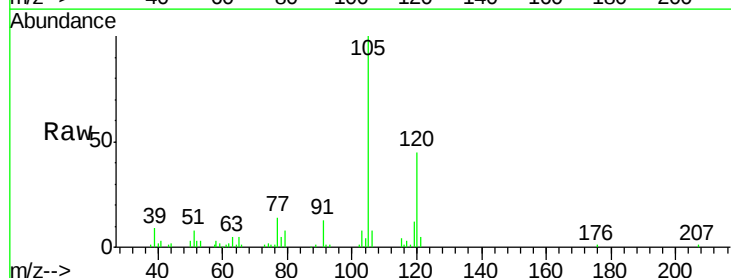
Acq: 13 Jul 2020 9:36

Tgt Ion: 105 Resp: 53864

Ion Ratio Lower Upper

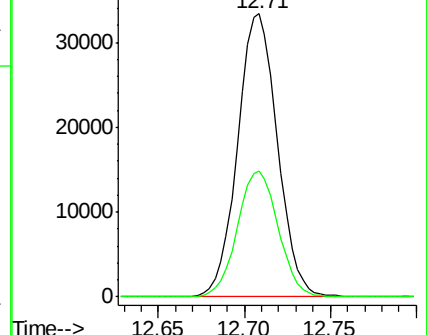
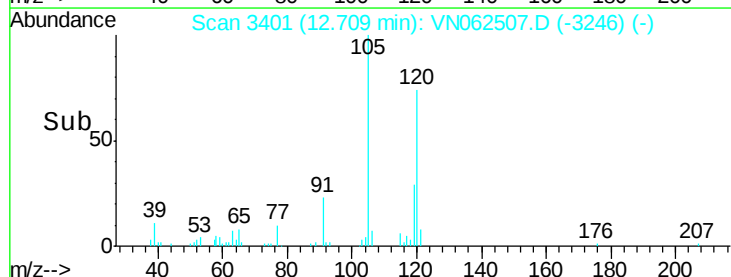
105 100

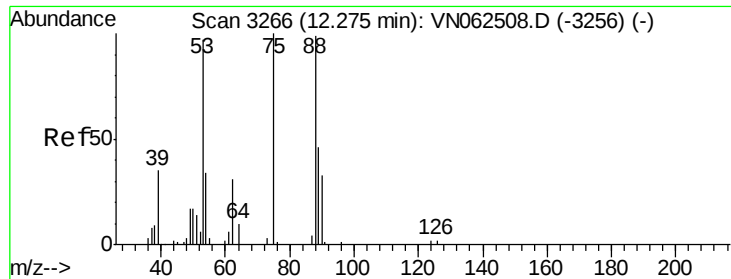
120 45.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062507.D (-3246) (-)

Ion 120.00 (119.70 to 120.70): VN062507.D (-3246) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 5.258 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Instrument :

MSVOA_N

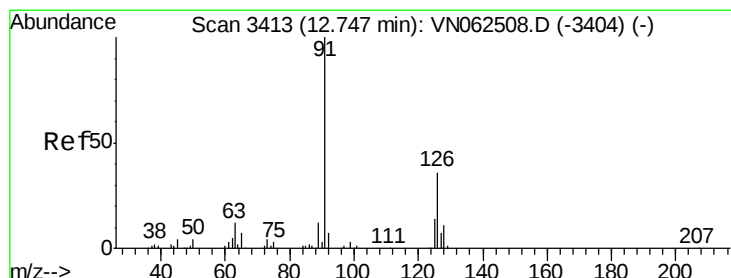
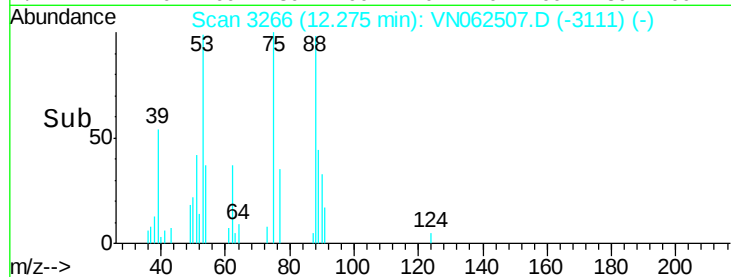
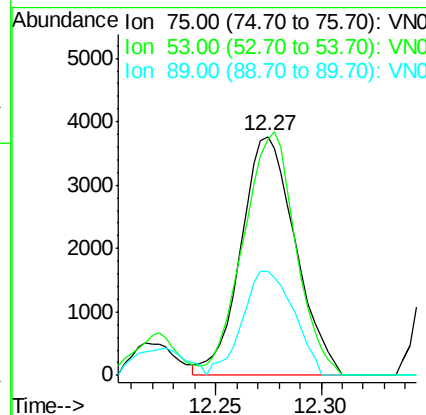
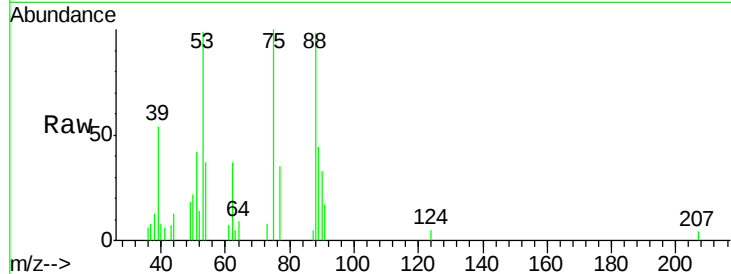
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	6769
Ion	Ratio	Lower	Upper
75	100		
53	98.9	48.3	144.8
89	43.7	23.3	69.8

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#78

4-Chlorotoluene

Concen: 4.709 ug/l

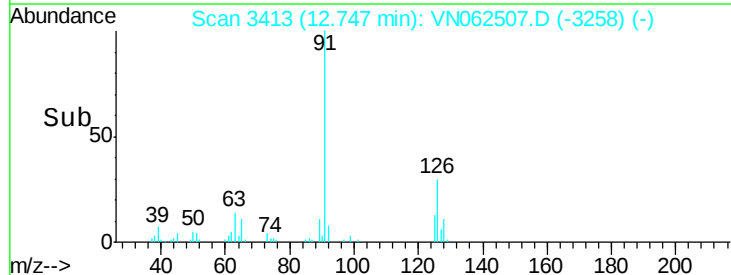
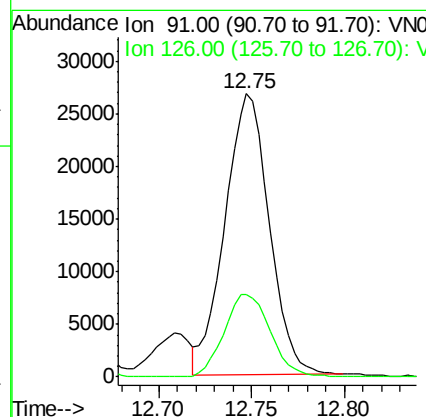
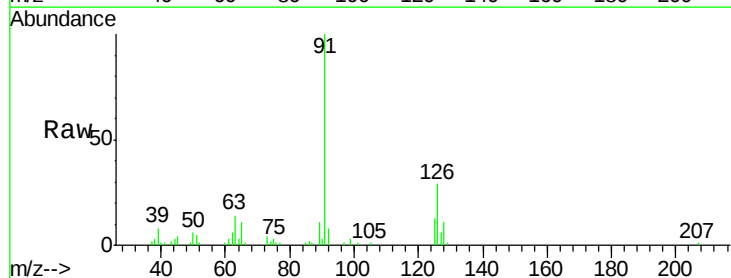
RT: 12.75 min Scan# 3413

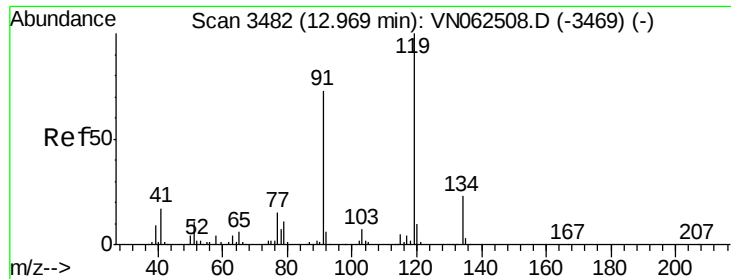
Delta R.T. -0.00 min

Lab File: VN062507.D

Acq: 13 Jul 2020 9:36

Tgt Ion:	91	Resp:	44364
Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	62.2





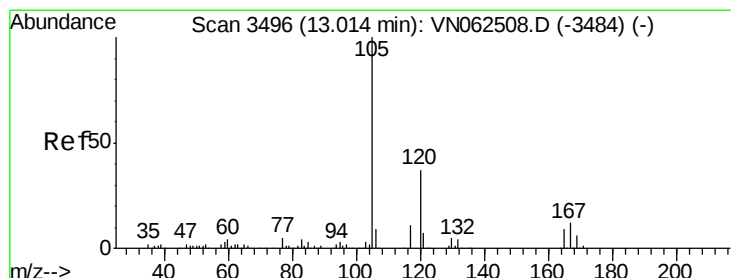
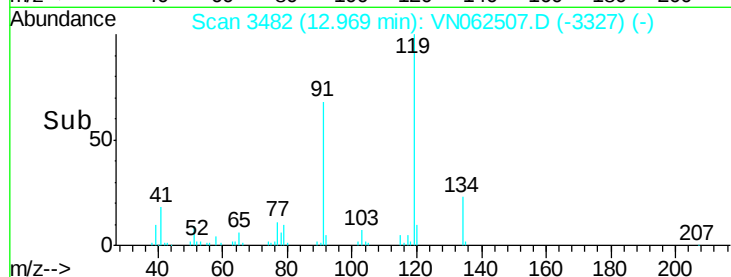
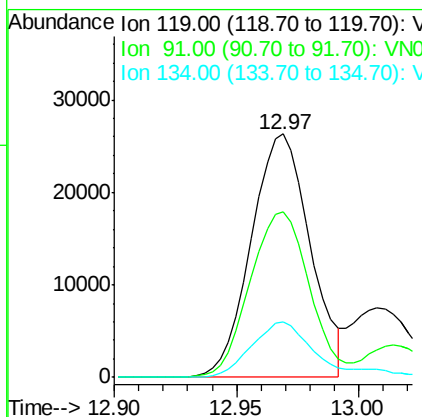
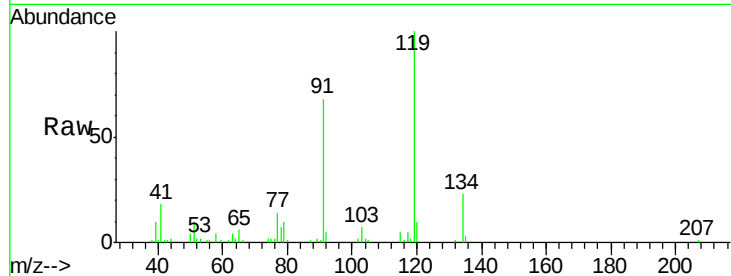
#79
tert-butylbenzene
Concen: 4.554 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	44062		
91	68.2	0.0	139.8	
134	22.8	0.0	45.0	

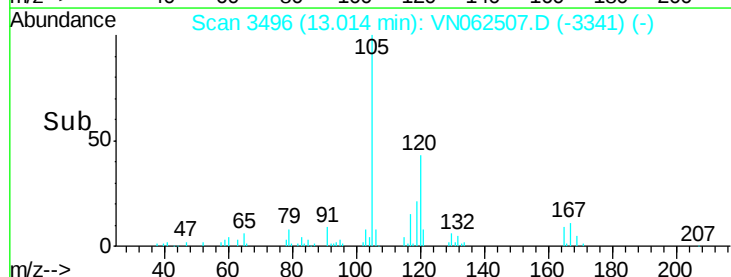
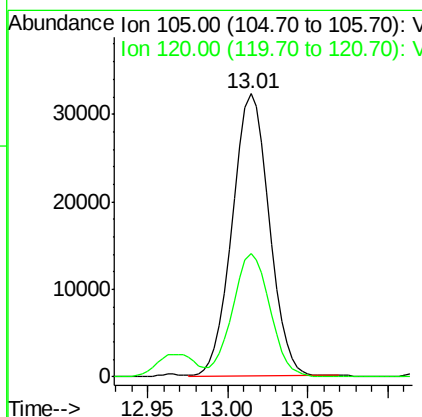
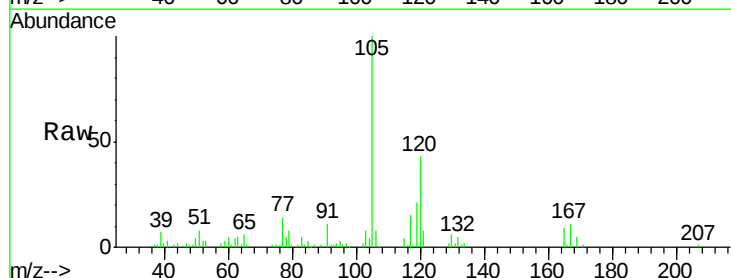
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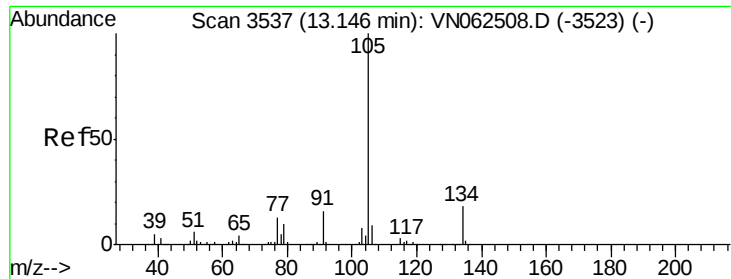
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#80
1,2,4-Trimethylbenzene
Concen: 4.510 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	50733		
120	44.5	0.0	86.6	





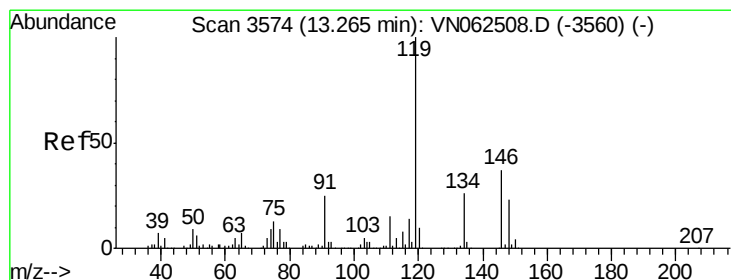
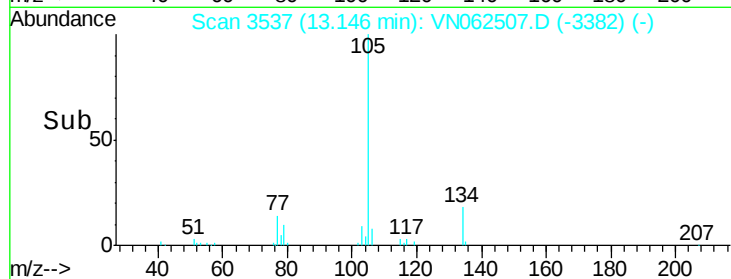
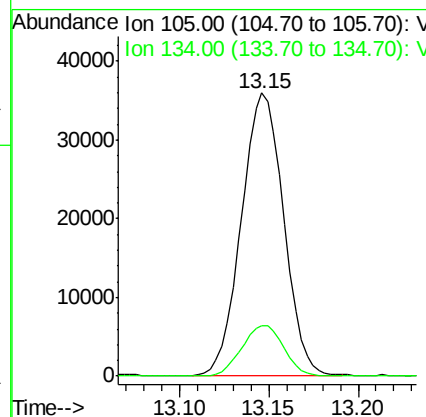
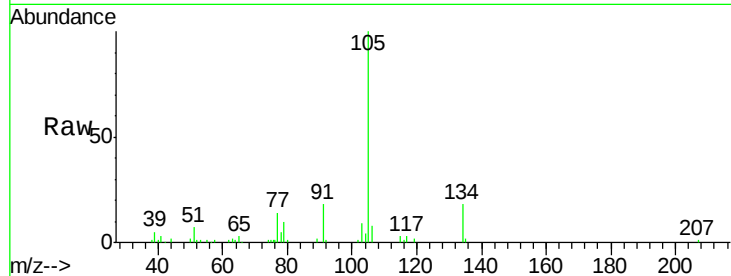
#81
 sec-Butylbenzene
 Concen: 4.758 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	17.7	0.0	37.2

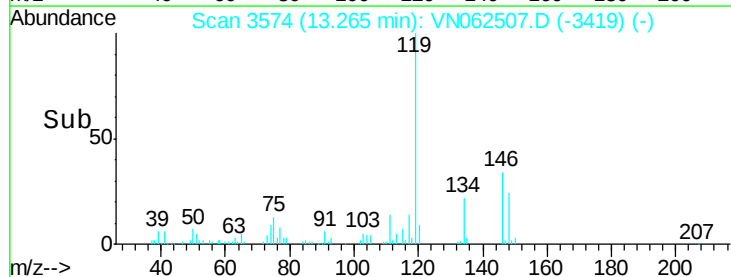
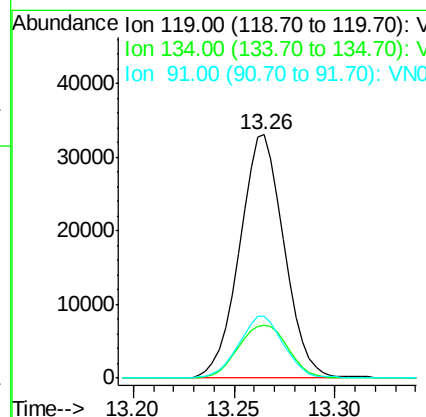
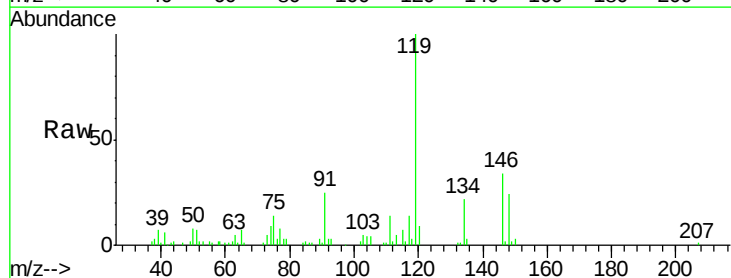
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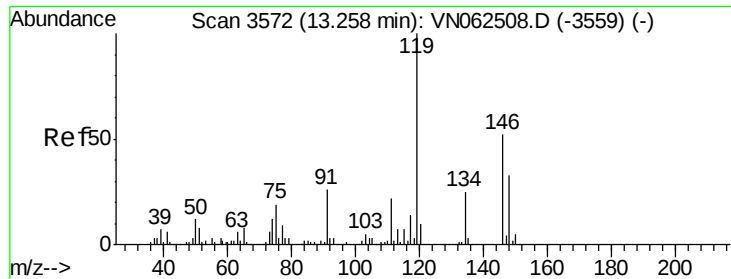
MMDadoda
 7/14/2020 11:36:38 AM



#82
 p-Isopropyltoluene
 Concen: 4.429 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.4	0.0	50.8
91	25.7	0.0	51.2





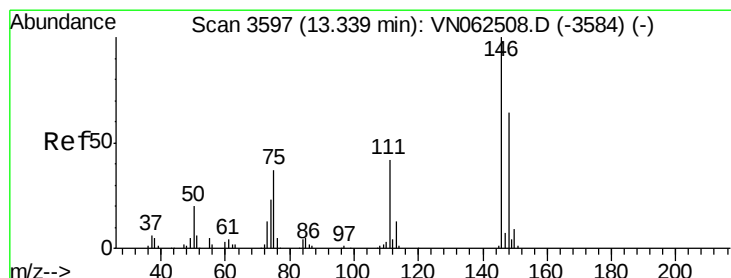
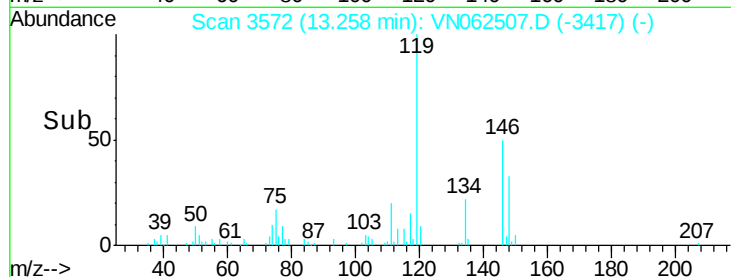
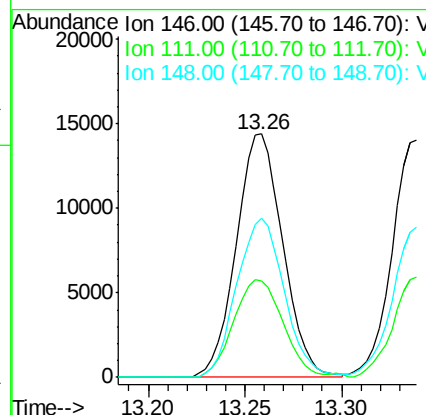
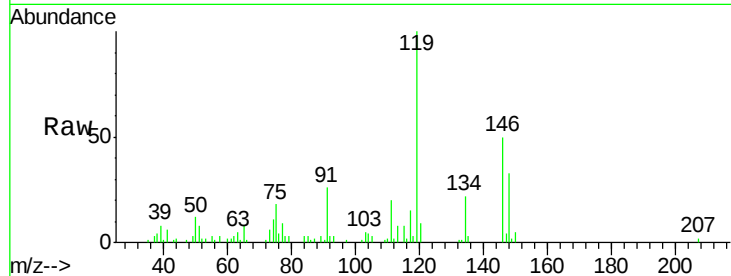
#83
1,3-Dichlorobenzene
Concen: 3.852 ug/l
RT: 13.26 min Scan# 3572
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.0	63.0
148	66.8	31.7	95.1

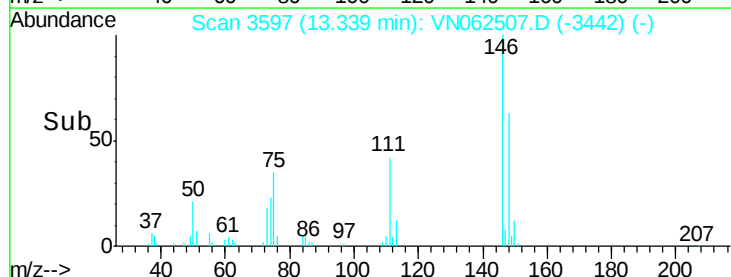
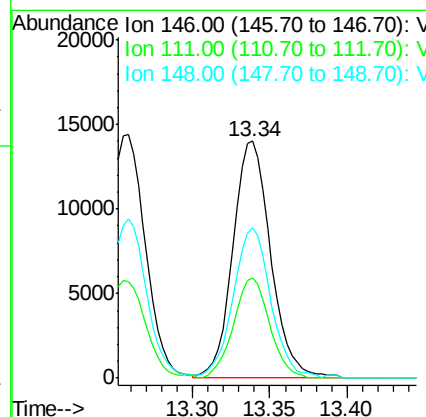
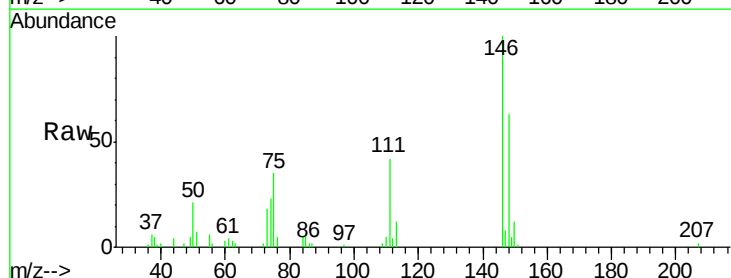
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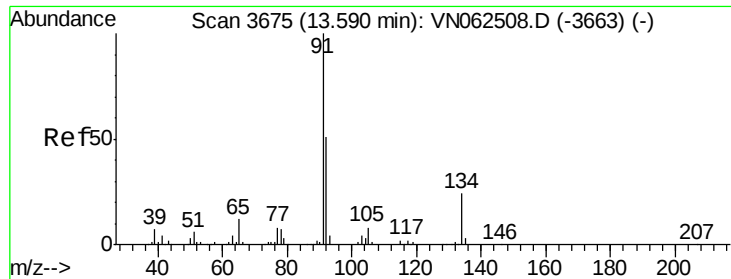
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7/14/2020 11:36:38 AM



#84
1,4-Dichlorobenzene
Concen: 3.882 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.4	64.2
148	63.1	32.4	97.2





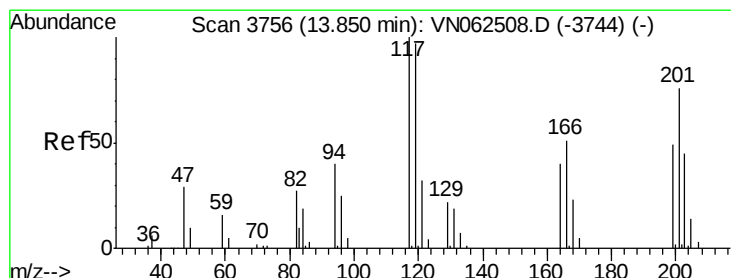
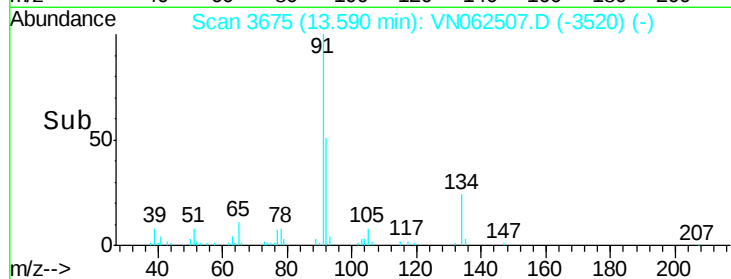
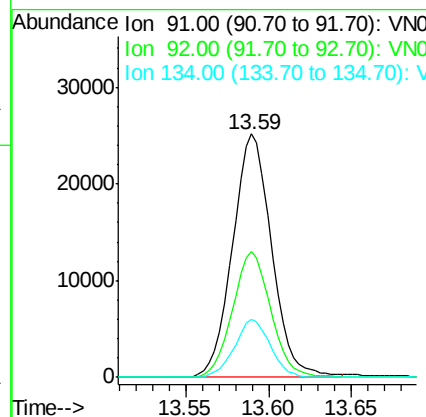
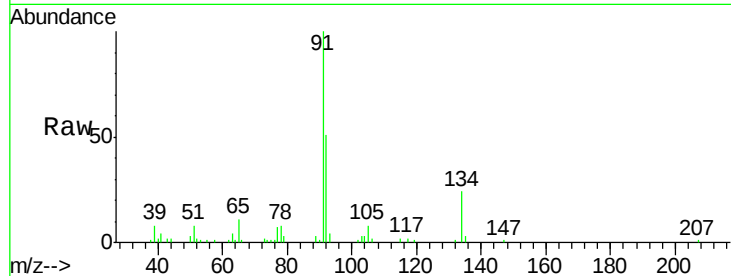
#85
n-Butylbenzene
Concen: 4.357 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	0.0	102.4
134	21.5	0.0	46.6

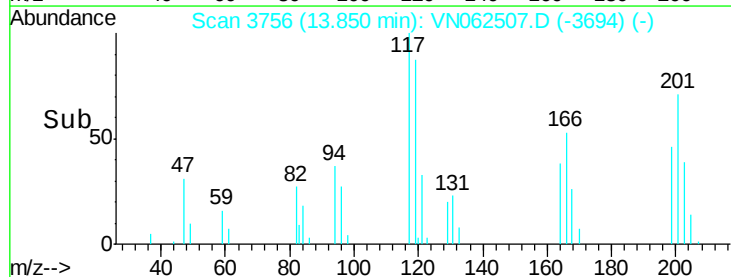
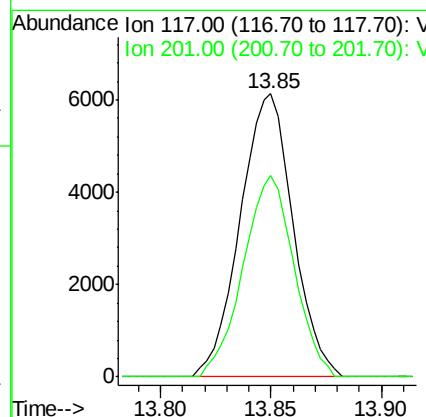
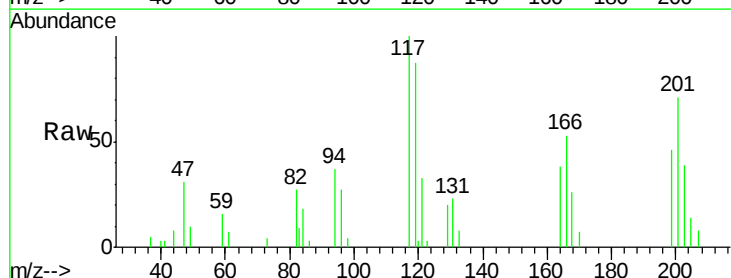
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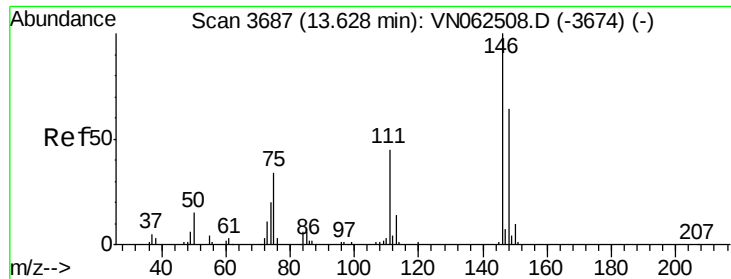
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#86
Hexachloroethane
Concen: 5.957 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.1	37.4	112.2





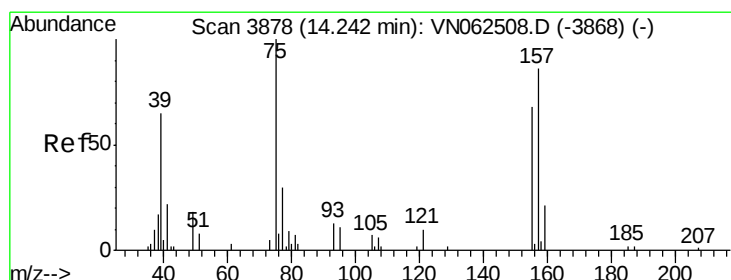
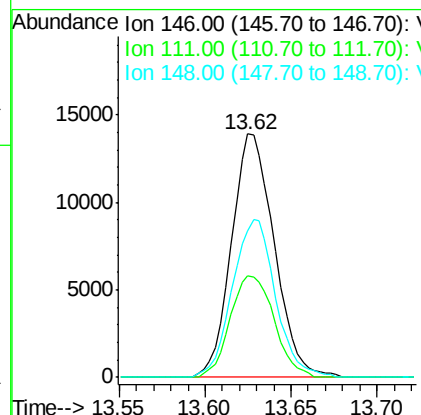
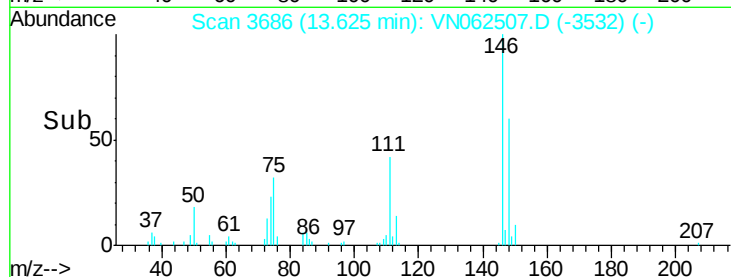
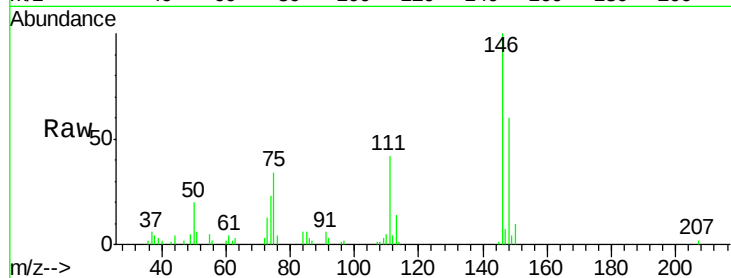
#87
 1,2-Dichlorobenzene
 Concen: 4.046 ug/l
 RT: 13.62 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.4	67.0
148	65.3	32.1	96.3

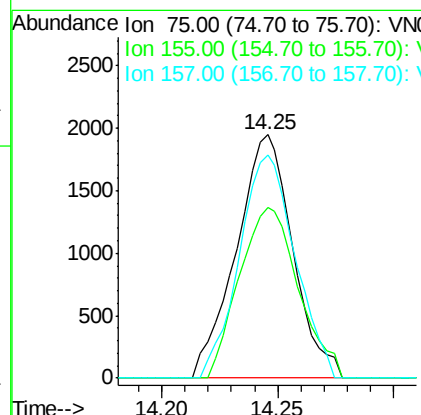
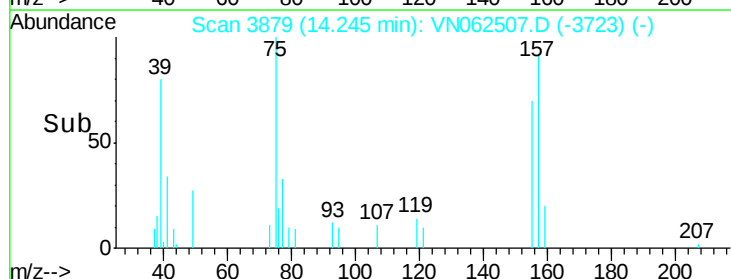
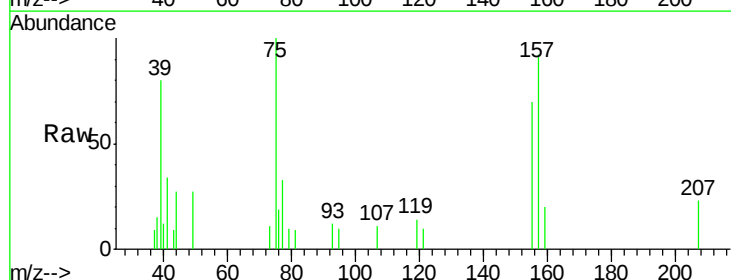
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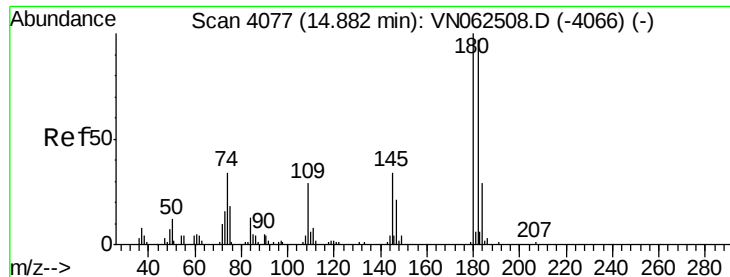
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.714 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.2	55.7	83.5
157	90.3	71.0	106.6





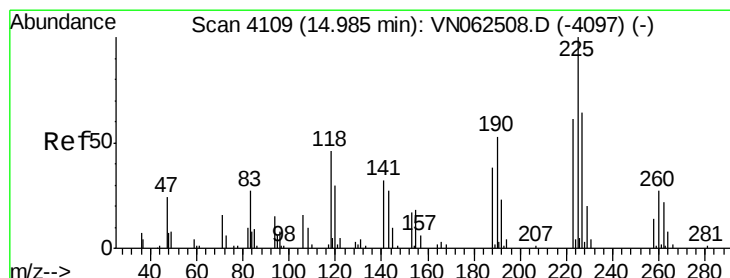
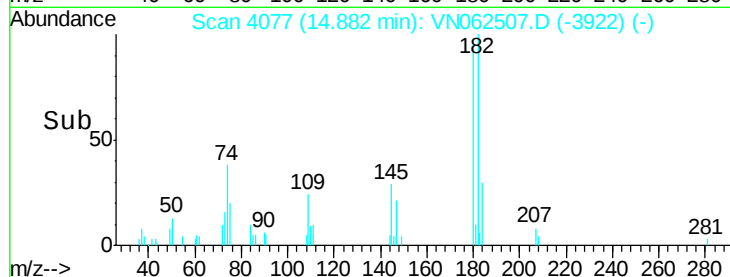
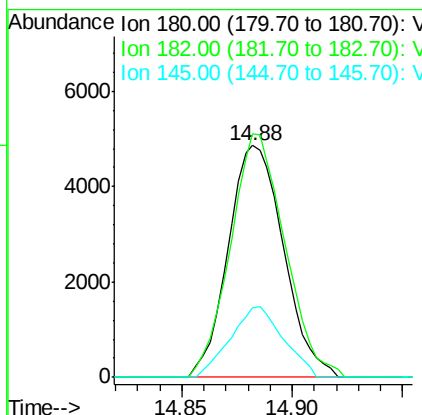
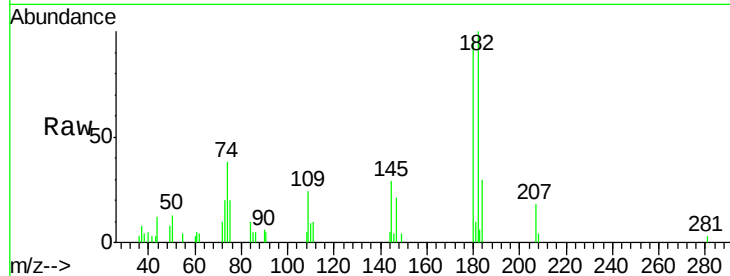
#89
 1,2,4-Trichlorobenzene
 Concen: 2.499 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.6	77.5	116.3
145	29.3	26.1	39.1

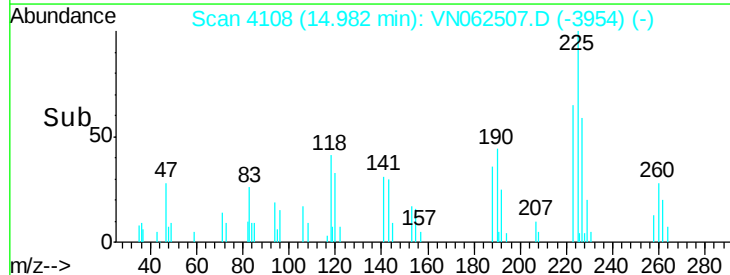
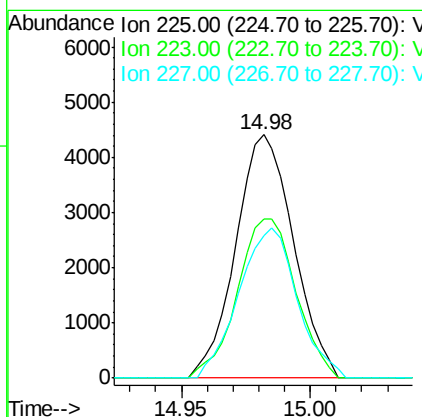
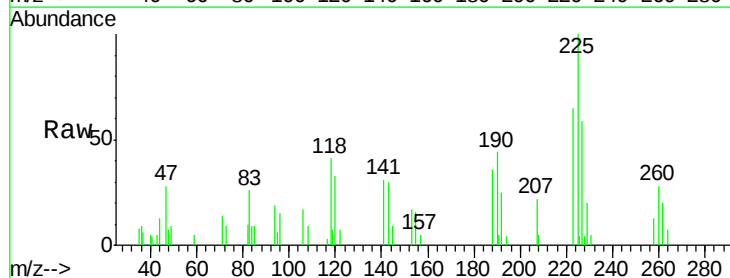
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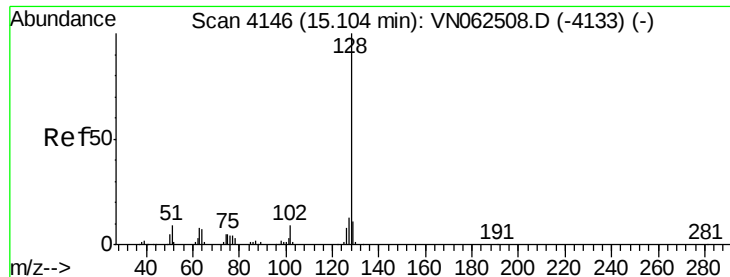
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#90
 Hexachlorobutadiene
 Concen: 4.502 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062507.D
 Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	0.0	120.4
227	62.2	0.0	129.6





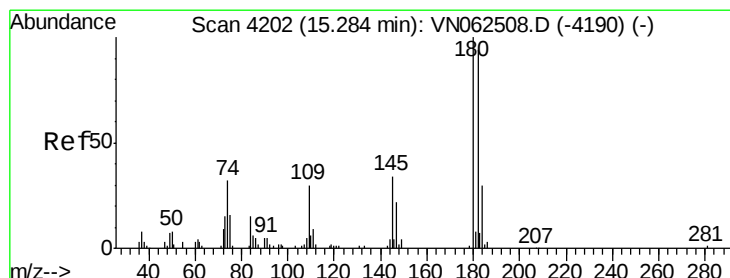
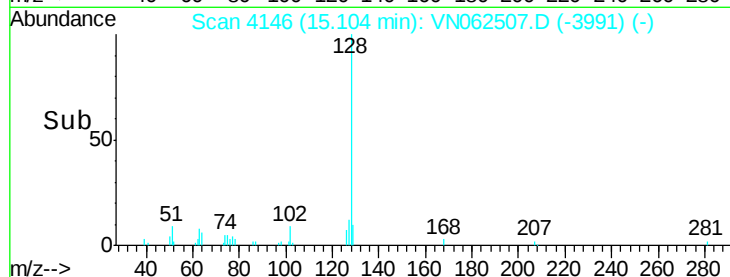
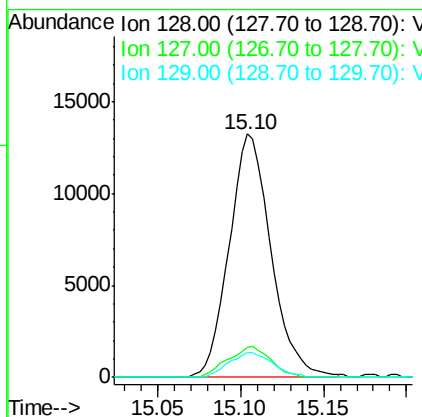
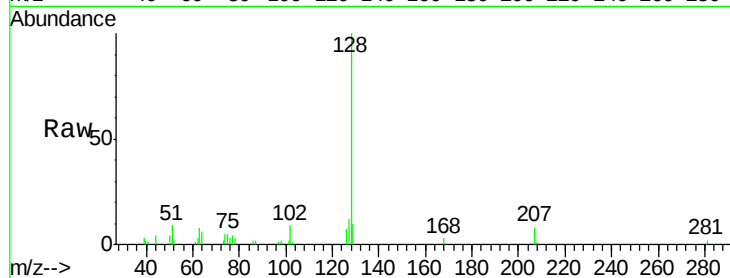
#91
Naphthalene
Concen: 2.470 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.7	8.8	13.2

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 2.779 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062507.D
Acq: 13 Jul 2020 9:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	0.0	187.2
145	32.1	0.0	67.8

