

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063605.D
 Acq On : 23 Sep 2020 21:42
 Operator : JC/MD
 Sample : L4082-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:16 PM

Quant Time: Sep 24 04:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	402961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	205062	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.55	113	144296	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.06	98	542405	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	206385	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	121908	44.097	ug/l	100
3) Chloromethane	2.04	50	151711	41.483	ug/l	100
4) Vinyl Chloride	2.16	62	147352	45.477	ug/l	97
5) Bromomethane	2.53	94	95714	49.752	ug/l	99
6) Chloroethane	2.67	64	95927	48.230	ug/l	93
7) Trichlorofluoromethane	2.98	101	239594	49.561	ug/l	99
8) Diethyl Ether	3.38	74	87771	46.574	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135913	49.992	ug/l	99
10) Methyl Iodide	3.91	142	163509	46.194	ug/l	99
11) Tert butyl alcohol	4.73	59	124791	216.856	ug/l	99
12) 1,1-Dichloroethene	3.70	96	126816	46.053	ug/l	96
13) Acrolein	3.57	56	65058	305.071	ug/l	96
14) Allyl chloride	4.28	41	238201	43.731	ug/l	96
15) Acrylonitrile	4.93	53	349811	238.980	ug/l	98
16) Acetone	3.78	43	326945	244.907	ug/l	100
17) Carbon Disulfide	4.01	76	337283	42.108	ug/l	99
18) Methyl Acetate	4.28	43	153393	45.262	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	476784	46.455	ug/l	99
20) Methylene Chloride	4.51	84	150531	44.505	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	138851	45.511	ug/l	94
22) Diisopropyl ether	5.90	45	501727	45.165	ug/l	99
23) Vinyl Acetate	5.84	43	1930268	211.573	ug/l	99
24) 1,1-Dichloroethane	5.80	63	281322	46.385	ug/l	98
25) 2-Butanone	6.78	43	481694	234.610	ug/l	98
26) 2,2-Dichloropropane	6.78	77	195416	36.596	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	178864	51.796	ug/l	96
28) Bromochloromethane	7.15	49	137914	49.249	ug/l	99
29) Tetrahydrofuran	7.16	42	322591	230.050	ug/l	99
30) Chloroform	7.33	83	301557	49.558	ug/l	99
31) Cyclohexane	7.61	56	226372	39.459	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	264742	48.917	ug/l	99
36) 1,1-Dichloropropene	7.76	75	209030	45.195	ug/l	99
37) Ethyl Acetate	6.88	43	188878	41.610	ug/l	99
38) Carbon Tetrachloride	7.74	117	222438	47.114	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	200977	40.038	ug/l	99
40) Benzene	8.00	78	607940	46.046	ug/l	97
41) Methacrylonitrile	7.14	41	97188m	47.604	ug/l	
42) 1,2-Dichloroethane	8.09	62	253545	47.753	ug/l	100
43) Isopropyl Acetate	8.13	43	343138	42.276	ug/l #	89
44) Trichloroethene	8.80	130	815882	254.781	ug/l	100
45) 1,2-Dichloropropane	9.08	63	166097	46.191	ug/l	99
46) Dibromomethane	9.18	93	113813	48.156	ug/l	100
47) Bromodichloromethane	9.37	83	236113	48.089	ug/l	100
48) Methyl methacrylate	9.17	41	183931	46.123	ug/l	98
49) 1,4-Dioxane	9.17	88	51463	899.274	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1083032	238.342	ug/l	99
52) Toluene	10.13	92	378380	47.667	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	245483	44.785	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	254061	43.942	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	155624	49.357	ug/l	96
56) Ethyl methacrylate	10.40	69	229104	46.545	ug/l	98
57) 1,3-Dichloropropane	10.68	76	260983	45.900	ug/l	99
59) 2-Hexanone	10.72	43	793758	241.116	ug/l	100
60) Dibromochloromethane	10.87	129	171007	48.008	ug/l	99
61) 1,2-Dibromoethane	10.98	107	157513	48.085	ug/l	98
64) Tetrachloroethene	10.60	164	175478	63.953	ug/l	99
65) Chlorobenzene	11.41	112	399440	46.698	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	154077	49.140	ug/l	98
67) Ethyl Benzene	11.49	91	752008	46.685	ug/l	98
68) m/p-Xylenes	11.59	106	546975	94.179	ug/l	99
69) o-Xylene	11.92	106	265398	47.970	ug/l	98
70) Styrene	11.94	104	456475	49.199	ug/l	99
71) Bromoform	12.10	173	113425	48.558	ug/l #	99
73) Isopropylbenzene	12.23	105	710195	45.184	ug/l	100
74) N-amyl acetate	12.04	43	298981	40.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221170	45.445	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	210454m	43.349	ug/l	
77) Bromobenzene	12.50	156	167408	47.349	ug/l	98
78) n-propylbenzene	12.57	91	828514	45.257	ug/l	99
79) 2-Chlorotoluene	12.65	91	507521	46.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	605810	46.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	70875	40.024	ug/l	97
82) 4-Chlorotoluene	12.75	91	533392	46.002	ug/l	100
83) tert-Butylbenzene	12.97	119	483669	44.712	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	609675	46.052	ug/l	100
85) sec-Butylbenzene	13.15	105	640124	44.208	ug/l	100
86) p-Isopropyltoluene	13.26	119	573758	44.925	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	306489	46.769	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	307142	46.099	ug/l	99
89) n-Butylbenzene	13.59	91	497551	42.265	ug/l	99
90) Hexachloroethane	13.85	117	103974	42.754	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	306443	47.630	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50810	43.843	ug/l	100
93) 1,2,4-Trichlorobenzene	14.88	180	162681	42.890	ug/l	99

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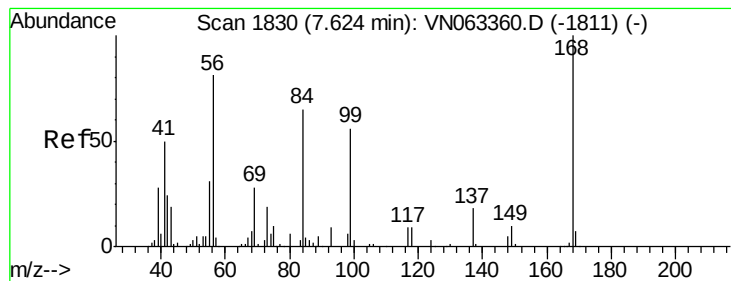
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	73653	46.906	ug/l	99
95) Naphthalene	15.11	128	536820	42.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	157078	42.861	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion:168 Resp: 244019

Ion Ratio Lower Upper

168 100

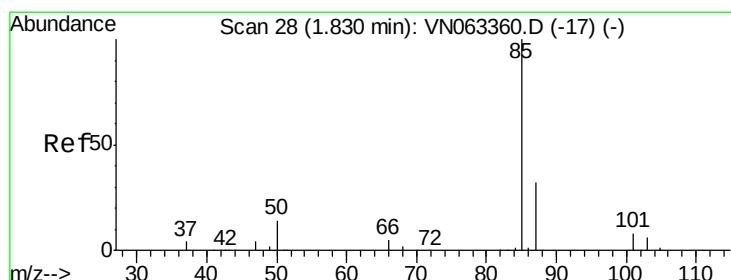
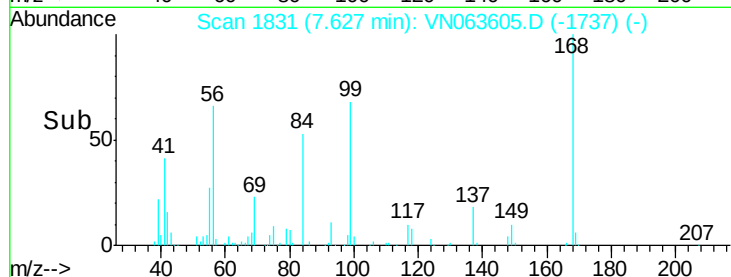
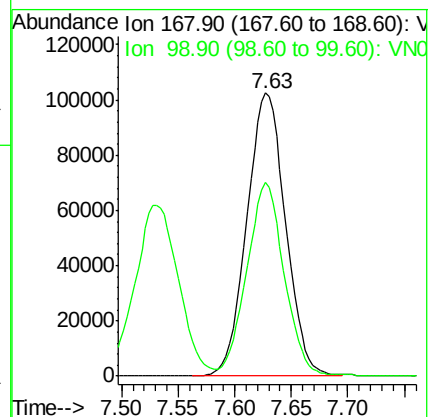
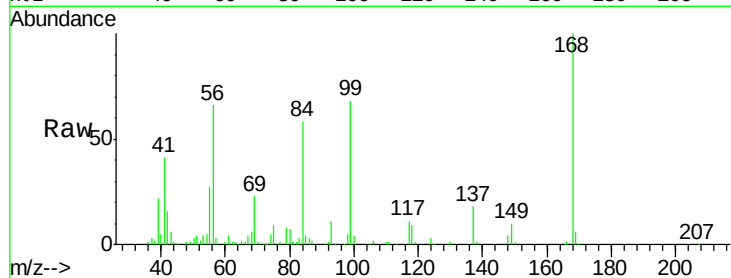
99 67.9 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.097 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063605.D

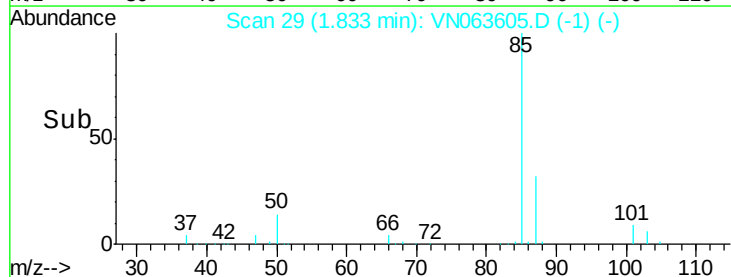
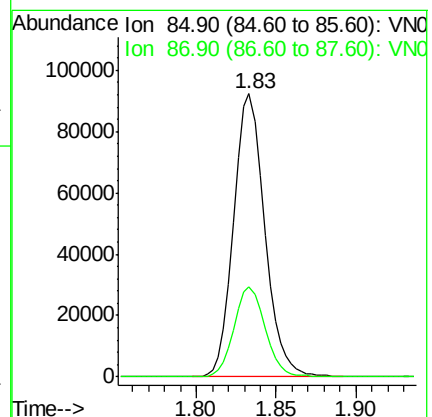
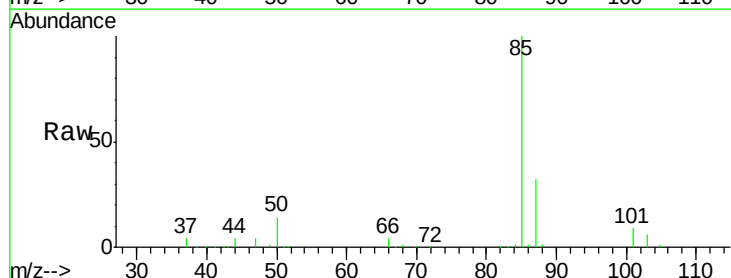
Acq: 23 Sep 2020 21:42

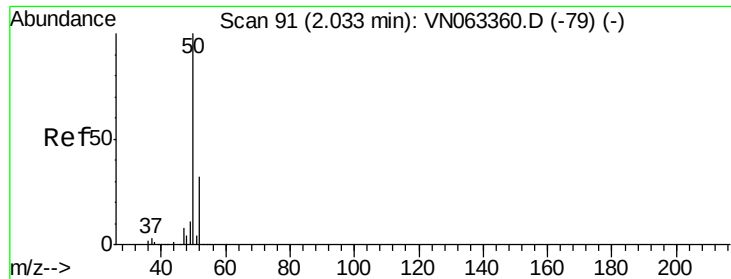
Tgt Ion: 85 Resp: 121908

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.6





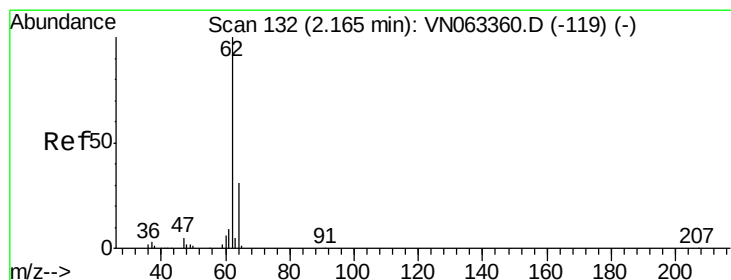
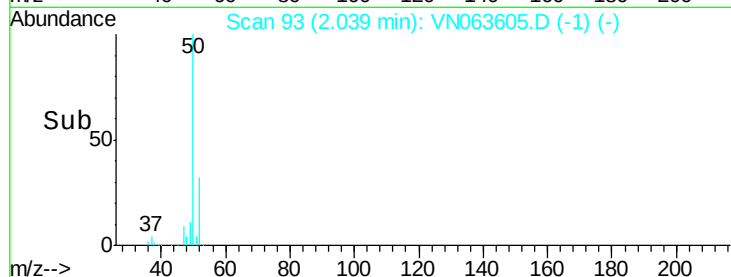
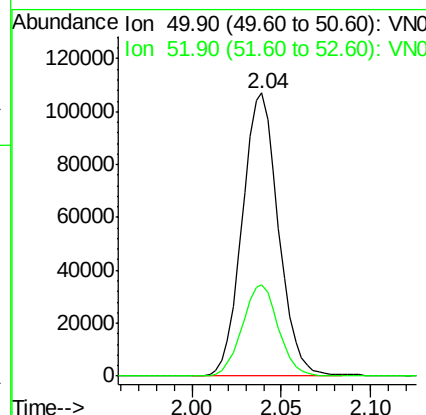
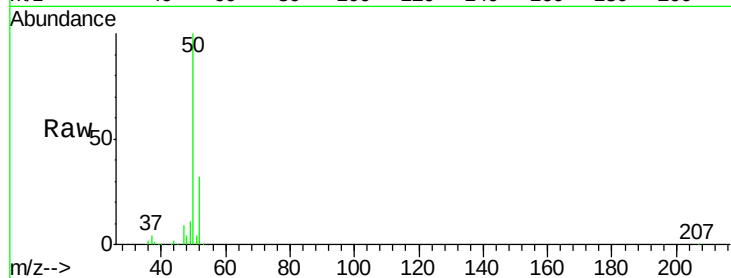
#3
Chloromethane
Concen: 41.483 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	50	Resp	151711
Ion Ratio	100	Lower	Upper
50	100		
52	32.3	25.9	38.9

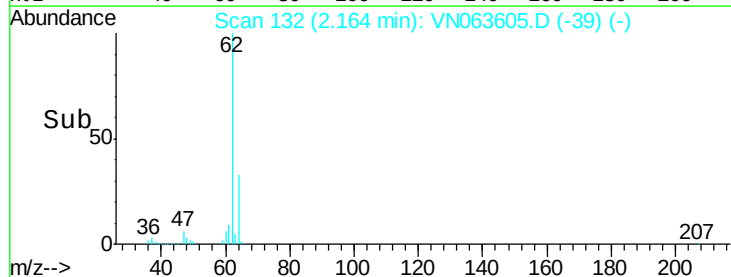
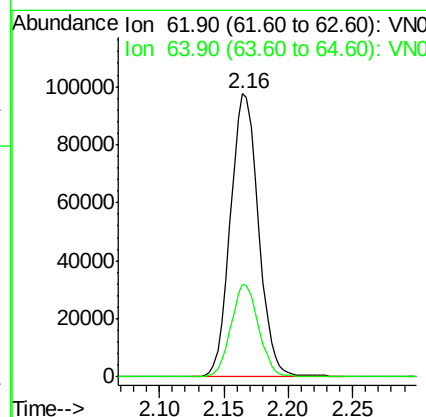
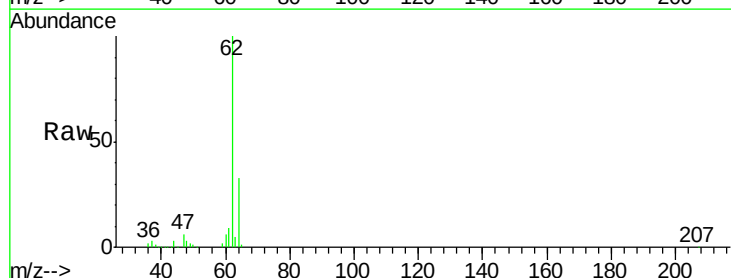
Manual Integrations
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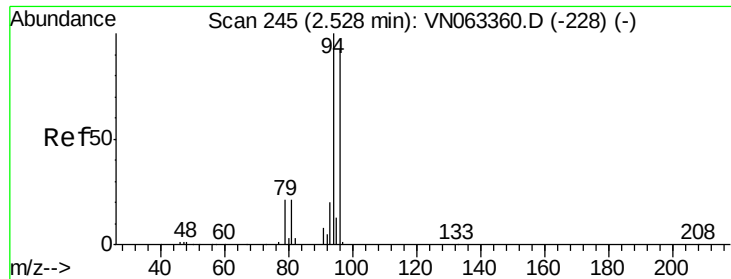
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#4
Vinyl Chloride
Concen: 45.477 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	62	Resp	147352
Ion Ratio	100	Lower	Upper
62	100		
64	32.8	25.1	37.7





#5

Bromomethane

Concen: 49.752 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion: 94 Resp: 95714

Ion Ratio Lower Upper

94 100

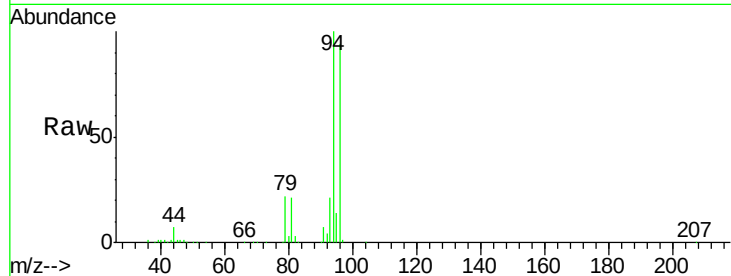
96 94.3 74.5 111.7

Manual Integrations

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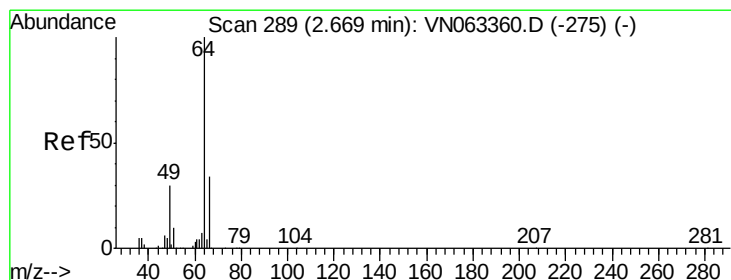
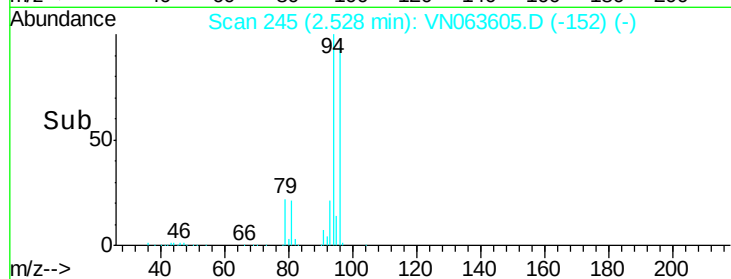
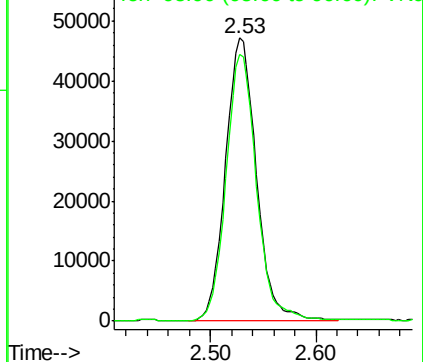
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 48.230 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063605.D

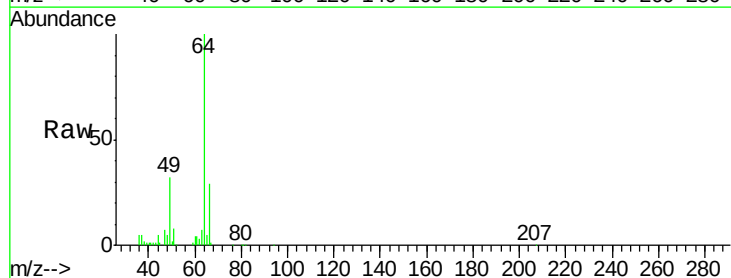
Acq: 23 Sep 2020 21:42

Tgt Ion: 64 Resp: 95927

Ion Ratio Lower Upper

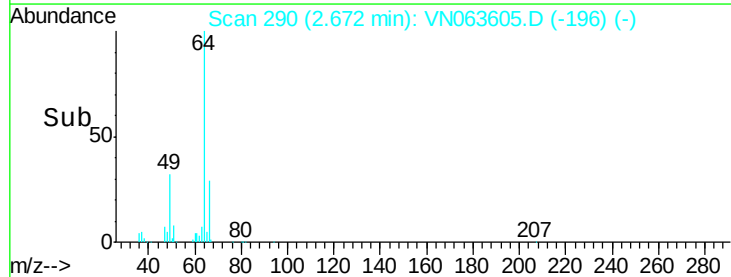
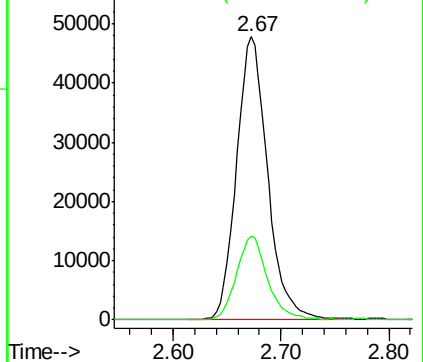
64 100

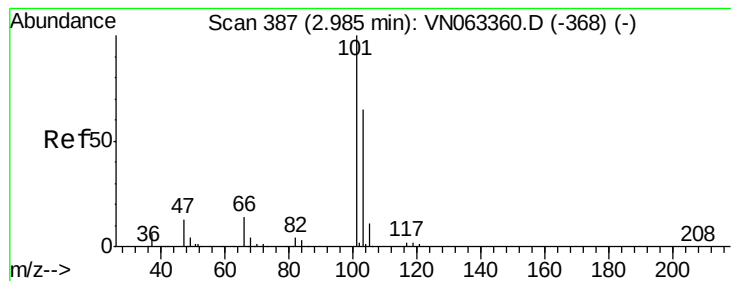
66 29.5 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

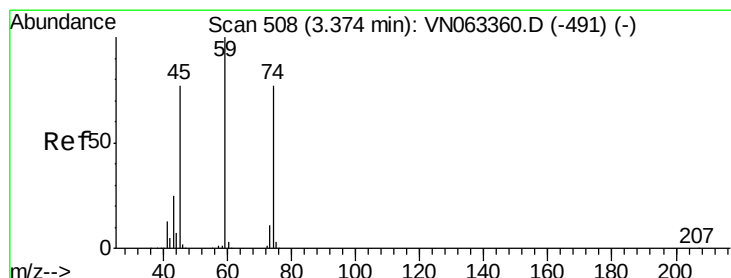
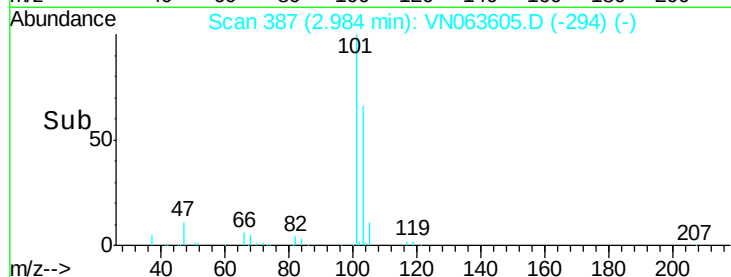
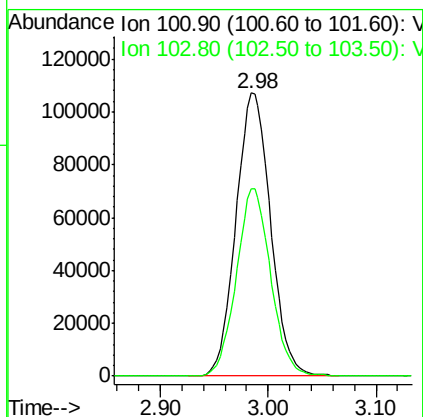
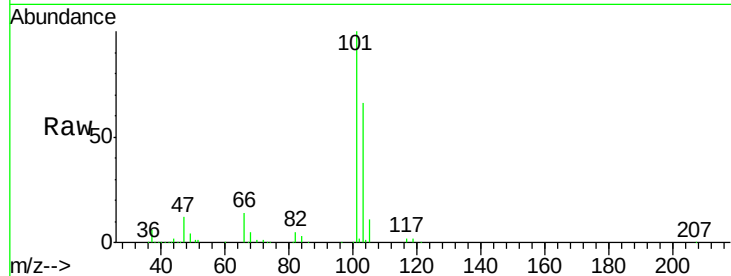
Trichlorofluoromethane
Concen: 49.561 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
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ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.3	78.5

Manual Integrations
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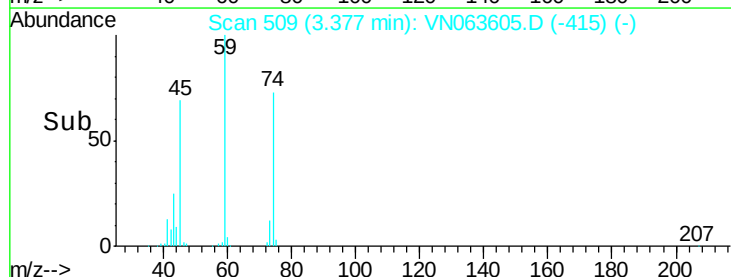
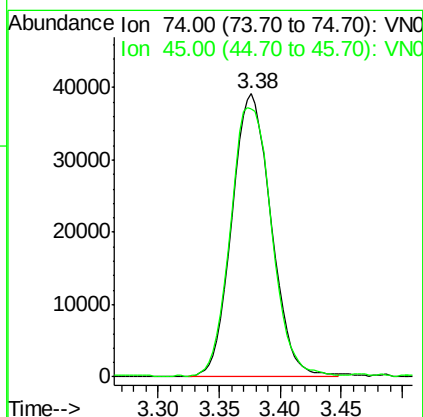
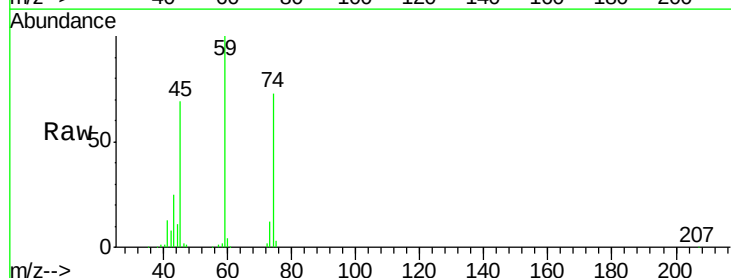
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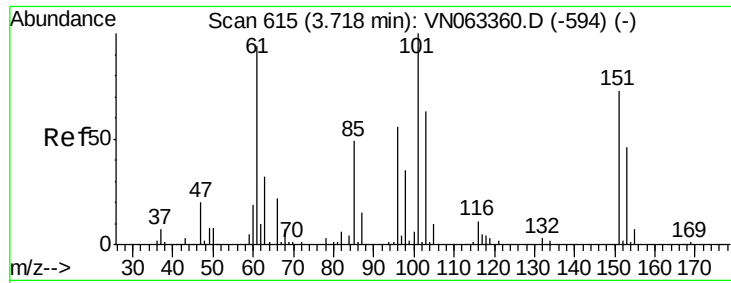


#8

Diethyl Ether
Concen: 46.574 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	52.1	156.4





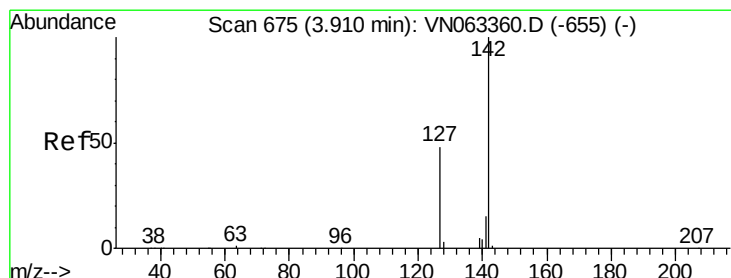
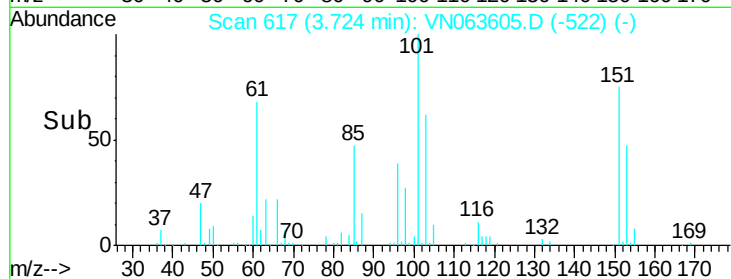
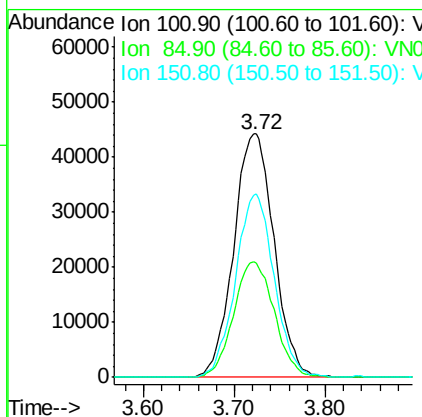
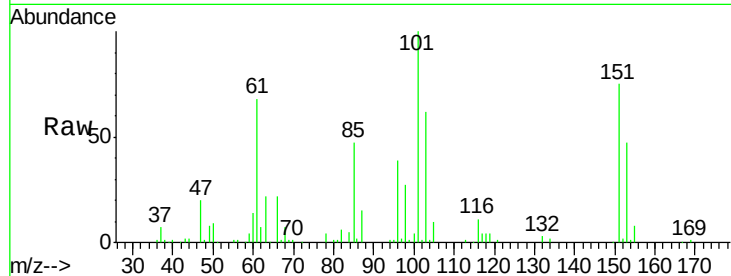
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.992 ug/l
RT: 3.72 min Scan# 617
Delta R.T. 0.01 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	47.9	37.7	56.5
151	72.4	57.7	86.5

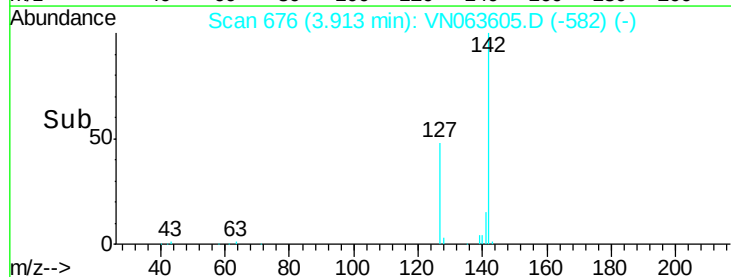
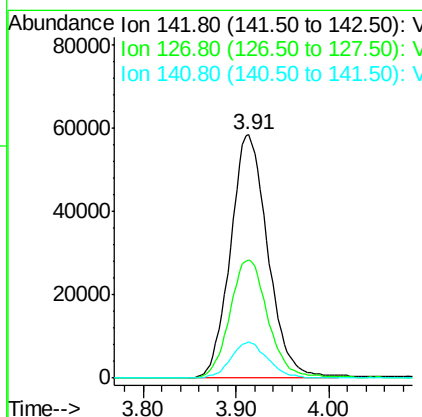
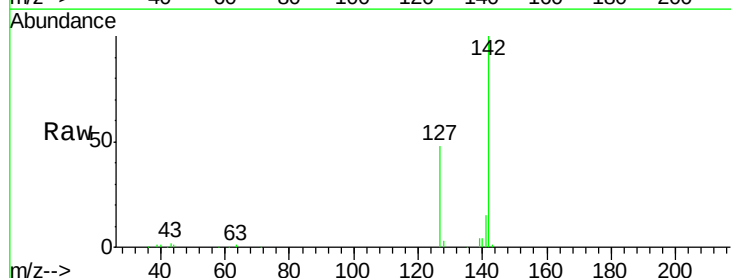
Manual Integrations
APPROVED

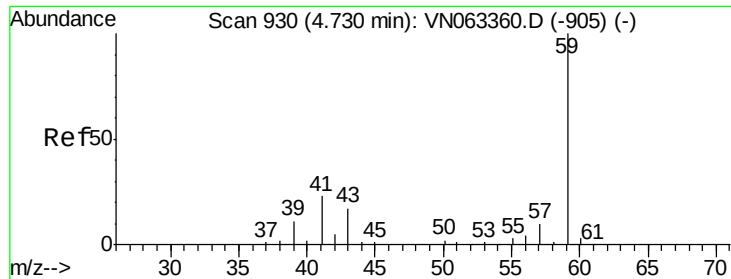
MMDadoda
9/24/2020 1:38:16 PM



#10
Methyl Iodide
Concen: 46.194 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.4	39.0	58.6
141	14.6	11.6	17.4





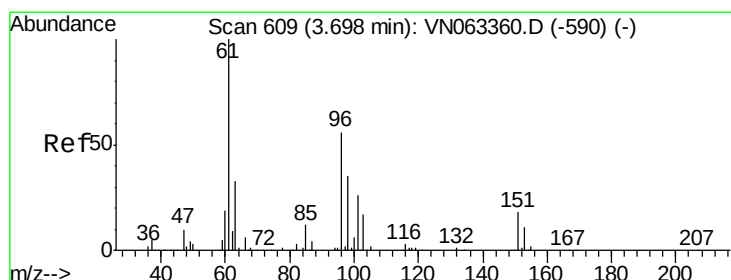
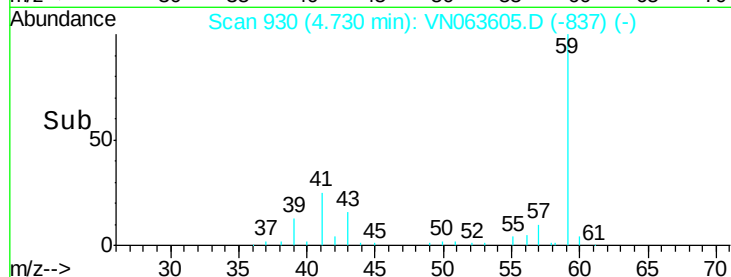
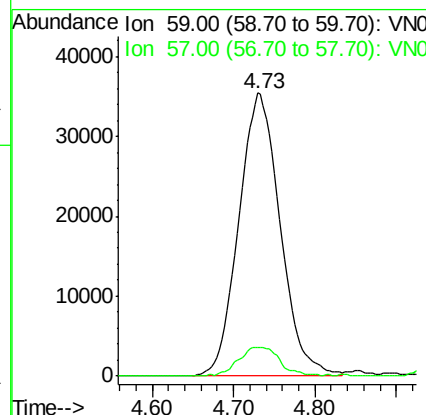
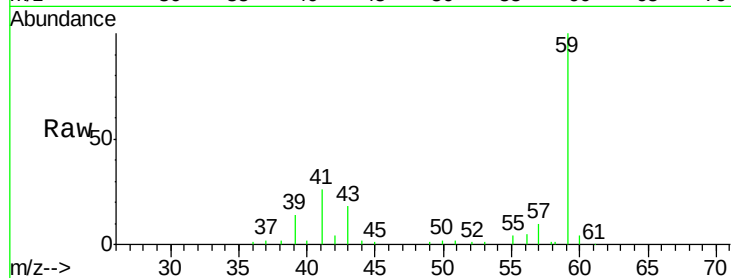
#11
Tert butyl alcohol
Concen: 216.856 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

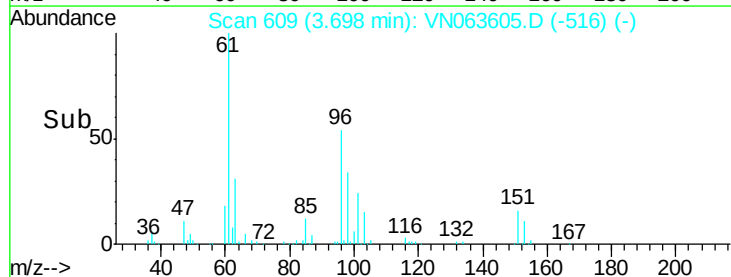
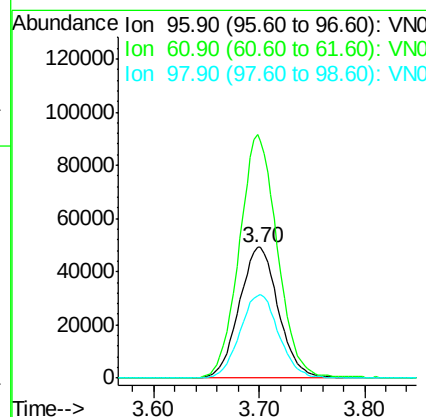
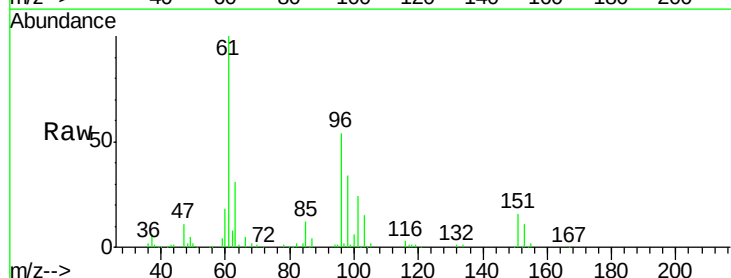
Manual Integrations
APPROVED

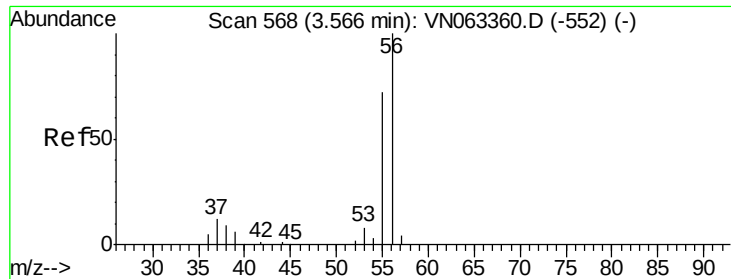
MMDadoda
9/24/2020 1:38:16 PM



#12
1,1-Dichloroethene
Concen: 46.053 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.1	143.4	215.2
98	63.4	50.6	76.0





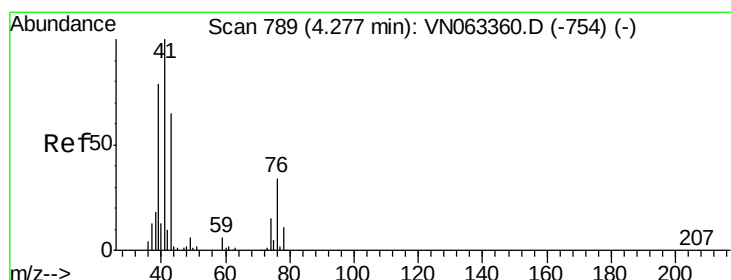
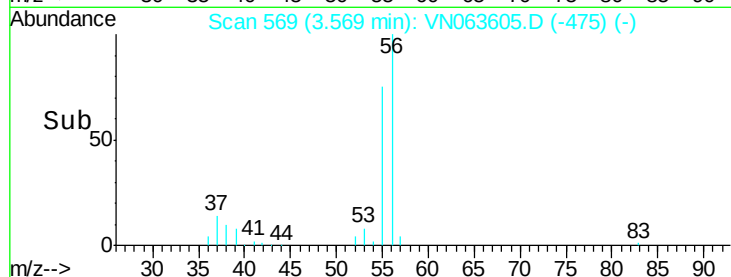
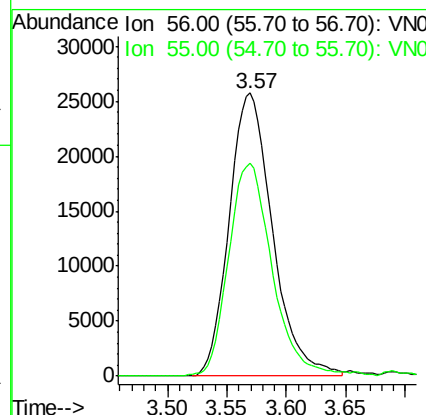
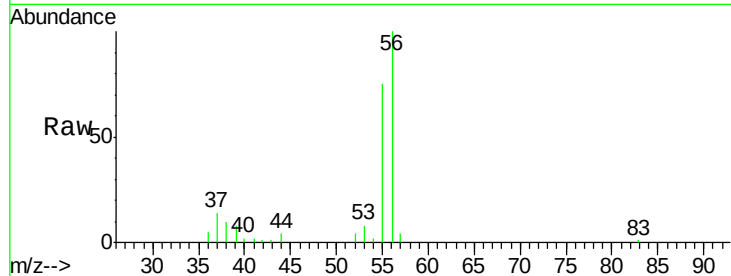
#13
 Acrolein
 Concen: 305.071 ug/l
 RT: 3.57 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	56	100	65058		
55	55	76.0		58.2	87.2

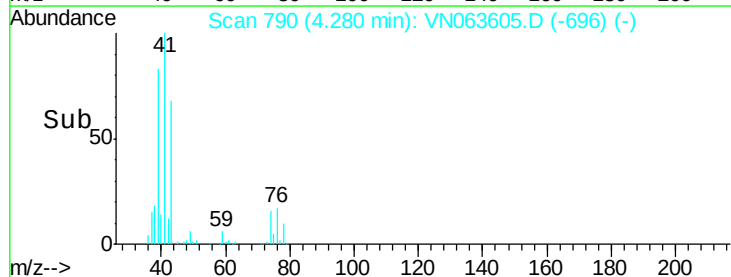
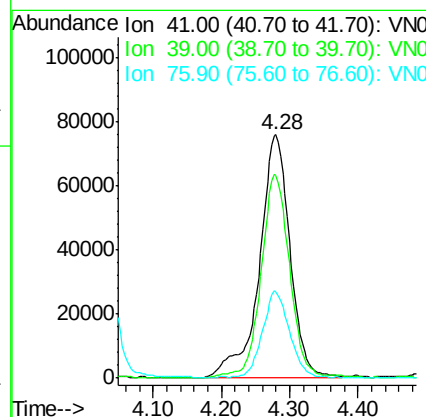
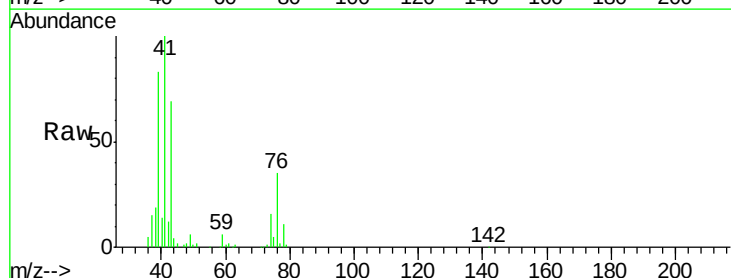
Manual Integrations
 APPROVED

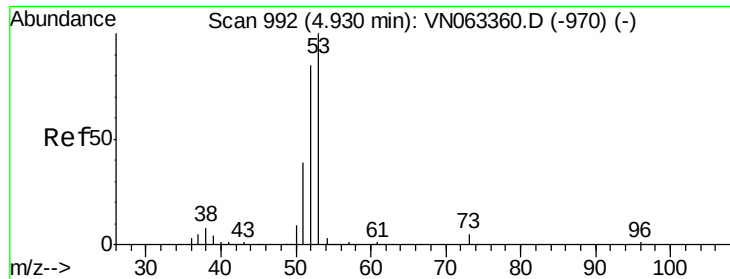
MMDadoda
 9/24/2020 1:38:16 PM



#14
 Allyl chloride
 Concen: 43.731 ug/l
 RT: 4.28 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	238201		
39	39	77.8		59.3	88.9
76	76	30.6		25.3	37.9





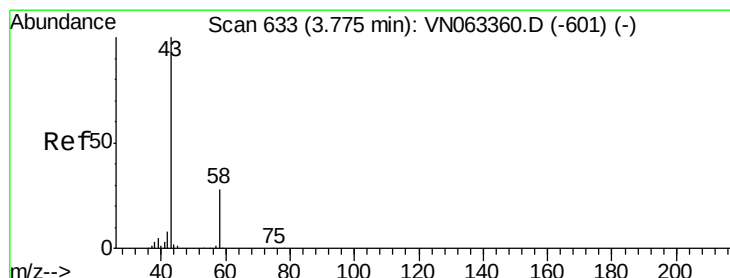
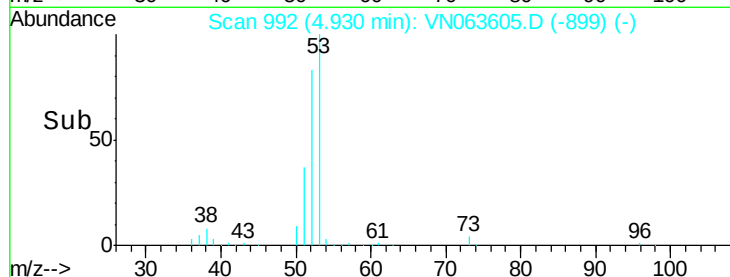
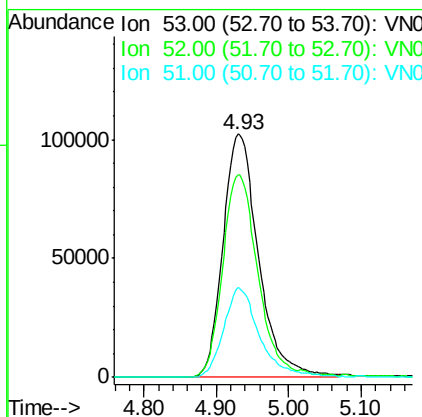
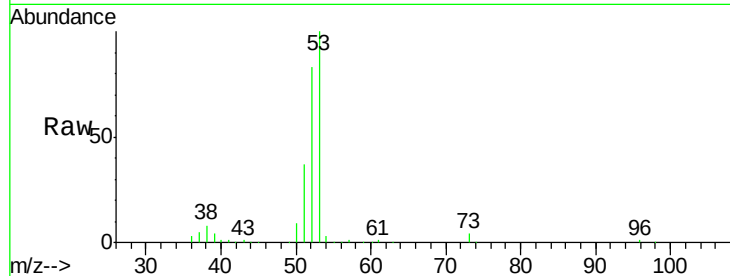
#15
 Acrylonitrile
 Concen: 238.980 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion:	53	Resp:	349811
Ion Ratio	Lower	Upper	
53	100		
52	81.3	66.4	99.6
51	37.1	30.2	45.4

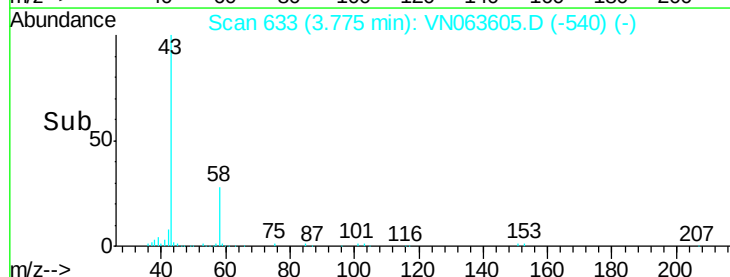
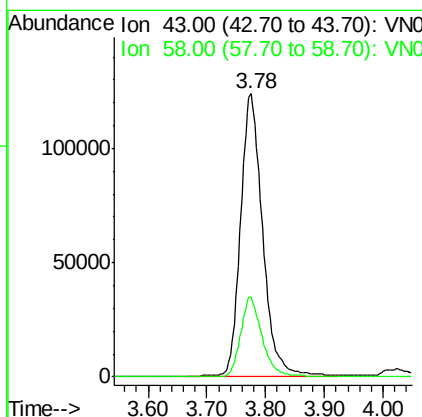
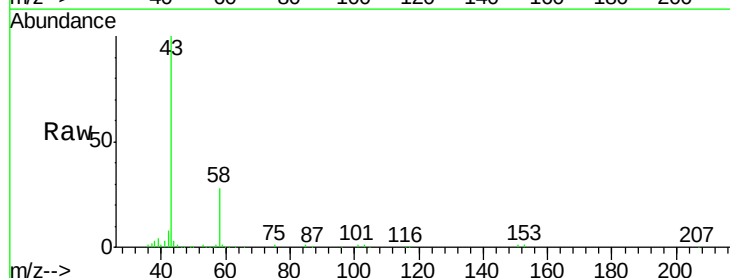
Manual Integrations
 APPROVED

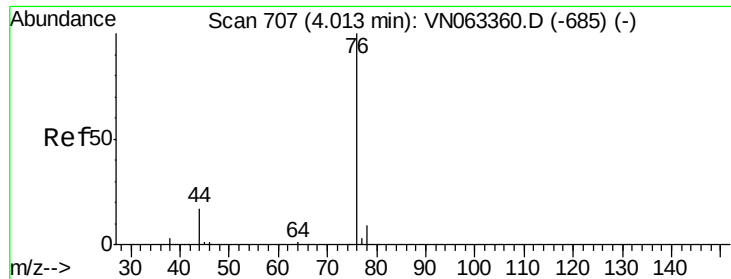
MMDadoda
 9/24/2020 1:38:16 PM



#16
 Acetone
 Concen: 244.907 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion:	43	Resp:	326945
Ion Ratio	Lower	Upper	
43	100		
58	28.1	22.3	33.5





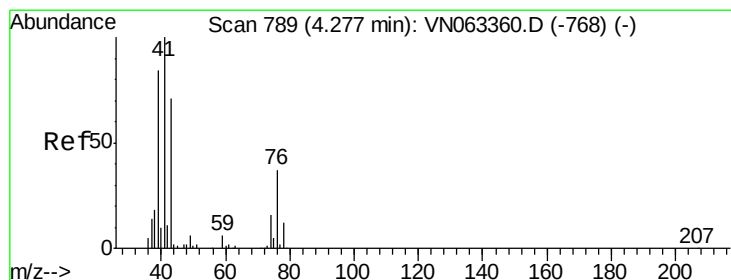
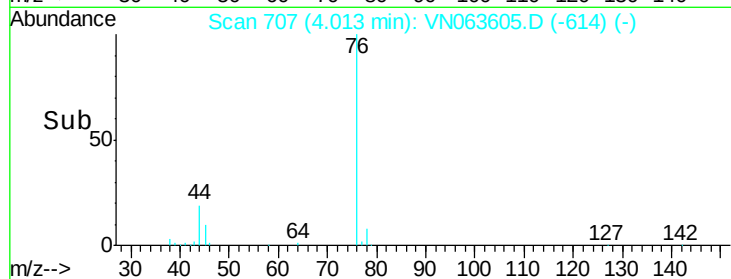
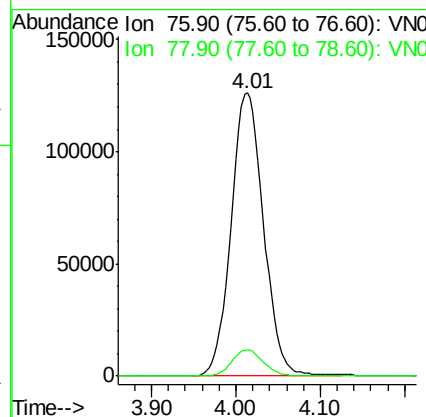
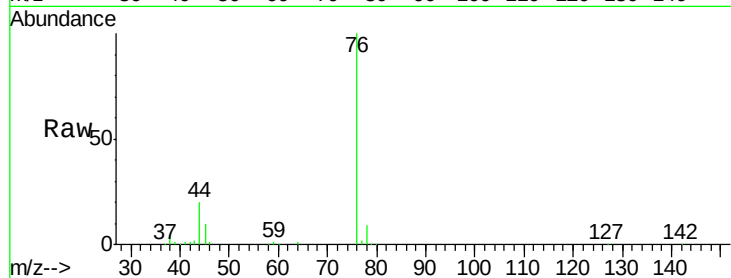
#17
Carbon Disulfide
Concen: 42.108 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ion	Ratio	Lower	Upper
76	76	100		
78	78	9.4	7.2	10.8

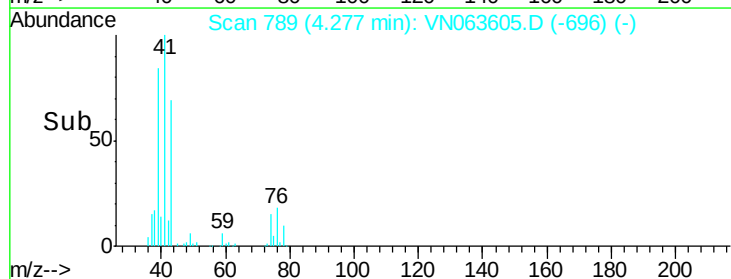
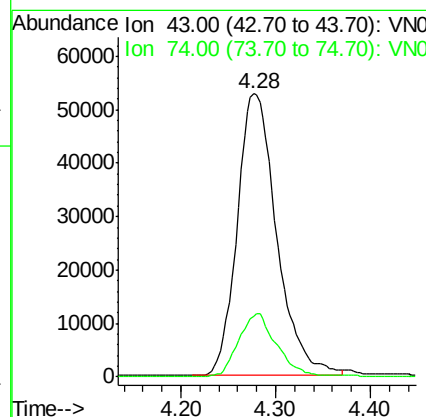
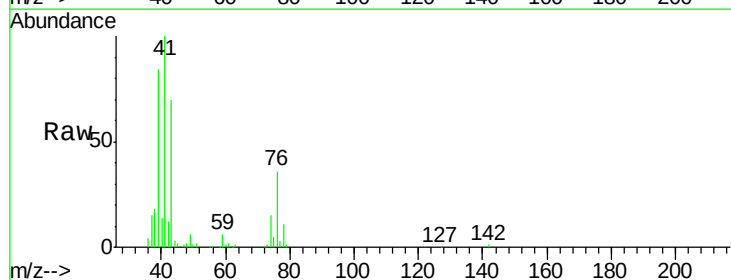
Manual Integrations
APPROVED

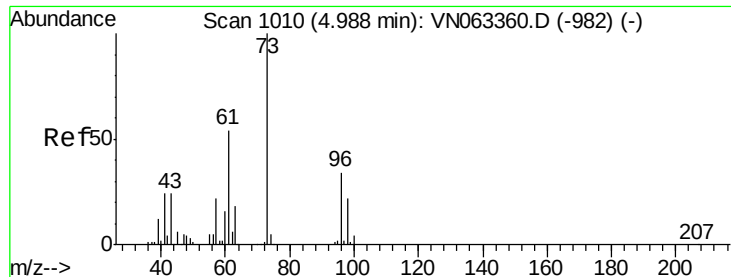
MMDadoda
9/24/2020 1:38:16 PM



#18
Methyl Acetate
Concen: 45.262 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
74	74	21.6	17.4	26.2





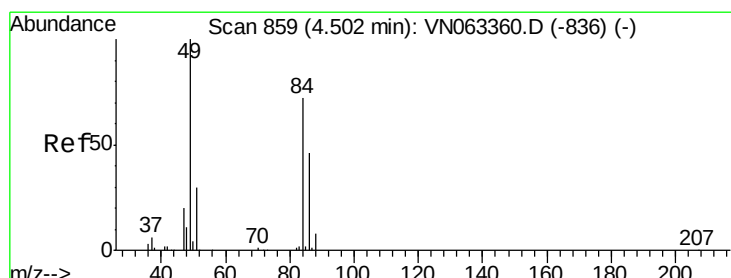
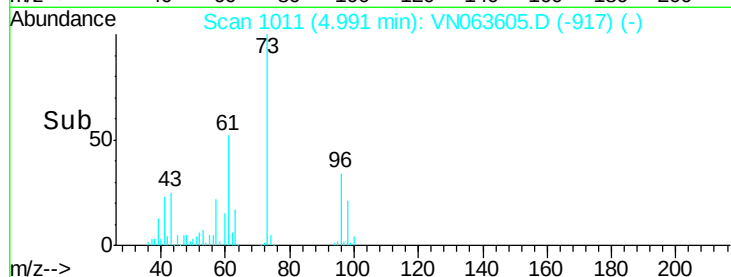
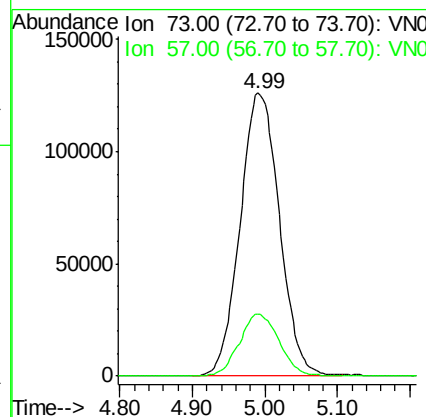
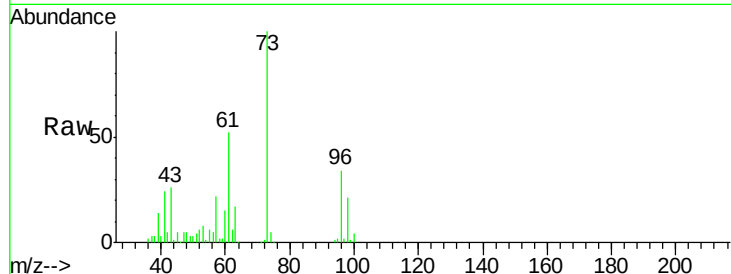
#19
Methvl tert-butvl Ether
Concen: 46.455 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.9	26.9

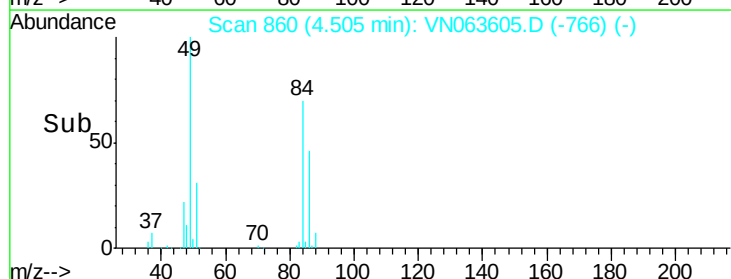
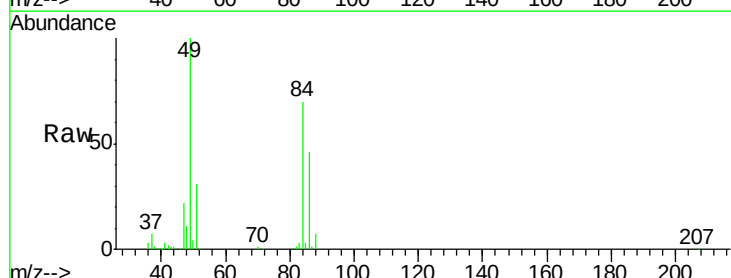
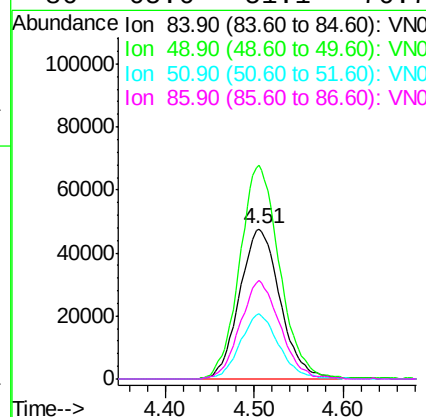
Manual Integrations
APPROVED

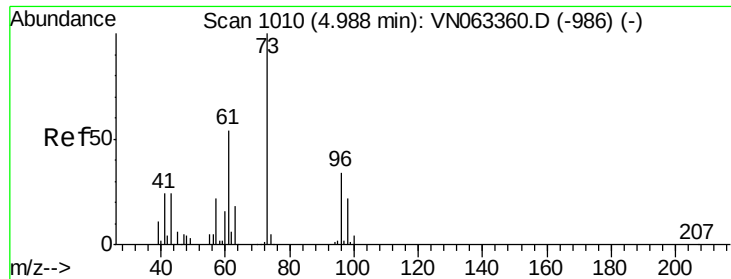
MMDadoda
9/24/2020 1:38:16 PM



#20
Methylene Chloride
Concen: 44.505 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.6	110.7	166.1
51	43.7	32.9	49.3
86	65.6	51.1	76.7





#21

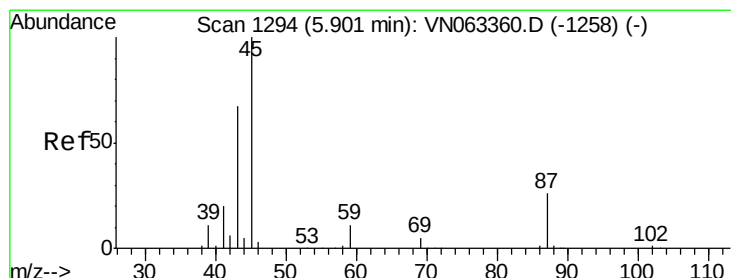
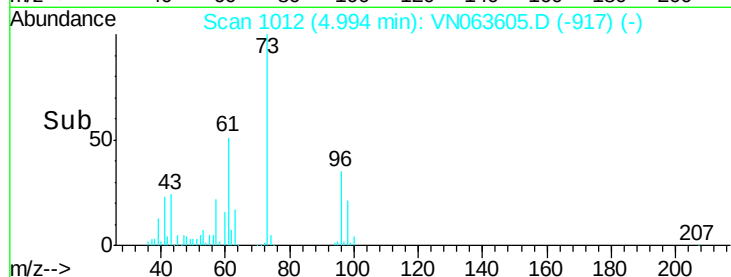
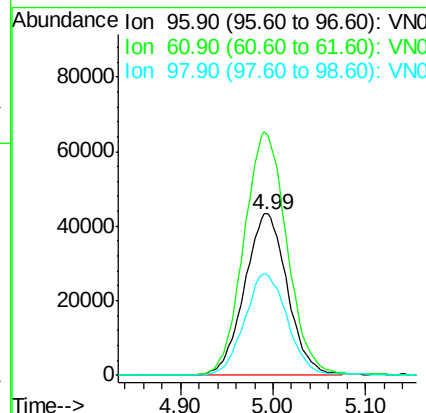
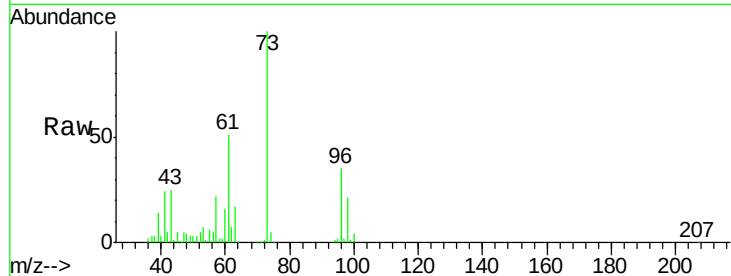
trans-1,2-Dichloroethene
Concen: 45.511 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.1	126.2	189.4
98	62.0	51.0	76.4

Manual Integrations
APPROVED

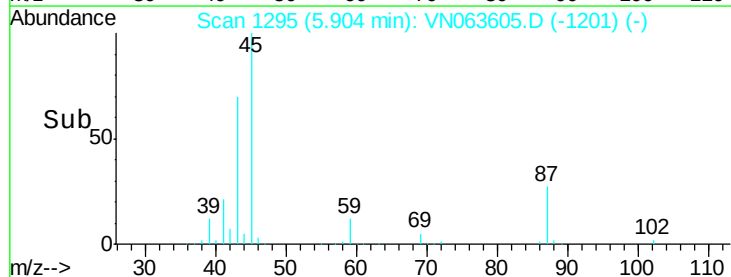
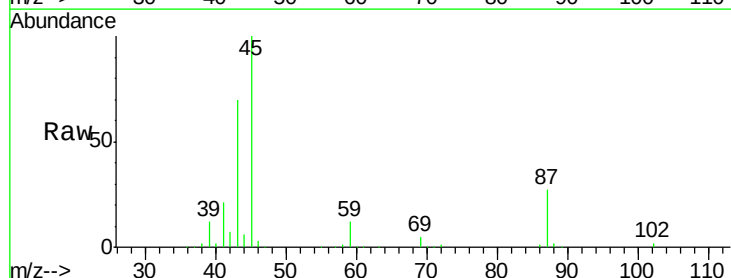
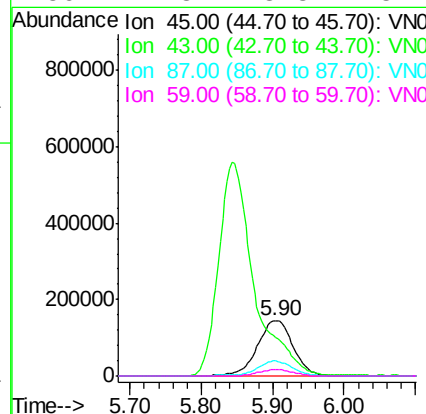
MMDadoda
9/24/2020 1:38:16 PM

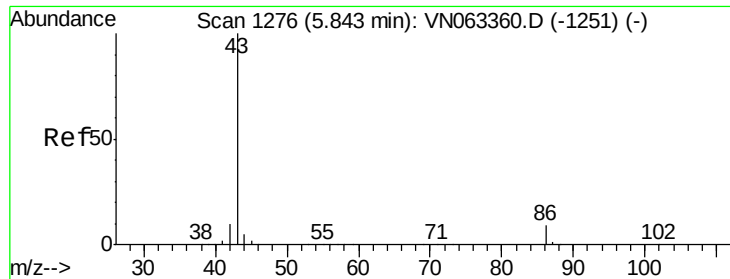


#22

Diisopropyl ether
Concen: 45.165 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.9	53.5	80.3
87	26.7	21.2	31.8
59	11.8	8.8	13.2





#23

Vinyl Acetate

Concen: 211.573 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion: 43 Resp: 1930268

Ion Ratio Lower Upper

43 100

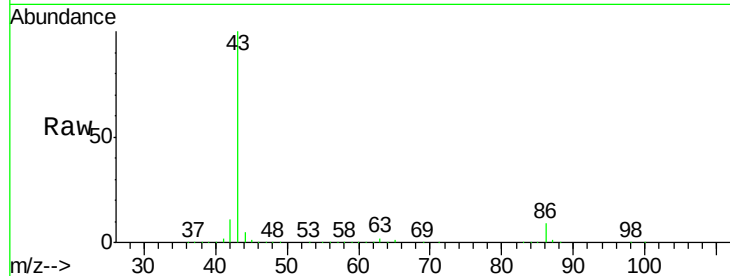
86 9.1 7.1 10.7

Manual Integrations

APPROVED

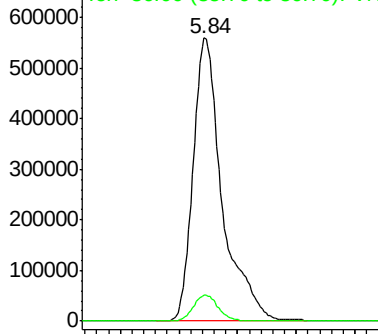
MMDadoda

9/24/2020 1:38:16 PM

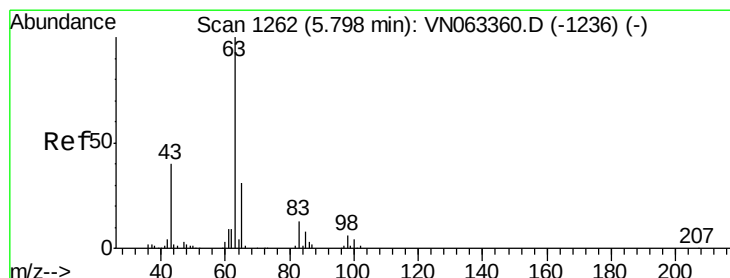
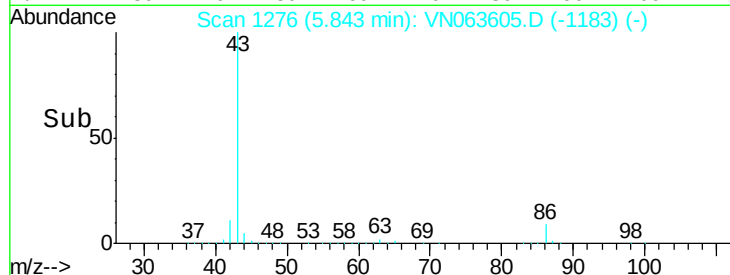


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 46.385 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

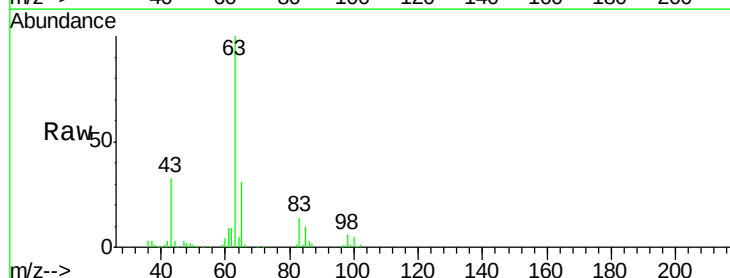
Tgt Ion: 63 Resp: 281322

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

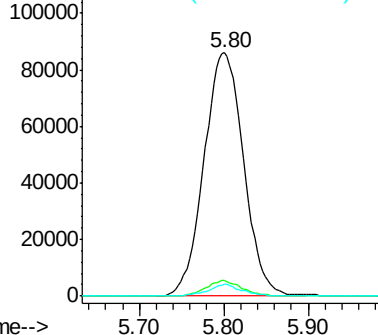
100 4.8 2.1 6.3



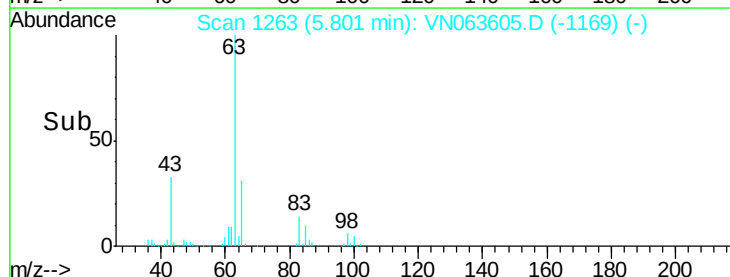
Abundance Ion 62.90 (62.60 to 63.60): VN0

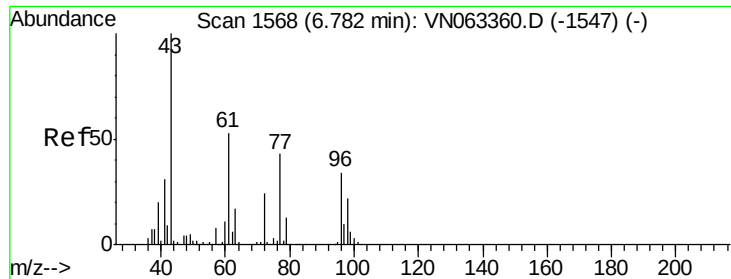
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->





#25

2-Butanone

Concen: 234.610 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion: 43 Resp: 481694

Ion Ratio Lower Upper

43 100

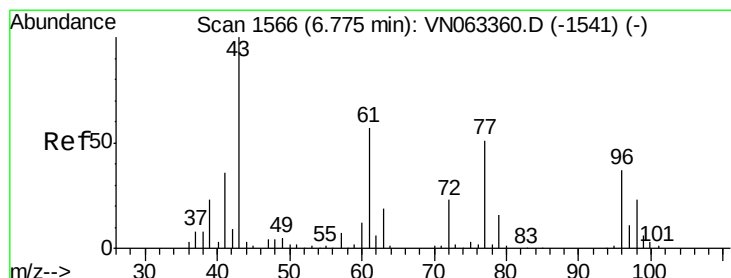
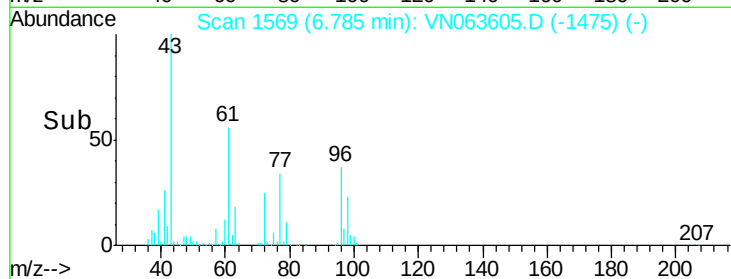
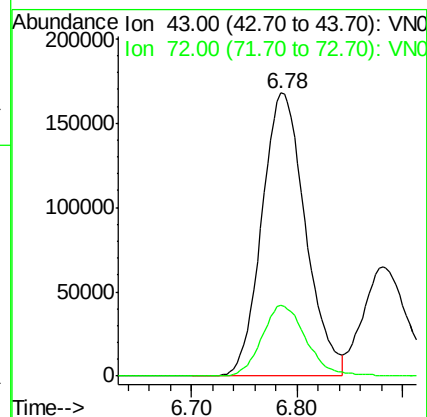
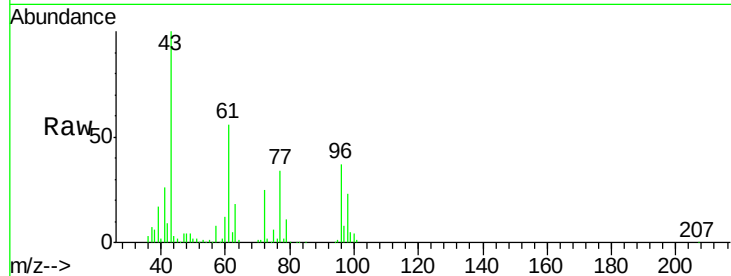
72 25.2 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

9/24/2020 1:38:16 PM



#26

2,2-Dichloropropane

Concen: 36.596 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063605.D

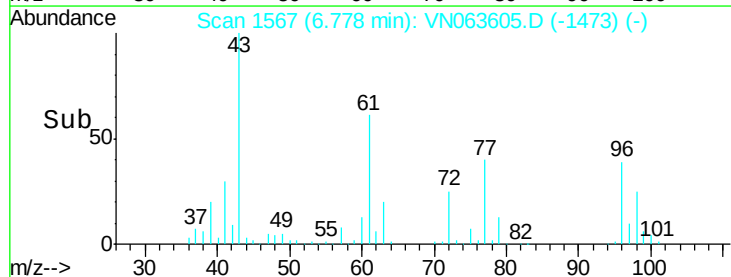
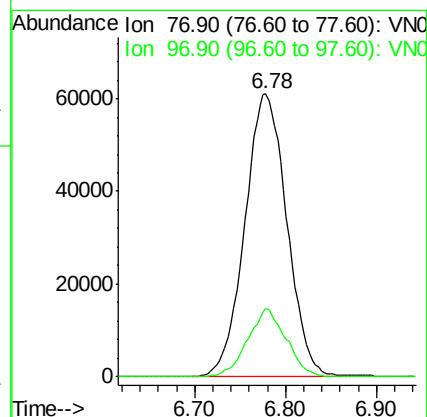
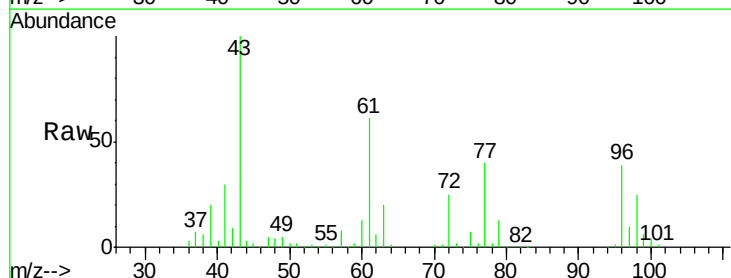
Acq: 23 Sep 2020 21:42

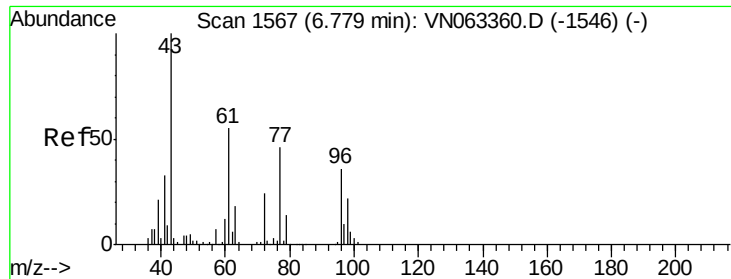
Tgt Ion: 77 Resp: 195416

Ion Ratio Lower Upper

77 100

97 22.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 51.796 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063605.D

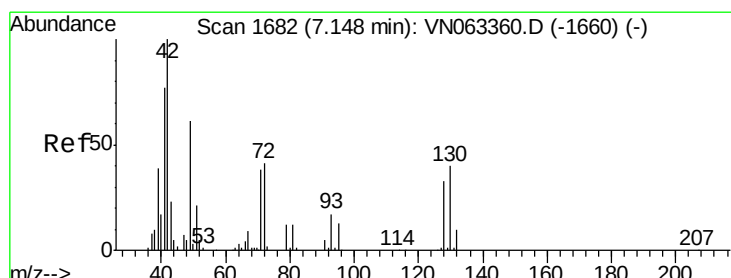
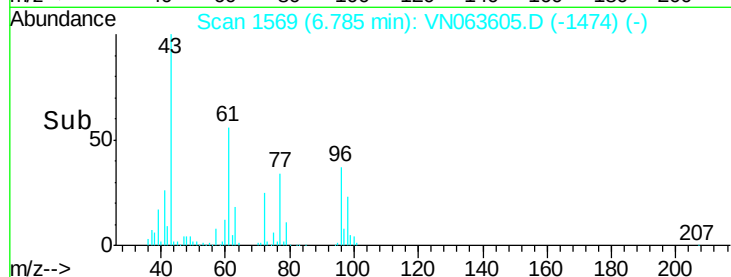
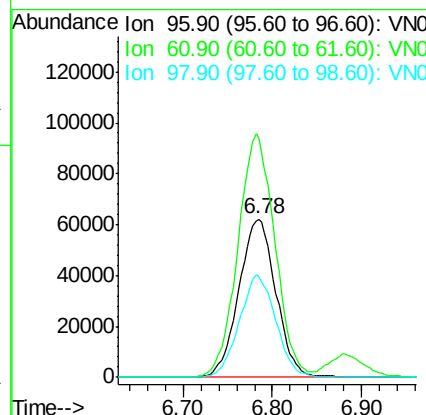
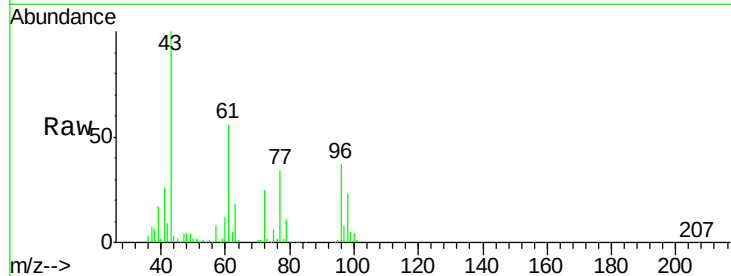
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	178864		
61	153.1	0.0	319.6	
98	63.4	0.0	127.8	

Manual Integrations
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#28

Bromochloromethane

Concen: 49.249 ug/l

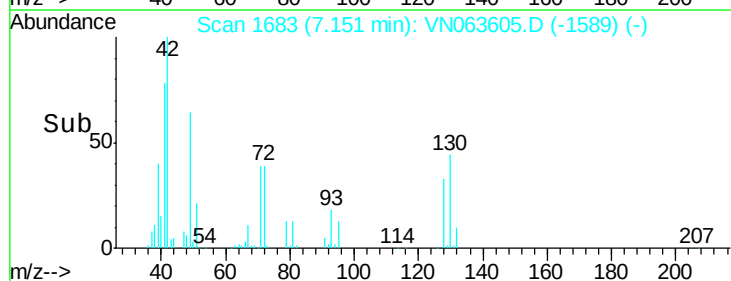
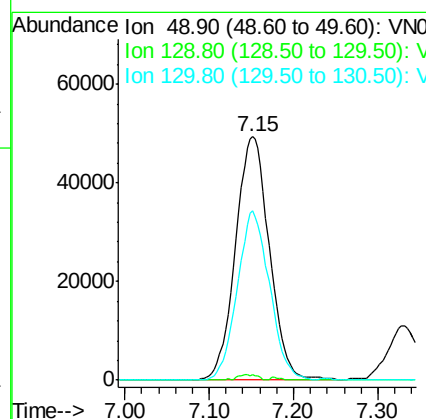
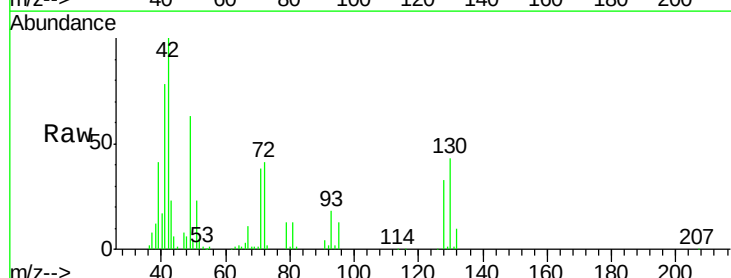
RT: 7.15 min Scan# 1683

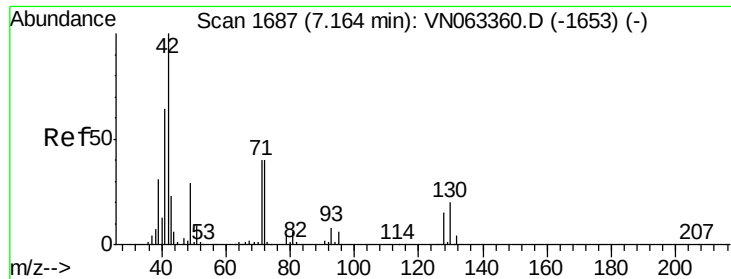
Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137914		
129	1.2	0.0	3.8	
130	66.3	52.2	78.2	





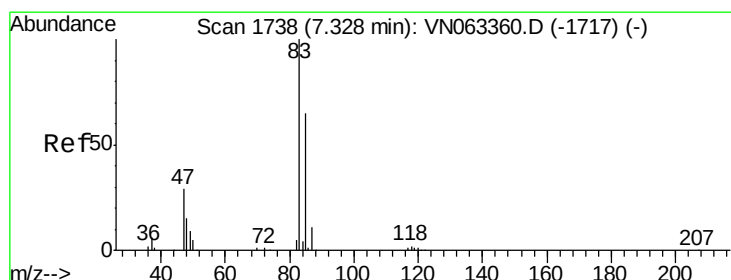
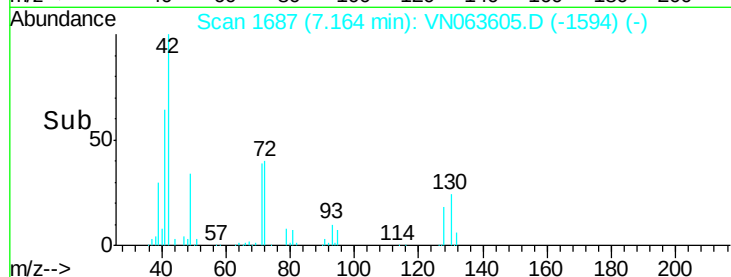
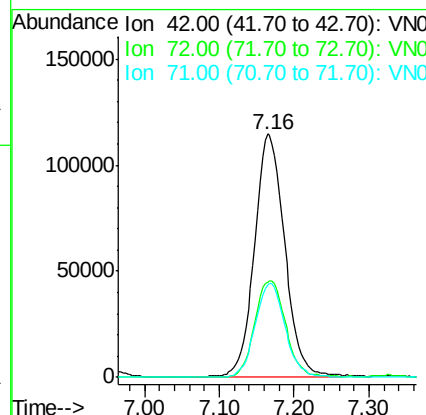
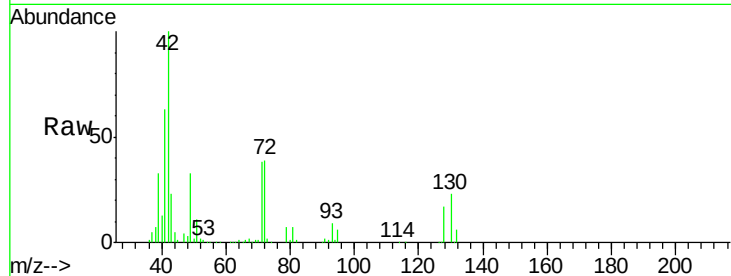
#29
Tetrahydrofuran
Concen: 230.050 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.1	48.1
71	38.1	31.2	46.8

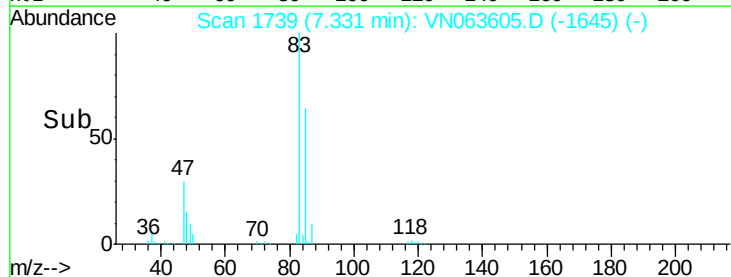
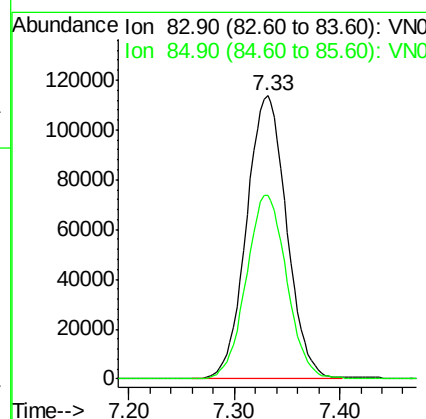
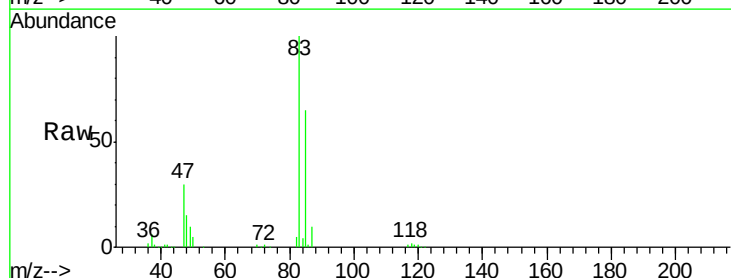
Manual Integrations
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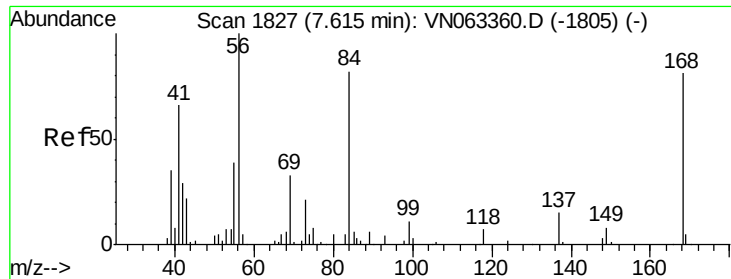
MMDadoda
9/24/2020 1:38:16 PM



#30
Chloroform
Concen: 49.558 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.1	78.1





#31

Cyclohexane

Concen: 39.459 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion: 56 Resp: 226372

Ion Ratio Lower Upper

56 100

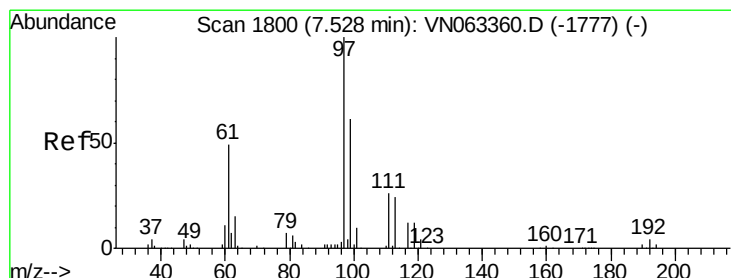
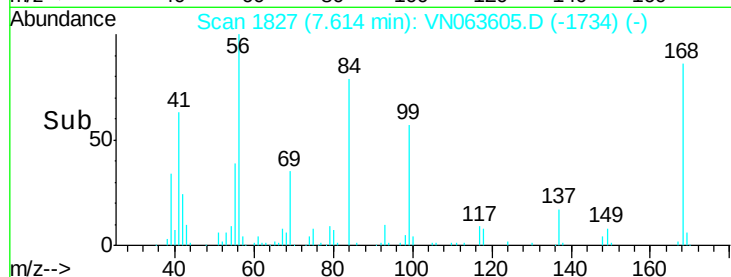
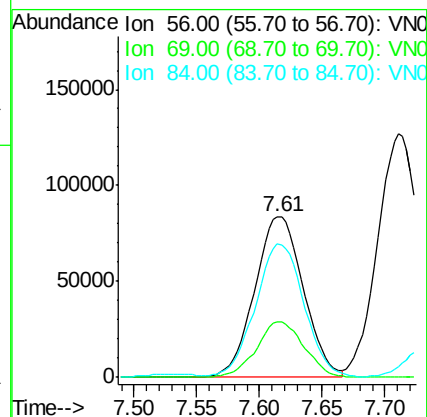
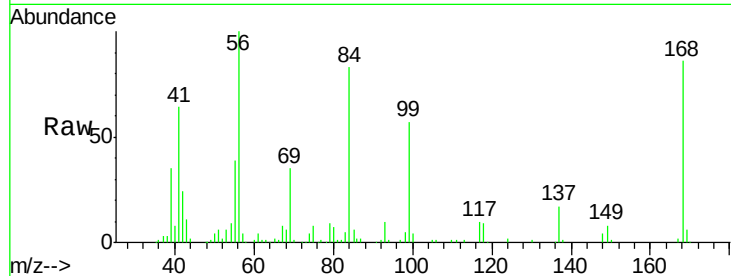
69 34.5 26.1 39.1

84 81.3 65.4 98.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.917 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

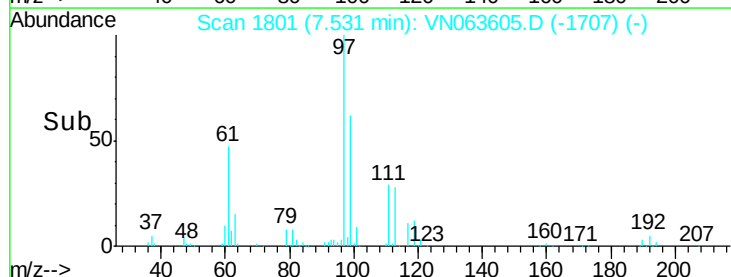
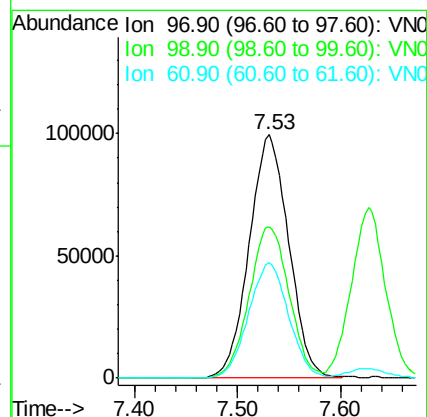
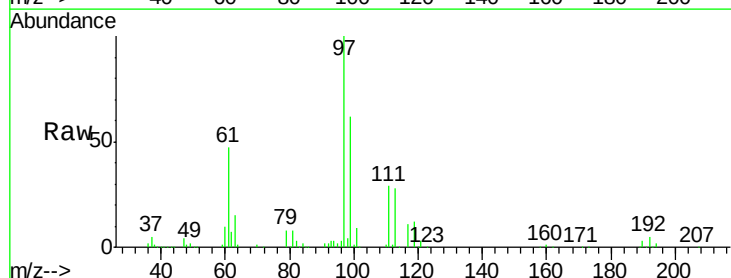
Tgt Ion: 97 Resp: 264742

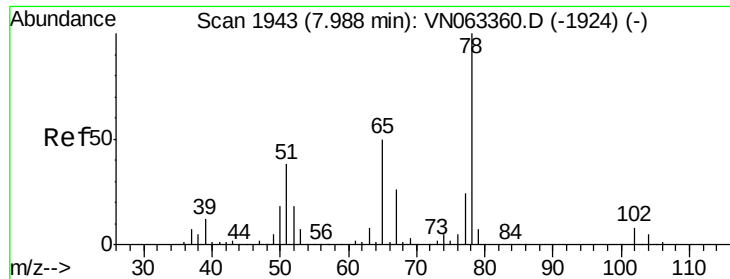
Ion Ratio Lower Upper

97 100

99 63.0 50.6 76.0

61 48.1 39.2 58.8





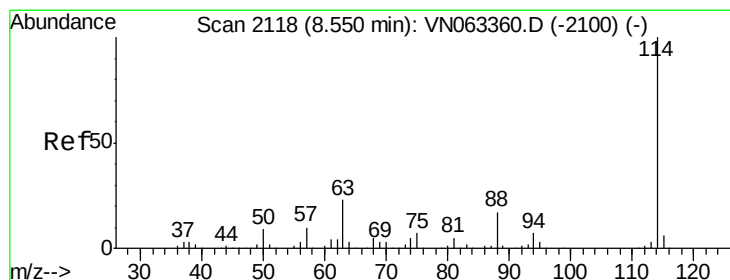
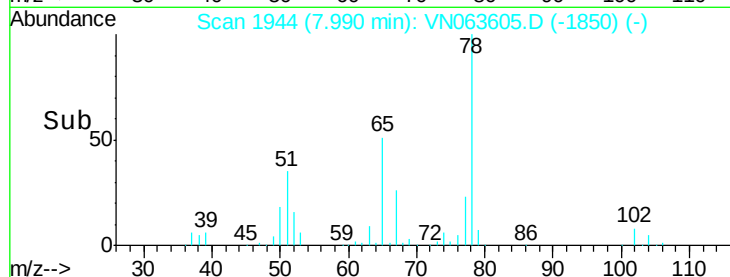
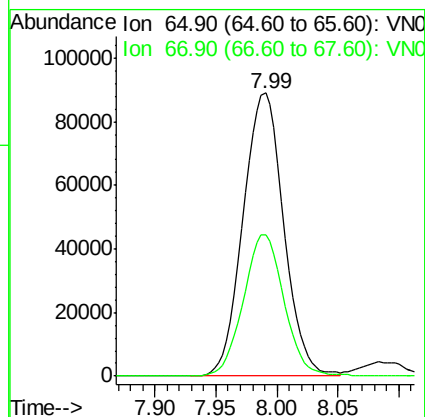
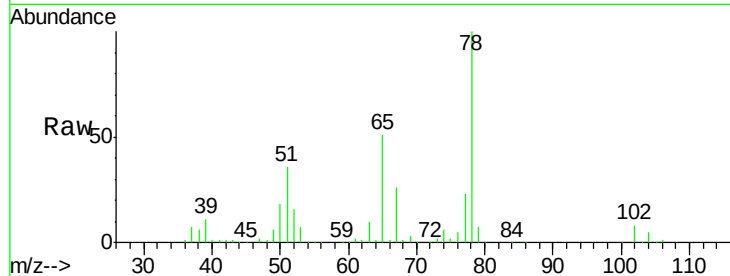
#33
 1,2-Dichloroethane-d4
 Concen: 49.367 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.8	0.0	104.2	

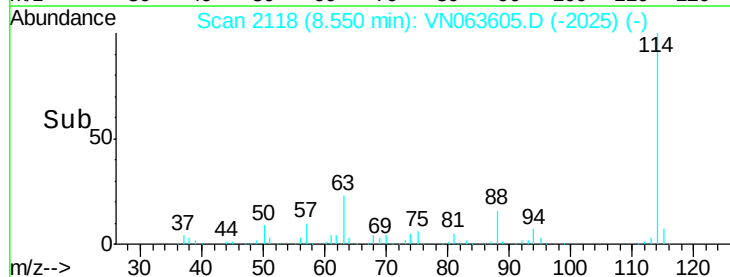
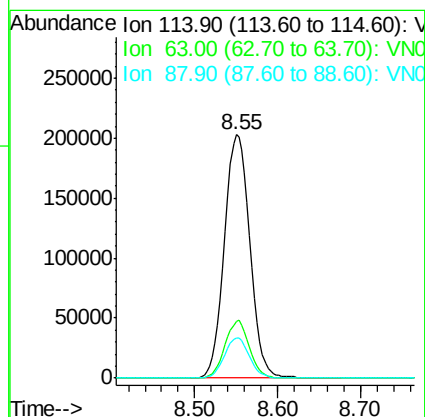
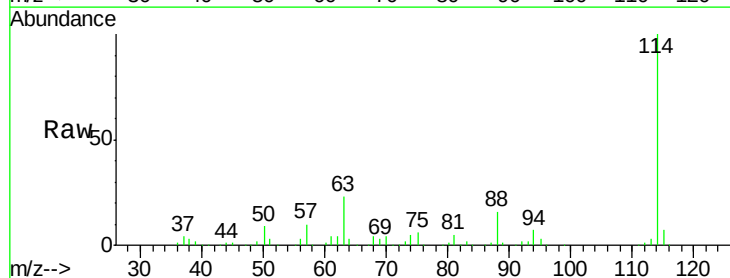
Manual Integrations
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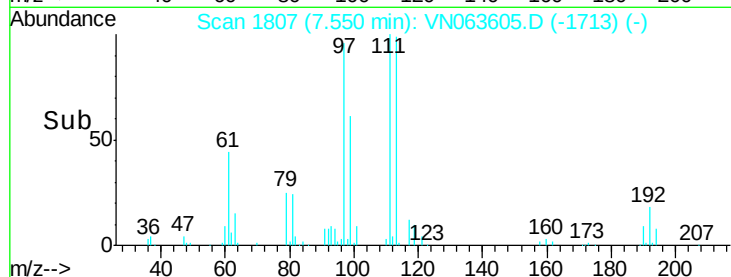
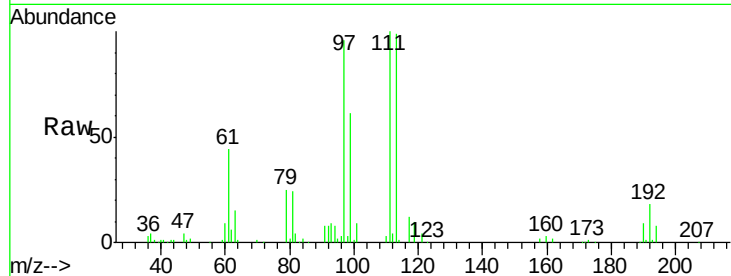
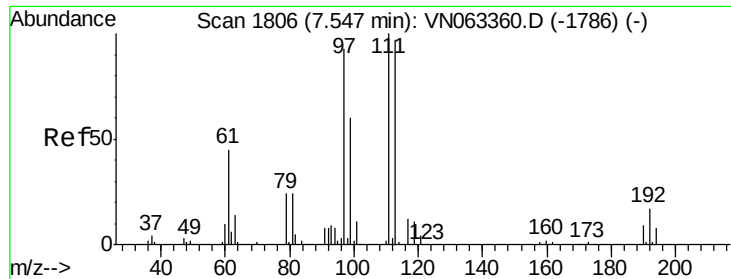
MMDadoda
 9/24/2020 1:38:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.4	0.0	46.4	
88	16.4	0.0	33.2	





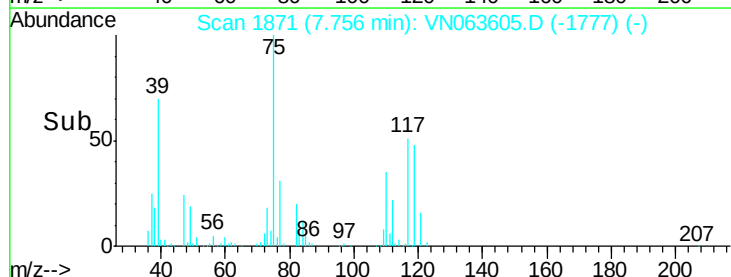
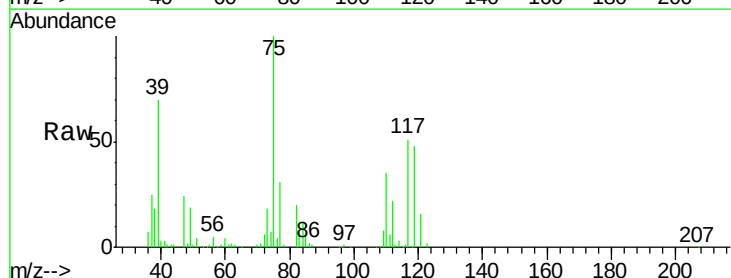
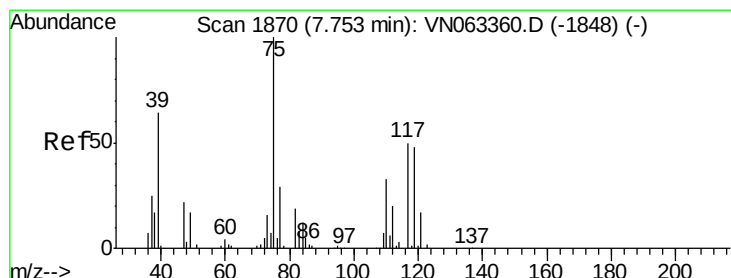
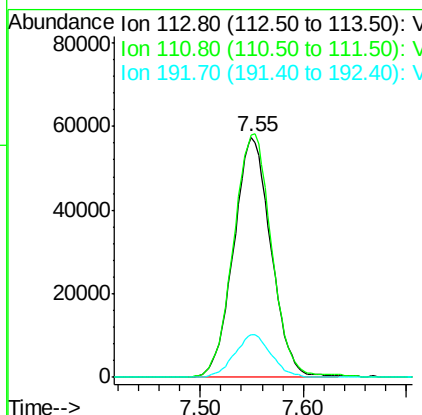
#35
Dibromofluoromethane
Concen: 48.012 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144296		
111	103.1	82.9	124.3	
192	17.4	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

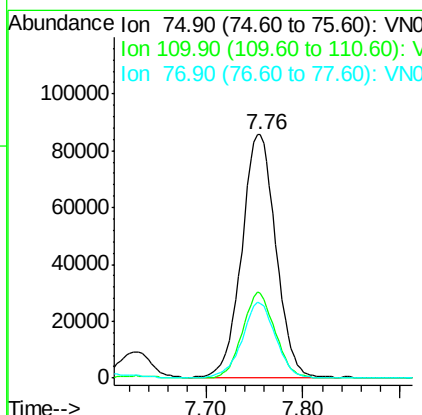
Manual Integrations
APPROVED

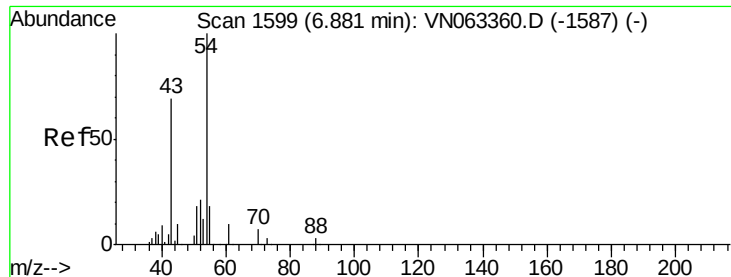
MMDadoda
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#36
1,1-Dichloropropene
Concen: 45.195 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	209030		
110	33.8	16.5	49.5	
77	30.7	24.6	36.8	





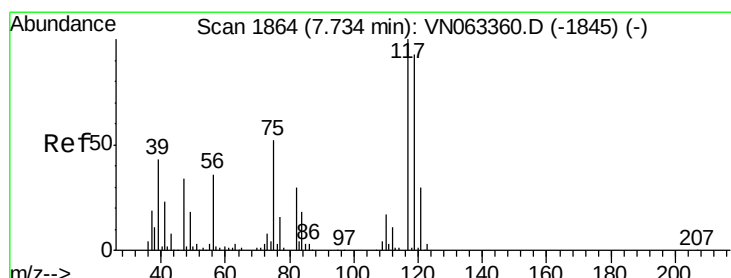
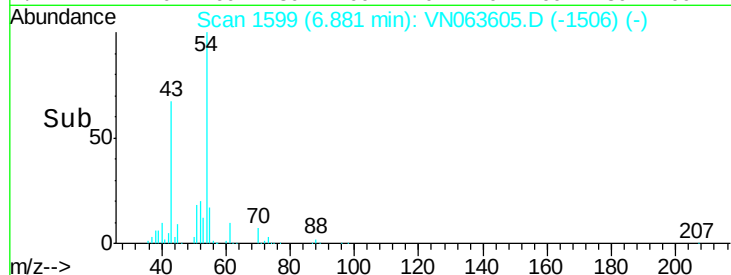
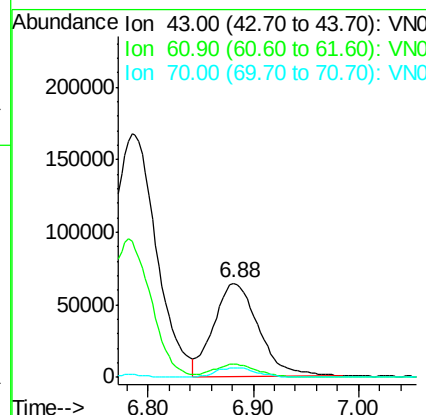
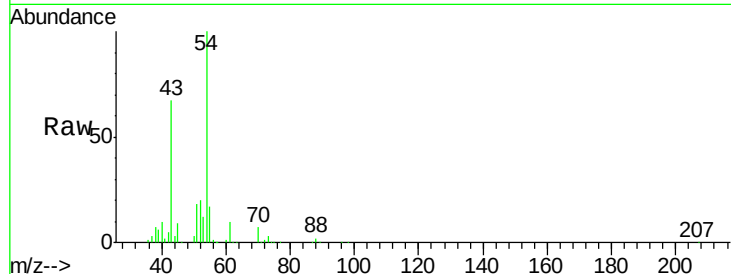
#37
Ethyl Acetate
Concen: 41.610 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.1	10.6	15.8	
70	9.7	7.2	10.8	

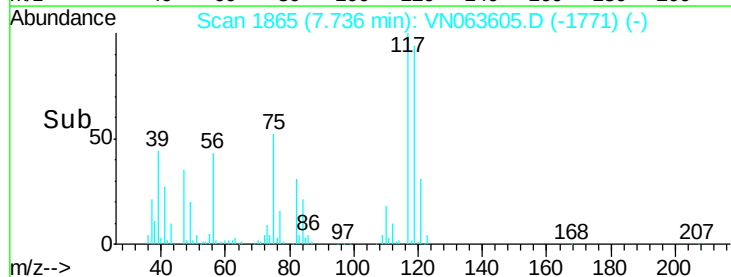
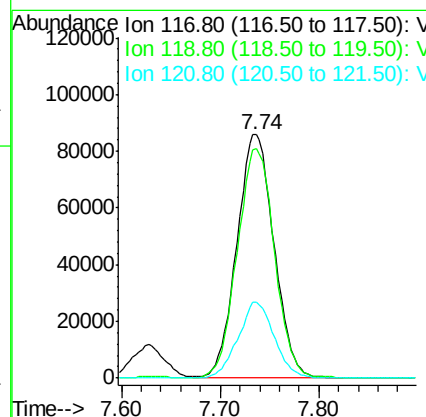
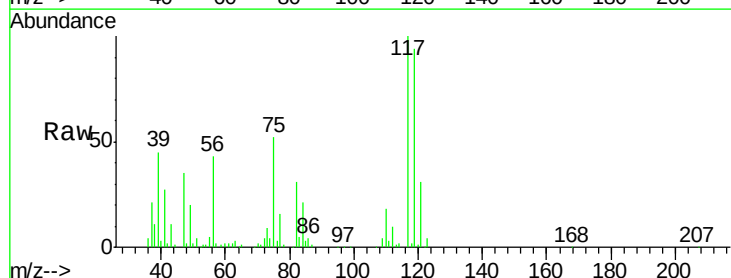
Manual Integrations
APPROVED

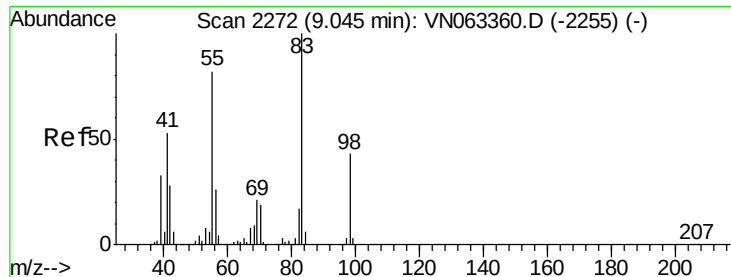
MMDadoda
9/24/2020 1:38:16 PM



#38
Carbon Tetrachloride
Concen: 47.114 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	94.3	74.5	111.7	
121	31.4	24.1	36.1	





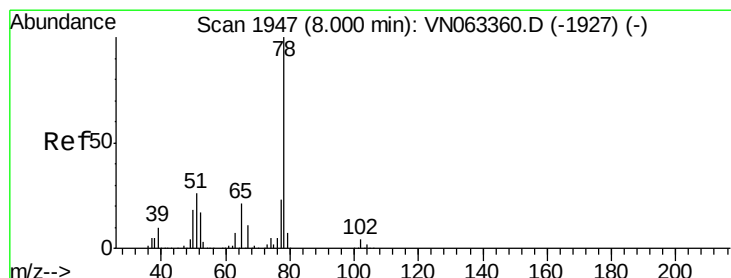
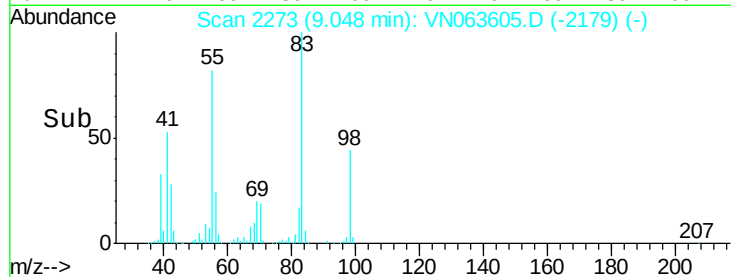
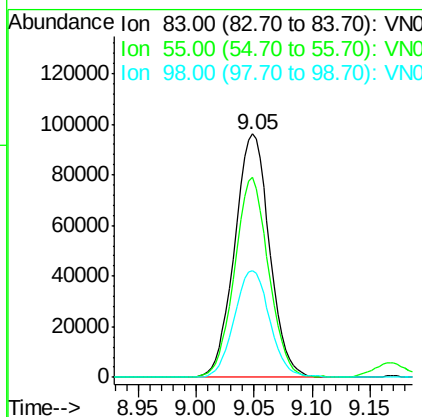
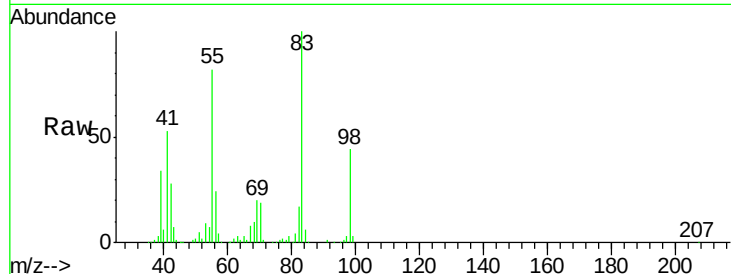
#39
Methylvlcyclohexane
Concen: 40.038 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	65.5	98.3
98	44.1	34.2	51.4

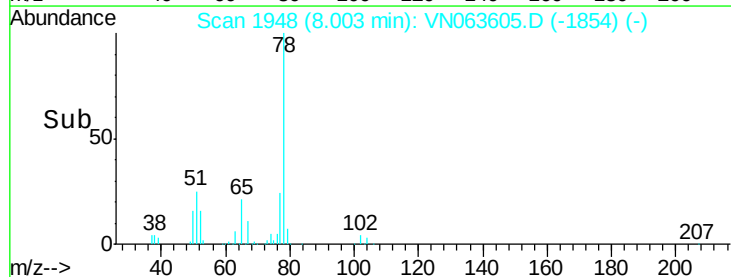
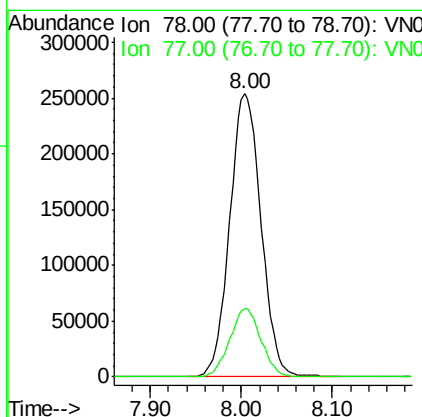
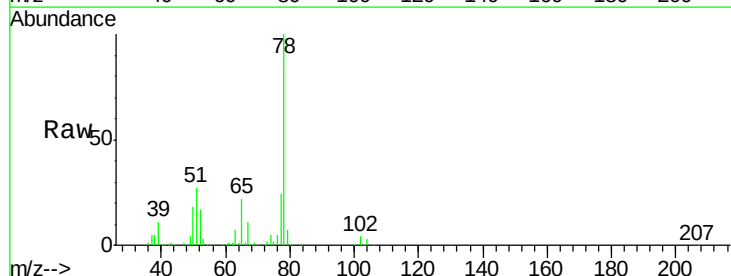
Manual Integrations
APPROVED

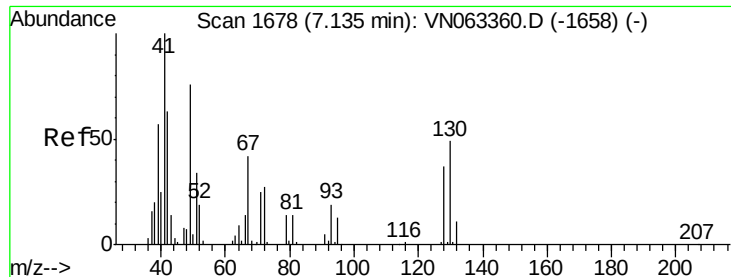
MMDadoda
9/24/2020 1:38:16 PM



#40
Benzene
Concen: 46.046 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.3	27.5





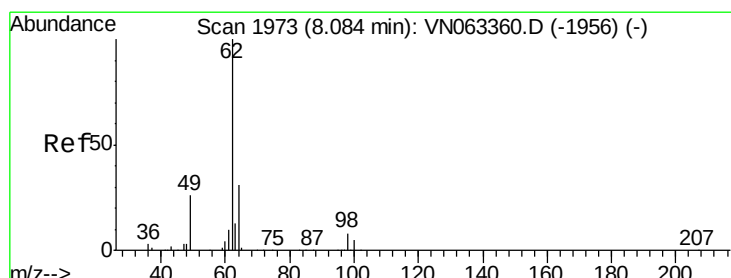
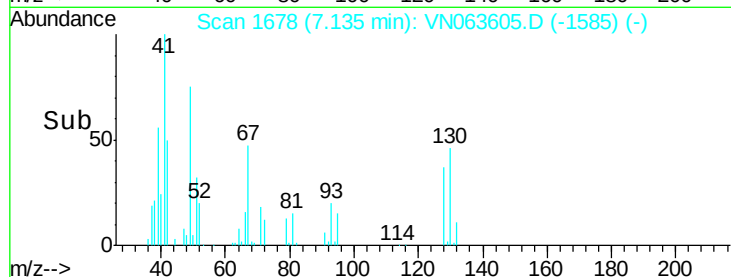
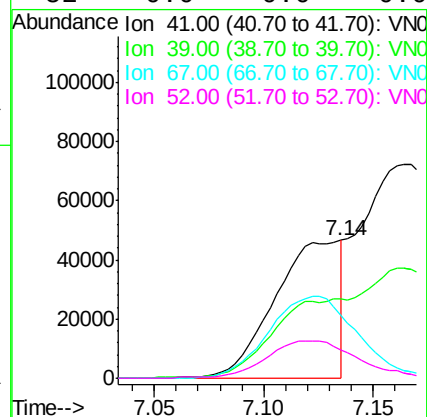
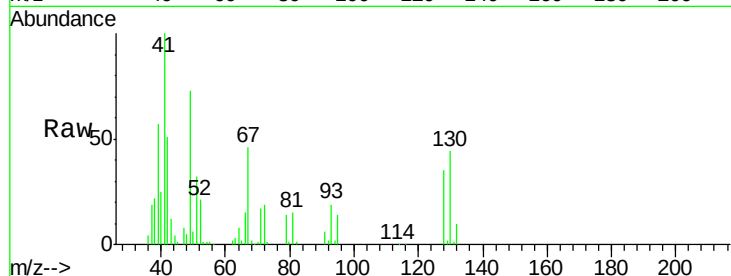
#41
Methacrylonitrile
Concen: 47.604 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	41	Resp	97188
Ion Ratio	Lower	Upper	
41	100		
39	175.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

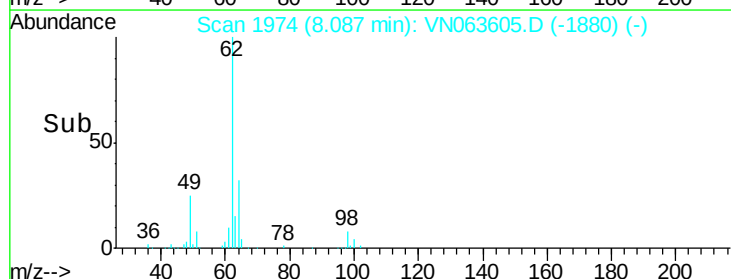
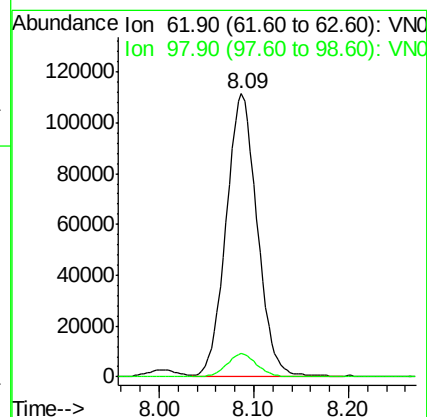
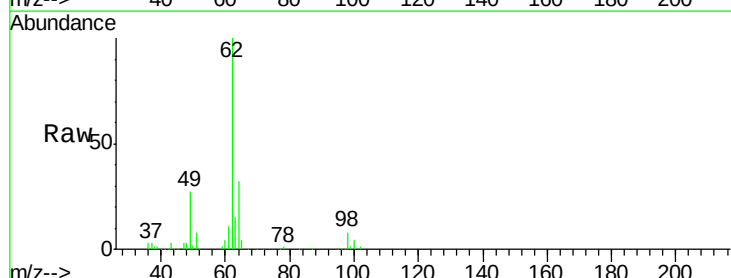
Manual Integrations
APPROVED

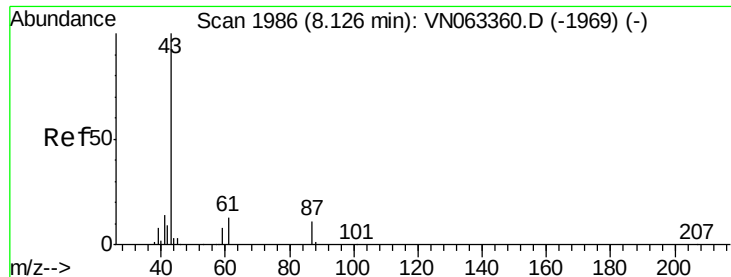
MMDadoda
9/24/2020 1:38:16 PM



#42
1,2-Dichloroethane
Concen: 47.753 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	62	Resp	253545
Ion Ratio	Lower	Upper	
62	100		
98	8.0	0.0	15.6





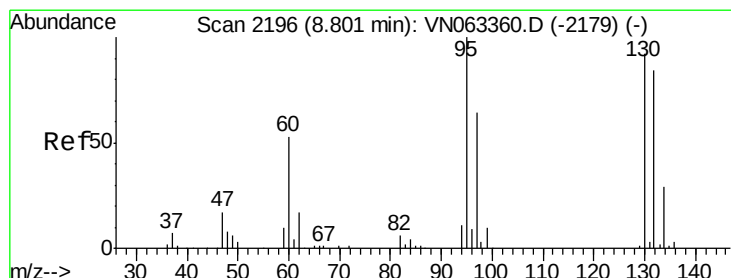
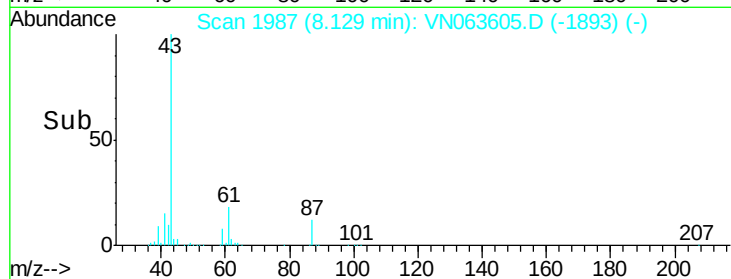
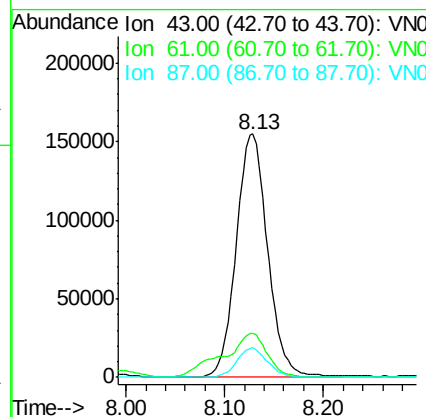
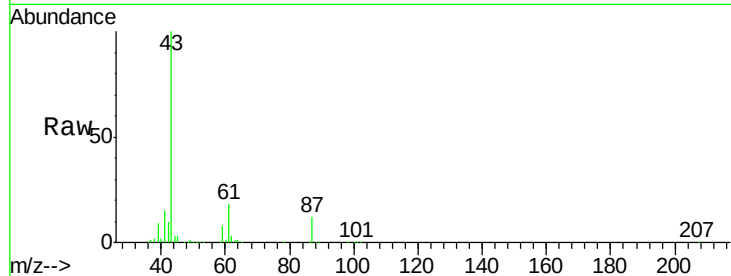
#43
Isopropyl Acetate
Concen: 42.276 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.1	14.2	21.2#
87	11.7	9.0	13.6

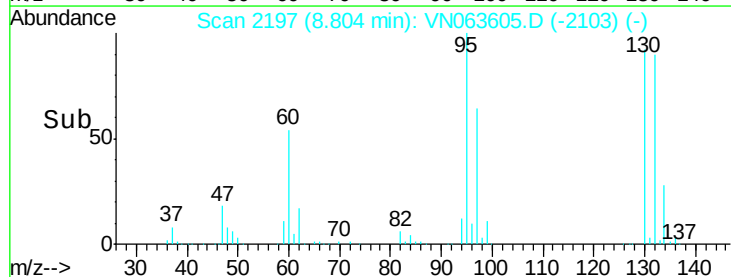
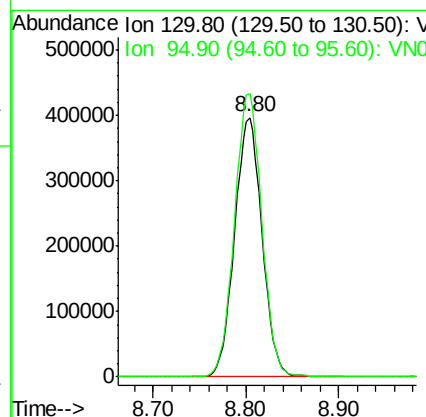
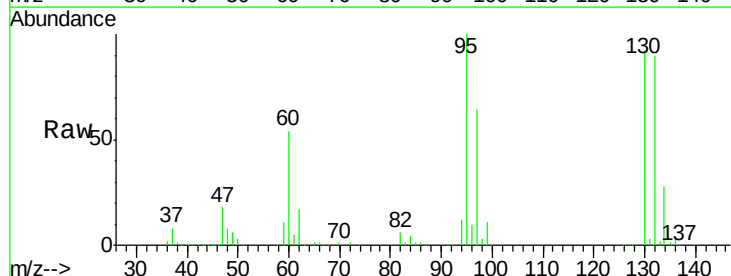
Manual Integrations
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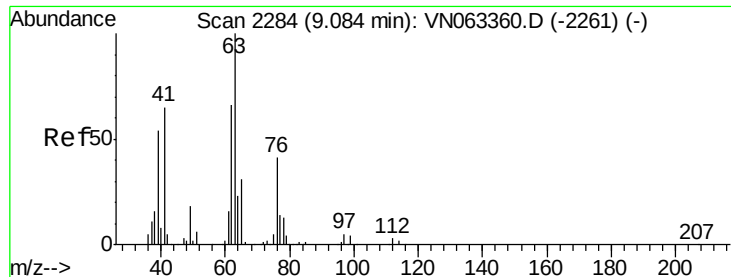
MMDadoda
9/24/2020 1:38:16 PM



#44
Trichloroethene
Concen: 254.781 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.0	0.0	217.4





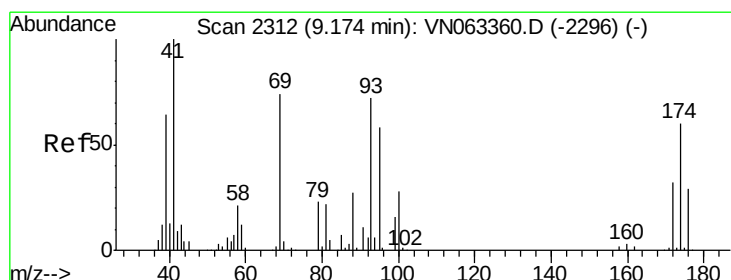
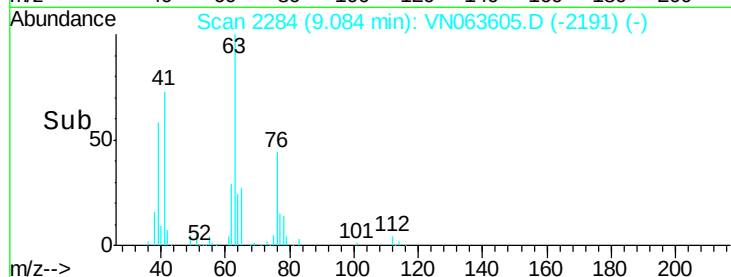
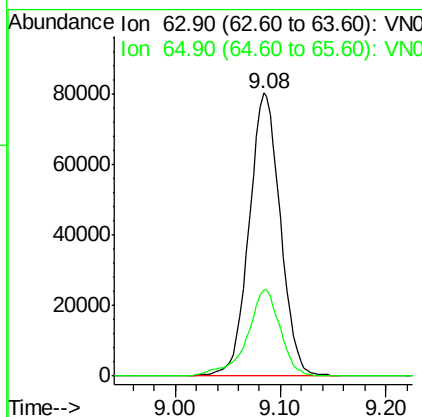
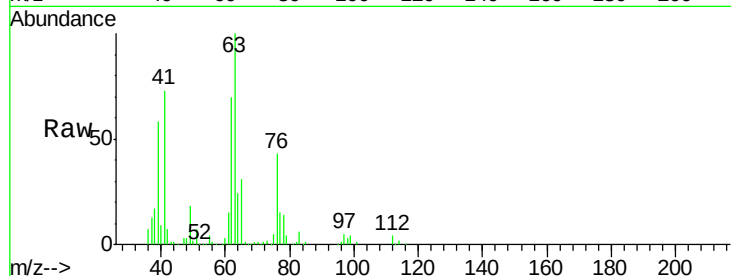
#45
 1,2-Dichloropropane
 Concen: 46.191 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion: 63 Resp: 166097
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.6

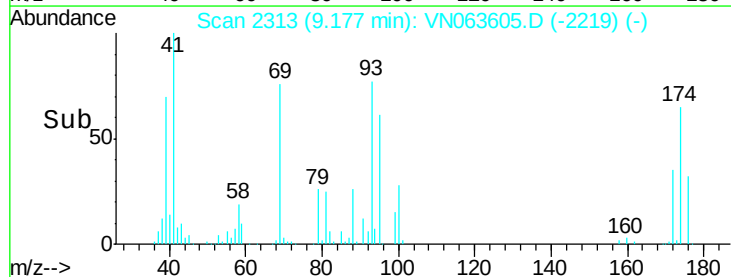
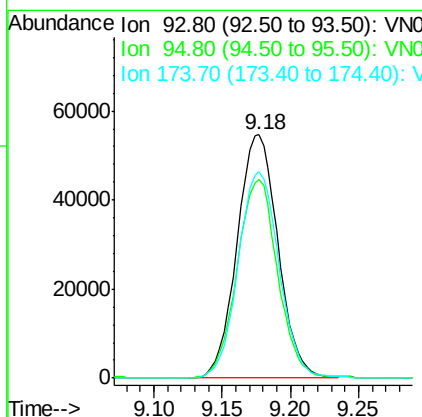
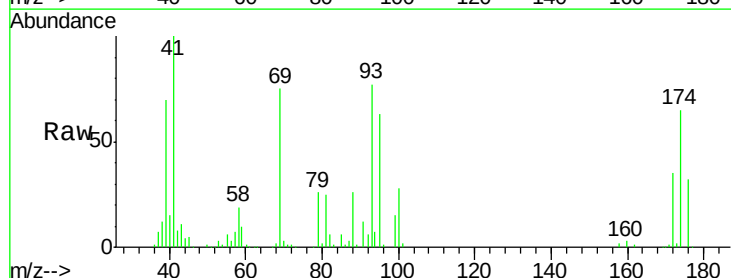
Manual Integrations
 APPROVED

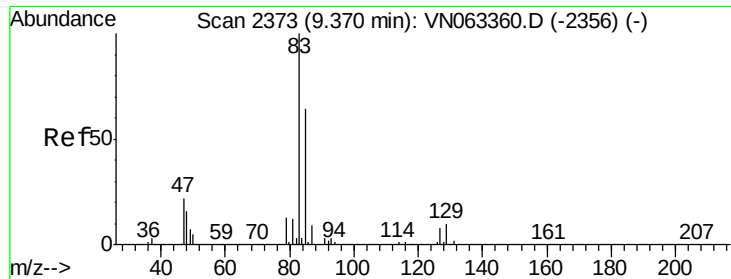
MMDadoda
 9/24/2020 1:38:16 PM



#46
 Dibromomethane
 Concen: 48.156 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion: 93 Resp: 113813
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.6 98.4
 174 85.0 68.1 102.1





#47

Bromodichloromethane

Concen: 48.089 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

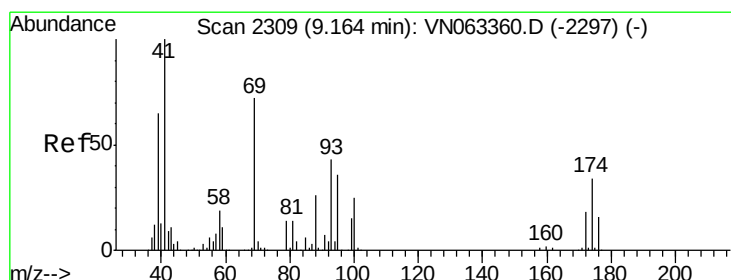
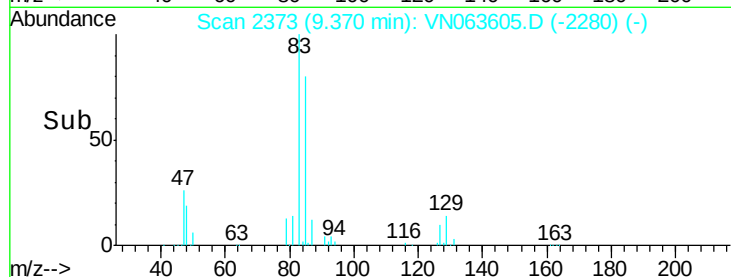
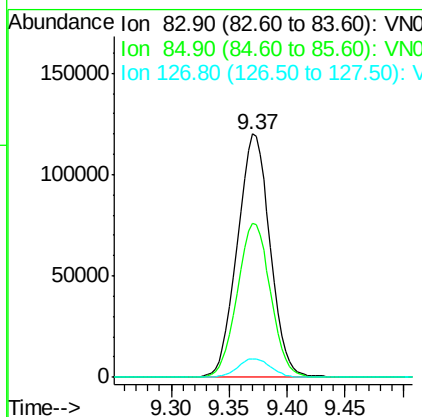
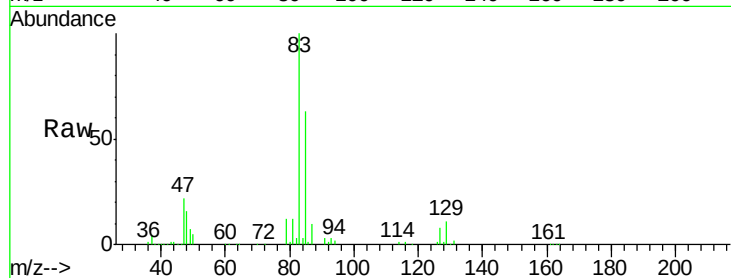
ClientSampleId :

RE131D1-20200916MSD

Tot Ion:	83	Resp:	236113
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.0	76.6
127	7.8	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.123 ug/l

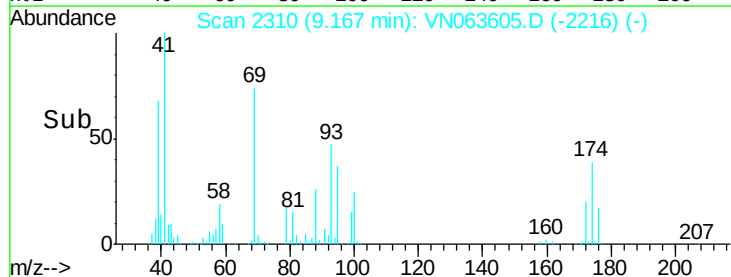
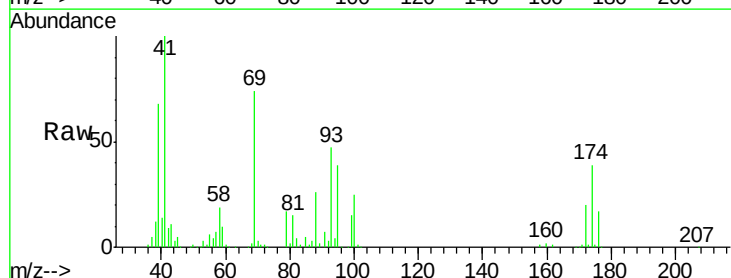
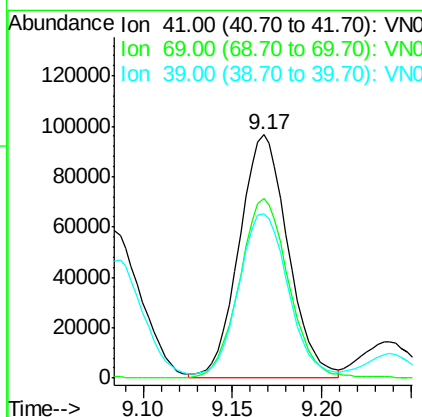
RT: 9.17 min Scan# 2310

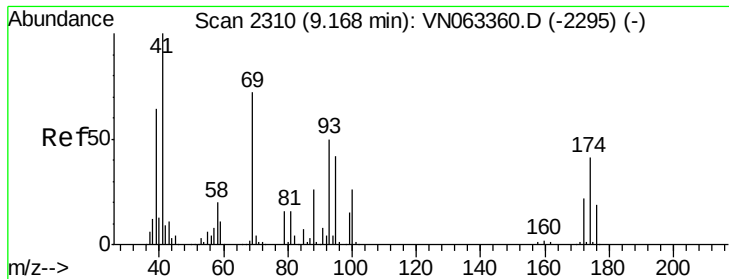
Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Tgt Ion:	41	Resp:	183931
Ion	Ratio	Lower	Upper
41	100		
69	74.9	59.3	88.9
39	68.6	52.9	79.3





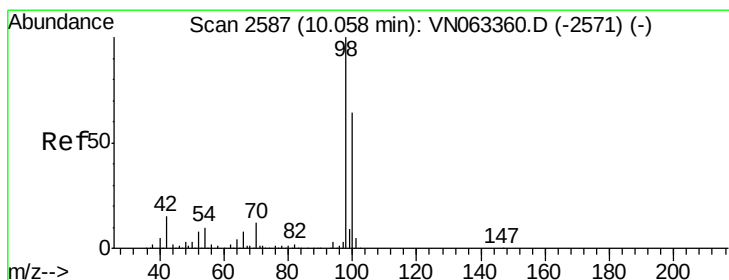
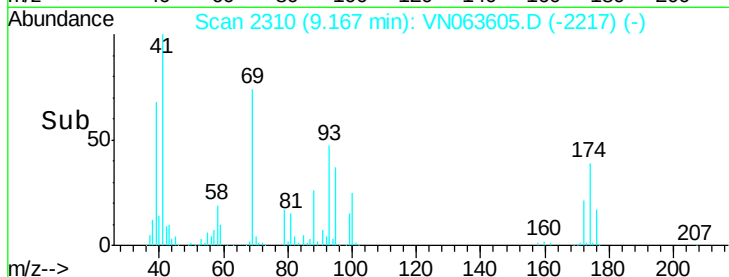
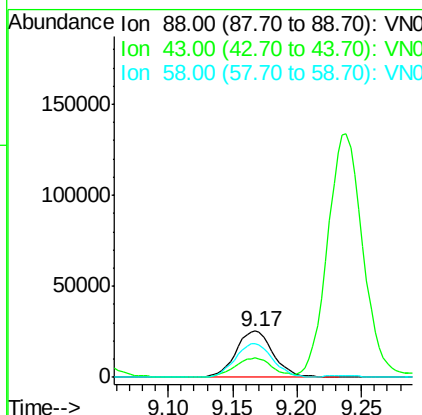
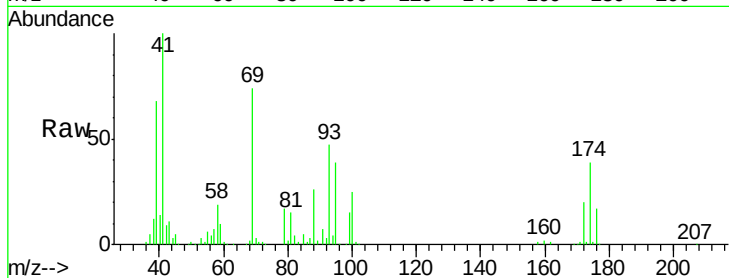
#49
1,4-Dioxane
Concen: 899.274 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	88	Resp	51463
Ion	Ratio	Lower	Upper
88	100		
43	39.0	32.6	49.0
58	73.4	60.0	90.0

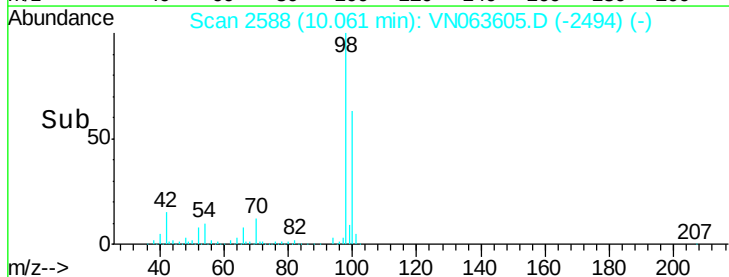
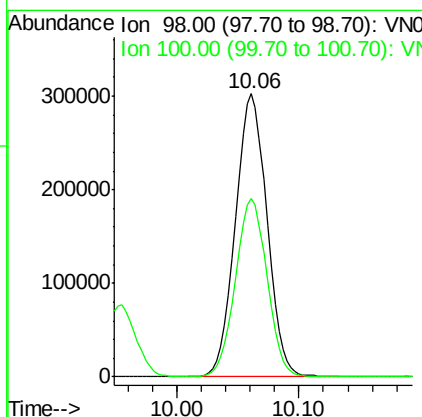
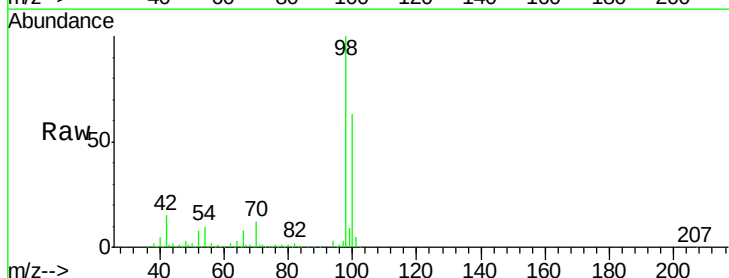
Manual Integrations
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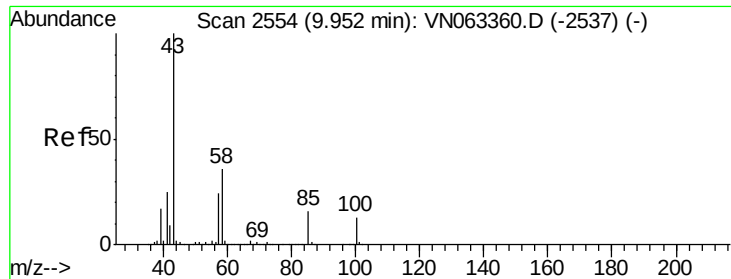
MMDadoda
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#50
Toluene-d8
Concen: 47.997 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	98	Resp	542405
Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 238.342 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion: 43 Resp: 1083032

Ion Ratio Lower Upper

43 100

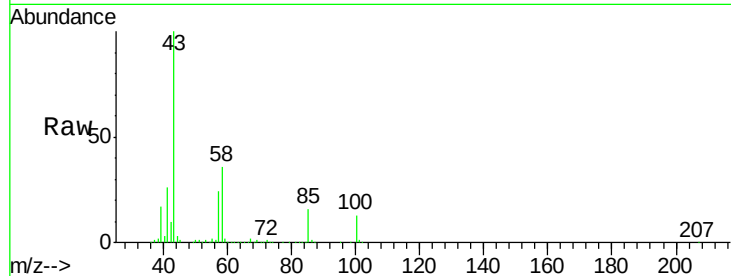
58 35.9 29.0 43.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

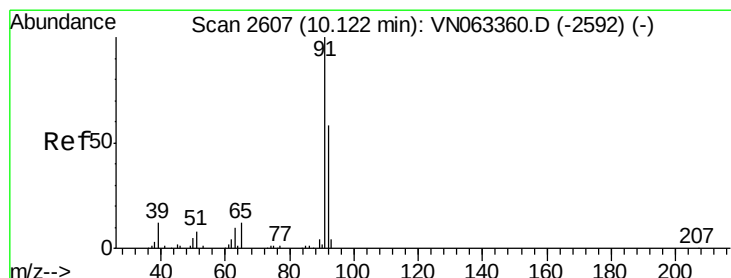
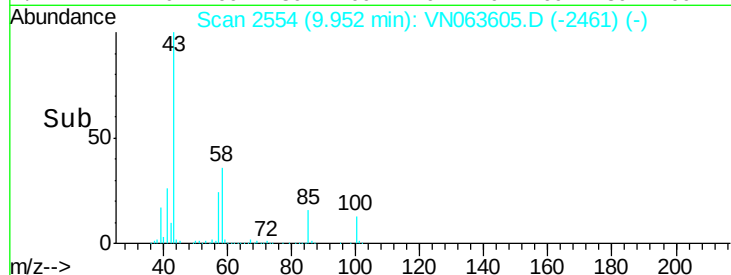
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.667 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063605.D

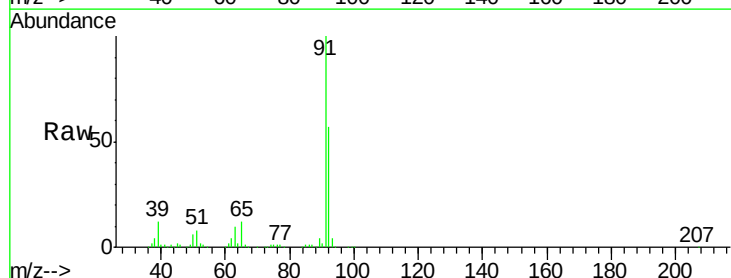
Acq: 23 Sep 2020 21:42

Tgt Ion: 92 Resp: 378380

Ion Ratio Lower Upper

92 100

91 175.7 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

400000

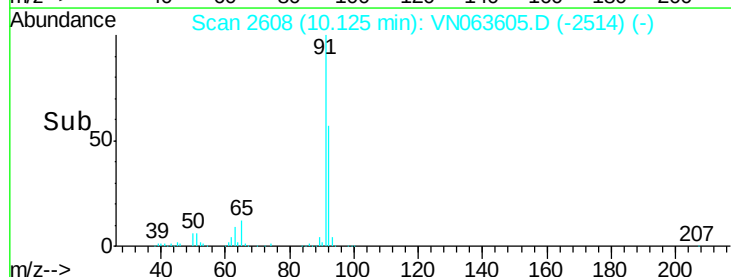
300000

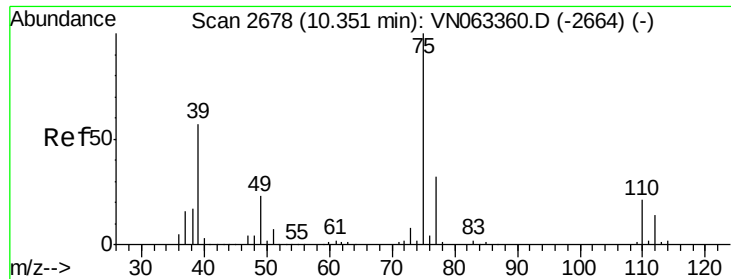
200000

100000

0

Time-->





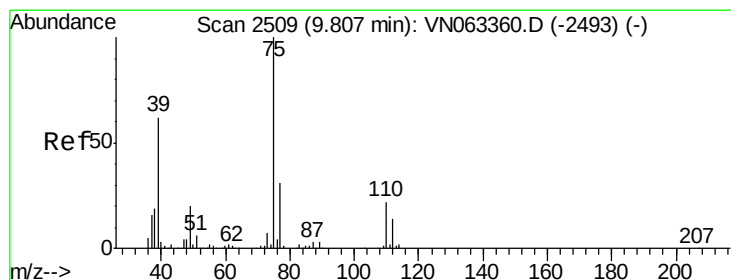
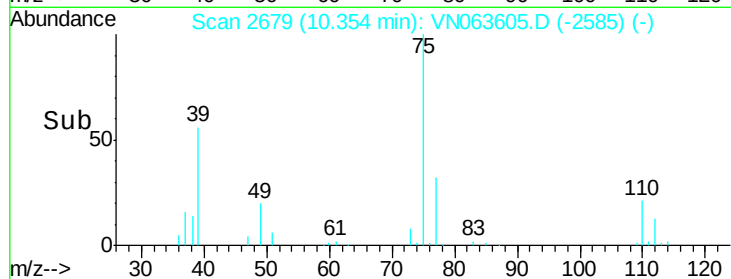
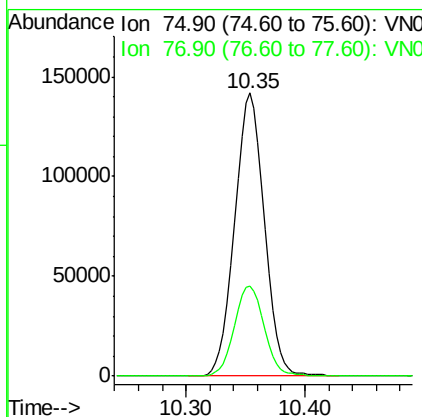
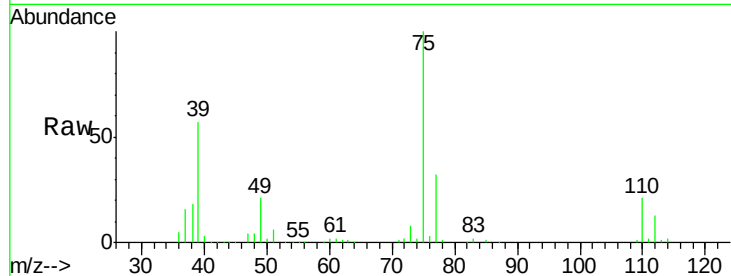
#53
t-1,3-Dichloropropene
Concen: 44.785 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion: 75 Resp: 245483
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

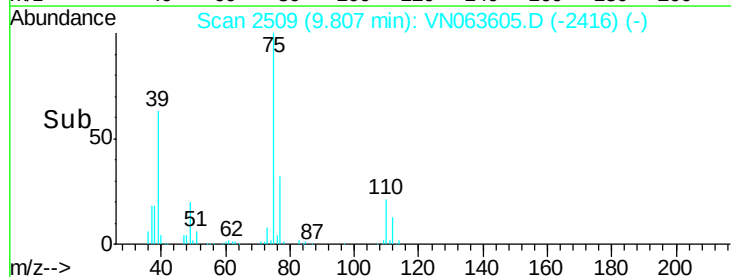
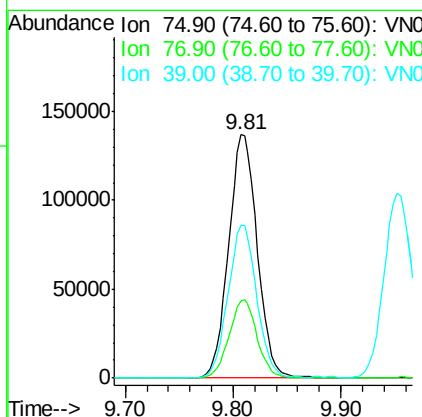
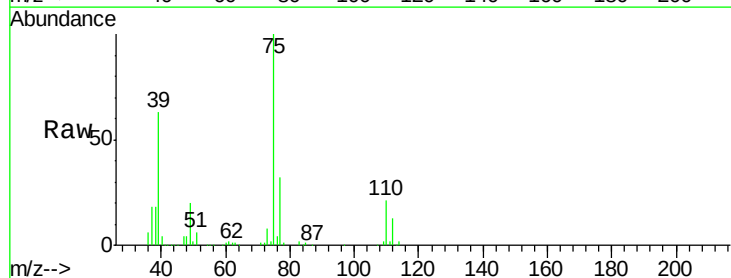
Manual Integrations
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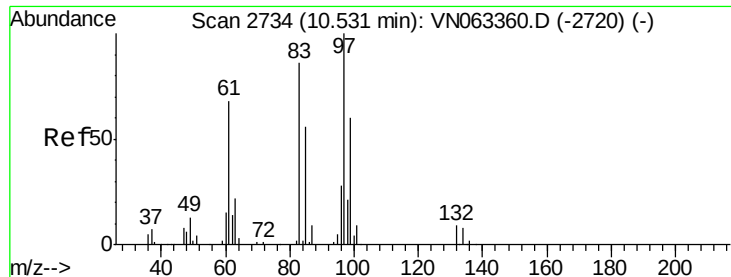
MMDadoda
9/24/2020 1:38:16 PM



#54
cis-1,3-Dichloropropene
Concen: 43.942 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 75 Resp: 254061
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0
39 62.6 49.8 74.8





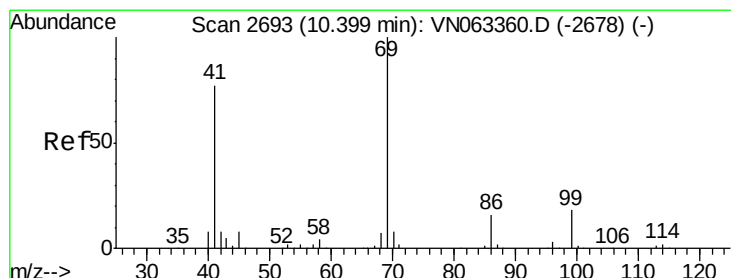
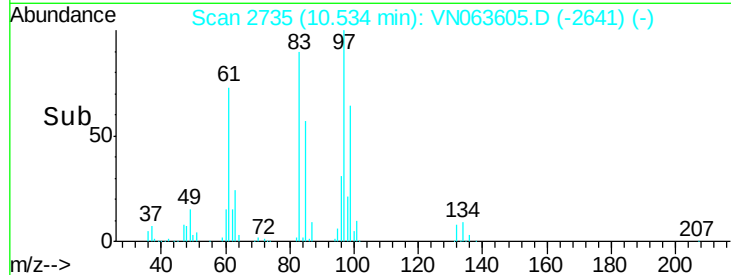
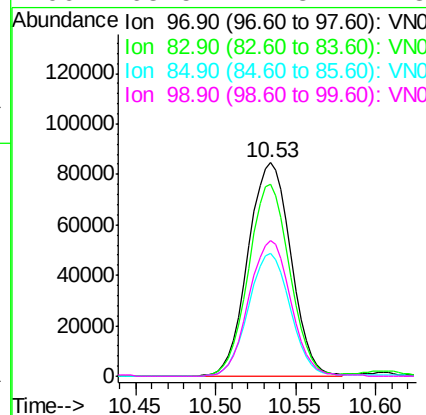
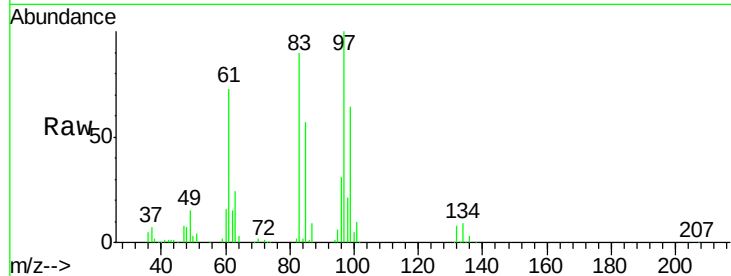
#55
 1,1,2-Trichloroethane
 Concen: 49.357 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion:	97	Resp:	155624
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.9	103.3
85	57.3	44.8	67.2
99	63.5	47.8	71.8

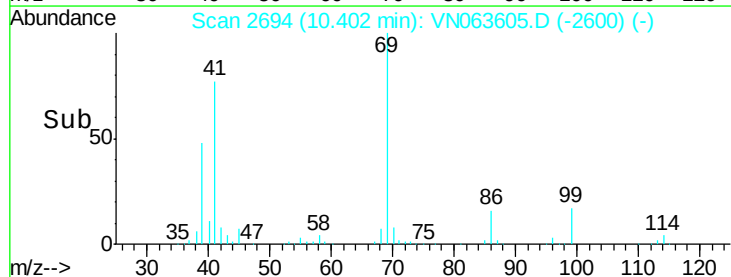
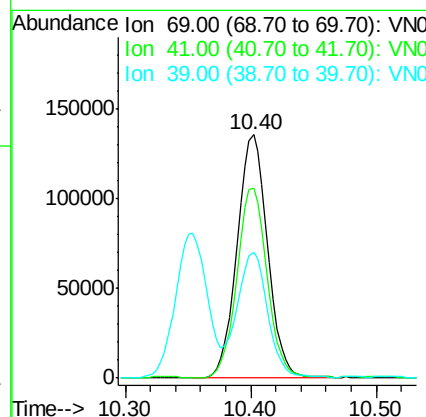
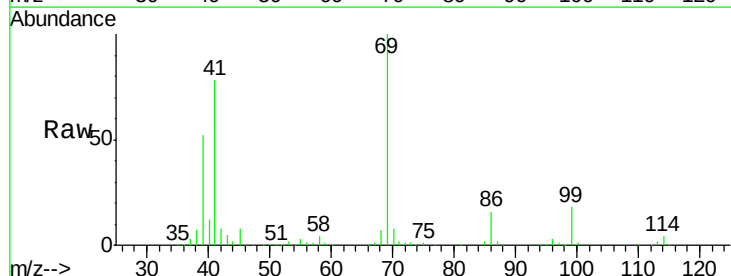
Manual Integrations
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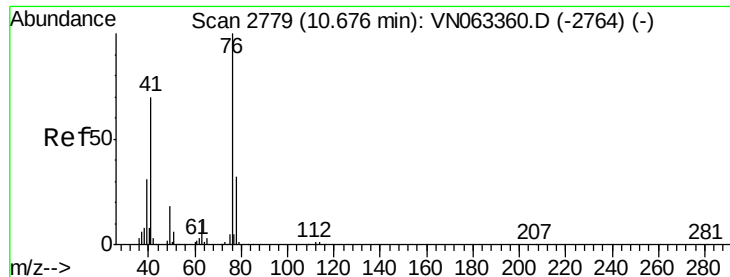
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#56
 Ethyl methacrylate
 Concen: 46.545 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion:	69	Resp:	229104
Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.0	91.6
39	51.9	39.2	58.8





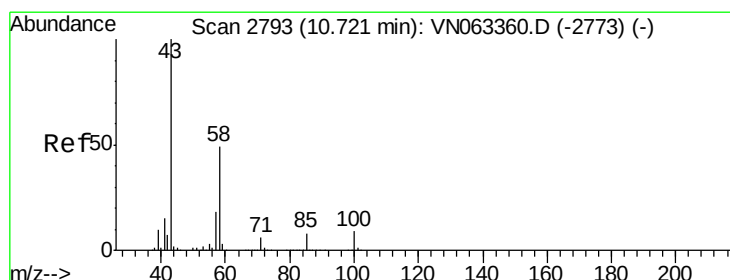
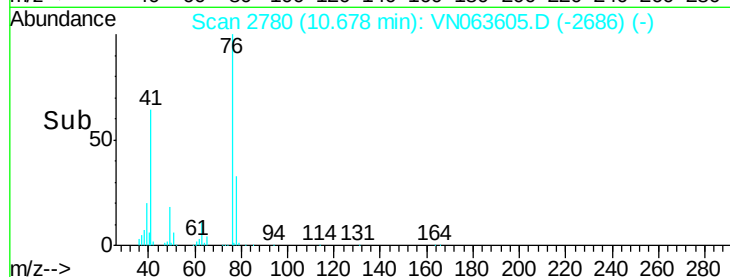
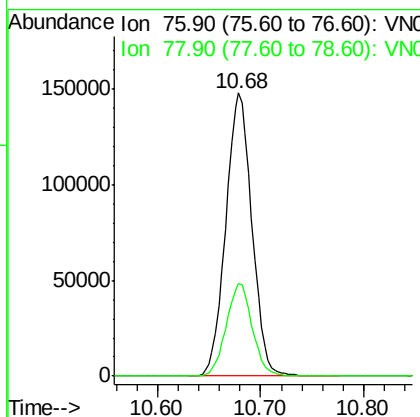
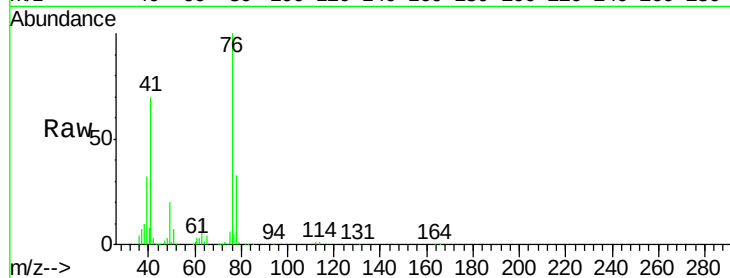
#57
 1,3-Dichloropropane
 Concen: 45.900 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

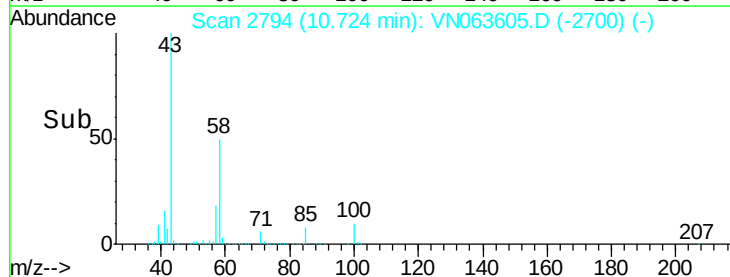
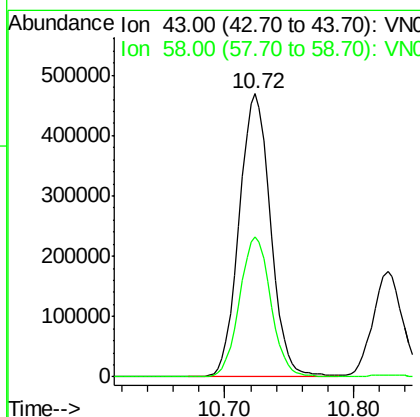
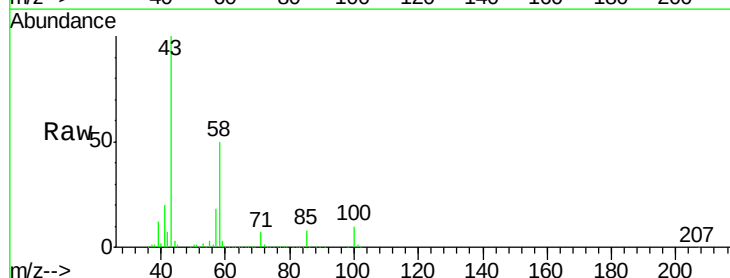
Manual Integrations
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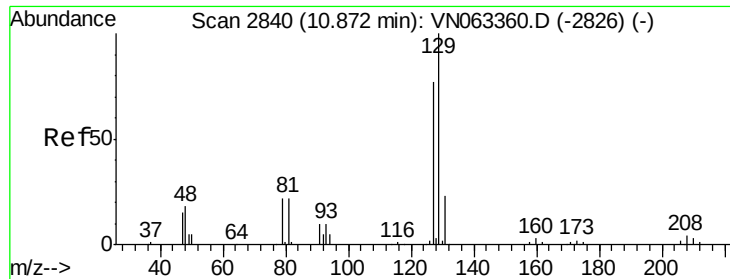
MMDadoda
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#59
 2-Hexanone
 Concen: 241.116 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.7	74.1





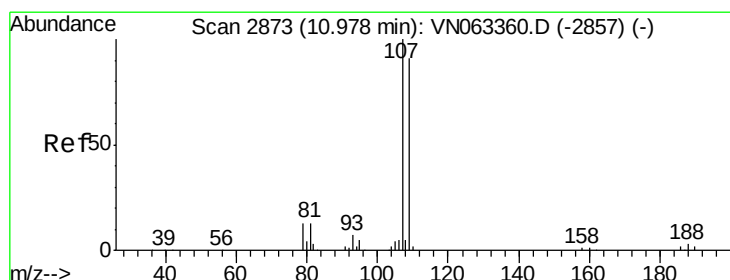
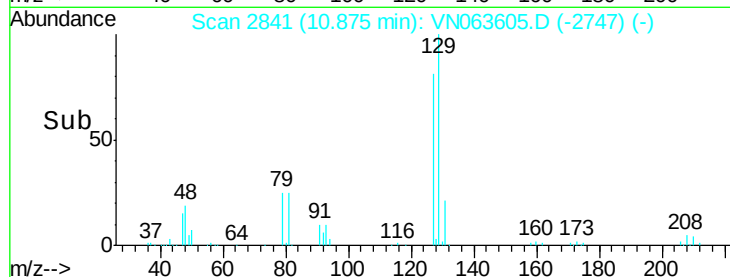
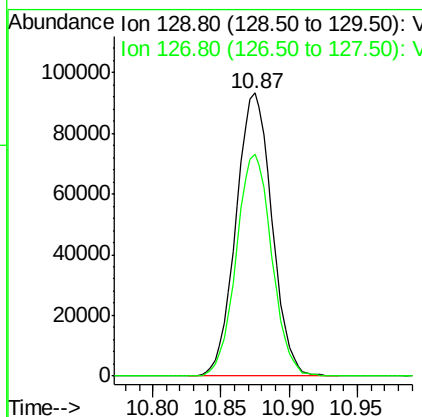
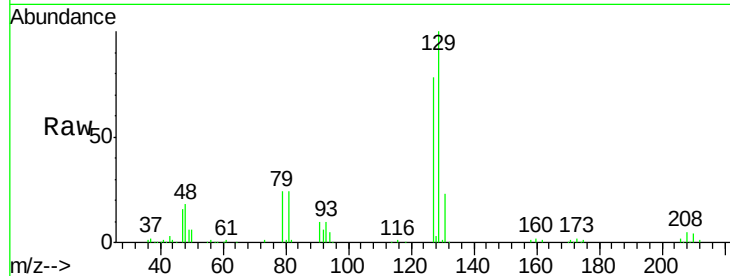
#60
Dibromochloromethane
Concen: 48.008 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion:129 Resp: 171007
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

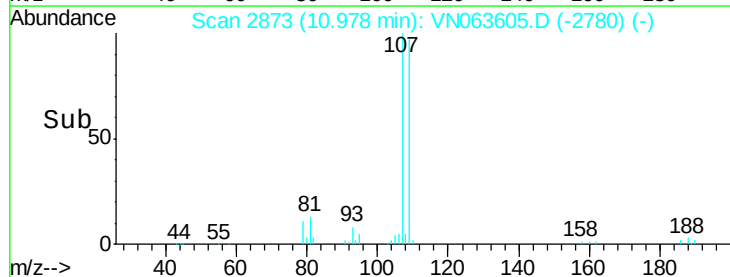
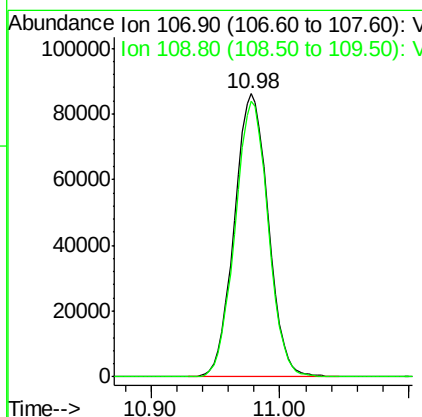
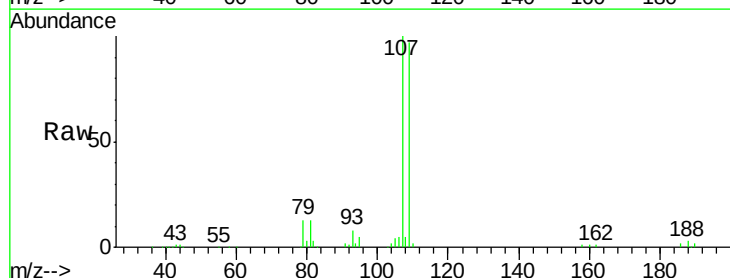
Manual Integrations
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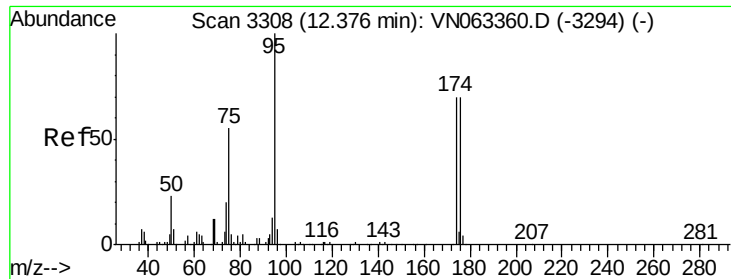
MMDadoda
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#61
1,2-Dibromoethane
Concen: 48.085 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion:107 Resp: 157513
Ion Ratio Lower Upper
107 100
109 95.1 74.6 111.8





#62

4-Bromofluorobenzene

Concen: 49.819 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

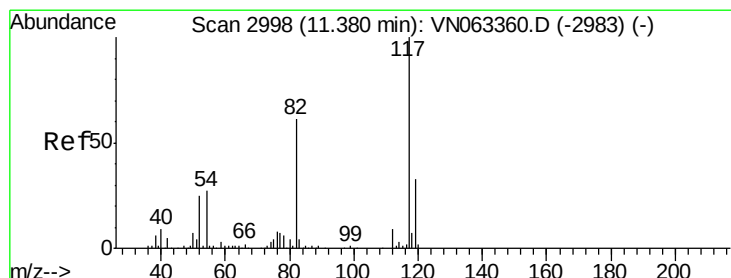
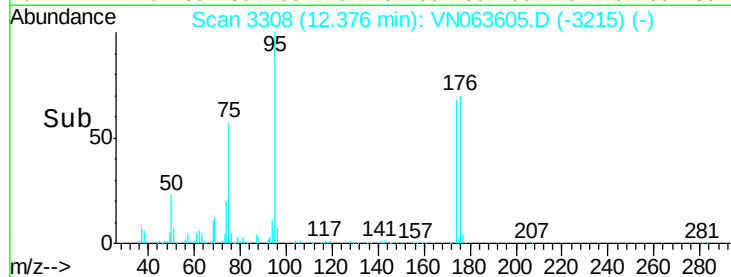
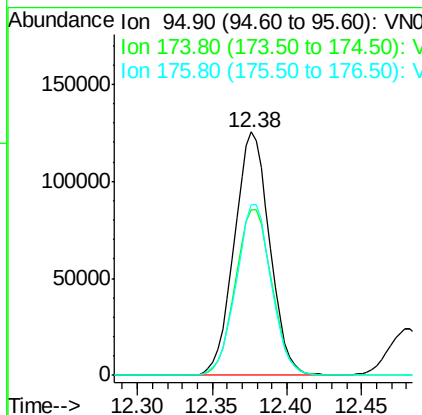
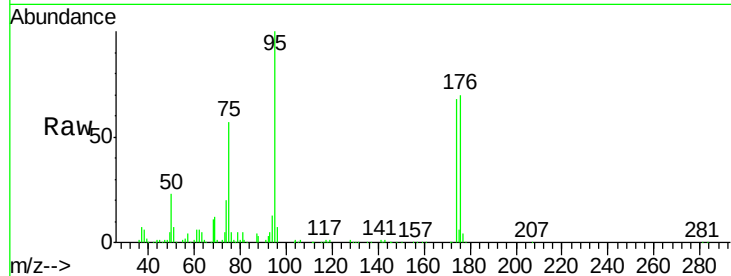
ClientSampleId :

RE131D1-20200916MSD

Tot Ion:	95	Resp:	206385
Ion Ratio	Lower	Upper	
95	100		
174	70.4	0.0	140.8
176	69.9	0.0	137.6

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

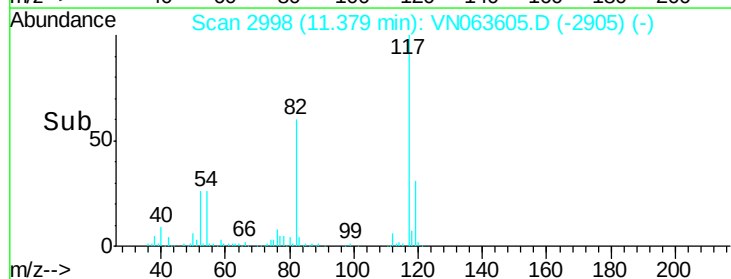
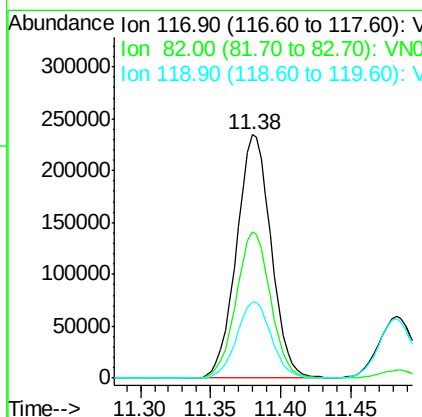
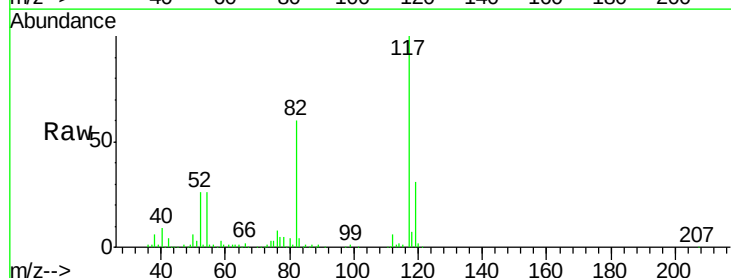
RT: 11.38 min Scan# 2998

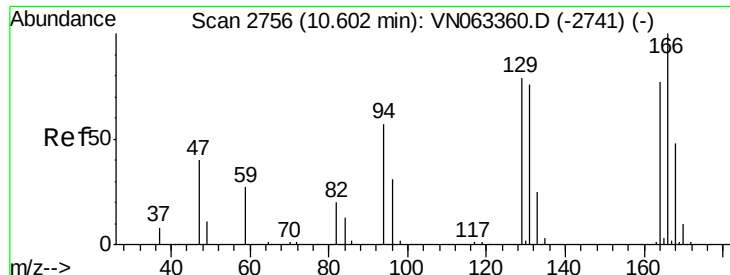
Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Tgt Ion:	117	Resp:	402961
Ion Ratio	Lower	Upper	
117	100		
82	60.3	49.2	73.8
119	31.2	26.2	39.4





#64

Tetrachloroethene

Concen: 63.953 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion:164 Resp: 175478

Ion Ratio Lower Upper

164 100

166 128.4 103.4 155.0

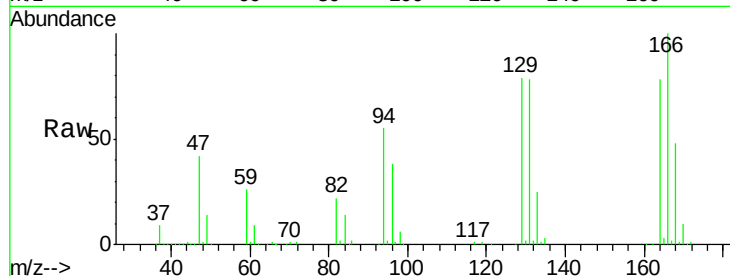
129 101.6 81.8 122.6

131 99.9 78.2 117.4

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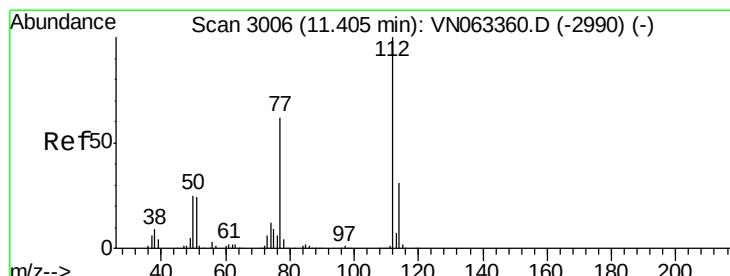
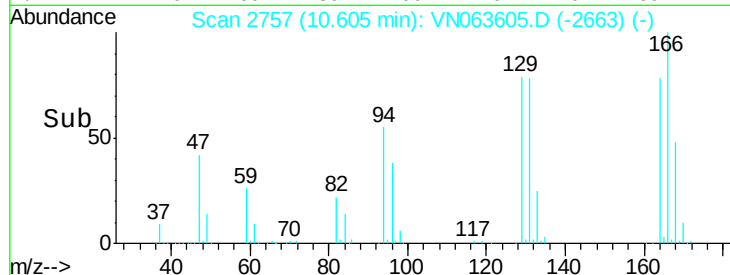
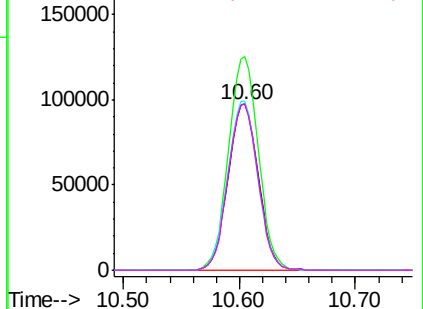
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 46.698 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063605.D

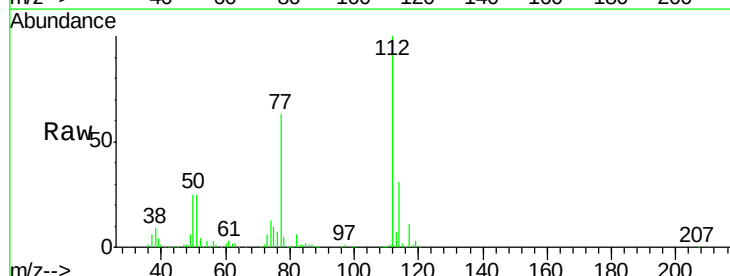
Acq: 23 Sep 2020 21:42

Tgt Ion:112 Resp: 399440

Ion Ratio Lower Upper

112 100

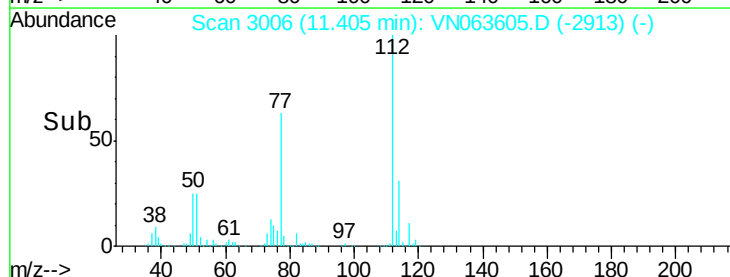
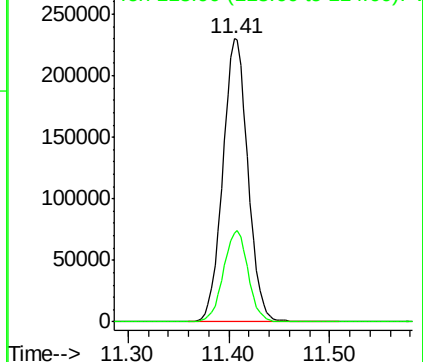
114 31.3 25.0 37.6

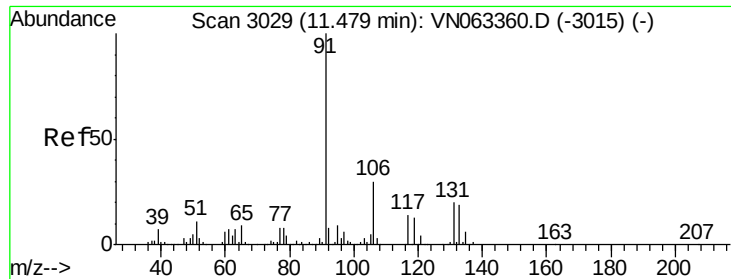


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





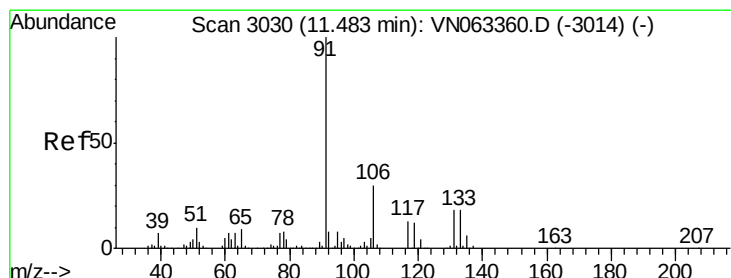
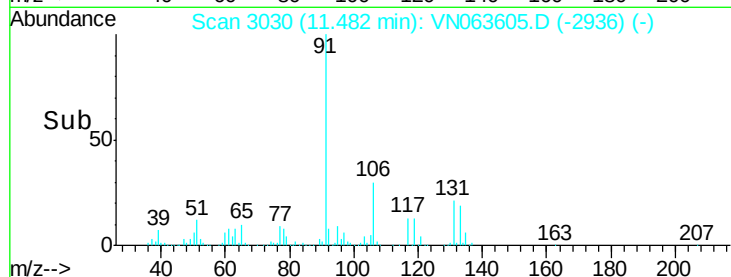
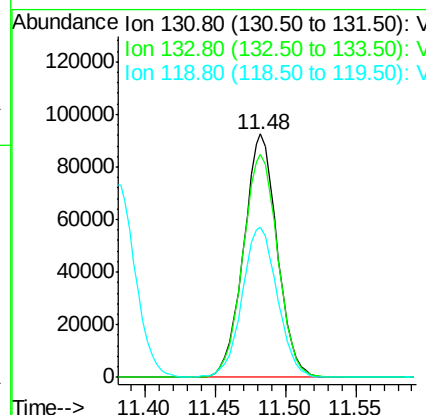
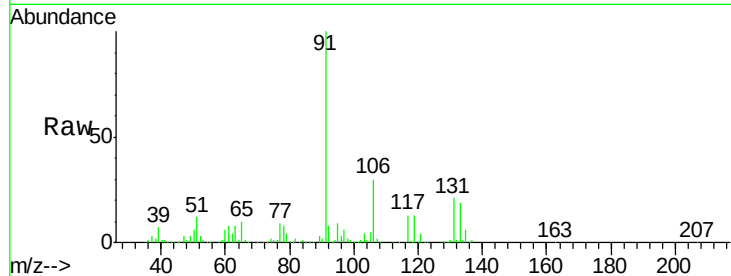
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.140 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	141.9
119	64.7	33.6	100.8

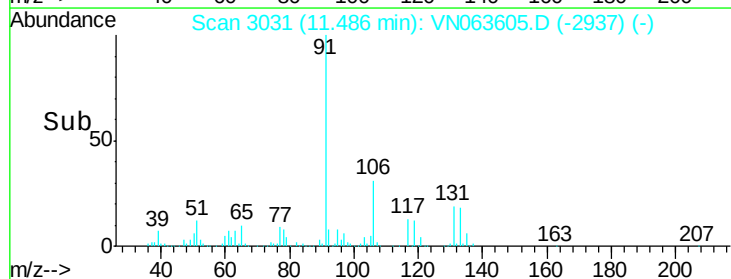
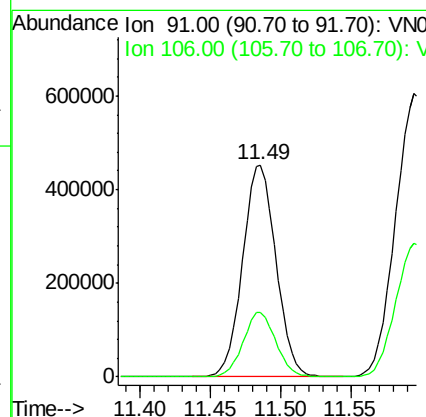
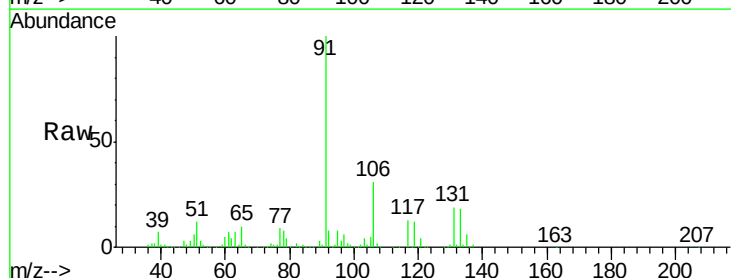
Manual Integrations
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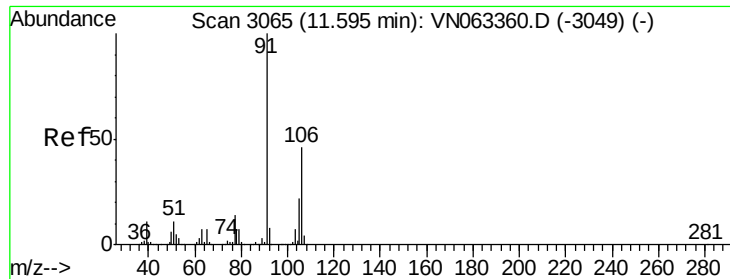
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#67
 Ethyl Benzene
 Concen: 46.685 ug/l
 RT: 11.49 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.6





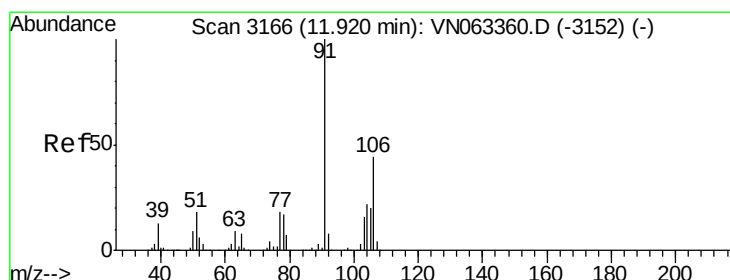
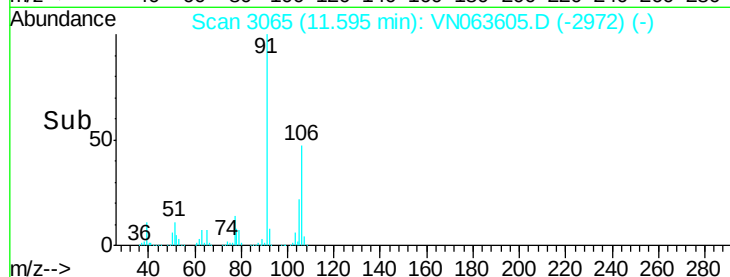
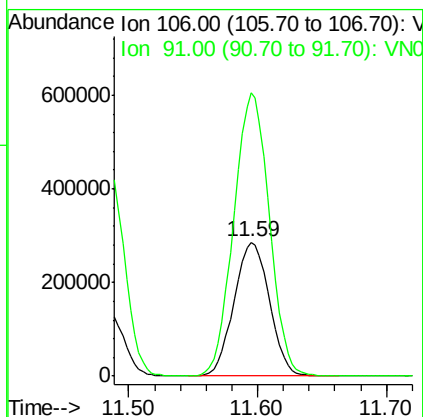
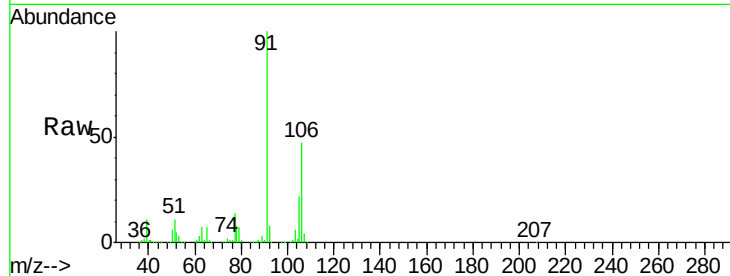
#68
m/p-Xylenes
Concen: 94.179 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion:106 Resp: 546975
Ion Ratio Lower Upper
106 100
91 211.9 171.2 256.8

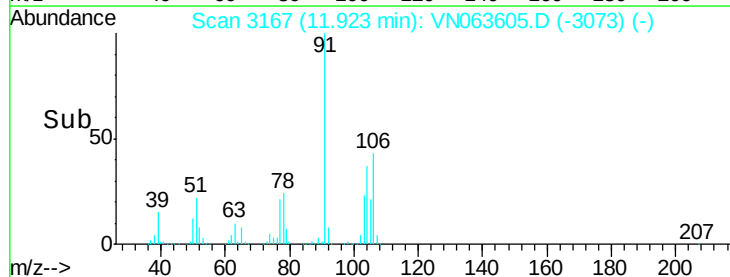
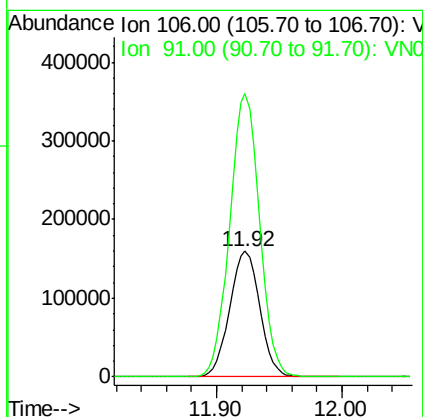
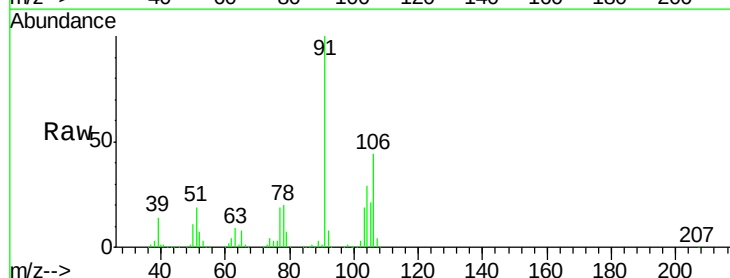
Manual Integrations
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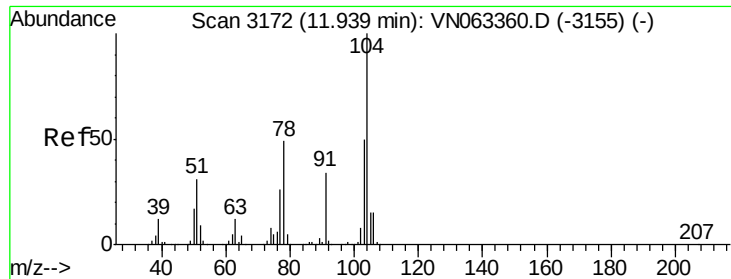
MMDadoda
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#69
o-Xylene
Concen: 47.970 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion:106 Resp: 265398
Ion Ratio Lower Upper
106 100
91 223.3 113.6 340.8





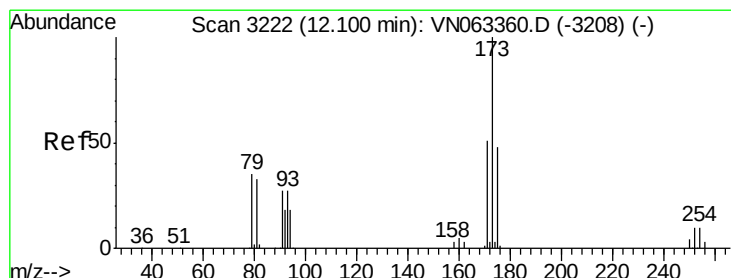
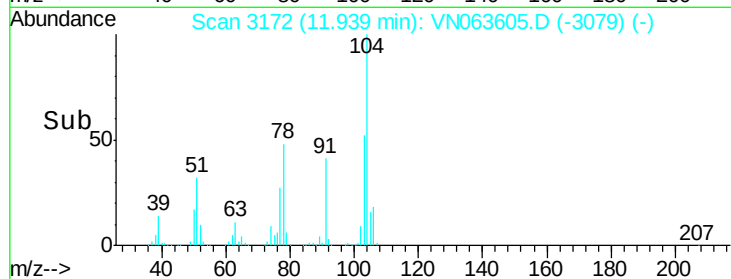
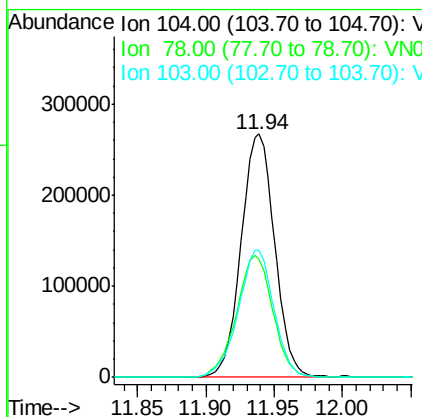
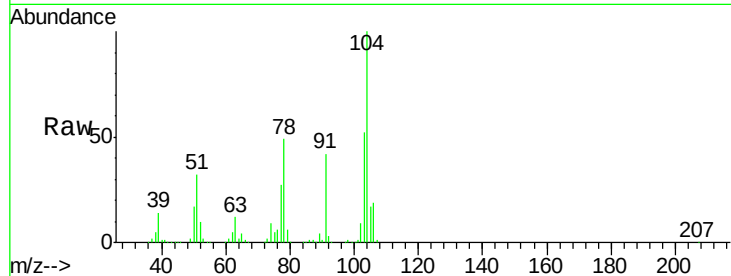
#70
Stvrene
Concen: 49.199 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	456475		
78	54.3		44.4	66.6
103	55.5		43.7	65.5

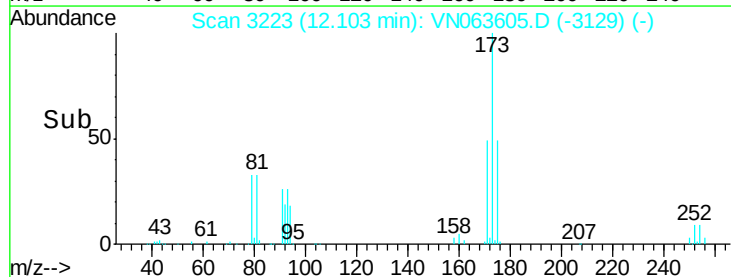
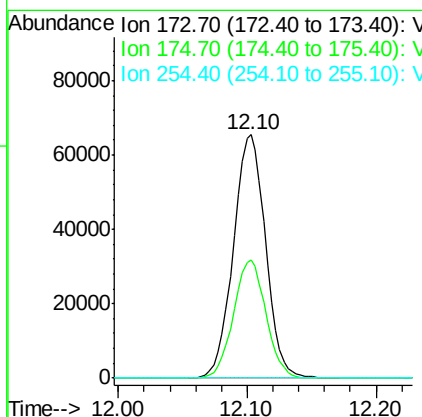
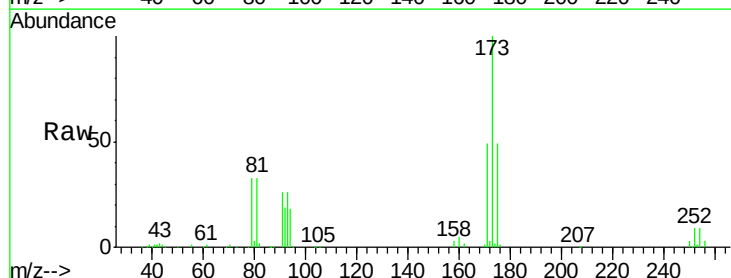
Manual Integrations
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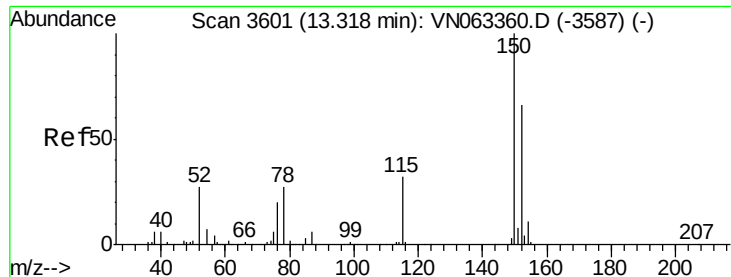
MMDadoda
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#71
Bromoform
Concen: 48.558 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	113425		
175	48.7		24.0	72.0
254	0.0		0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion:152 Resp: 196145

Ion Ratio Lower Upper

152 100

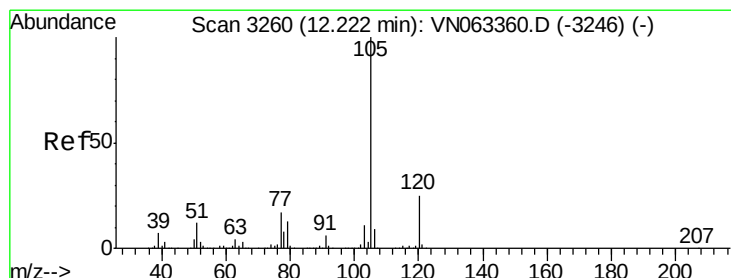
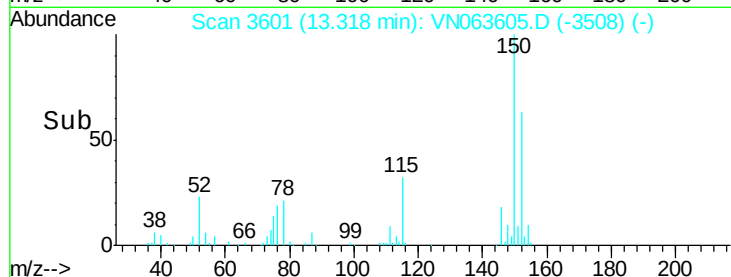
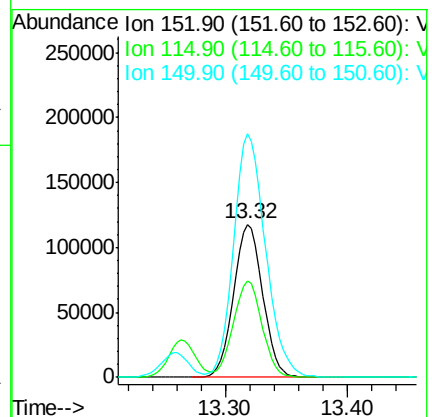
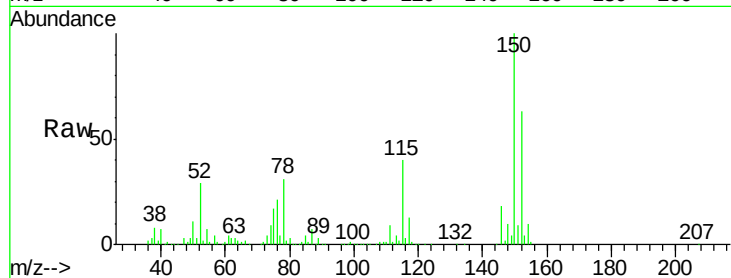
115 62.1 32.2 96.6

150 173.4 0.0 343.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 45.184 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063605.D

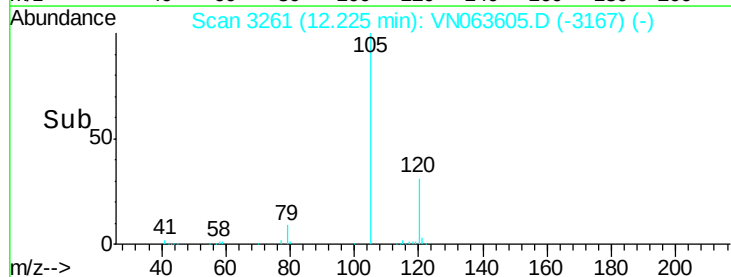
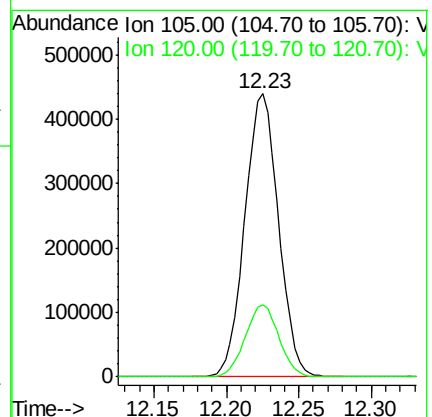
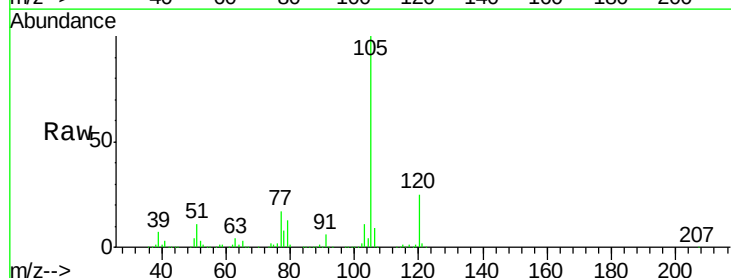
Acq: 23 Sep 2020 21:42

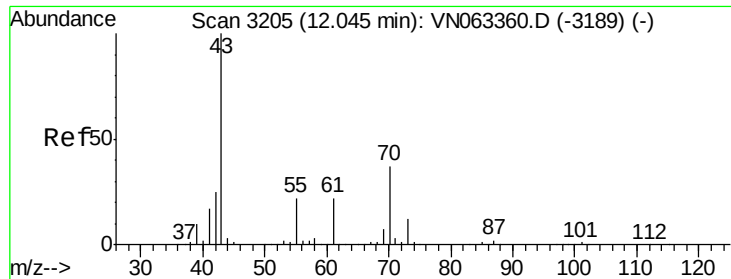
Tgt Ion:105 Resp: 710195

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0





#74

N-amyl acetate

Concen: 40.183 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

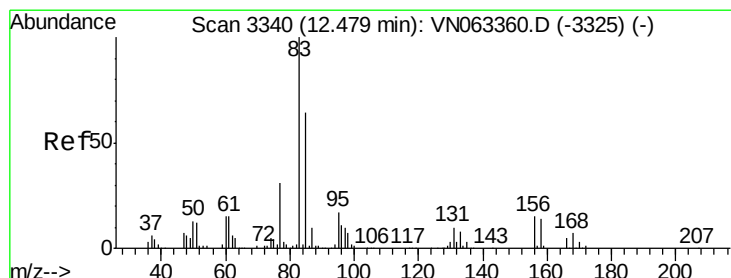
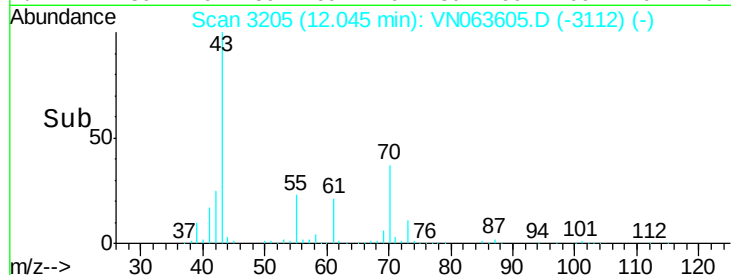
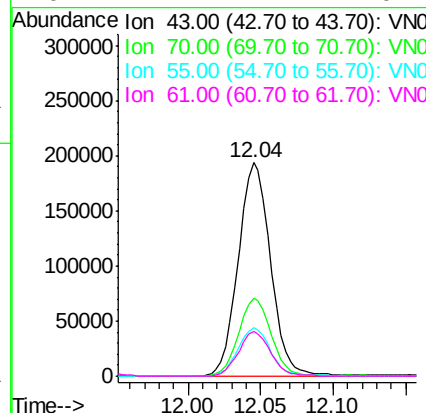
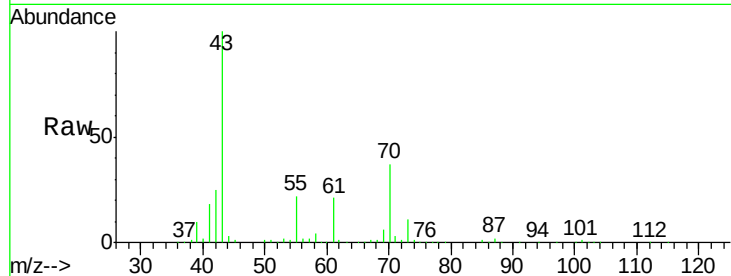
ClientSampleId :

RE131D1-20200916MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		298981		
70	37.0	29.6	44.4		
55	23.1	17.7	26.5		
61	21.1	17.4	26.2		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 45.445 ug/l

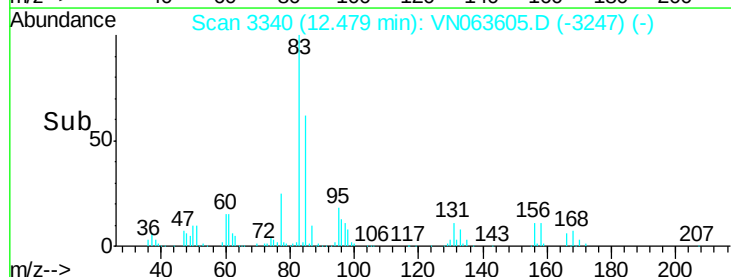
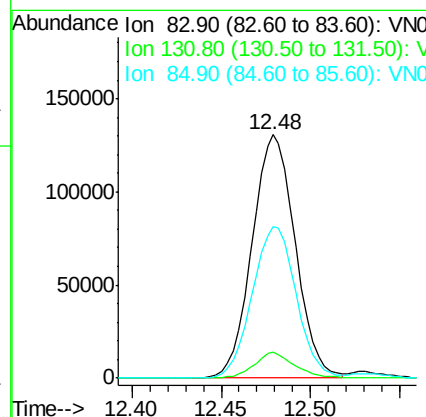
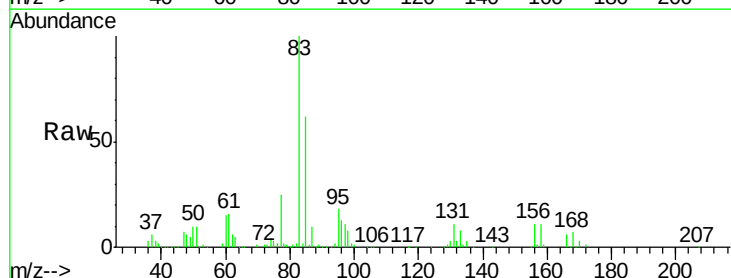
RT: 12.48 min Scan# 3340

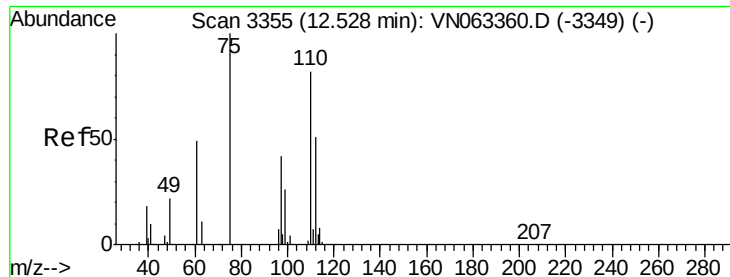
Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		221170		
131	10.0	4.9	14.7		
85	63.4	32.0	96.0		





#76

1,2,3-Trichloropropane

Concen: 43.349 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion: 75 Resp: 210454

Ion Ratio Lower Upper

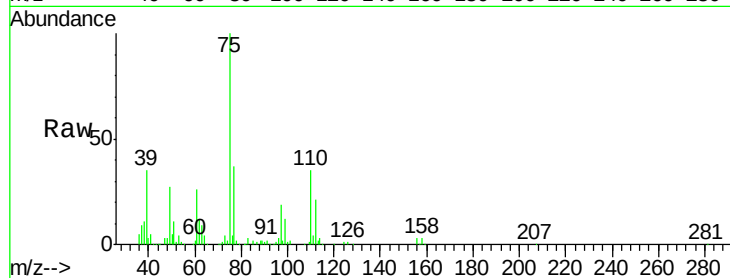
75 100

77 0.0 0.0 0.0

Manual Integrations
APPROVED

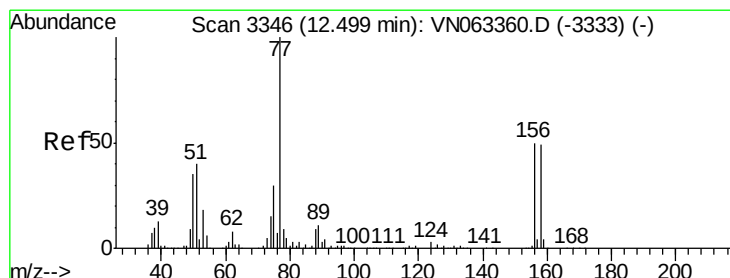
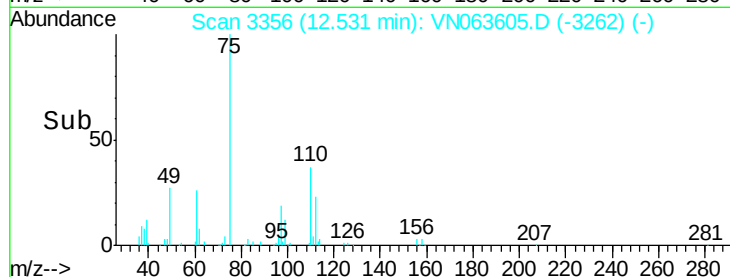
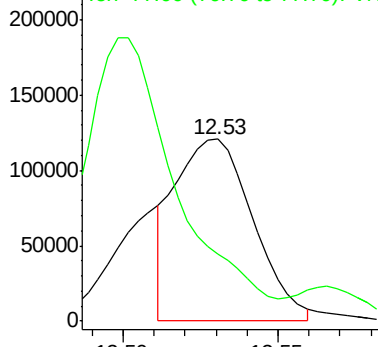
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 47.349 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

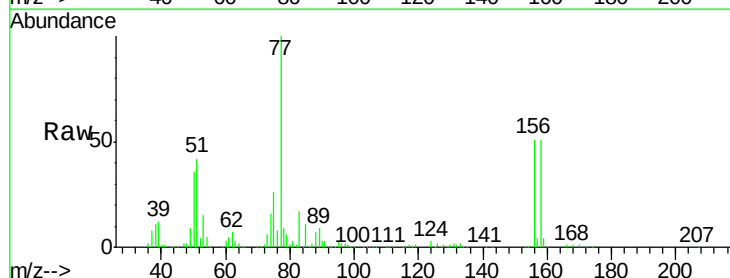
Tgt Ion: 156 Resp: 167408

Ion Ratio Lower Upper

156 100

77 235.1 120.2 360.6

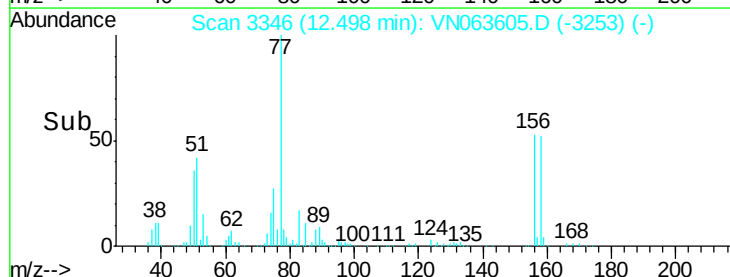
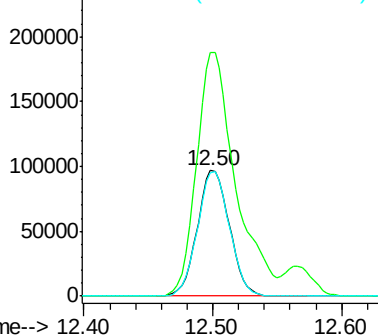
158 98.7 48.9 146.6

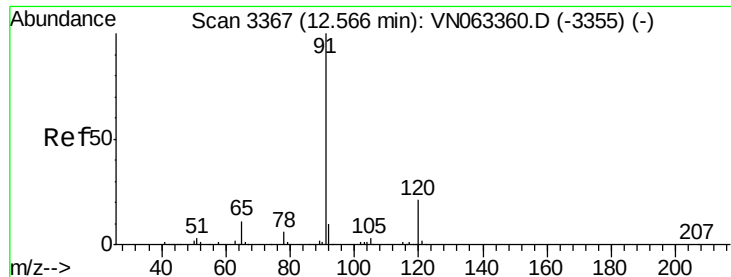


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 45.257 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion: 91 Resp: 828514

Ion Ratio Lower Upper

91 100

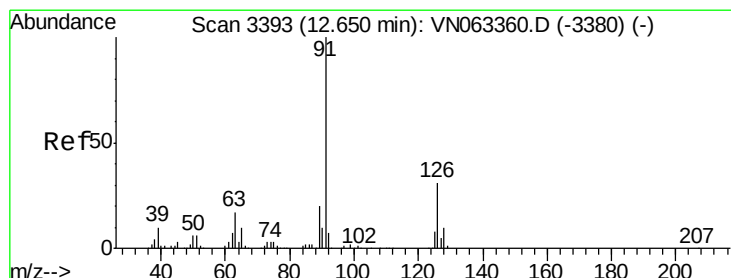
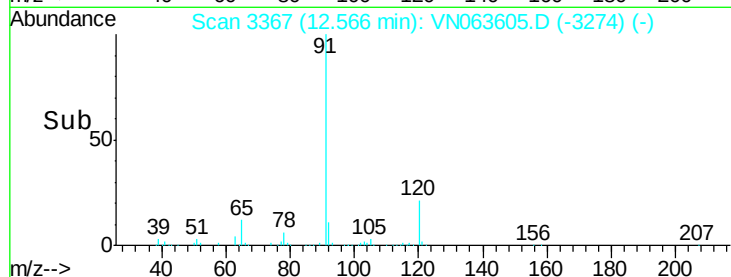
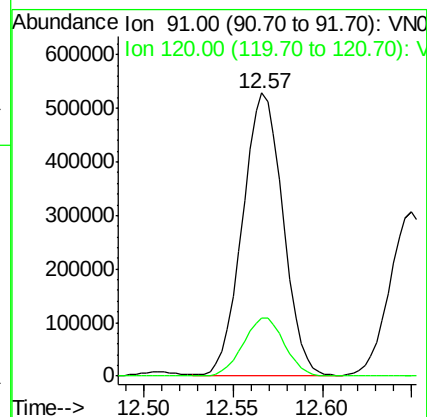
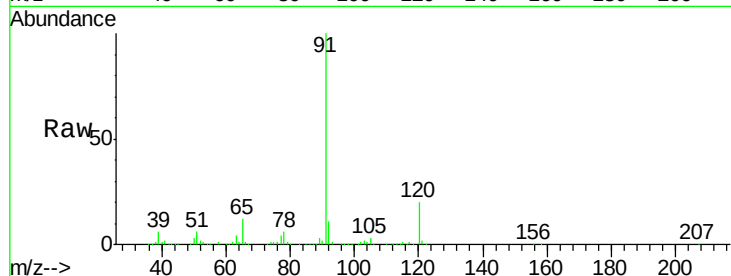
120 21.2 10.8 32.3

Manual Integrations

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#79

2-Chlorotoluene

Concen: 46.247 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063605.D

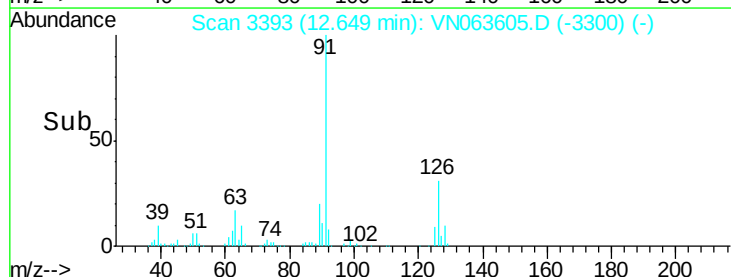
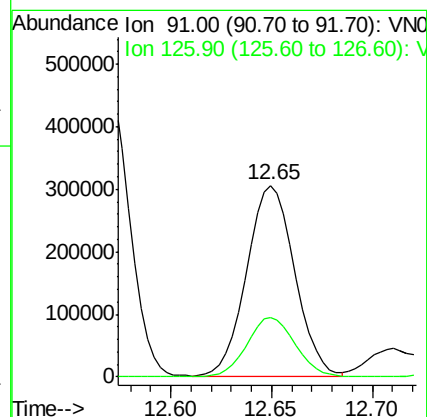
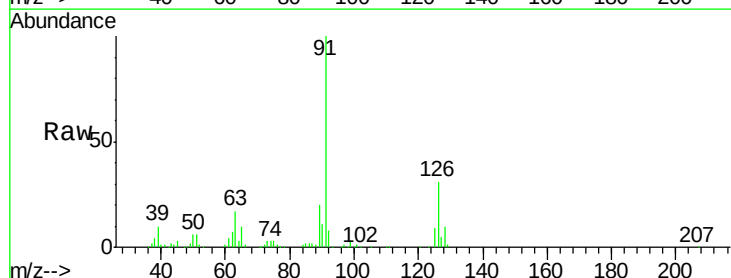
Acq: 23 Sep 2020 21:42

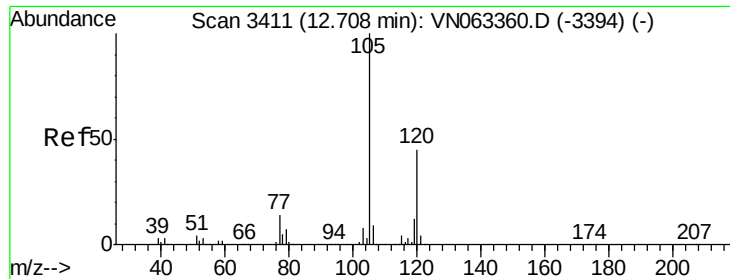
Tgt Ion: 91 Resp: 507521

Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.3





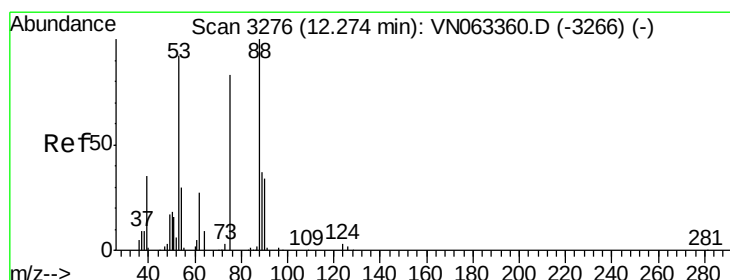
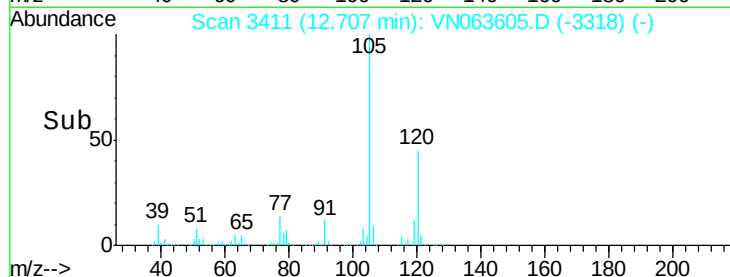
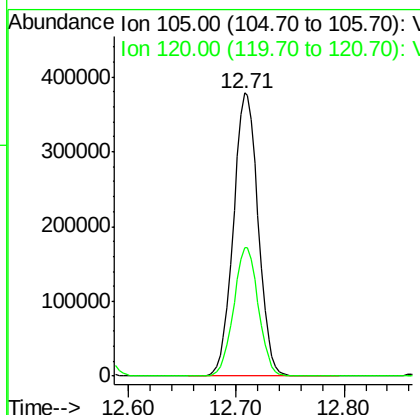
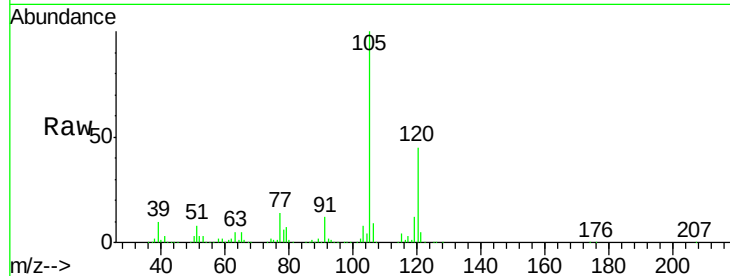
#80
 1,3,5-Trimethylbenzene
 Concen: 46.221 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100	605810		
120	45.4	22.9	68.8	

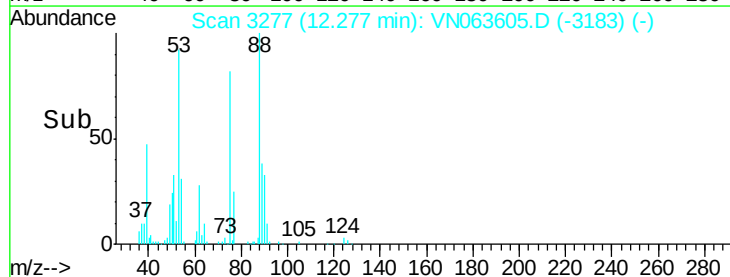
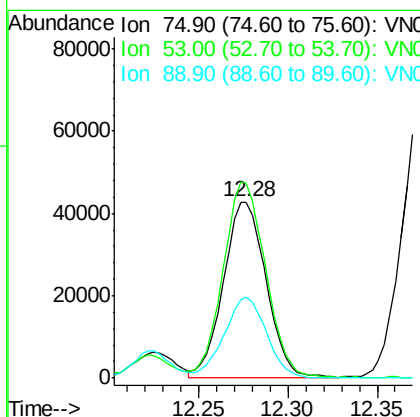
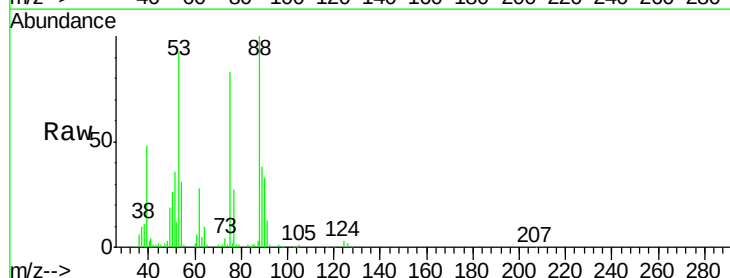
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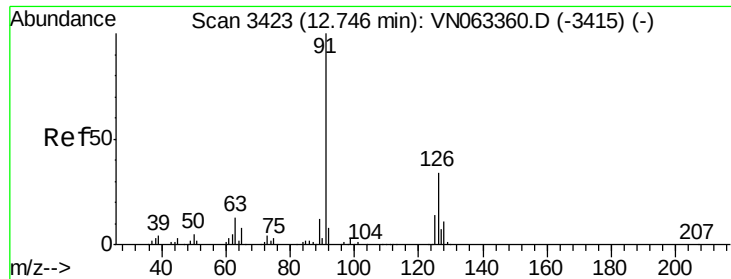
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.024 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70875		
53	110.7	85.7	128.5	
89	46.6	38.0	57.0	





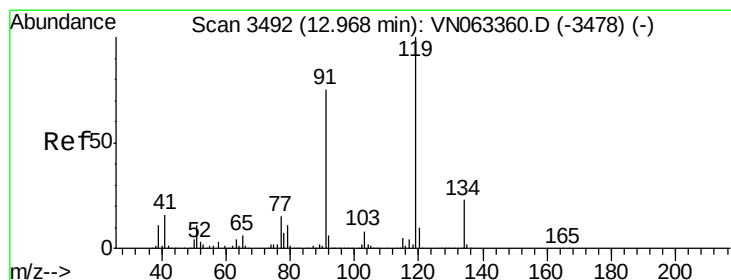
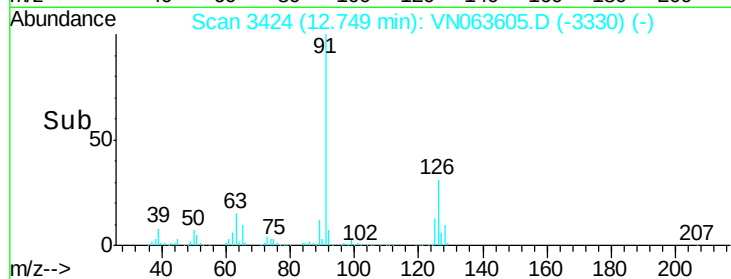
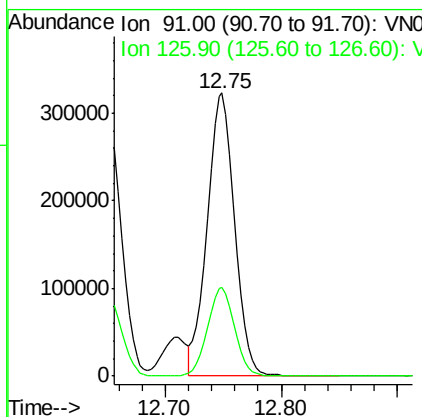
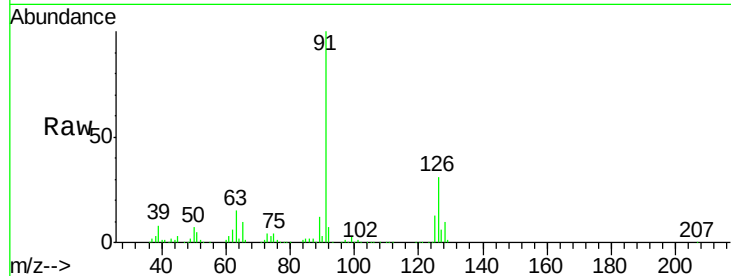
#82
4-Chlorotoluene
Concen: 46.002 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	533392		
126	30.8	15.5	46.5	

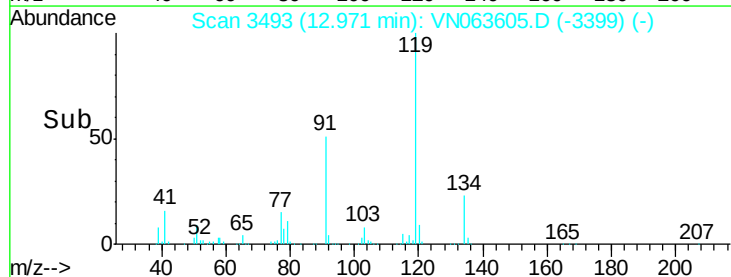
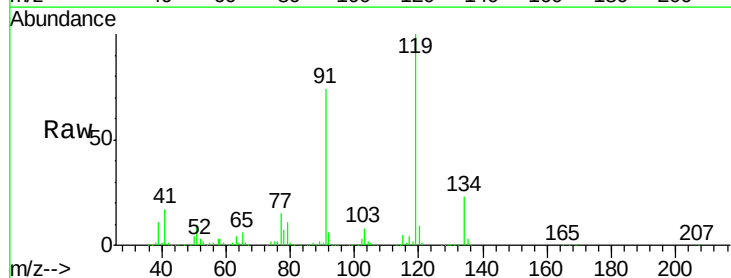
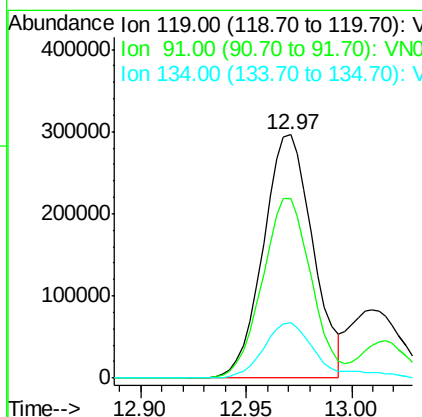
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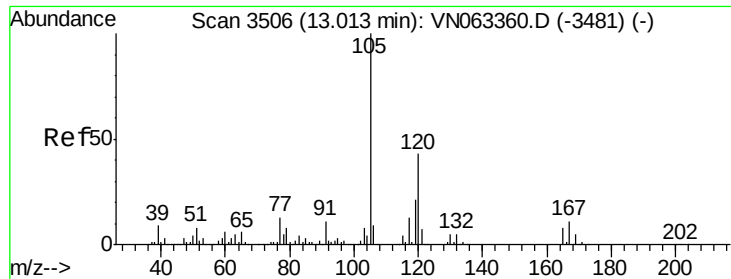
MMDadoda
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#83
tert-Butylbenzene
Concen: 44.712 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	483669		
91	72.9	36.3	108.9	
134	24.7	12.3	36.8	





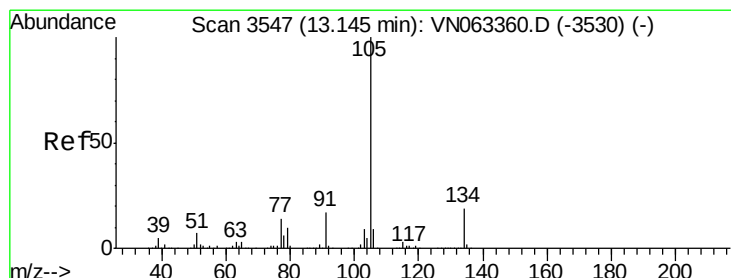
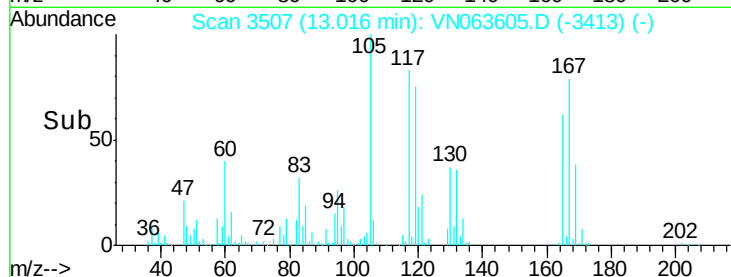
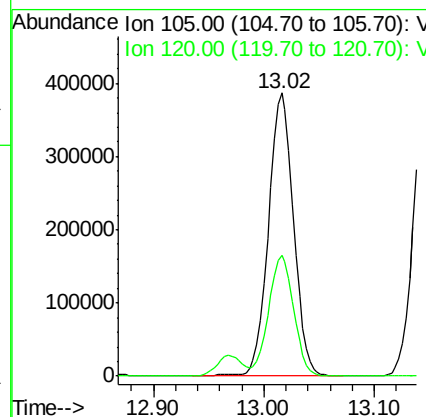
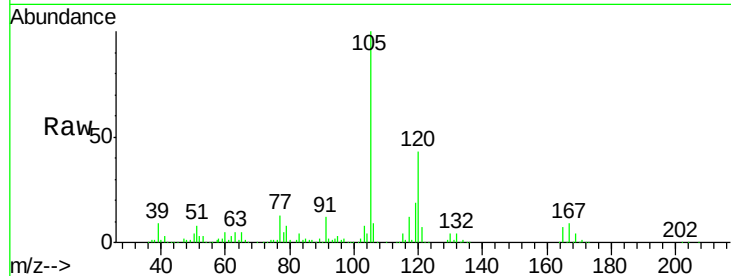
#84
 1,2,4-Trimethylbenzene
 Concen: 46.052 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.5	21.3	63.9

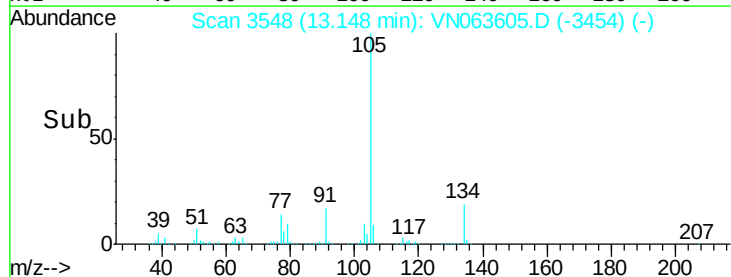
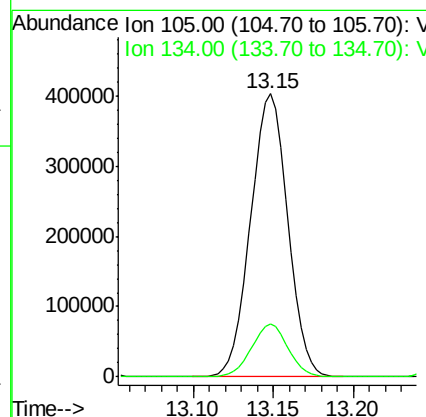
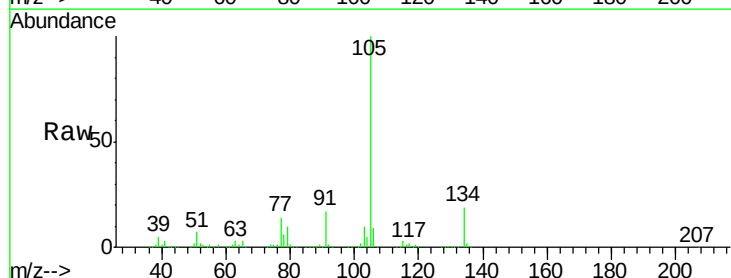
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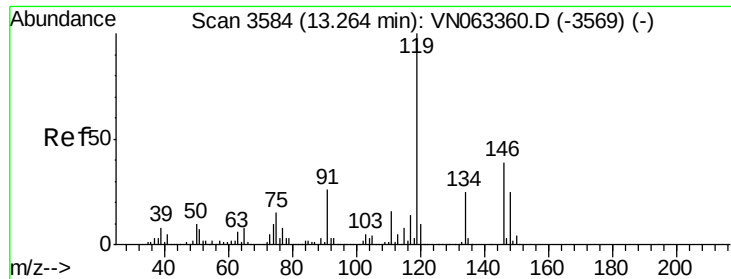
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#85
 sec-Butylbenzene
 Concen: 44.208 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.4	9.3	27.7





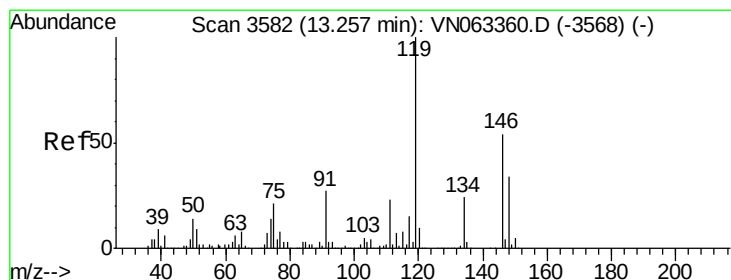
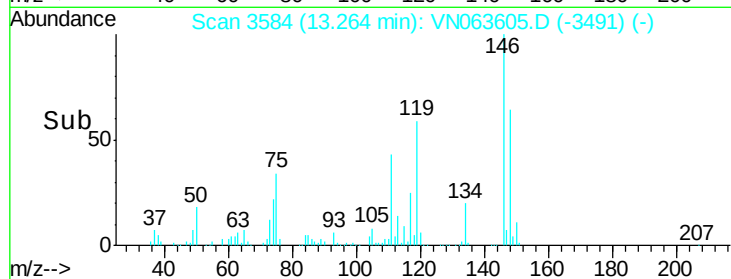
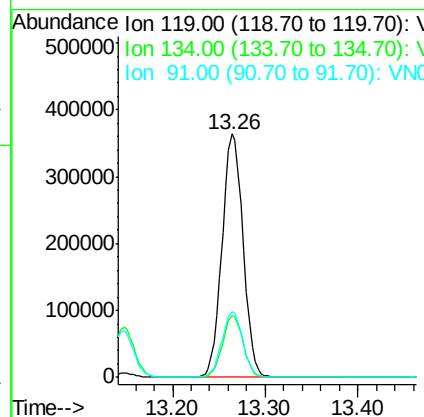
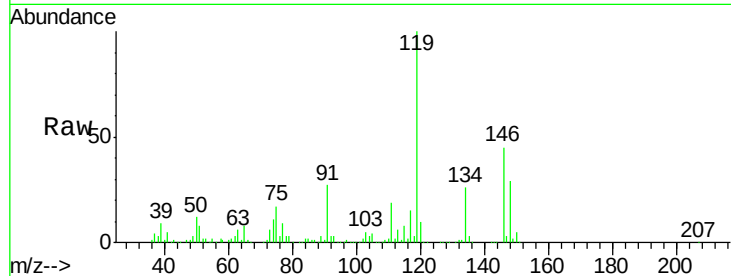
#86
 p-Isopropyltoluene
 Concen: 44.925 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	573758		
134	24.8	12.5	37.5	
91	26.9	13.4	40.1	

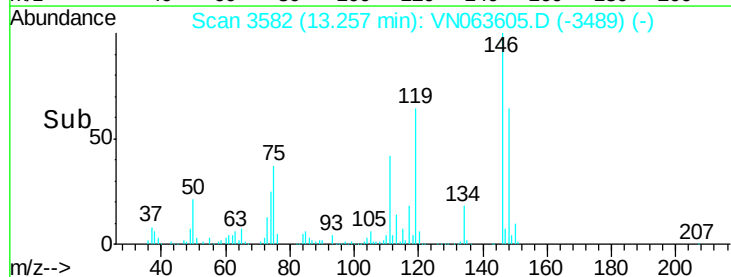
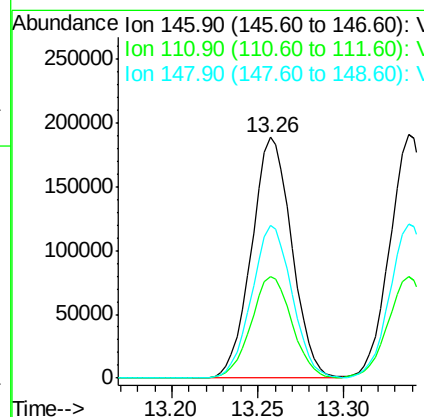
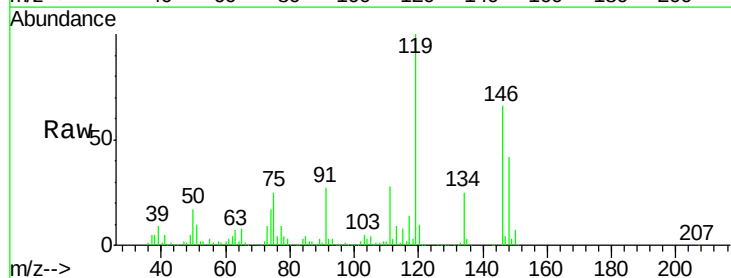
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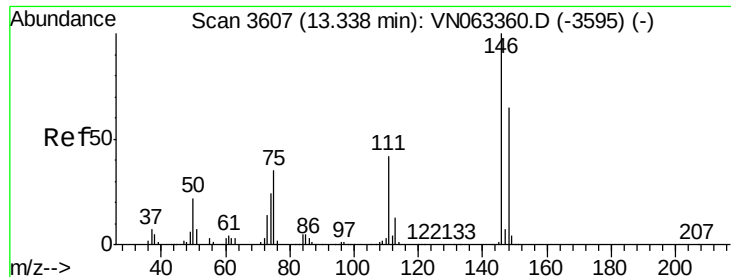
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#87
 1,3-Dichlorobenzene
 Concen: 46.769 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	306489		
111	42.9	21.4	64.3	
148	63.7	31.9	95.7	





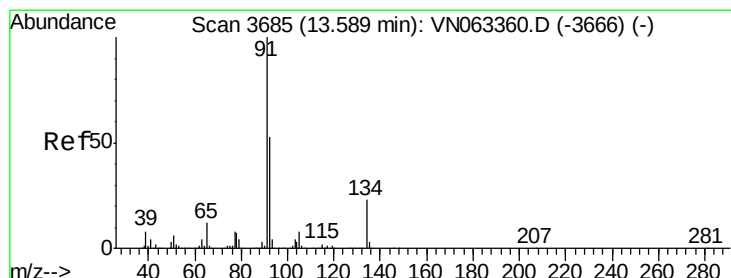
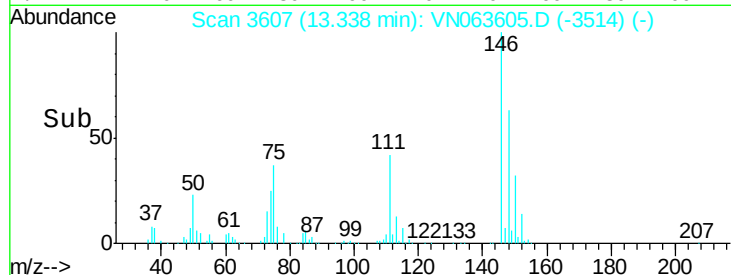
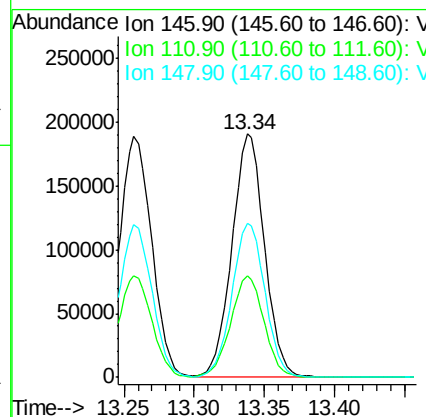
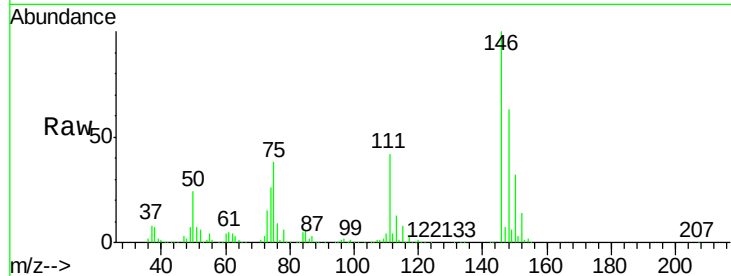
#88
 1,4-Dichlorobenzene
 Concen: 46.099 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	64.0	31.9	95.9

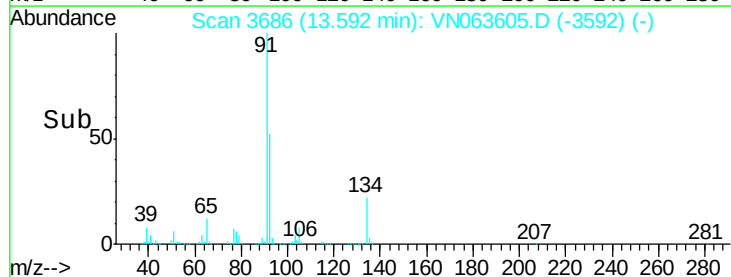
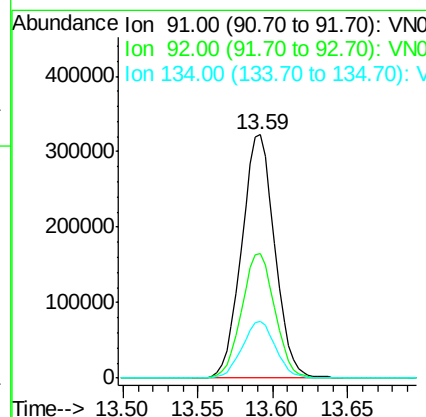
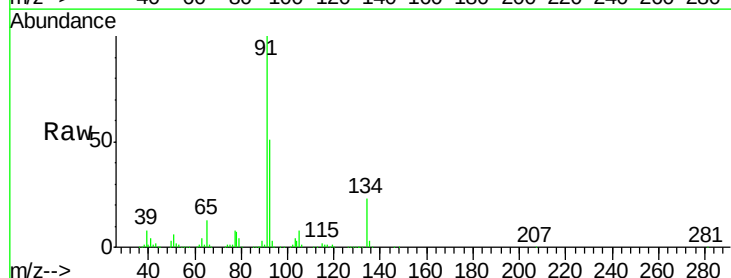
Manual Integrations
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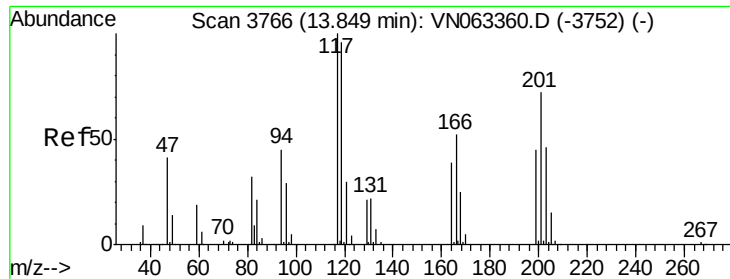
MMDadoda
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#89
 n-Butylbenzene
 Concen: 42.265 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	23.4	11.7	35.0





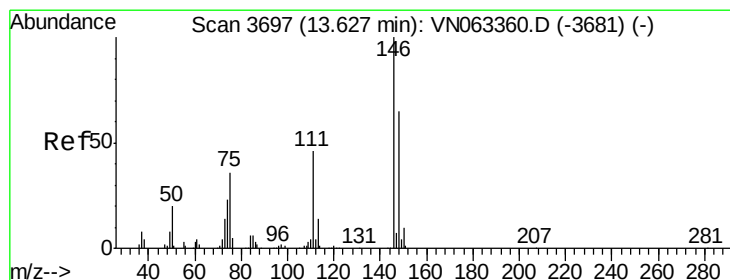
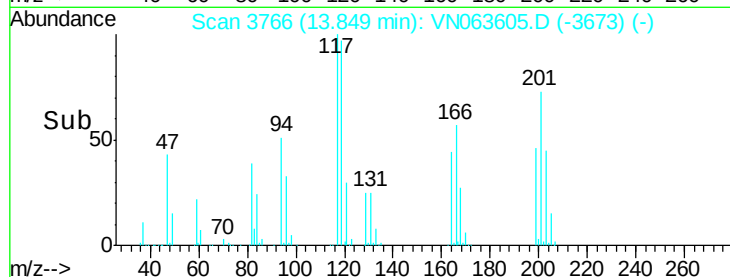
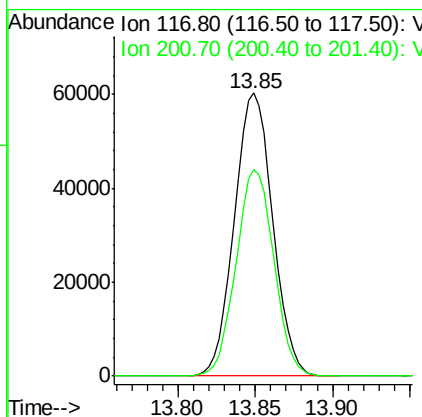
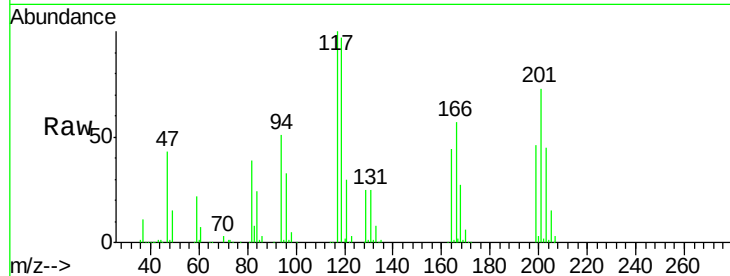
#90
Hexachloroethane
Concen: 42.754 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	71.9	35.5	106.7

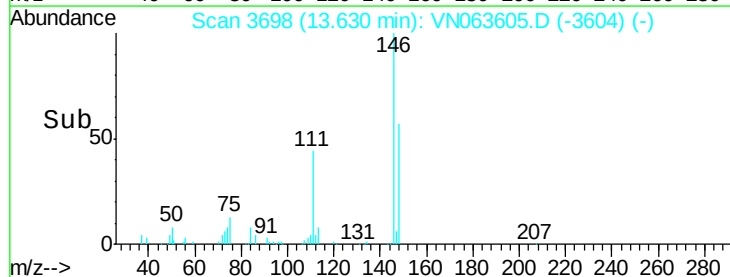
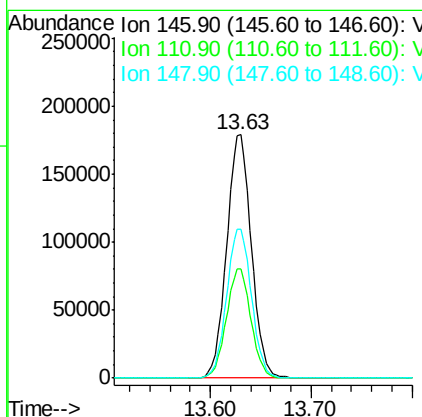
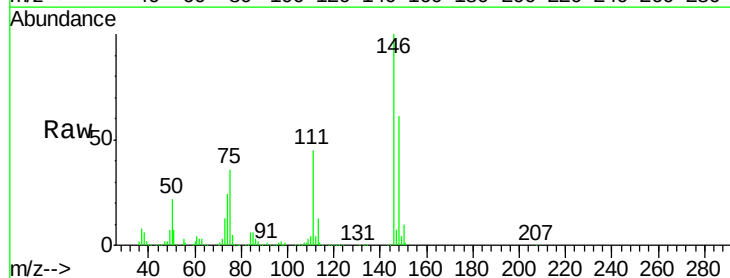
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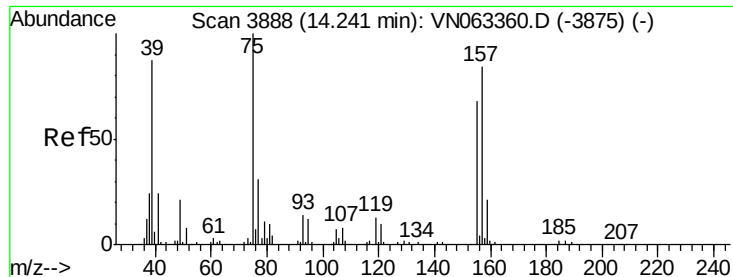
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 47.630 ug/l
RT: 13.63 min Scan# 3698
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.4	67.2
148	61.8	32.0	96.0





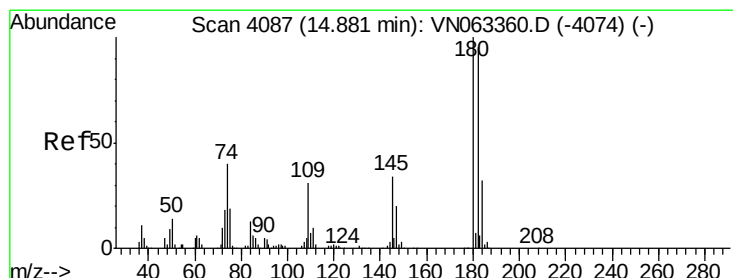
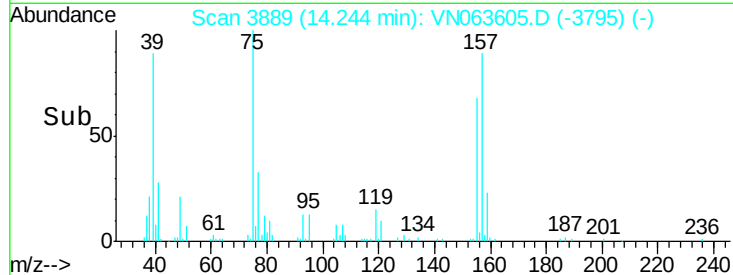
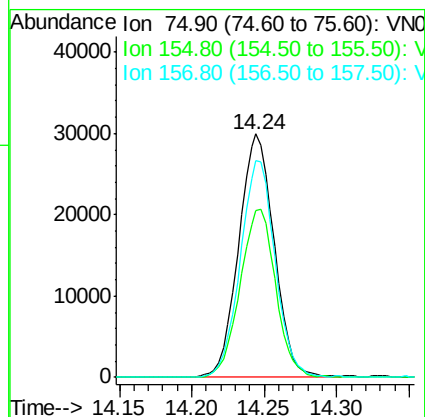
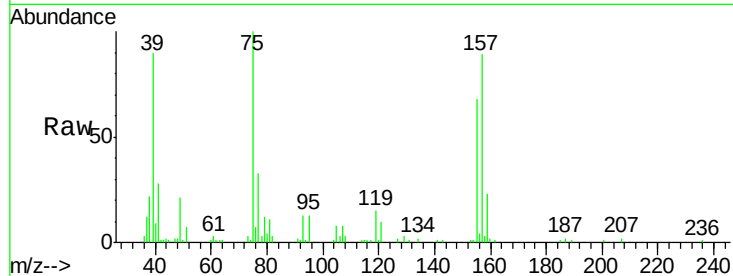
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.843 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	69.1	34.6	103.9
157	87.5	43.7	131.1

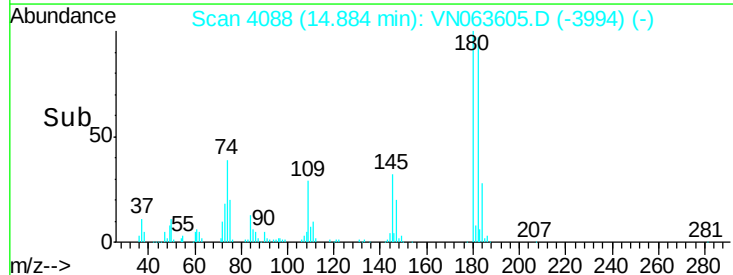
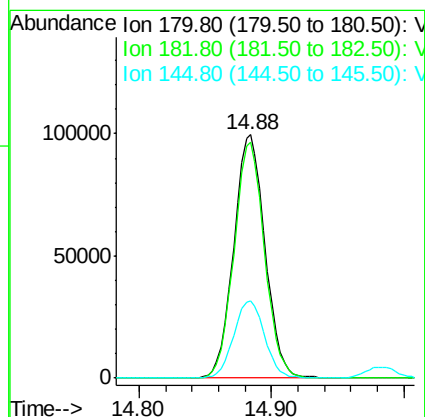
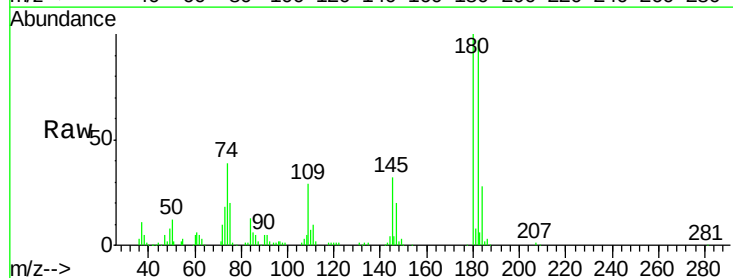
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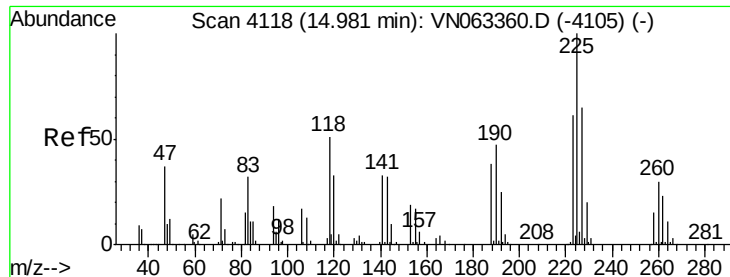
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#93
 1,2,4-Trichlorobenzene
 Concen: 42.890 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	142.0
145	31.5	16.6	49.7





#94

Hexachlorobutadiene

Concen: 46.906 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

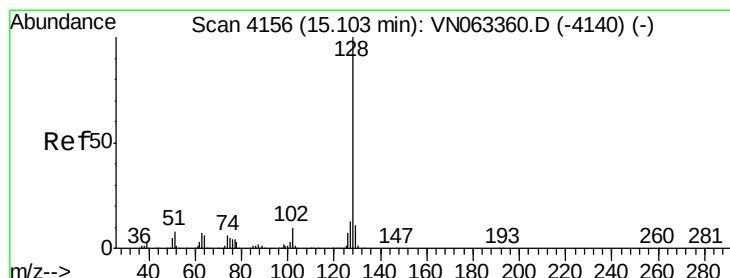
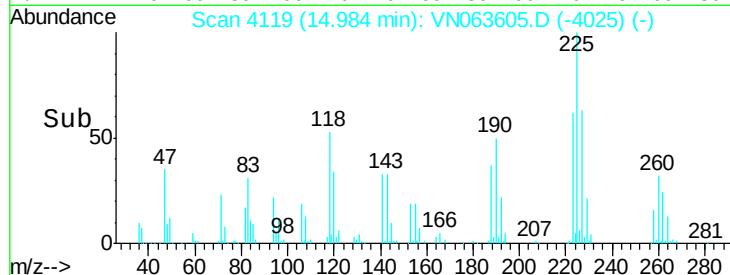
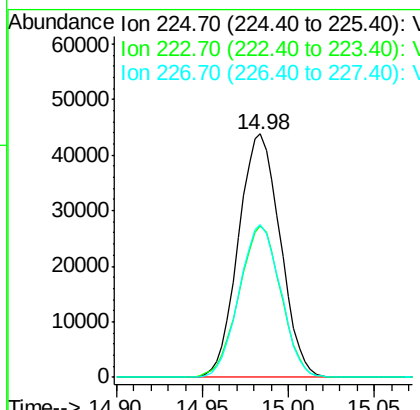
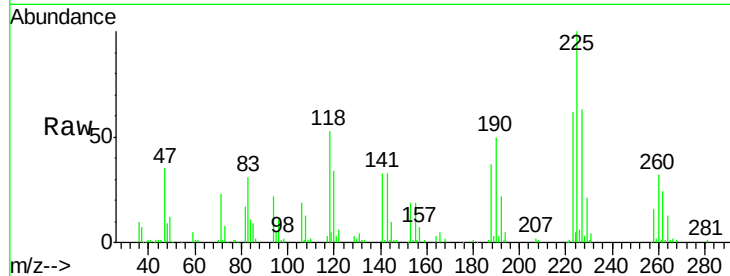
ClientSampleId :

RE131D1-20200916MSD

Tot Ion:	225	Resp:	73653
Ion Ratio	Lower	Upper	
225	100		
223	62.2	30.6	91.6
227	62.1	31.2	93.6

Manual Integrations
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#95

Naphthalene

Concen: 42.839 ug/l

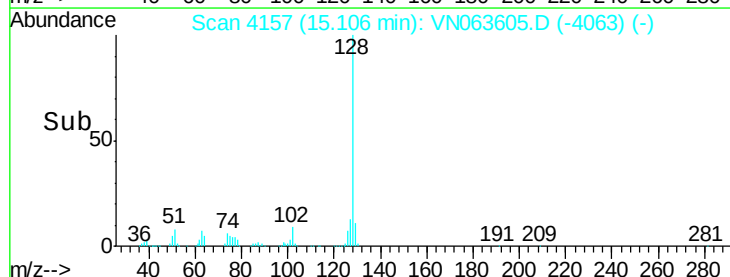
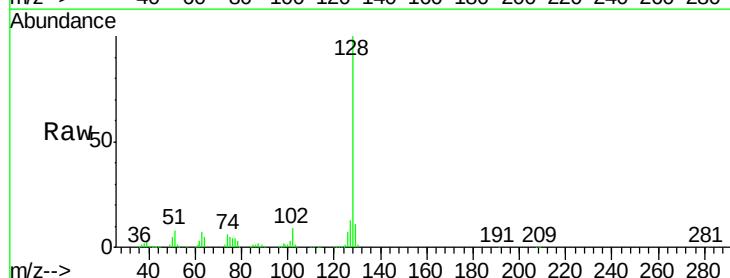
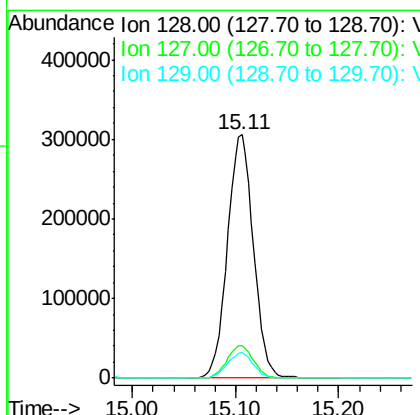
RT: 15.11 min Scan# 4157

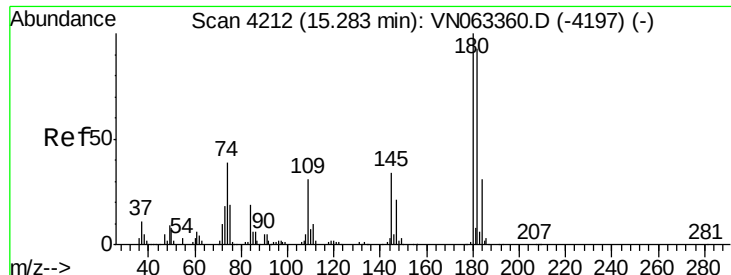
Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Tgt Ion:	128	Resp:	536820
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.4	8.8	13.2





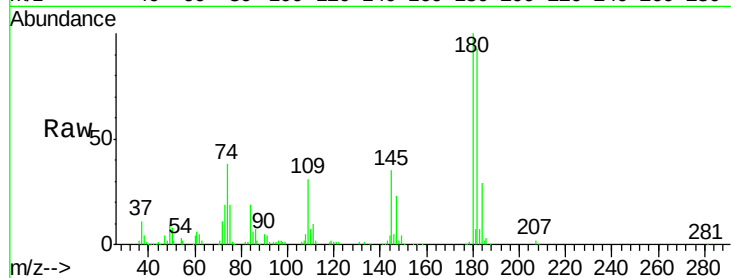
#96
 1,2,3-Trichlorobenzene
 Concen: 42.861 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157078		
182	93.3	46.7	140.1	
145	33.8	16.8	50.3	

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:16 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

