

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063363.D
 Acq On : 16 Sep 2020 13:31
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:57 PM

Quant Time: Sep 17 04:12:13 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	286955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	233737	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.55	113	162099	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.06	98	635946	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.38	95	244505	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	163991	50.444	ug/l	100
3) Chloromethane	2.04	50	206394	47.991	ug/l	97
4) Vinyl Chloride	2.16	62	194586	51.069	ug/l	98
5) Bromomethane	2.53	94	117741	52.044	ug/l	99
6) Chloroethane	2.67	64	114177	48.816	ug/l	98
7) Trichlorofluoromethane	2.99	101	287450	50.564	ug/l	99
8) Diethyl Ether	3.37	74	111943	50.513	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	162766	50.911	ug/l	100
10) Methyl Iodide	3.91	142	214686	51.578	ug/l	99
11) Tert butyl alcohol	4.72	59	158796	234.659	ug/l	99
12) 1,1-Dichloroethene	3.70	96	161989	50.024	ug/l	100
13) Acrolein	3.57	56	118619	473.003	ug/l	98
14) Allyl chloride	4.28	41	303754	47.422	ug/l	93
15) Acrylonitrile	4.93	53	424900	246.845	ug/l	99
16) Acetone	3.77	43	355823	226.658	ug/l	99
17) Carbon Disulfide	4.01	76	475128	50.442	ug/l	100
18) Methyl Acetate	4.28	43	194626	48.836	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	590958	48.965	ug/l	100
20) Methylene Chloride	4.51	84	191185	48.067	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	174977	48.771	ug/l	99
22) Diisopropyl ether	5.90	45	652962	49.984	ug/l	99
23) Vinyl Acetate	5.84	43	2788200	259.883	ug/l	100
24) 1,1-Dichloroethane	5.80	63	361181	50.641	ug/l	99
25) 2-Butanone	6.78	43	579991	240.219	ug/l	97
26) 2,2-Dichloropropane	6.78	77	319146	50.824	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	205700	50.654	ug/l	97
28) Bromochloromethane	7.15	49	160463	48.727	ug/l	98
29) Tetrahydrofuran	7.16	42	401877	243.709	ug/l	98
30) Chloroform	7.33	83	359819	50.285	ug/l	99
31) Cyclohexane	7.61	56	318662	47.235	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	318317	50.015	ug/l	99
36) 1,1-Dichloropropene	7.75	75	266920	49.810	ug/l	99
37) Ethyl Acetate	6.88	43	262078	49.831	ug/l	99
38) Carbon Tetrachloride	7.73	117	274878	50.250	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	291791	50.171	ug/l	98
40) Benzene	8.00	78	765865	50.066	ug/l	98
41) Methacrylonitrile	7.13	41	129512m	54.751	ug/l	
42) 1,2-Dichloroethane	8.08	62	312462	50.792	ug/l	99
43) Isopropyl Acetate	8.13	43	462992	49.232	ug/l	99
44) Trichloroethene	8.80	130	187513	50.539	ug/l	100
45) 1,2-Dichloropropane	9.08	63	211606	50.790	ug/l	100
46) Dibromomethane	9.17	93	136714	49.926	ug/l	98
47) Bromodichloromethane	9.37	83	290783	51.115	ug/l	100
48) Methyl methacrylate	9.17	41	224009	48.483	ug/l	97
49) 1,4-Dioxane	9.16	88	62358	940.469	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	1314531	249.681	ug/l	99
52) Toluene	10.13	92	477875	51.959	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	331617	52.216	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	344374	51.407	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	185535	50.787	ug/l	98
56) Ethyl methacrylate	10.40	69	295063	51.738	ug/l	99
57) 1,3-Dichloropropane	10.68	76	324827	49.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	809014	270.420	ug/l	98
59) 2-Hexanone	10.72	43	966684	253.442	ug/l	100
60) Dibromochloromethane	10.87	129	213693	51.778	ug/l	99
61) 1,2-Dibromoethane	10.98	107	195417	51.488	ug/l	99
64) Tetrachloroethene	10.60	164	154704	48.812	ug/l	99
65) Chlorobenzene	11.41	112	494802	50.080	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	183777	50.743	ug/l	99
67) Ethyl Benzene	11.48	91	942087	50.633	ug/l	100
68) m/p-Xylenes	11.59	106	682504	101.737	ug/l	99
69) o-Xylene	11.92	106	333885	52.247	ug/l	98
70) Styrene	11.94	104	566301	52.842	ug/l	99
71) Bromoform	12.10	173	138034	51.160	ug/l #	98
73) Isopropylbenzene	12.22	105	897868	50.510	ug/l	100
74) N-amyl acetate	12.05	43	425034	50.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	270339	49.116	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	252967m	46.073	ug/l	
77) Bromobenzene	12.50	156	201797	50.466	ug/l	99
78) n-propylbenzene	12.57	91	1061194	51.255	ug/l	99
79) 2-Chlorotoluene	12.65	91	630070	50.766	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	760988	51.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	96723	48.297	ug/l	95
82) 4-Chlorotoluene	12.75	91	667016	50.865	ug/l	99
83) tert-Butylbenzene	12.97	119	628937	51.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	766704	51.207	ug/l	98
85) sec-Butylbenzene	13.14	105	832098	50.812	ug/l	100
86) p-Isopropyltoluene	13.26	119	747344	51.741	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	377358	50.916	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	379476	50.361	ug/l	100
89) n-Butylbenzene	13.59	91	695340	52.228	ug/l	98
90) Hexachloroethane	13.85	117	139027	50.549	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	372626	51.211	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62834	47.941	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	210315	49.029	ug/l	100
94) Hexachlorobutadiene	14.98	225	87808	49.445	ug/l	99
95) Naphthalene	15.10	128	690589	48.729	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	195354	47.133	ug/l	98

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

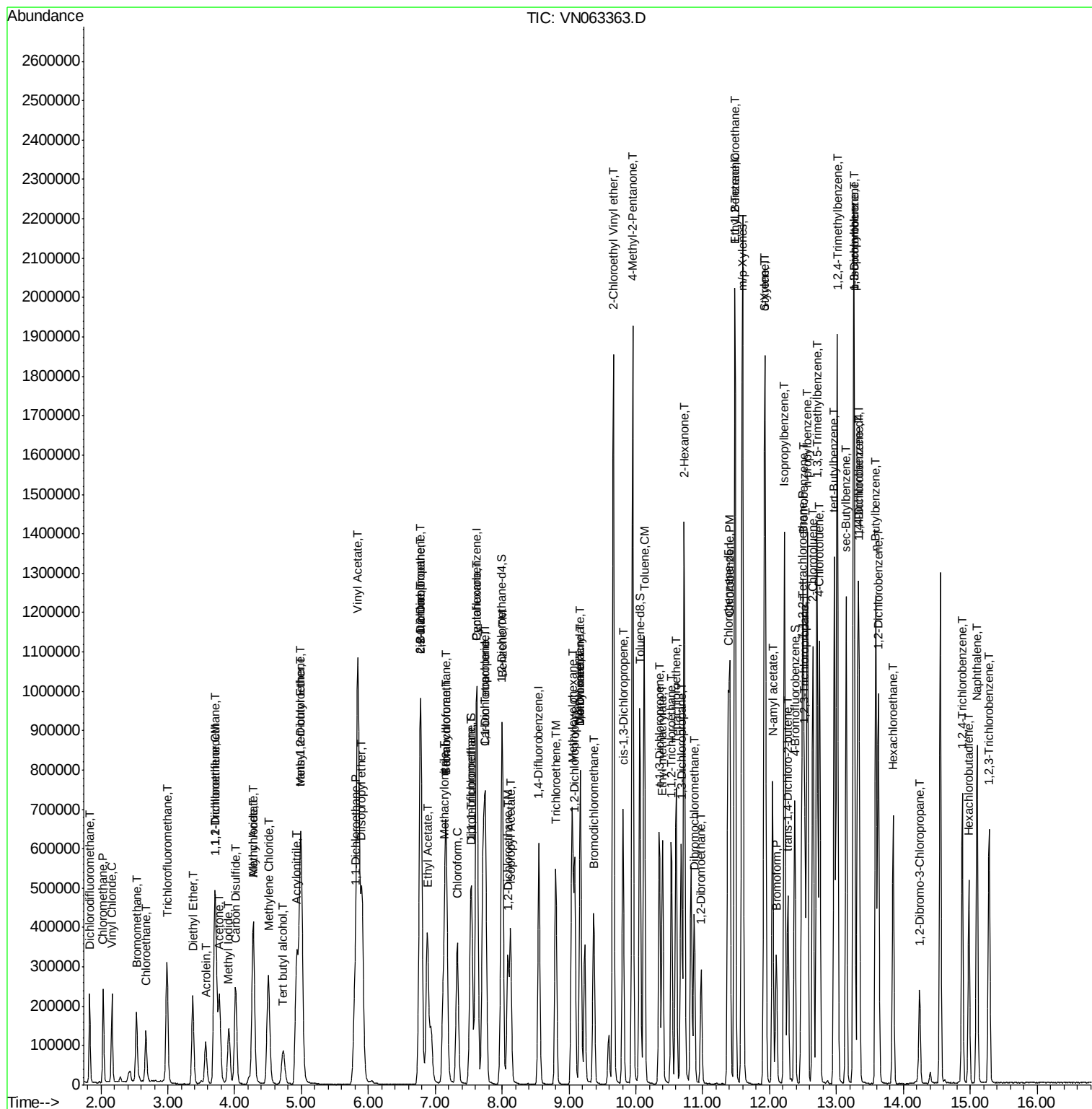
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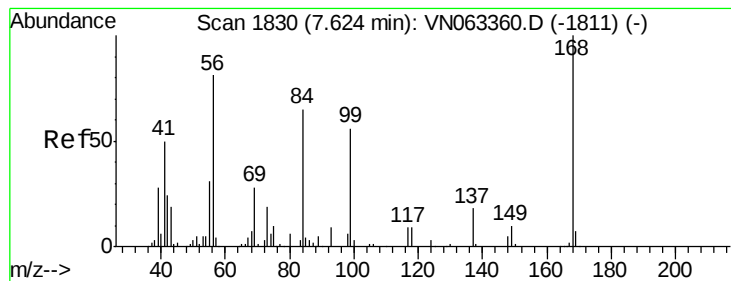
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion:168 Resp: 286955

Ion Ratio Lower Upper

168 100

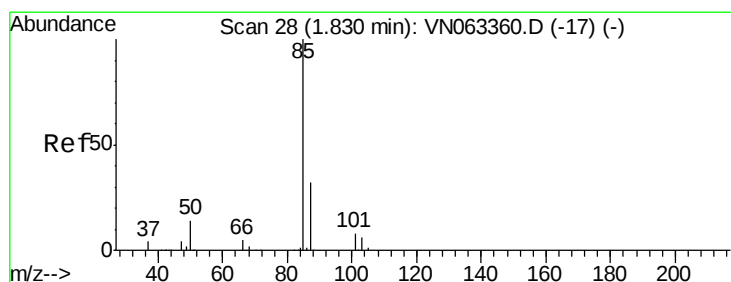
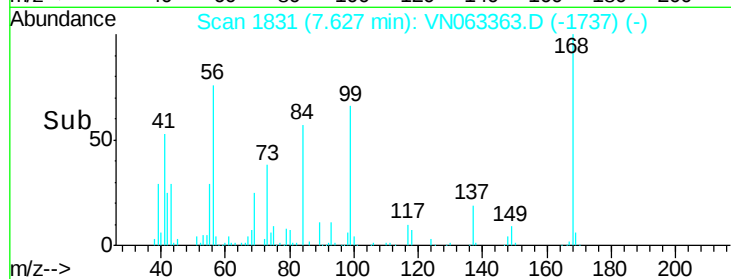
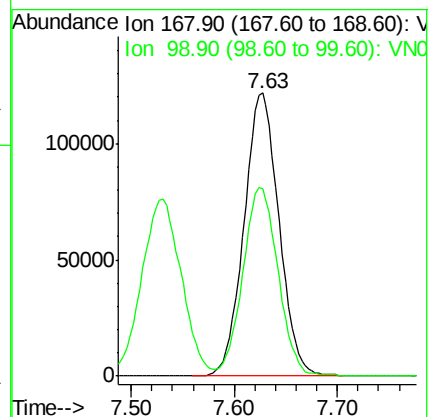
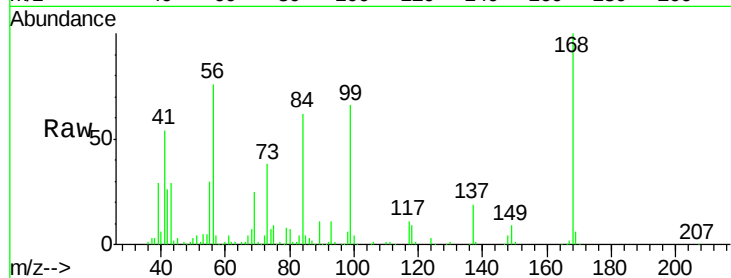
99 65.9 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.444 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063363.D

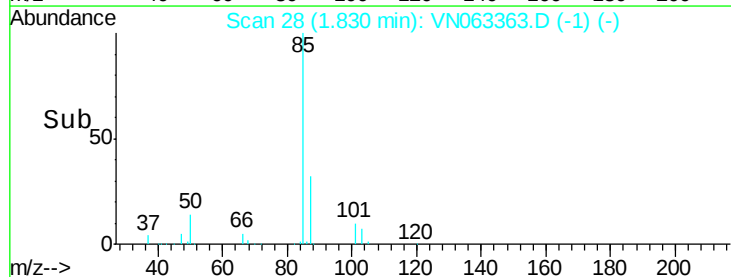
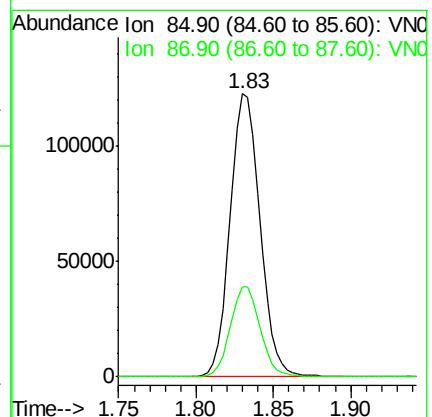
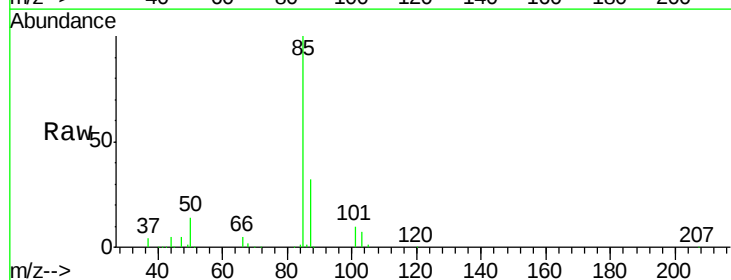
Acq: 16 Sep 2020 13:31

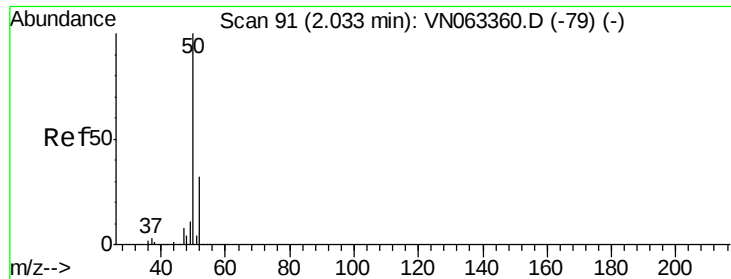
Tgt Ion: 85 Resp: 163991

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.6





#3

Chloromethane

Concen: 47.991 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion: 50 Resp: 206394

Ion Ratio Lower Upper

50 100

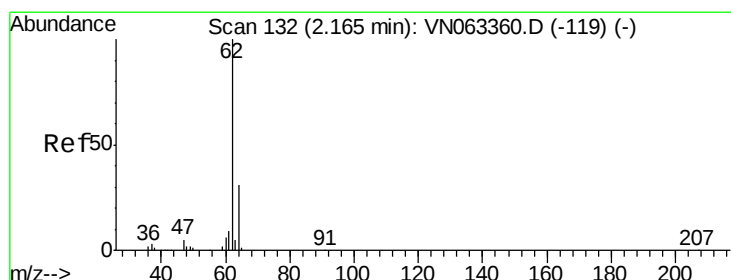
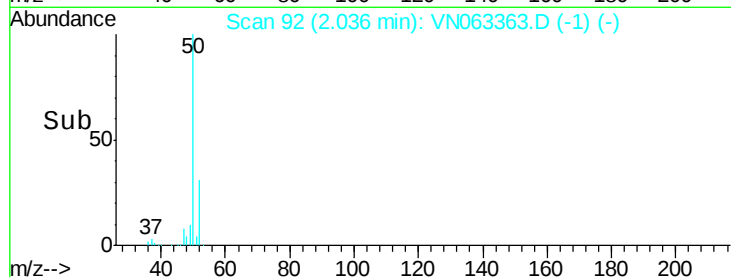
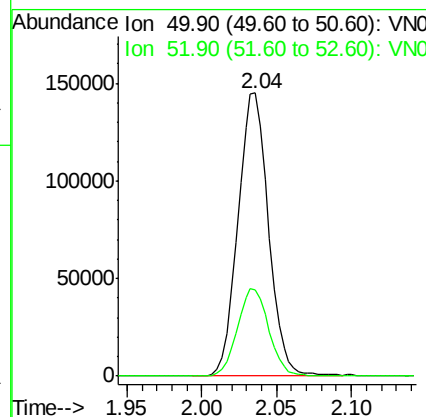
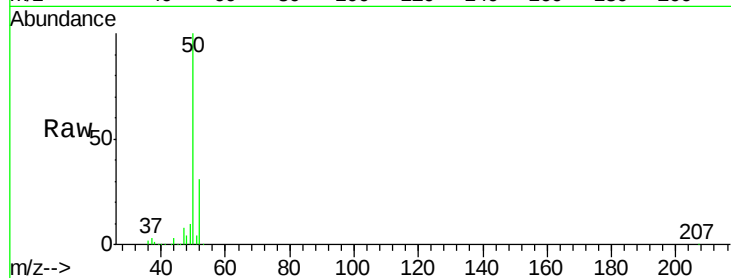
52 30.6 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.069 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063363.D

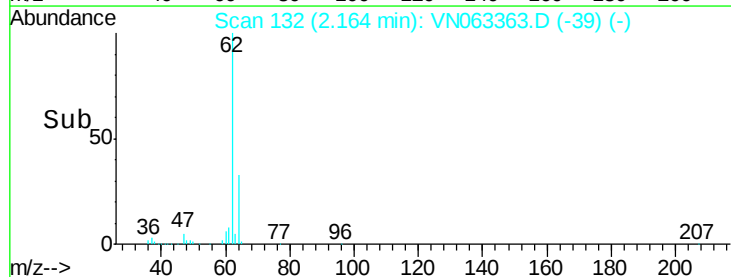
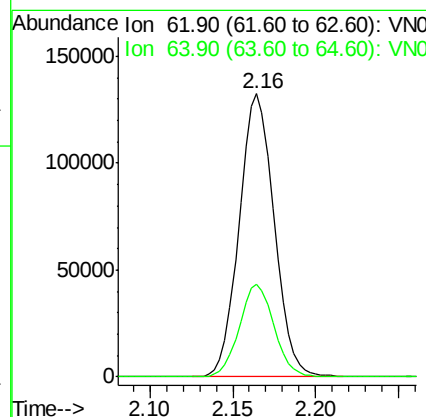
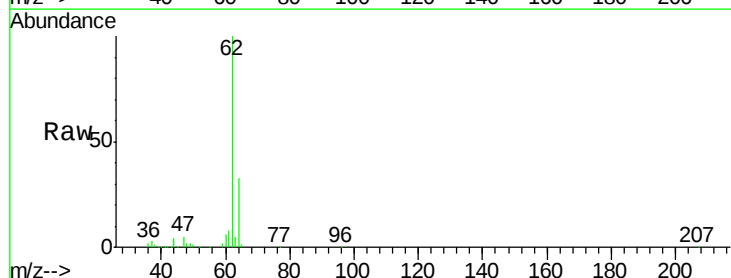
Acq: 16 Sep 2020 13:31

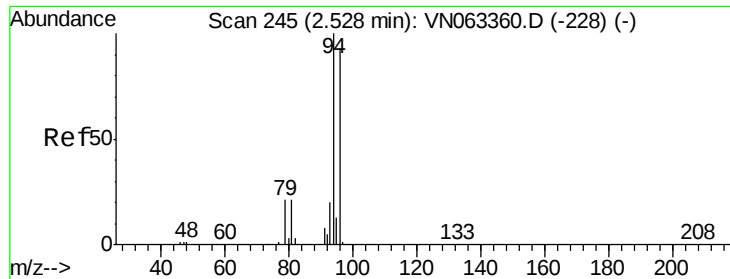
Tgt Ion: 62 Resp: 194586

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 52.044 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 117741

Ion Ratio Lower Upper

94 100

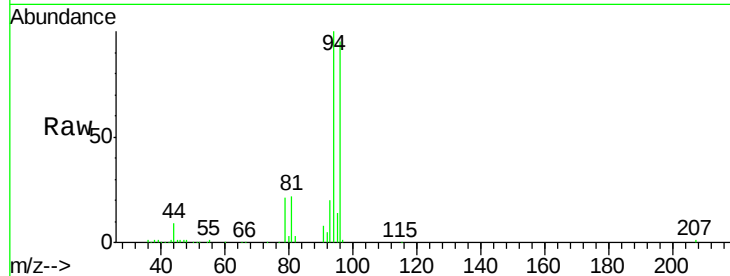
96 94.3 74.5 111.7

Manual Integrations

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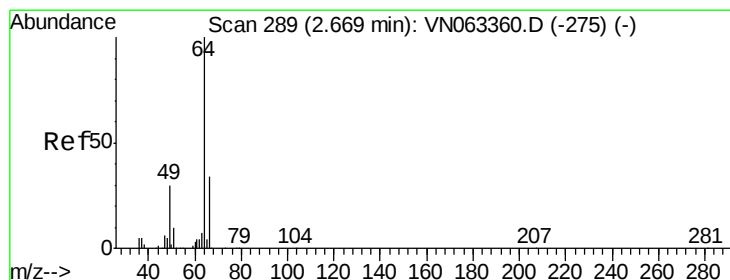
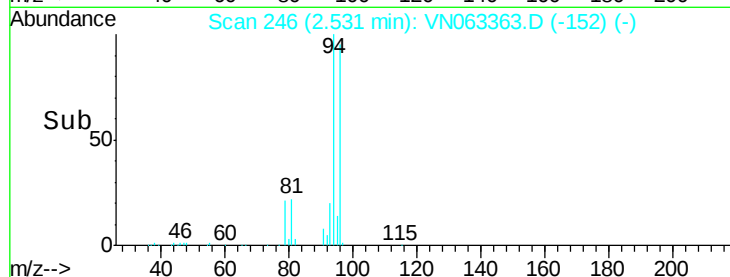
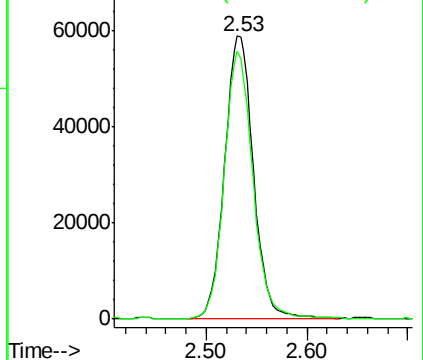
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 48.816 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063363.D

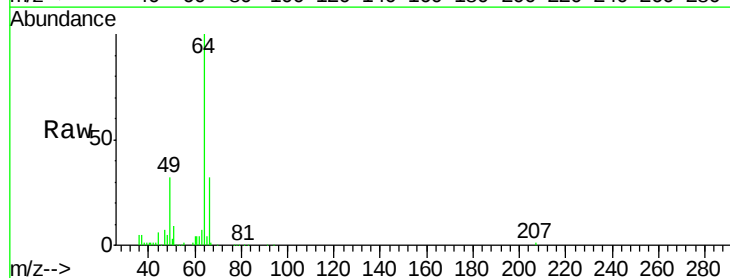
Acq: 16 Sep 2020 13:31

Tgt Ion: 64 Resp: 114177

Ion Ratio Lower Upper

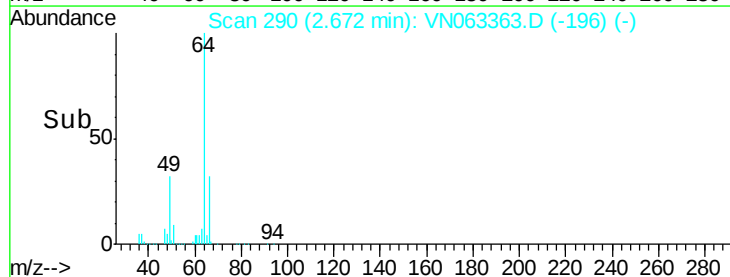
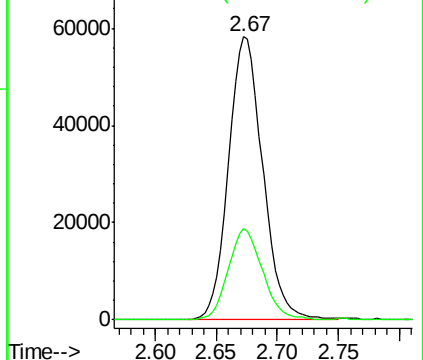
64 100

66 32.4 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

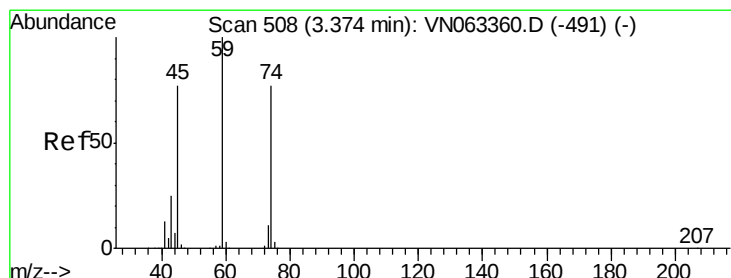
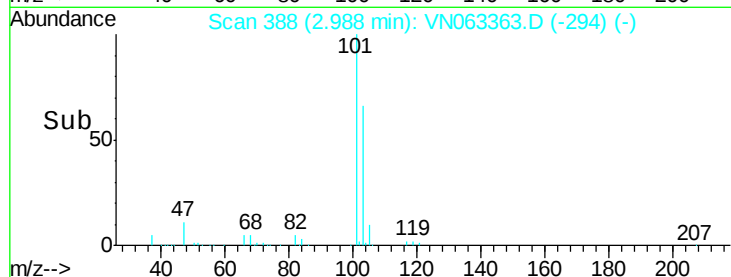
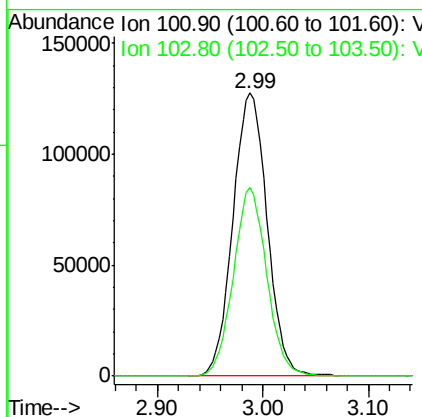
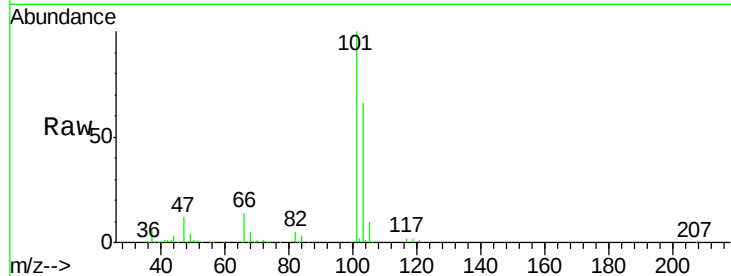
Trichlorofluoromethane
 Concen: 50.564 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063363.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		287450		
103	66.4	52.3	78.5		

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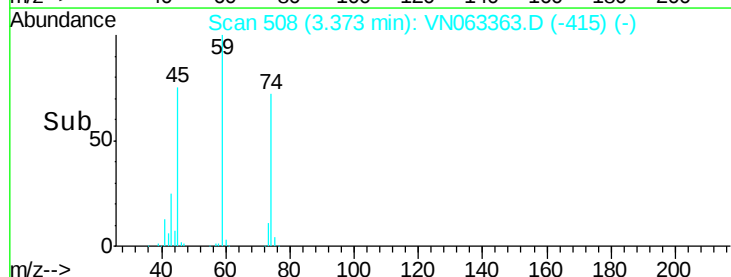
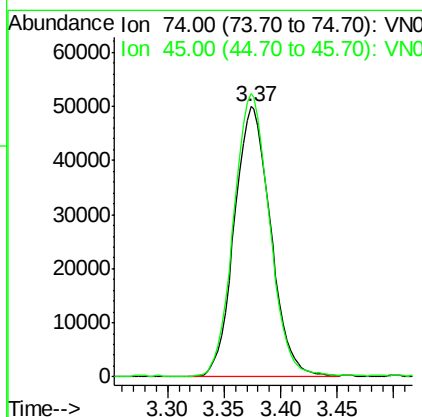
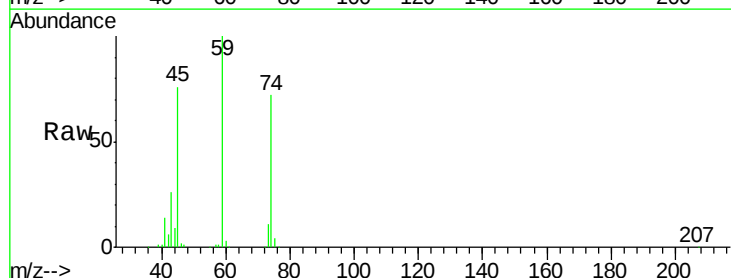
MMDadoda
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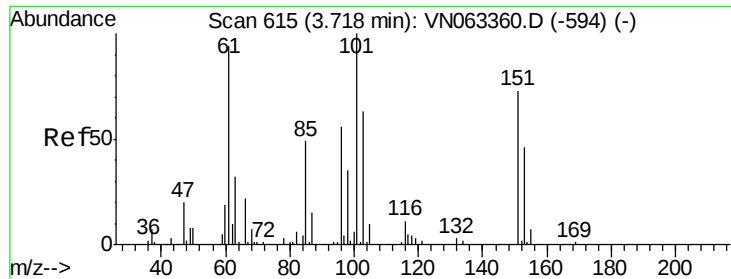


#8

Diethyl Ether
 Concen: 50.513 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		111943		
45	103.8	52.1	156.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.911 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

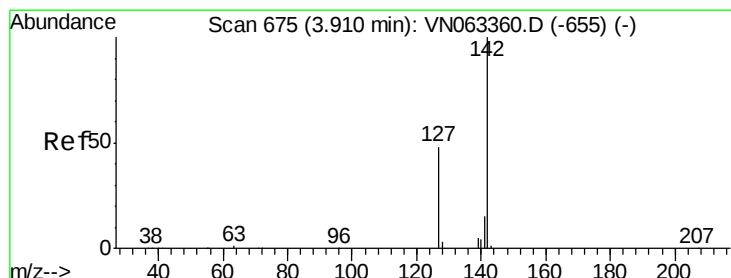
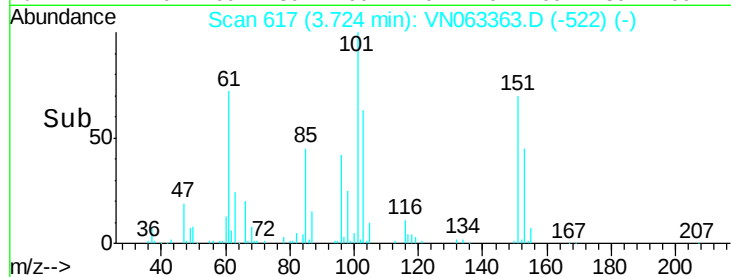
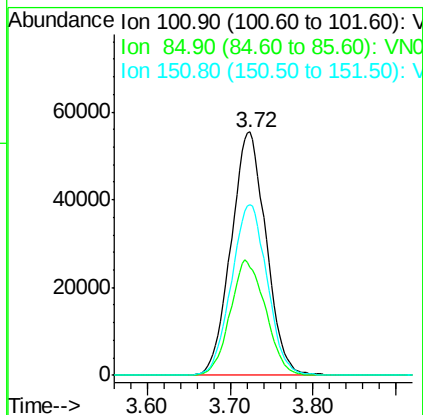
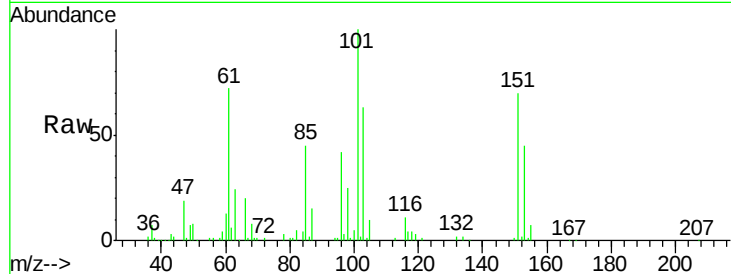
ClientSampleId :

ICVVN091620

Tot Ion:	101	Resp:	162766
Ion Ratio	Lower	Upper	
101	100		
85	47.5	37.7	56.5
151	71.7	57.7	86.5

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#10

Methyl Iodide

Concen: 51.578 ug/l

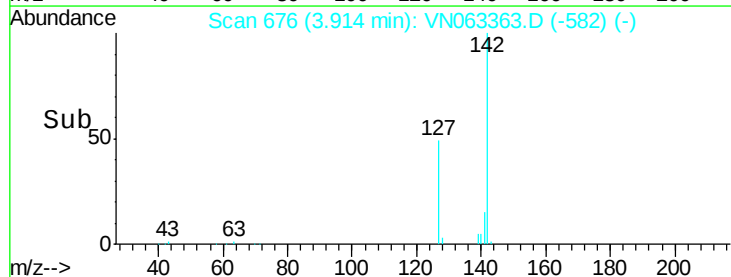
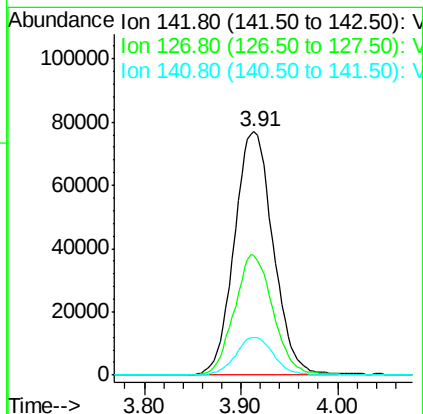
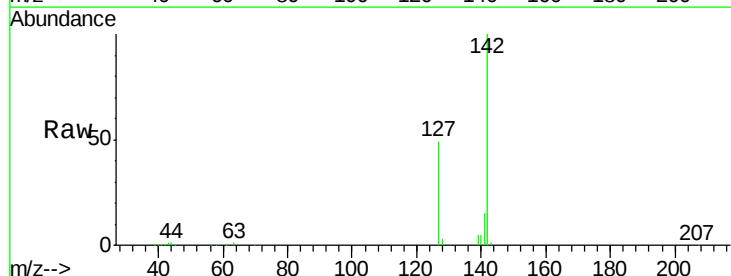
RT: 3.91 min Scan# 676

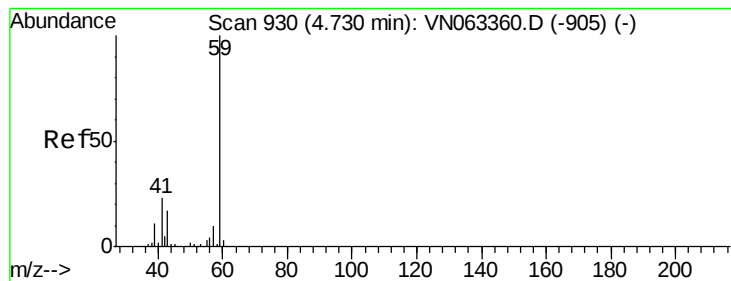
Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Tgt Ion:	142	Resp:	214686
Ion Ratio	Lower	Upper	
142	100		
127	49.2	39.0	58.6
141	15.1	11.6	17.4





#11

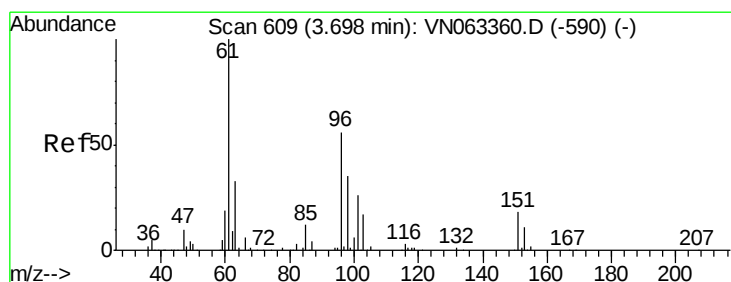
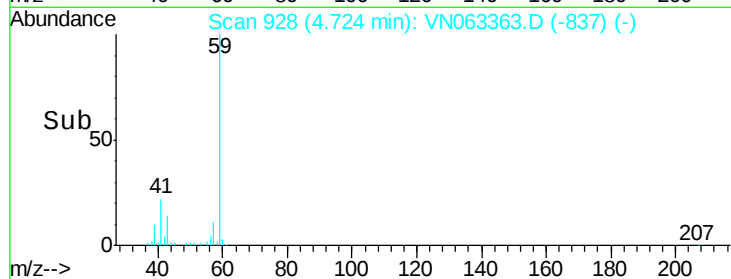
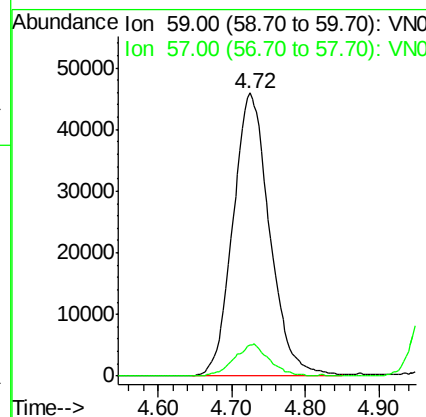
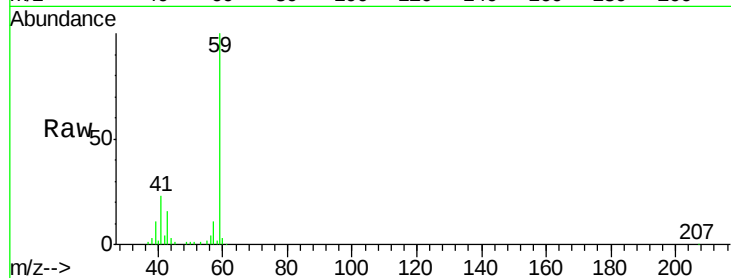
Tert butyl alcohol
Concen: 234.659 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Resp	Lower	Upper
59	100	158796		
57	10.9		8.4	12.6

Manual Integrations
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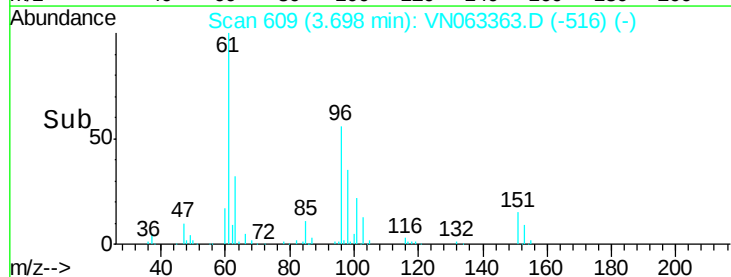
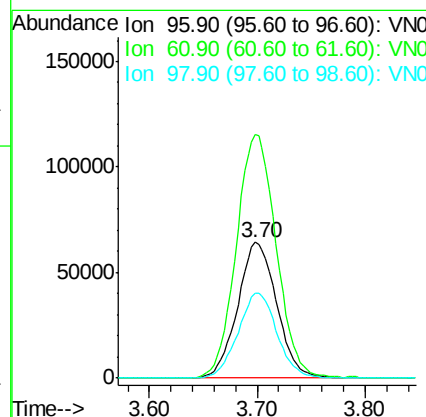
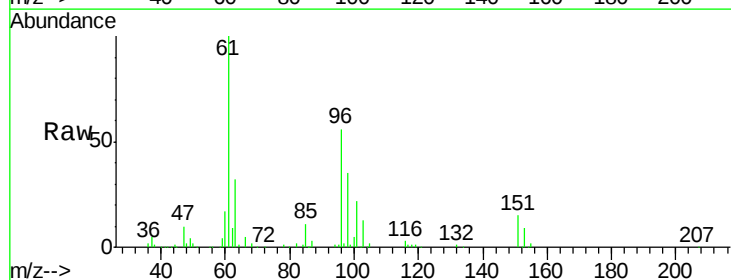
MMDadoda
9/17/2020 1:07:57 PM

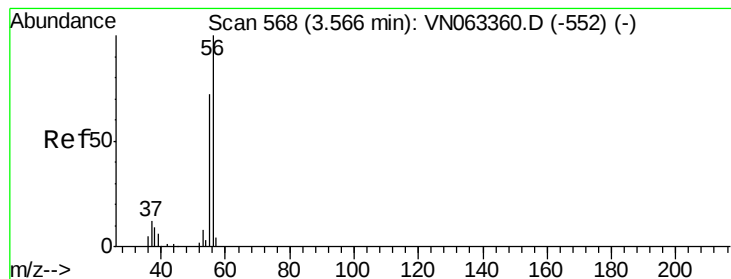


#12

1,1-Dichloroethene
Concen: 50.024 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	161989		
61	179.2		143.4	215.2
98	62.7		50.6	76.0





#13

Acrolein

Concen: 473.003 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion: 56 Resp: 118619

Ion Ratio Lower Upper

56 100

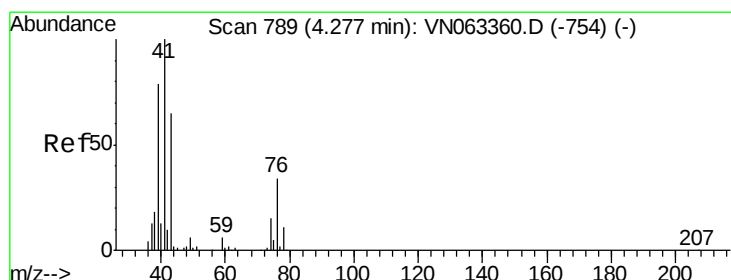
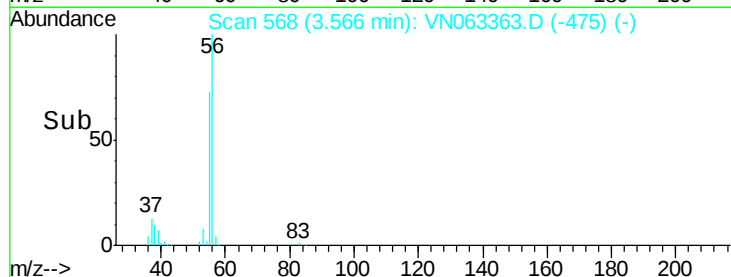
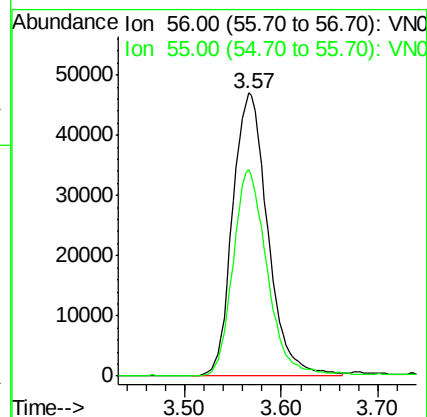
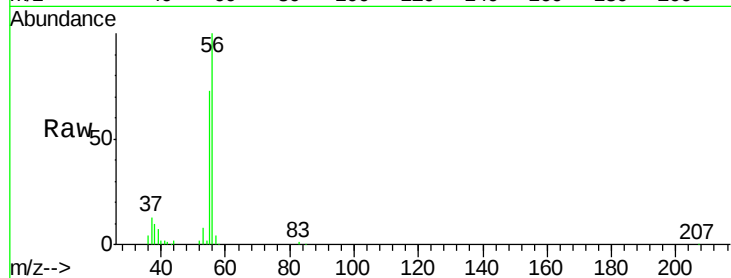
55 70.7 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 47.422 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

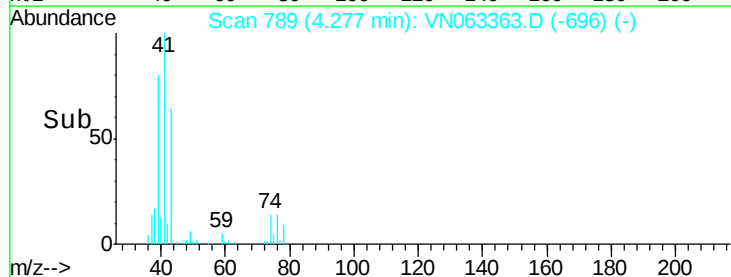
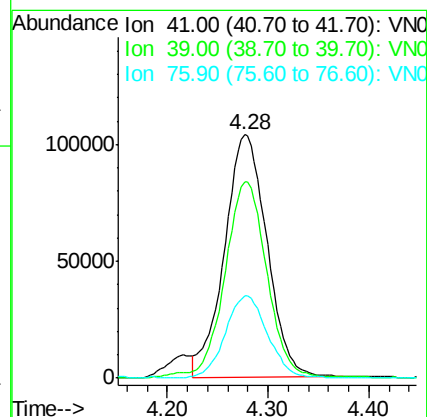
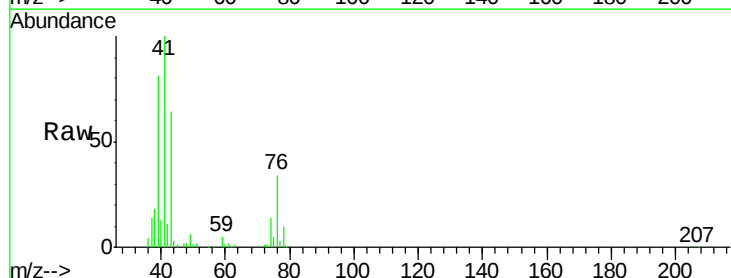
Tgt Ion: 41 Resp: 303754

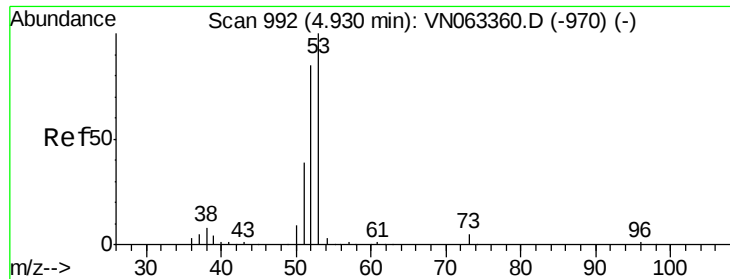
Ion Ratio Lower Upper

41 100

39 81.0 59.3 88.9

76 33.3 25.3 37.9





#15

Acrylonitrile

Concen: 246.845 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

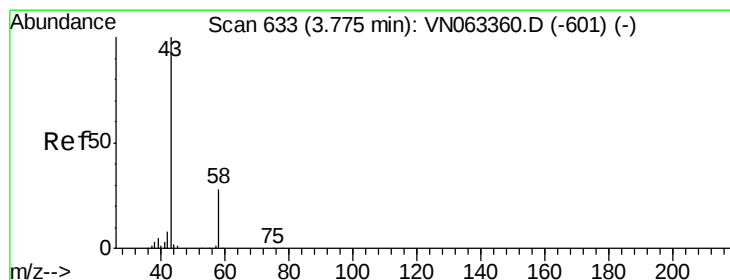
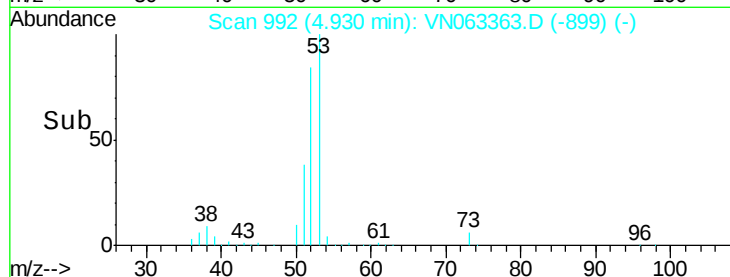
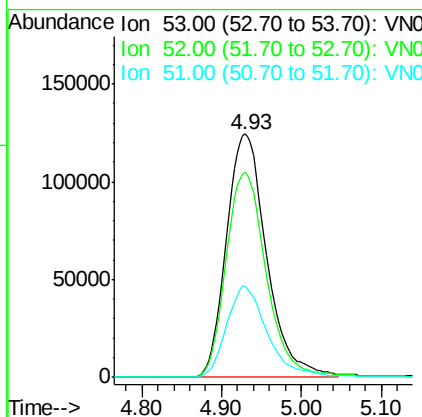
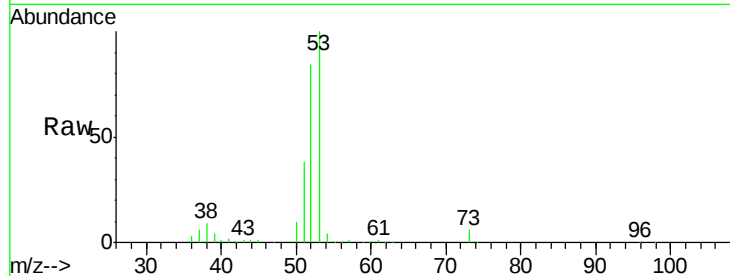
ClientSampleId :

ICVVN091620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		424900		
52	83.5	66.4	99.6		
51	38.2	30.2	45.4		

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#16

Acetone

Concen: 226.658 ug/l

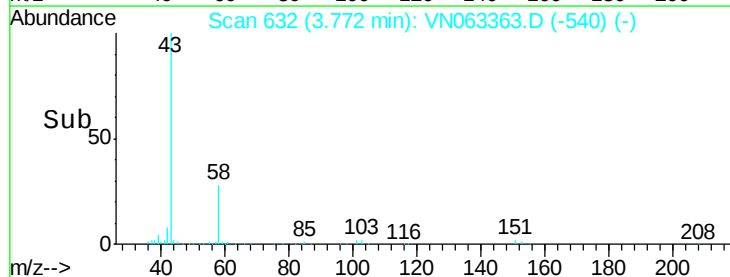
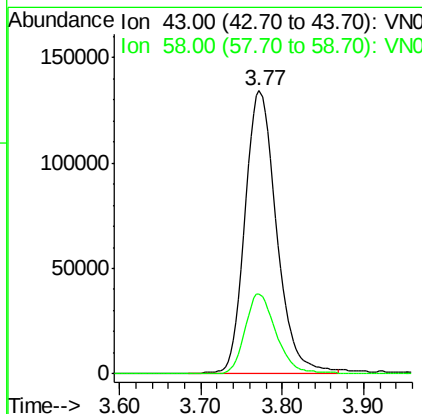
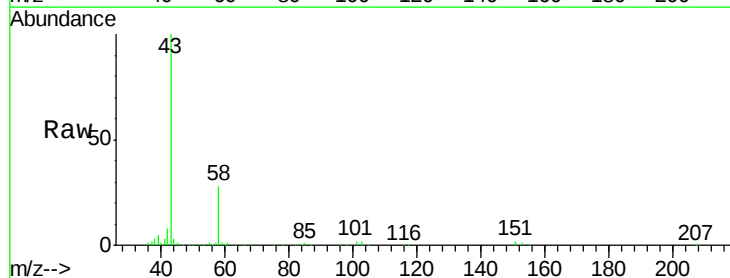
RT: 3.77 min Scan# 632

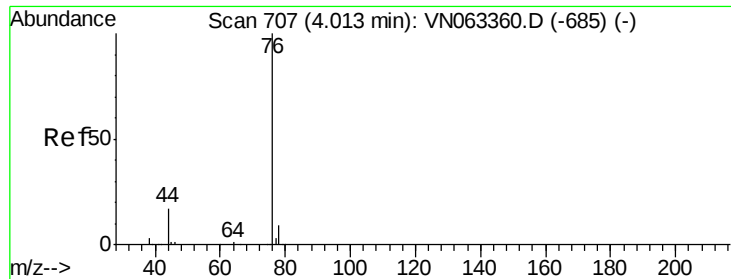
Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		355823		
58	28.4	22.3	33.5		





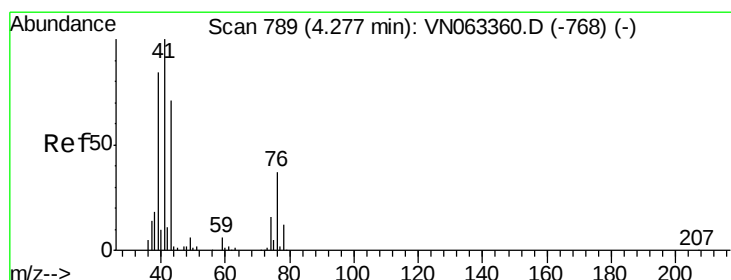
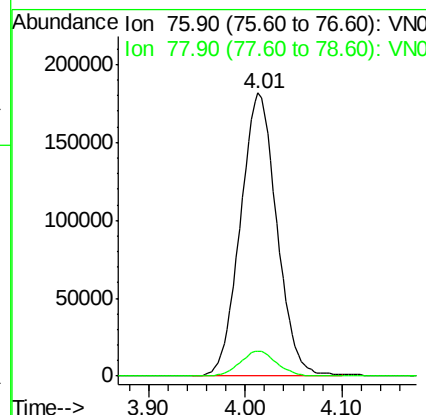
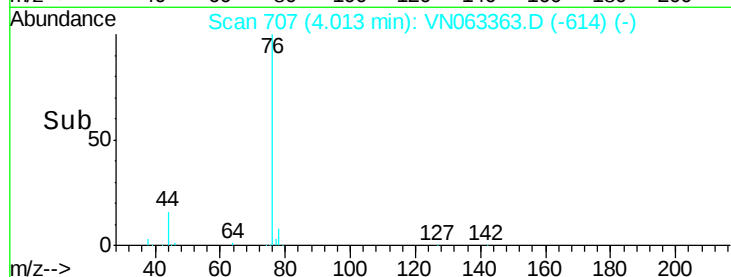
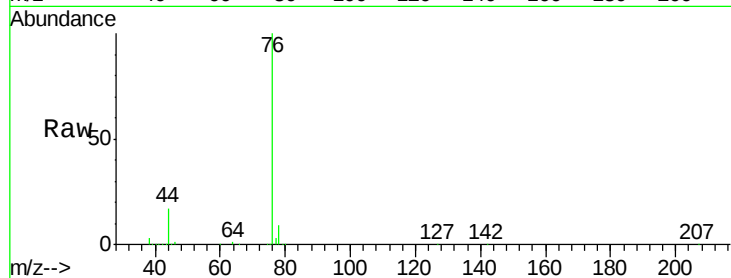
#17
Carbon Disulfide
Concen: 50.442 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

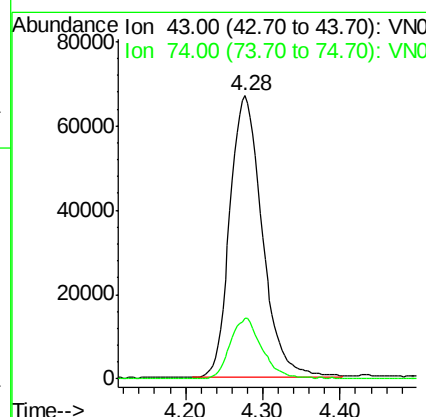
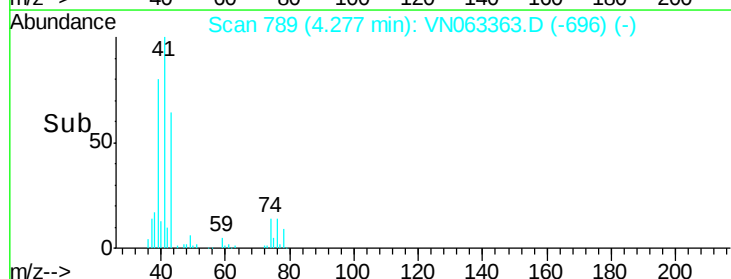
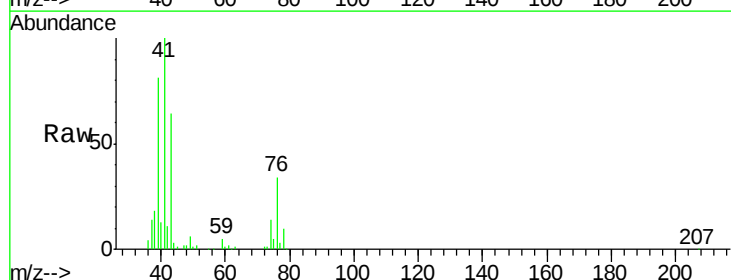
Manual Integrations
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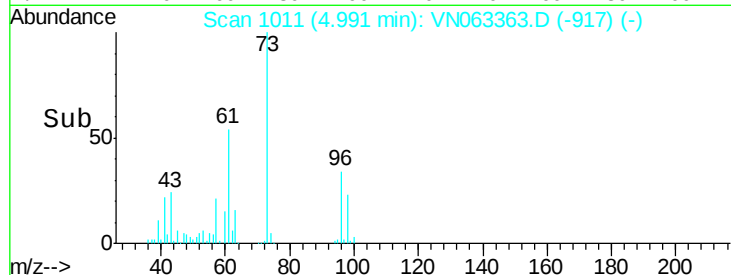
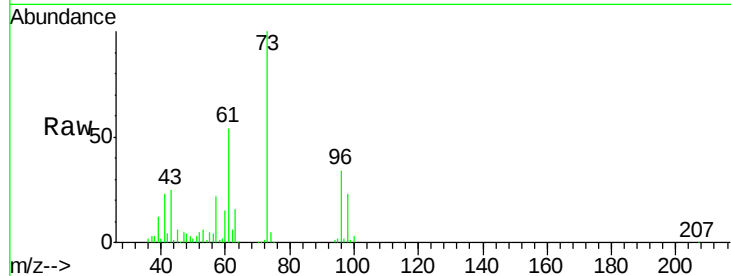
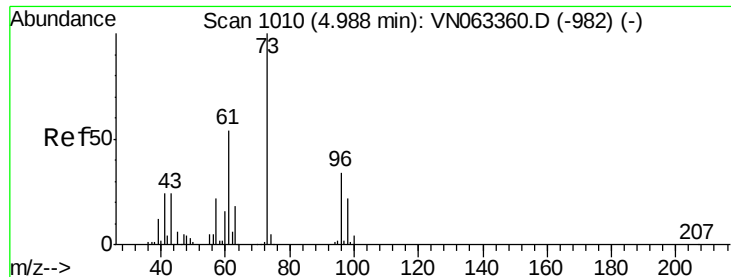
MMDadoda
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#18
Methyl Acetate
Concen: 48.836 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.4	26.2





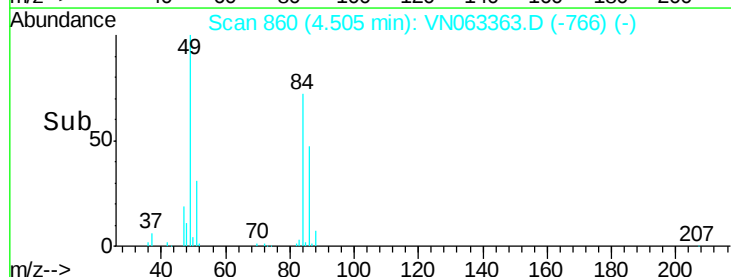
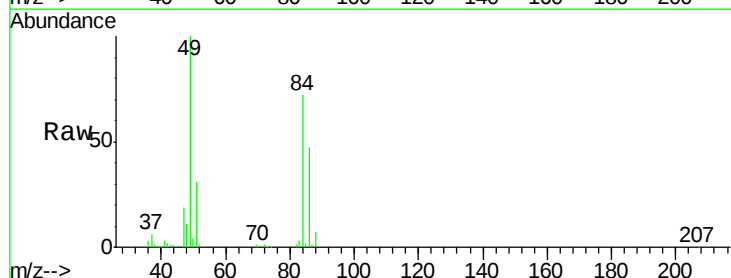
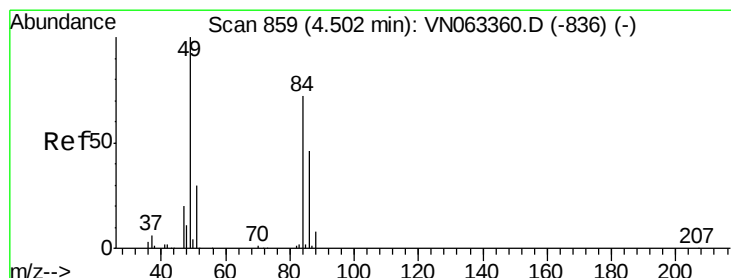
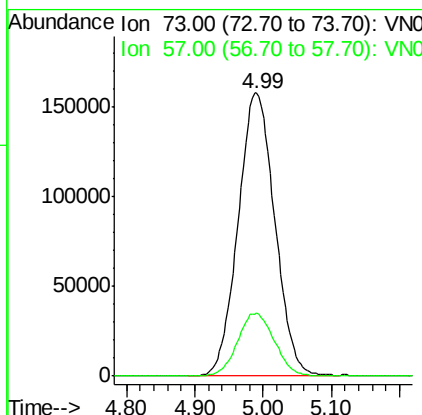
#19
Methyl tert-butyl Ether
Concen: 48.965 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tot Ion: 73 Resp: 590958
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9

Instrument :
MSVOA_N
ClientSampled :
ICVVN091620

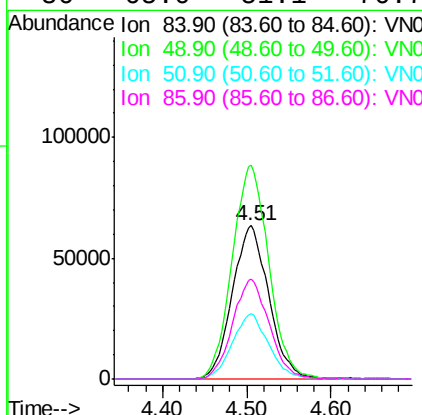
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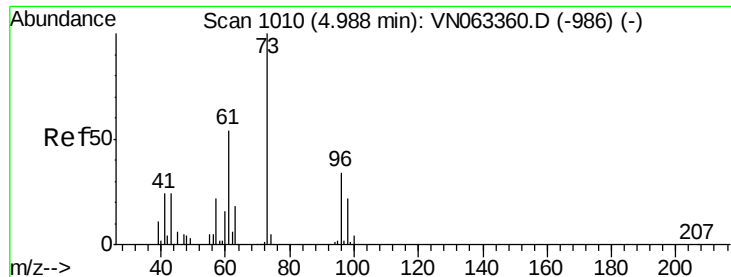
MMDadoda
9/17/2020 1:07:57 PM



#20
Methylene Chloride
Concen: 48.067 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion: 84 Resp: 191185
Ion Ratio Lower Upper
84 100
49 139.4 110.7 166.1
51 42.5 32.9 49.3
86 65.0 51.1 76.7





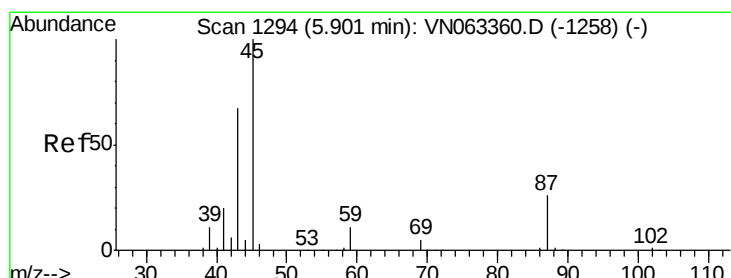
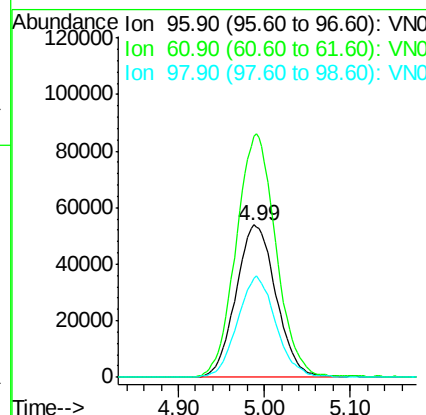
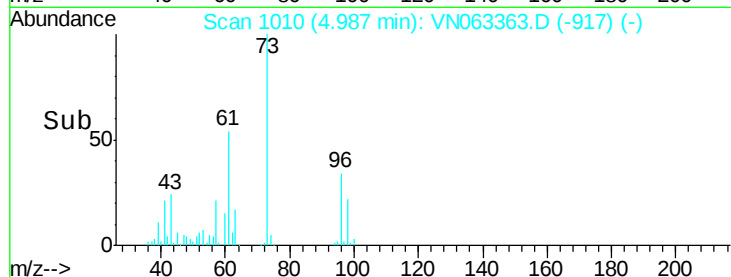
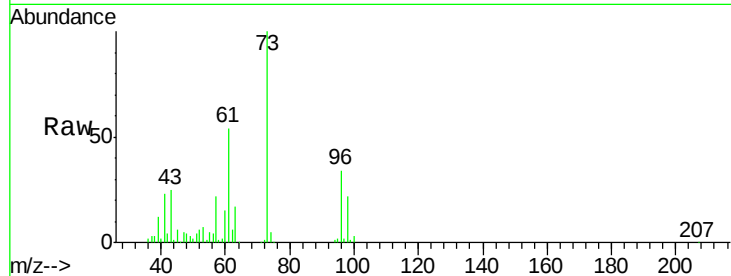
#21
trans-1,2-Dichloroethene
Concen: 48.771 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampled :
ICVVN091620

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	157.6	126.2	189.4	
98	65.3	51.0	76.4	

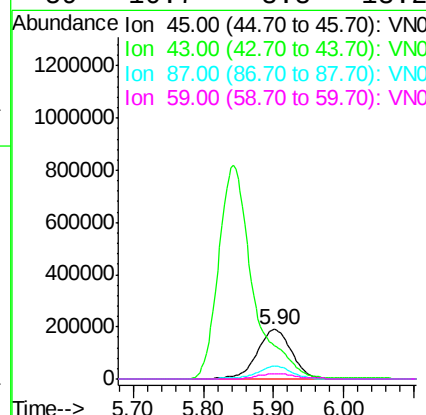
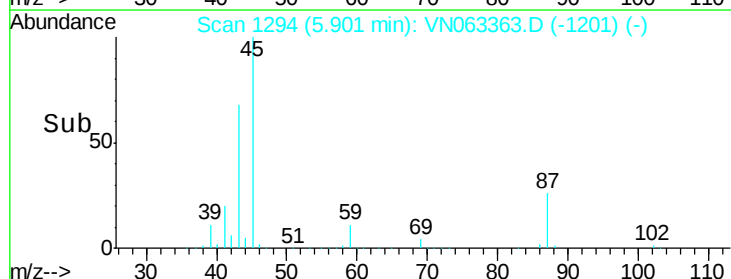
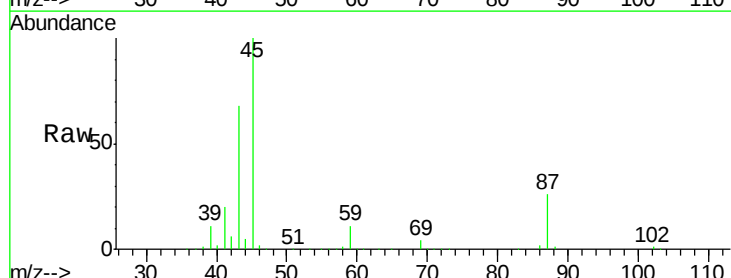
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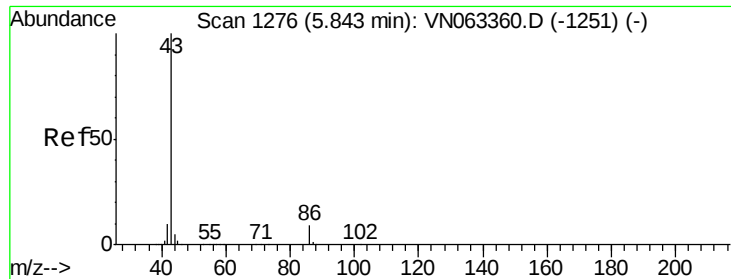
MMDadoda
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#22
Diisopropyl ether
Concen: 49.984 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	66.2	53.5	80.3	
87	25.6	21.2	31.8	
59	10.7	8.8	13.2	





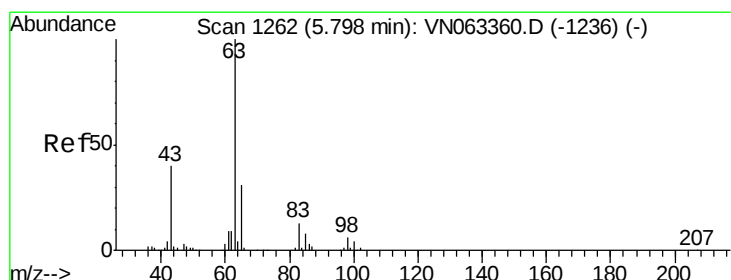
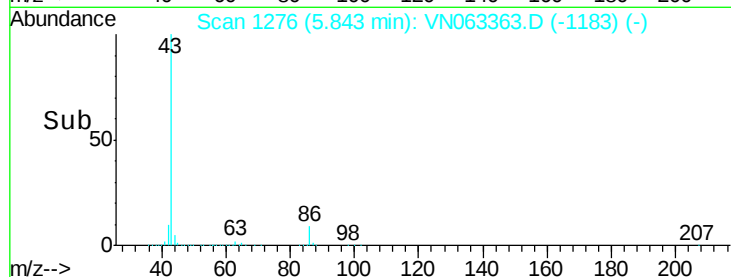
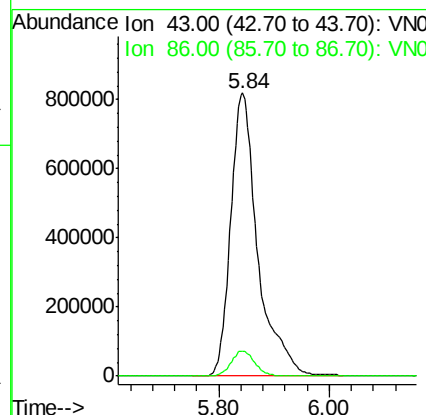
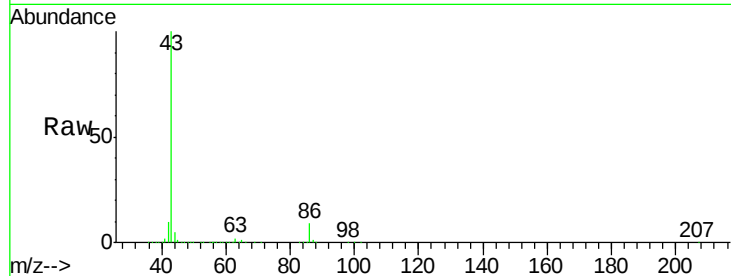
#23
 Vinyl Acetate
 Concen: 259.883 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Tot Ion: 43 Resp: 2788200
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7

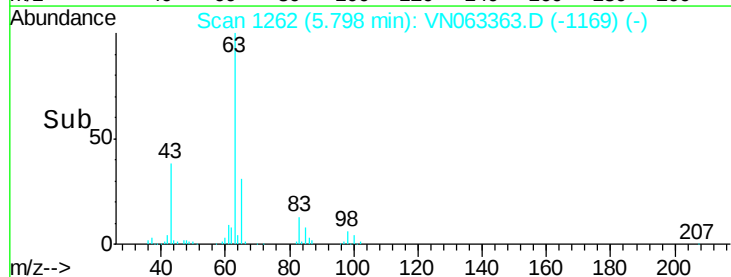
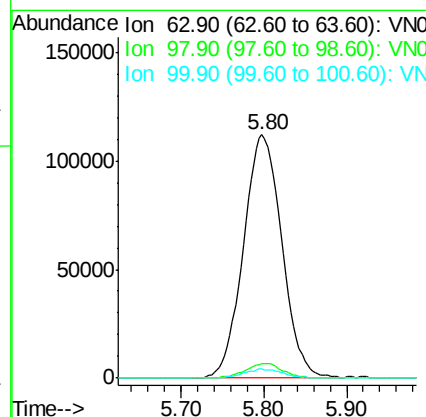
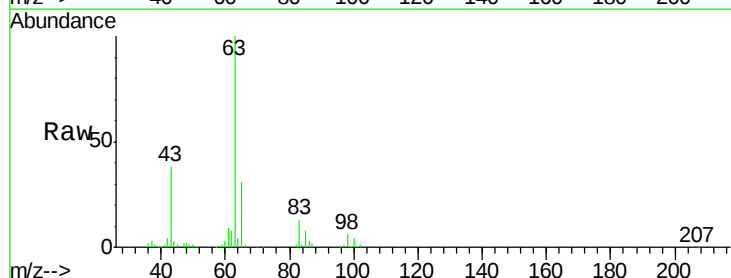
Manual Integrations
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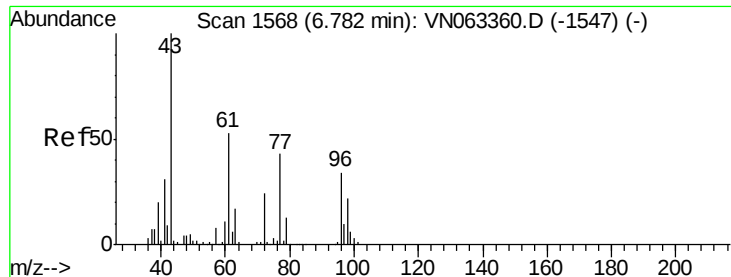
MMDadoda
 9/17/2020 1:07:57 PM



#24
 1,1-Dichloroethane
 Concen: 50.641 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion: 63 Resp: 361181
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 3.7 2.1 6.3





#25

2-Butanone

Concen: 240.219 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampled :

ICVVN091620

Tot Ion: 43 Resp: 579991

Ion Ratio Lower Upper

43 100

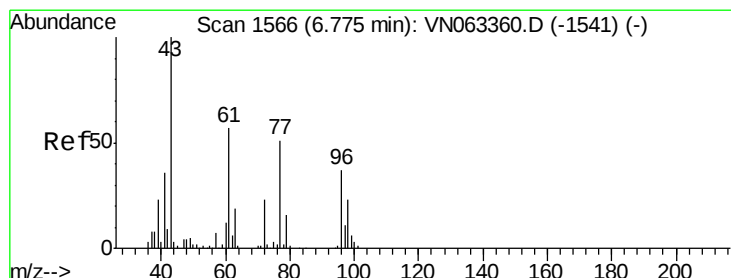
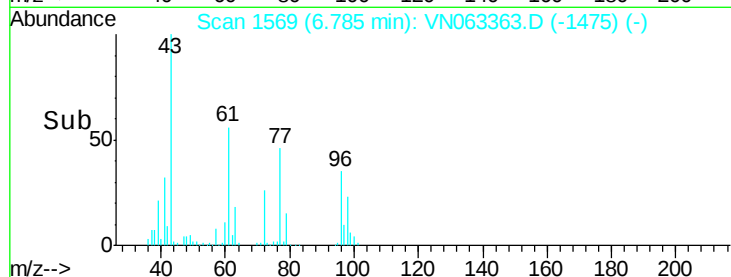
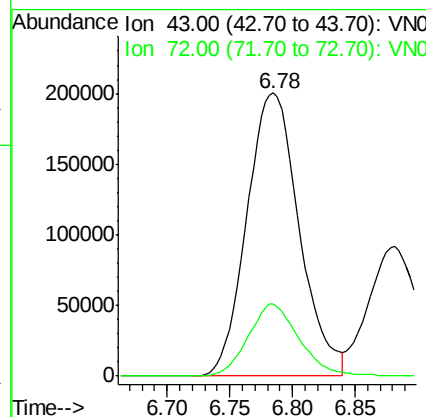
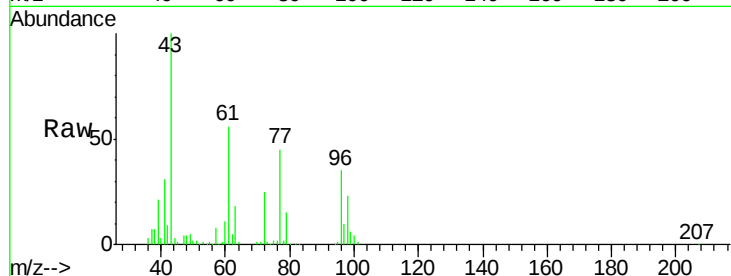
72 25.5 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.824 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063363.D

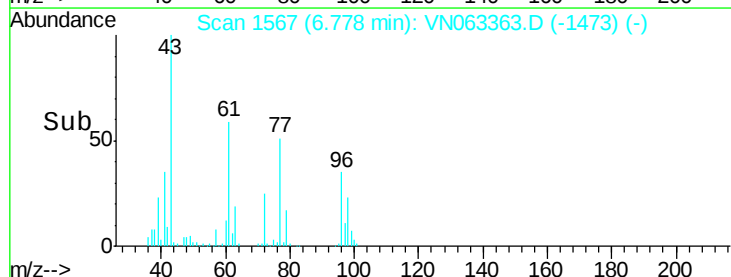
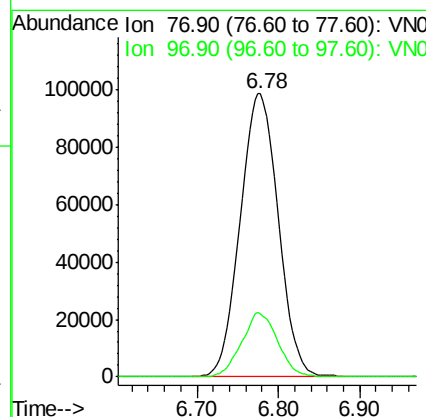
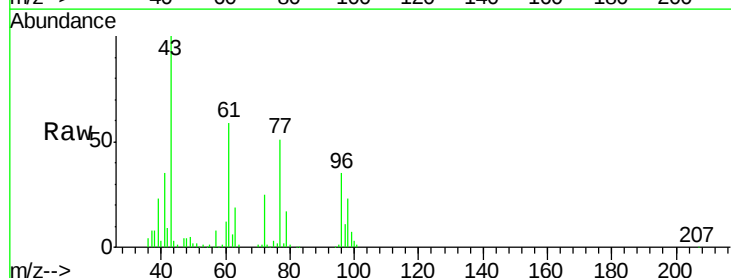
Acq: 16 Sep 2020 13:31

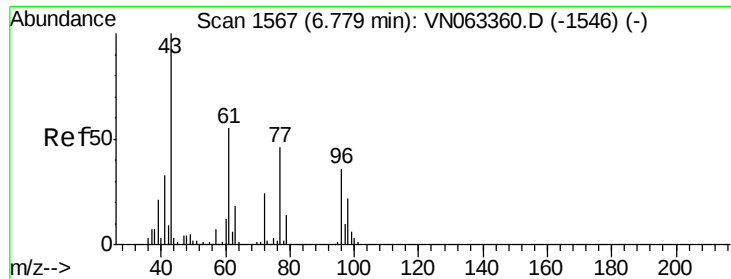
Tgt Ion: 77 Resp: 319146

Ion Ratio Lower Upper

77 100

97 21.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 50.654 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

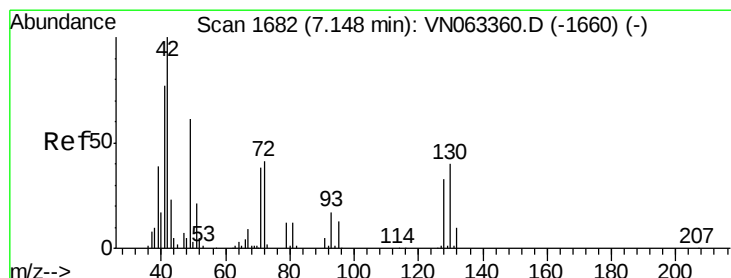
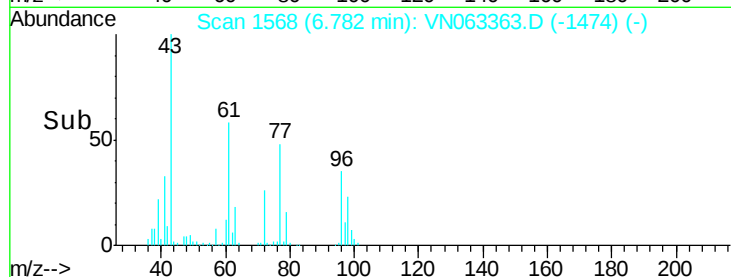
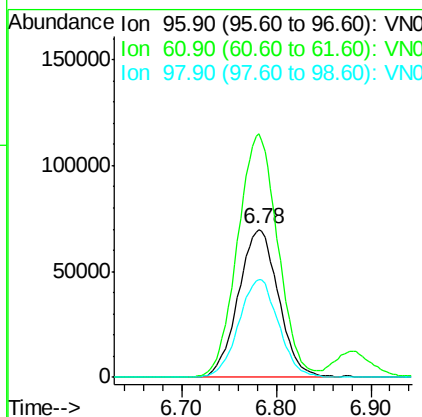
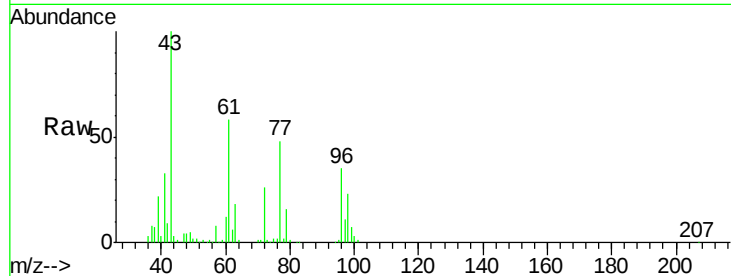
ClientSampleId :

ICVVN091620

Tot Ion:	96	Resp:	205700
Ion	Ratio	Lower	Upper
96	100		
61	164.9	0.0	319.6
98	65.8	0.0	127.8

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#28

Bromochloromethane

Concen: 48.727 ug/l

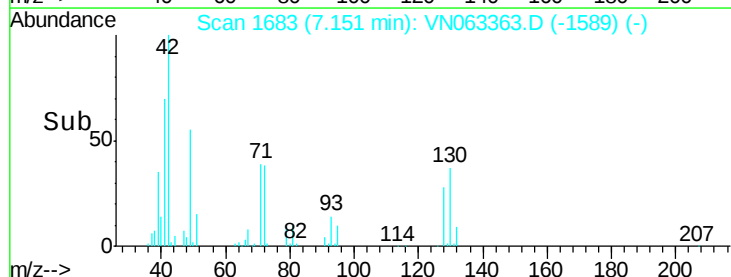
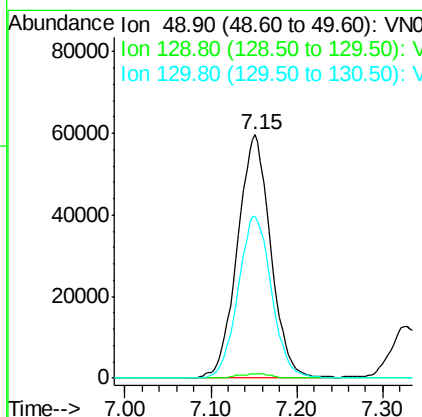
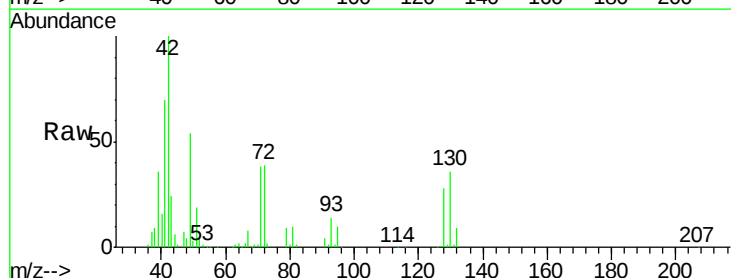
RT: 7.15 min Scan# 1683

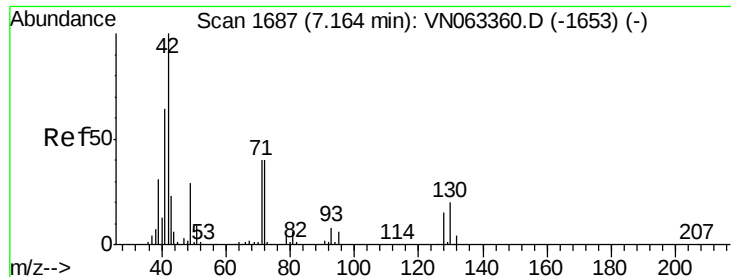
Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Tgt Ion:	49	Resp:	160463
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	66.8	52.2	78.2





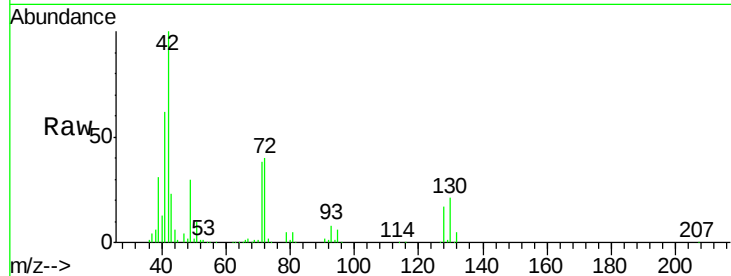
#29
Tetrahydrofuran
Concen: 243.709 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

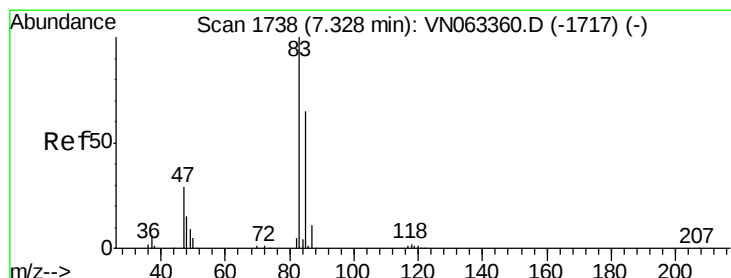
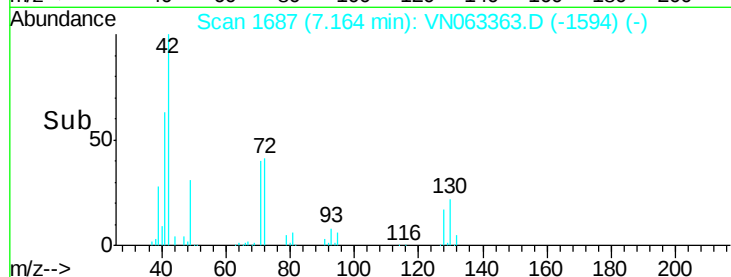
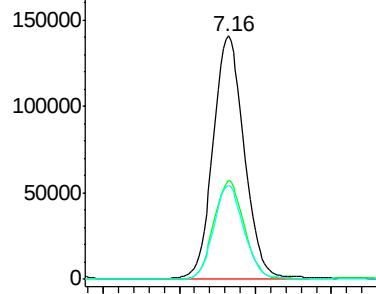
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.1	48.1
71	37.5	31.2	46.8

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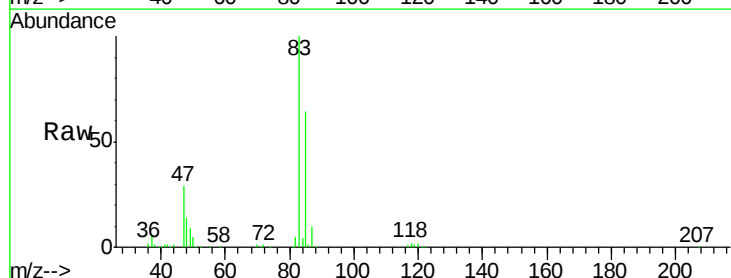


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

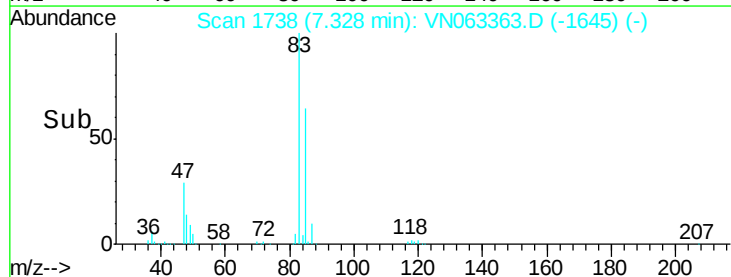
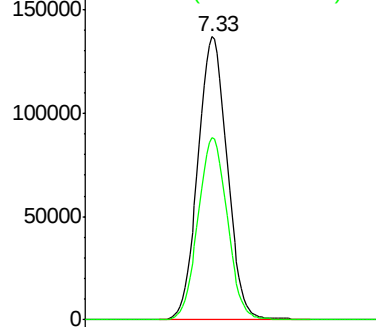


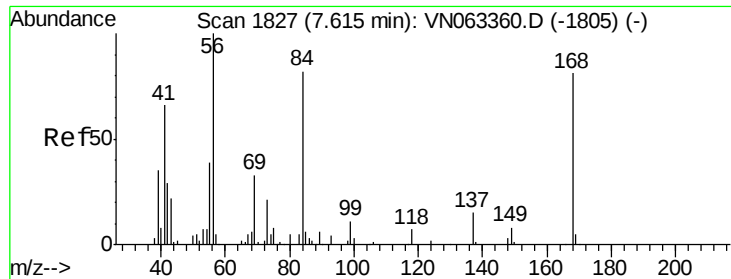
#30
Chloroform
Concen: 50.285 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





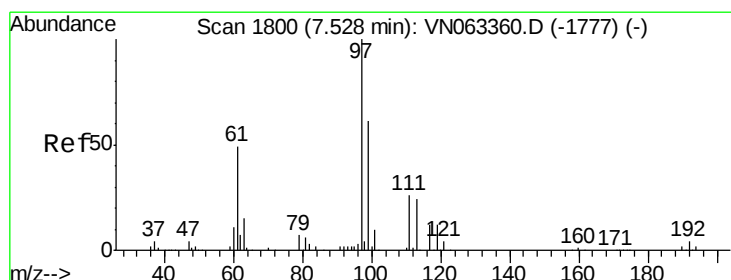
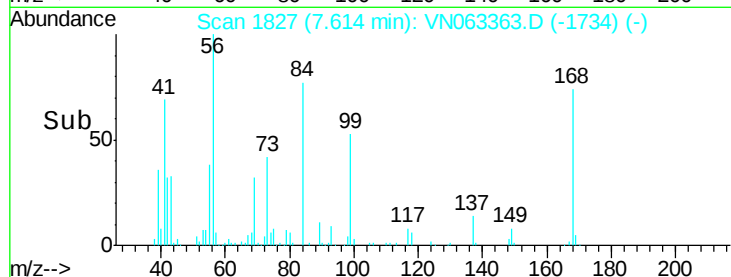
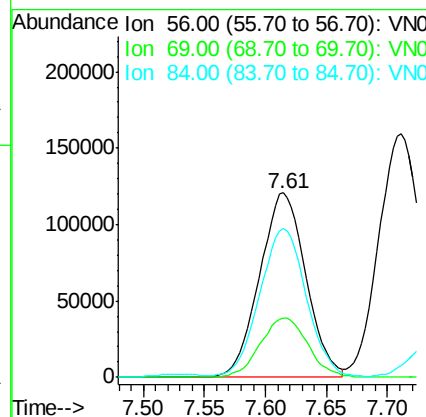
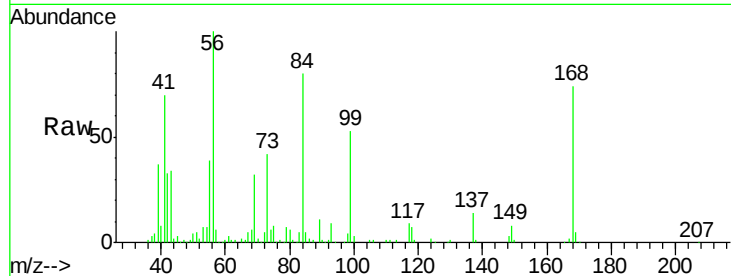
#31
Cyclohexane
Concen: 47.235 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.1	39.1
84	78.7	65.4	98.2

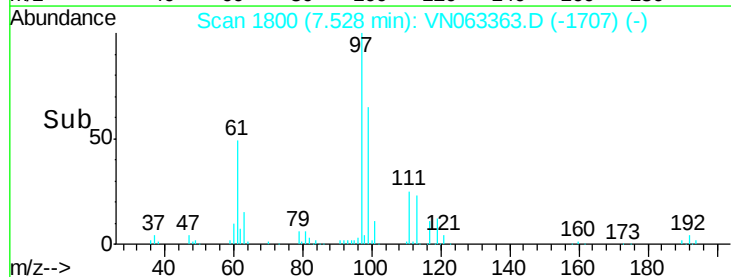
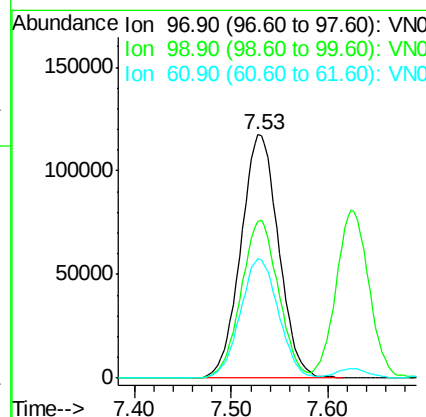
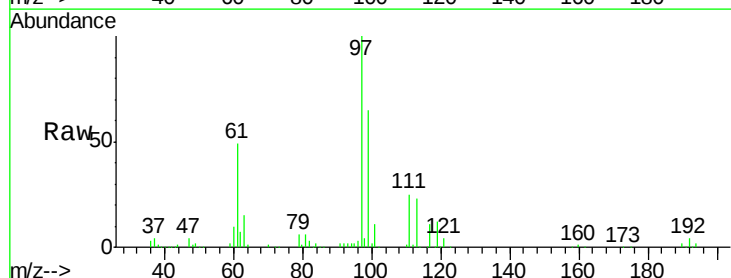
Manual Integrations
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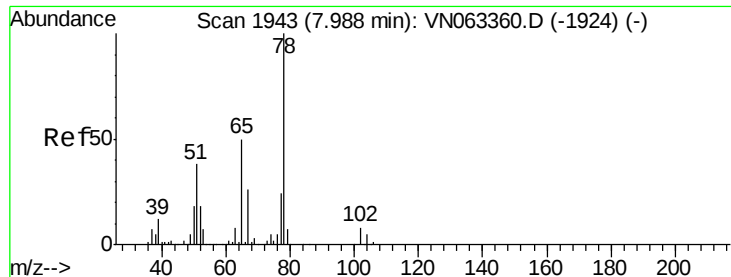
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#32
1,1,1-Trichloroethane
Concen: 50.015 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	49.4	39.2	58.8





#33

1,2-Dichloroethane-d4

Concen: 47.851 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion: 65 Resp: 233737

Ion Ratio Lower Upper

65 100

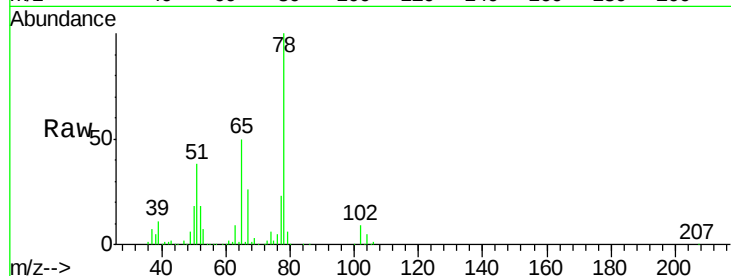
67 51.6 0.0 104.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN063363.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063363.D (-1850) (-)

7.99

100000

80000

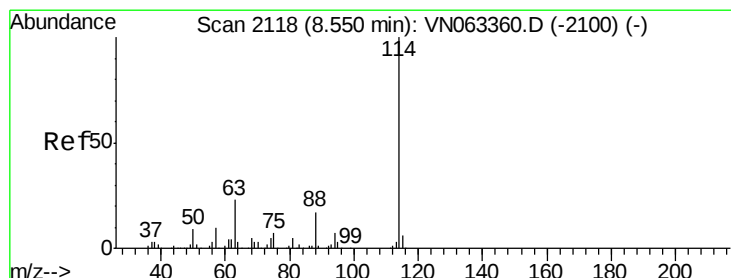
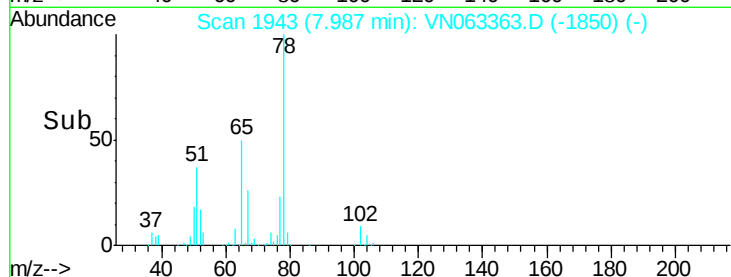
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

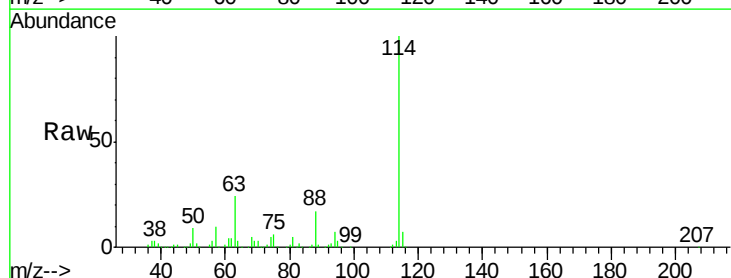
Tgt Ion: 114 Resp: 502997

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.4

88 17.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063363.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063363.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063363.D (-2025) (-)

8.55

300000

250000

200000

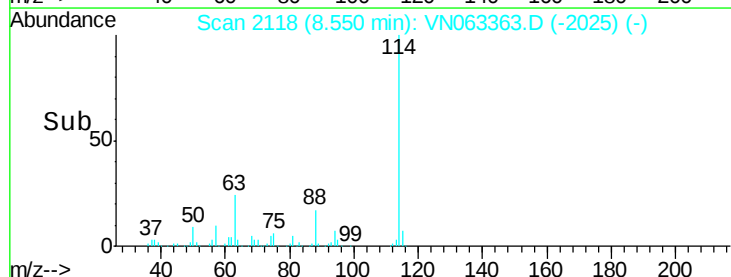
150000

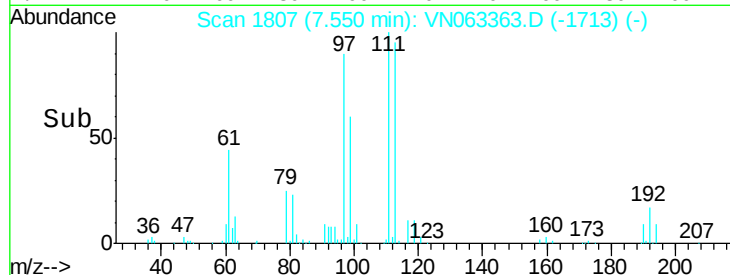
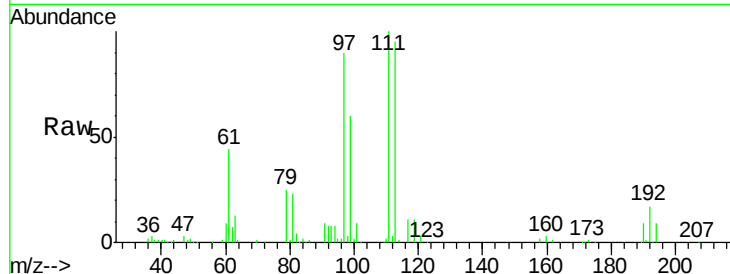
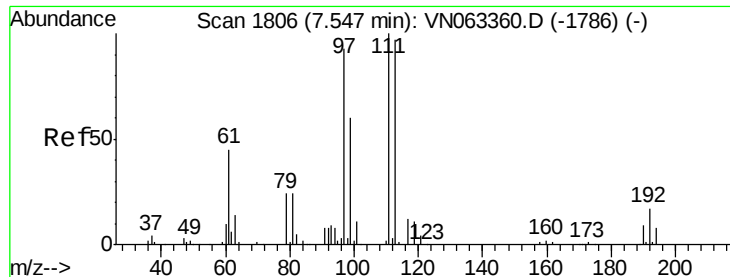
100000

50000

0

Time-->





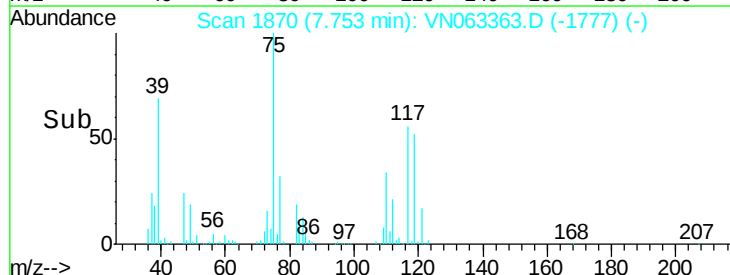
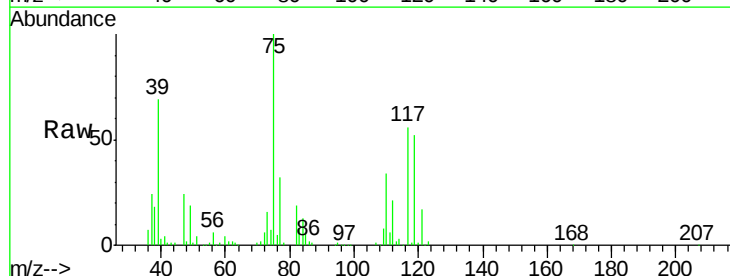
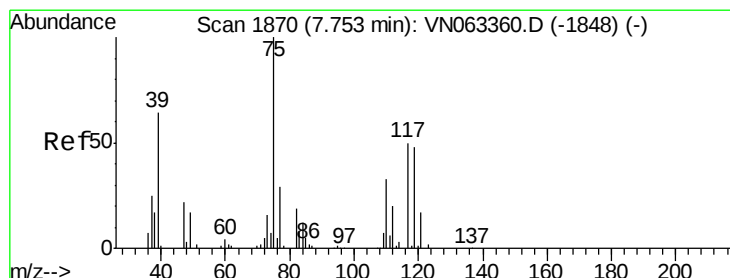
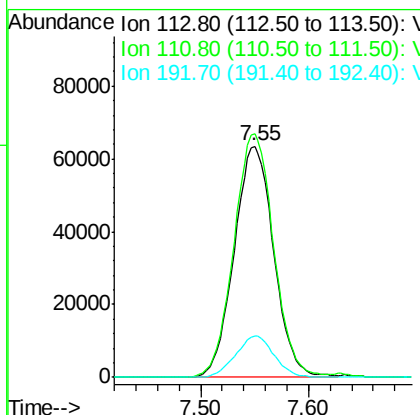
#35
Dibromofluoromethane
Concen: 46.551 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tot Ion	Ratio	Resp	Lower	Upper
113	100	162099		
111	105.7	82.9	124.3	
192	17.5	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

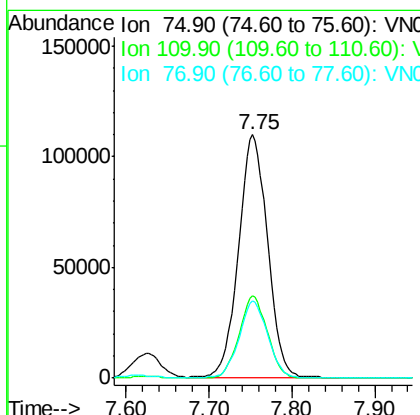
Manual Integrations
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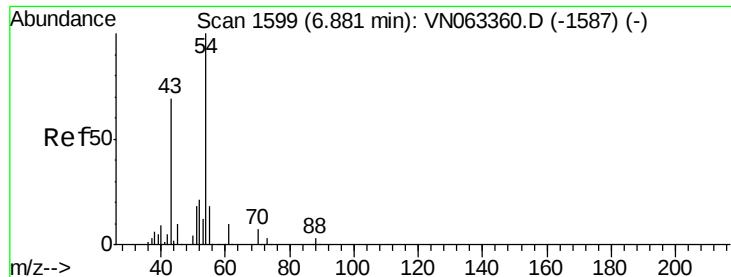
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#36
1,1-Dichloropropene
Concen: 49.810 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	266920		
110	32.9	16.5	49.5	
77	31.6	24.6	36.8	





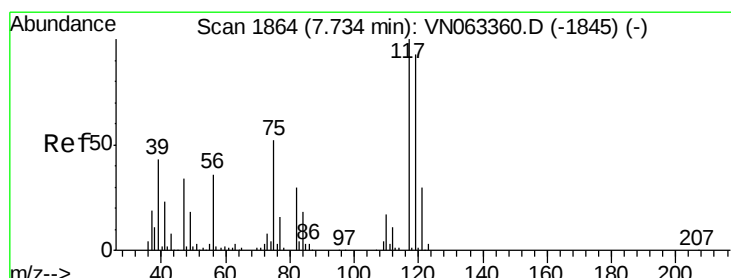
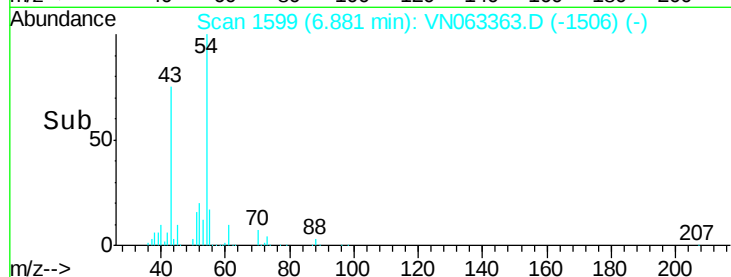
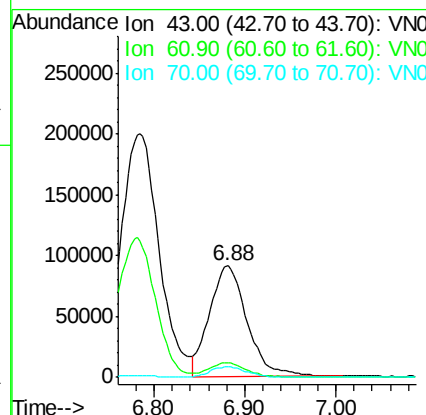
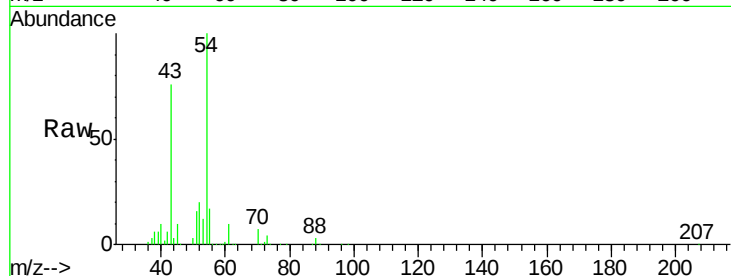
#37
Ethyl Acetate
Concen: 49.831 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	15.8
70	9.0	7.2	10.8

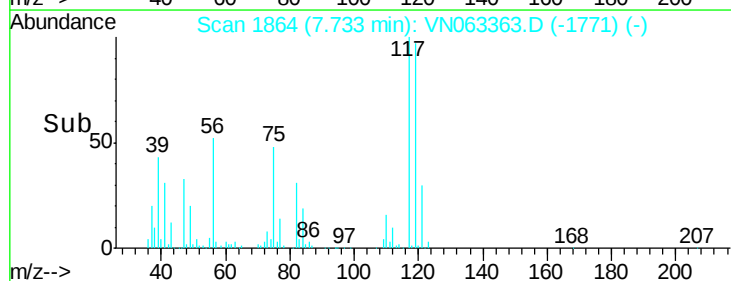
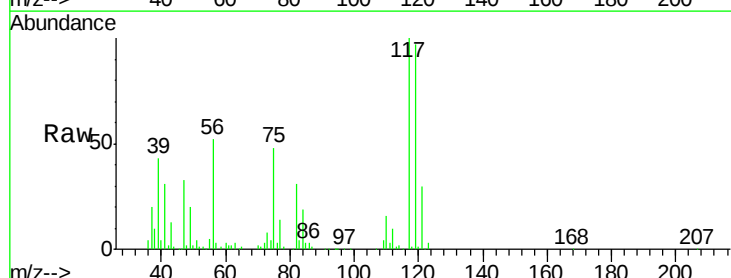
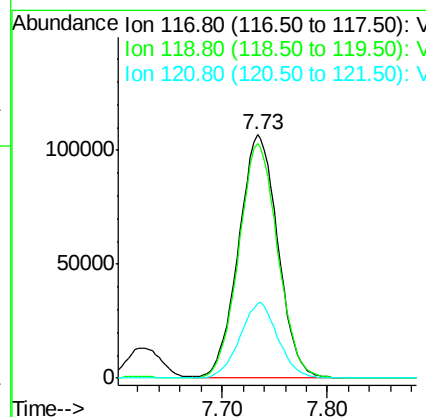
Manual Integrations
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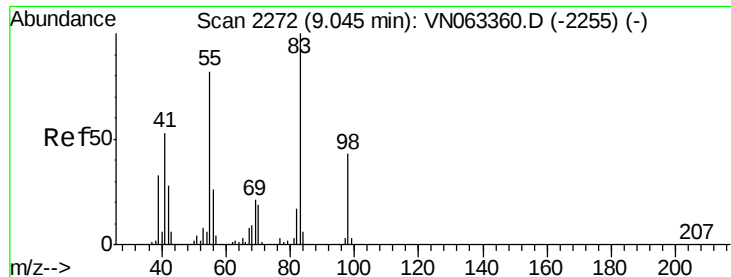
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#38
Carbon Tetrachloride
Concen: 50.250 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.5	111.7
121	30.5	24.1	36.1





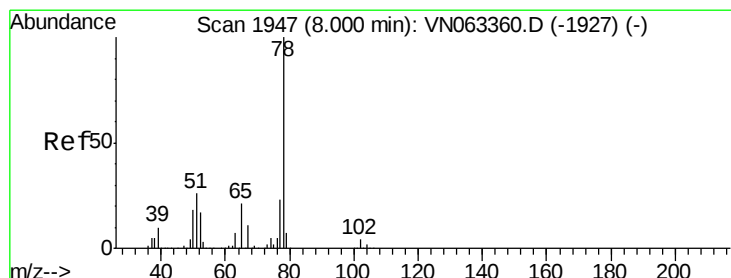
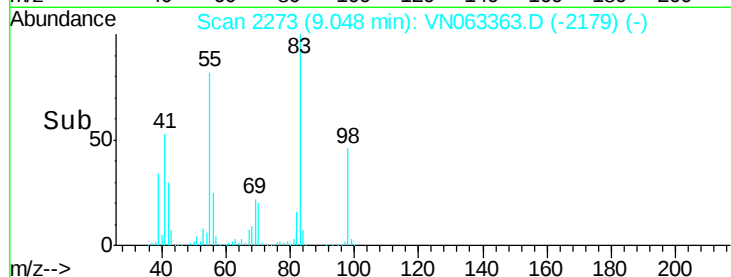
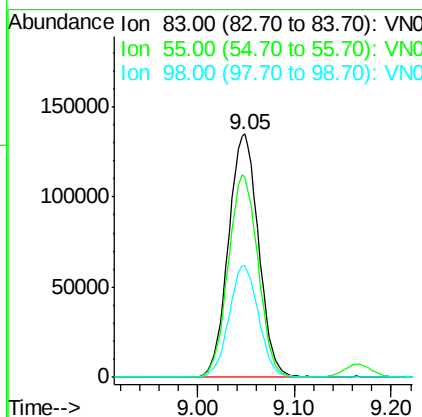
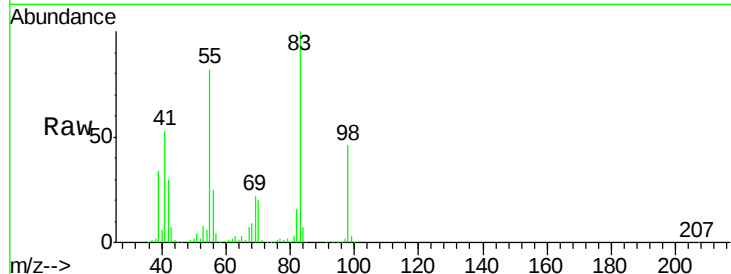
#39
Methylvlcvclohexane
Concen: 50.171 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Resp	Lower	Upper
83	100	291791		
55	82.2	65.5	98.3	
98	45.7	34.2	51.4	

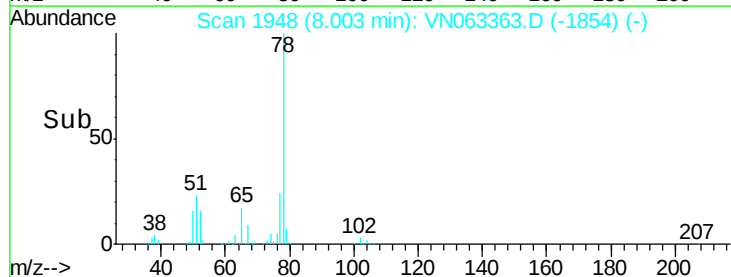
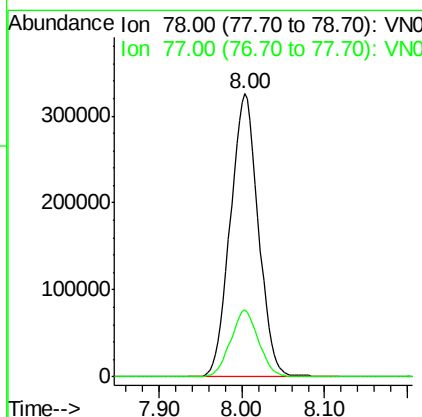
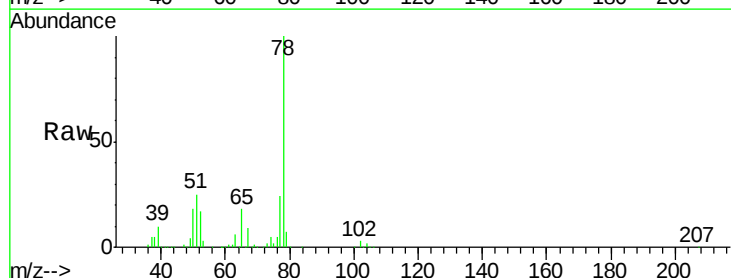
Manual Integrations
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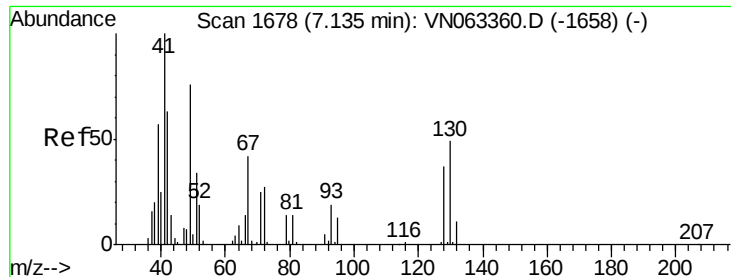
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#40
Benzene
Concen: 50.066 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	765865		
77	23.9	18.3	27.5	





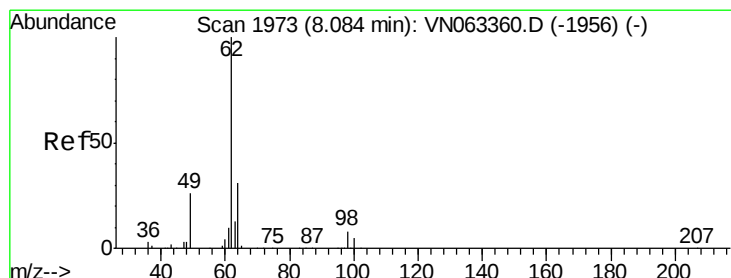
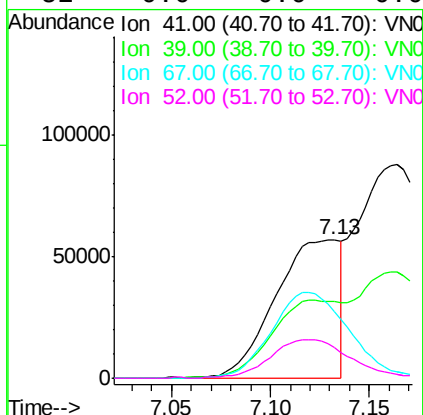
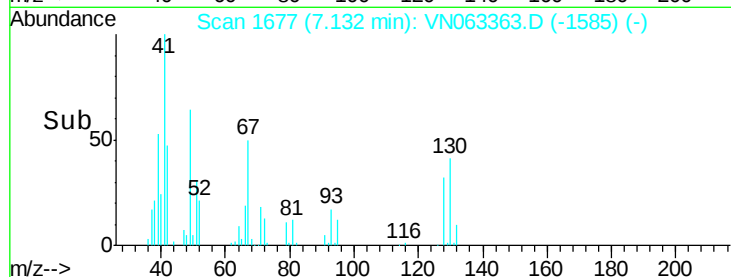
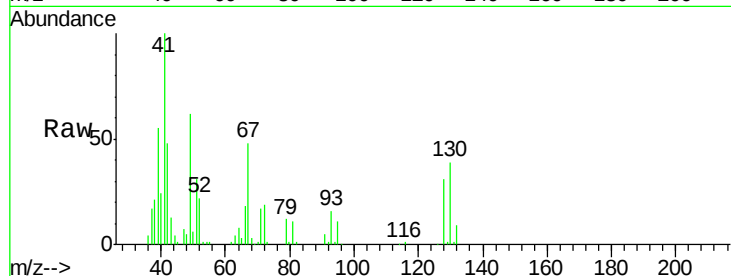
#41
Methacrylonitrile
Concen: 54.751 ug/l m
RT: 7.13 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Resp	Lower	Upper
41	100	129512		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

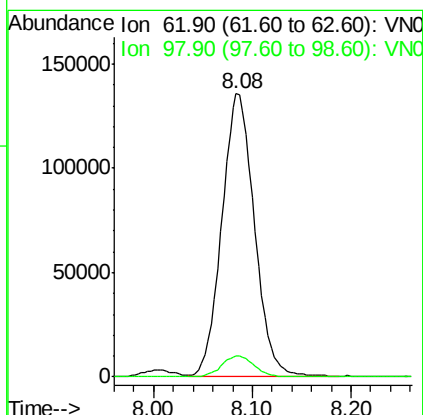
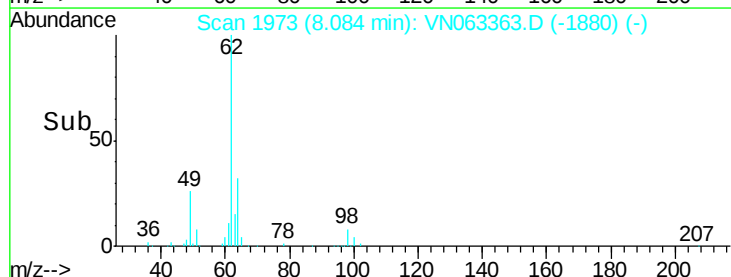
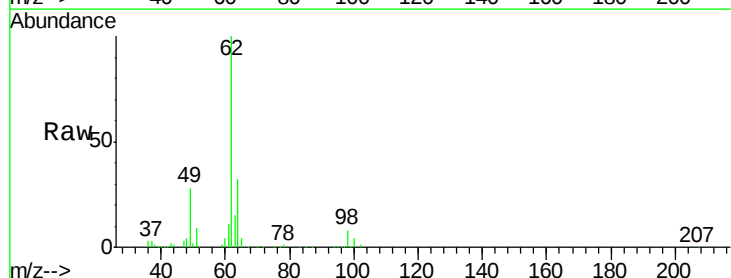
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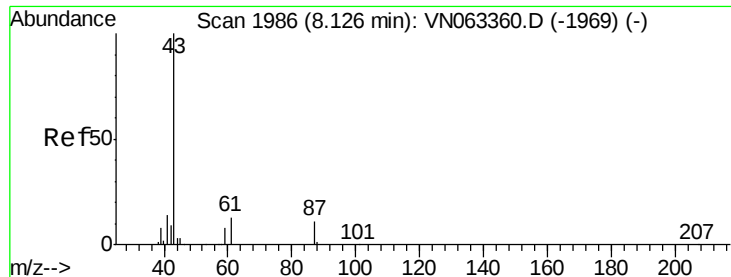
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.792 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	312462		
98	7.4	0.0	15.6	





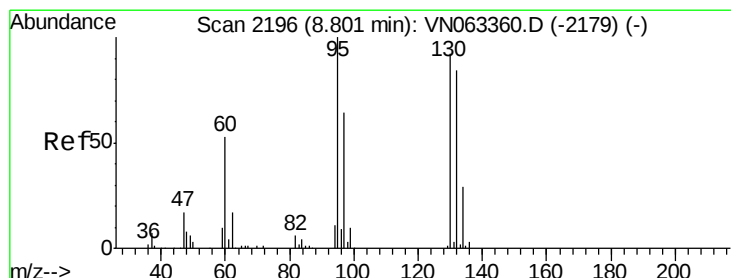
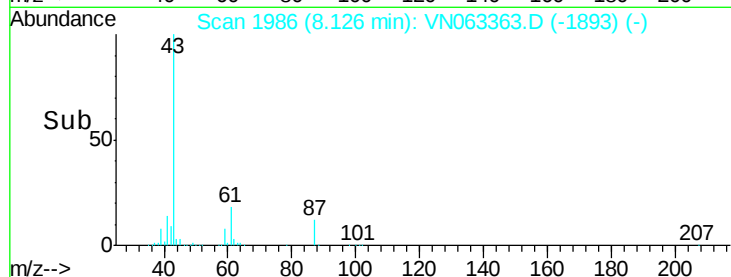
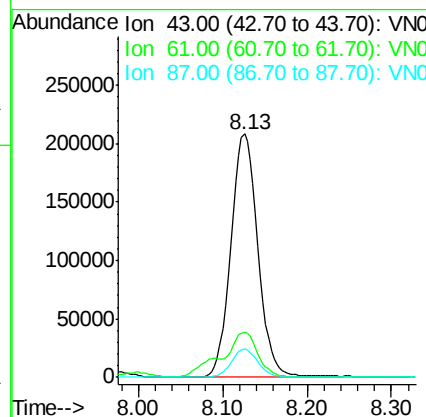
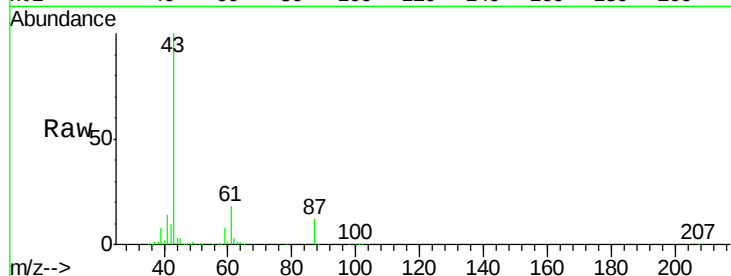
#43
Isopropyl Acetate
Concen: 49.232 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.2	21.2
87	11.6	9.0	13.6

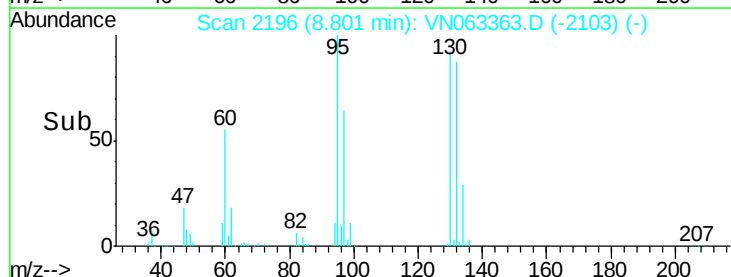
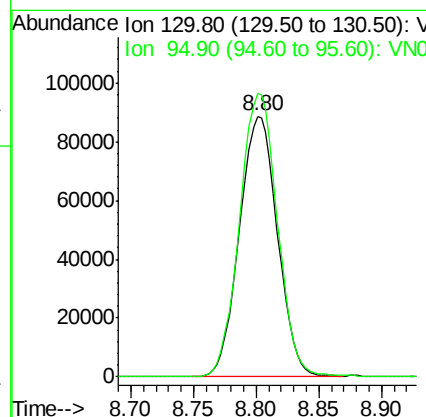
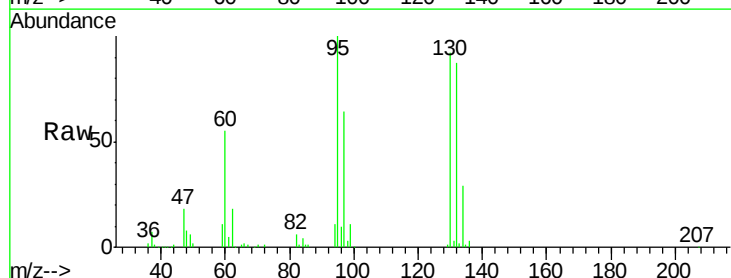
Manual Integrations
APPROVED

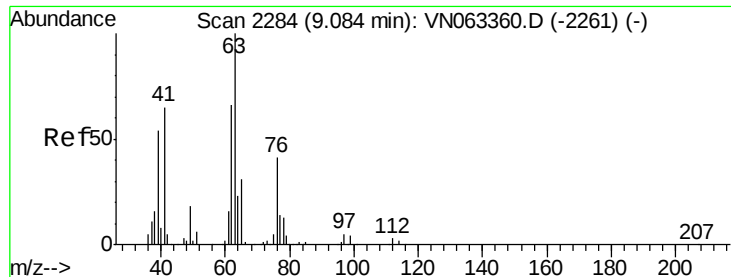
MMDadoda
9/17/2020 1:07:57 PM



#44
Trichloroethene
Concen: 50.539 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.7	0.0	217.4





#45

1,2-Dichloropropane

Concen: 50.790 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion: 63 Resp: 211606

Ion Ratio Lower Upper

63 100

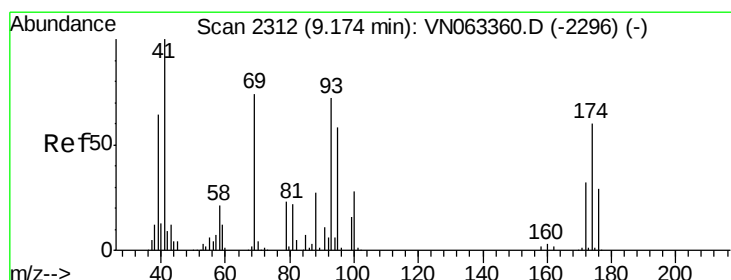
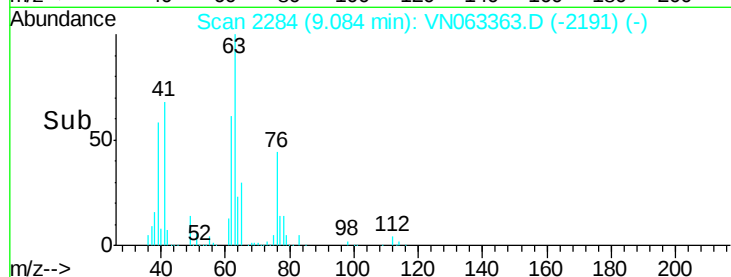
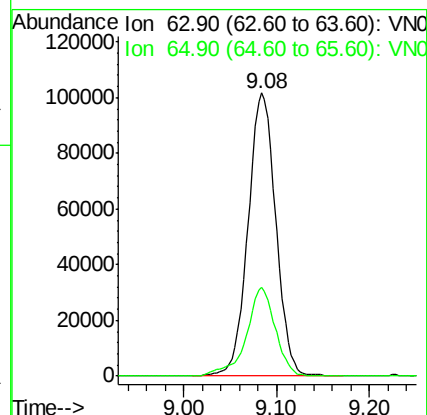
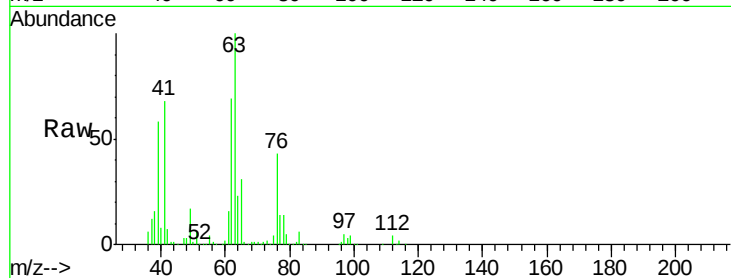
65 31.2 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 49.926 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

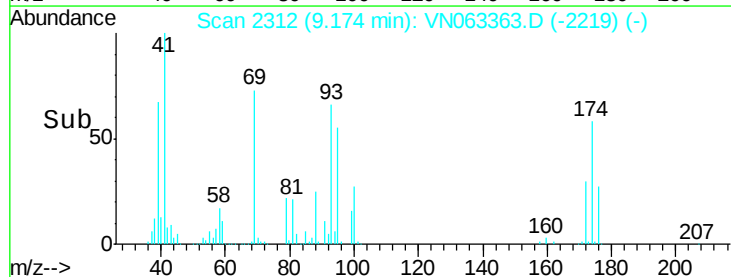
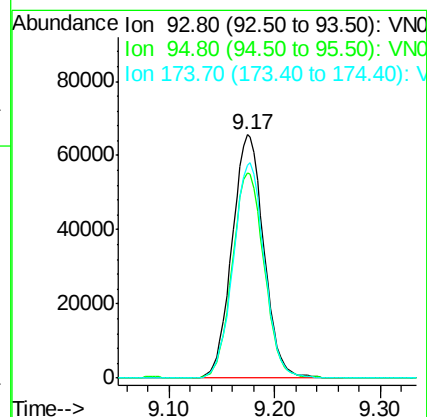
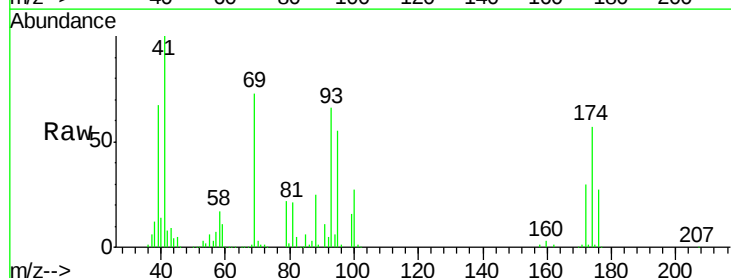
Tgt Ion: 93 Resp: 136714

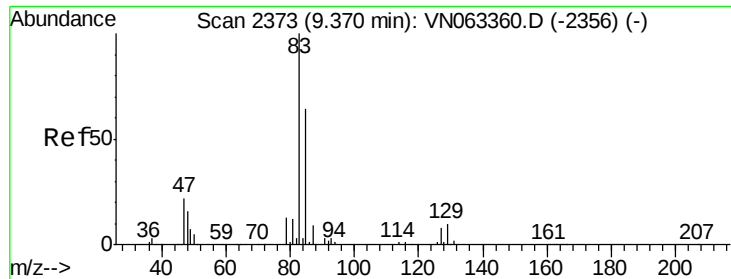
Ion Ratio Lower Upper

93 100

95 84.3 65.6 98.4

174 87.0 68.1 102.1





#47

Bromodichloromethane

Concen: 51.115 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

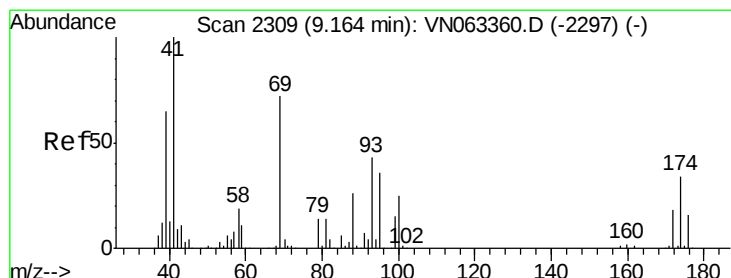
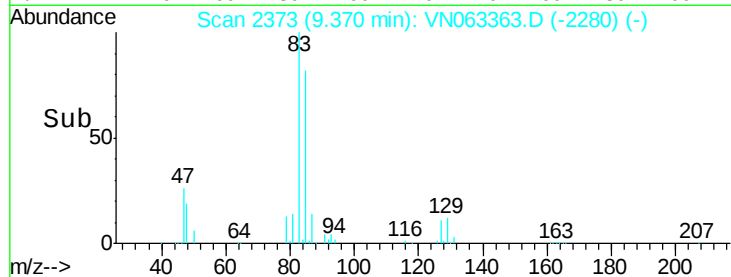
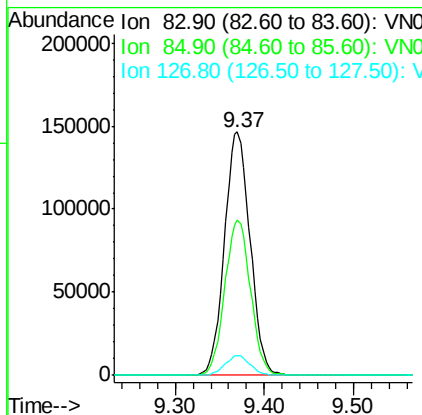
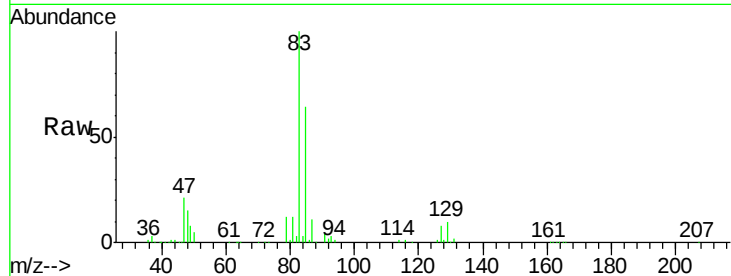
ClientSampleId :

ICVVN091620

Tot Ion:	83	Resp:	290783
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.0	76.6
127	8.3	6.3	9.5

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#48

Methyl methacrylate

Concen: 48.483 ug/l

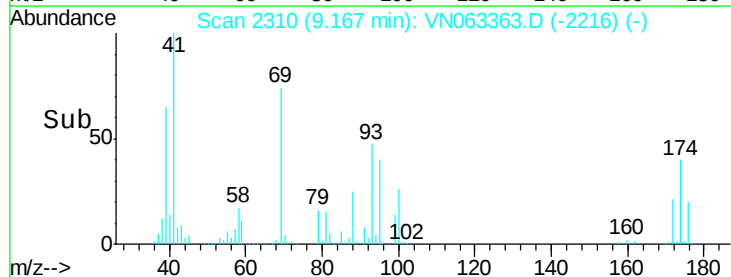
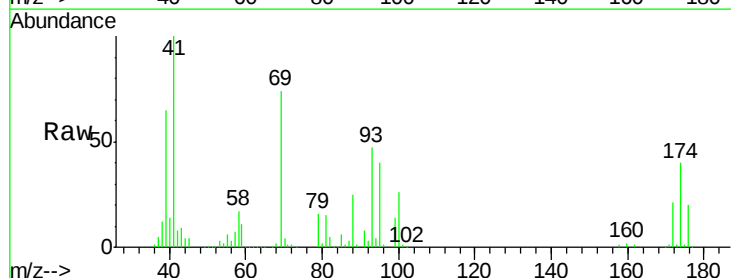
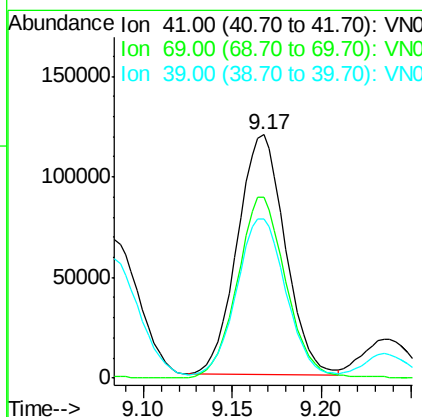
RT: 9.17 min Scan# 2310

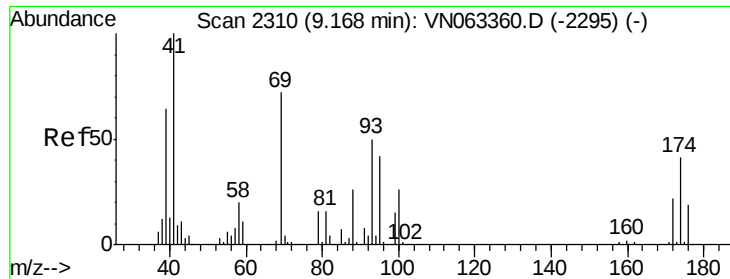
Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Tgt Ion:	41	Resp:	224009
Ion Ratio	Lower	Upper	
41	100		
69	76.7	59.3	88.9
39	68.9	52.9	79.3





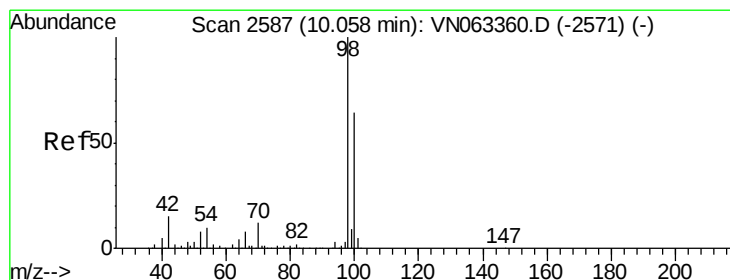
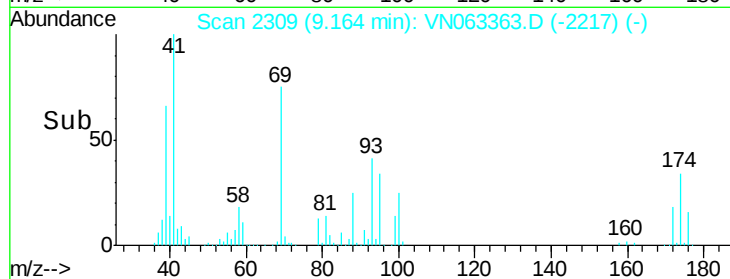
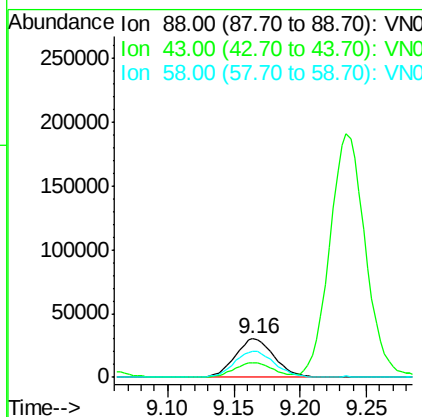
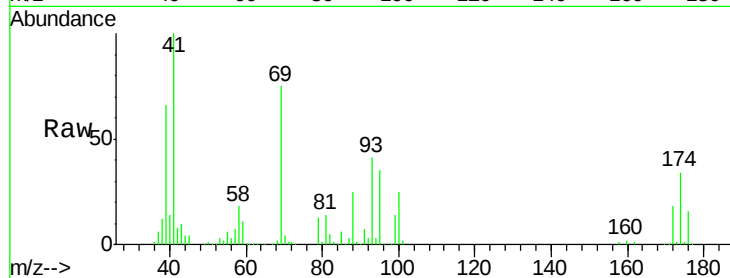
#49
 1,4-Dioxane
 Concen: 940.469 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	32.6	49.0
58	69.7	60.0	90.0

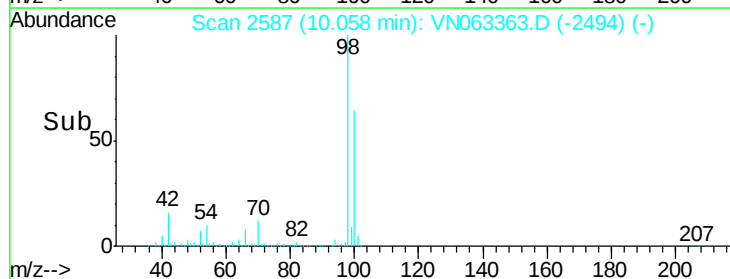
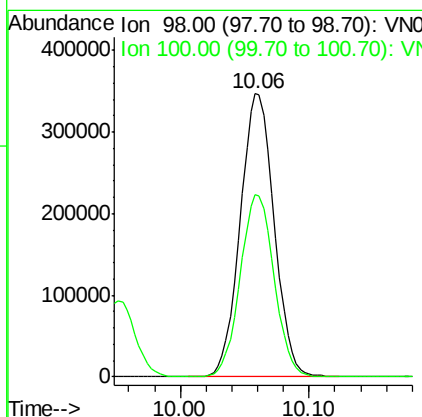
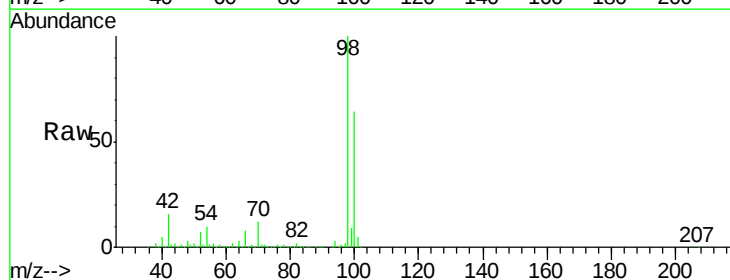
Manual Integrations
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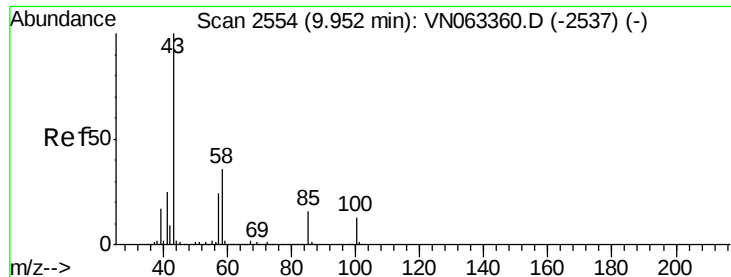
MMDadoda
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#50
 Toluene-d8
 Concen: 48.570 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.7	76.1





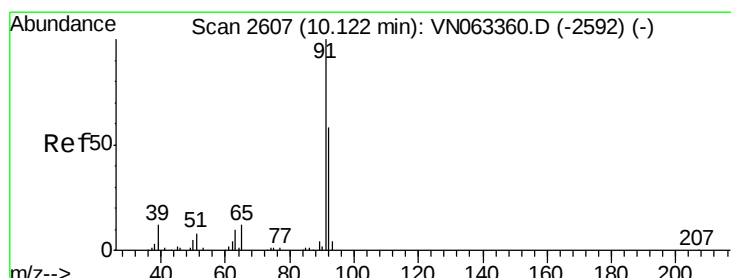
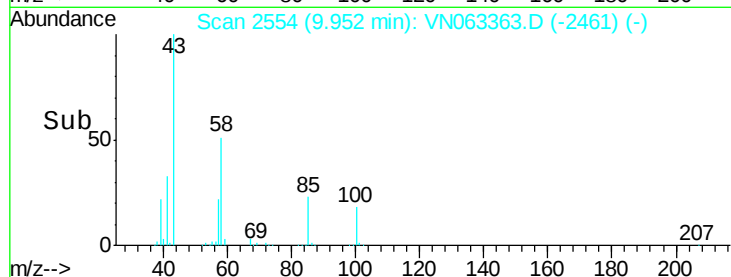
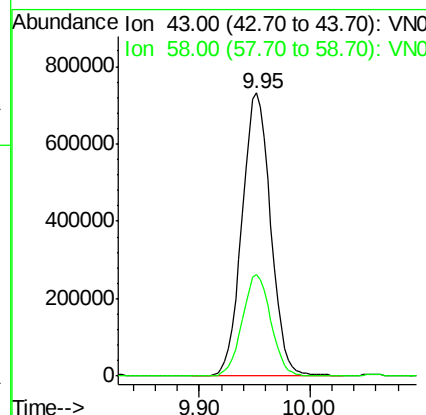
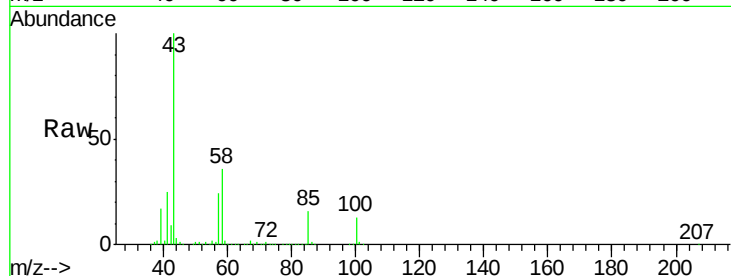
#51
 4-Methyl-2-Pentanone
 Concen: 249.681 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Tot Ion: 43 Resp: 1314531
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.0 43.6

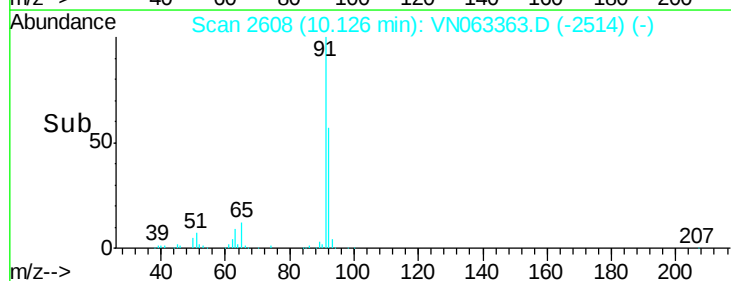
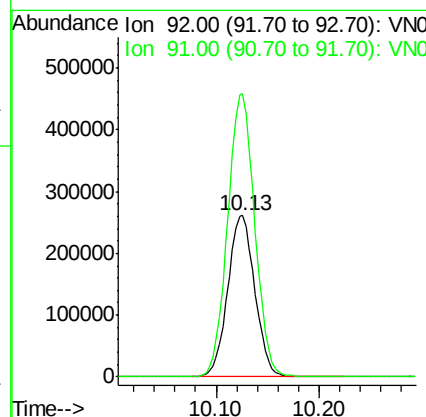
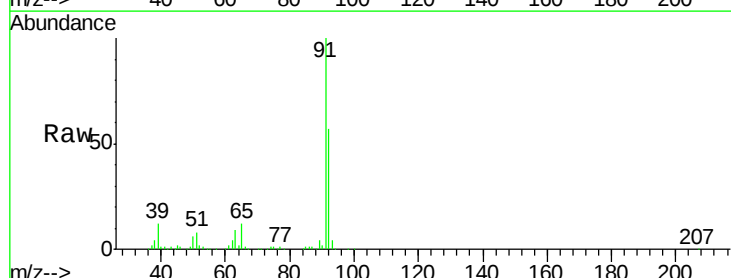
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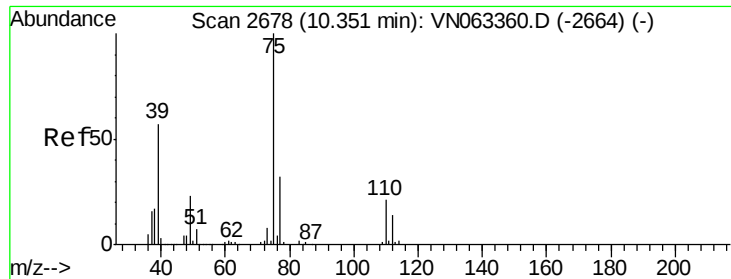
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#52
 Toluene
 Concen: 51.959 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion: 92 Resp: 477875
 Ion Ratio Lower Upper
 92 100
 91 176.4 139.7 209.5





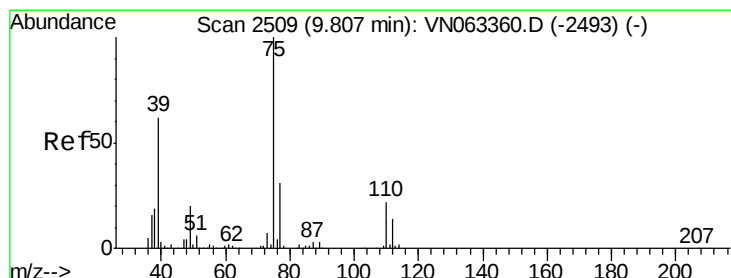
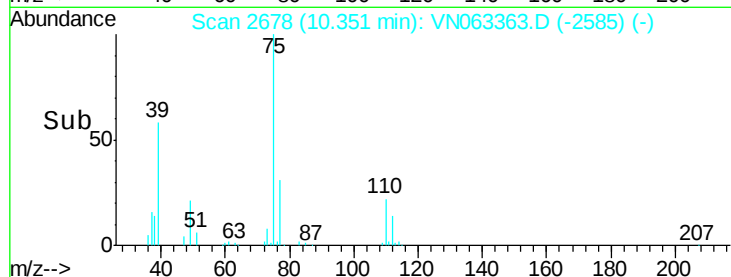
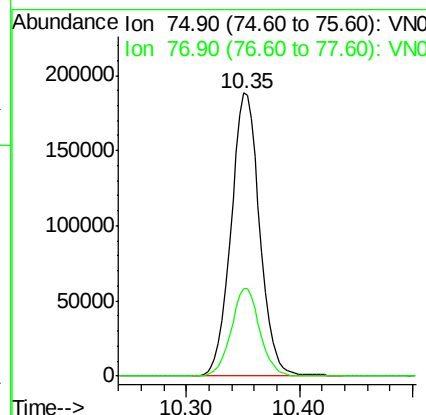
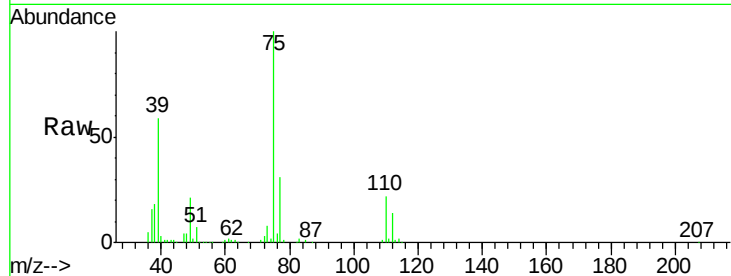
#53
t-1,3-Dichloropropene
Concen: 52.216 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampled :
ICVVN091620

Tot Ion: 75 Resp: 331617
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

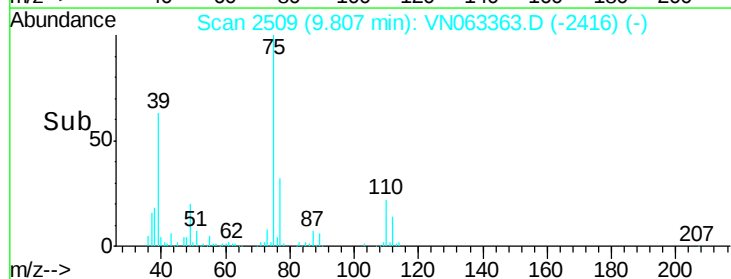
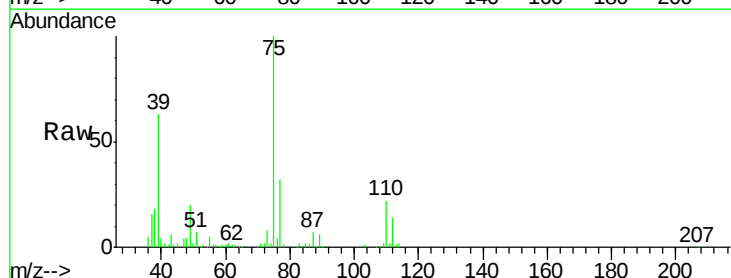
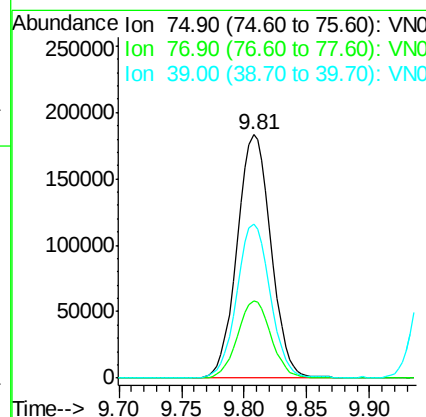
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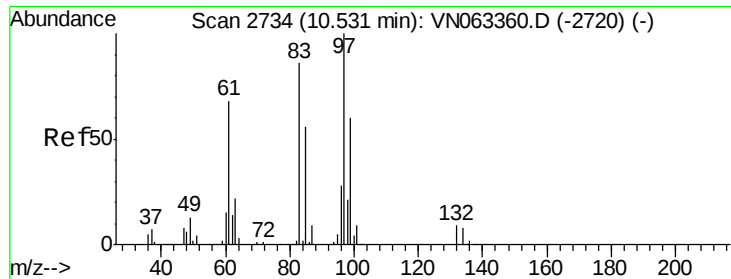
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#54
cis-1,3-Dichloropropene
Concen: 51.407 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion: 75 Resp: 344374
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0
39 63.3 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 50.787 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

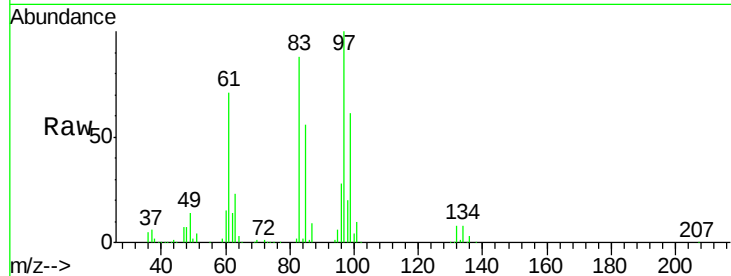
ClientSampleId :

ICVVN091620

Tot Ion:	97	Resp:	185535
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.9	103.3
85	56.0	44.8	67.2
99	61.4	47.8	71.8

Manual Integrations
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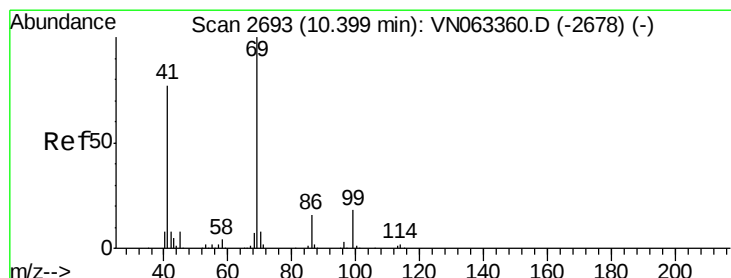
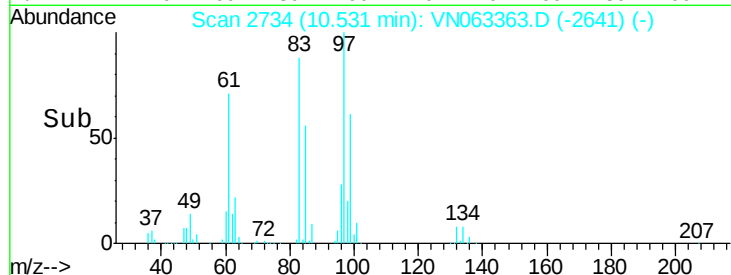
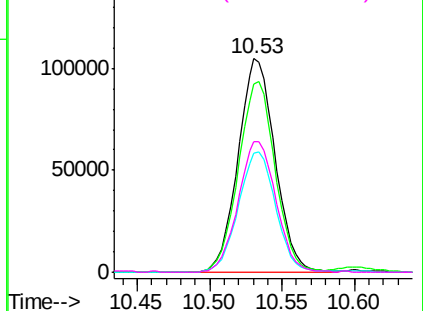


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.738 ug/l

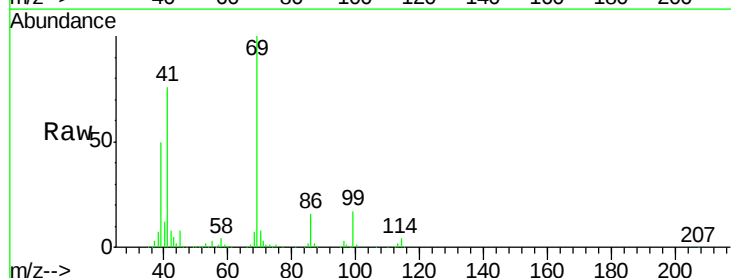
RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

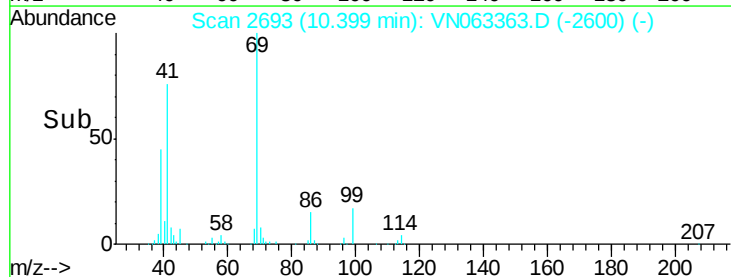
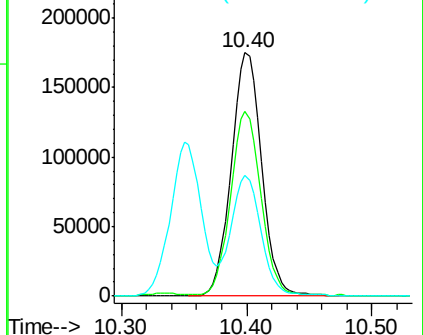
Tgt Ion:	69	Resp:	295063
Ion	Ratio	Lower	Upper
69	100		
41	75.1	61.0	91.6
39	48.9	39.2	58.8



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.307 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion: 76 Resp: 324827

Ion Ratio Lower Upper

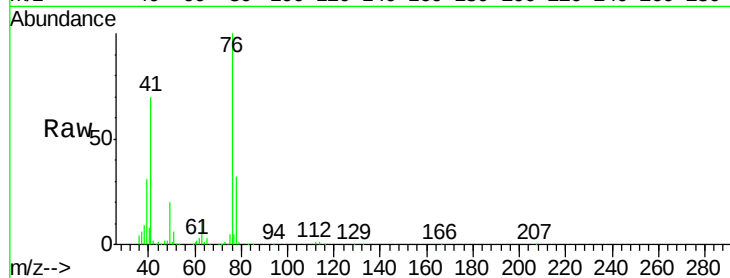
76 100

78 32.7 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

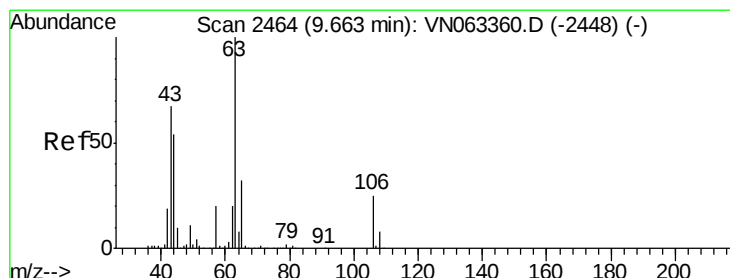
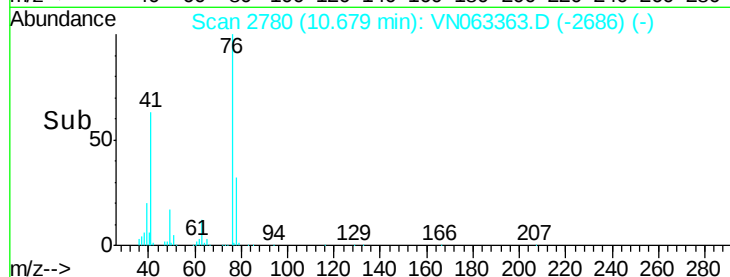
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 270.420 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063363.D

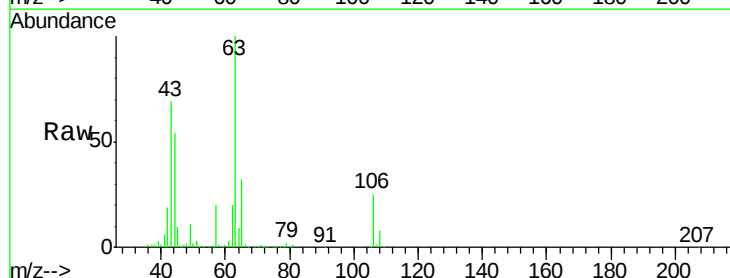
Acq: 16 Sep 2020 13:31

Tgt Ion: 63 Resp: 809014

Ion Ratio Lower Upper

63 100

106 25.2 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

500000

400000

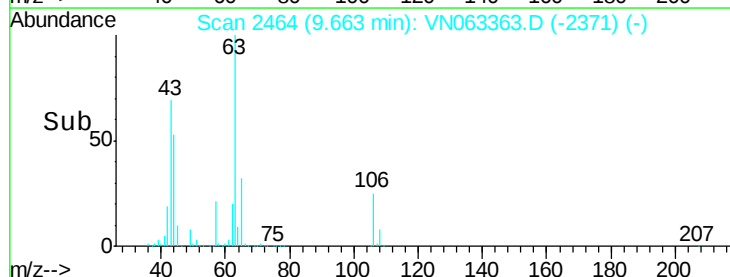
300000

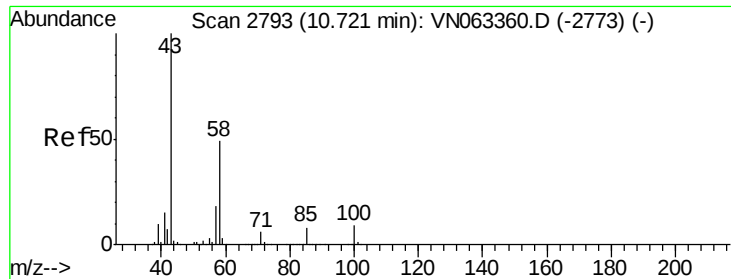
200000

100000

0

Time-->





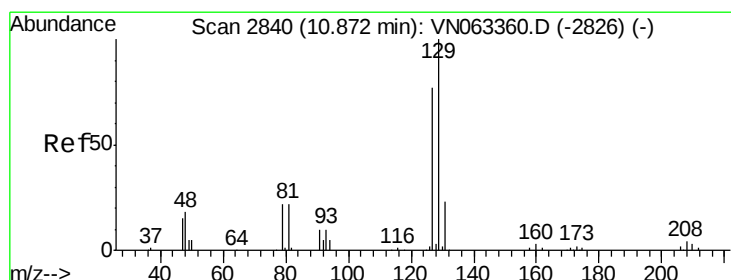
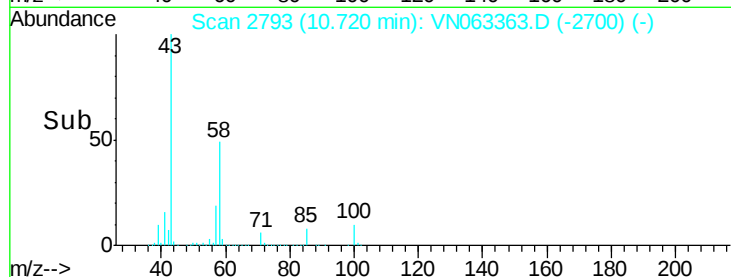
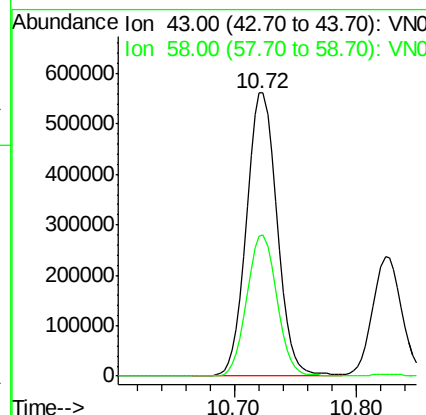
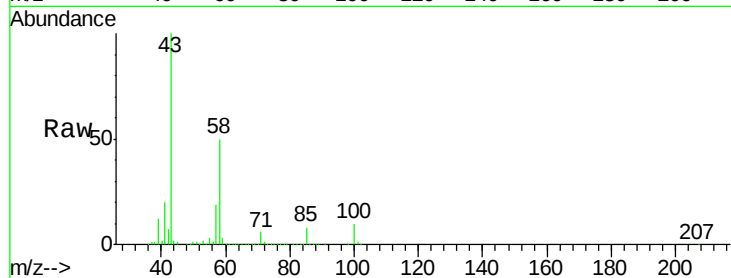
#59
2-Hexanone
Concen: 253.442 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion: 43 Resp: 966684
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1

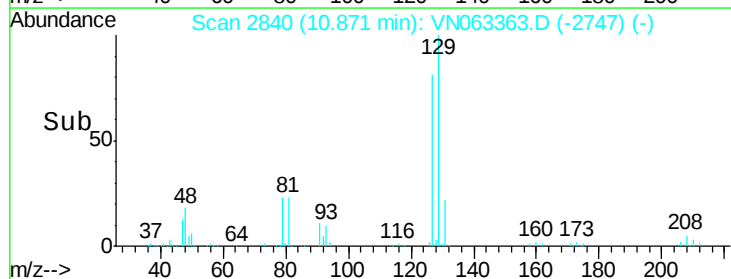
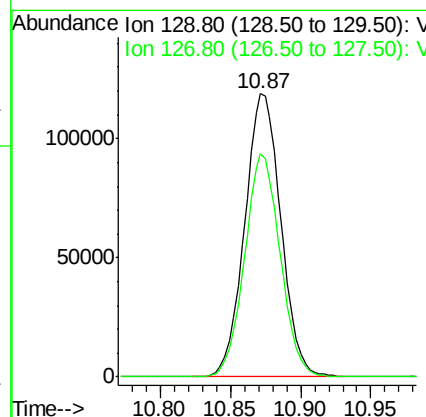
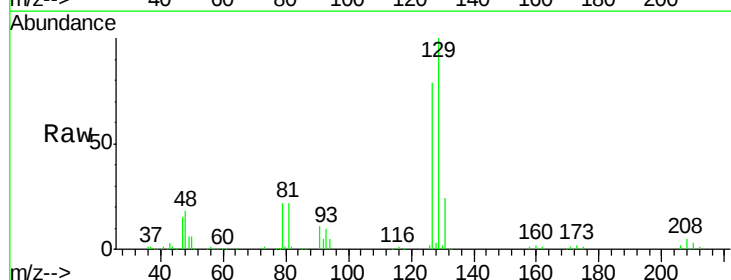
Manual Integrations
APPROVED

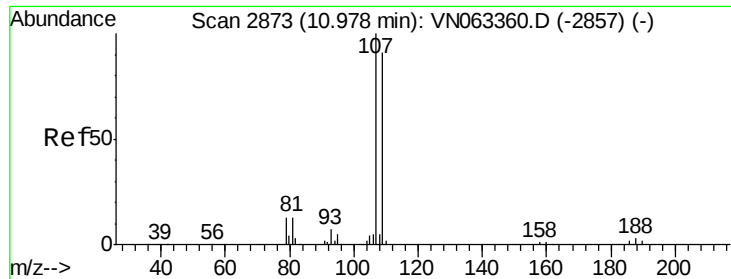
MMDadoda
9/17/2020 1:07:57 PM



#60
Dibromochloromethane
Concen: 51.778 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion: 129 Resp: 213693
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





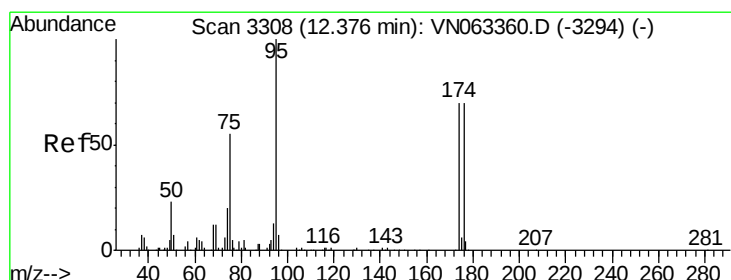
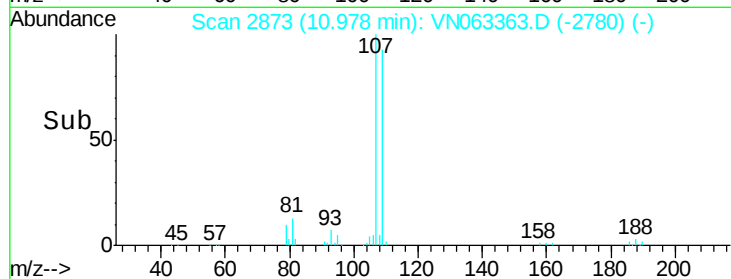
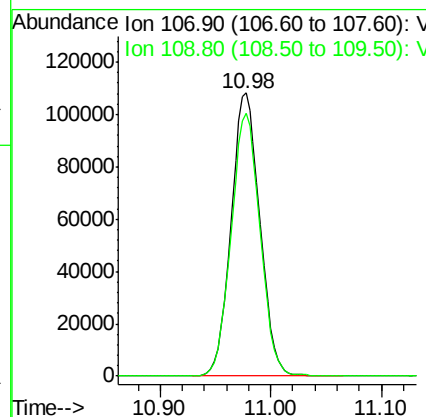
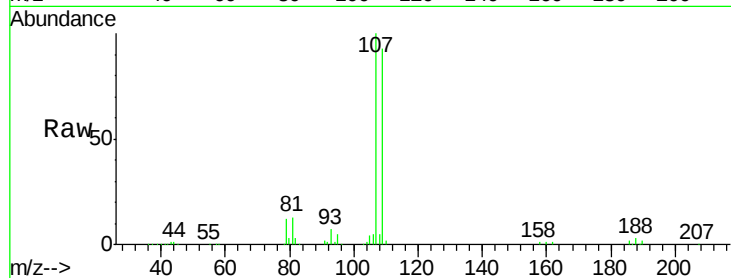
#61
 1,2-Dibromoethane
 Concen: 51.488 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.6	111.8

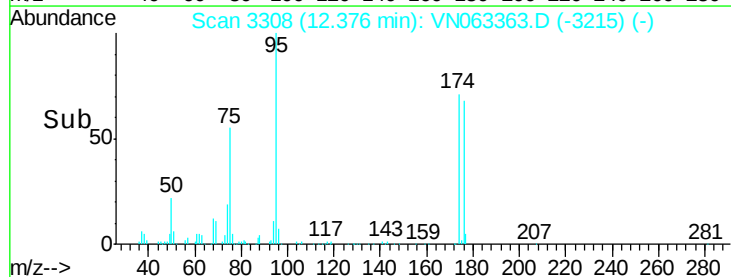
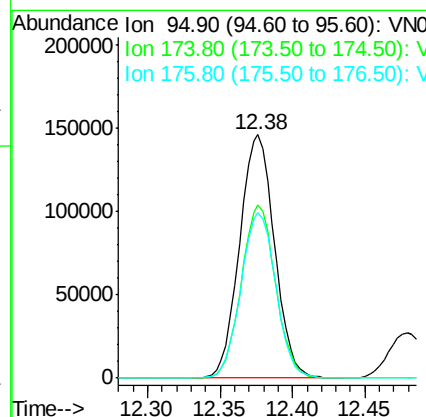
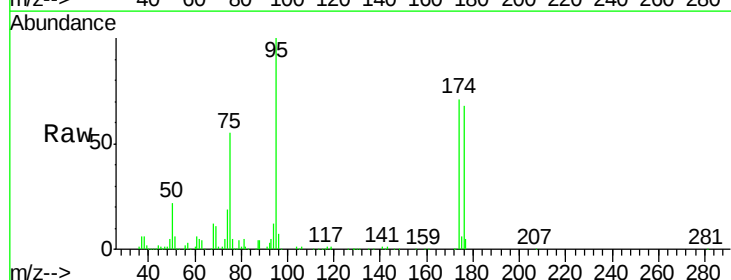
Manual Integrations
 APPROVED

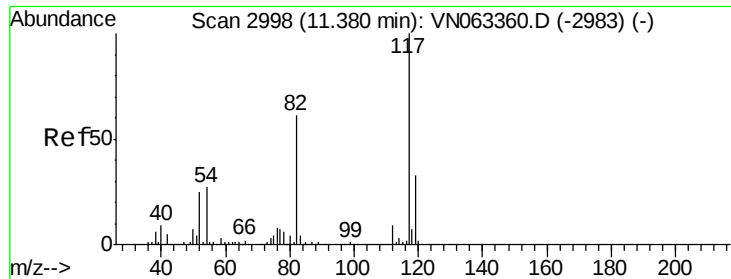
MMDadoda
 9/17/2020 1:07:57 PM



#62
 4-Bromofluorobenzene
 Concen: 50.940 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	140.8
176	68.3	0.0	137.6





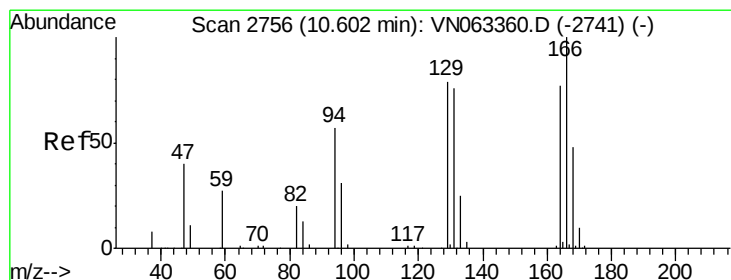
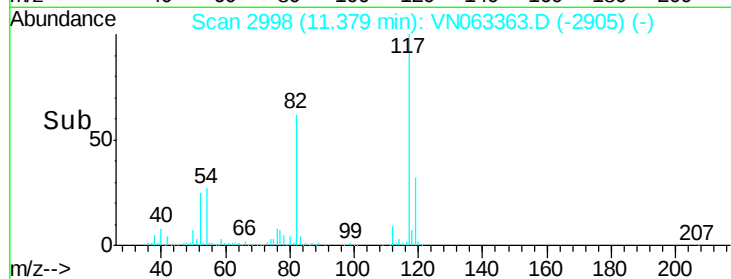
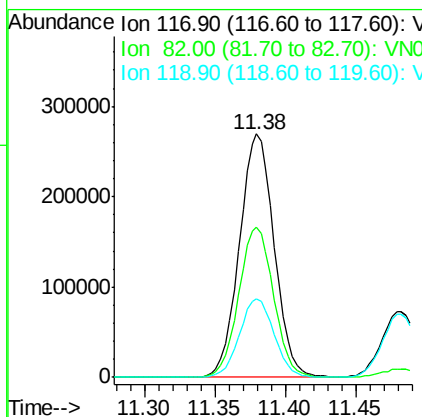
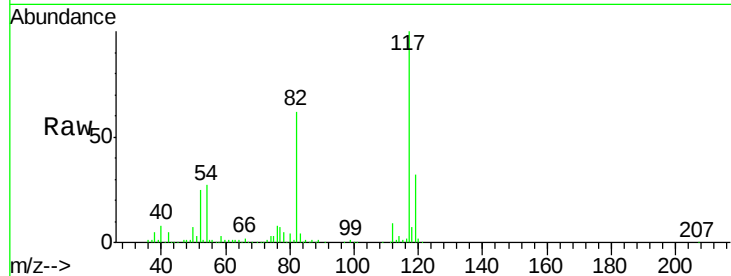
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Resp	Lower	Upper
117	100	465450		
82	61.8	49.2	73.8	
119	32.3	26.2	39.4	

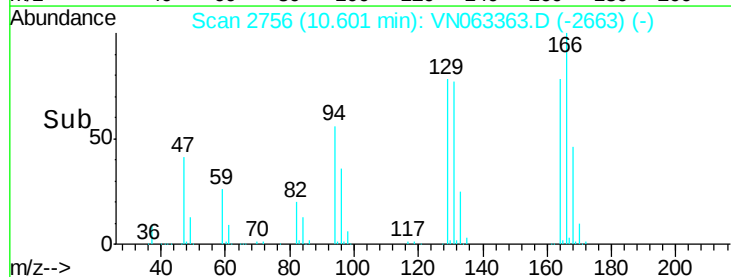
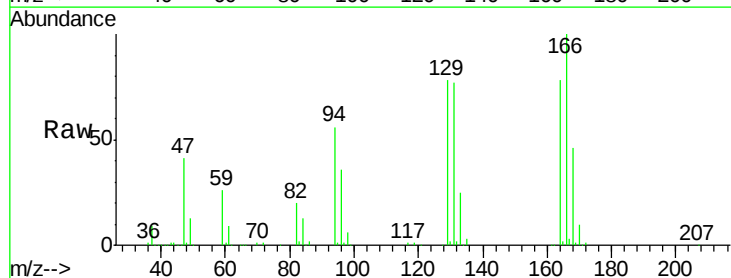
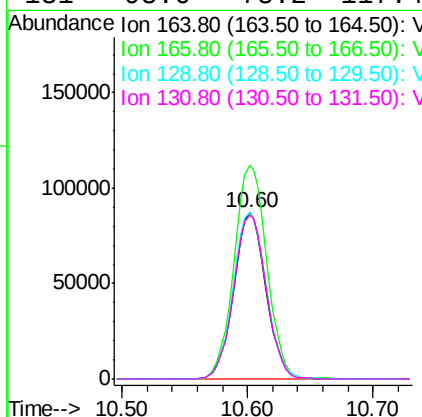
Manual Integrations
APPROVED

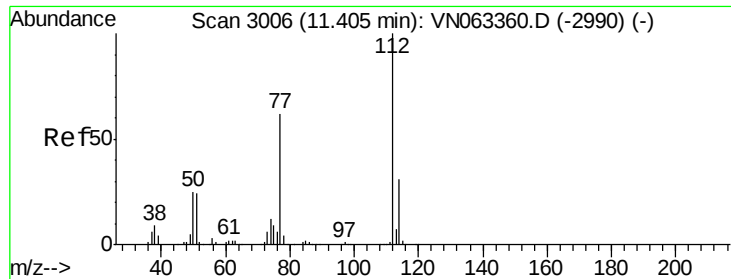
MMDadoda
9/17/2020 1:07:57 PM



#64
Tetrachloroethene
Concen: 48.812 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	154704		
166	128.4	103.4	155.0	
129	99.9	81.8	122.6	
131	98.6	78.2	117.4	





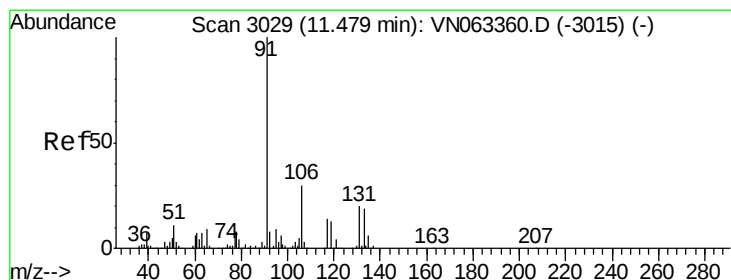
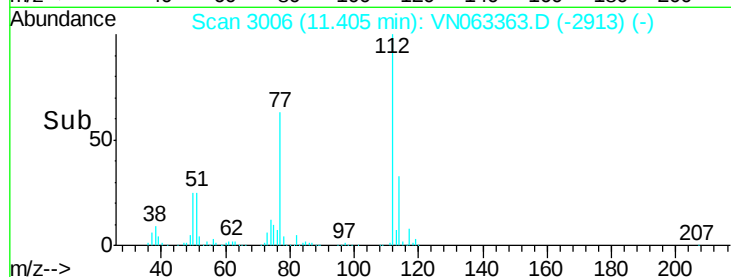
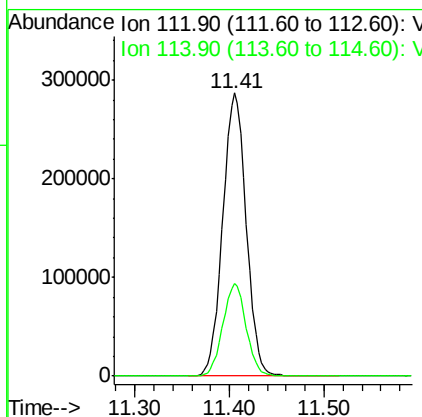
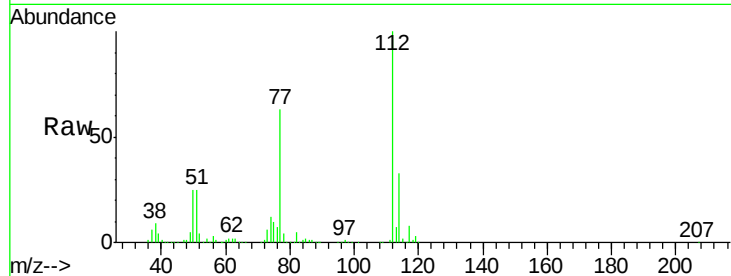
#65
Chlorobenzene
Concen: 50.080 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion:112 Resp: 494802
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6

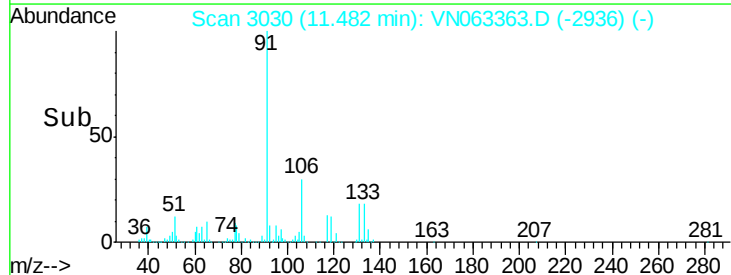
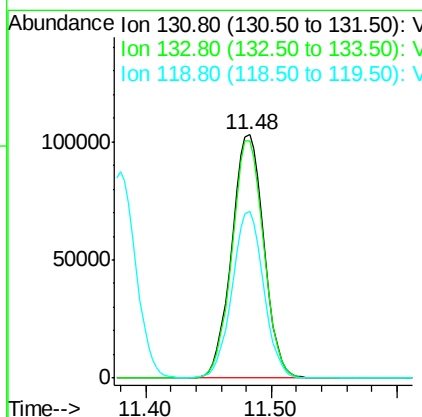
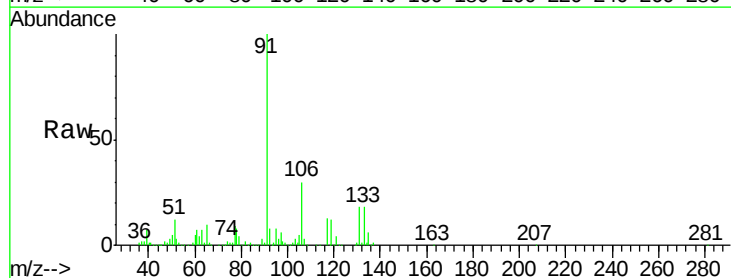
Manual Integrations
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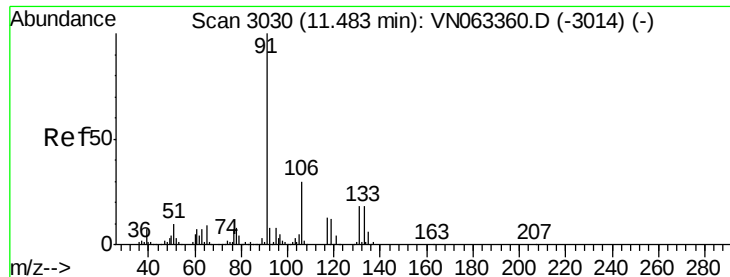
MMDadoda
9/17/2020 1:07:57 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.743 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion:131 Resp: 183777
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.9
119 67.0 33.6 100.8





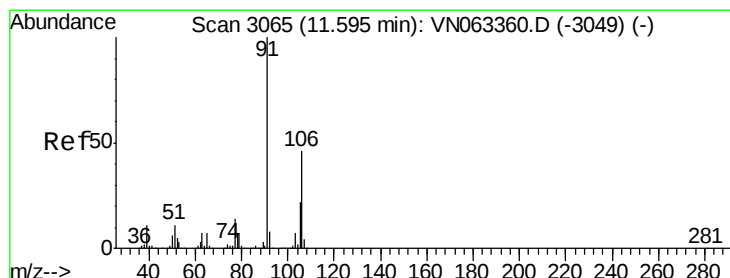
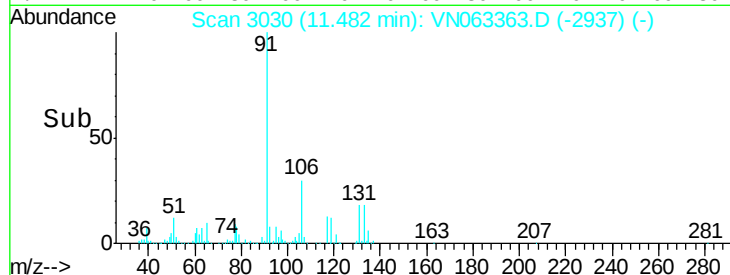
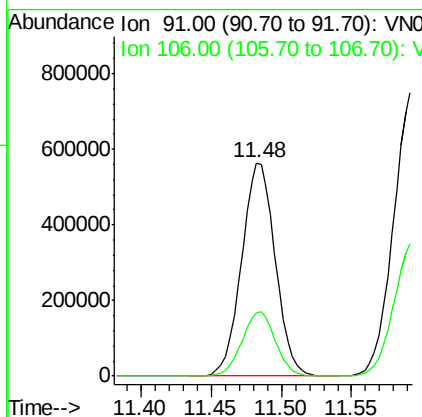
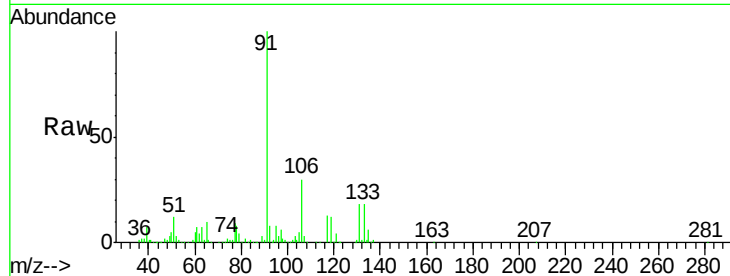
#67
Ethyl Benzene
Concen: 50.633 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion: 91 Resp: 942087
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6

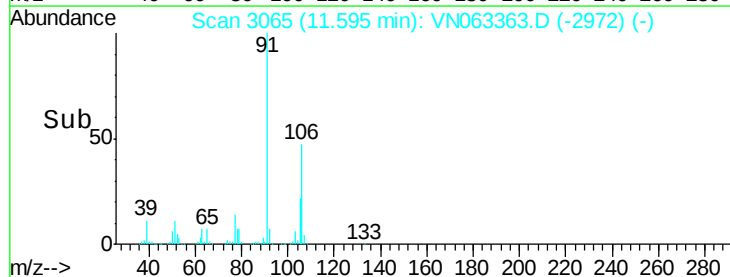
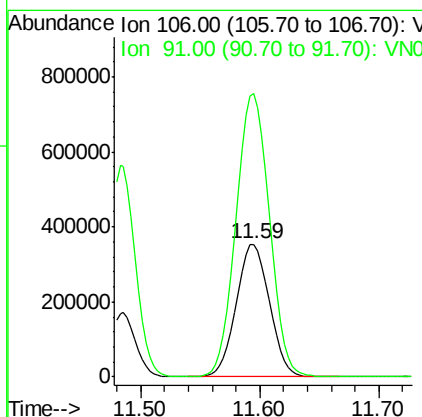
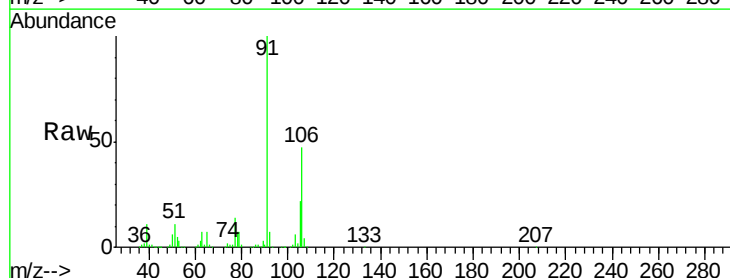
Manual Integrations
APPROVED

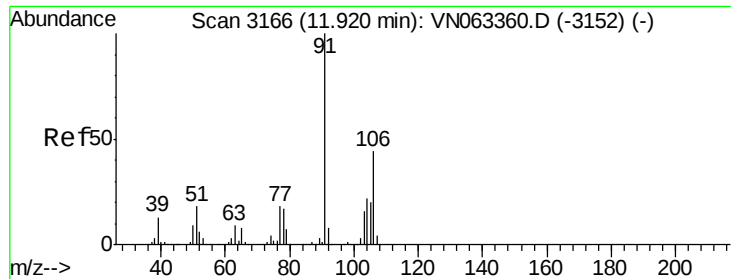
MMDadoda
9/17/2020 1:07:57 PM



#68
m/p-Xylenes
Concen: 101.737 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion: 106 Resp: 682504
Ion Ratio Lower Upper
106 100
91 215.6 171.2 256.8





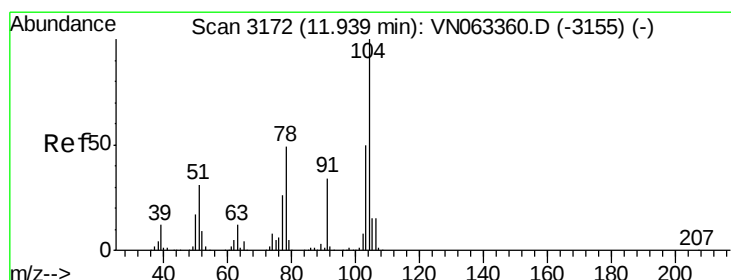
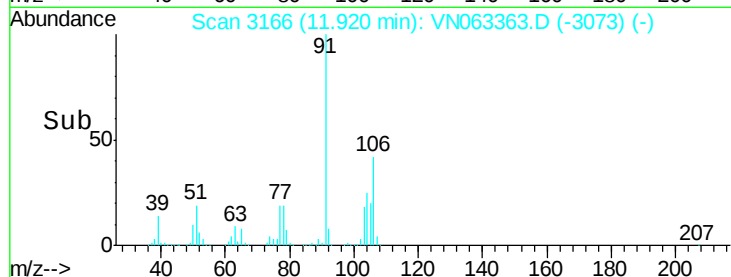
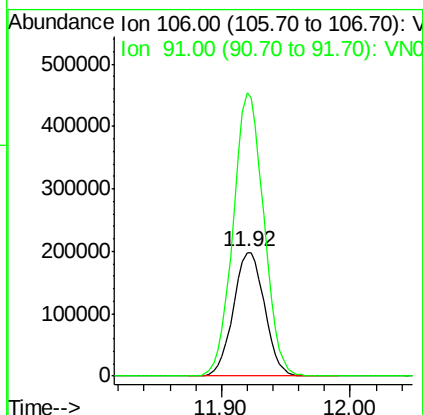
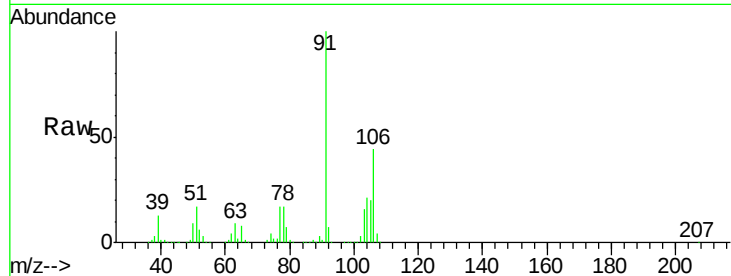
#69
o-Xylene
Concen: 52.247 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	333885		
91	91	224.5	113.6	340.8	

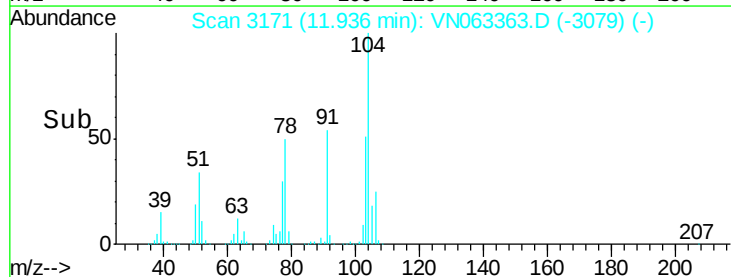
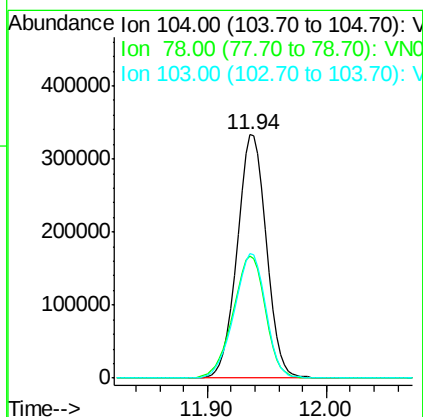
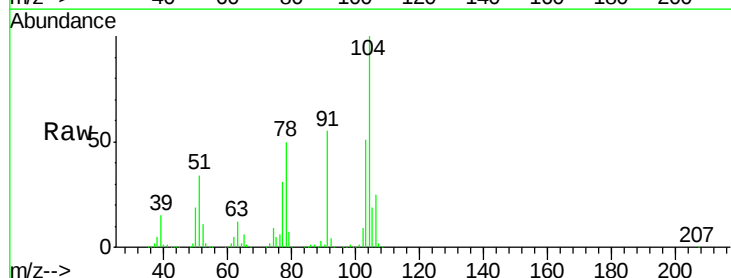
Manual Integrations
APPROVED

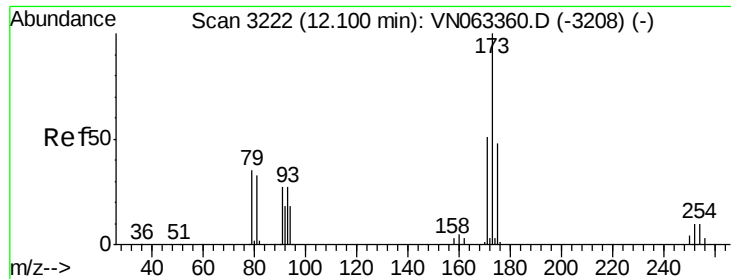
MMDadoda
9/17/2020 1:07:57 PM



#70
Styrene
Concen: 52.842 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	566301		
78	78	55.8	44.4	66.6	
103	103	55.5	43.7	65.5	





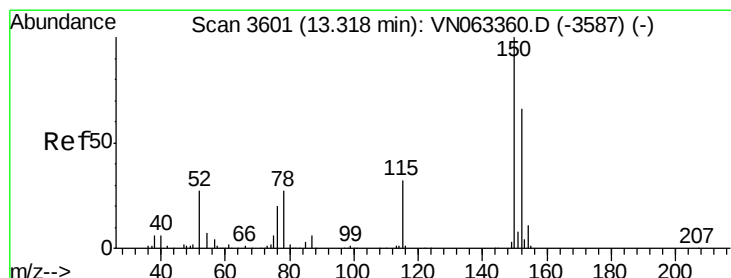
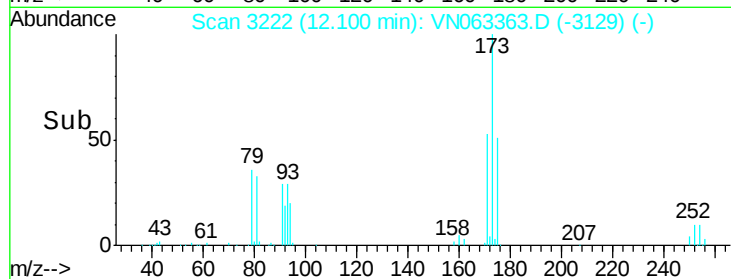
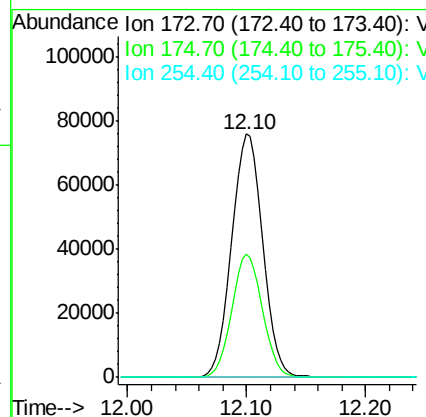
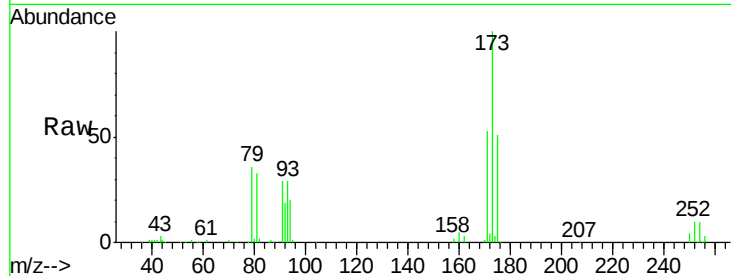
#71
Bromoform
Concen: 51.160 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.0	72.0
254	0.2	0.0	0.0

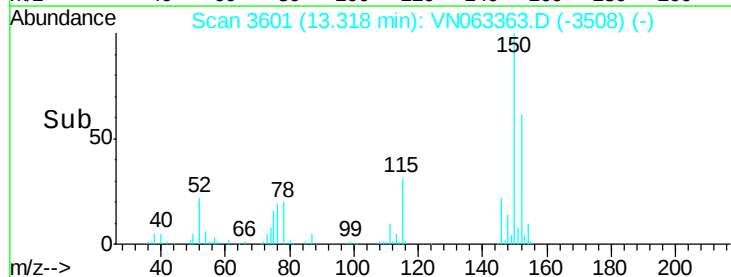
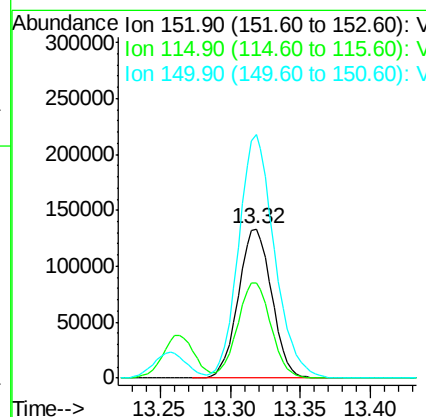
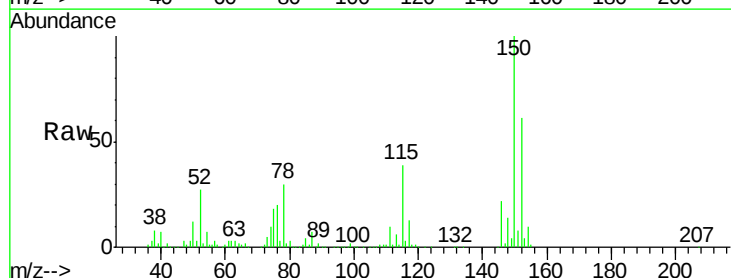
Manual Integrations
APPROVED

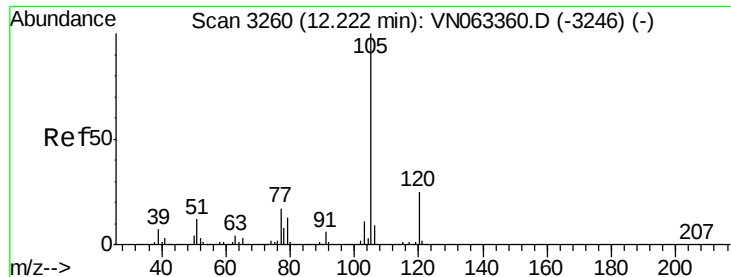
MMDadoda
9/17/2020 1:07:57 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.2	96.6
150	174.5	0.0	343.4





#73

Isopropylbenzene

Concen: 50.510 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion:105 Resp: 897868

Ion Ratio Lower Upper

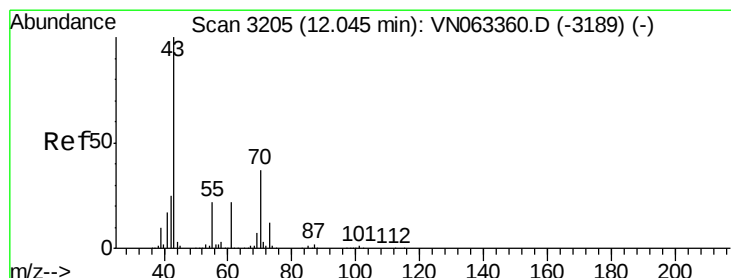
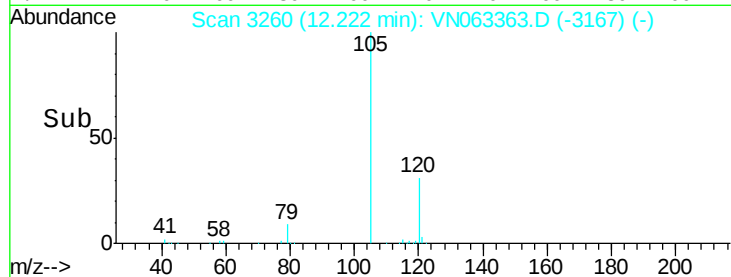
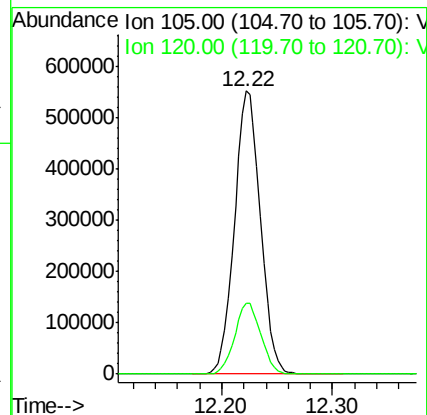
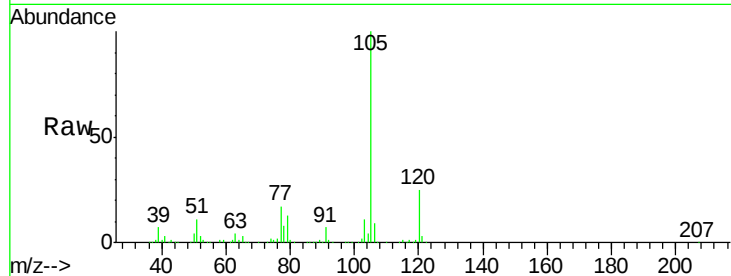
105 100

120 25.4 12.7 38.0

Manual Integrations
APPROVED

MMDadoda

9/17/2020 1:07:57 PM



#74

N-ethyl acetate

Concen: 50.511 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Tgt Ion: 43 Resp: 425034

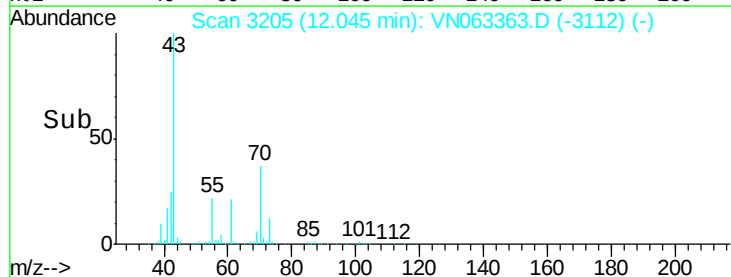
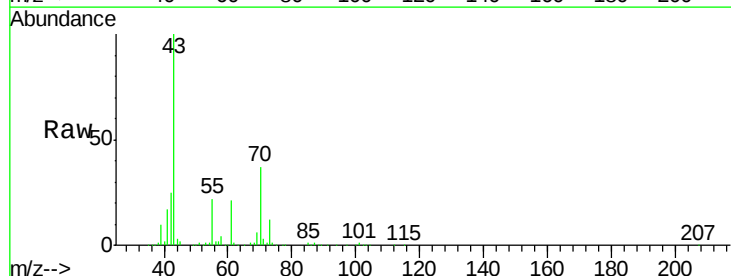
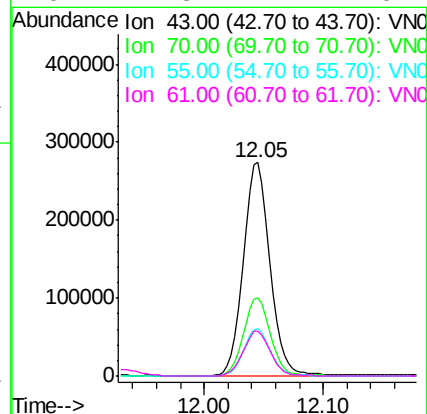
Ion Ratio Lower Upper

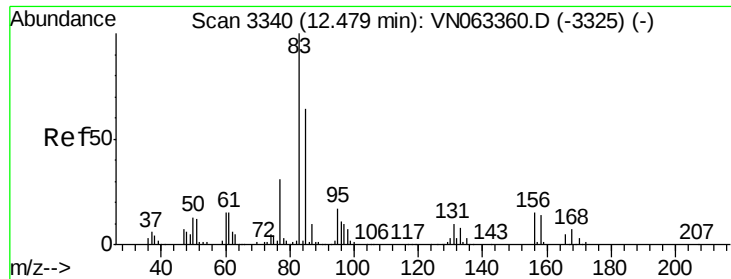
43 100

70 37.2 29.6 44.4

55 22.3 17.7 26.5

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.116 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion: 83 Resp: 270339
Ion Ratio Lower Upper

83 100

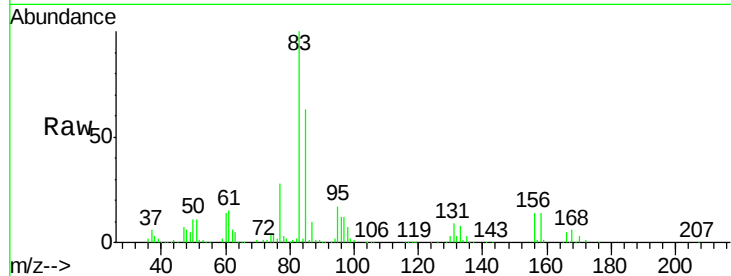
131 9.6 4.9 14.7

85 63.6 32.0 96.0

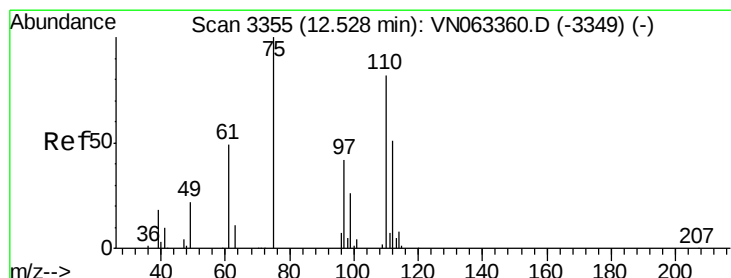
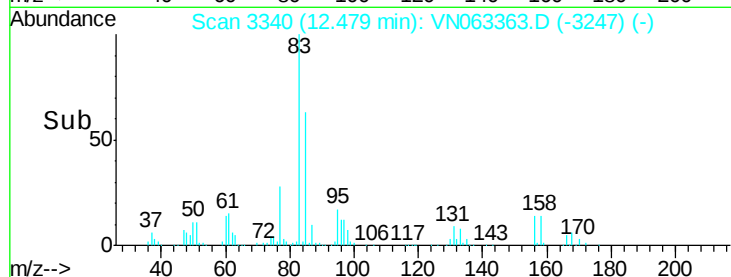
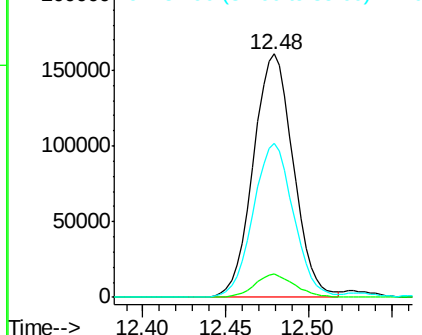
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN0
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 46.073 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

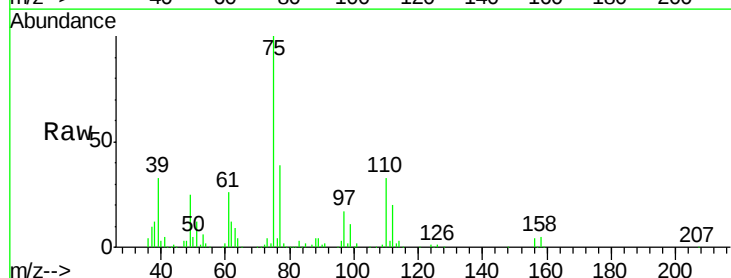
Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

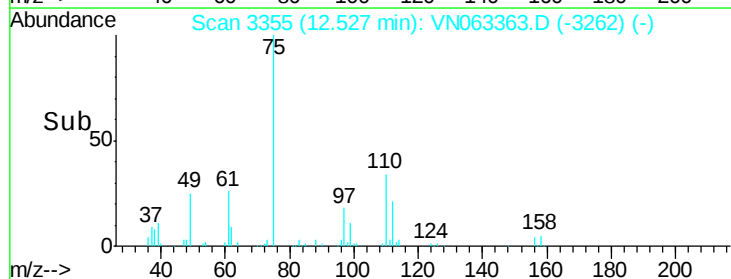
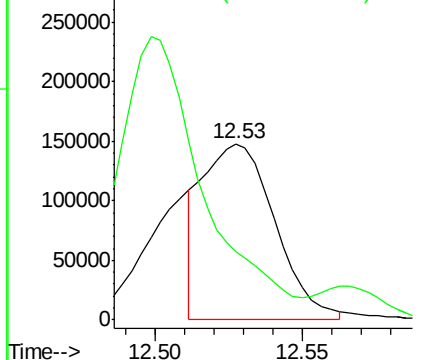
Tgt Ion: 75 Resp: 252967
Ion Ratio Lower Upper

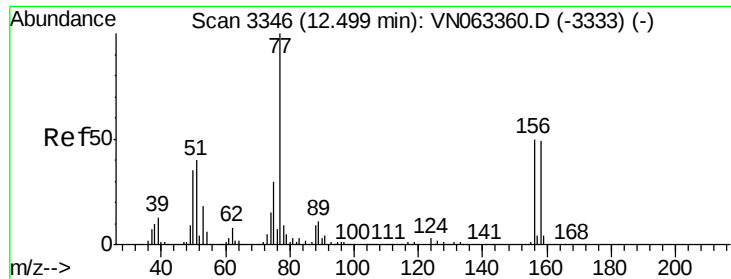
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.466 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

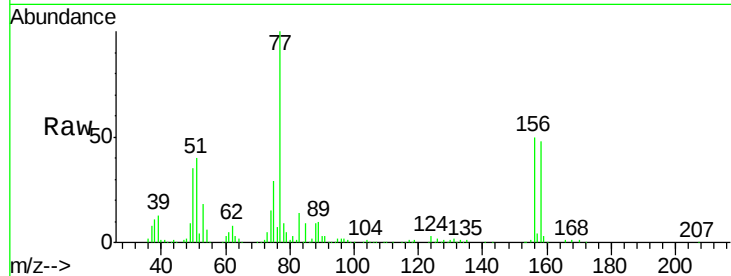
ClientSampleId :

ICVVN091620

Tot Ion	Ratio	Lower	Upper
156	100		
77	239.5	120.2	360.6
158	99.2	48.9	146.6

Manual Integrations
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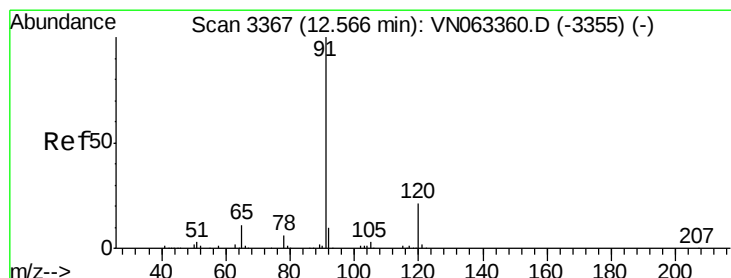
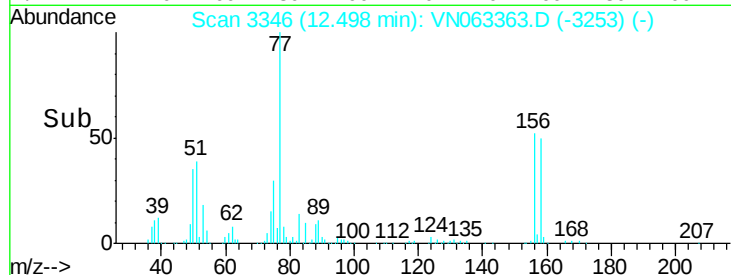
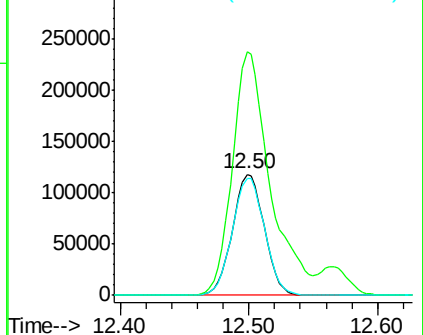
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.255 ug/l

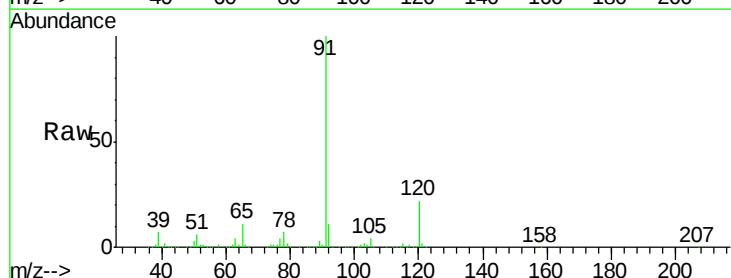
RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063363.D

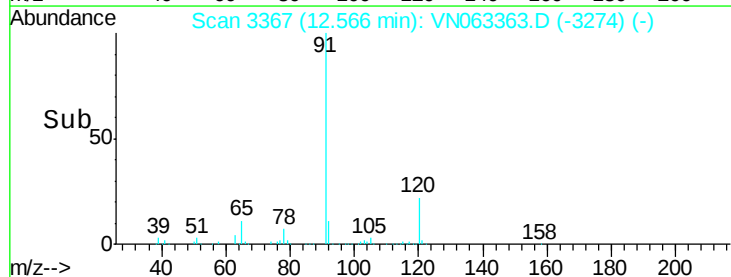
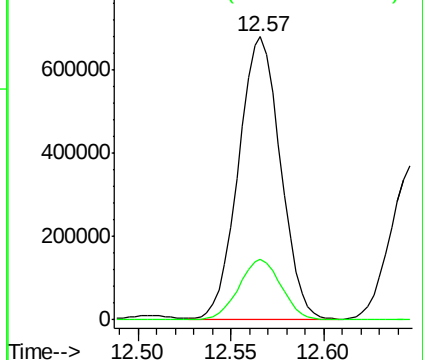
Acq: 16 Sep 2020 13:31

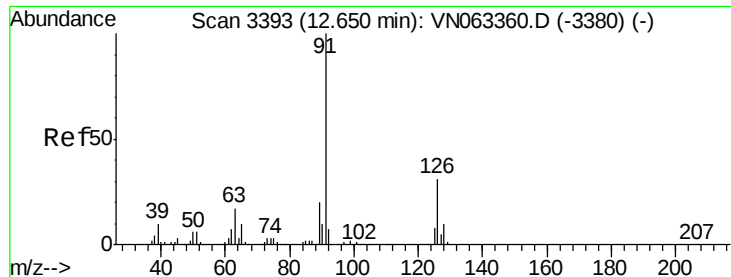
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





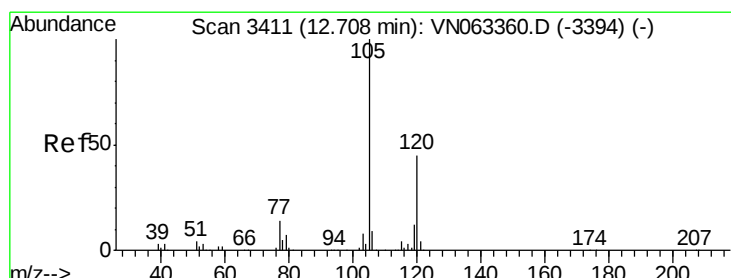
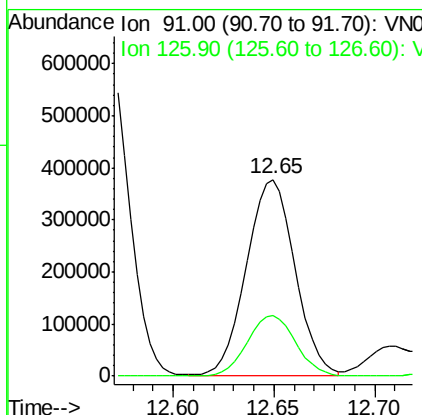
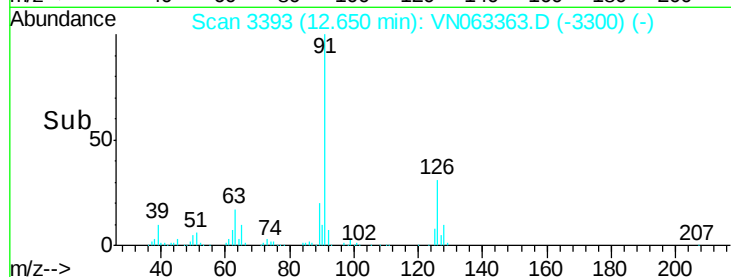
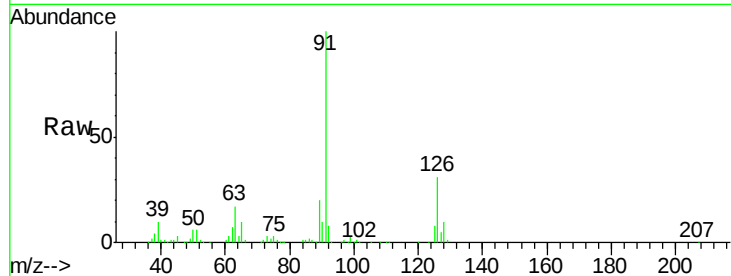
#79
 2-Chlorotoluene
 Concen: 50.766 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.8	47.3

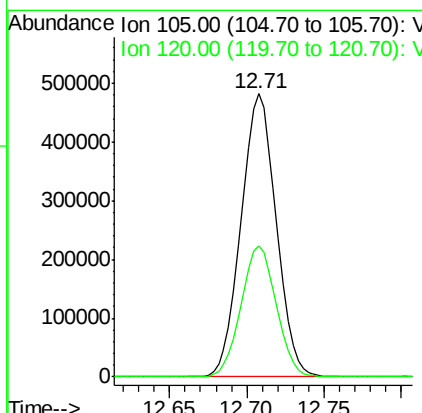
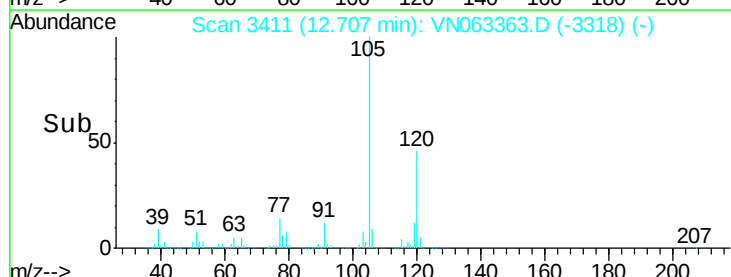
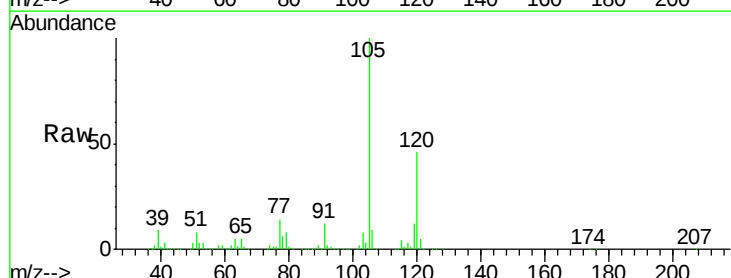
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.338 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.9	68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.297 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion: 75 Resp: 96723

Ion Ratio Lower Upper

75 100

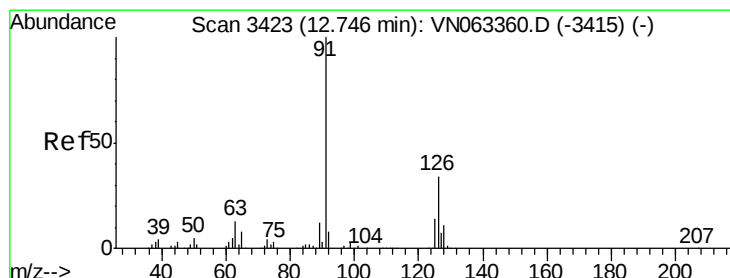
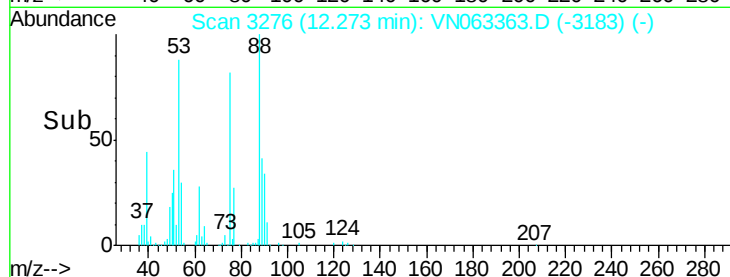
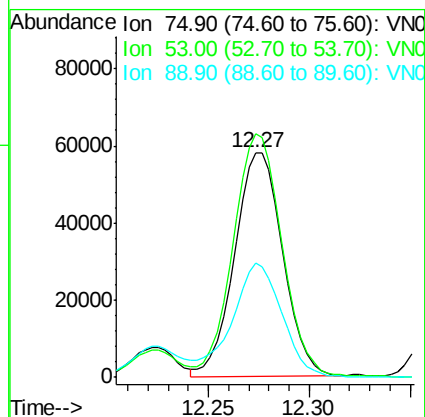
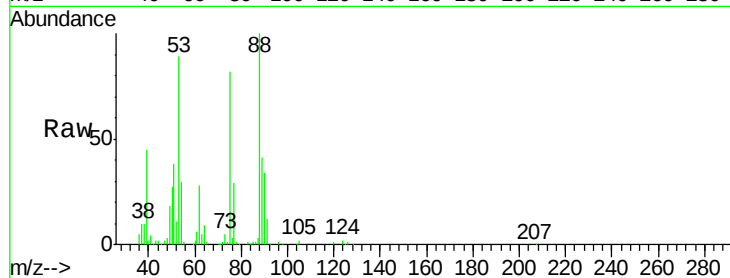
53 110.5 85.7 128.5

89 53.0 38.0 57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.865 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063363.D

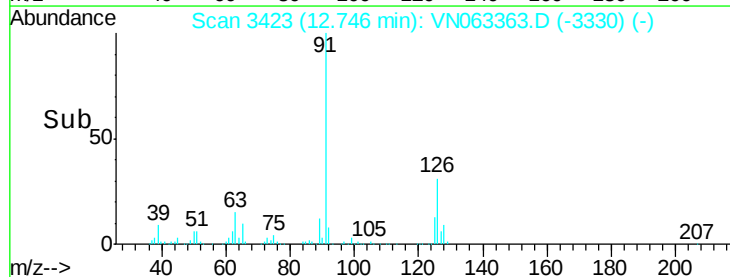
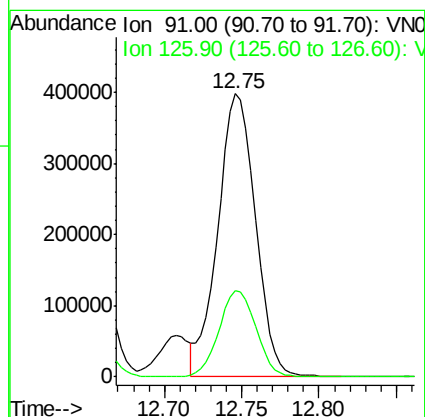
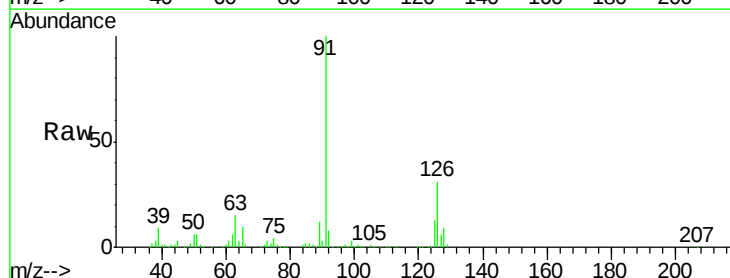
Acq: 16 Sep 2020 13:31

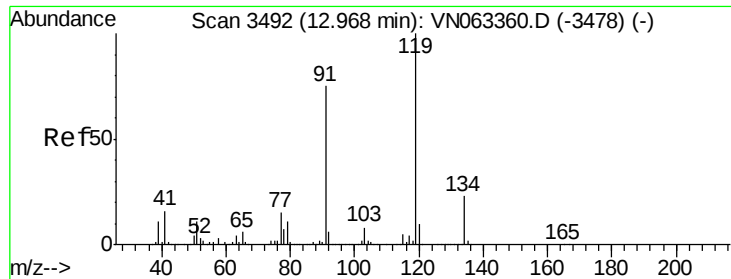
Tgt Ion: 91 Resp: 667016

Ion Ratio Lower Upper

91 100

126 30.2 15.5 46.5





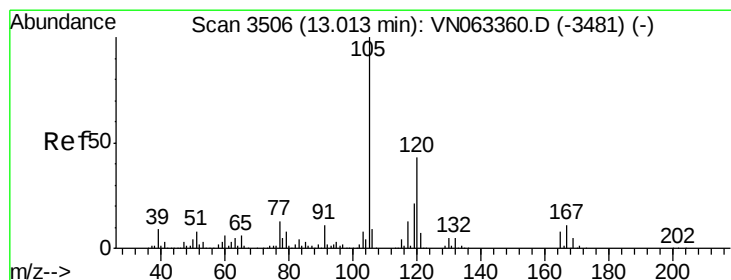
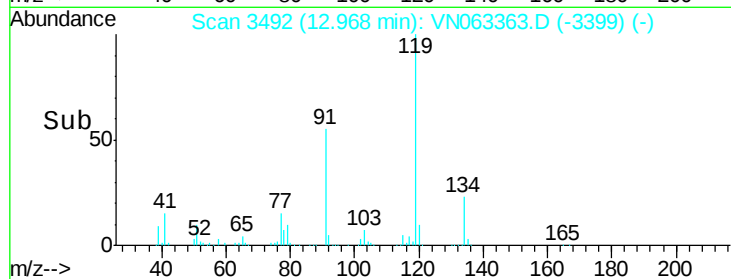
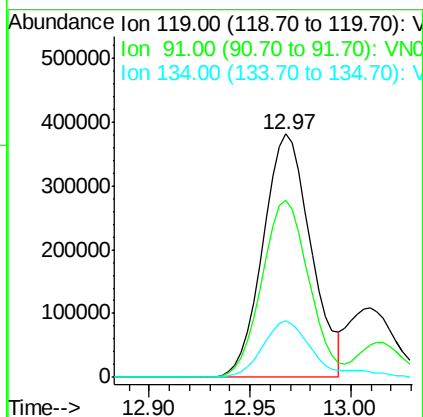
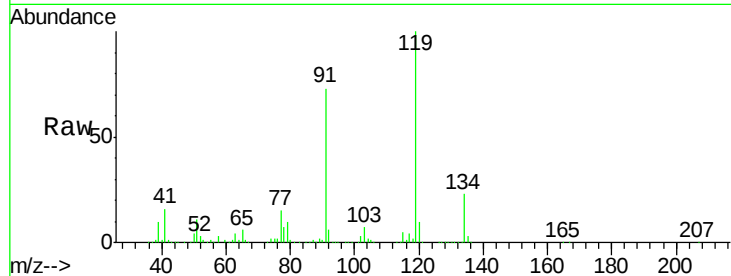
#83
tert-Butylbenzene
Concen: 51.409 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.7	36.3	108.9
134	24.8	12.3	36.8

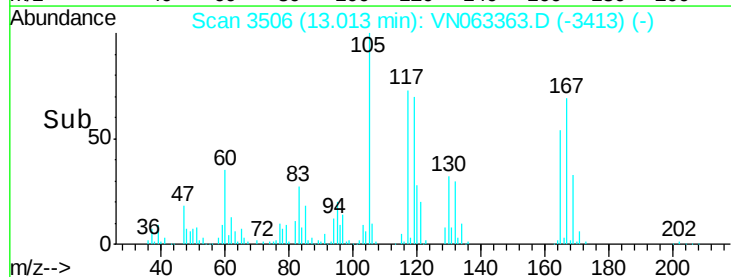
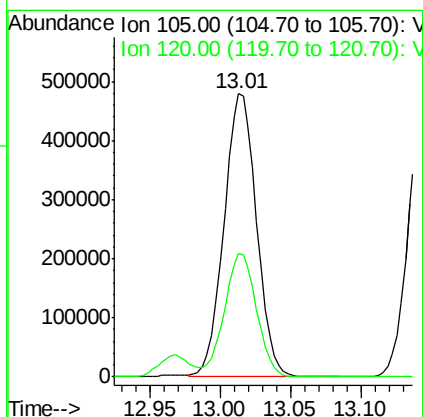
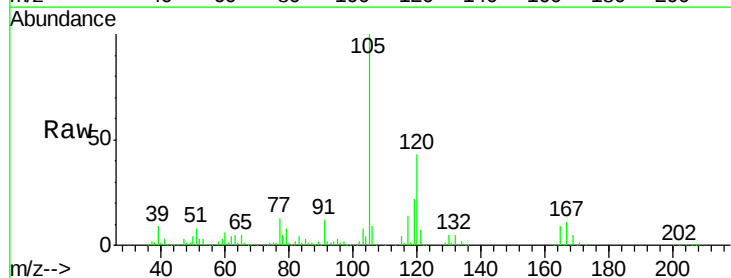
Manual Integrations
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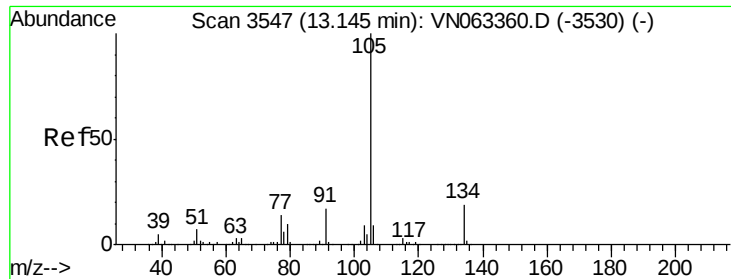
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#84
1,2,4-Trimethylbenzene
Concen: 51.207 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.3	63.9





#85

sec-Butylbenzene

Concen: 50.812 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091620

Tot Ion:105 Resp: 832098

Ion Ratio Lower Upper

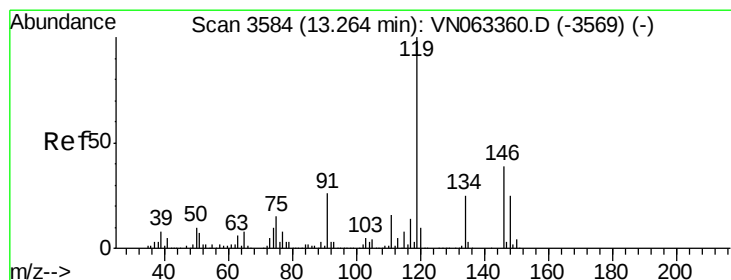
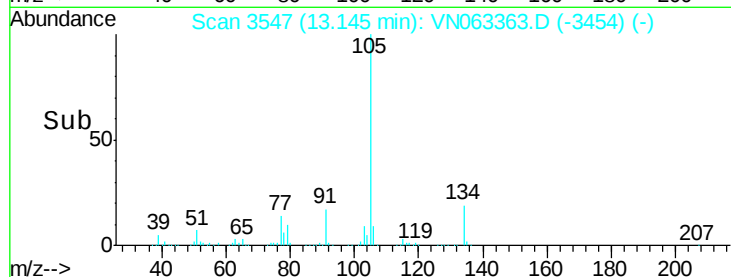
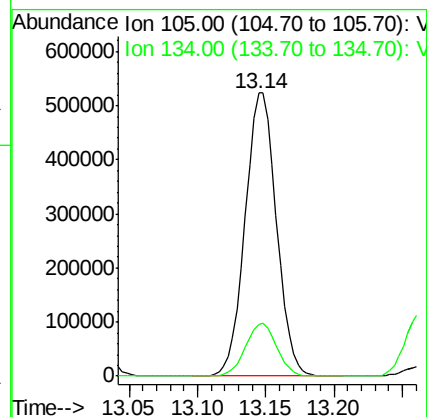
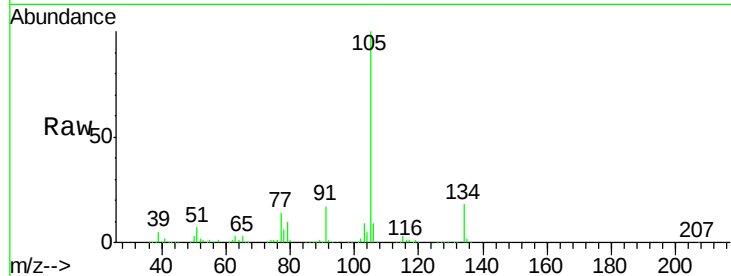
105 100

134 18.7 9.3 27.7

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#86

p-Isopropyltoluene

Concen: 51.741 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

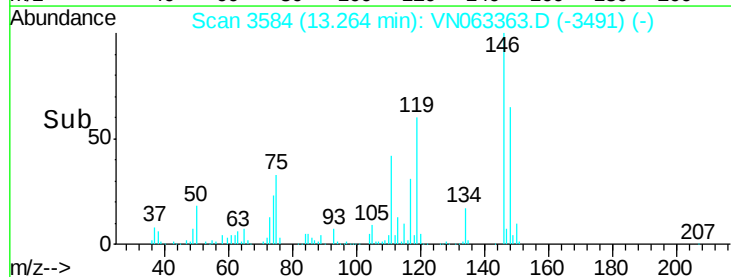
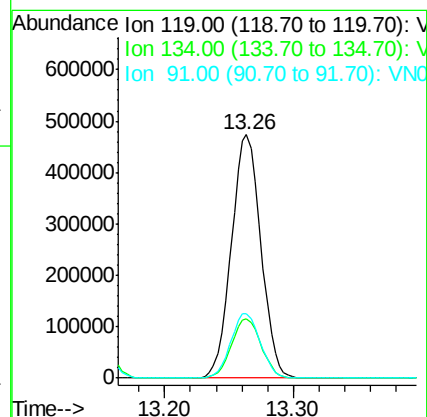
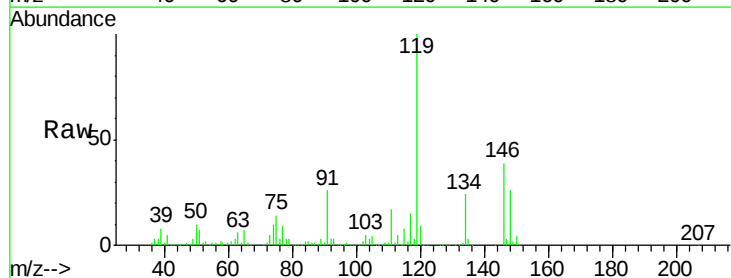
Tgt Ion:119 Resp: 747344

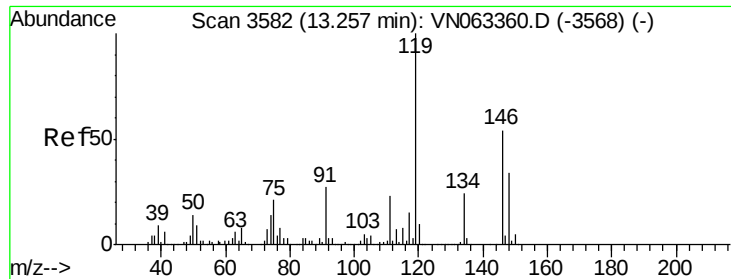
Ion Ratio Lower Upper

119 100

134 24.7 12.5 37.5

91 26.5 13.4 40.1





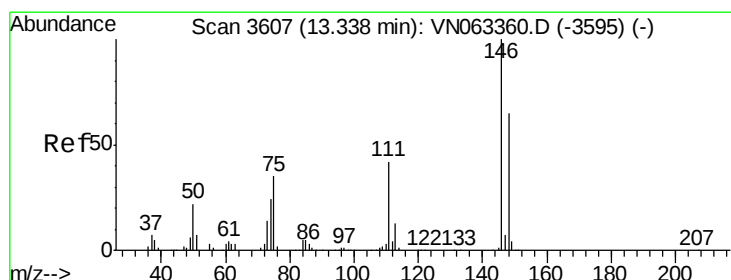
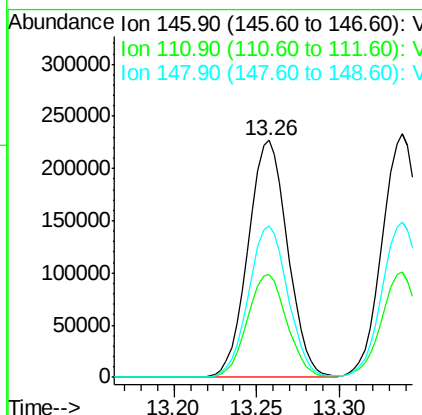
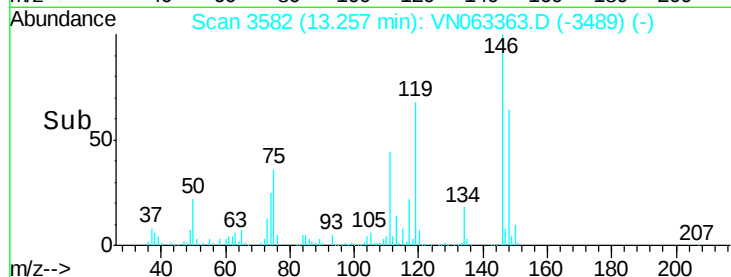
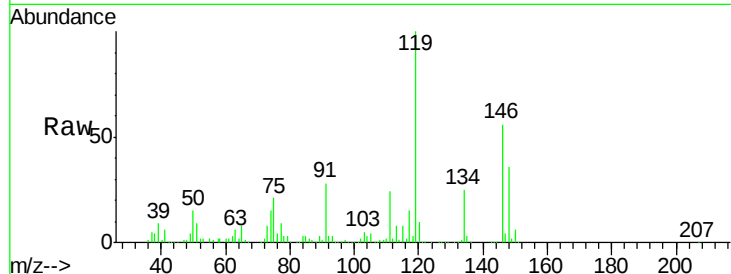
#87
 1,3-Dichlorobenzene
 Concen: 50.916 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.3
148	63.5	31.9	95.7

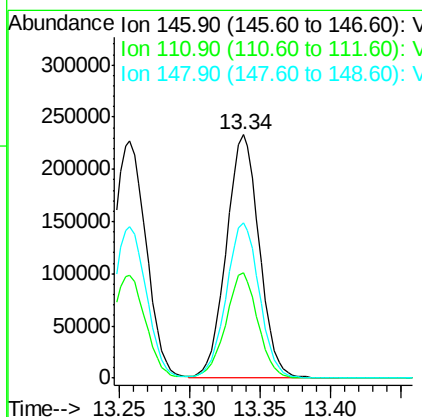
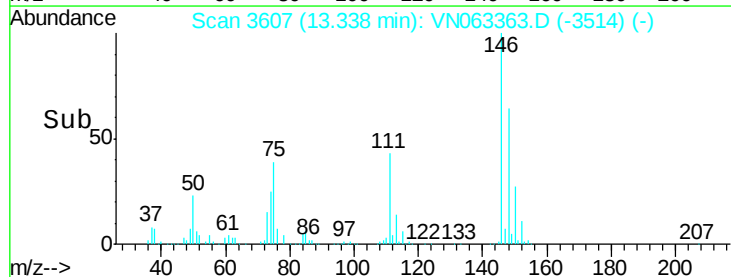
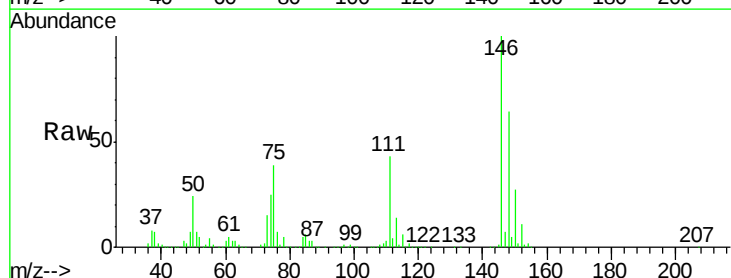
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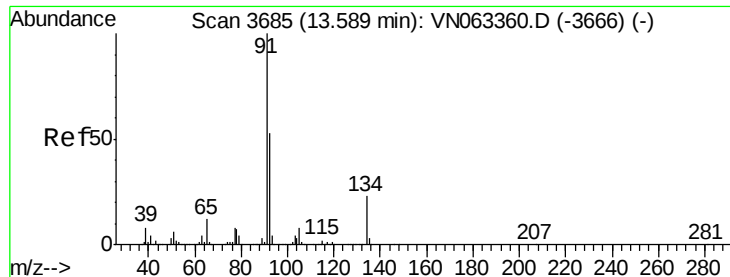
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#88
 1,4-Dichlorobenzene
 Concen: 50.361 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.2	63.6
148	64.4	31.9	95.9





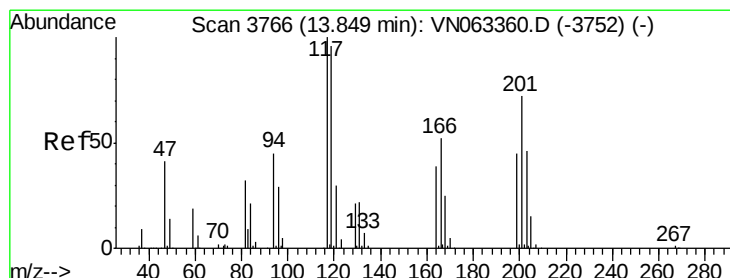
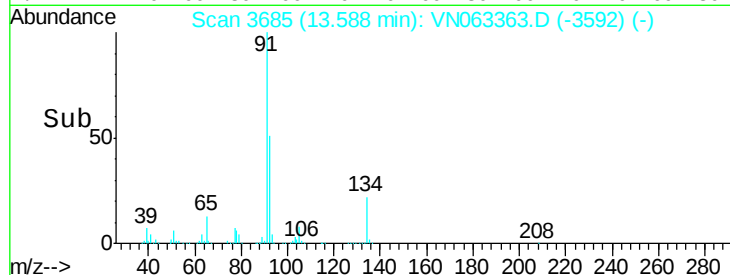
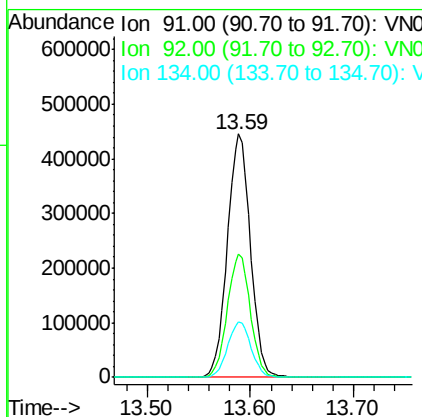
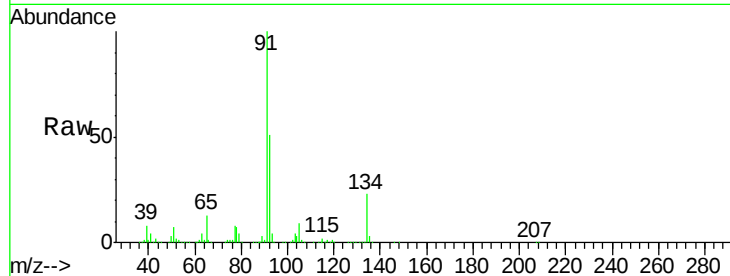
#89
n-Butylbenzene
Concen: 52.228 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091620

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.0	78.0
134	23.1	11.7	35.0

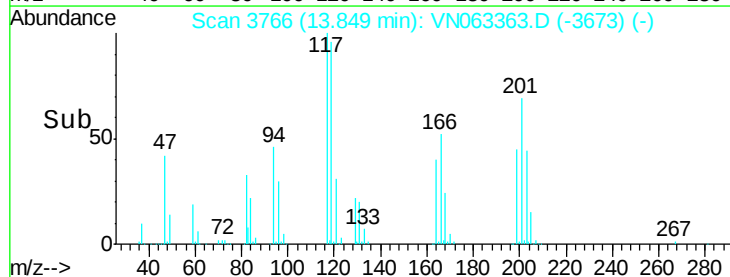
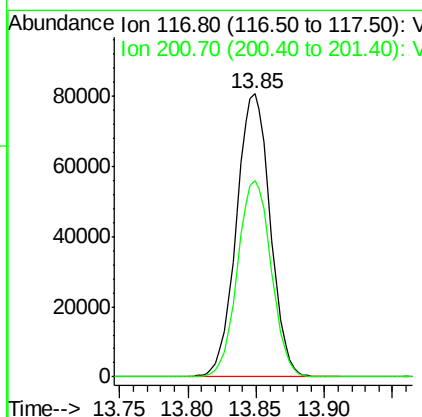
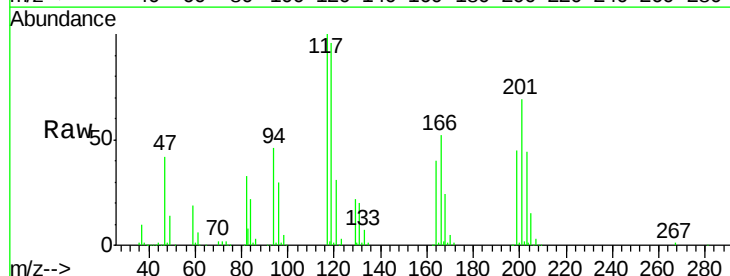
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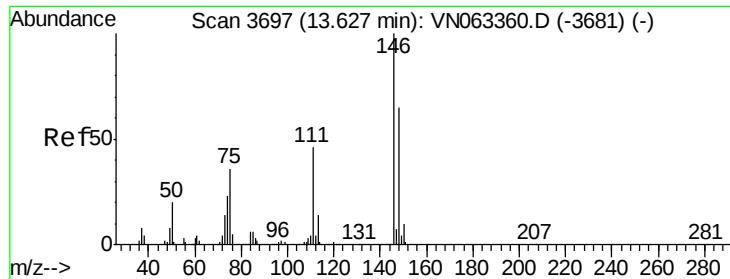
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#90
Hexachloroethane
Concen: 50.549 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063363.D
Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	35.5	106.7





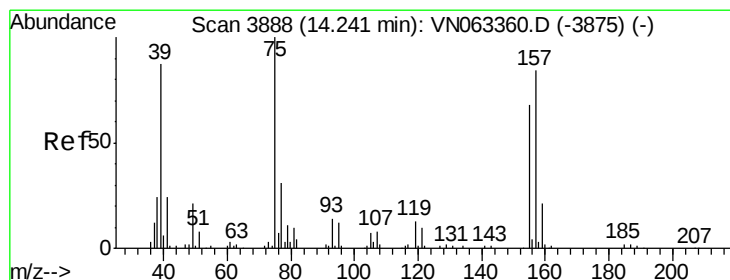
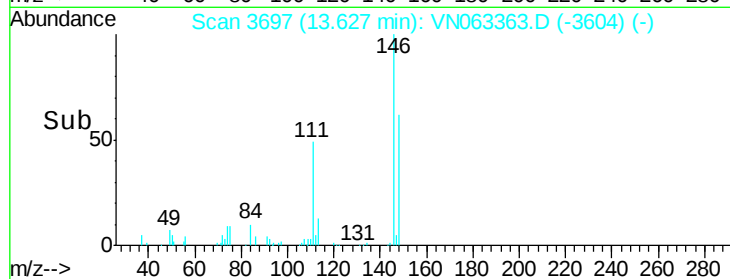
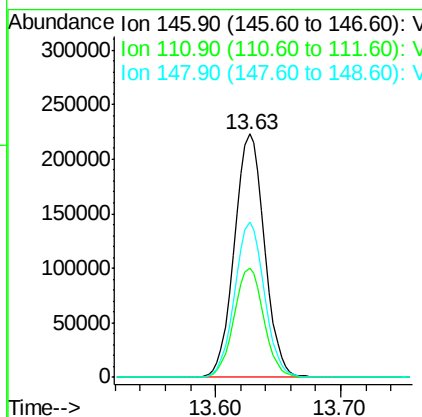
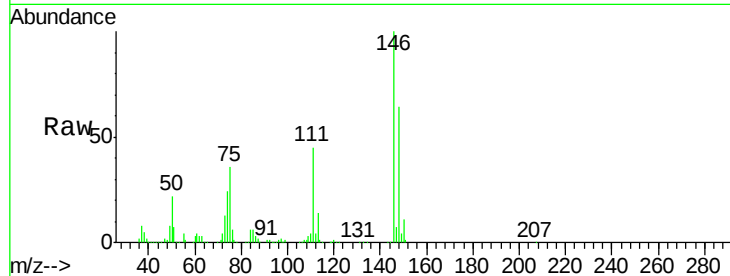
#91
 1,2-Dichlorobenzene
 Concen: 51.211 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Tot Ion	Ratio	Resp	Lower	Upper
146	100	372626		
111	44.4	22.4	67.2	
148	63.0	32.0	96.0	

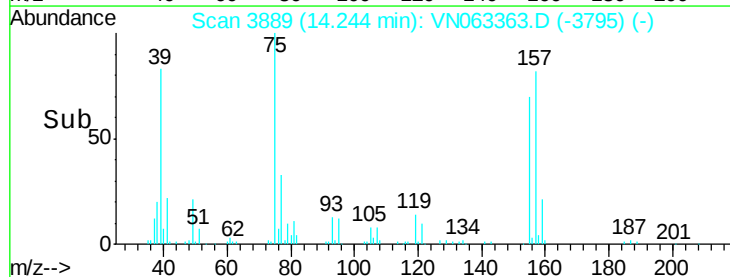
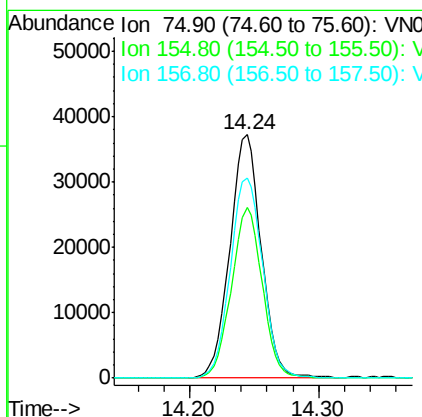
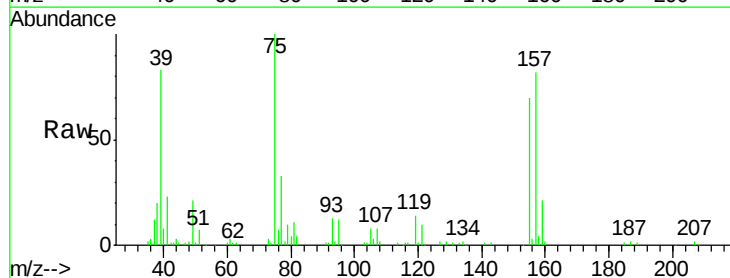
Manual Integrations
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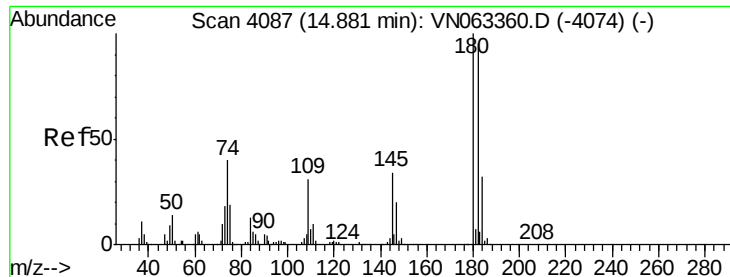
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.941 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	62834		
155	68.8	34.6	103.9	
157	84.9	43.7	131.1	





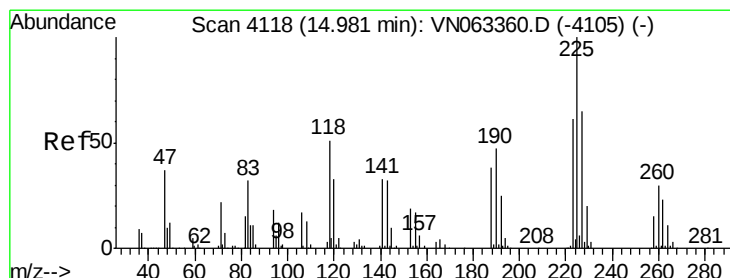
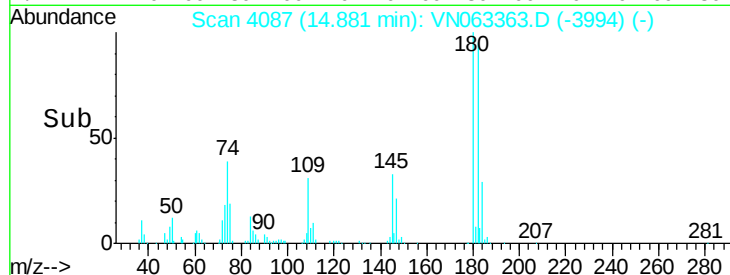
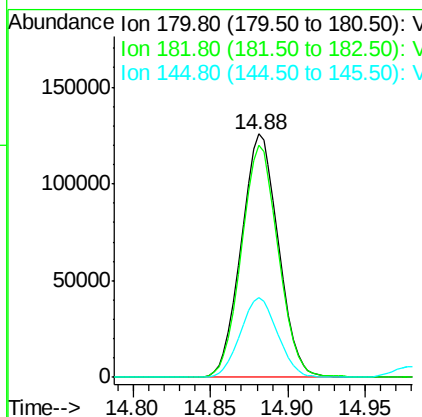
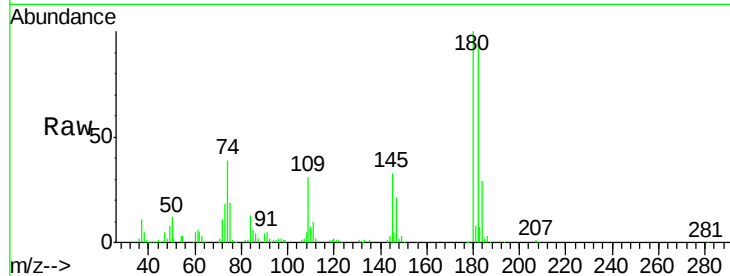
#93
 1,2,4-Trichlorobenzene
 Concen: 49.029 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Tot Ion	Ratio	Resp	Lower	Upper
180	100	210315		
182	94.4	47.3	142.0	
145	32.9	16.6	49.7	

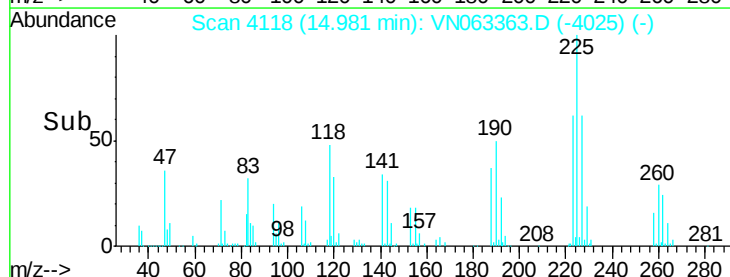
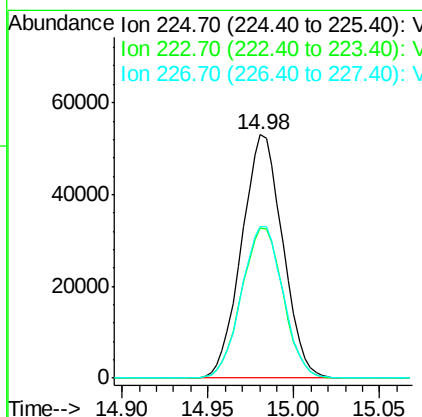
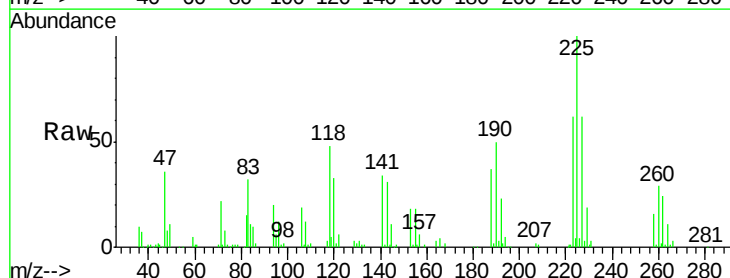
Manual Integrations
 APPROVED

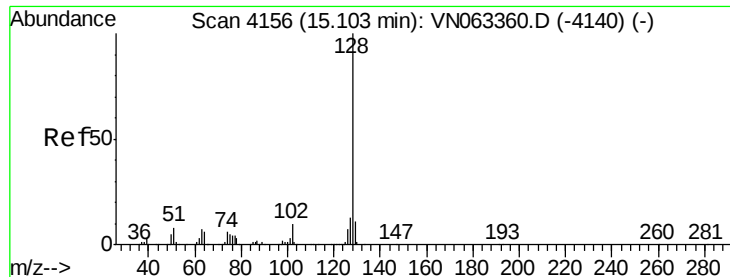
MMDadoda
 9/17/2020 1:07:57 PM



#94
 Hexachlorobutadiene
 Concen: 49.445 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063363.D
 Acq: 16 Sep 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87808		
223	62.3	30.6	91.6	
227	63.1	31.2	93.6	





#95

Naphthalene

Concen: 48.729 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Instrument :

MSVOA_N

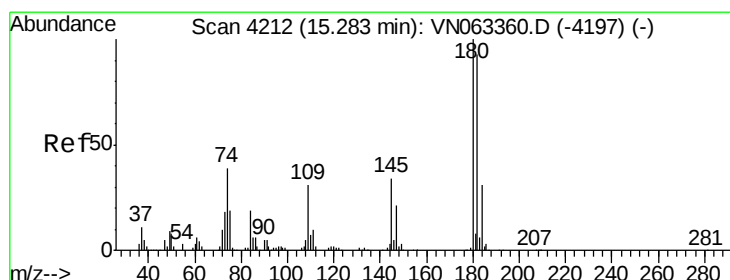
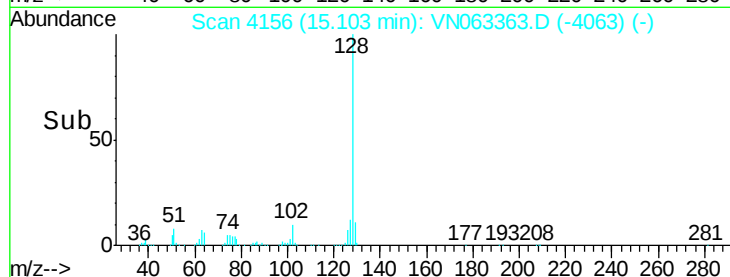
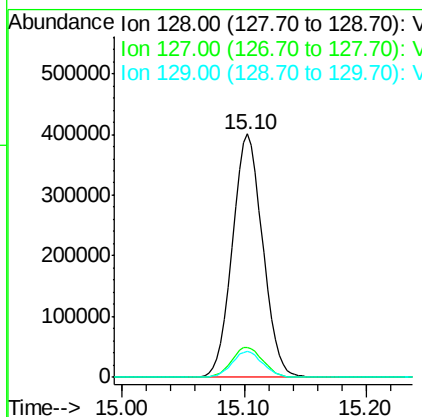
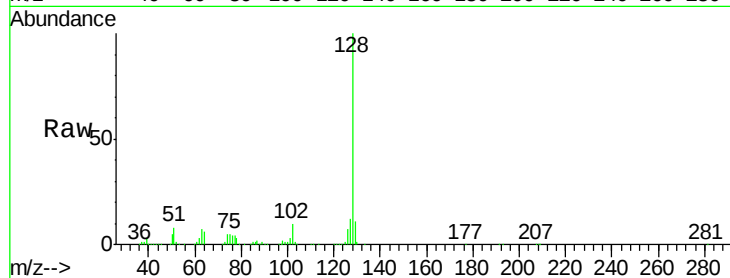
ClientSampleId :

ICVVN091620

Tot Ion:	128	Resp:	690589
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 47.133 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063363.D

Acq: 16 Sep 2020 13:31

Tgt Ion:	180	Resp:	195354
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.7	140.1
145	34.8	16.8	50.3

