

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063275.D
 Acq On : 9 Sep 2020 12:16
 Operator : JC/MD
 Sample : VN0909MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:17 PM

Quant Time: Sep 09 15:45:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	414256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	730368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	666416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	333295	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	243082	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.06	98	911291	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.38	95	334820	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	73381	17.987	ug/l	97
3) Chloromethane	2.04	50	103937	17.496	ug/l	99
4) Vinyl Chloride	2.17	62	108092	16.472	ug/l	97
5) Bromomethane	2.54	94	71584	12.959	ug/l	99
6) Chloroethane	2.68	64	69991	13.414	ug/l	100
7) Trichlorofluoromethane	2.99	101	162952	15.322	ug/l	93
8) Diethyl Ether	3.37	74	64088	20.412	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	90087	20.197	ug/l	99
10) Methyl Iodide	3.91	142	110546	18.172	ug/l	98
11) Tert butyl alcohol	4.72	59	90994	109.467	ug/l	100
12) 1,1-Dichloroethene	3.70	96	86353	19.000	ug/l	99
13) Acrolein	3.57	56	12785	53.620	ug/l	94
14) Allyl chloride	4.28	41	174551	21.624	ug/l	94
15) Acrylonitrile	4.93	53	241373	105.071	ug/l	99
16) Acetone	3.78	43	209971	109.073	ug/l	99
17) Carbon Disulfide	4.01	76	230911	17.069	ug/l	98
18) Methyl Acetate	4.28	43	124305	25.184	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	334705	19.851	ug/l	99
20) Methylene Chloride	4.50	84	109934	20.014	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	93237	18.568	ug/l	89
22) Diisopropyl ether	5.90	45	378705	20.936	ug/l	98
23) Vinyl Acetate	5.84	43	1514616	104.939	ug/l	95
24) 1,1-Dichloroethane	5.79	63	199806	20.037	ug/l	99
25) 2-Butanone	6.78	43	332875	111.675	ug/l	97
26) 2,2-Dichloropropane	6.78	77	168385	18.637	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	116754	19.129	ug/l	97
28) Bromochloromethane	7.15	49	94599	18.158	ug/l	94
29) Tetrahydrofuran	7.16	42	220324	106.899	ug/l	97
30) Chloroform	7.33	83	201628	19.326	ug/l	98
31) Cyclohexane	7.61	56	173803	18.680	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	168574	18.751	ug/l	97
36) 1,1-Dichloropropene	7.75	75	143782	20.478	ug/l	100
37) Ethyl Acetate	6.88	43	147164	22.408	ug/l #	96
38) Carbon Tetrachloride	7.73	117	143057	20.090	ug/l	98

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Quant Time: Sep 09 15:45:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	156680	19.863	ug/l	93
40) Benzene	8.00	78	424626	20.580	ug/l	100
41) Methacrylonitrile	7.12	41	61202	20.691	ug/l #	92
42) 1,2-Dichloroethane	8.08	62	171729	22.281	ug/l	97
43) Isopropyl Acetate	8.12	43	258288	22.556	ug/l	99
44) Trichloroethene	8.80	130	110150	22.009	ug/l	98
45) 1,2-Dichloropropane	9.08	63	122410	22.407	ug/l	100
46) Dibromomethane	9.17	93	76893	21.239	ug/l	97
47) Bromodichloromethane	9.37	83	163414	21.059	ug/l	98
48) Methyl methacrylate	9.16	41	120976	23.436	ug/l	96
49) 1,4-Dioxane	9.16	88	35217	441.084	ug/l	86
51) 4-Methyl-2-Pentanone	9.95	43	734109	117.977	ug/l	99
52) Toluene	10.13	92	261679	20.359	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	175571	20.684	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	191000	21.437	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	105726	21.479	ug/l	97
56) Ethyl methacrylate	10.40	69	160665	21.447	ug/l	97
57) 1,3-Dichloropropane	10.68	76	187371	21.367	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	375223	96.727	ug/l	96
59) 2-Hexanone	10.72	43	530387	121.285	ug/l	97
60) Dibromochloromethane	10.87	129	117002	21.500	ug/l	99
61) 1,2-Dibromoethane	10.98	107	106648	20.842	ug/l	95
64) Tetrachloroethene	10.60	164	109257	22.831	ug/l	98
65) Chlorobenzene	11.41	112	277765	20.694	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	105111	21.092	ug/l	97
67) Ethyl Benzene	11.48	91	516100	21.077	ug/l	99
68) m/p-Xylenes	11.60	106	370285	40.830	ug/l	98
69) o-Xylene	11.92	106	180448	20.597	ug/l	95
70) Styrene	11.94	104	303054	20.128	ug/l	97
71) Bromoform	12.10	173	70237	20.768	ug/l #	97
73) Isopropylbenzene	12.23	105	482995	20.701	ug/l	100
74) N-amyl acetate	12.05	43	205103	21.222	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	140770	20.927	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	138425m	23.159	ug/l	
77) Bromobenzene	12.50	156	110058	20.857	ug/l	96
78) n-propylbenzene	12.57	91	565304	20.938	ug/l	100
79) 2-Chlorotoluene	12.65	91	338921	20.958	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	413911	21.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	48373	19.561	ug/l	93
82) 4-Chlorotoluene	12.75	91	354096	21.113	ug/l	98
83) tert-Butylbenzene	12.97	119	332336	19.953	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	414946	21.197	ug/l	98
85) sec-Butylbenzene	13.15	105	444177	20.462	ug/l	100
86) p-Isopropyltoluene	13.26	119	399889	20.749	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	203456	20.988	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	201714	20.096	ug/l	98
89) n-Butylbenzene	13.59	91	360896	20.270	ug/l	98
90) Hexachloroethane	13.85	117	66666	18.687	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	203696	21.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31807	21.507	ug/l	96

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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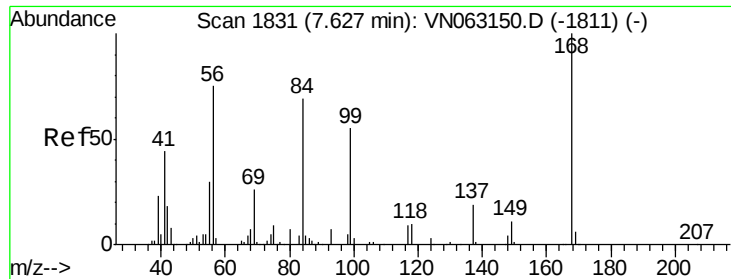
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	112624	21.429	ug/l	99
94) Hexachlorobutadiene	14.98	225	44055	22.439	ug/l	97
95) Naphthalene	15.10	128	340985	19.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	108395	21.170	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion:168 Resp: 414256

Ion Ratio Lower Upper

168 100

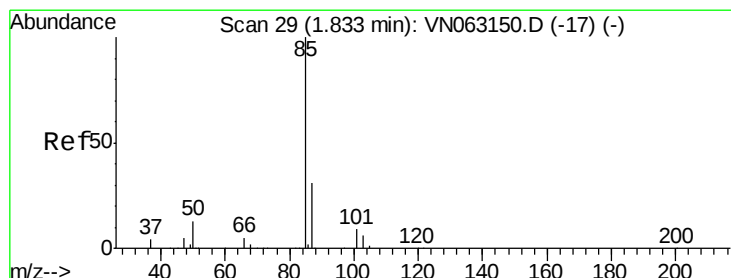
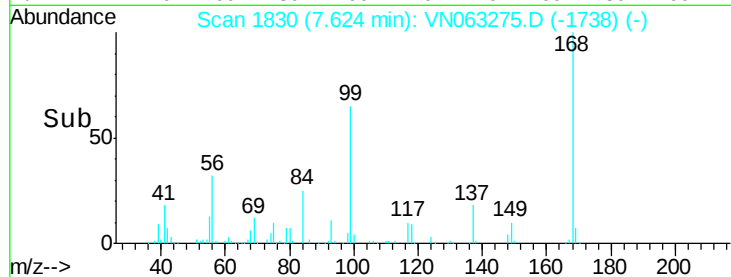
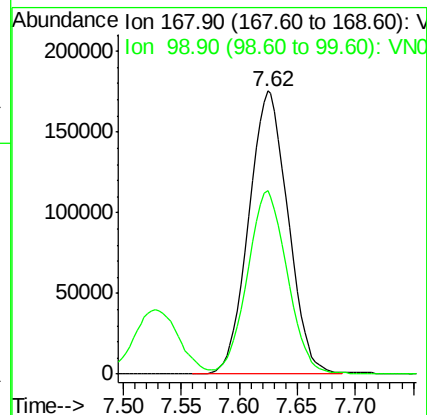
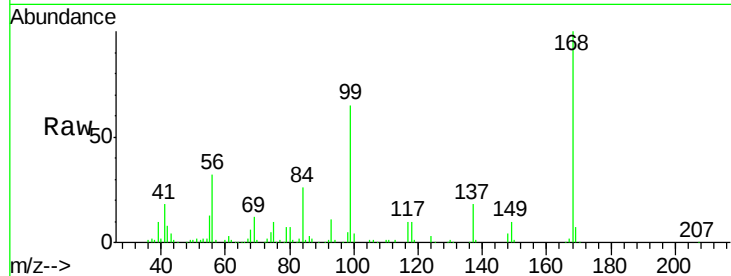
99 64.2 54.2 81.2

Manual Integrations

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9/10/2020 4:04:17 PM



#2

Dichlorodifluoromethane

Concen: 17.987 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063275.D

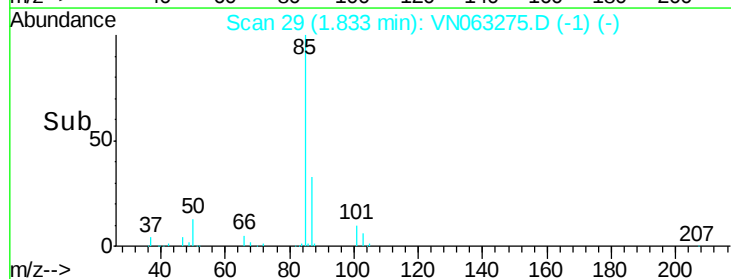
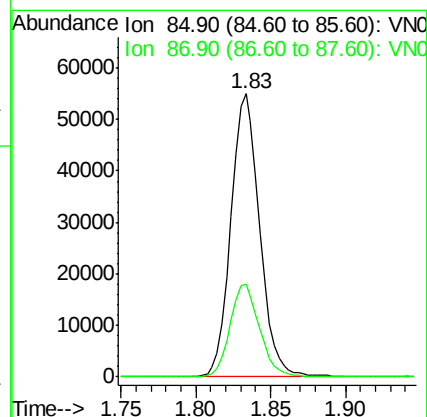
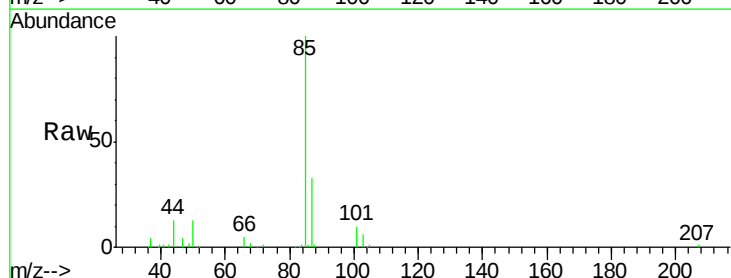
Acq: 9 Sep 2020 12:16

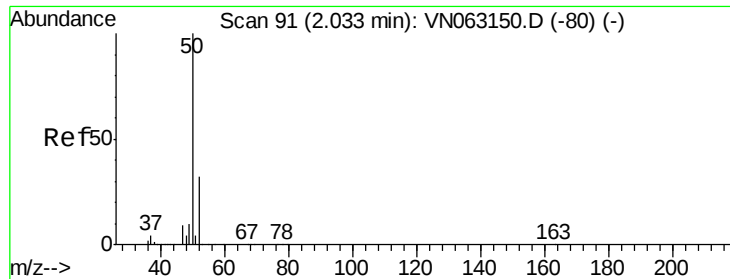
Tgt Ion: 85 Resp: 73381

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8





#3

Chloromethane

Concen: 17.496 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion: 50 Resp: 103937

Ion Ratio Lower Upper

50 100

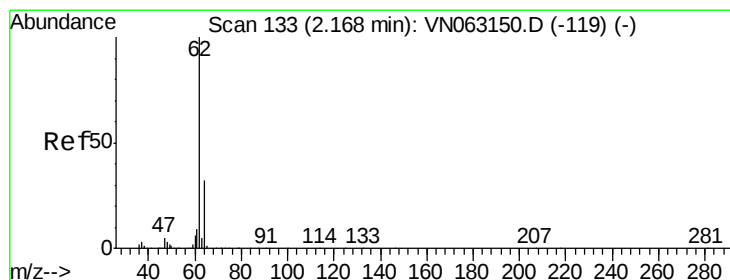
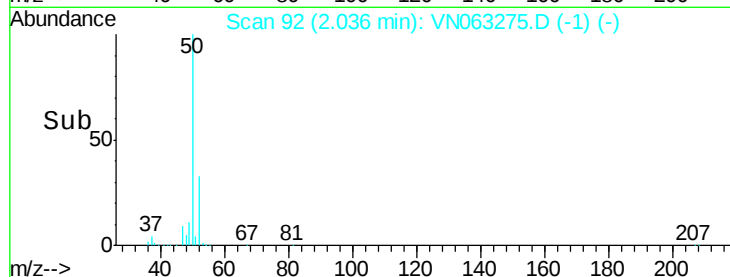
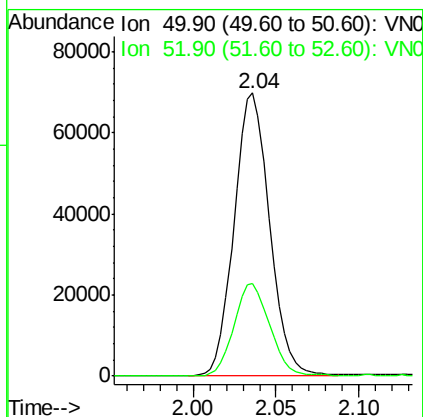
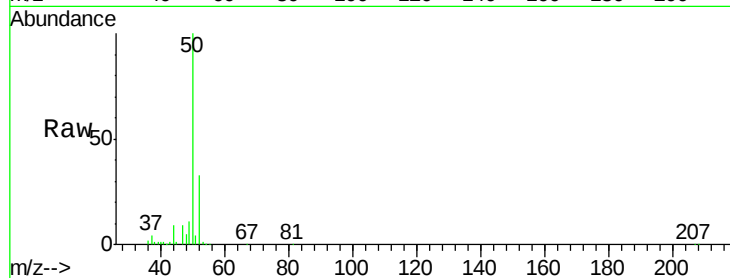
52 32.8 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.472 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063275.D

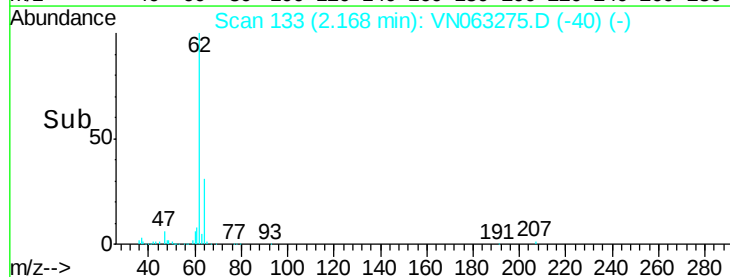
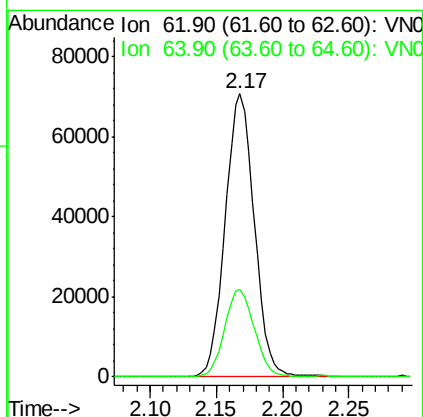
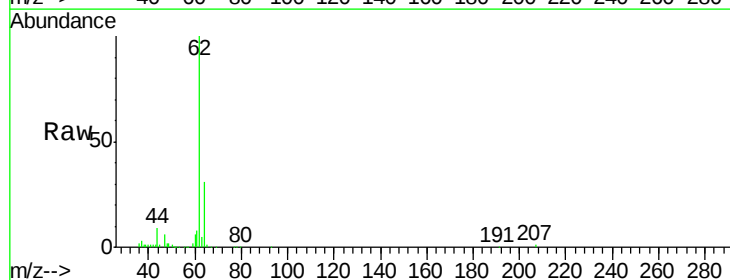
Acq: 9 Sep 2020 12:16

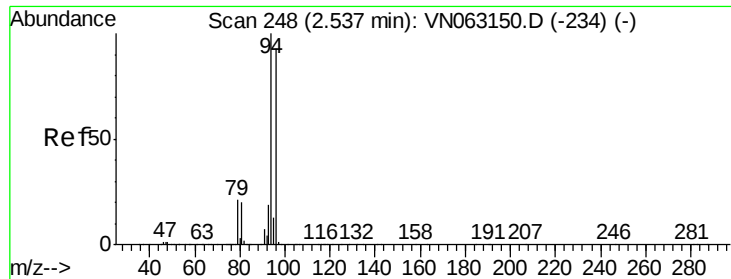
Tgt Ion: 62 Resp: 108092

Ion Ratio Lower Upper

62 100

64 30.7 25.8 38.8





#5

Bromomethane

Concen: 12.959 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion: 94 Resp: 71584

Ion Ratio Lower Upper

94 100

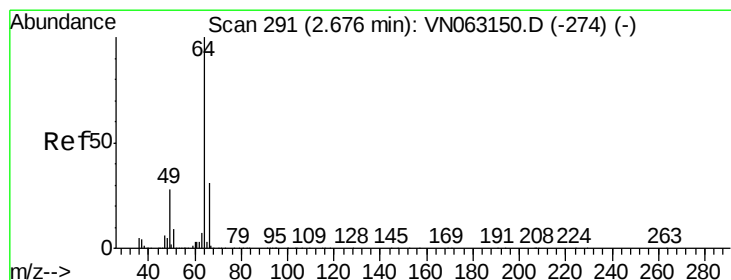
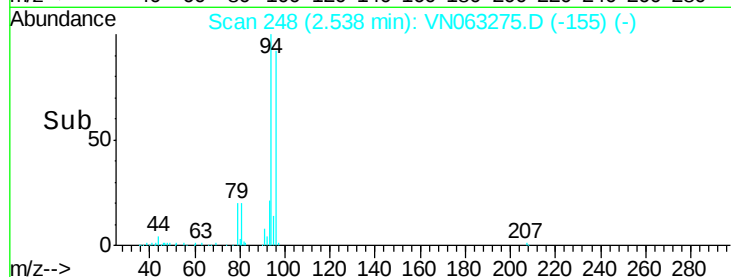
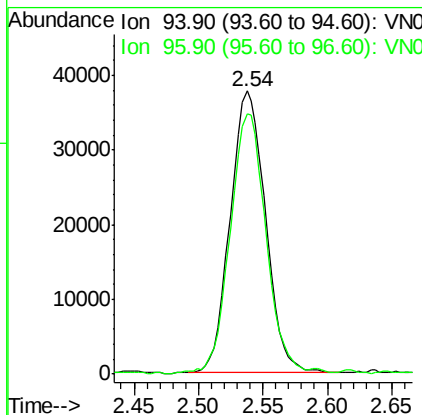
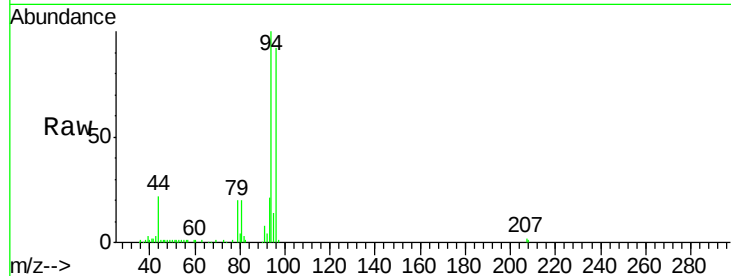
96 91.8 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 13.414 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063275.D

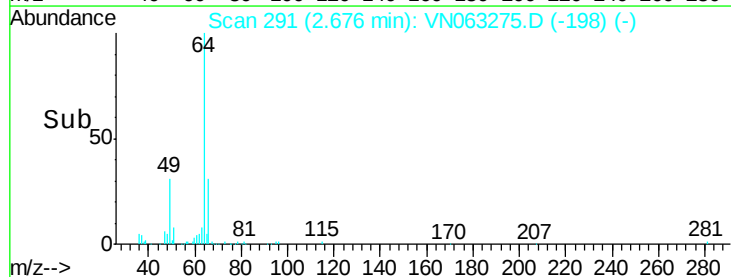
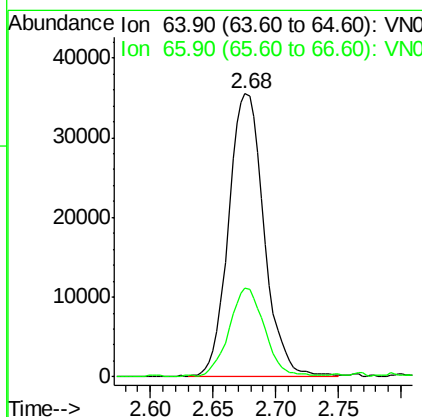
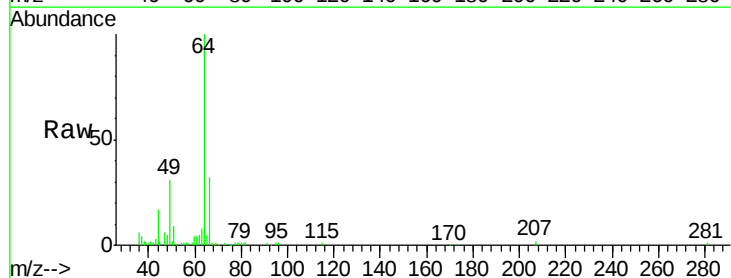
Acq: 9 Sep 2020 12:16

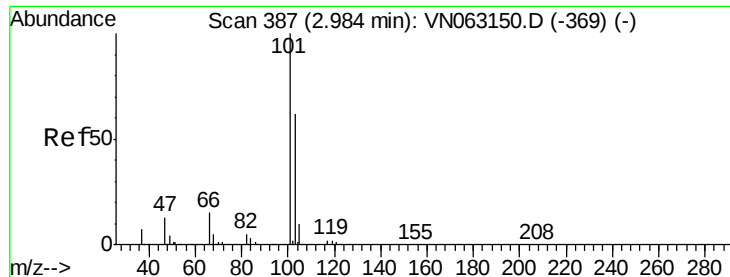
Tgt Ion: 64 Resp: 69991

Ion Ratio Lower Upper

64 100

66 31.0 24.7 37.1





#7

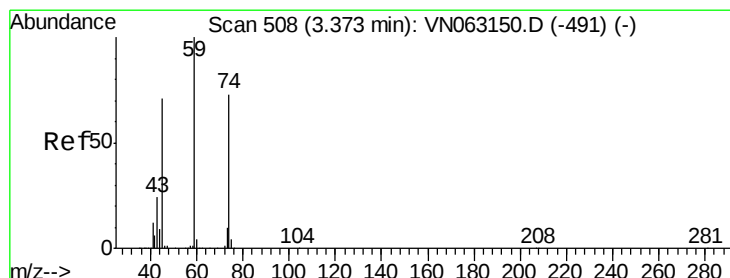
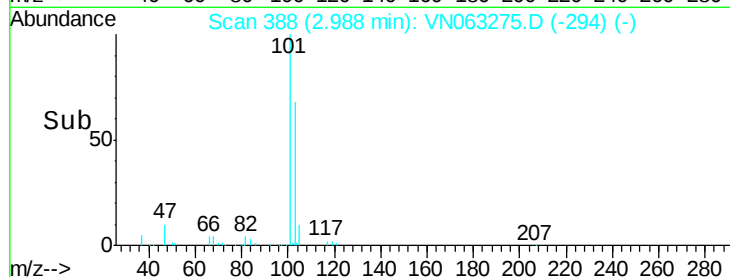
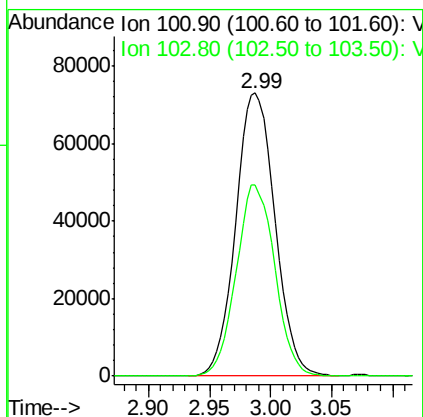
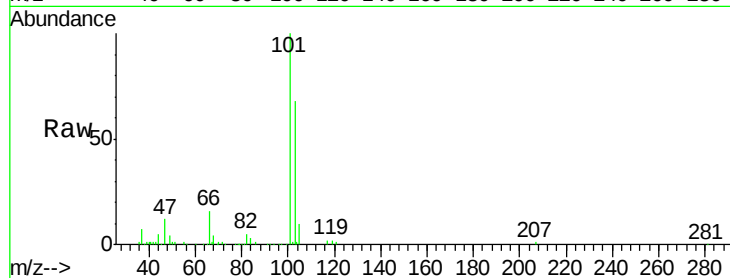
Trichlorofluoromethane
Concen: 15.322 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

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MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	49.7	74.5

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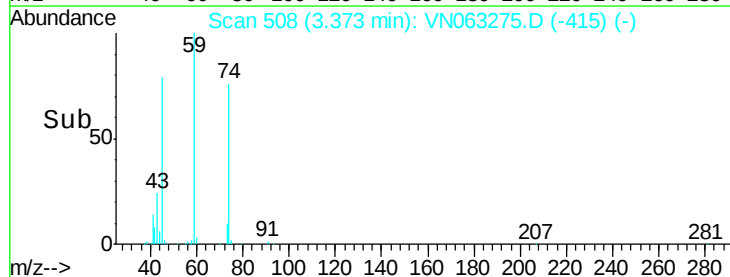
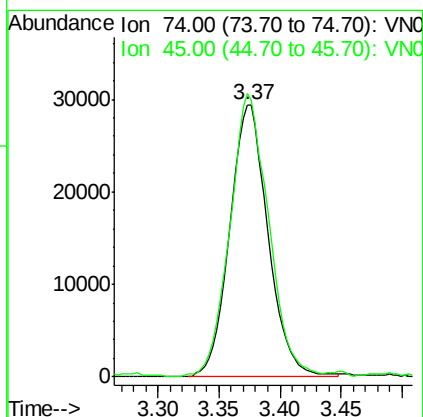
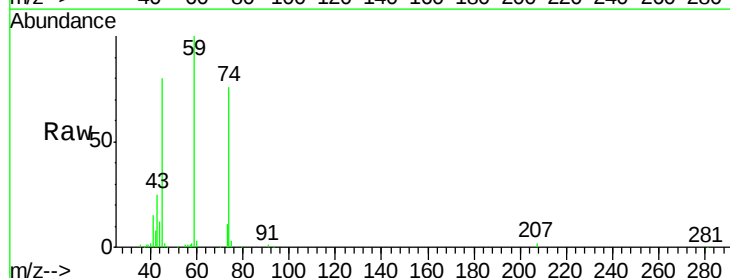
MMDadoda
9/10/2020 4:04:17 PM

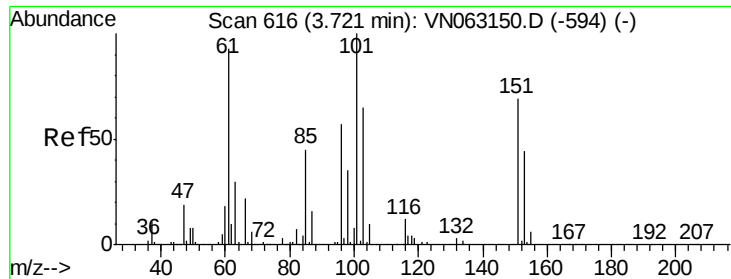


#8

Diethyl Ether
Concen: 20.412 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	49.5	148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.197 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

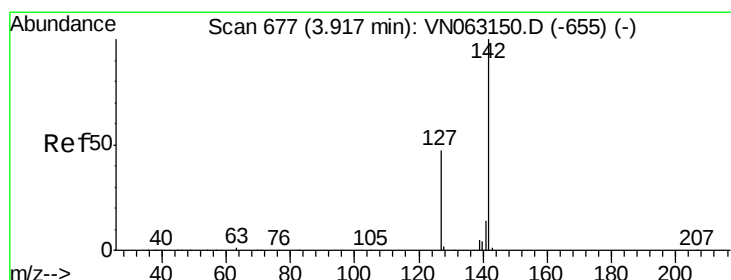
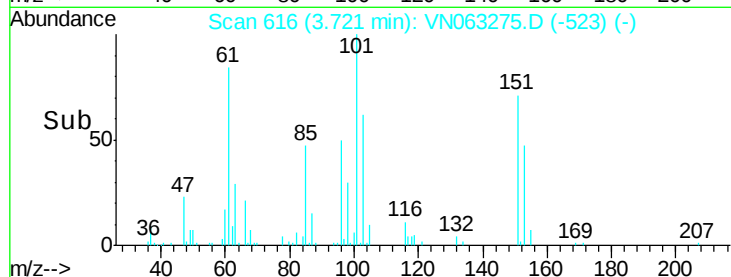
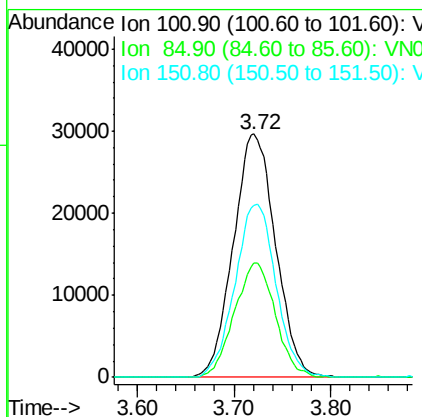
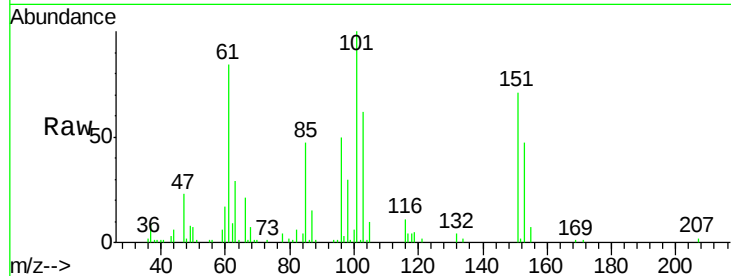
ClientSampleId :

VN0909MBS01

Tot Ion:	101	Resp:	90087
Ion Ratio	Lower	Upper	
101	100		
85	45.5	37.8	56.8
151	69.3	55.0	82.4

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 18.172 ug/l

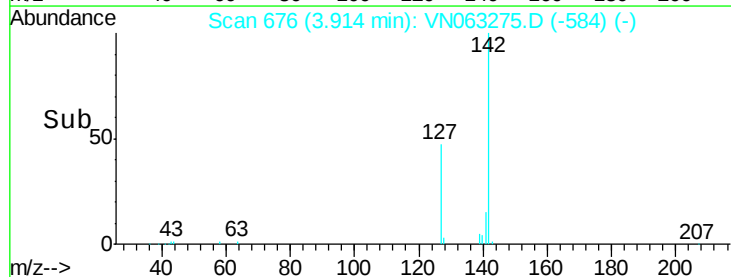
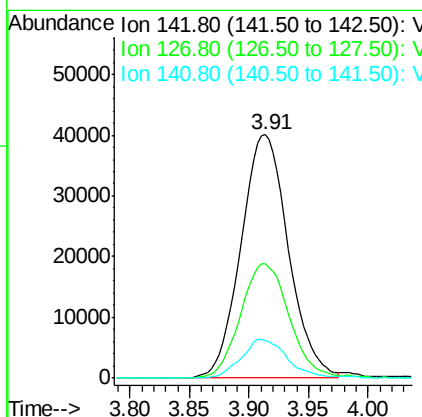
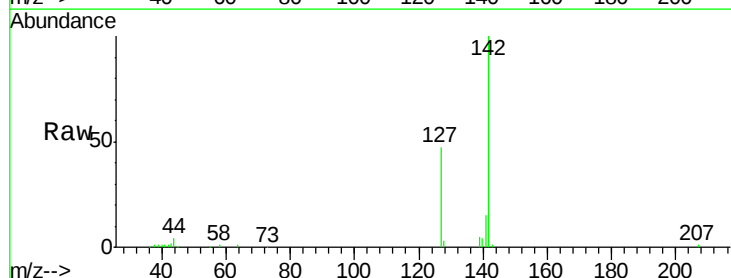
RT: 3.91 min Scan# 676

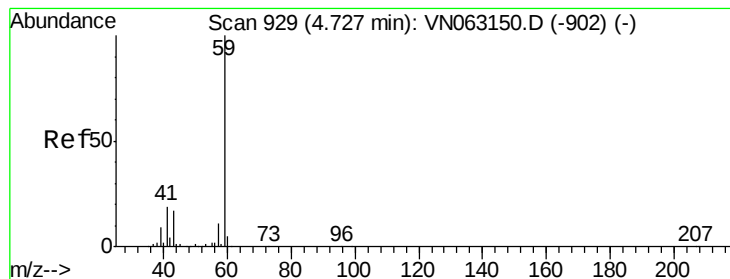
Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion:	142	Resp:	110546
Ion Ratio	Lower	Upper	
142	100		
127	48.2	37.6	56.4
141	15.4	11.3	16.9





#11

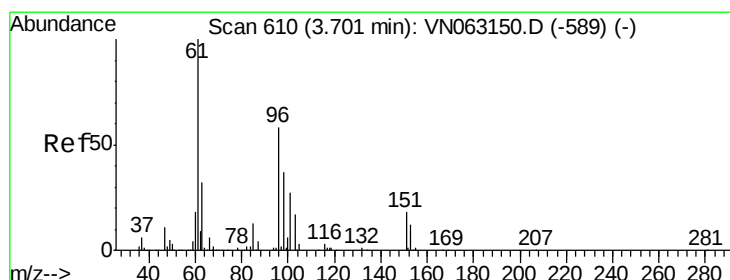
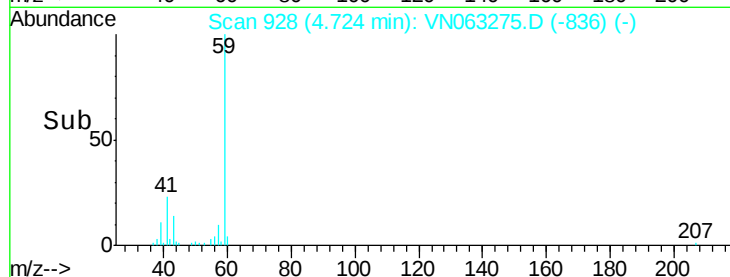
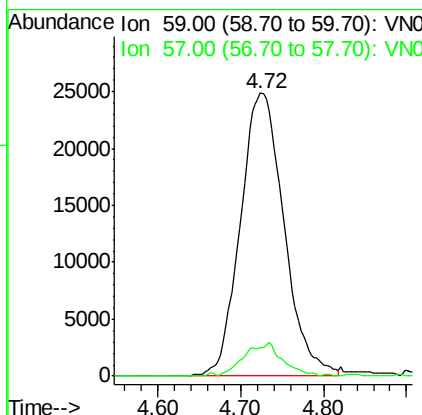
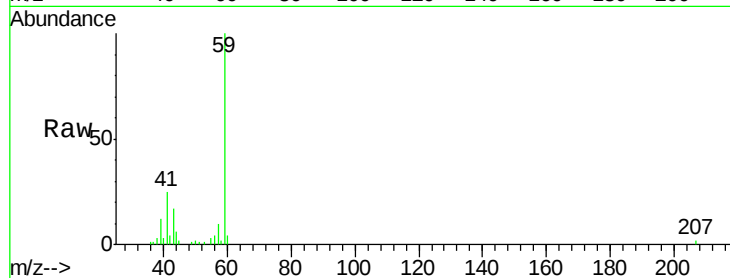
Tert butyl alcohol
 Concen: 109.467 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

Manual Integrations
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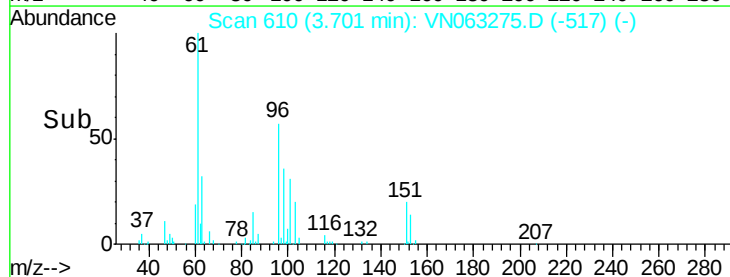
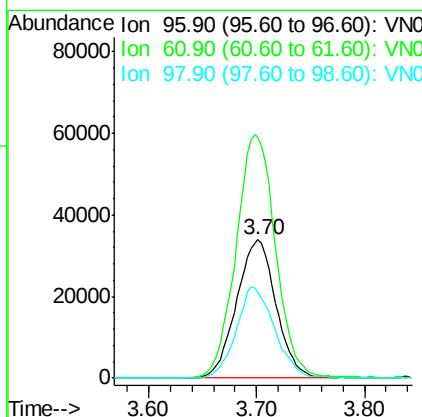
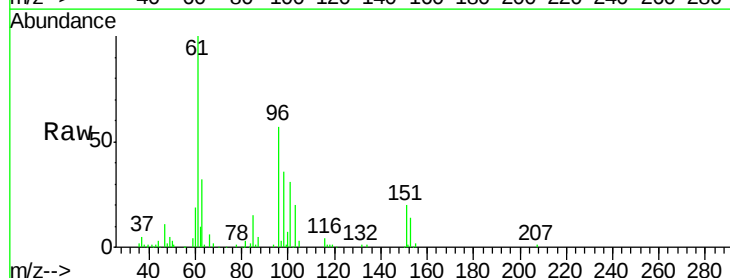
MMDadoda
 9/10/2020 4:04:17 PM

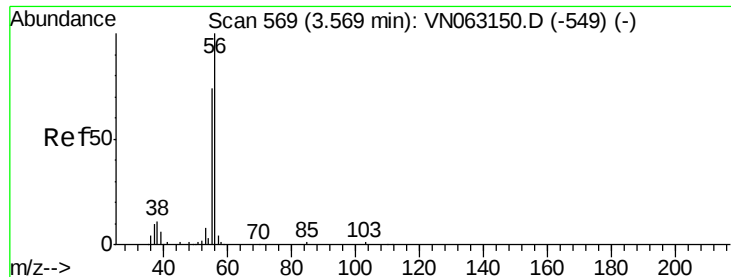


#12

1,1-Dichloroethene
 Concen: 19.000 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.9	137.4	206.2
98	62.2	50.5	75.7





#13

Acrolein

Concen: 53.620 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion: 56 Resp: 12785

Ion Ratio Lower Upper

56 100

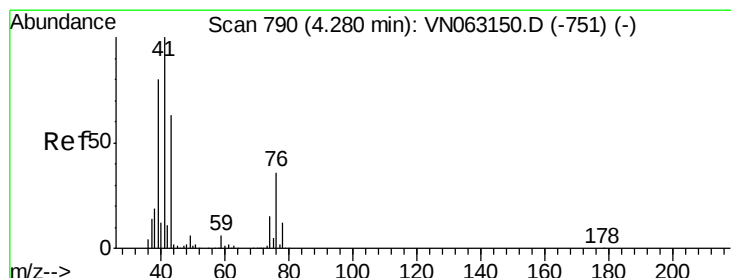
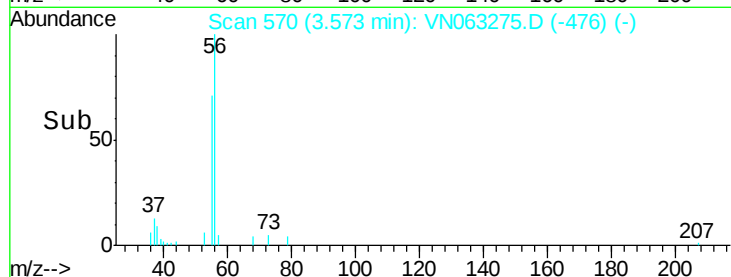
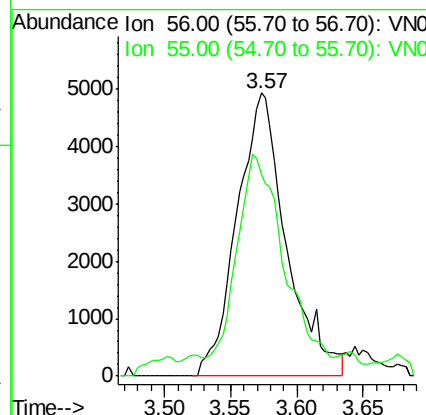
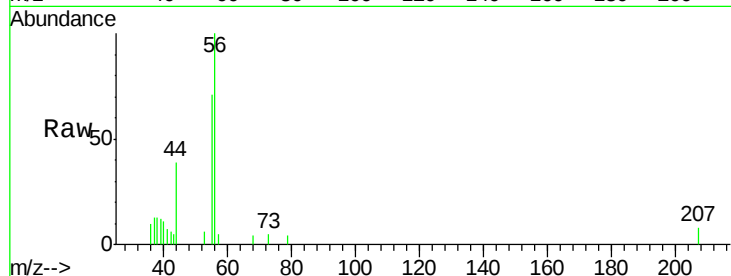
55 64.3 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.624 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

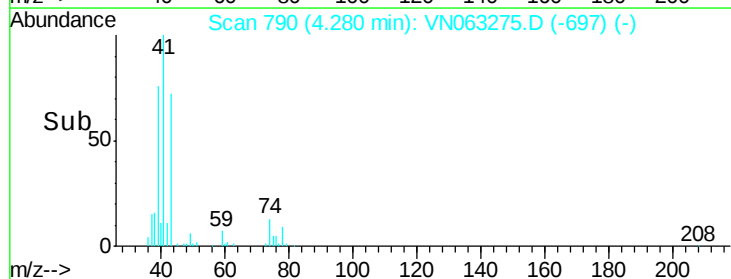
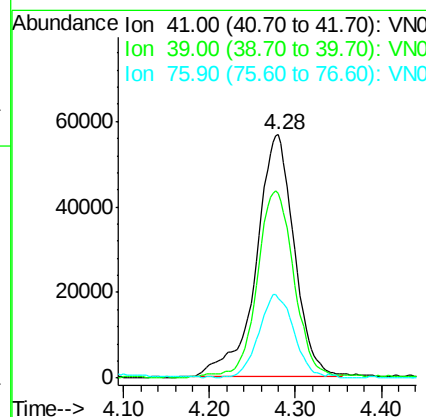
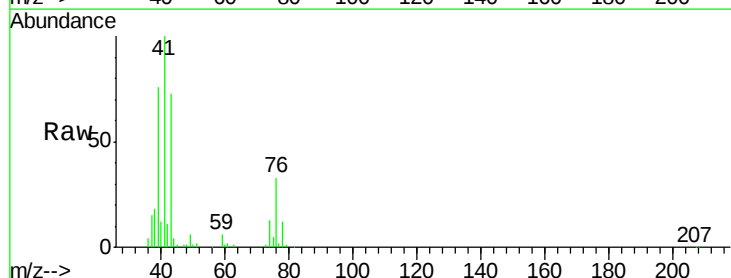
Tgt Ion: 41 Resp: 174551

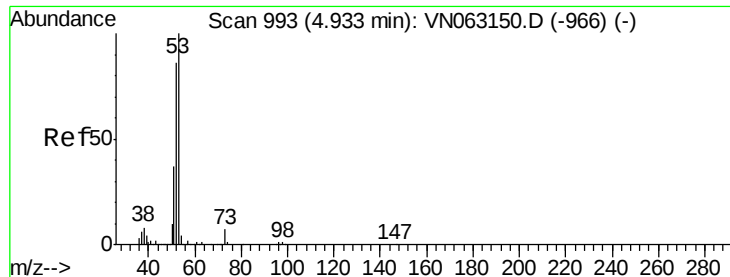
Ion Ratio Lower Upper

41 100

39 70.9 60.2 90.2

76 30.7 27.7 41.5





#15

Acrylonitrile

Concen: 105.071 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

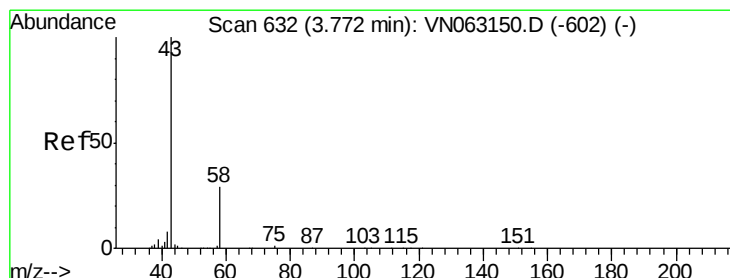
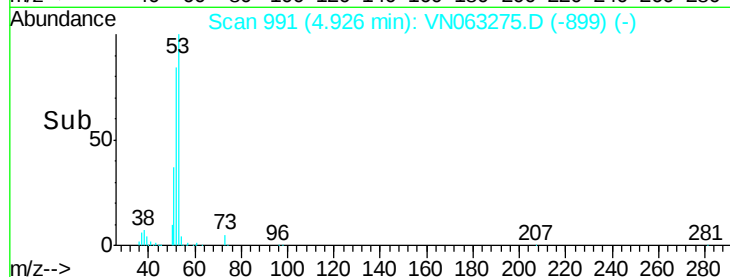
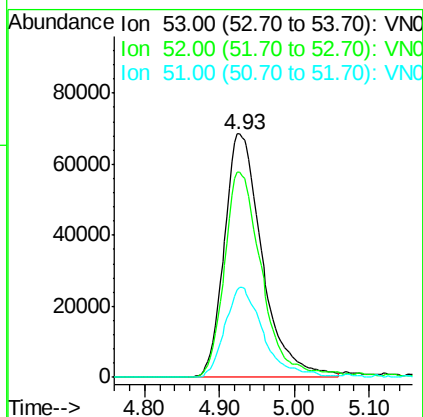
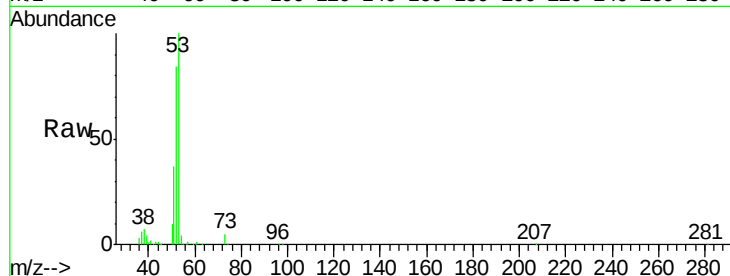
ClientSampleId :

VN0909MBS01

Tot Ion:	53	Resp:	241373
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.2	100.8
51	37.6	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 109.073 ug/l

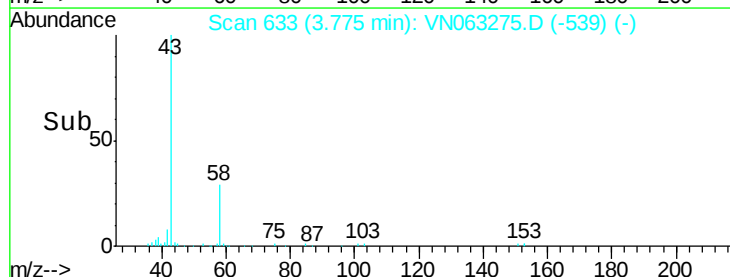
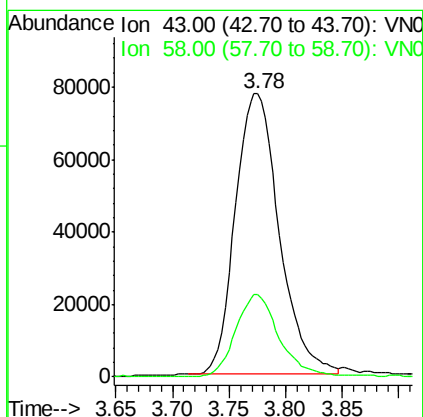
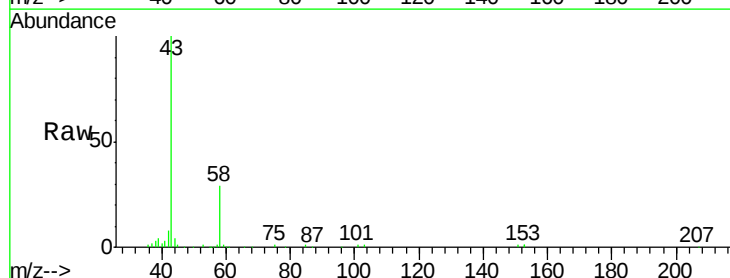
RT: 3.78 min Scan# 633

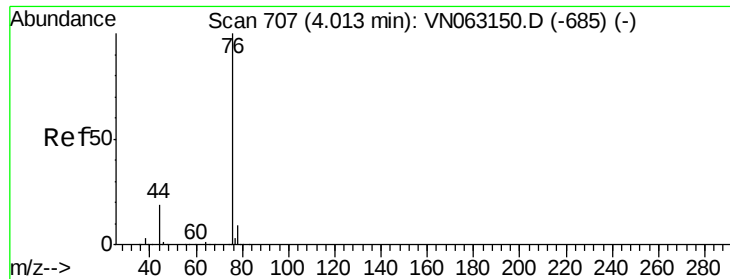
Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion:	43	Resp:	209971
Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.1	34.7





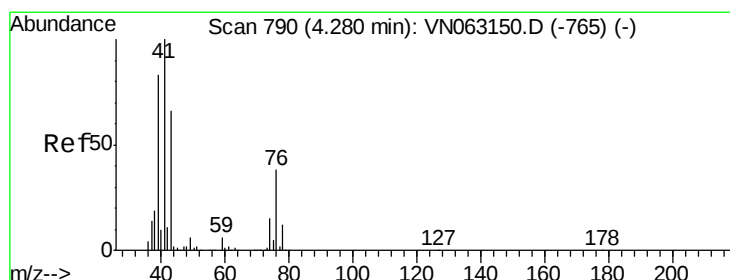
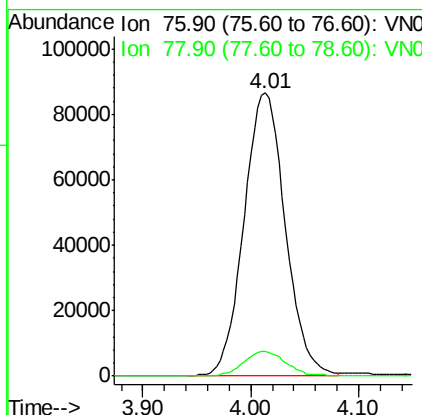
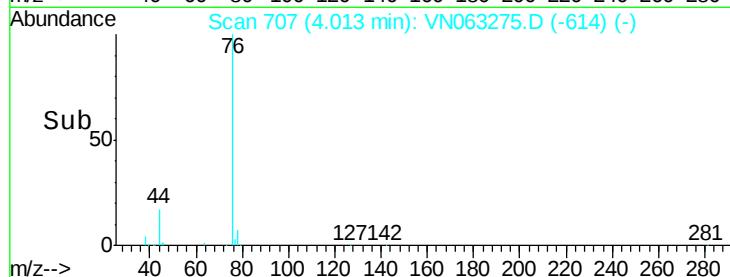
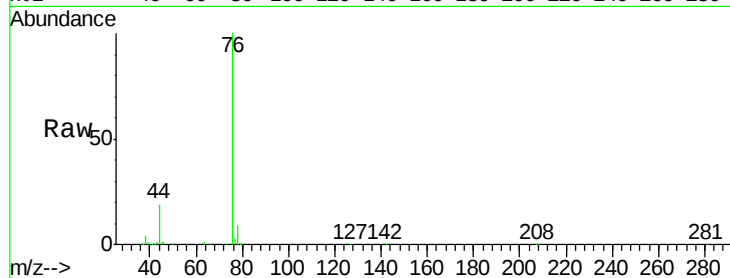
#17
Carbon Disulfide
Concen: 17.069 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

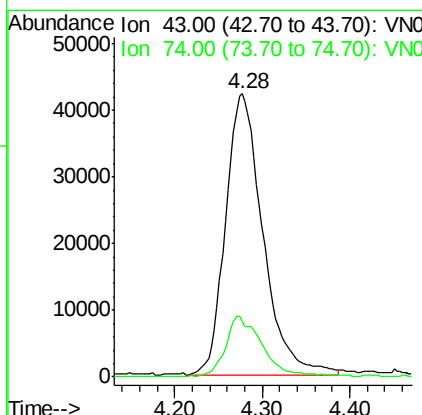
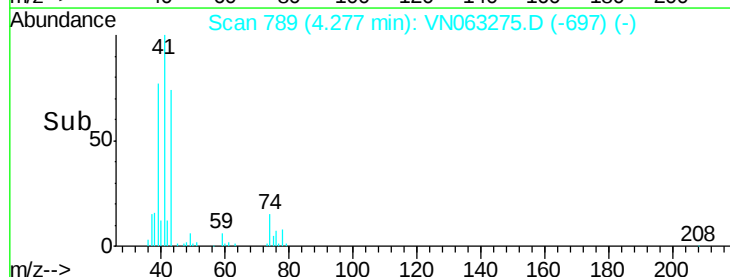
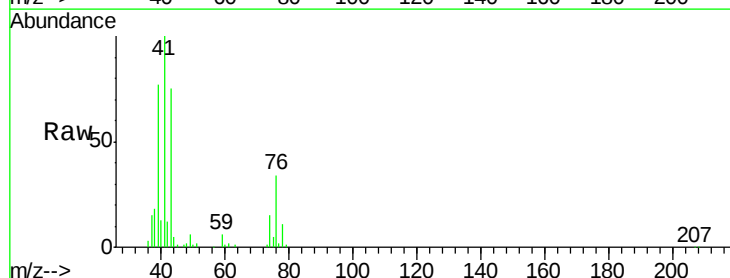
Manual Integrations
APPROVED

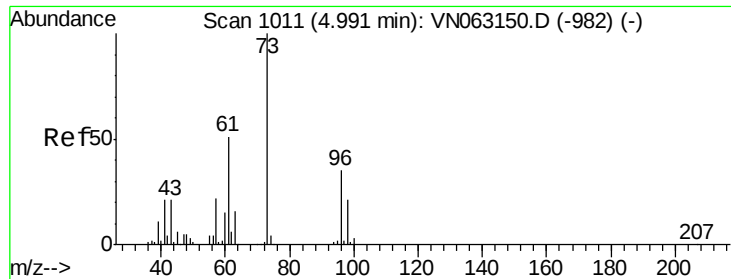
MMDadoda
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#18
Methyl Acetate
Concen: 25.184 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	19.0	28.6





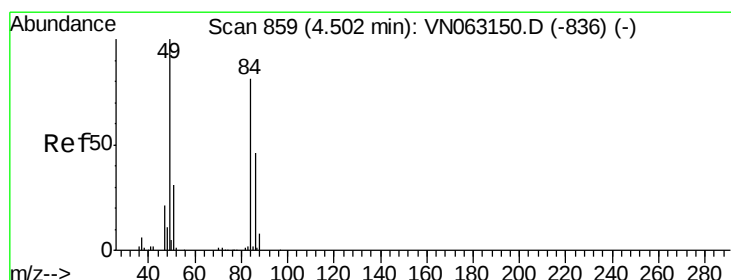
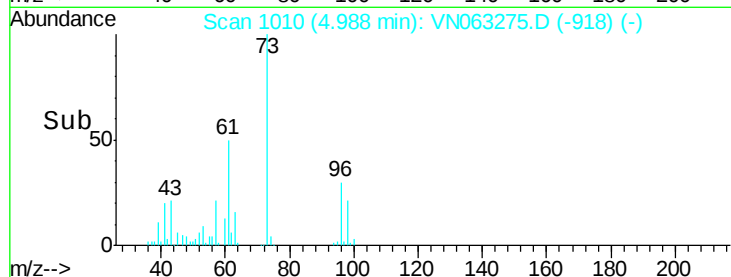
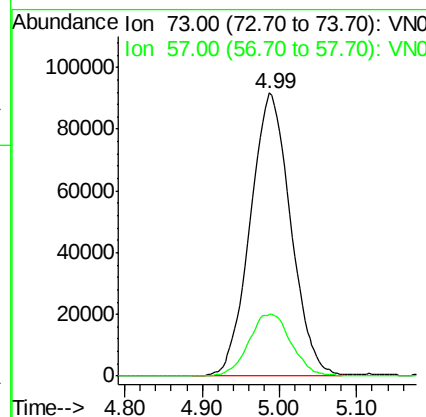
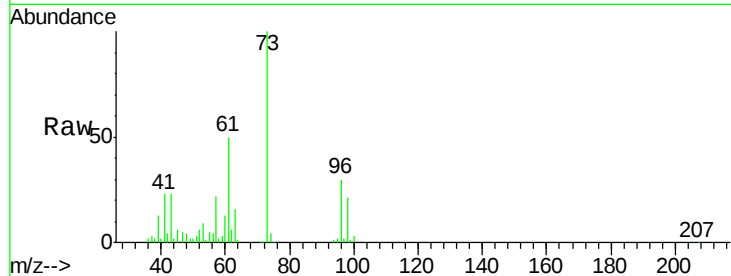
#19
Methvl tert-butvl Ether
Concen: 19.851 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion: 73 Resp: 334705
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

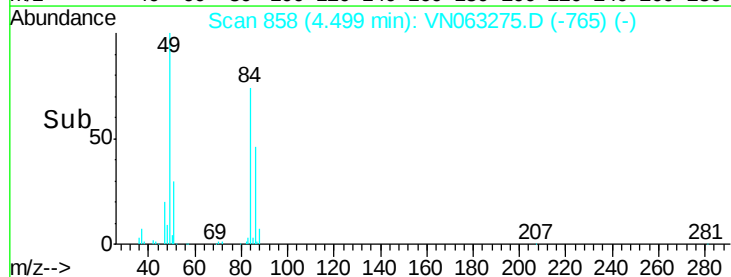
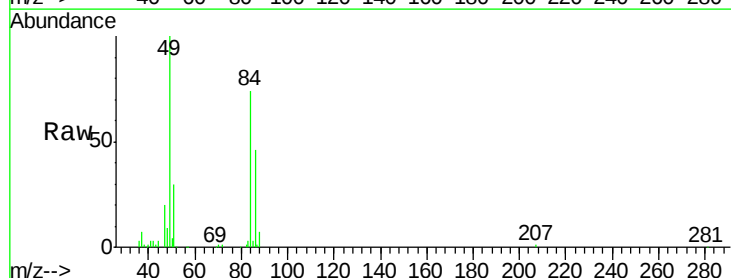
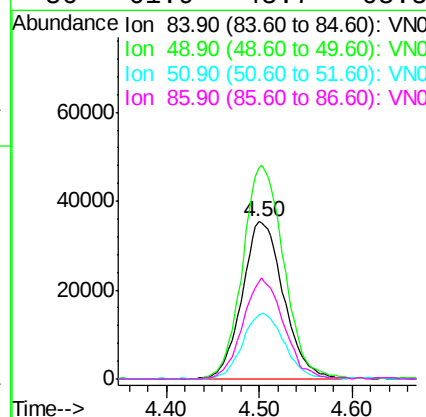
Manual Integrations
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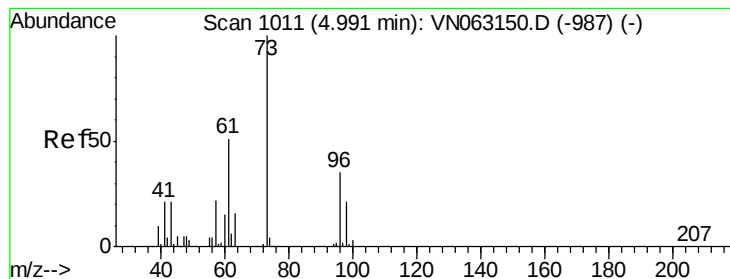
MMDadoda
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#20
Methylene Chloride
Concen: 20.014 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 84 Resp: 109934
Ion Ratio Lower Upper
84 100
49 134.7 98.4 147.6
51 40.6 30.4 45.6
86 61.9 45.7 68.5





#21

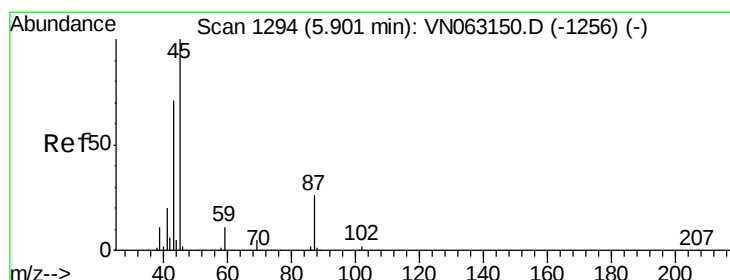
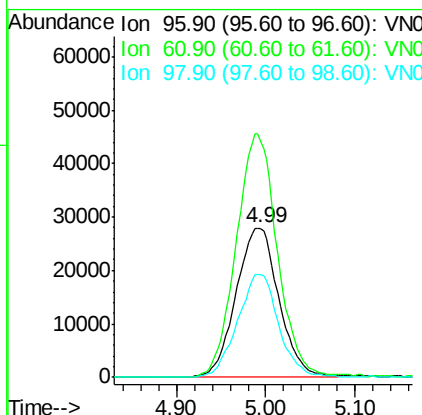
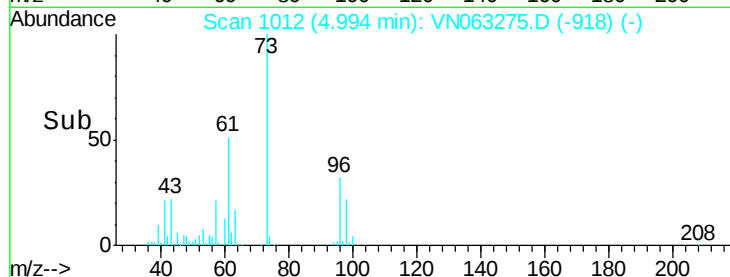
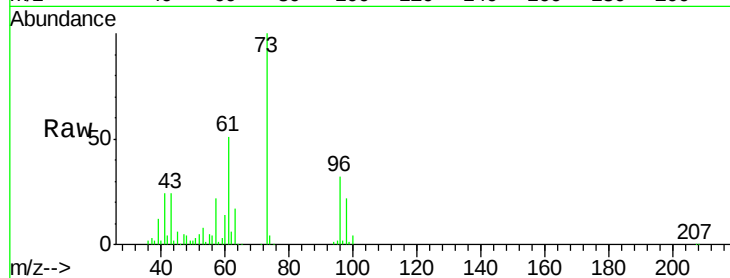
trans-1,2-Dichloroethene
Concen: 18.568 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.6	116.2	174.4
98	69.1	48.0	72.0

Manual Integrations
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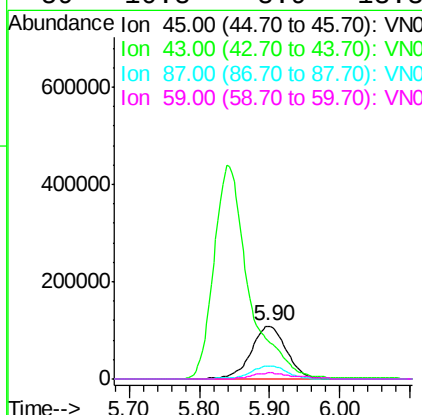
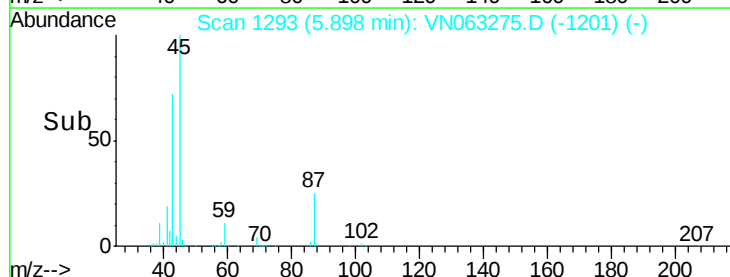
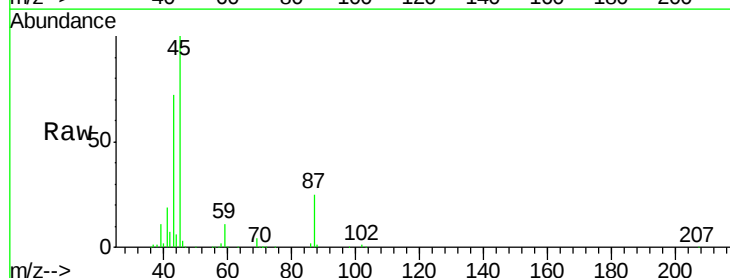
MMDadoda
9/10/2020 4:04:17 PM

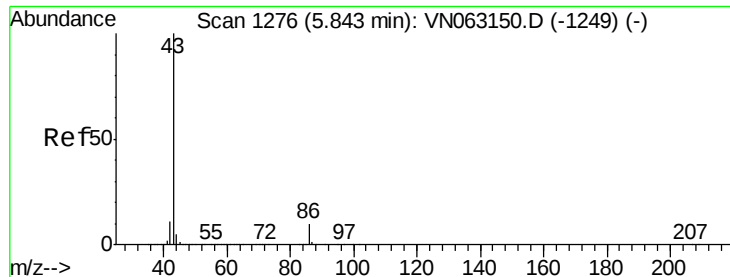


#22

Diisopropyl ether
Concen: 20.936 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.2	56.8	85.2
87	24.6	21.1	31.7
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 104.939 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

VN0909MBS01

Tot Ion: 43 Resp: 1514616

Ion Ratio Lower Upper

43 100

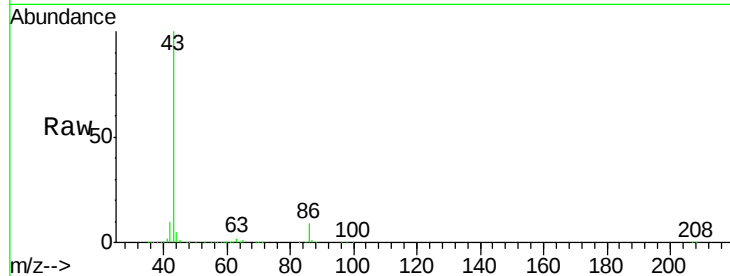
86 8.7 8.3 12.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

400000

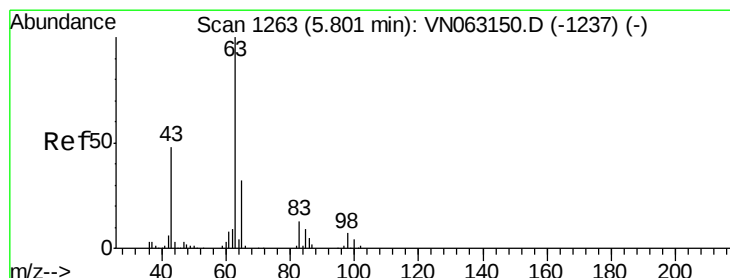
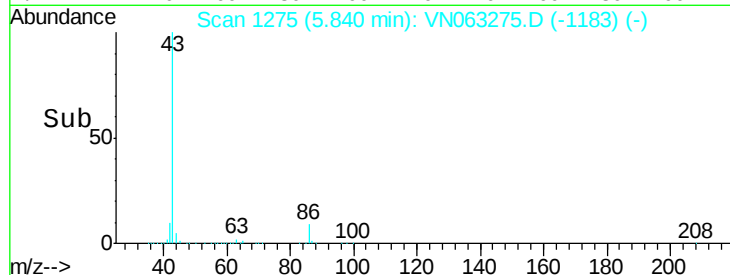
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.037 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

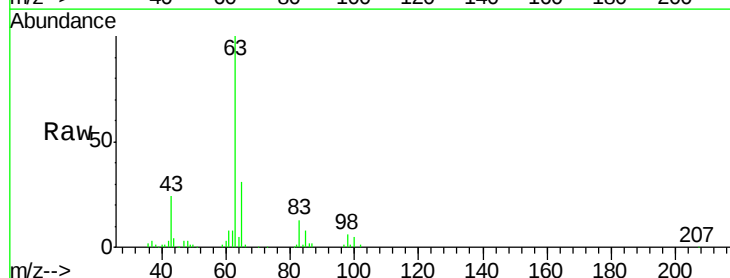
Tgt Ion: 63 Resp: 199806

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.7 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.79

80000

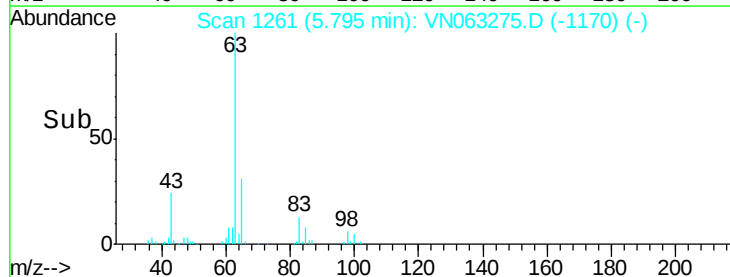
60000

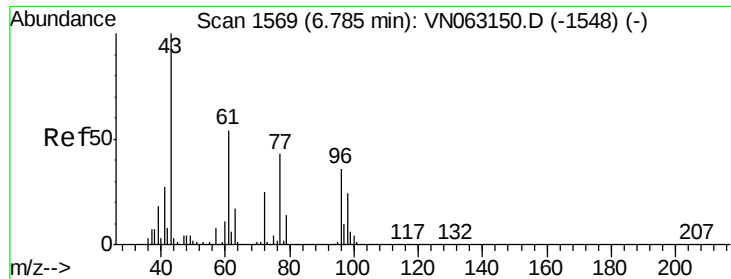
40000

20000

0

Time-->





#25

2-Butanone

Concen: 111.675 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

VN0909MBS01

Tot Ion: 43 Resp: 332875

Ion Ratio Lower Upper

43 100

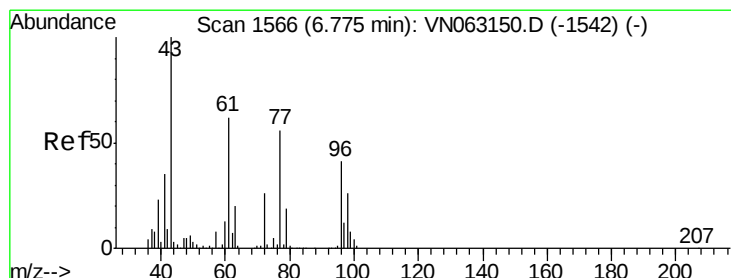
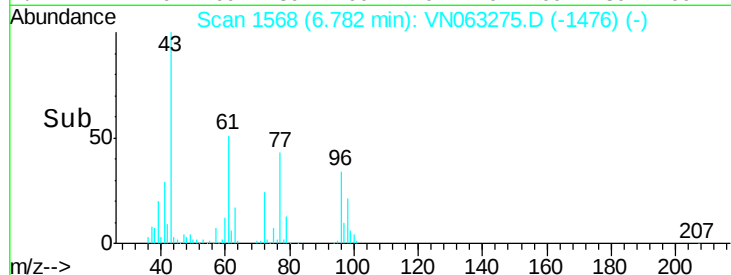
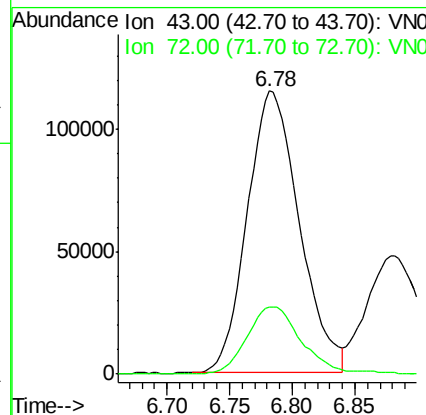
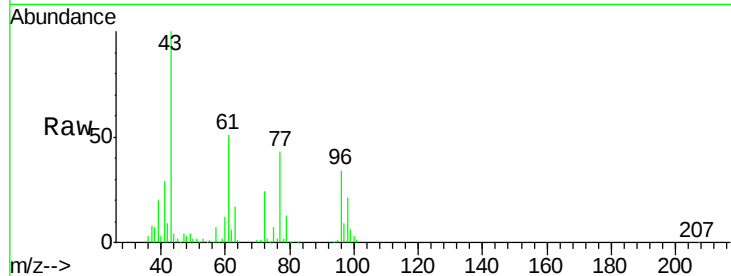
72 23.9 20.2 30.4

Manual Integrations

APPROVED

MMDadoda

9/10/2020 4:04:17 PM



#26

2,2-Dichloropropane

Concen: 18.637 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063275.D

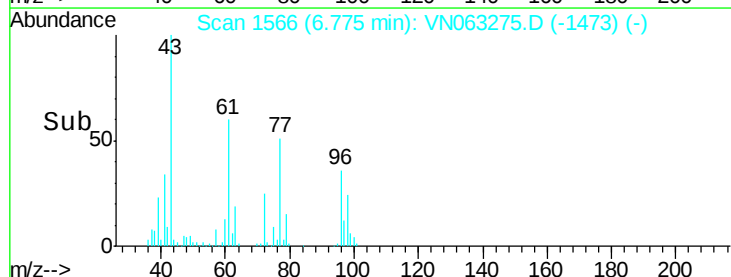
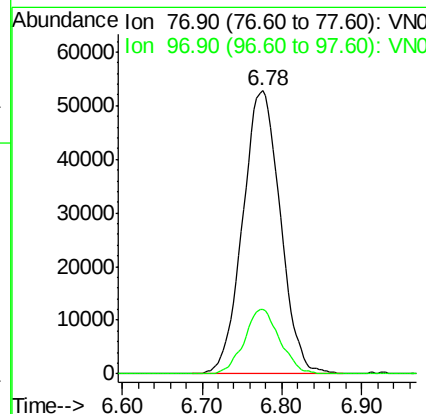
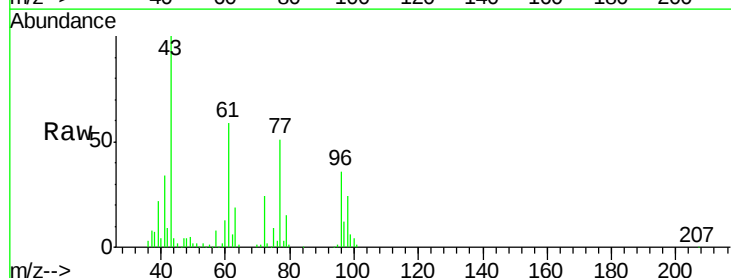
Acq: 9 Sep 2020 12:16

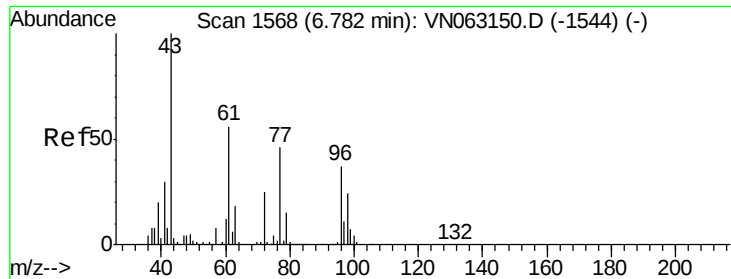
Tgt Ion: 77 Resp: 168385

Ion Ratio Lower Upper

77 100

97 21.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.129 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

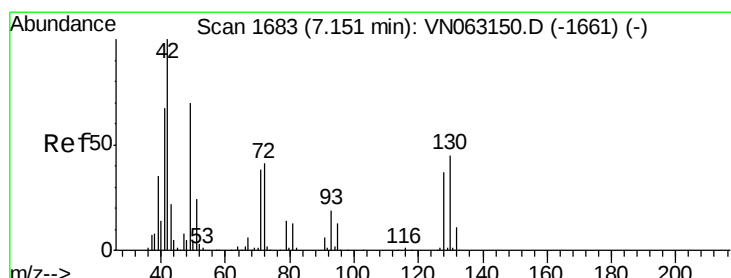
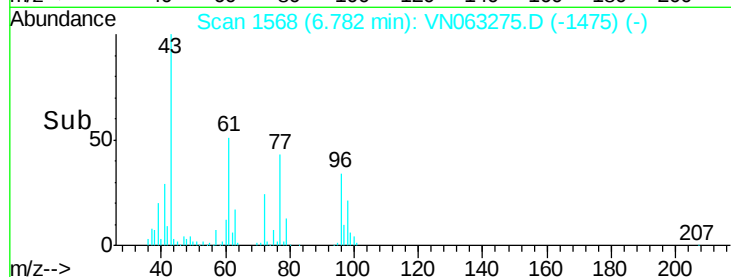
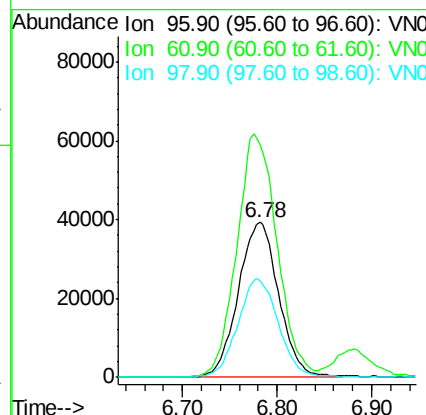
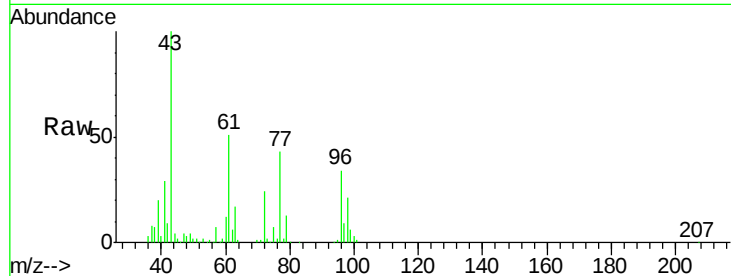
ClientSampleId :

VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.3	0.0	303.2	
98	63.7	0.0	129.0	

Manual Integrations
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#28

Bromochloromethane

Concen: 18.158 ug/l

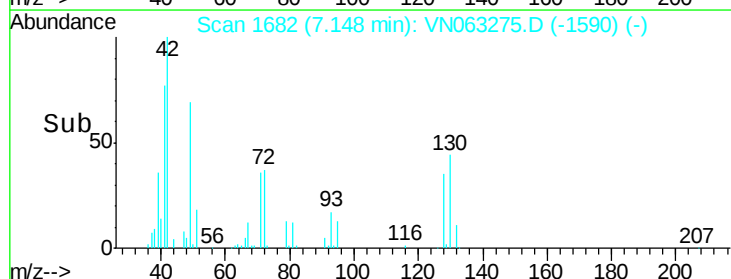
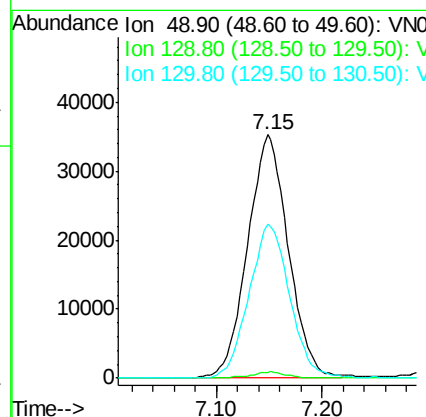
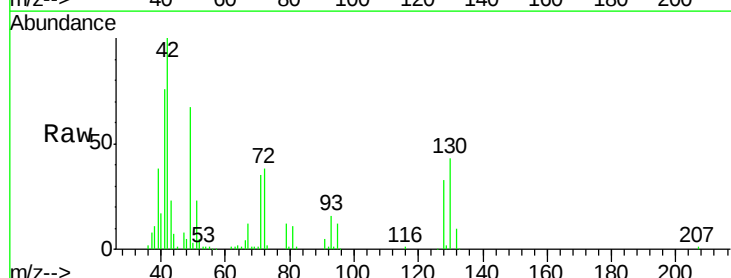
RT: 7.15 min Scan# 1682

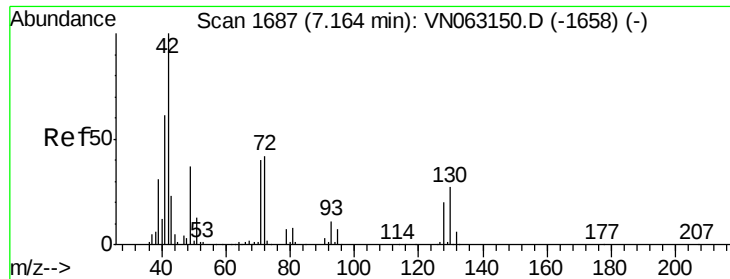
Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	63.3	54.4	81.6	





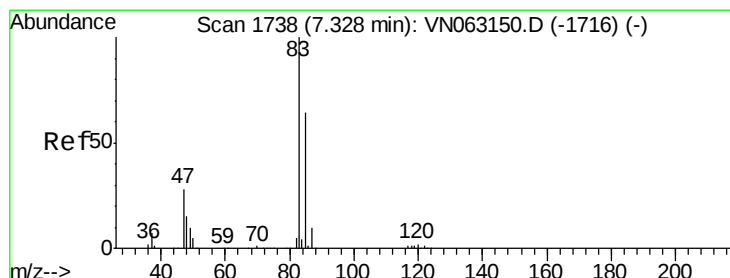
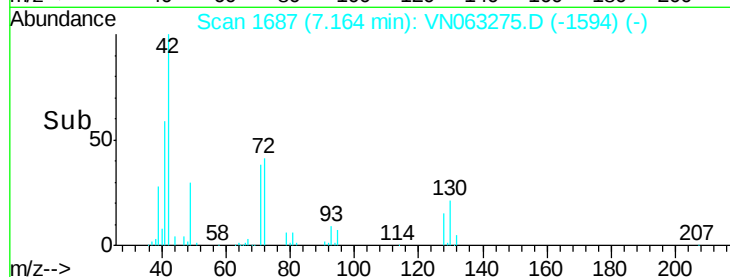
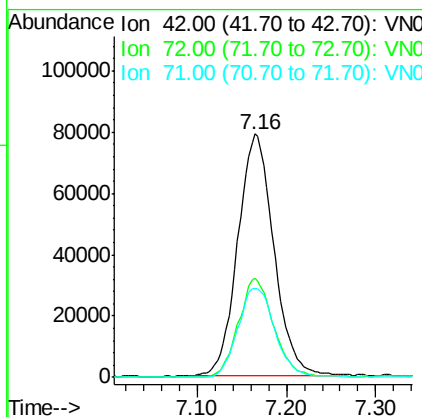
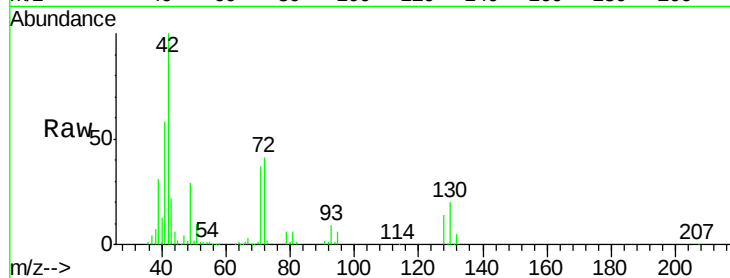
#29
Tetrahydrofuran
Concen: 106.899 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.9	50.9
71	37.9	31.9	47.9

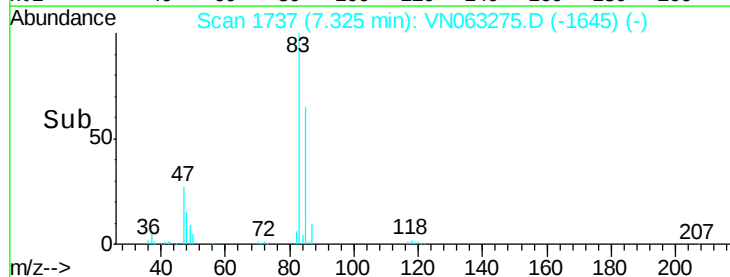
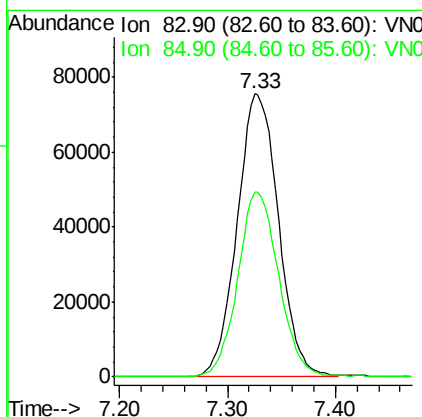
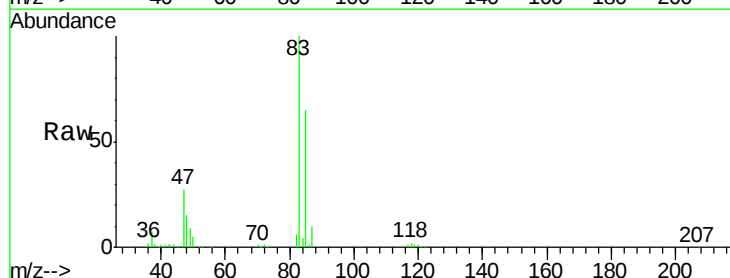
Manual Integrations
APPROVED

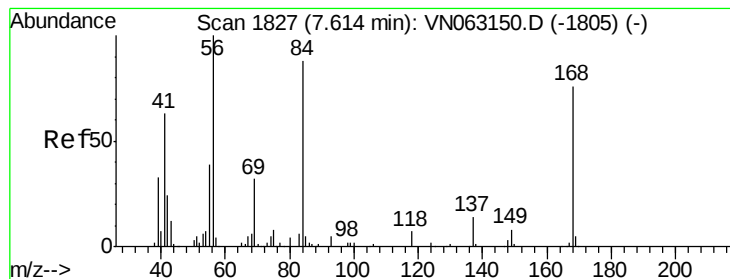
MMDadoda
9/10/2020 4:04:17 PM



#30
Chloroform
Concen: 19.326 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.0	76.6





#31

Cyclohexane

Concen: 18.680 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion: 56 Resp: 173803

Ion Ratio Lower Upper

56 100

69 37.4 25.4 38.0

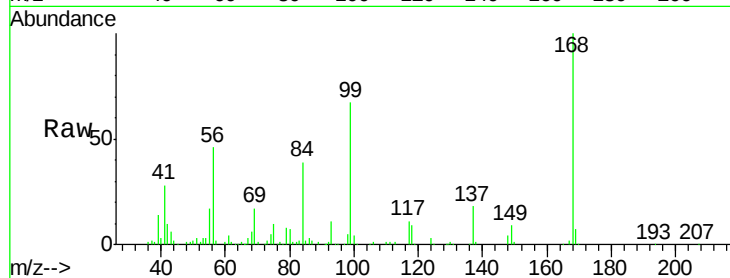
84 82.4 70.2 105.4

Manual Integrations

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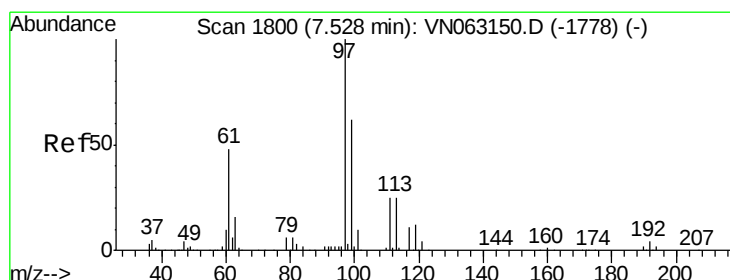
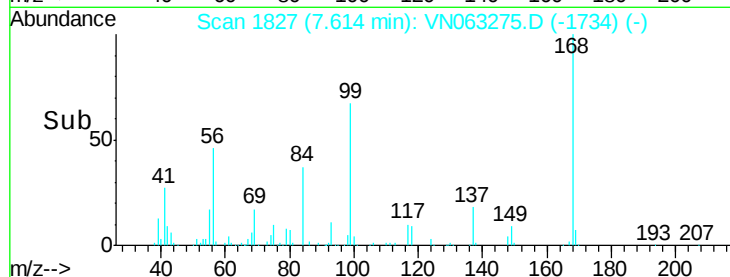


Abundance Ion 56.00 (55.70 to 56.70): VN063275.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063275.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063275.D (-1734) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 18.751 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

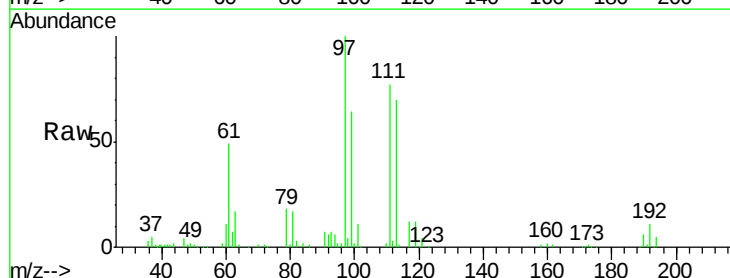
Tgt Ion: 97 Resp: 168574

Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 49.1 37.4 56.2

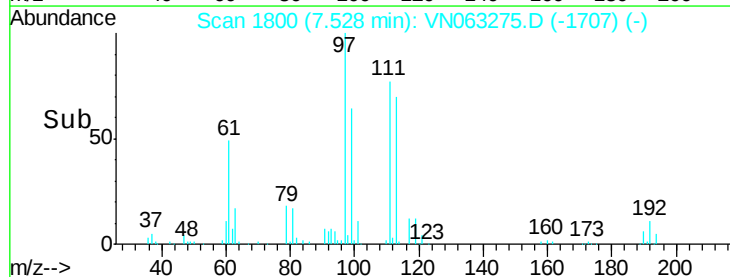


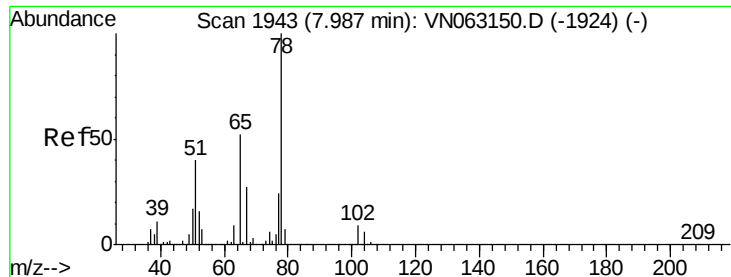
Abundance Ion 96.90 (96.60 to 97.60): VN063275.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063275.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063275.D (-1707) (-)

Time-->





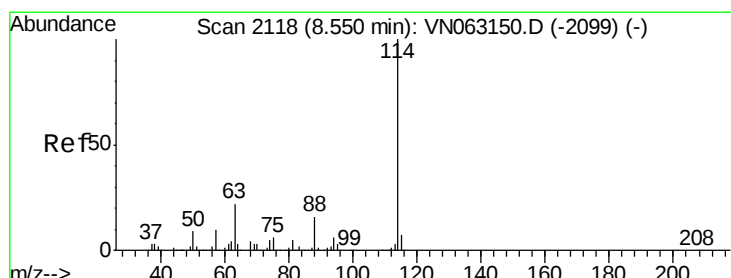
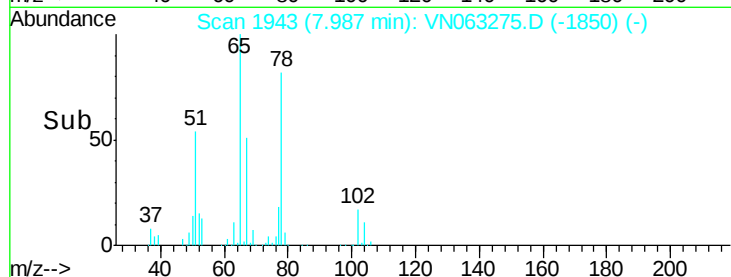
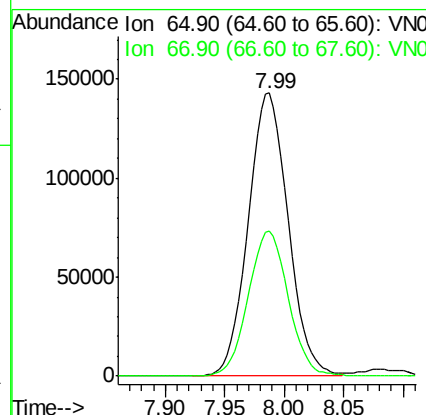
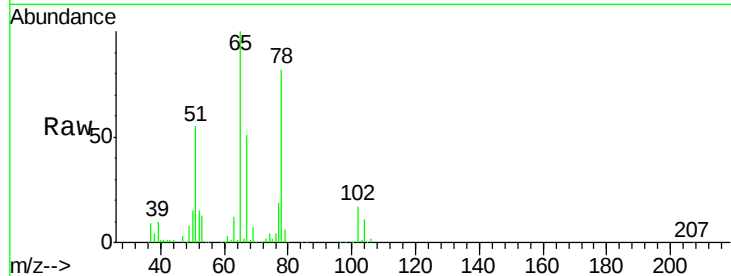
#33
 1,2-Dichloroethane-d4
 Concen: 49.218 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.3	0.0	104.4	

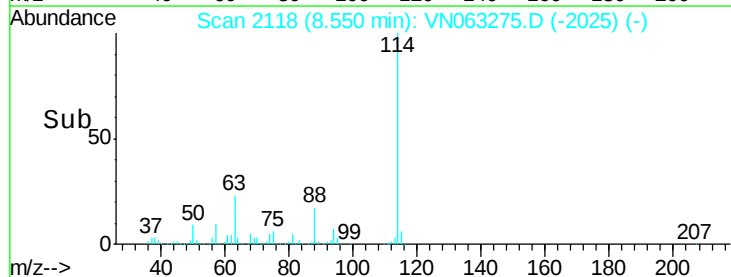
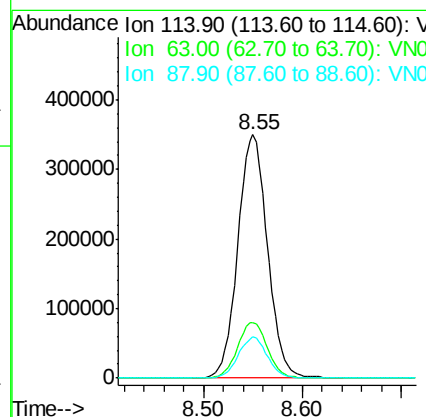
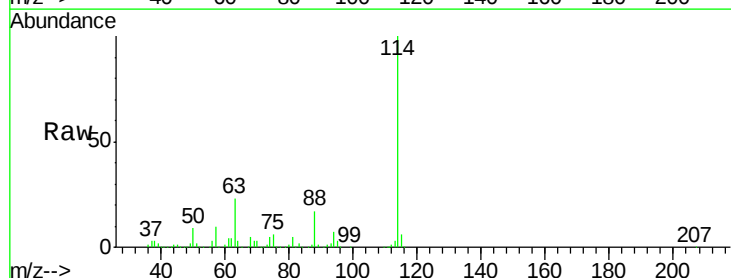
Manual Integrations
 APPROVED

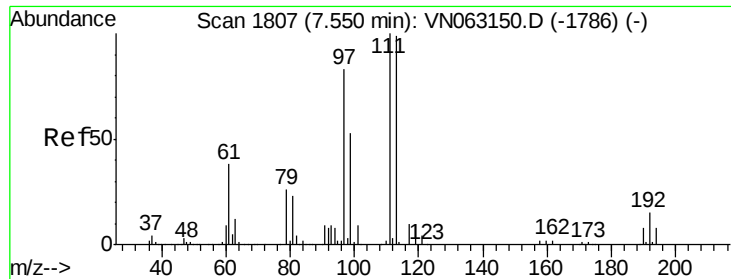
MMDadoda
 9/10/2020 4:04:17 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.0	0.0	43.0	
88	16.8	0.0	31.6	





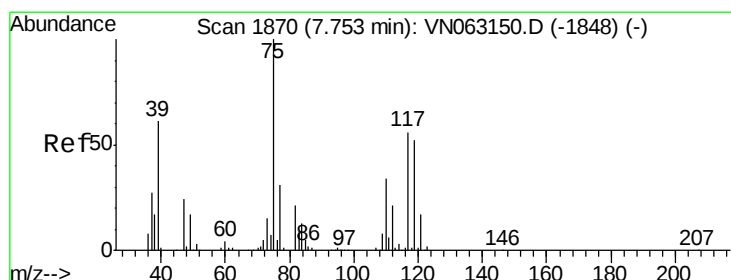
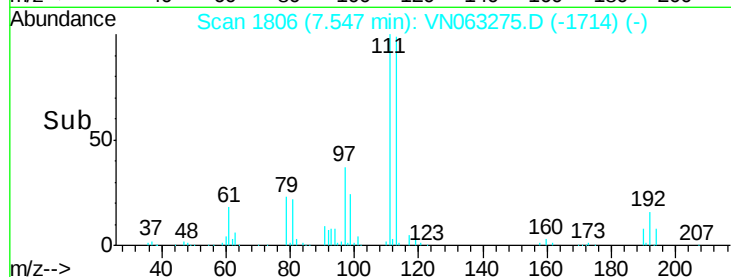
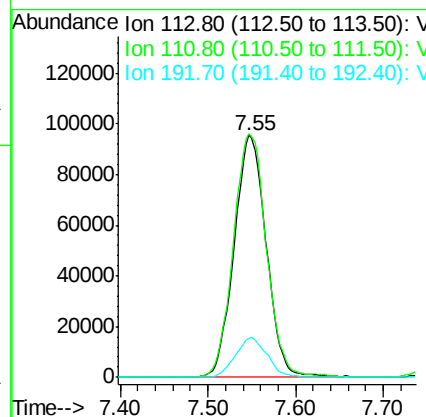
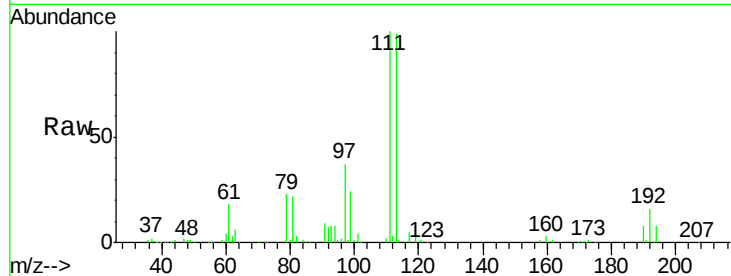
#35
 Dibromofluoromethane
 Concen: 51.878 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	243082		
111	103.1	80.7	121.1	
192	16.3	12.6	19.0	

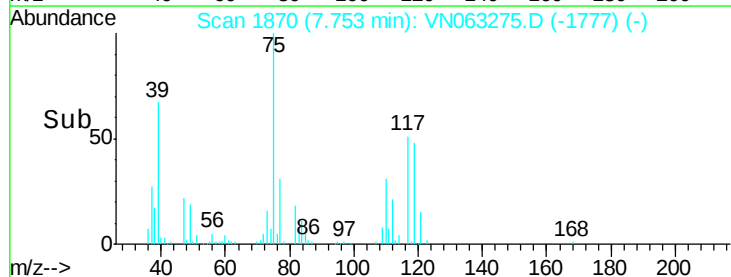
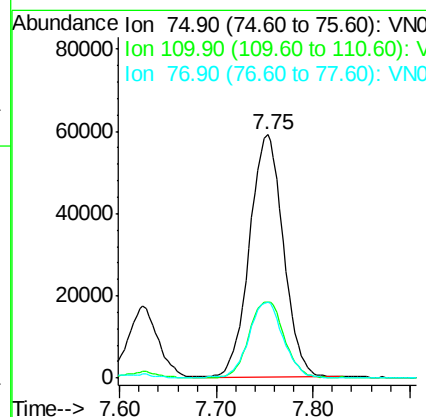
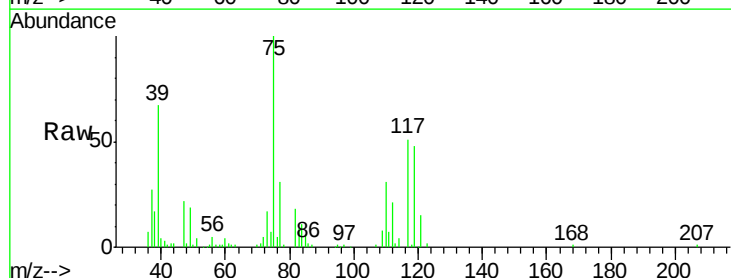
Manual Integrations
 APPROVED

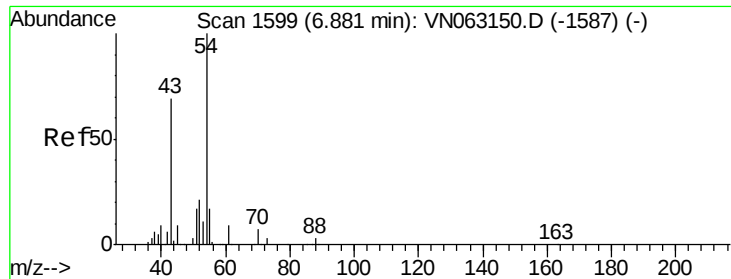
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 20.478 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	143782		
110	32.9	16.6	49.8	
77	31.8	25.4	38.2	





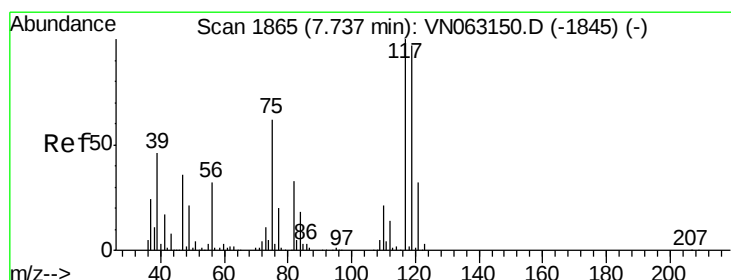
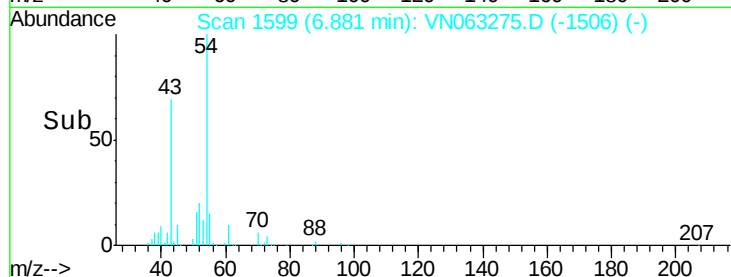
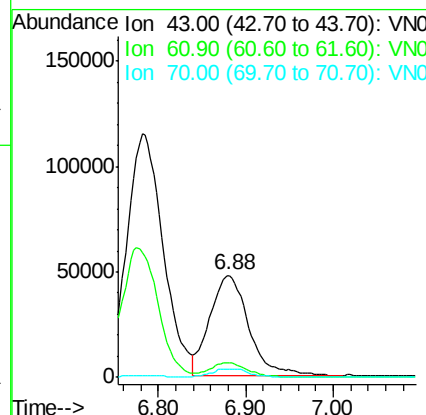
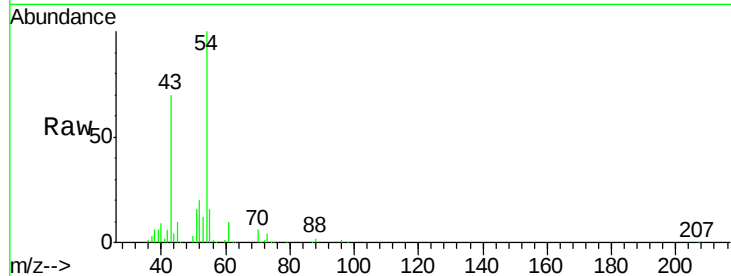
#37
Ethyl Acetate
Concen: 22.408 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.4
70	8.6	3.0	4.6

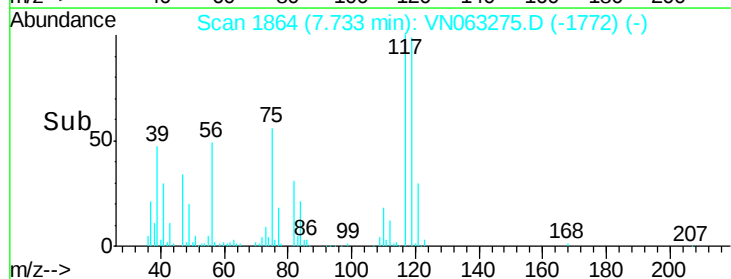
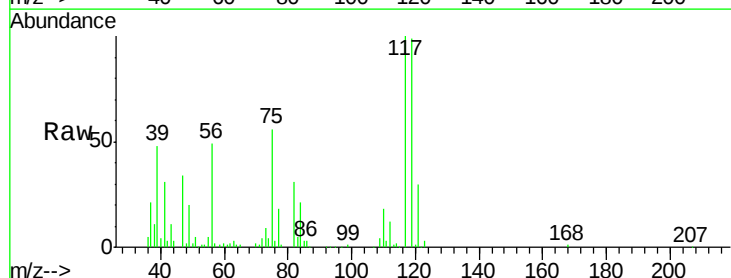
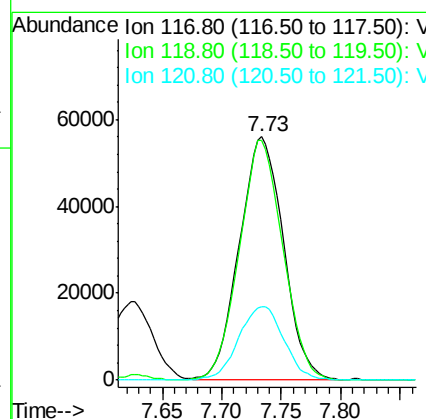
Manual Integrations
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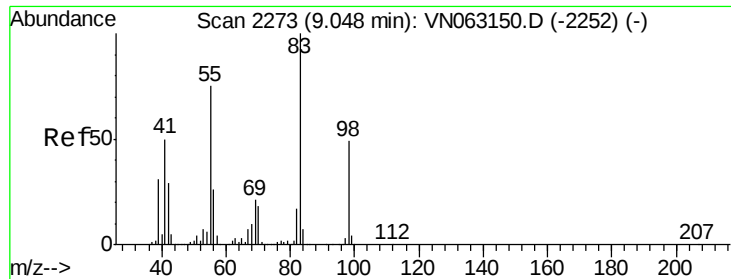
MMDadoda
9/10/2020 4:04:17 PM



#38
Carbon Tetrachloride
Concen: 20.090 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.2	115.8
121	30.5	25.6	38.4





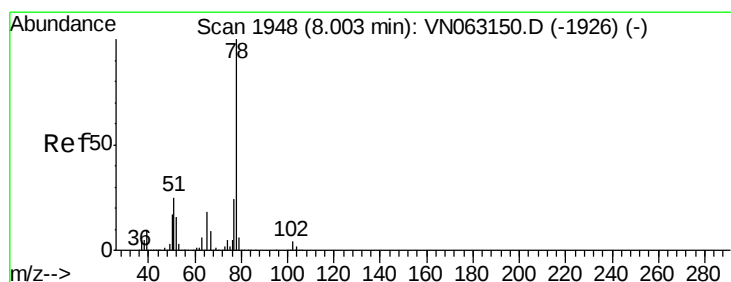
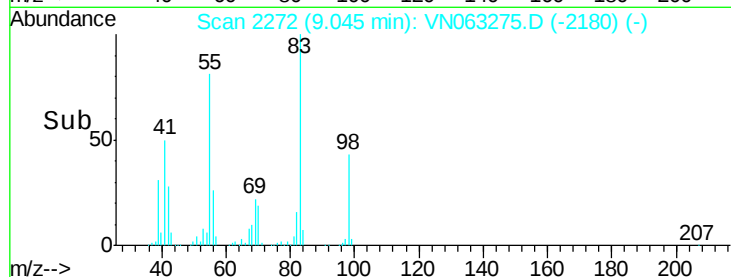
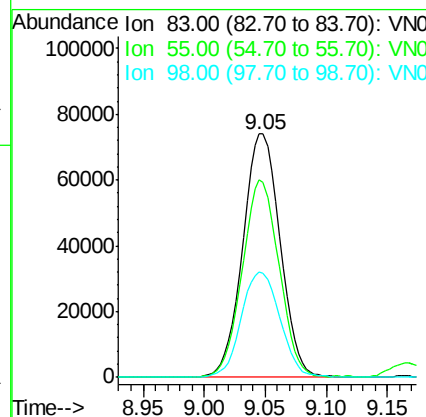
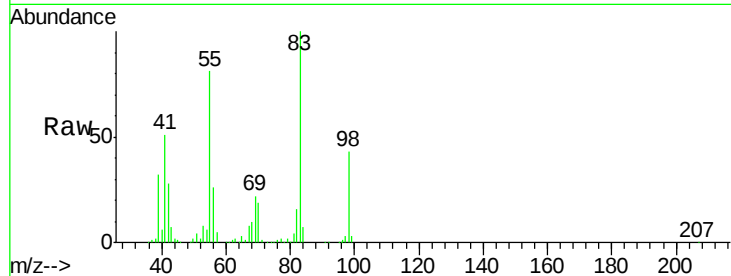
#39
Methvlcvclohexane
Concen: 19.863 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	60.3	90.5
98	43.1	38.9	58.3

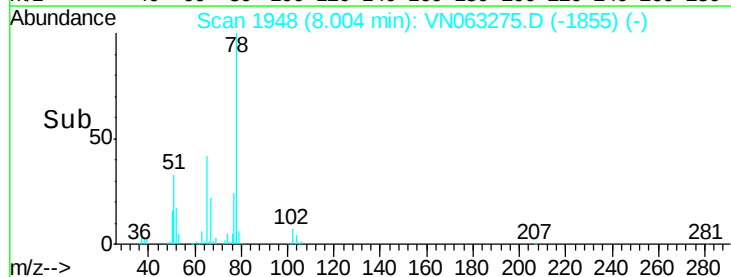
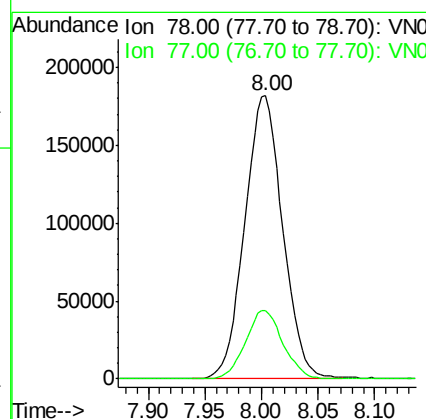
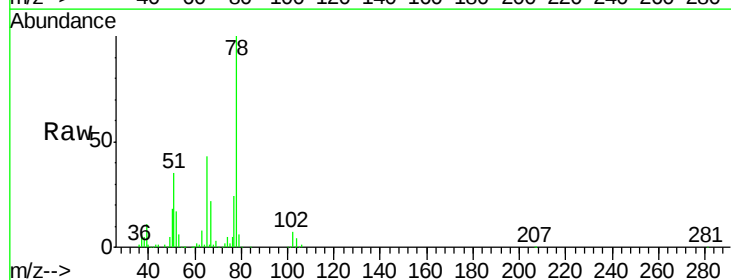
Manual Integrations
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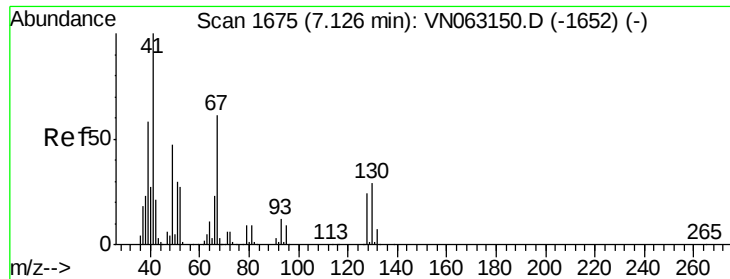
MMDadoda
9/10/2020 4:04:17 PM



#40
Benzene
Concen: 20.580 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





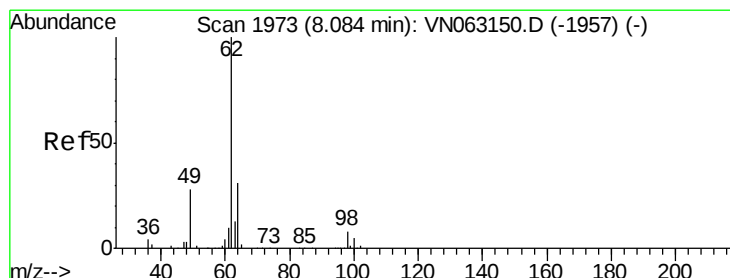
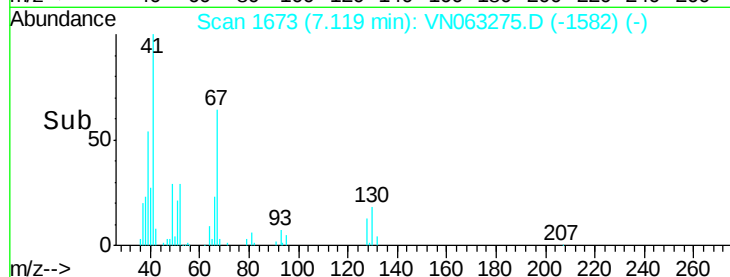
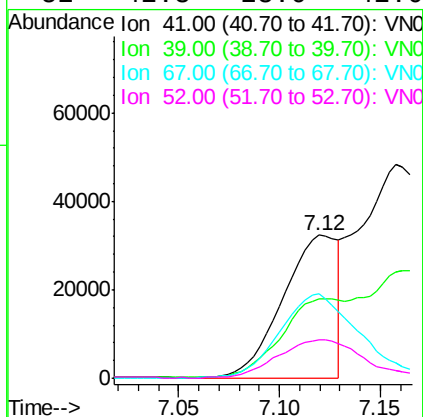
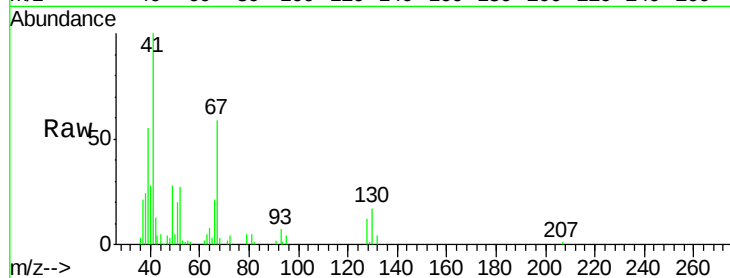
#41
Methacrylonitrile
Concen: 20.691 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.8	46.6	70.0
67	86.7	62.6	94.0
52	42.8	28.0	42.0#

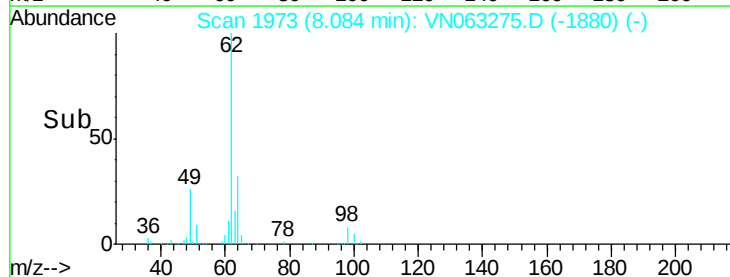
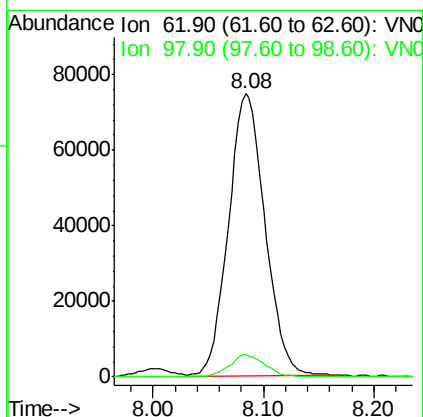
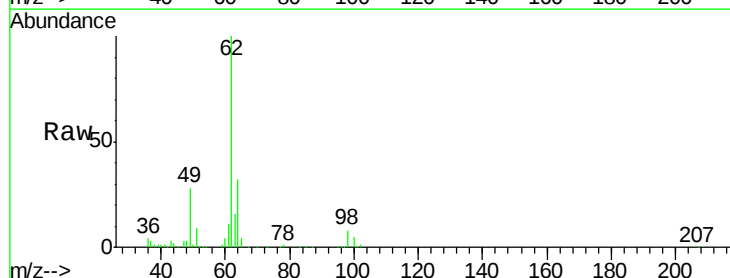
Manual Integrations
APPROVED

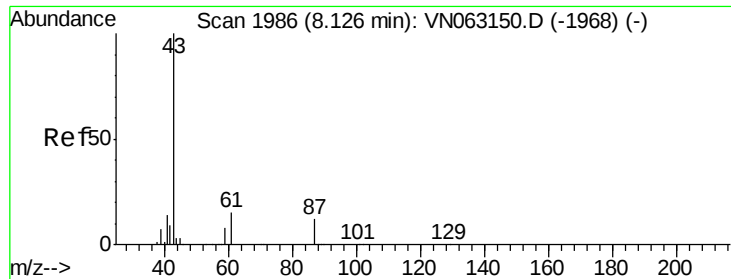
MMDadoda
9/10/2020 4:04:17 PM



#42
1,2-Dichloroethane
Concen: 22.281 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.2





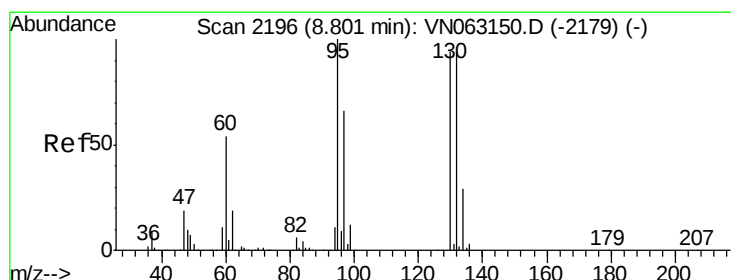
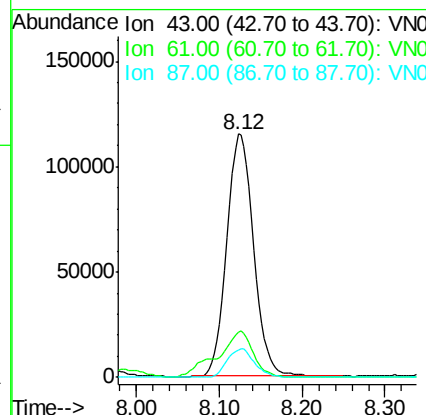
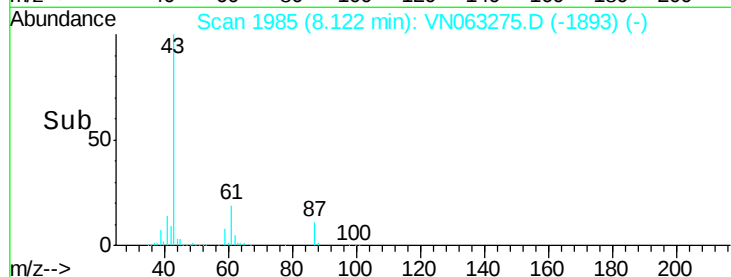
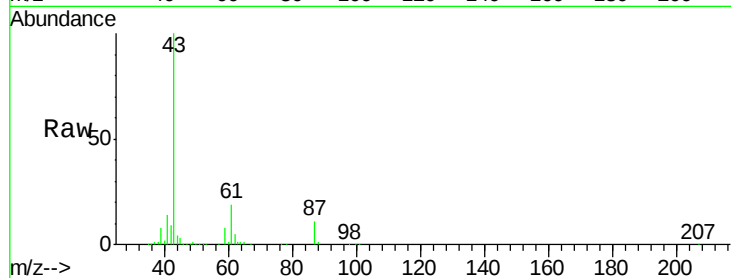
#43
Isopropyl Acetate
Concen: 22.556 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	258288		
61	25.1		20.2	30.4
87	12.0		9.8	14.6

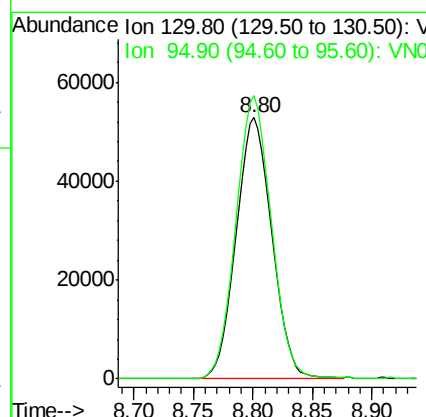
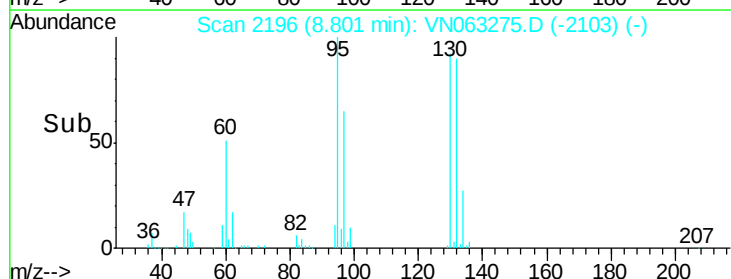
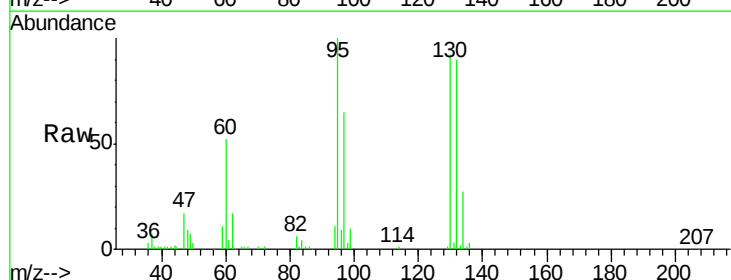
Manual Integrations
APPROVED

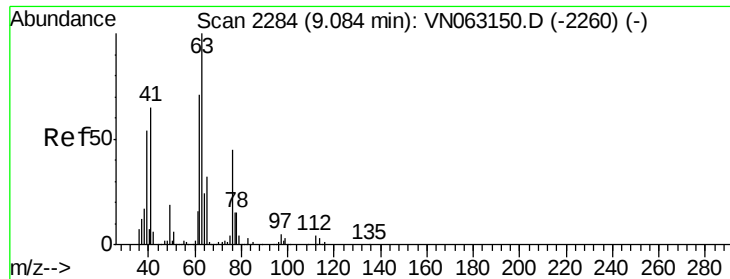
MMDadoda
9/10/2020 4:04:17 PM



#44
Trichloroethene
Concen: 22.009 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	110150		
95	108.2		0.0	212.0





#45

1,2-Dichloropropane

Concen: 22.407 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion: 63 Resp: 122410

Ion Ratio Lower Upper

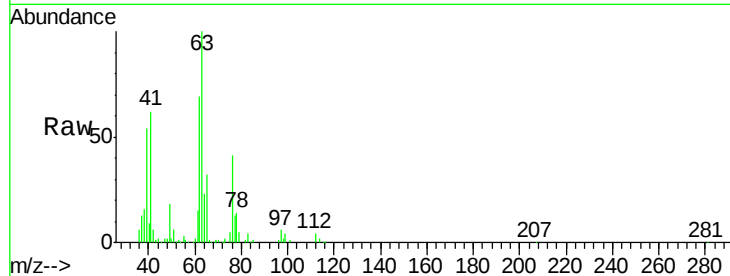
63 100

65 31.6 25.4 38.0

Manual Integrations
APPROVED

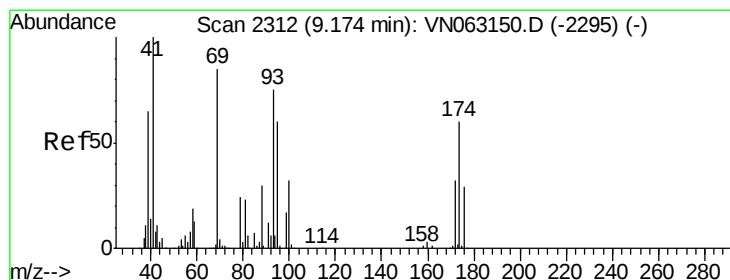
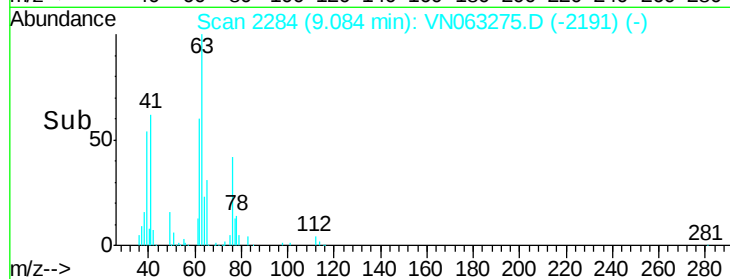
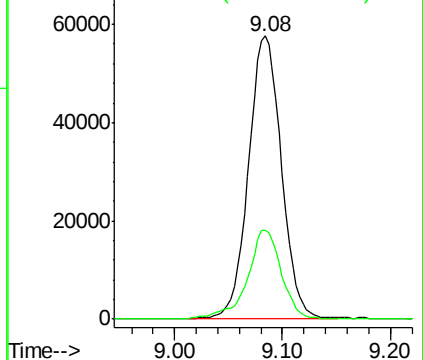
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 21.239 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

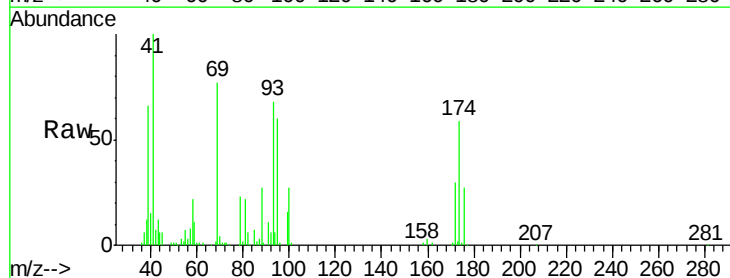
Tgt Ion: 93 Resp: 76893

Ion Ratio Lower Upper

93 100

95 85.1 65.2 97.8

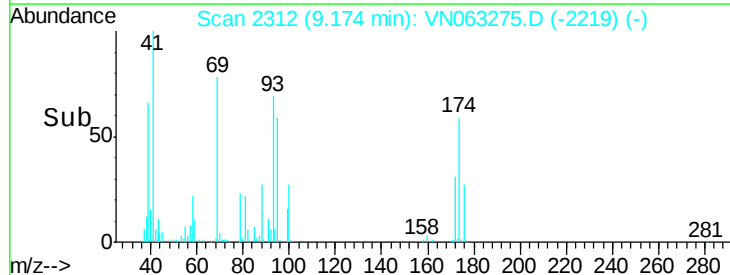
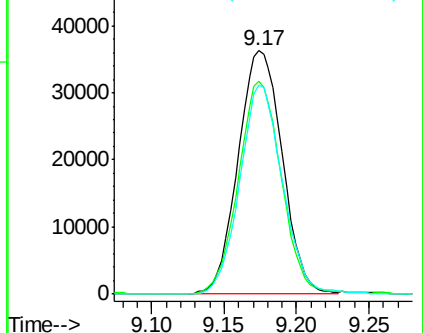
174 83.0 64.6 97.0

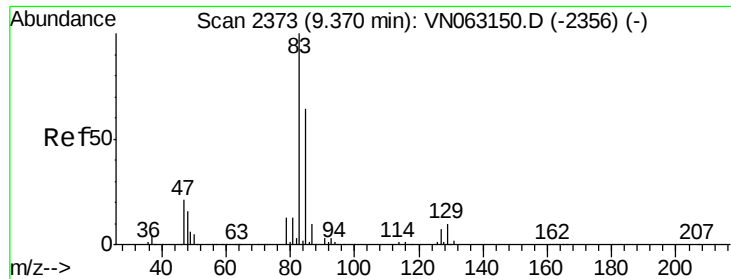


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





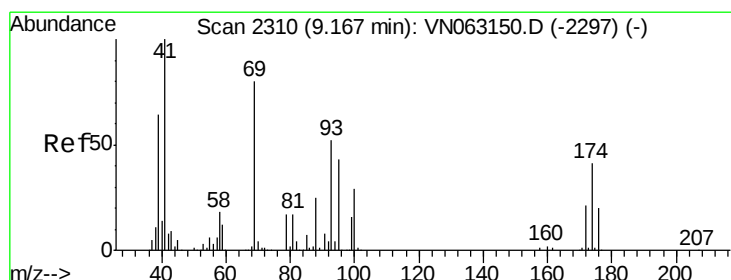
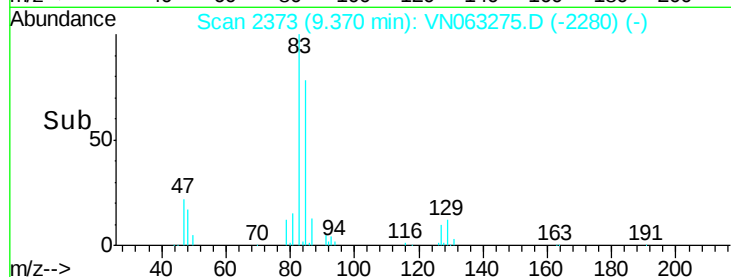
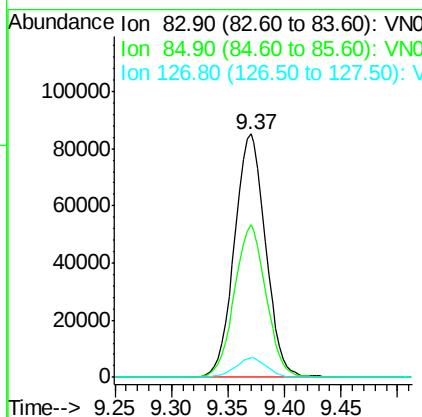
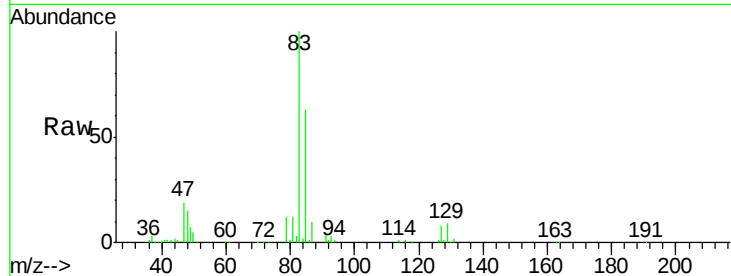
#47
Bromodichloromethane
Concen: 21.059 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	83	Resp	163414
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	51.0	76.6
127	8.2	5.7	8.5

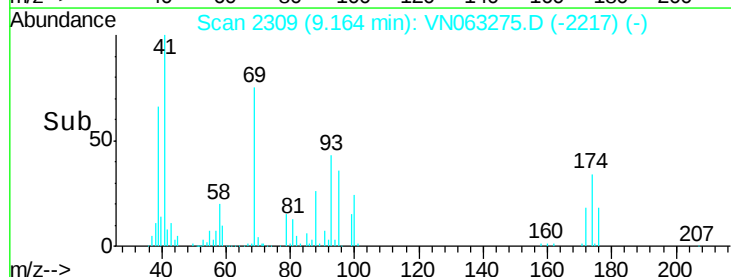
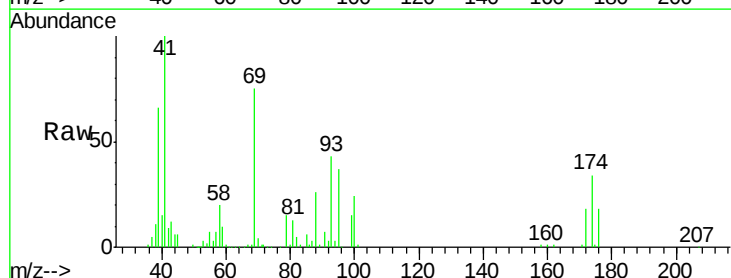
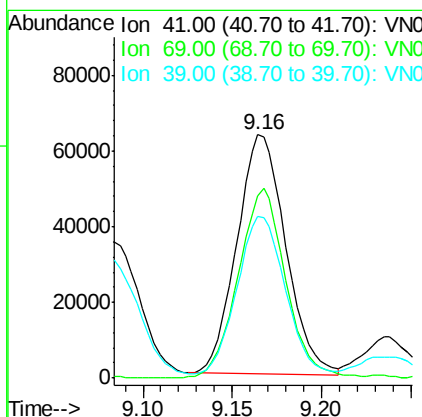
Manual Integrations
APPROVED

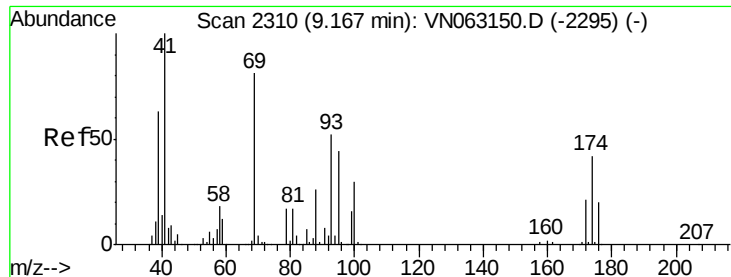
MMDadoda
9/10/2020 4:04:17 PM



#48
Methyl methacrylate
Concen: 23.436 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	41	Resp	120976
Ion Ratio	100	Lower	Upper
41	100		
69	77.2	65.9	98.9
39	67.2	52.0	78.0





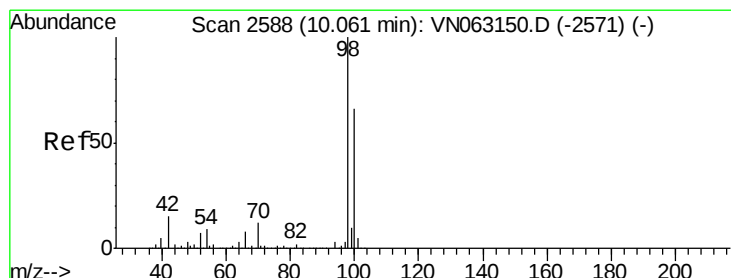
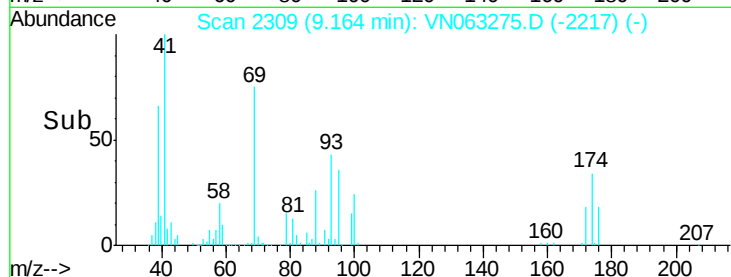
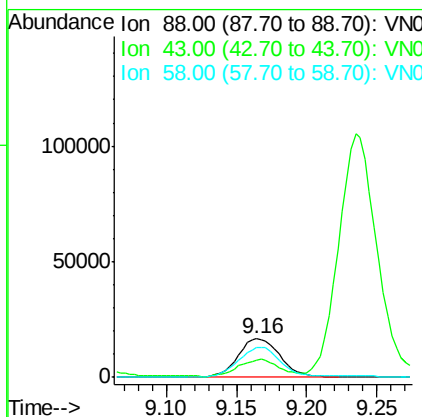
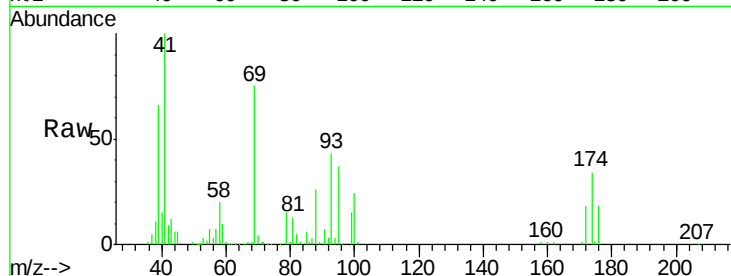
#49
1,4-Dioxane
Concen: 441.084 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampled :
VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	35217		
43	42.2		28.6	42.8
58	78.7		53.2	79.8

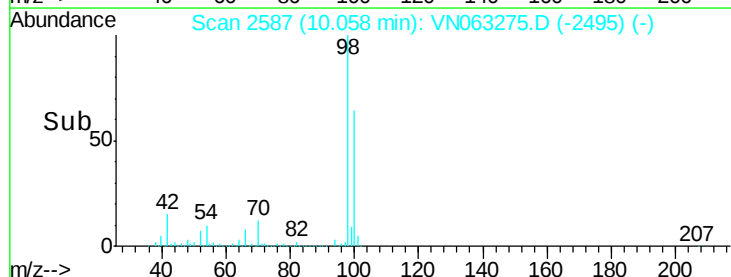
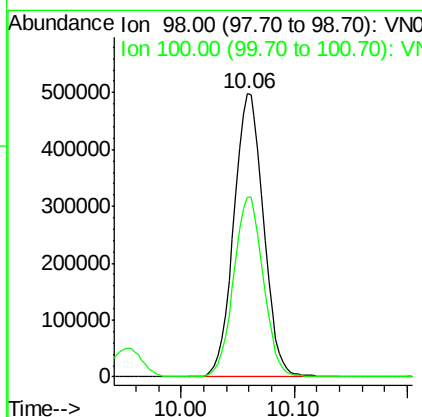
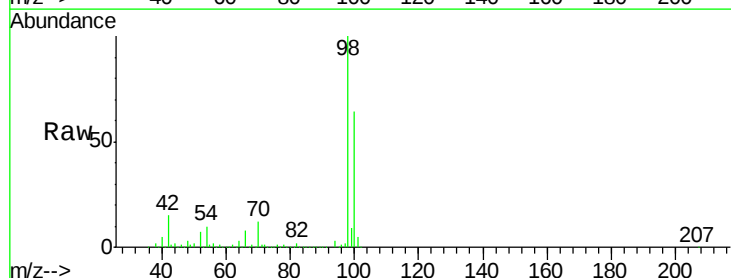
Manual Integrations
APPROVED

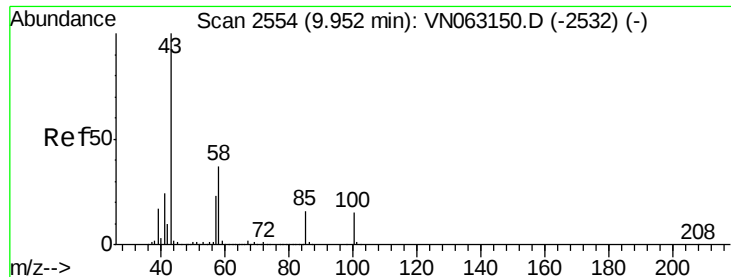
MMDadoda
9/10/2020 4:04:17 PM



#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	911291		
100	63.0		52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 117.977 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion: 43 Resp: 734109

Ion Ratio Lower Upper

43 100

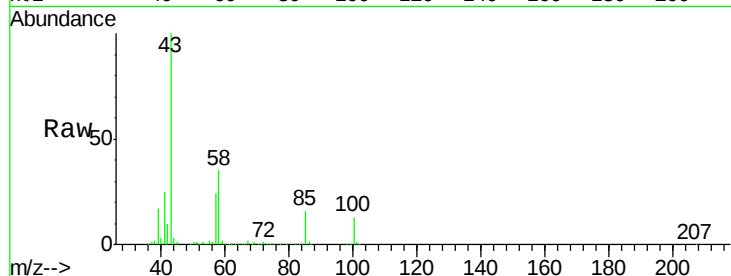
58 35.6 29.2 43.8

Manual Integrations

APPROVED

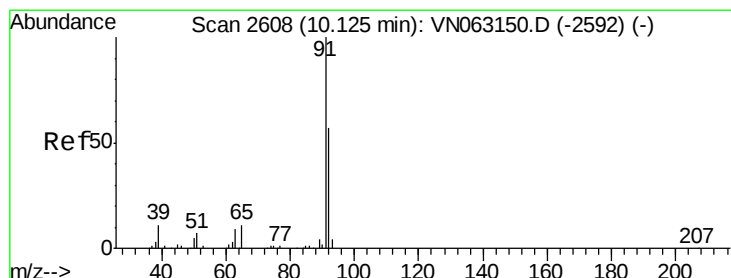
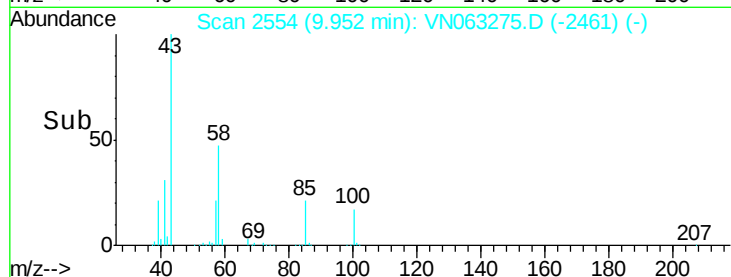
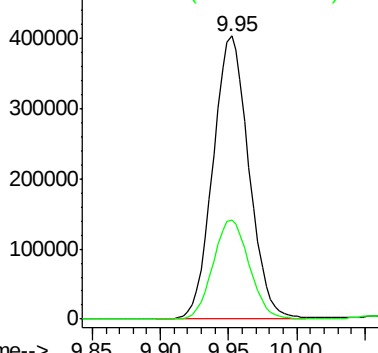
MMDadoda

9/10/2020 4:04:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.359 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063275.D

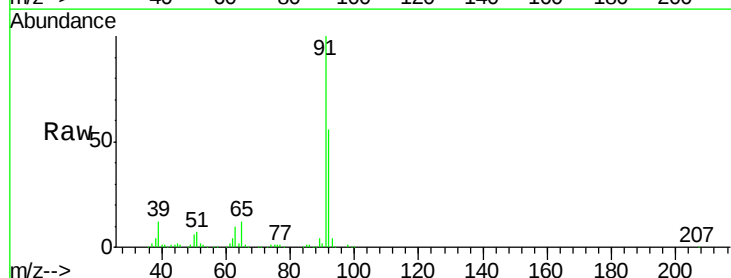
Acq: 9 Sep 2020 12:16

Tgt Ion: 92 Resp: 261679

Ion Ratio Lower Upper

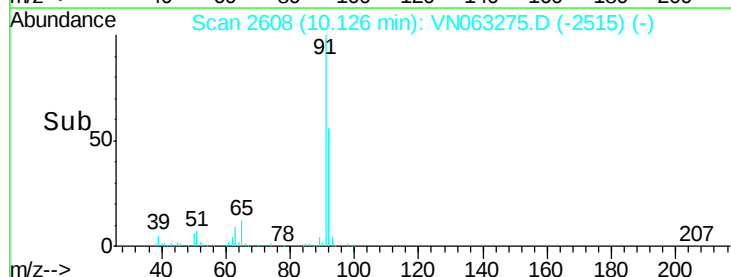
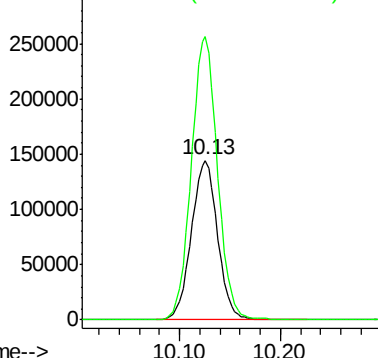
92 100

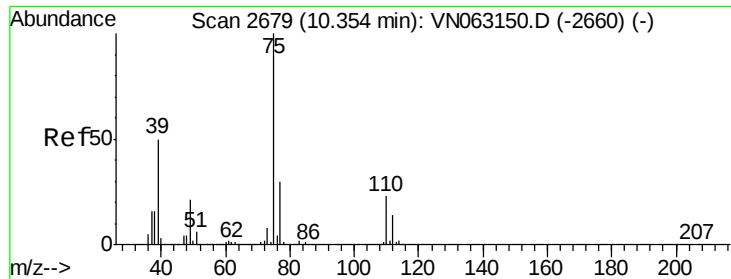
91 177.0 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





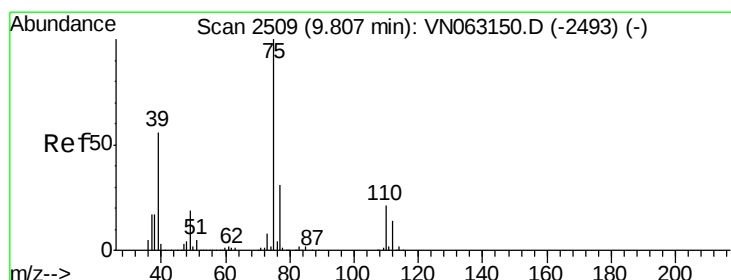
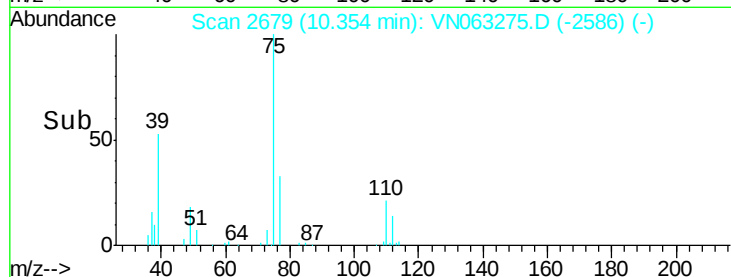
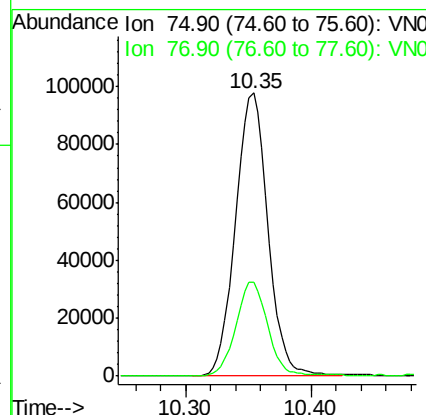
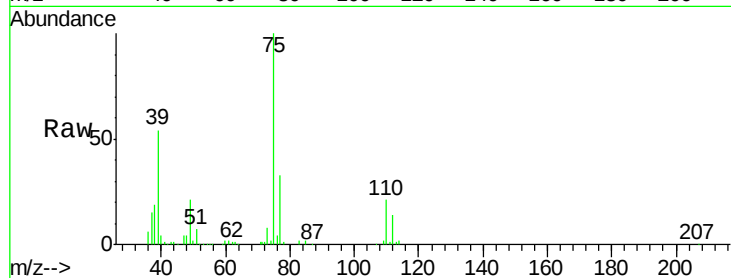
#53
t-1,3-Dichloropropene
Concen: 20.684 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampled :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.2	36.2

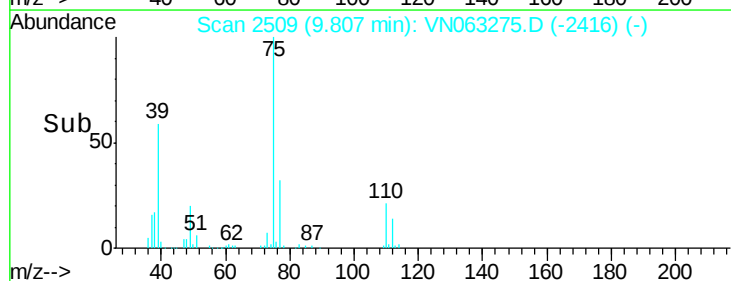
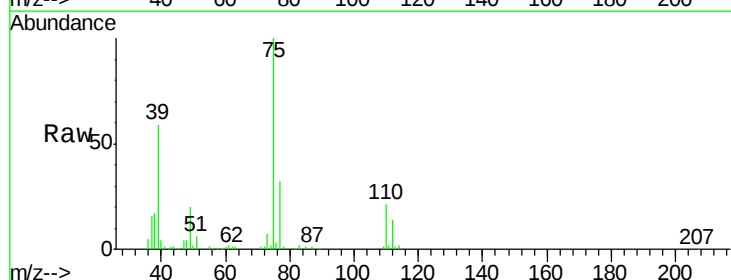
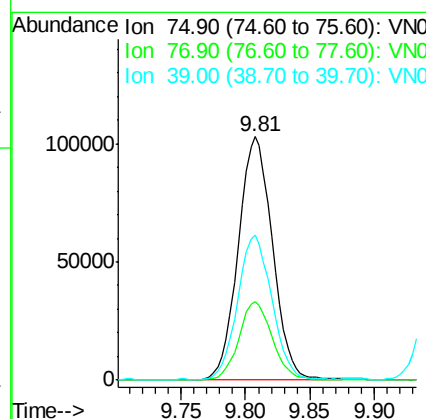
Manual Integrations
APPROVED

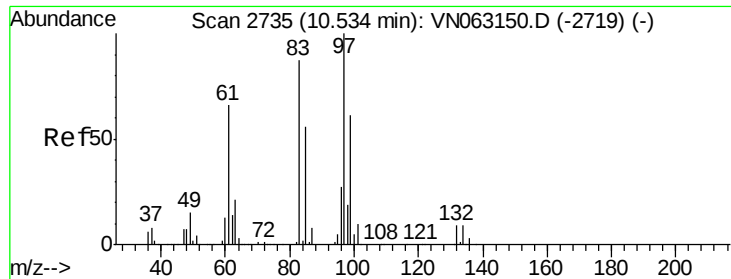
MMDadoda
9/10/2020 4:04:17 PM



#54
cis-1,3-Dichloropropene
Concen: 21.437 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.8	37.2
39	59.2	45.0	67.6





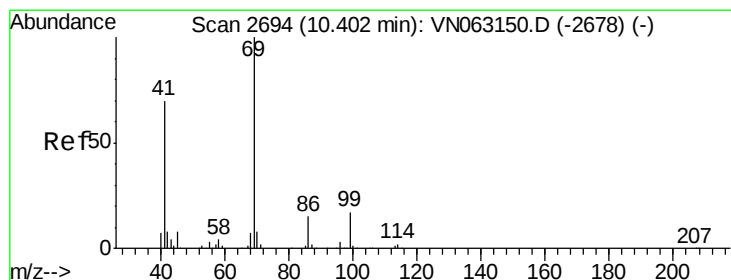
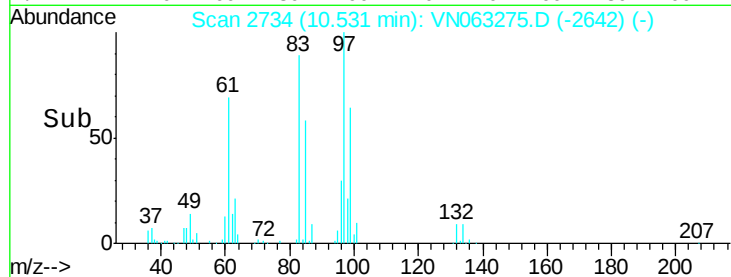
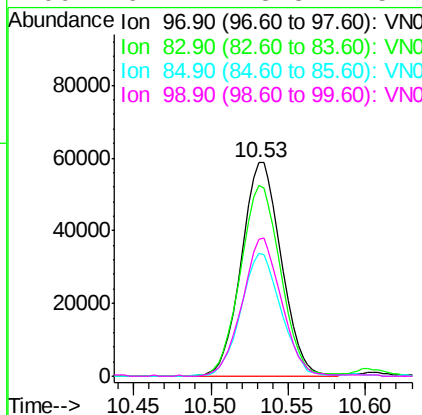
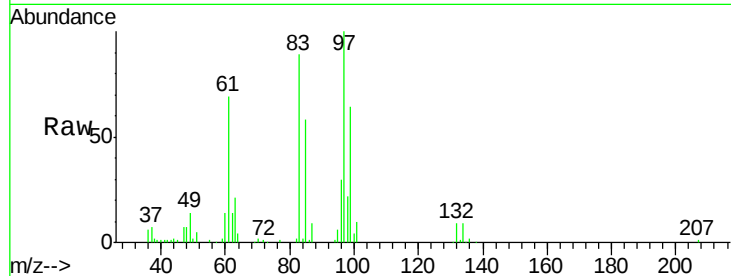
#55
 1,1,2-Trichloroethane
 Concen: 21.479 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion:	97	Resp:	105726
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.8	104.8
85	57.4	44.9	67.3
99	64.4	48.8	73.2

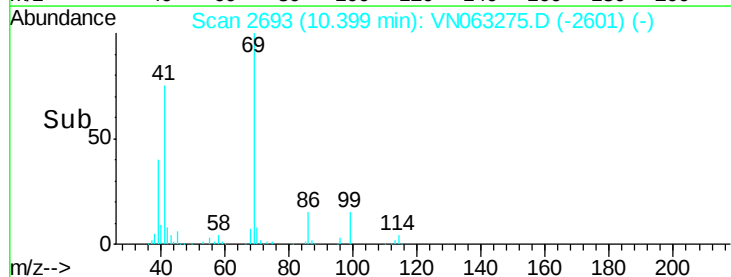
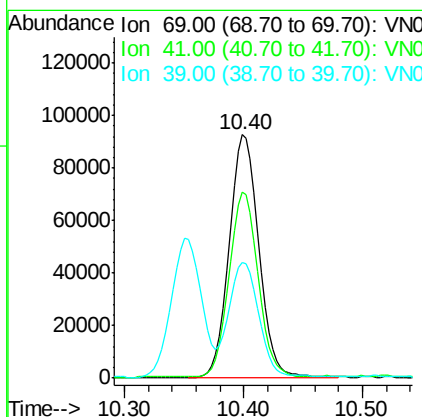
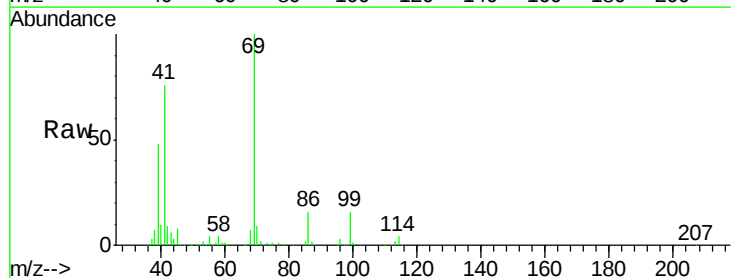
Manual Integrations
 APPROVED

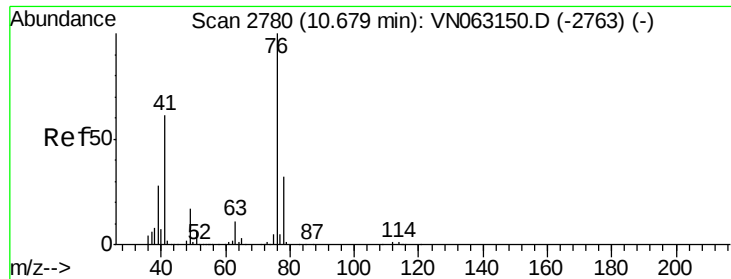
MMDadoda
 9/10/2020 4:04:17 PM



#56
 Ethyl methacrylate
 Concen: 21.447 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion:	69	Resp:	160665
Ion	Ratio	Lower	Upper
69	100		
41	73.8	55.5	83.3
39	47.7	38.2	57.2





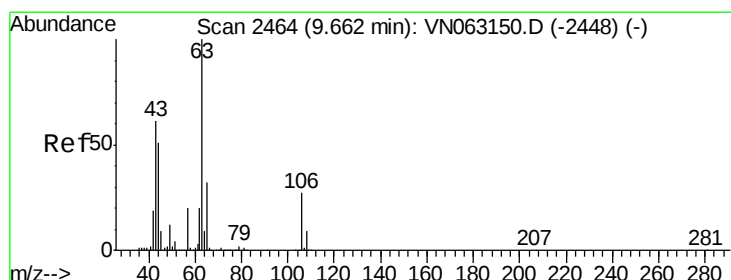
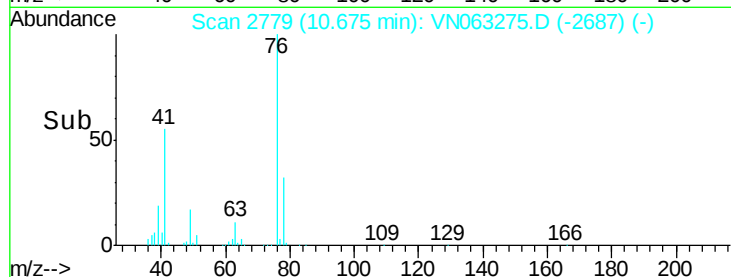
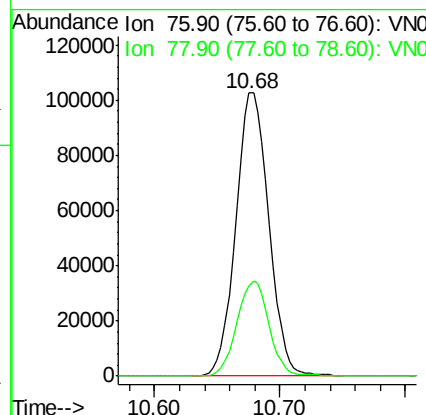
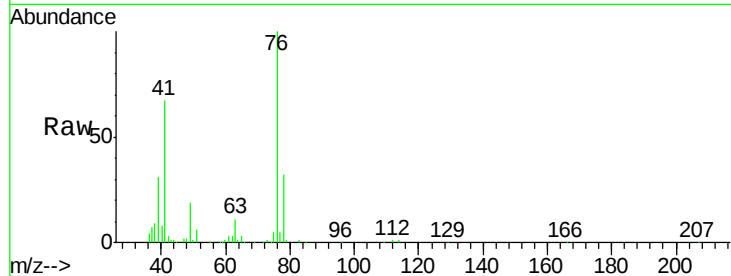
#57
 1,3-Dichloropropane
 Concen: 21.367 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion: 76 Resp: 187371
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.5 38.3

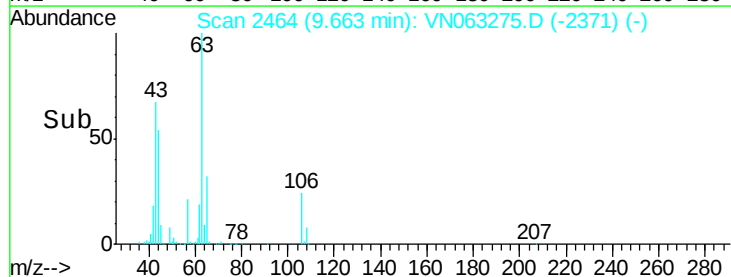
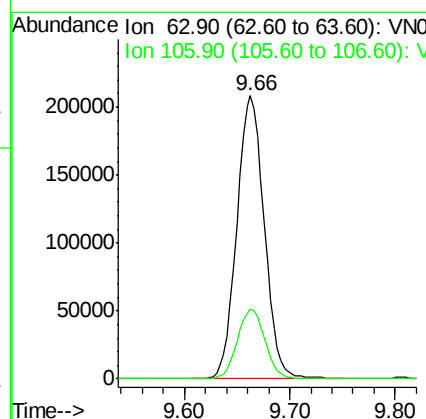
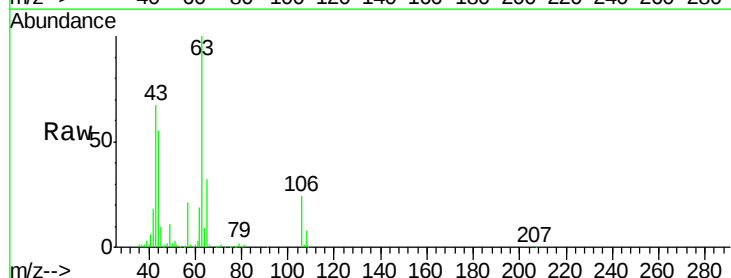
Manual Integrations
 APPROVED

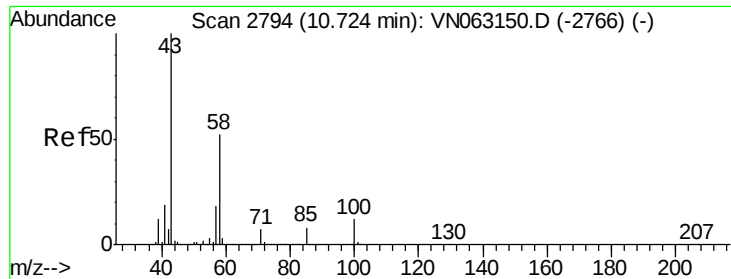
MMDadoda
 9/10/2020 4:04:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.727 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 63 Resp: 375223
 Ion Ratio Lower Upper
 63 100
 106 24.9 21.8 32.6





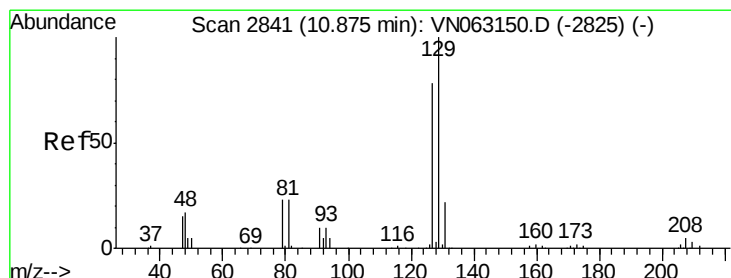
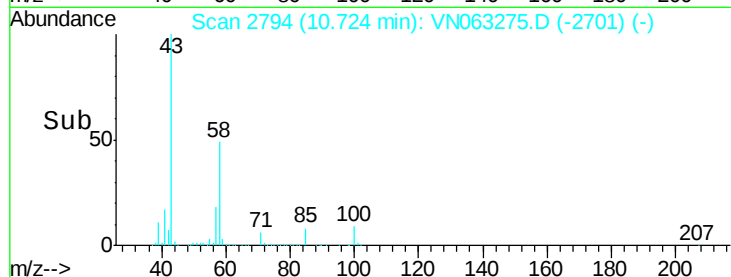
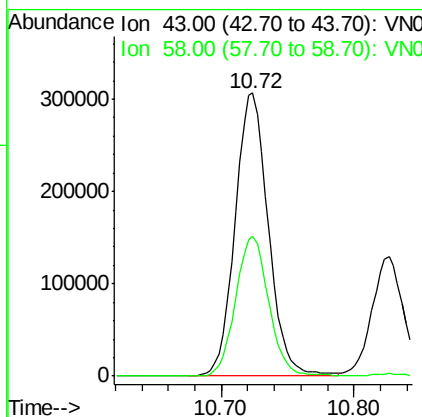
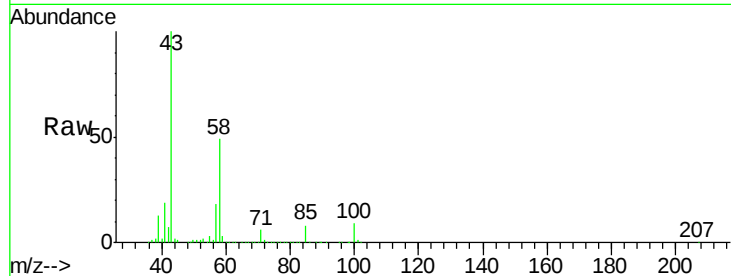
#59
2-Hexanone
Concen: 121.285 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion: 43 Resp: 530387
Ion Ratio Lower Upper
43 100
58 49.6 25.9 77.8

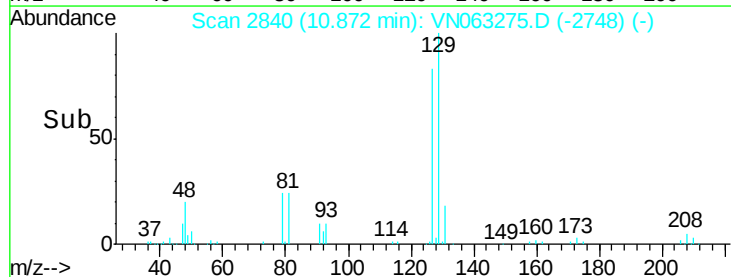
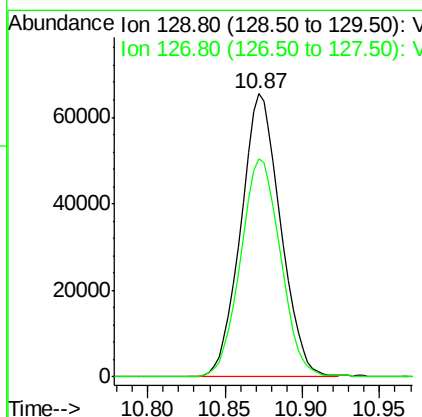
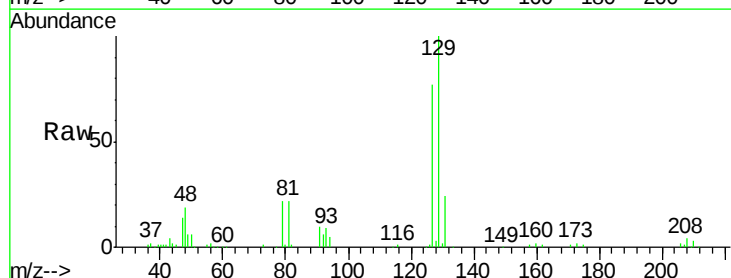
Manual Integrations
APPROVED

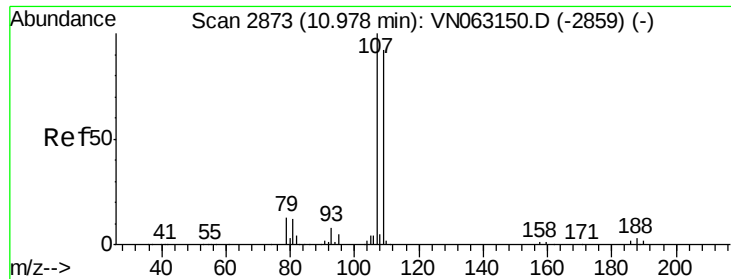
MMDadoda
9/10/2020 4:04:17 PM



#60
Dibromochloromethane
Concen: 21.500 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 129 Resp: 117002
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





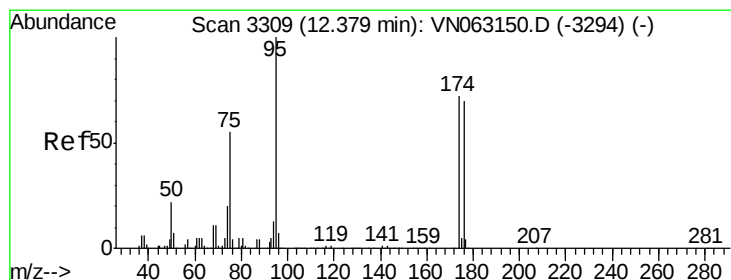
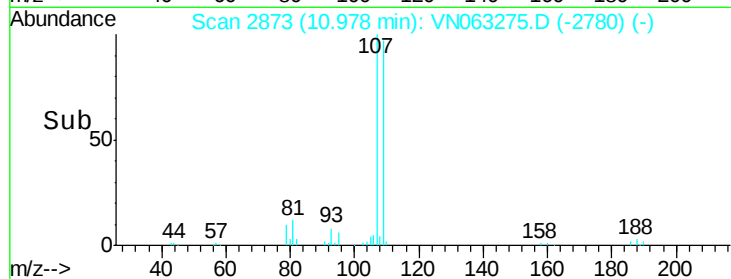
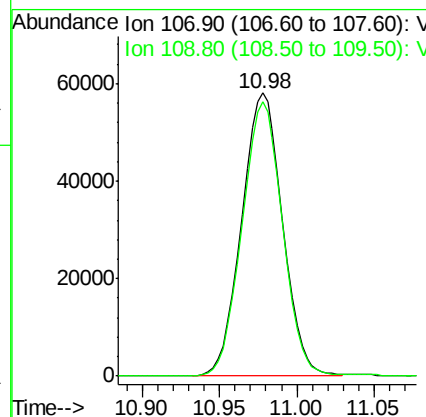
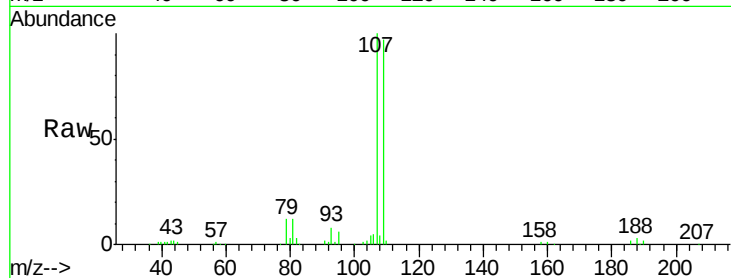
#61
 1,2-Dibromoethane
 Concen: 20.842 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	73.4	110.0

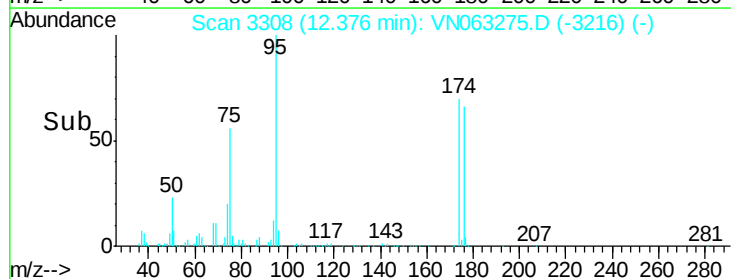
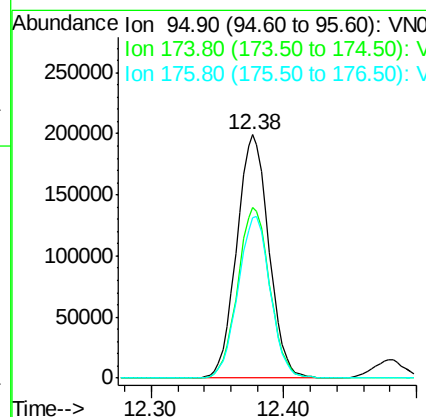
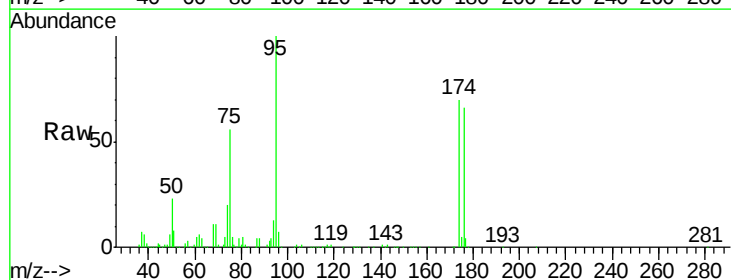
Manual Integrations
 APPROVED

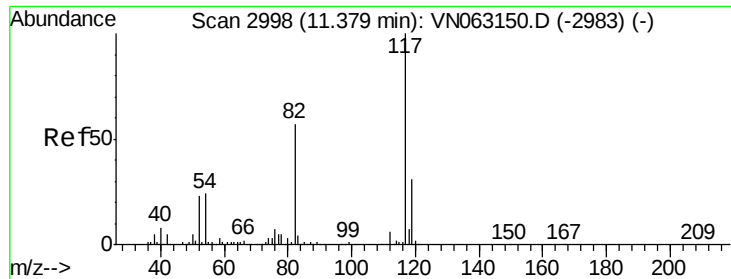
MMDadoda
 9/10/2020 4:04:17 PM



#62
 4-Bromofluorobenzene
 Concen: 53.072 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	143.8
176	67.0	0.0	138.4





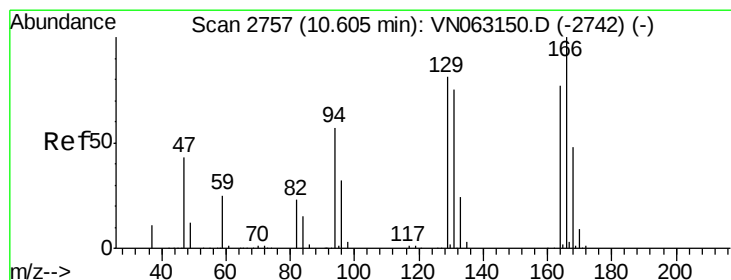
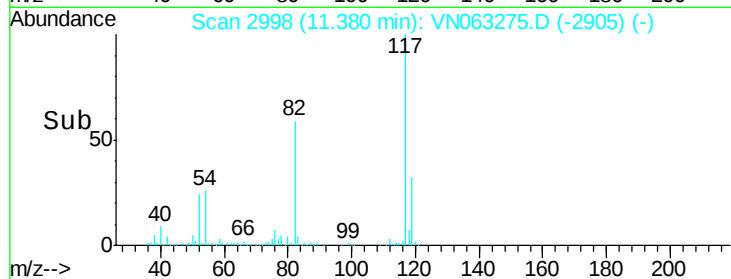
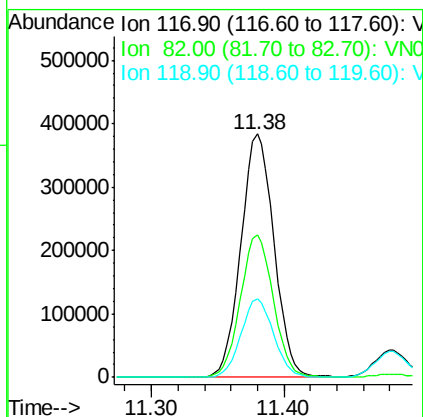
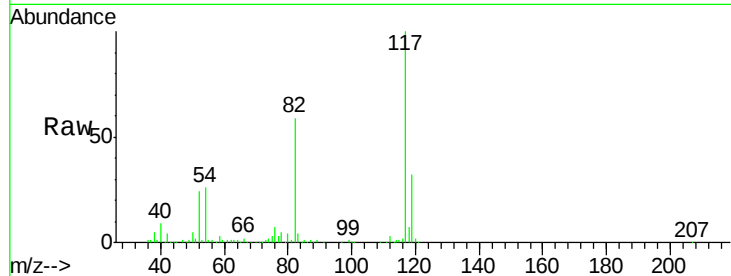
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.4	68.0
119	32.0	24.6	37.0

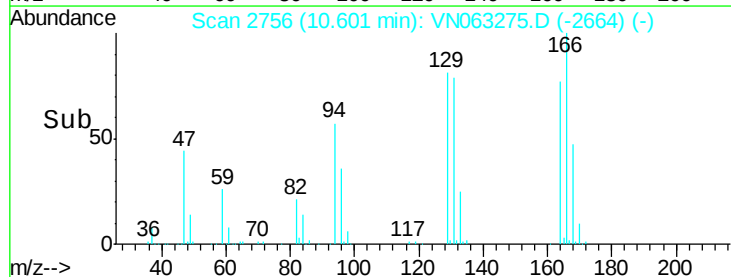
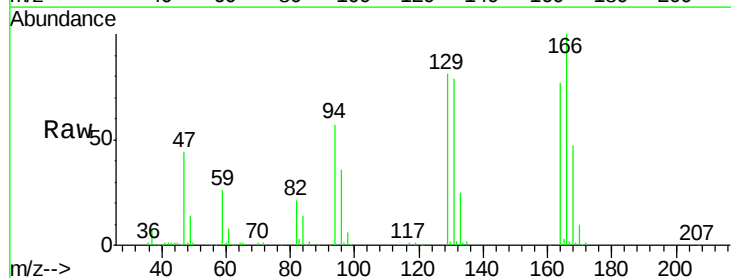
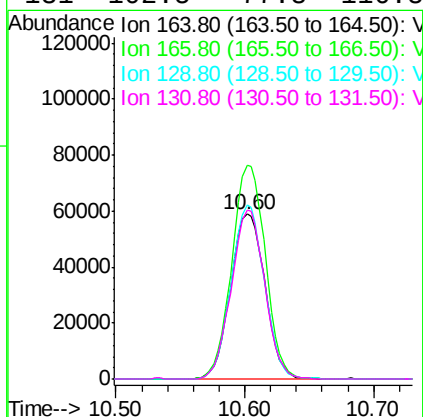
Manual Integrations
APPROVED

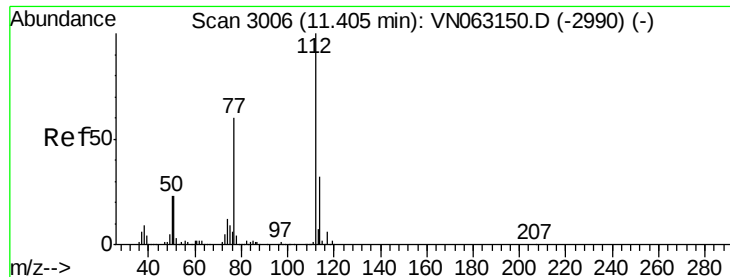
MMDadoda
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#64
Tetrachloroethene
Concen: 22.831 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	103.4	155.2
129	105.5	83.4	125.0
131	102.5	77.8	116.8





#65

Chlorobenzene

Concen: 20.694 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion:112 Resp: 277765

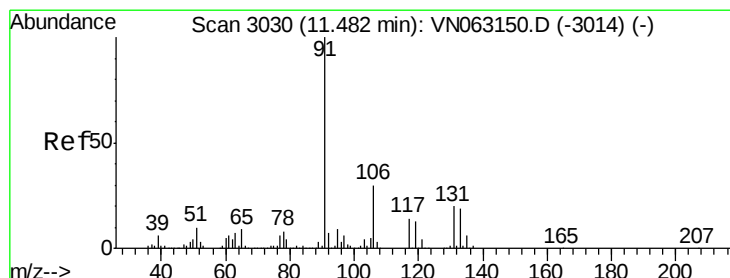
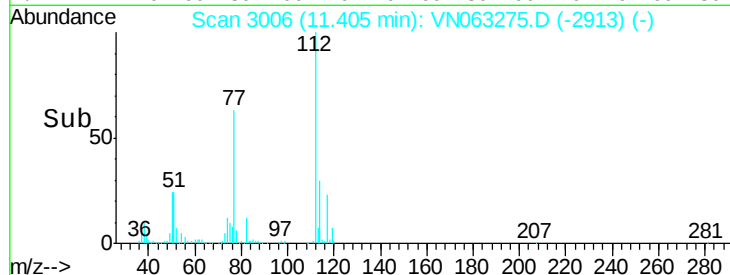
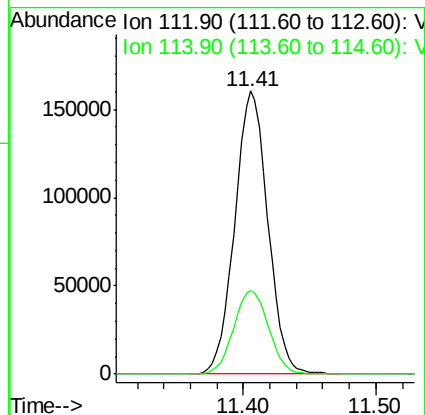
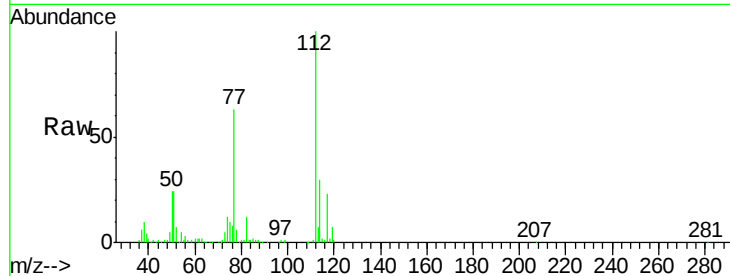
Ion Ratio Lower Upper

112 100

114 29.8 25.2 37.8

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.092 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

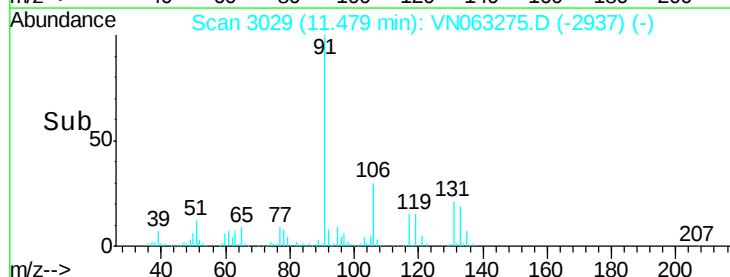
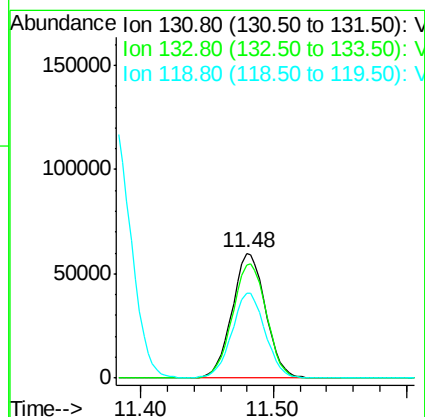
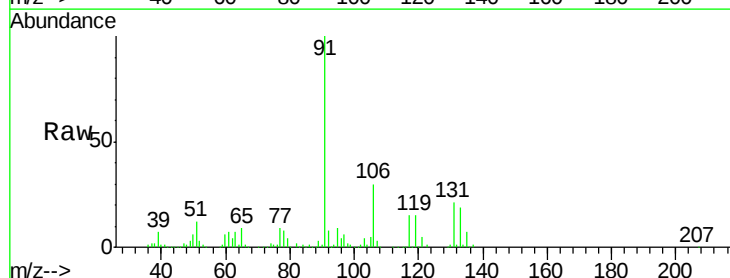
Tgt Ion:131 Resp: 105111

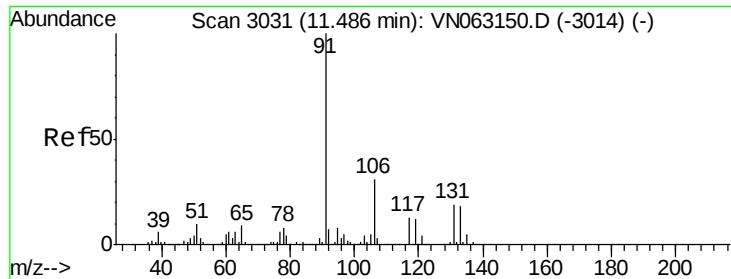
Ion Ratio Lower Upper

131 100

133 93.0 47.3 142.0

119 68.0 32.4 97.0





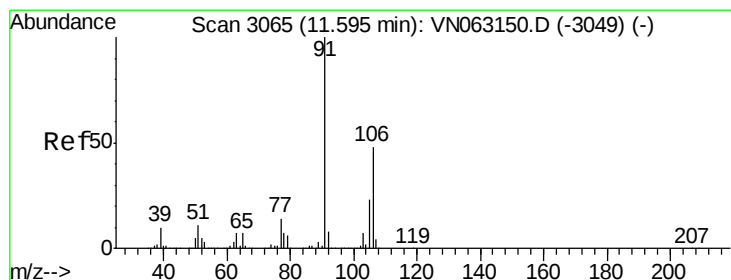
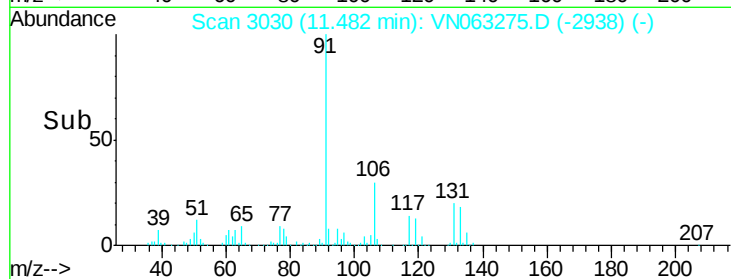
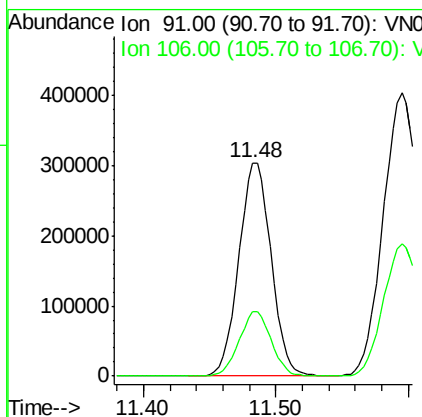
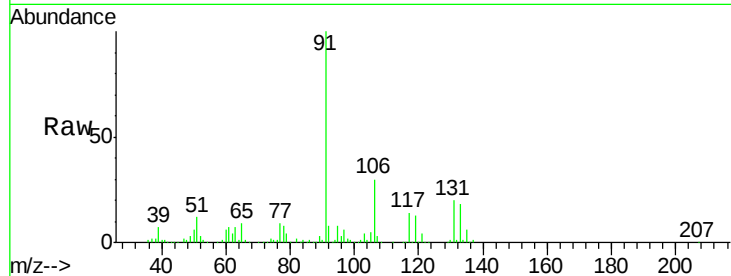
#67
Ethyl Benzene
Concen: 21.077 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.4	36.6

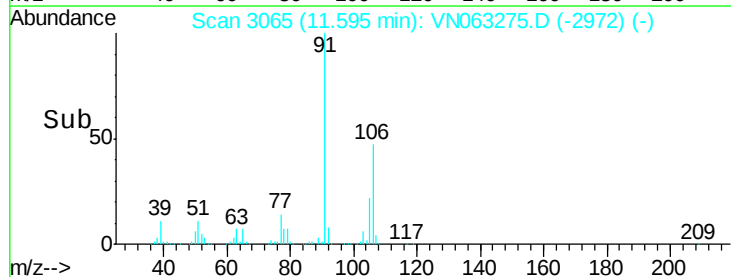
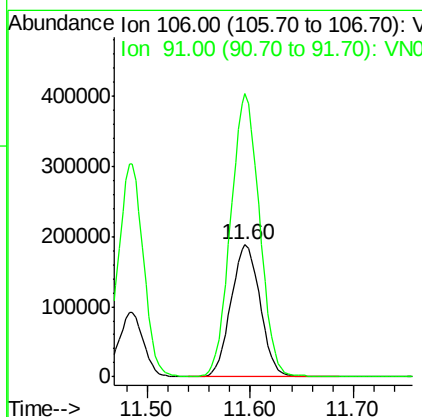
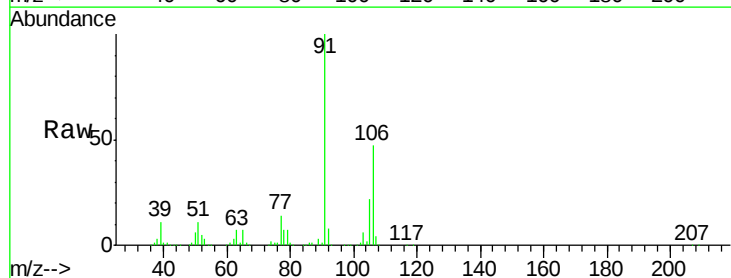
Manual Integrations
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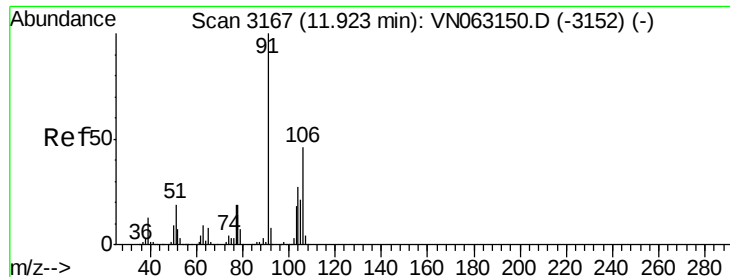
MMDadoda
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#68
m/p-Xylenes
Concen: 40.830 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.0	166.7	250.1





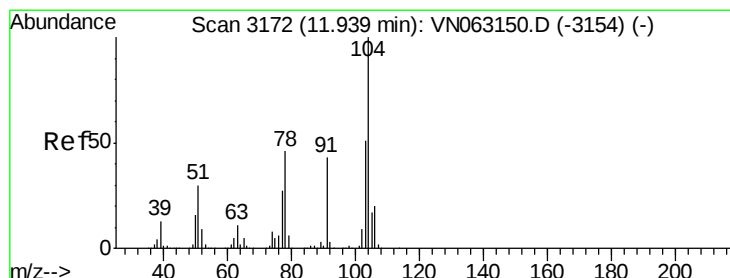
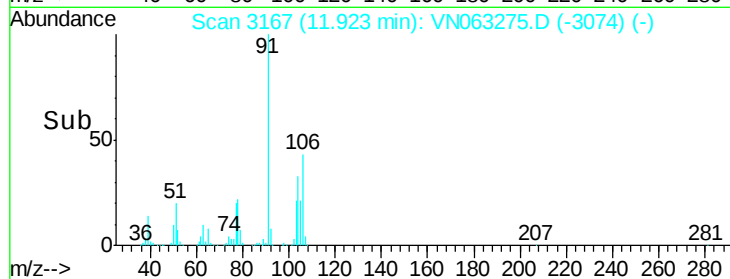
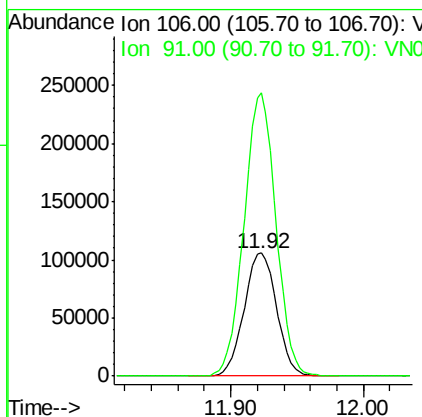
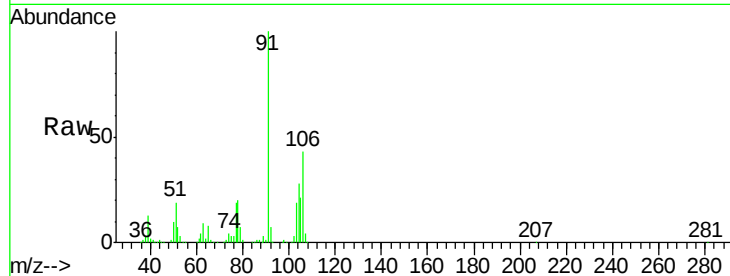
#69
o-Xylene
Concen: 20.597 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	224.7	108.6	325.6	

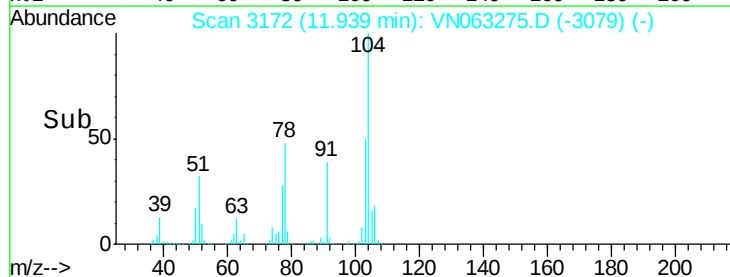
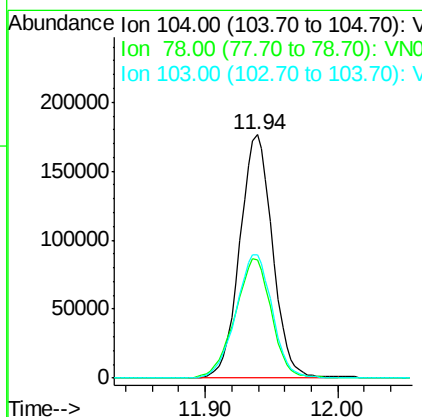
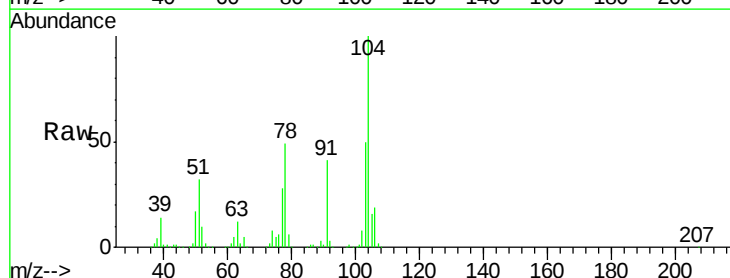
Manual Integrations
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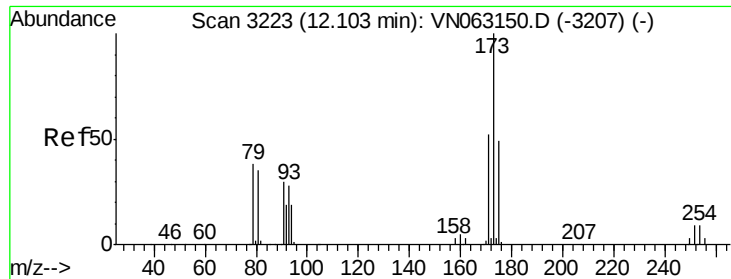
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#70
Styrene
Concen: 20.128 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	54.4	41.0	61.6	
103	56.3	43.8	65.8	





#71

Bromoform

Concen: 20.768 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

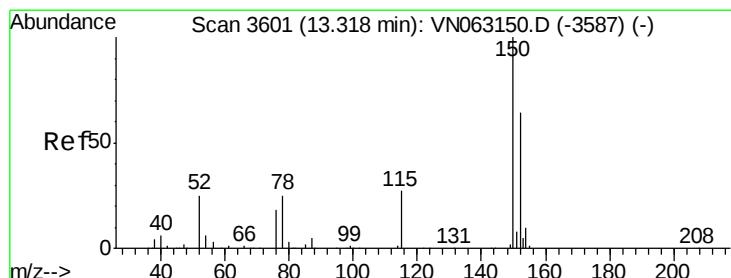
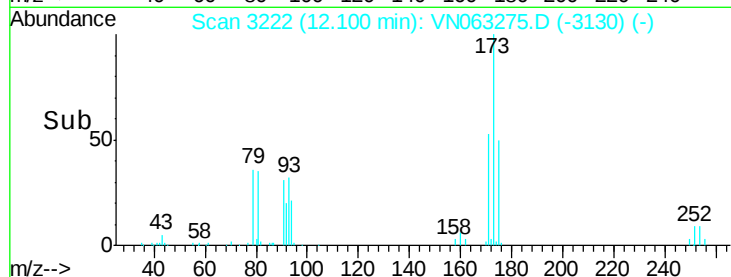
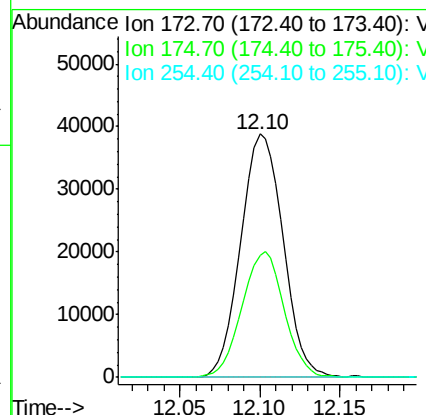
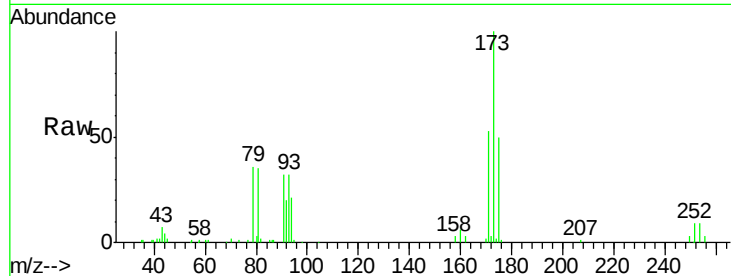
ClientSampleId :

VN0909MBS01

Tot Ion:173	Resp:	70237
Ion Ratio	Lower	Upper
173 100		
175 51.3	24.6	73.8
254 0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

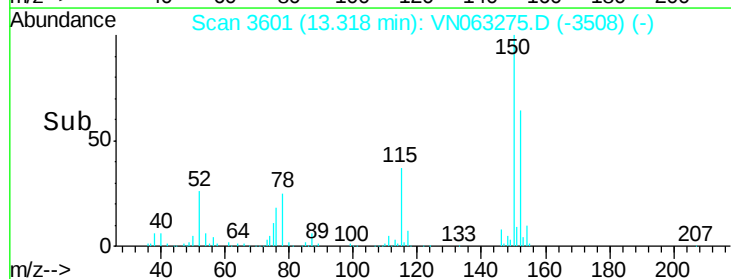
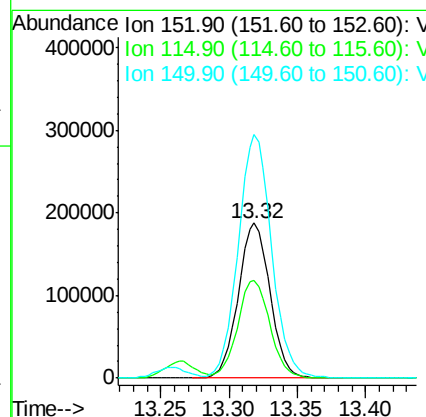
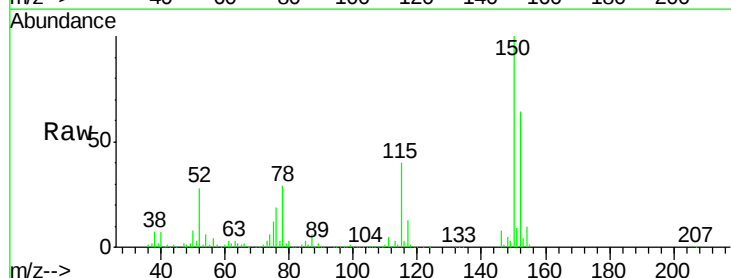
RT: 13.32 min Scan# 3601

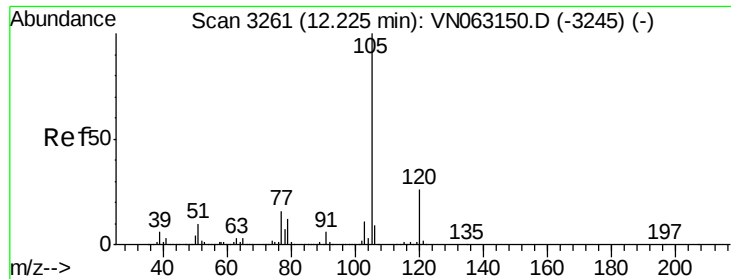
Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion:152	Resp:	304208
Ion Ratio	Lower	Upper
152 100		
115 63.2	32.0	96.2
150 163.8	0.0	353.0





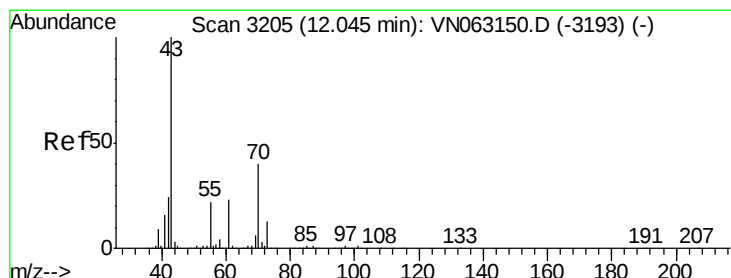
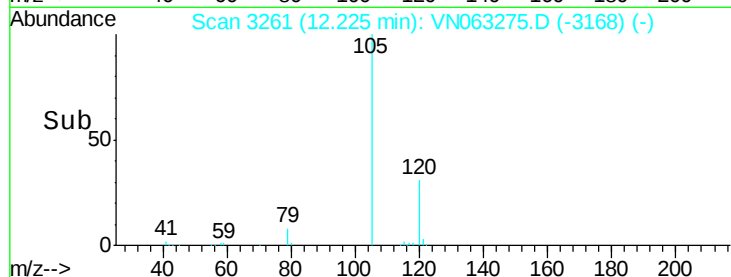
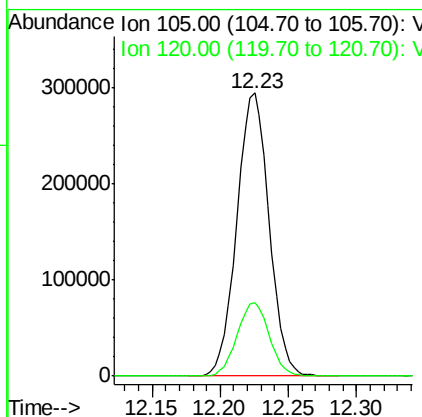
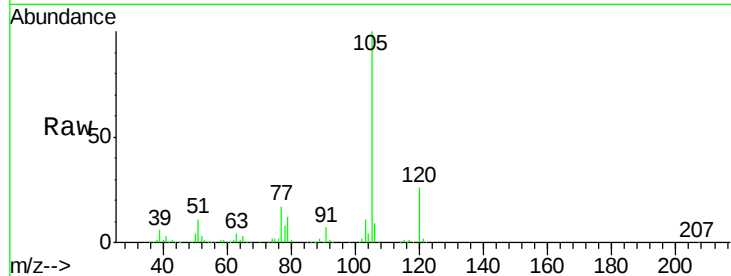
#73
Isopropylbenzene
Concen: 20.701 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	482995		
120	25.9	12.9	38.6	

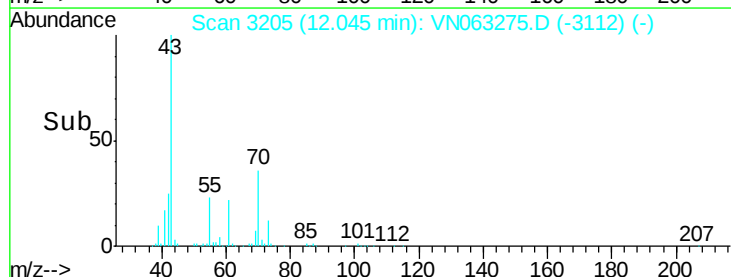
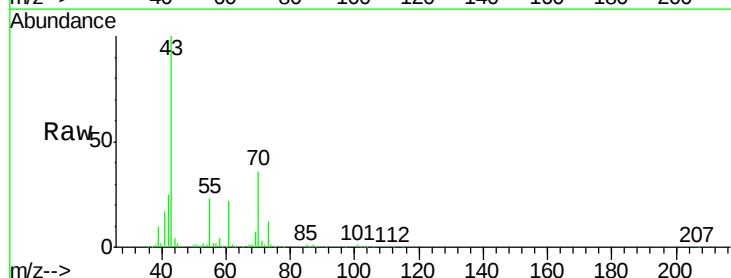
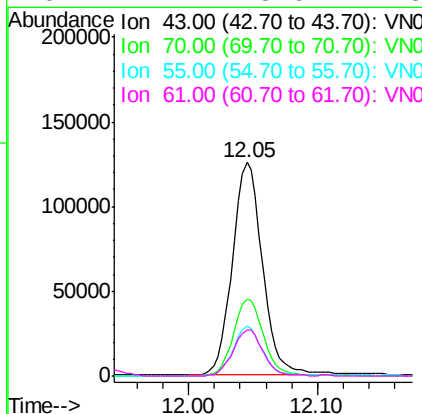
Manual Integrations
APPROVED

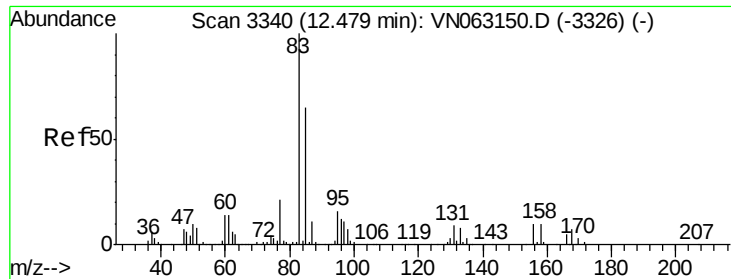
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#74
N-ethyl acetate
Concen: 21.222 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	205103		
70	36.3	32.1	48.1	
55	22.8	17.4	26.0	
61	21.7	18.6	27.8	





#75

1,1,2,2-Tetrachloroethane

Concen: 20.927 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion: 83 Resp: 140770

Ion Ratio Lower Upper

83 100

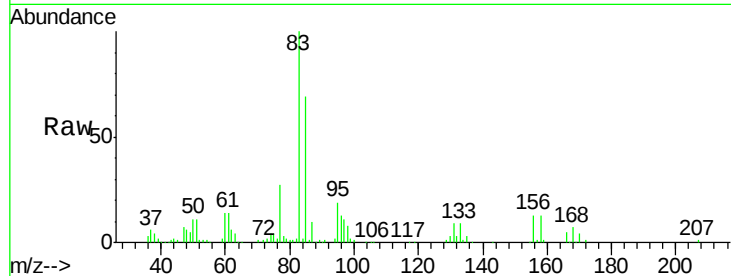
131 9.6 4.7 14.0

85 66.4 32.7 98.1

Manual Integrations
APPROVED

MMDadoda

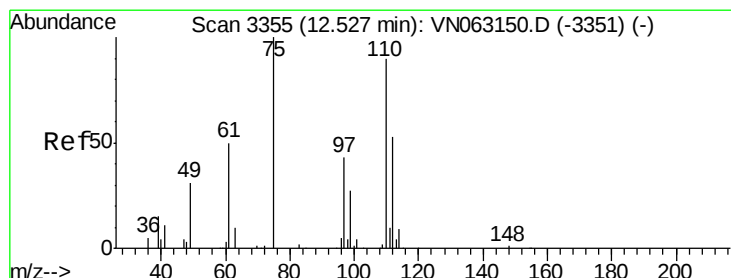
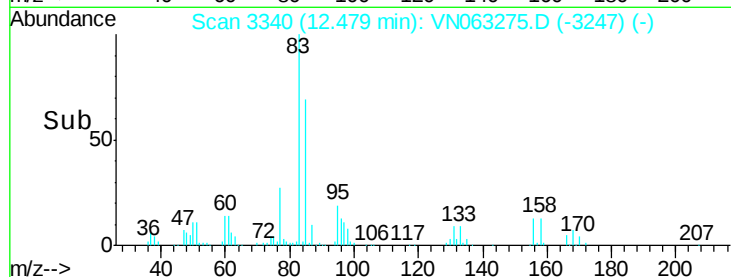
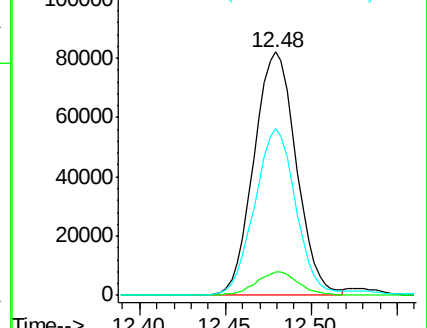
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Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 23.159 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063275.D

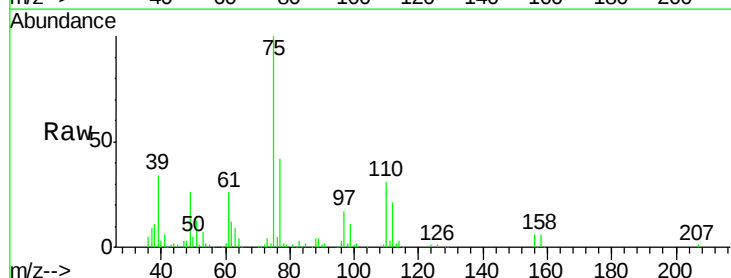
Acq: 9 Sep 2020 12:16

Tgt Ion: 75 Resp: 138425

Ion Ratio Lower Upper

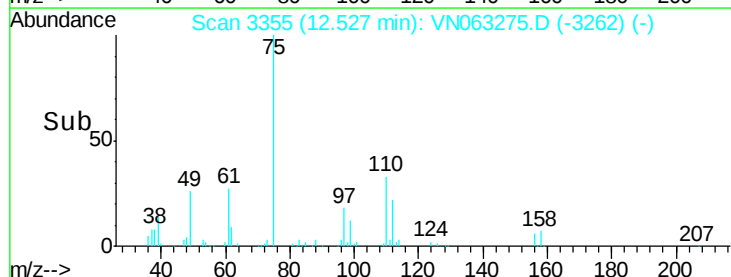
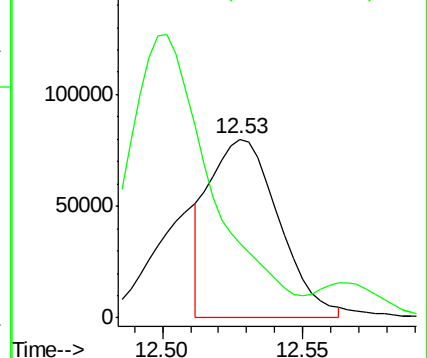
75 100

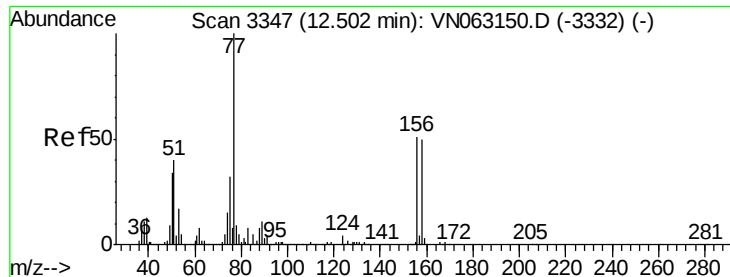
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.857 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion:156 Resp: 110058

Ion Ratio Lower Upper

156 100

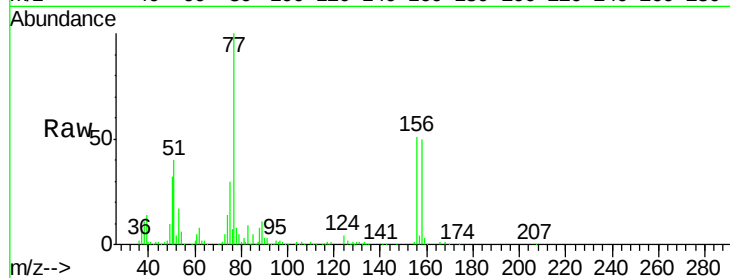
77 239.5 116.1 348.3

158 99.2 48.8 146.4

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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

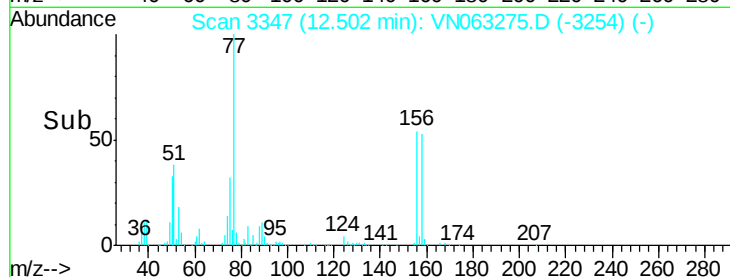
150000

100000

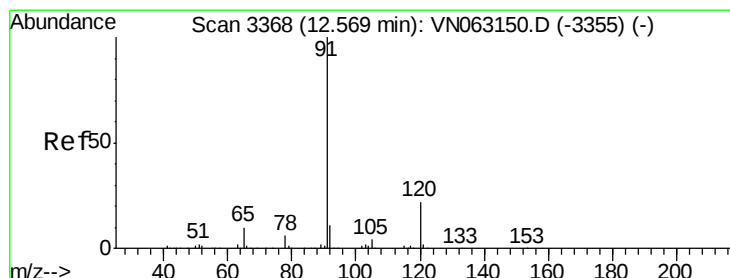
50000

0

12.45 12.50 12.55



Time-->



#78

n-propylbenzene

Concen: 20.938 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063275.D

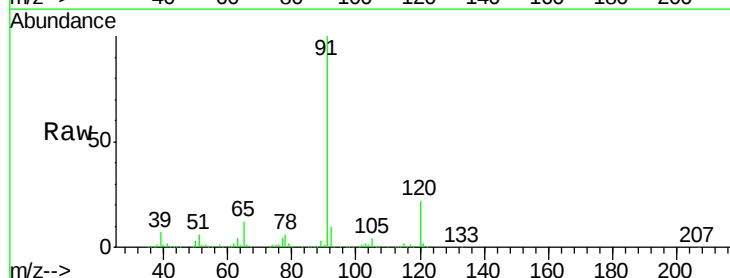
Acq: 9 Sep 2020 12:16

Tgt Ion: 91 Resp: 565304

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

400000

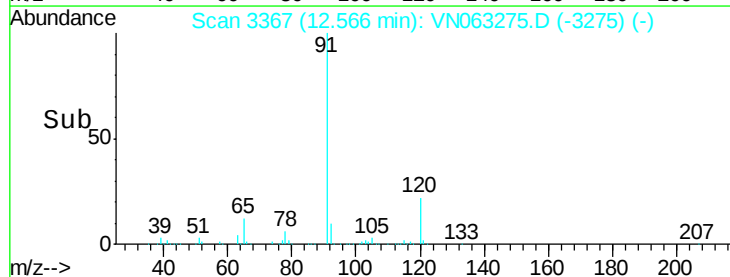
300000

200000

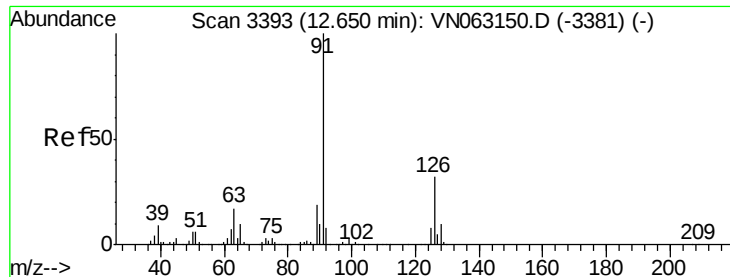
100000

0

12.50 12.55 12.60



Time-->



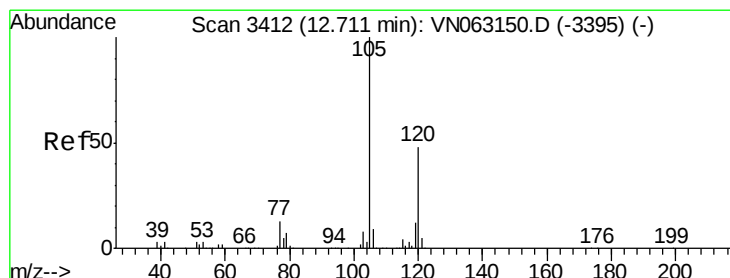
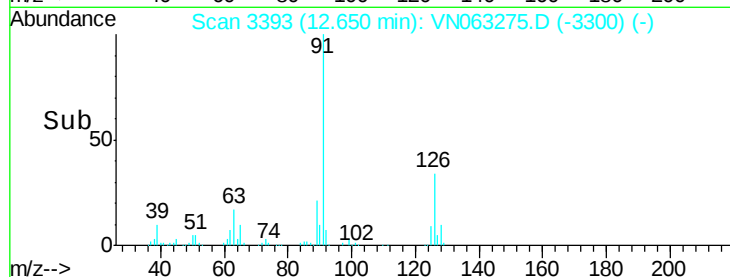
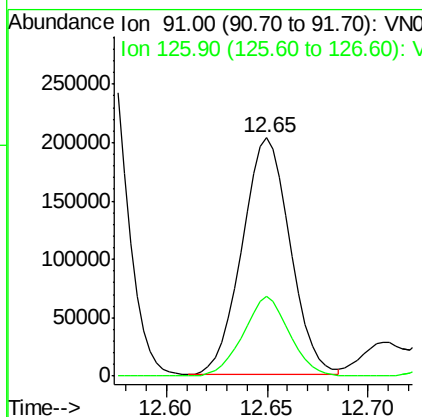
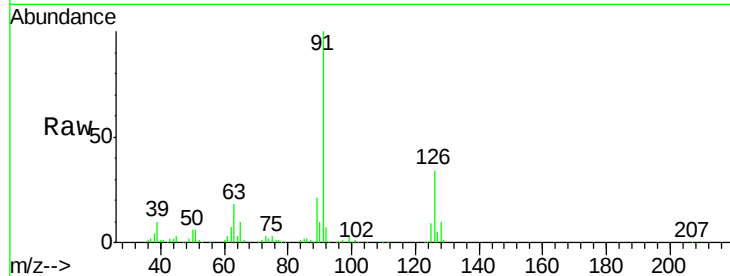
#79
 2-Chlorotoluene
 Concen: 20.958 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0909MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3

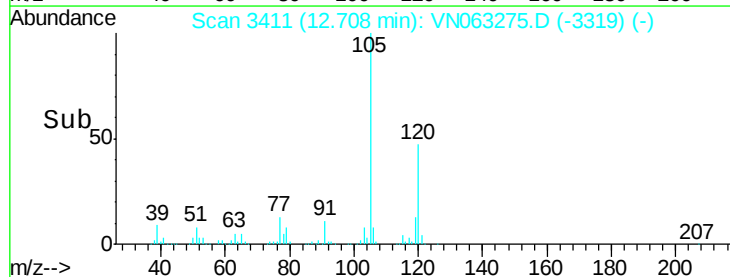
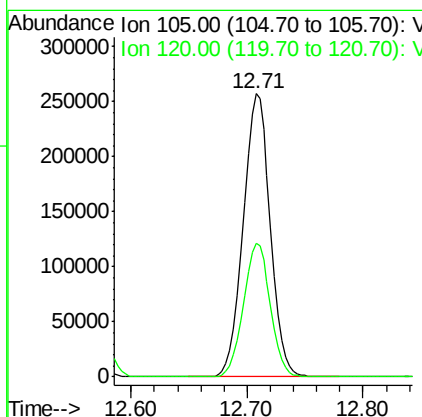
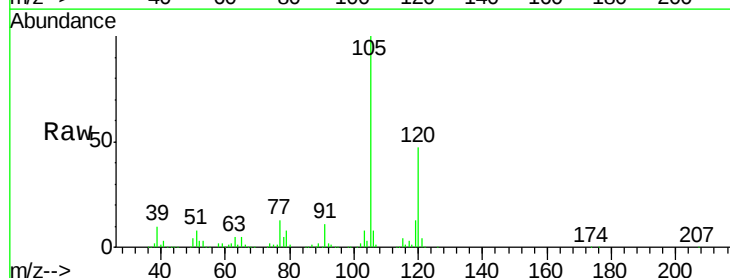
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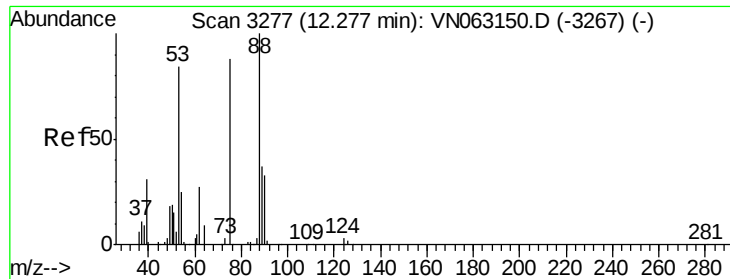
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.313 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.2	72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.561 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

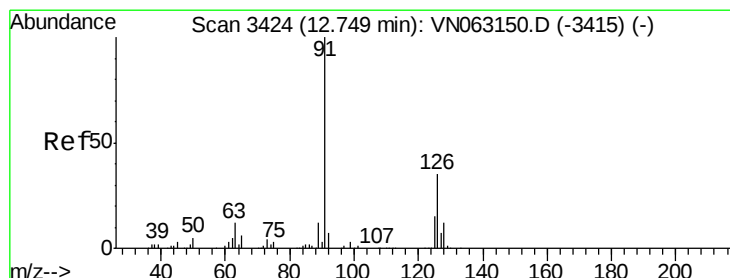
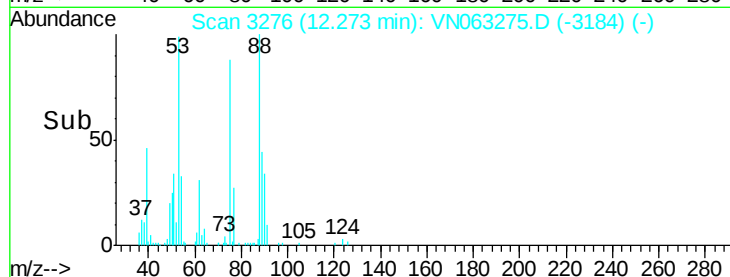
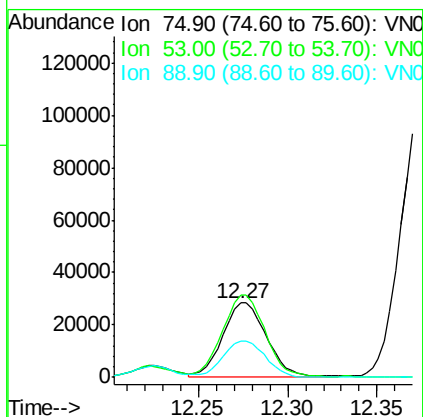
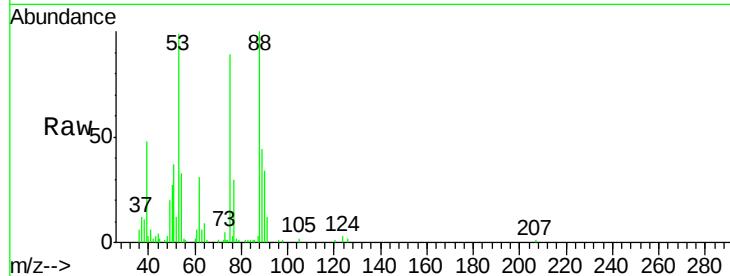
ClientSampleId :

VN0909MBS01

Tot Ion:	75	Resp:	48373
Ion	Ratio	Lower	Upper
75	100		
53	106.2	78.7	118.1
89	47.6	35.3	52.9

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#82

4-Chlorotoluene

Concen: 21.113 ug/l

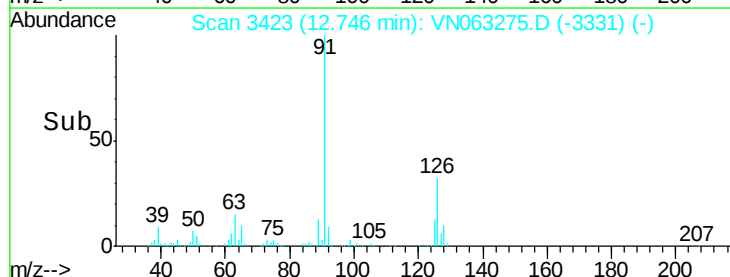
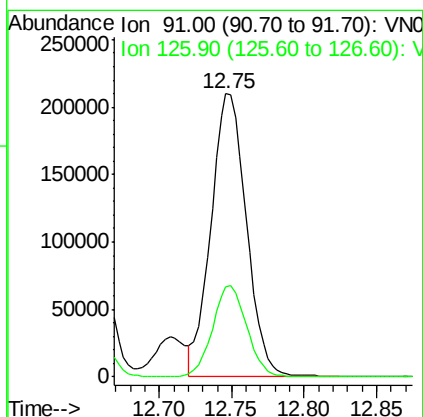
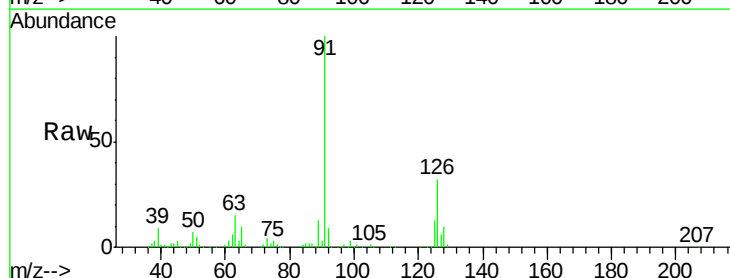
RT: 12.75 min Scan# 3423

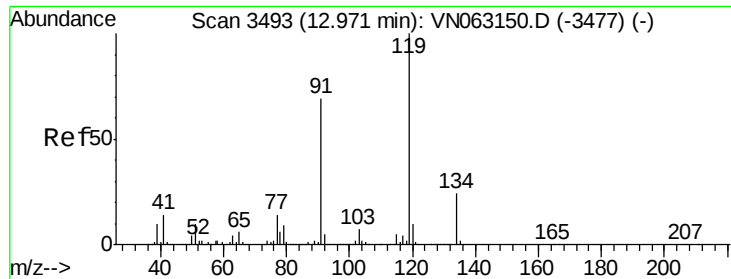
Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion:	91	Resp:	354096
Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.2	48.5





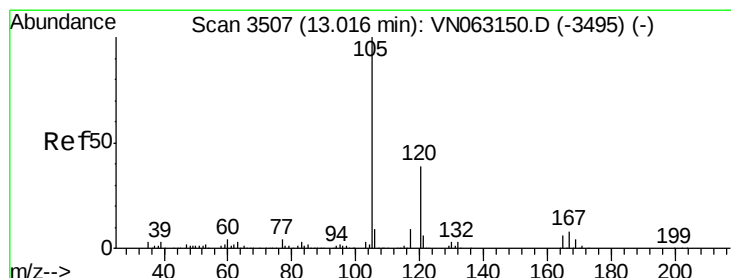
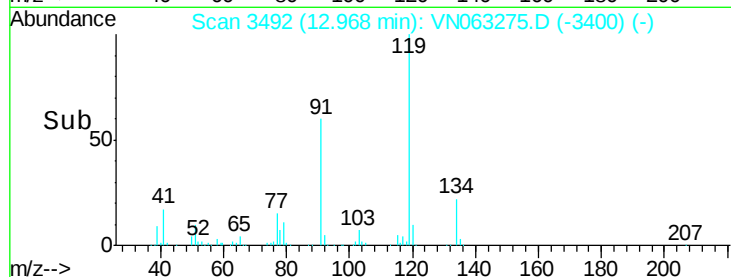
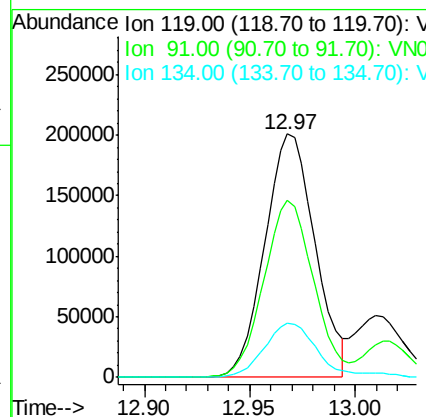
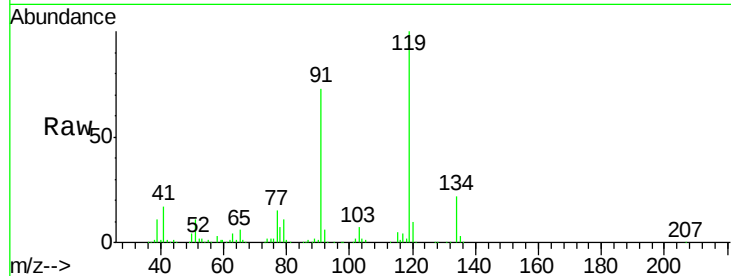
#83
 tert-Butylbenzene
 Concen: 19.953 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.9	33.7	101.0
134	24.0	12.0	36.0

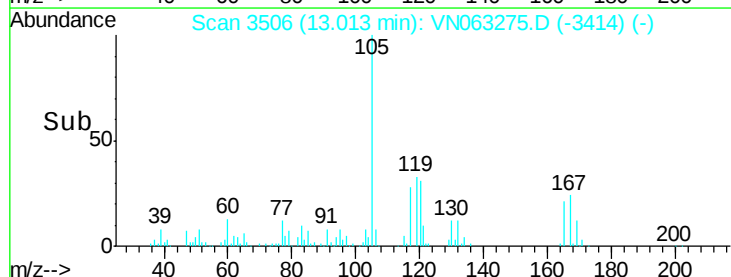
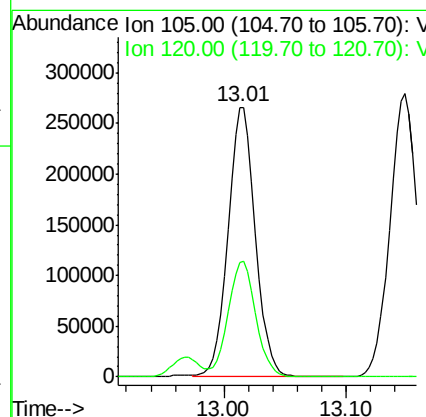
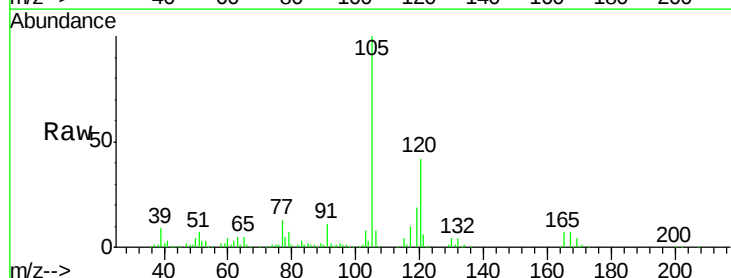
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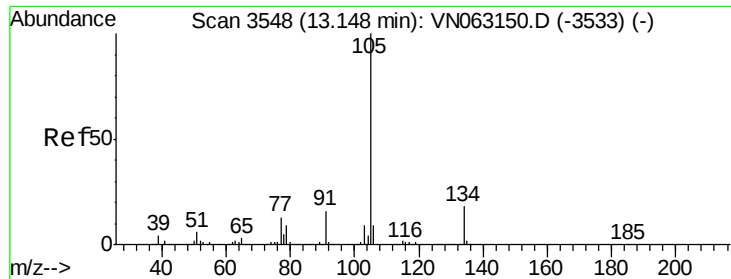
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.197 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.462 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

Tot Ion:105 Resp: 444177

Ion Ratio Lower Upper

105 100

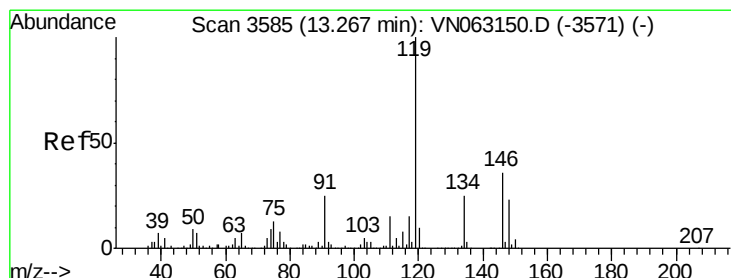
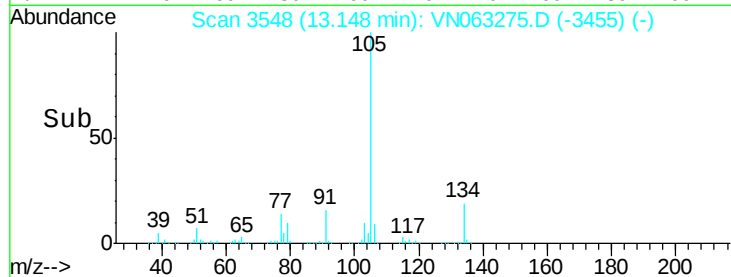
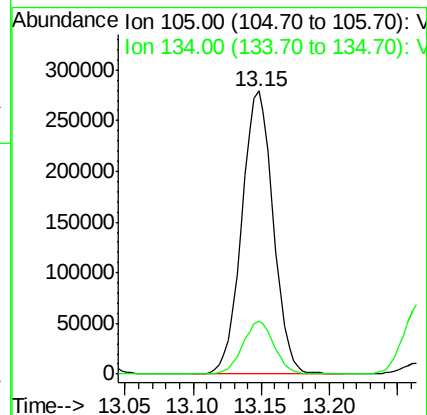
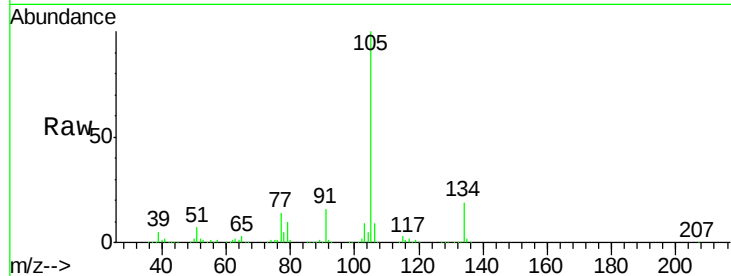
134 18.8 9.4 28.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.749 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

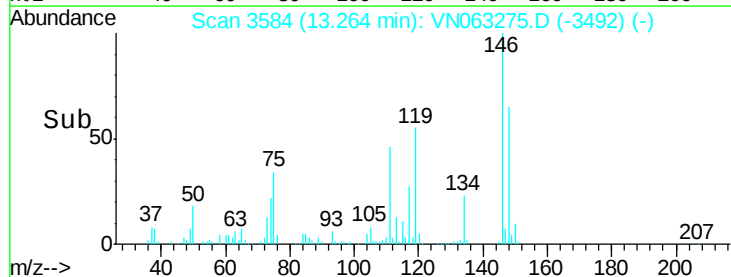
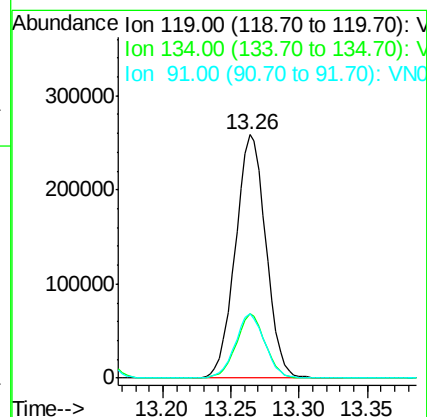
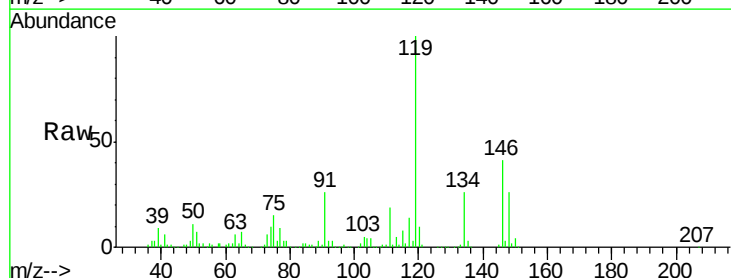
Tgt Ion:119 Resp: 399889

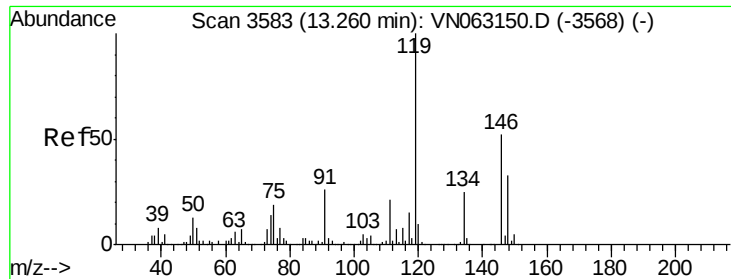
Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.4

91 25.6 12.2 36.6





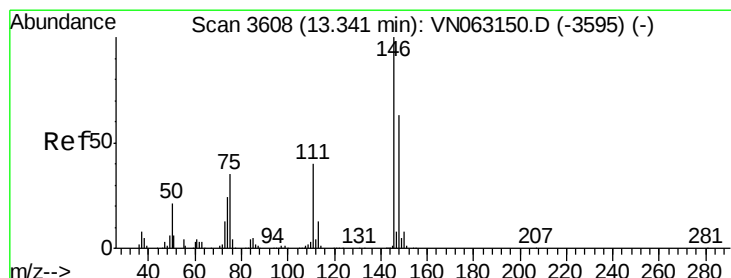
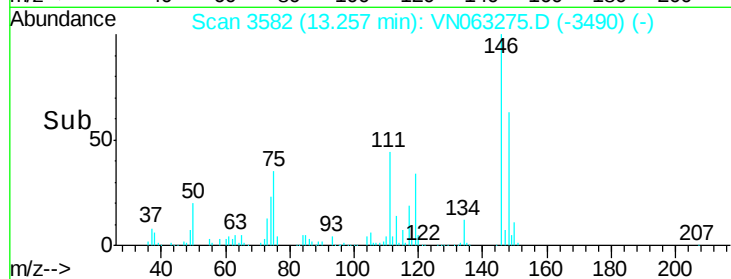
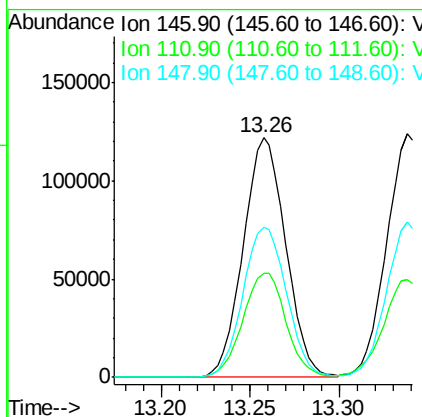
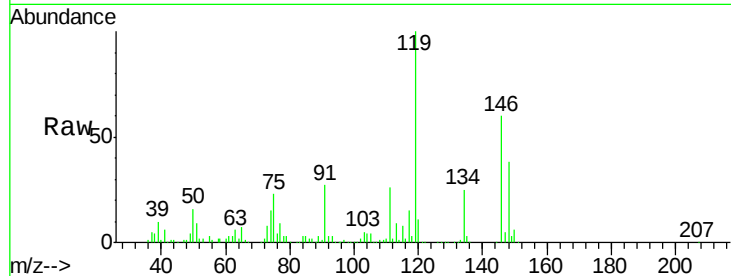
#87
 1,3-Dichlorobenzene
 Concen: 20.988 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	203456		
111	44.3	21.3	63.7	
148	64.5	31.9	95.9	

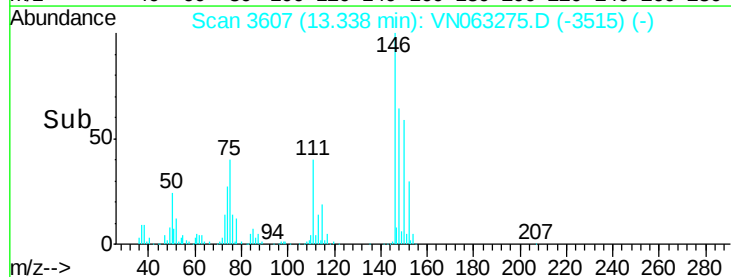
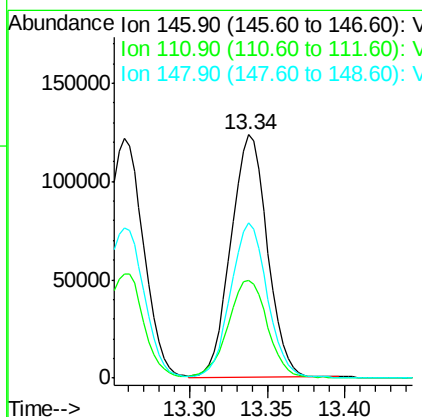
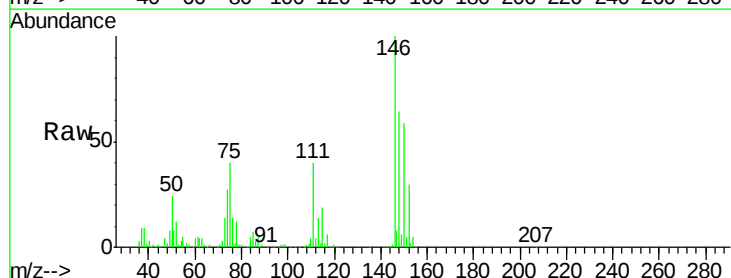
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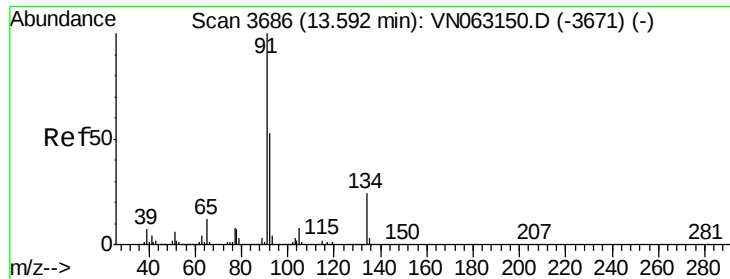
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#88
 1,4-Dichlorobenzene
 Concen: 20.096 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	201714		
111	43.0	20.5	61.5	
148	64.5	31.9	95.7	





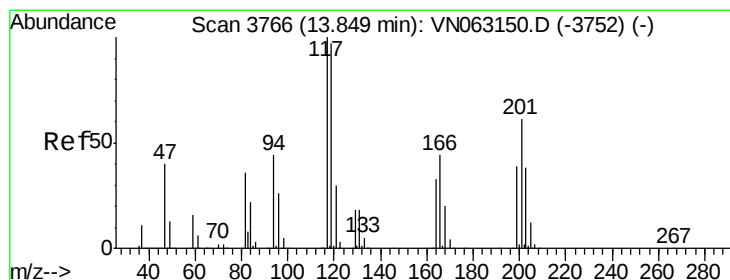
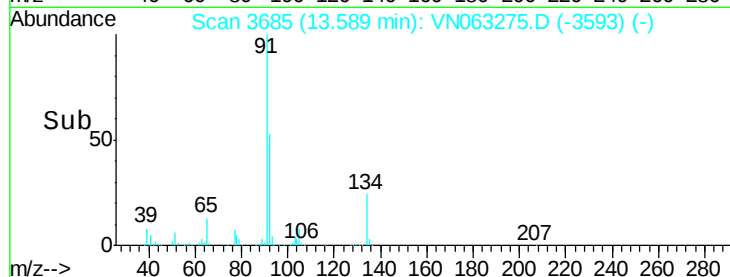
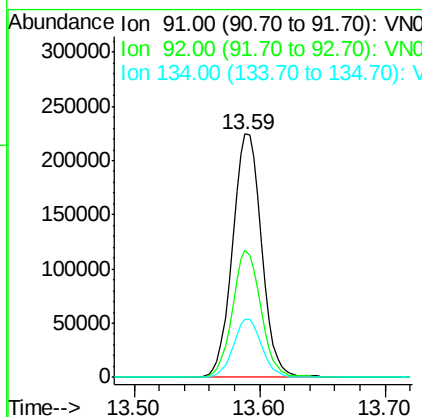
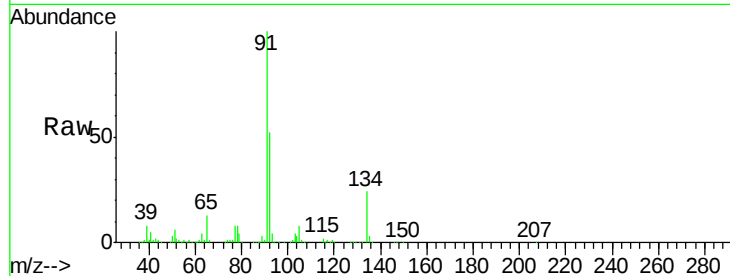
#89
n-Butylbenzene
Concen: 20.270 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.3	78.8
134	23.3	12.0	36.0

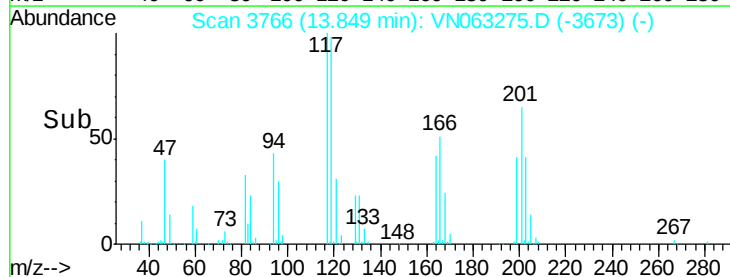
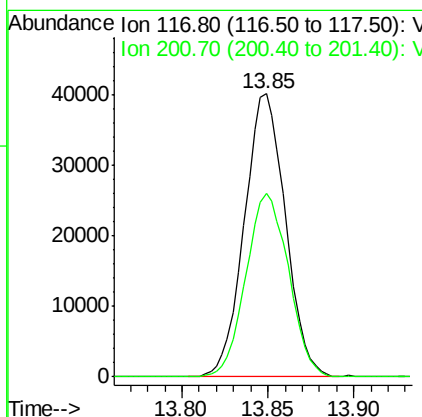
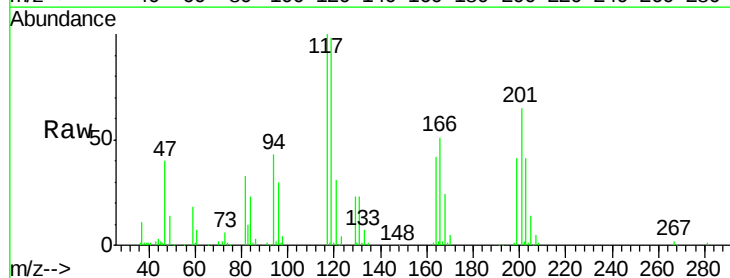
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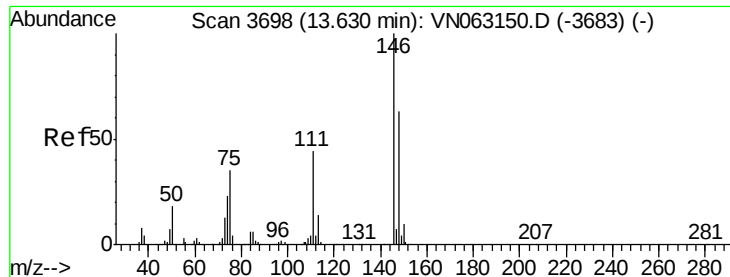
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#90
Hexachloroethane
Concen: 18.687 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	30.6	92.0





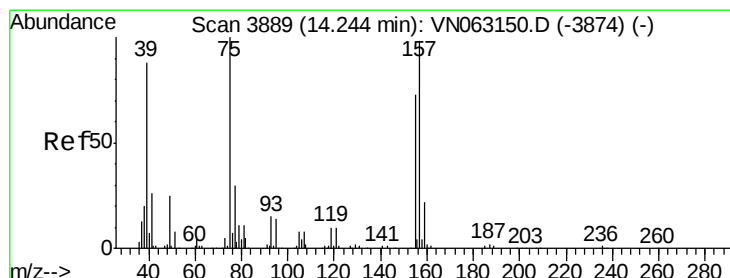
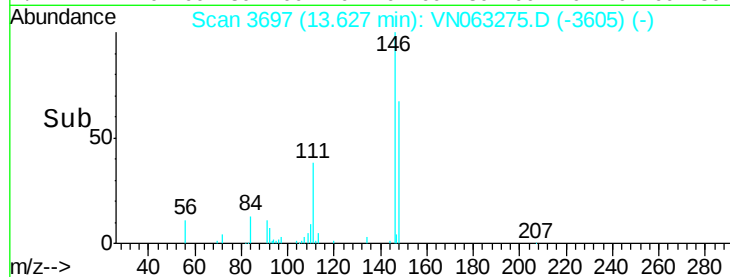
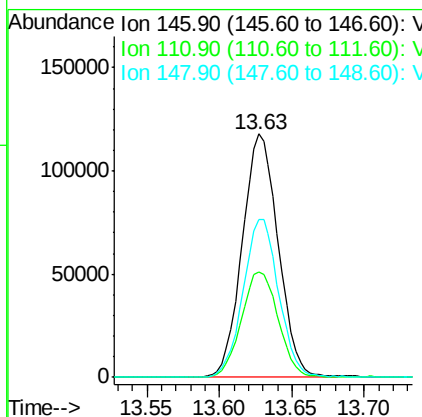
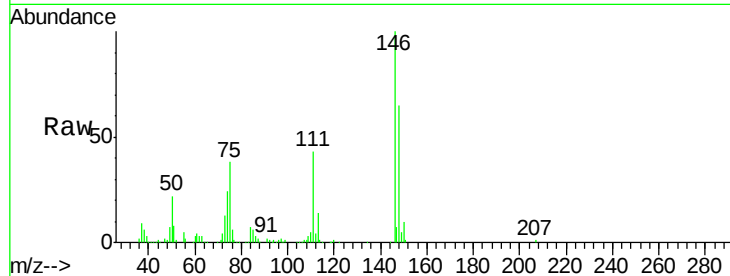
#91
 1,2-Dichlorobenzene
 Concen: 21.653 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.4	22.0	66.0	
148	64.1	31.6	95.0	

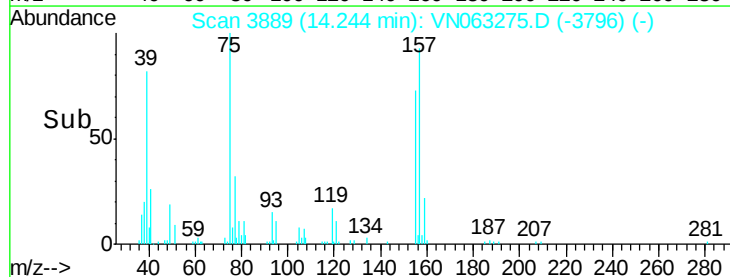
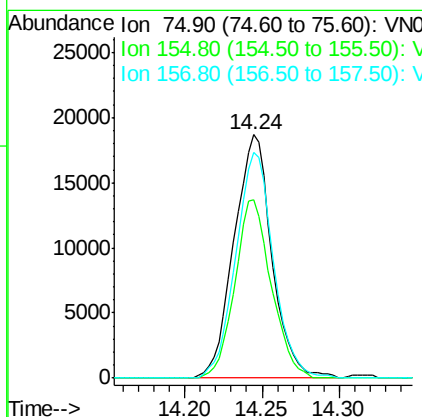
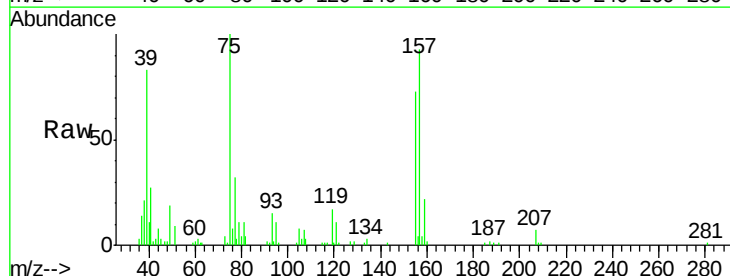
Manual Integrations
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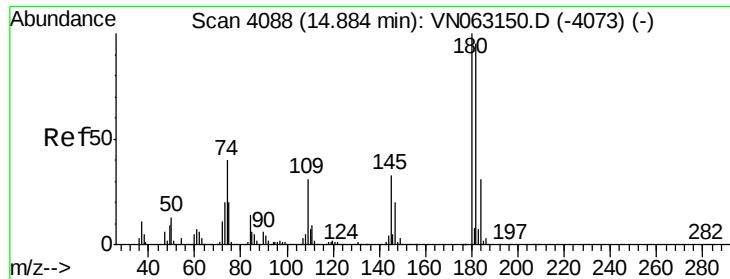
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.507 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	70.0	36.1	108.5	
157	92.1	48.4	145.0	





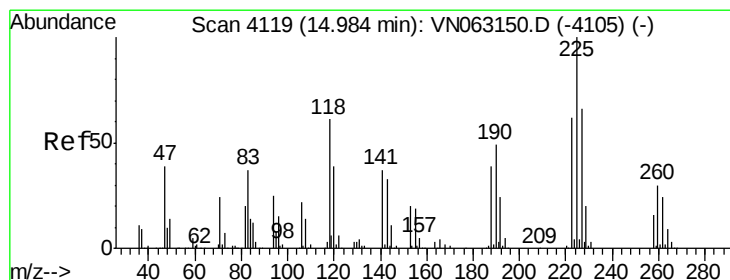
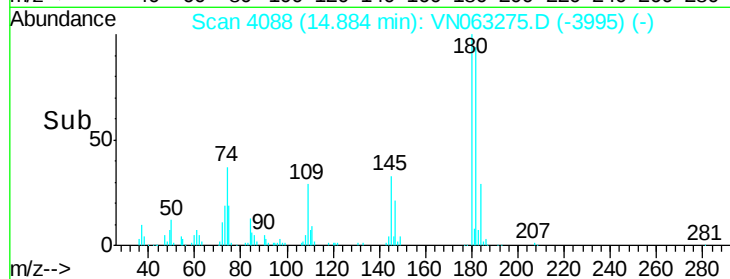
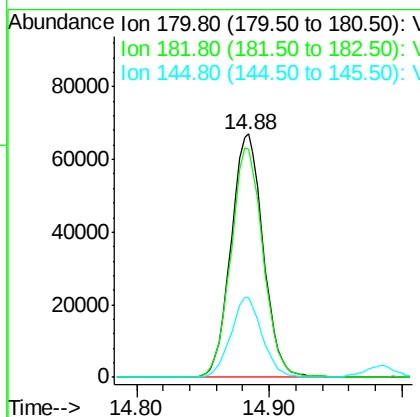
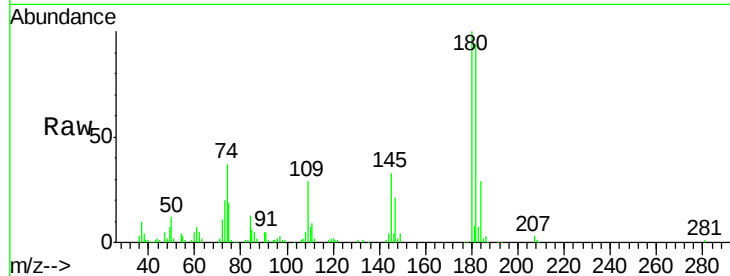
#93
 1,2,4-Trichlorobenzene
 Concen: 21.429 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112624		
182	94.5	47.5	142.5	
145	32.1	16.6	49.8	

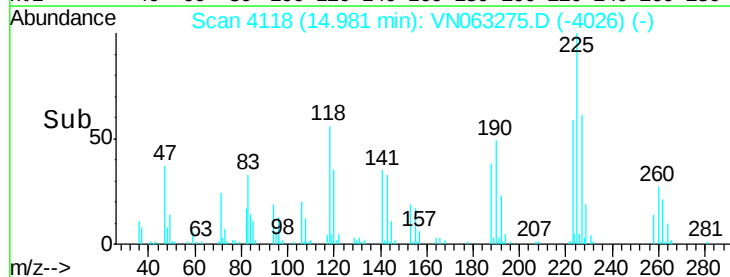
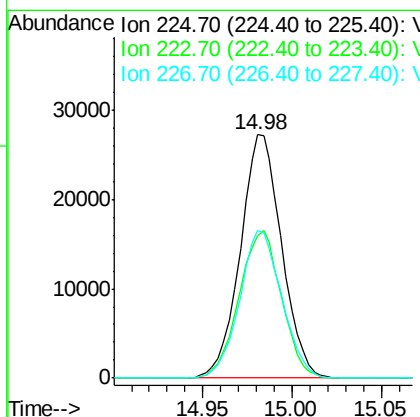
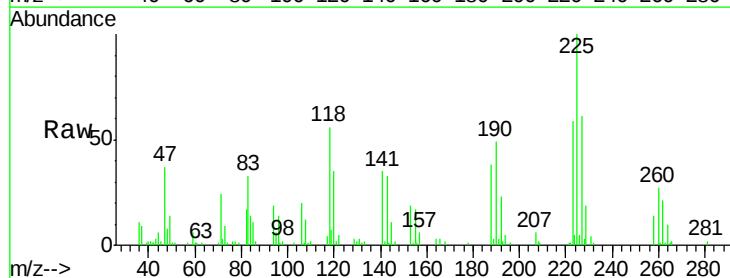
Manual Integrations
 APPROVED

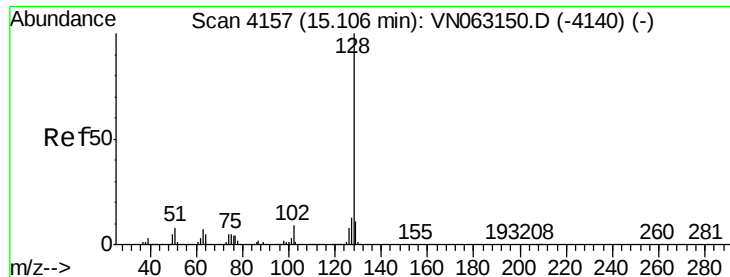
MMDadoda
 9/10/2020 4:04:17 PM



#94
 Hexachlorobutadiene
 Concen: 22.439 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44055		
223	62.3	30.9	92.7	
227	61.9	32.9	98.7	





#95

Naphthalene

Concen: 19.447 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

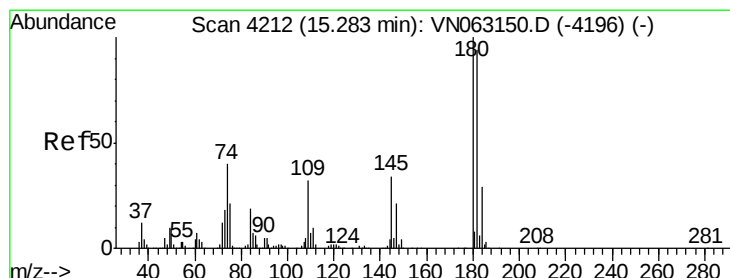
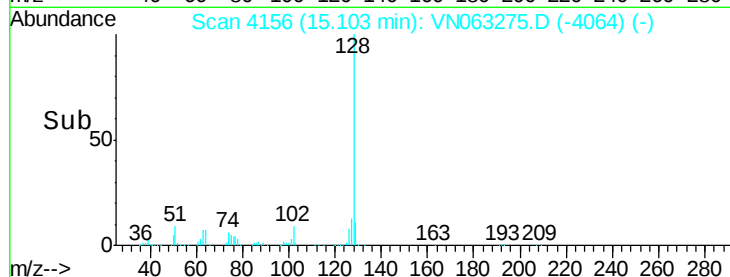
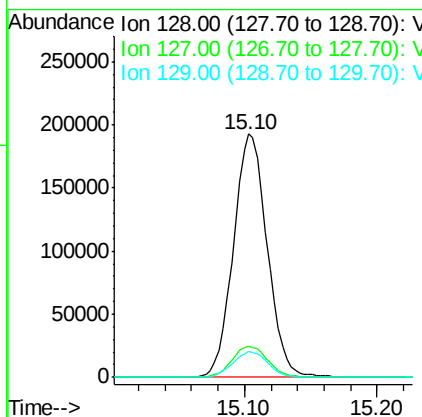
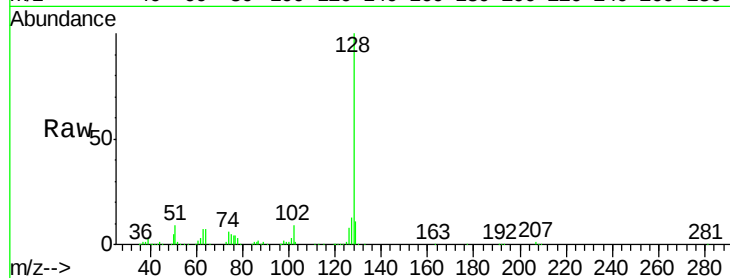
ClientSampleId :

VN0909MBS01

Tot Ion:	128	Resp:	340985
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
9/10/2020 4:04:17 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.170 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion:	180	Resp:	108395
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.5	142.5
145	34.7	17.3	52.0

