

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063135.D
 Acq On : 26 Aug 2020 16:11
 Operator : JC/MD
 Sample : VN0826MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:21 PM

Quant Time: Aug 27 01:07:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	334906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	311013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	139073	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
35) Dibromofluoromethane	7.55	113	118060	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
50) Toluene-d8	10.06	98	448559	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.38	95	159716	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53556	18.771	ug/l	98
3) Chloromethane	2.04	50	56947	18.843	ug/l	100
4) Vinyl Chloride	2.17	62	57104	19.538	ug/l	98
5) Bromomethane	2.54	94	32885	18.956	ug/l	99
6) Chloroethane	2.68	64	34398	19.933	ug/l	98
7) Trichlorofluoromethane	2.99	101	71736	19.681	ug/l	98
8) Diethyl Ether	3.38	74	24187	18.758	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	37029	18.853	ug/l	97
10) Methyl Iodide	3.91	142	46371	18.627	ug/l	98
11) Tert butyl alcohol	4.73	59	31774	85.868	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	32902	17.585	ug/l	97
13) Acrolein	3.57	56	796m	6.867	ug/l	
14) Allyl chloride	4.28	41	61198	18.551	ug/l	97
15) Acrylonitrile	4.94	53	98667	90.720	ug/l	100
16) Acetone	3.78	43	75202	89.800	ug/l	99
17) Carbon Disulfide	4.02	76	78482	16.017	ug/l	100
18) Methyl Acetate	4.28	43	48126	18.538	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	131665	20.179	ug/l	98
20) Methylene Chloride	4.51	84	65736	27.952	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	36435	18.608	ug/l	97
22) Diisopropyl ether	5.90	45	156981	20.970	ug/l	98
23) Vinyl Acetate	5.85	43	466489	92.343	ug/l	99
24) 1,1-Dichloroethane	5.80	63	81617	19.510	ug/l	100
25) 2-Butanone	6.79	43	122436	88.279	ug/l	99
26) 2,2-Dichloropropane	6.78	77	68640	20.864	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	46729	19.040	ug/l	97
28) Bromochloromethane	7.15	49	47637	21.764	ug/l	98
29) Tetrahydrofuran	7.17	42	81997	91.605	ug/l	99
30) Chloroform	7.33	83	81367	19.313	ug/l	99
31) Cyclohexane	7.62	56	67106	17.429	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	67982	19.765	ug/l	98
36) 1,1-Dichloropropene	7.75	75	53352	18.077	ug/l	99
37) Ethyl Acetate	6.88	43	47072	17.021	ug/l	99
38) Carbon Tetrachloride	7.73	117	54873	18.416	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50740	13.898	ug/l	96
40) Benzene	8.00	78	177328	18.944	ug/l	99
41) Methacrylonitrile	7.13	41	26157	19.852	ug/l	94
42) 1,2-Dichloroethane	8.08	62	60109	19.124	ug/l	100
43) Isopropyl Acetate	8.13	43	85270	18.612	ug/l	100
44) Trichloroethene	8.80	130	44035	18.912	ug/l	98
45) 1,2-Dichloropropane	9.08	63	52252	19.311	ug/l	100
46) Dibromomethane	9.17	93	29316	18.755	ug/l	99
47) Bromodichloromethane	9.37	83	65812	19.223	ug/l	98
48) Methyl methacrylate	9.17	41	40285	18.584	ug/l	98
49) 1,4-Dioxane	9.17	88	14496	314.531	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	268416	92.687	ug/l	100
52) Toluene	10.13	92	108758	19.260	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	69879	19.738	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	78025	20.090	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	46006	19.054	ug/l	95
56) Ethyl methacrylate	10.40	69	63089	18.070	ug/l	96
57) 1,3-Dichloropropane	10.68	76	77455	19.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	154862	174.680	ug/l	99
59) 2-Hexanone	10.72	43	192738	95.416	ug/l	98
60) Dibromochloromethane	10.88	129	50029	18.723	ug/l	100
61) 1,2-Dibromoethane	10.98	107	43199	18.620	ug/l	99
64) Tetrachloroethene	10.60	164	43006	21.036	ug/l	96
65) Chlorobenzene	11.41	112	122266	19.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	47069	19.374	ug/l	98
67) Ethyl Benzene	11.48	91	204474	19.373	ug/l	100
68) m/p-Xylenes	11.60	106	153065	39.020	ug/l	99
69) o-Xylene	11.92	106	74371	19.743	ug/l	100
70) Styrene	11.94	104	135514	19.354	ug/l	98
71) Bromoform	12.10	173	37135	19.203	ug/l #	88
73) Isopropylbenzene	12.23	105	194986	19.032	ug/l	100
74) N-amyl acetate	12.05	43	77855	21.218	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	64508	18.450	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	56824m	19.541	ug/l	
77) Bromobenzene	12.50	156	56500	20.052	ug/l	97
78) n-propylbenzene	12.57	91	213658	18.297	ug/l	99
79) 2-Chlorotoluene	12.65	91	137279	18.690	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	157286	18.572	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	21088	19.917	ug/l	95
82) 4-Chlorotoluene	12.75	91	146007	19.522	ug/l	99
83) tert-Butylbenzene	12.97	119	123022	16.830	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	163212	19.782	ug/l	100
85) sec-Butylbenzene	13.15	105	158560	16.050	ug/l	99
86) p-Isopropyltoluene	13.26	119	143235	16.640	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	94214	19.456	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	95976	19.528	ug/l	99
89) n-Butylbenzene	13.59	91	118636	16.507	ug/l	99
90) Hexachloroethane	13.85	117	26333	14.393	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	93956	20.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11550	22.385	ug/l	97

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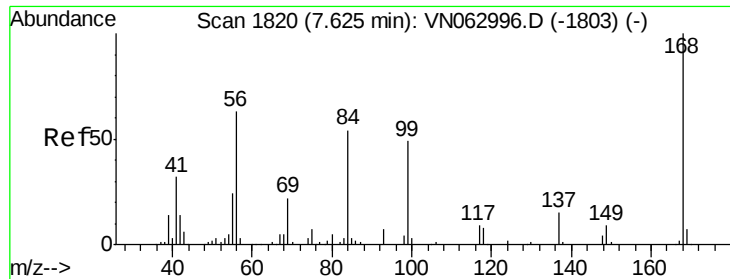
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	53441	23.283	ug/l	100
94) Hexachlorobutadiene	14.98	225	20006	11.574	ug/l	99
95) Naphthalene	15.11	128	155787	28.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	52289	22.906	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion:168 Resp: 220419

Ion Ratio Lower Upper

168 100

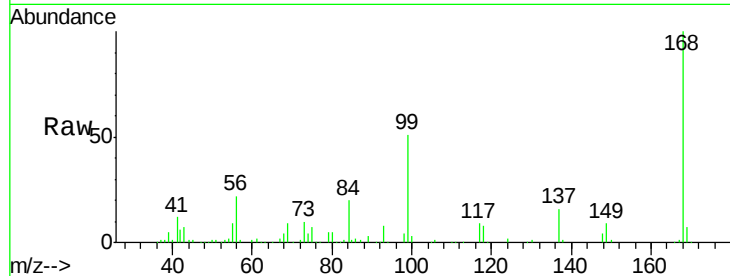
99 50.8 42.0 63.0

Manual Integrations

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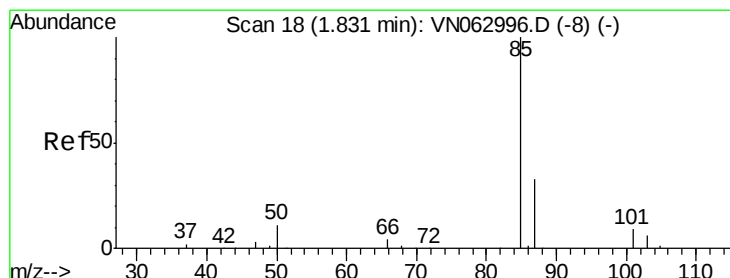
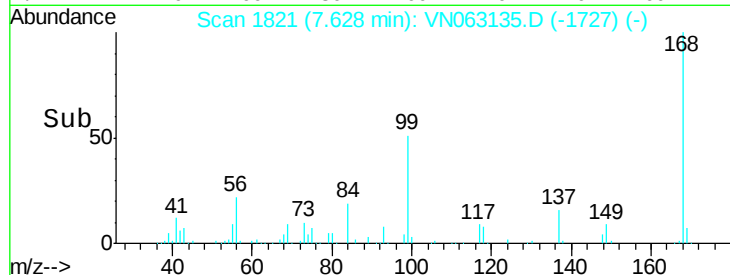
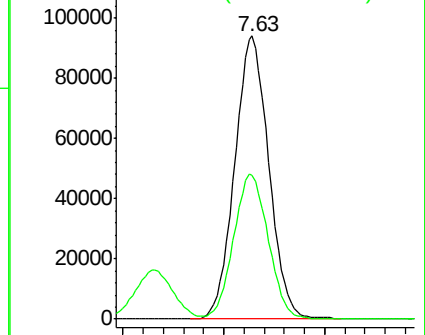
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.771 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063135.D

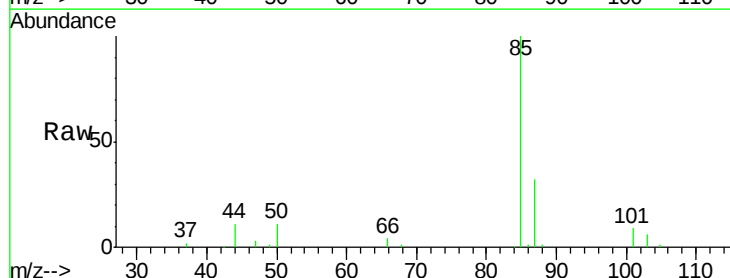
Acq: 26 Aug 2020 16:11

Tgt Ion: 85 Resp: 53556

Ion Ratio Lower Upper

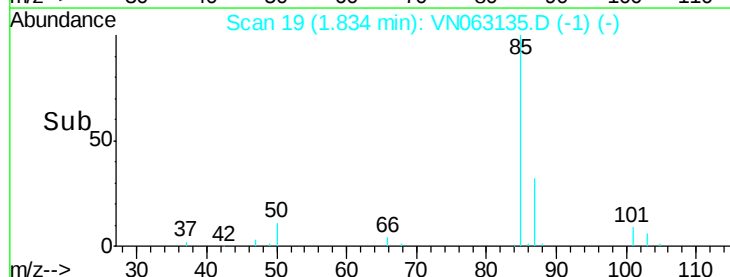
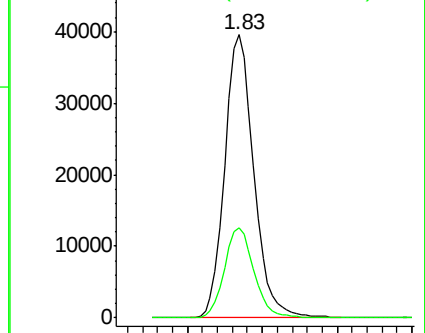
85 100

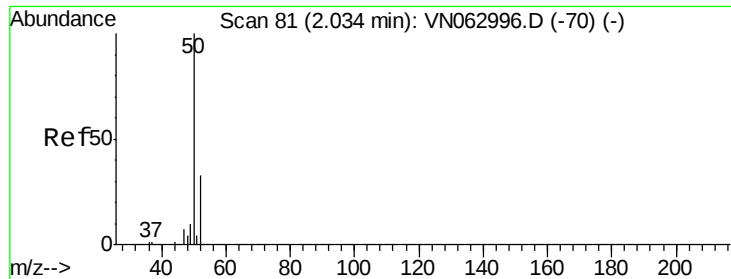
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.843 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion: 50 Resp: 56947

Ion Ratio Lower Upper

50 100

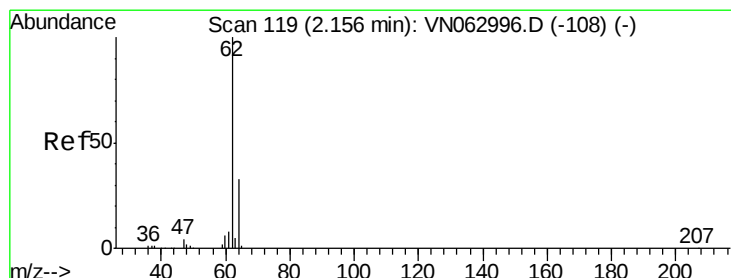
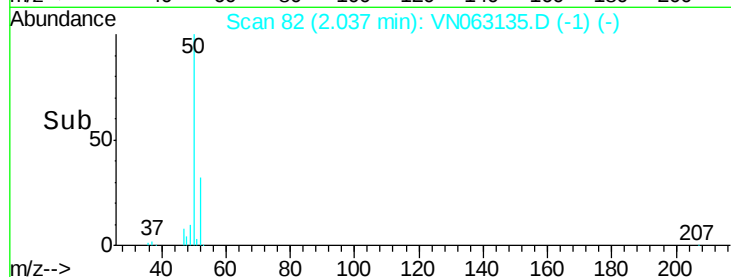
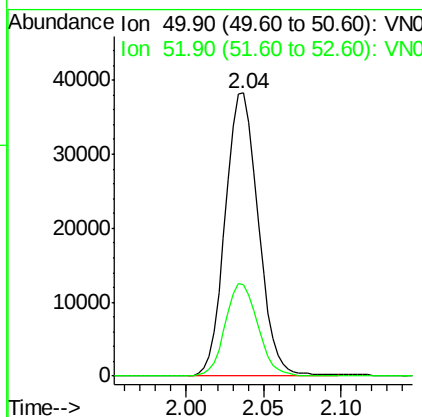
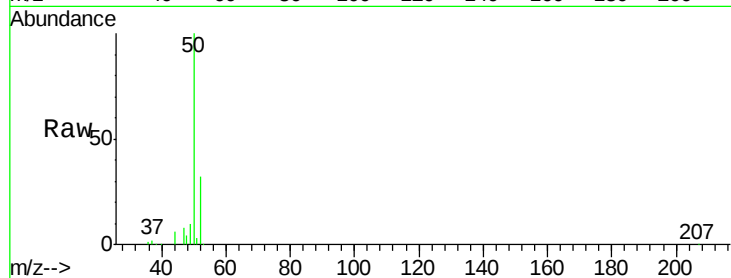
52 32.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.538 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN063135.D

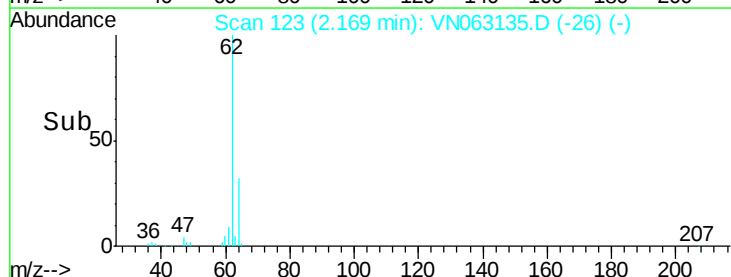
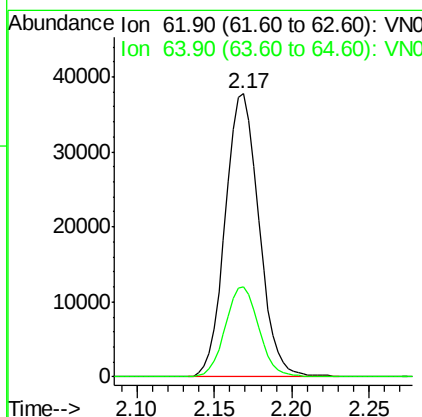
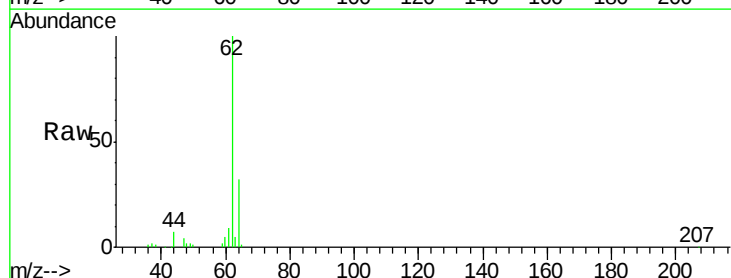
Acq: 26 Aug 2020 16:11

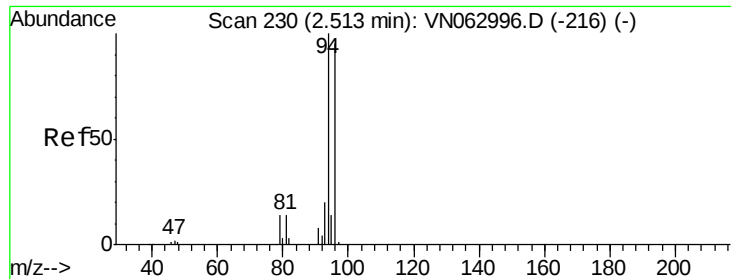
Tgt Ion: 62 Resp: 57104

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.2





#5

Bromomethane

Concen: 18.956 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.03 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion: 94 Resp: 32885

Ion Ratio Lower Upper

94 100

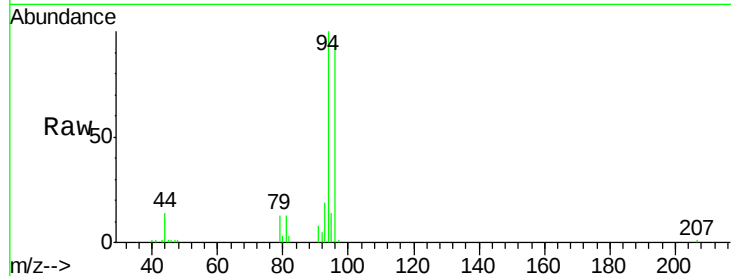
96 93.5 75.8 113.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

20000

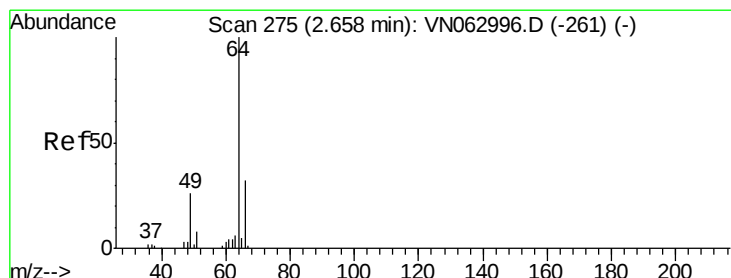
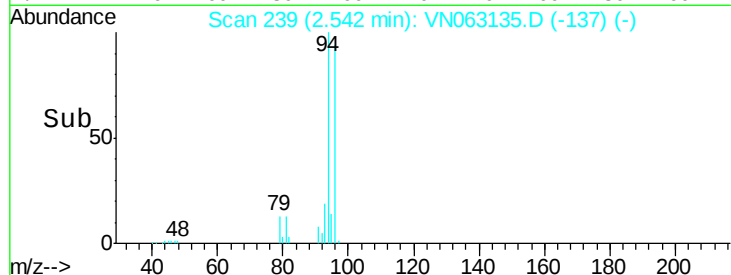
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.933 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.02 min

Lab File: VN063135.D

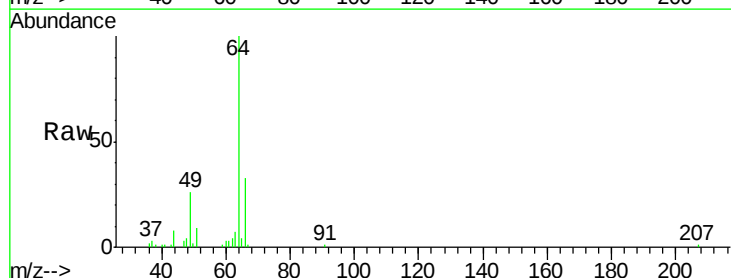
Acq: 26 Aug 2020 16:11

Tgt Ion: 64 Resp: 34398

Ion Ratio Lower Upper

64 100

66 33.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

20000

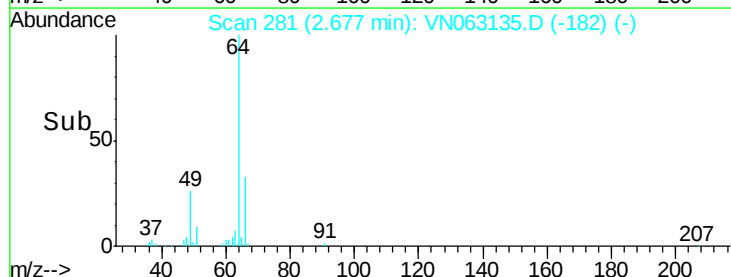
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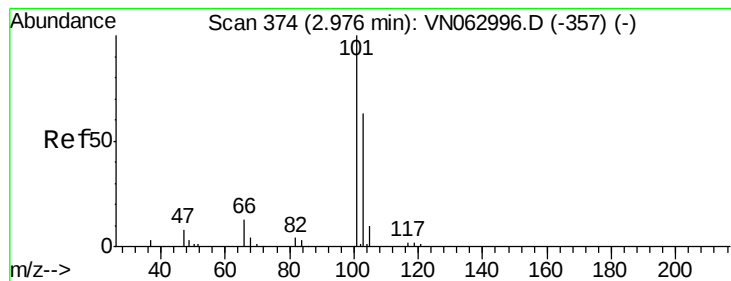
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5000

0

Time-->





#7

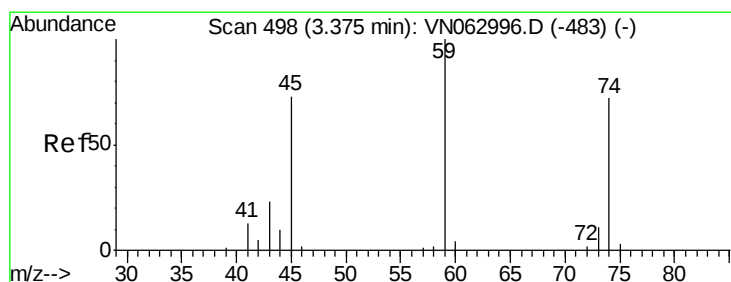
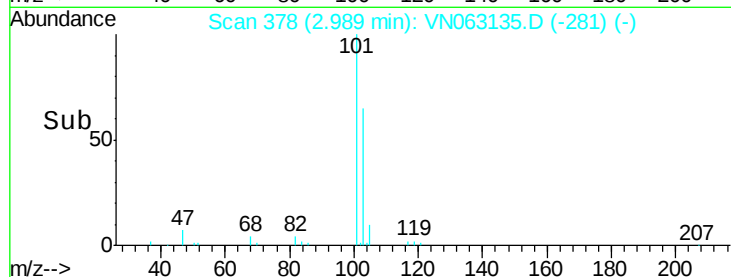
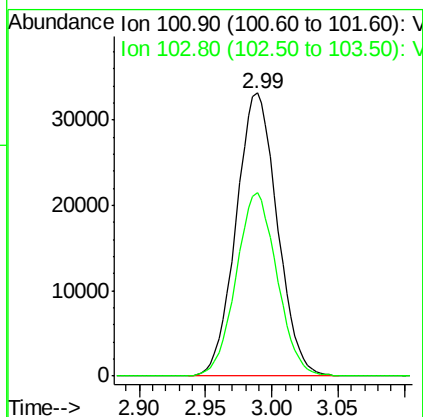
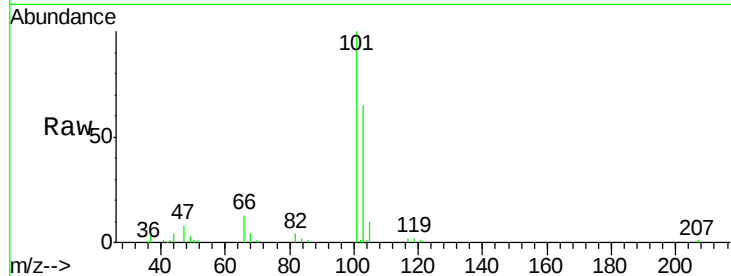
Trichlorofluoromethane
Concen: 19.681 ug/l
RT: 2.99 min Scan# 378
Delta R.T. 0.01 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
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VN0826MBS01

Tot Ion:101 Resp: 71736
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7

Manual Integrations
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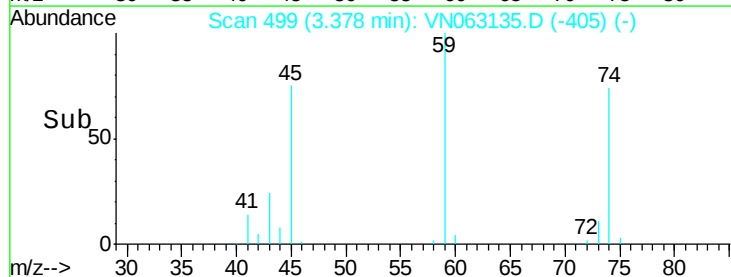
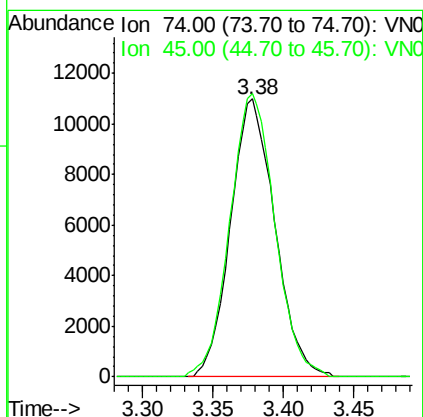
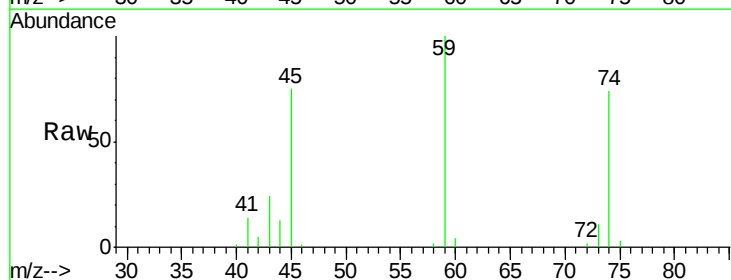
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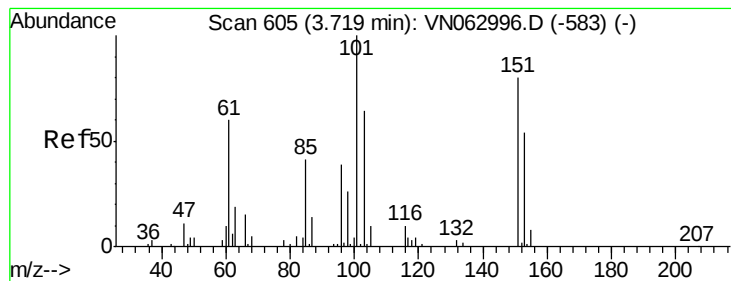


#8

Diethyl Ether
Concen: 18.758 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 74 Resp: 24187
Ion Ratio Lower Upper
74 100
45 103.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.853 ug/l

RT: 3.72 min Scan# 607

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

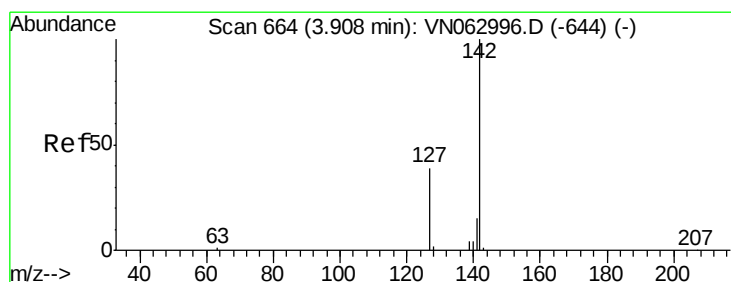
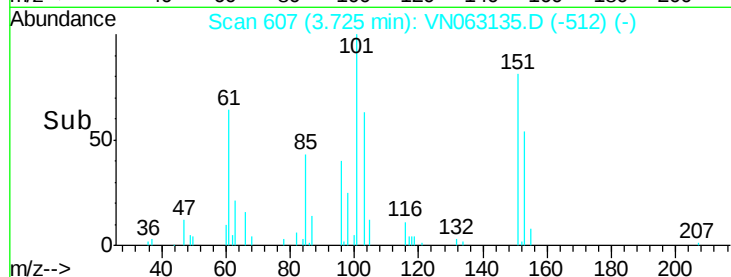
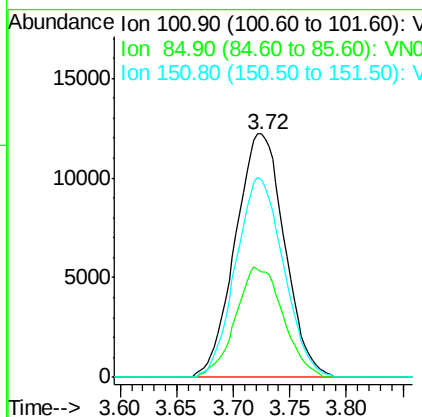
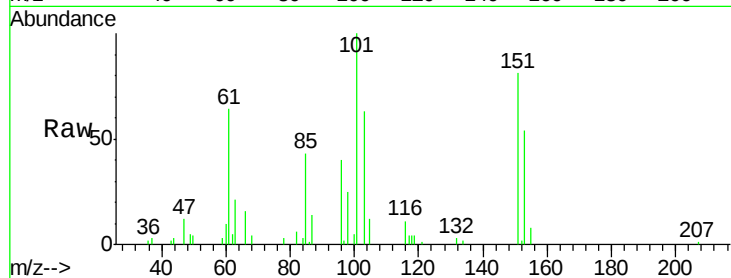
ClientSampleId :

VN0826MBS01

Tot Ion:	101	Resp:	37029
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.0	51.0
151	79.6	65.8	98.8

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#10

Methyl Iodide

Concen: 18.627 ug/l

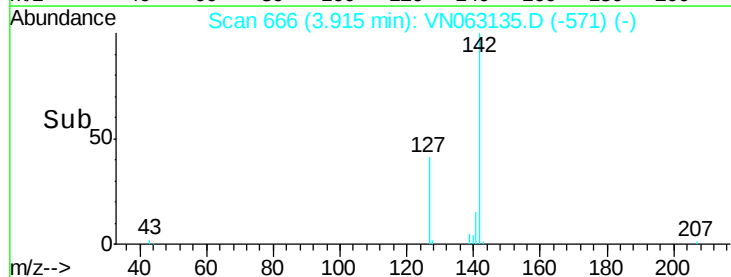
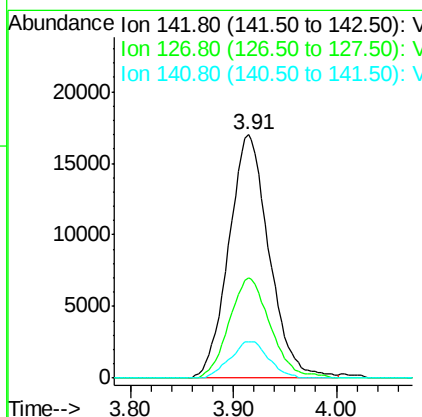
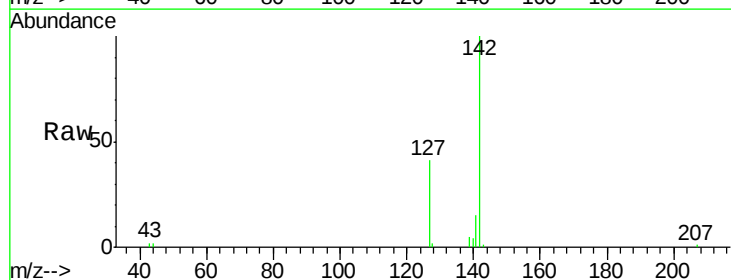
RT: 3.91 min Scan# 666

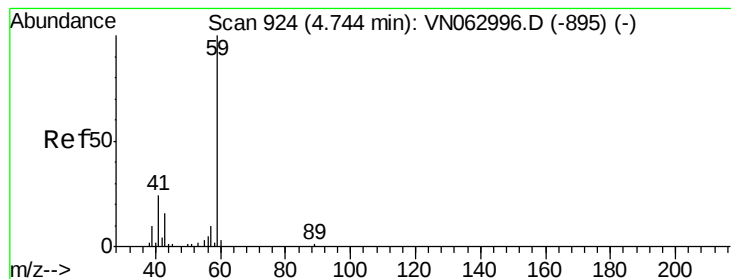
Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion:	142	Resp:	46371
Ion Ratio	Lower	Upper	
142	100		
127	41.9	32.2	48.4
141	14.2	11.3	16.9





#11

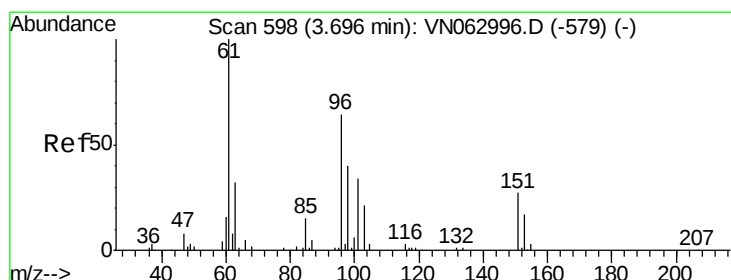
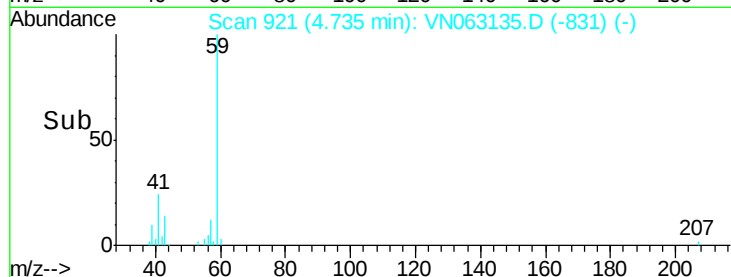
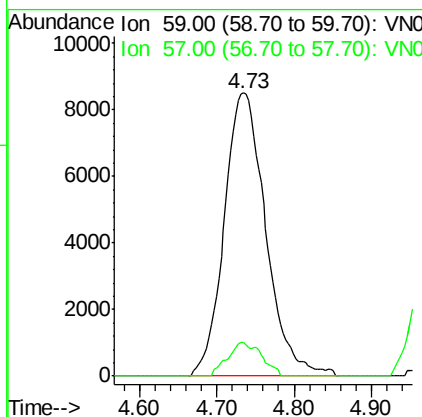
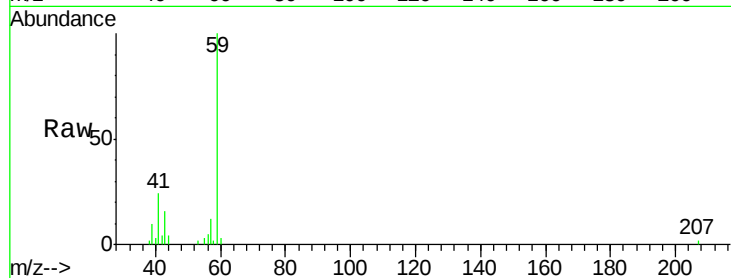
Tert butyl alcohol
Concen: 85.868 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.01 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.4	7.8	11.6#

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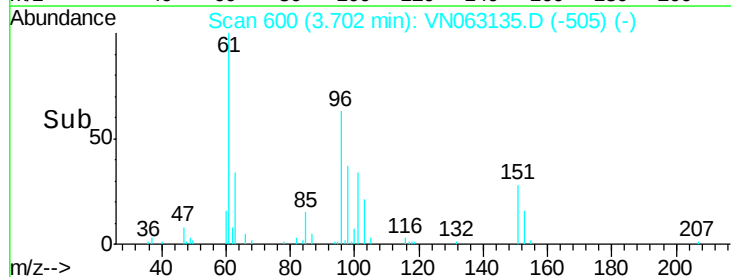
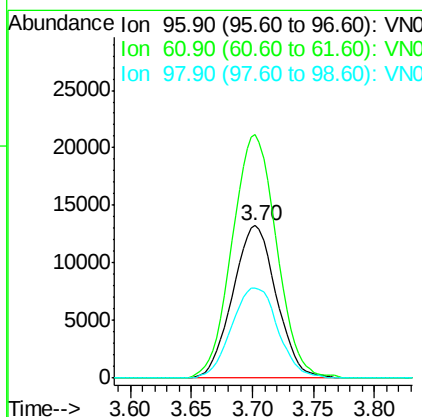
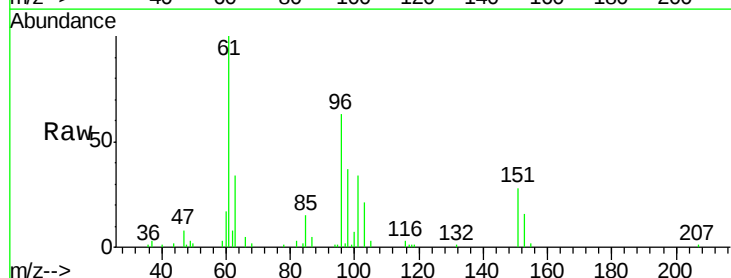
MMDadoda
8/27/2020 1:28:21 PM

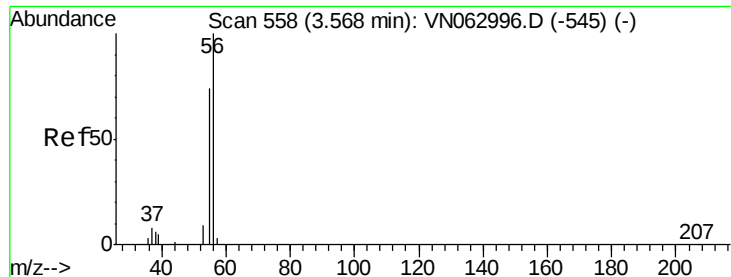


#12

1,1-Dichloroethene
Concen: 17.585 ug/l
RT: 3.70 min Scan# 600
Delta R.T. 0.01 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	125.5	188.3
98	59.3	50.4	75.6





#13

Acrolein

Concen: 6.867 ug/l m

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion: 56 Resp: 796

Ion Ratio Lower Upper

56 100

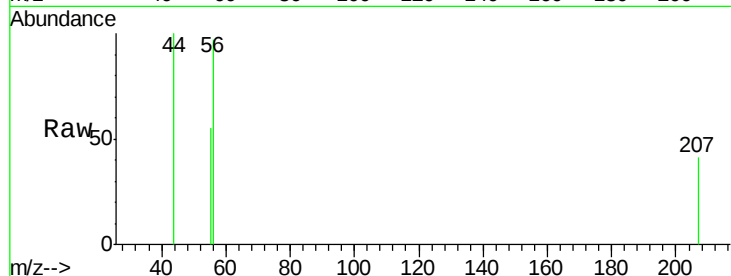
55 59.9 58.4 87.6

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

400

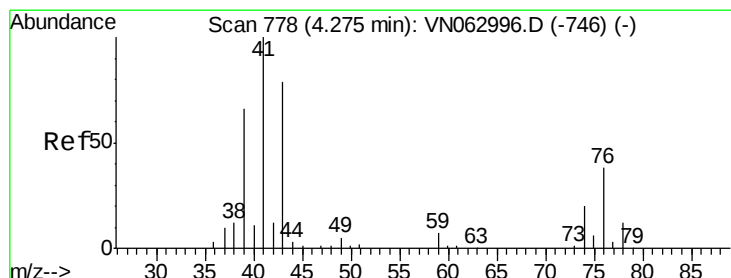
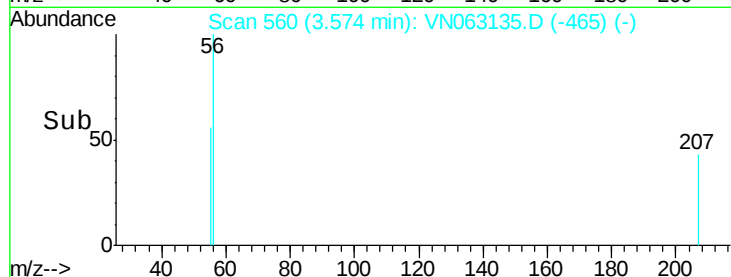
300

200

100

0

Time-->



#14

Allyl chloride

Concen: 18.551 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

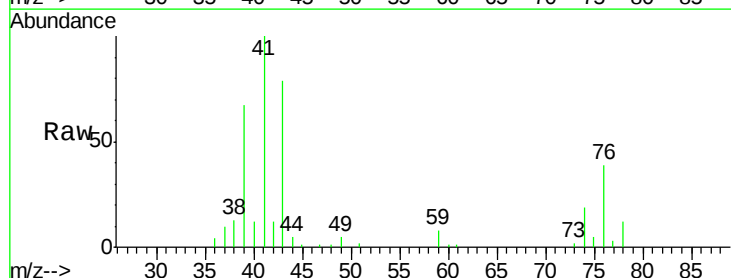
Tgt Ion: 41 Resp: 61198

Ion Ratio Lower Upper

41 100

39 61.7 47.9 71.9

76 35.5 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

25000

20000

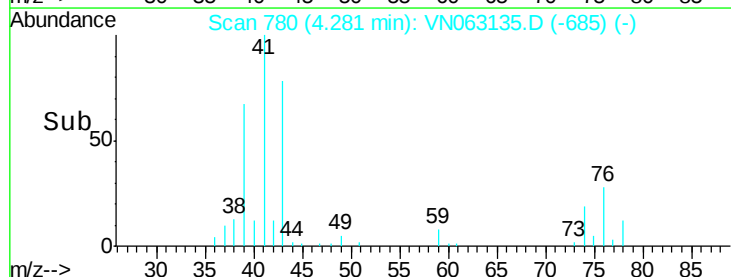
15000

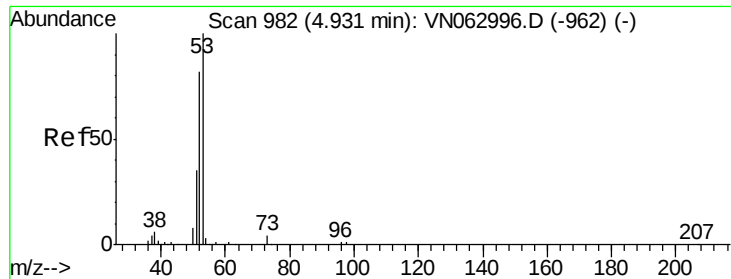
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 90.720 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

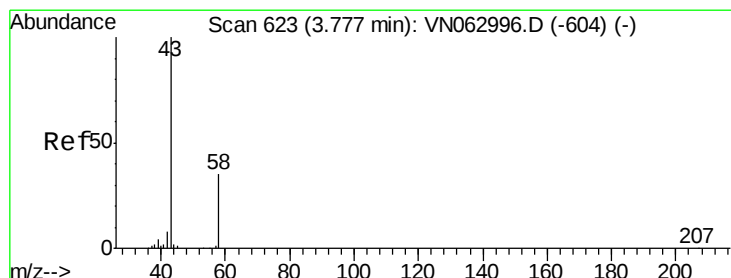
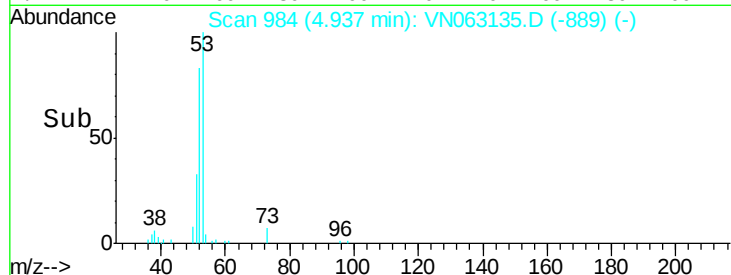
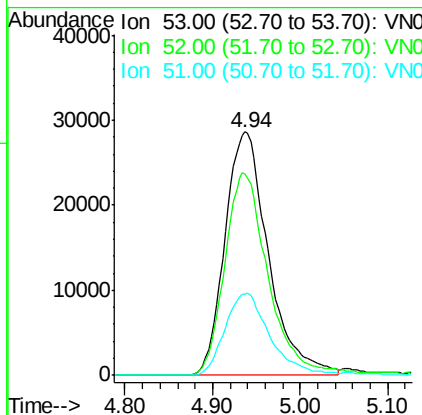
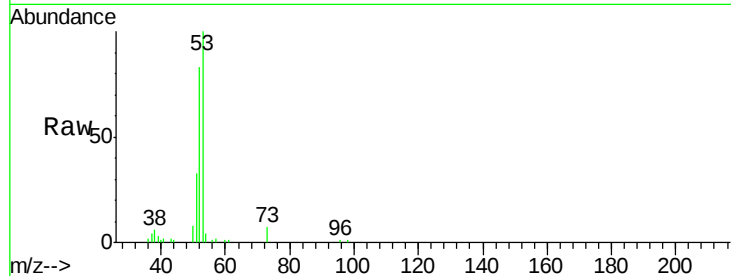
ClientSampleId :

VN0826MBS01

Tot Ion:	53	Resp:	98667
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.6	98.4
51	34.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 89.800 ug/l

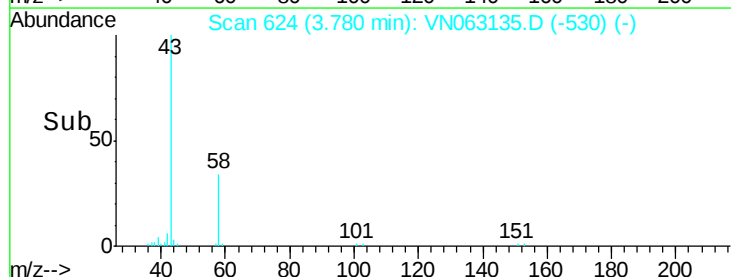
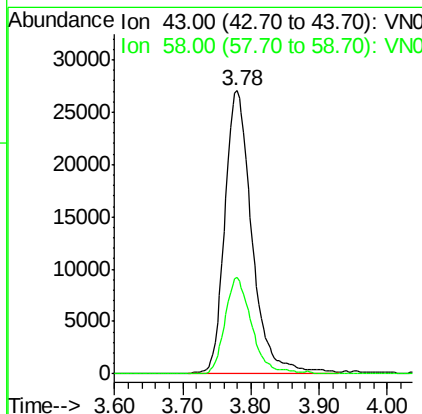
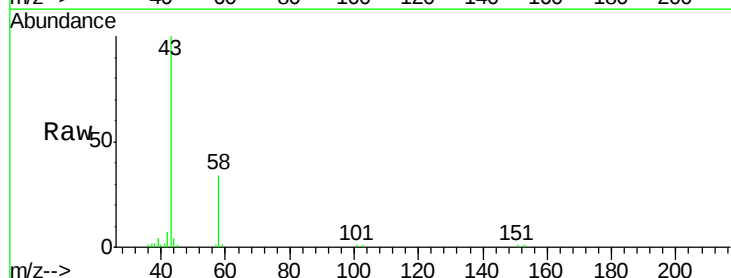
RT: 3.78 min Scan# 624

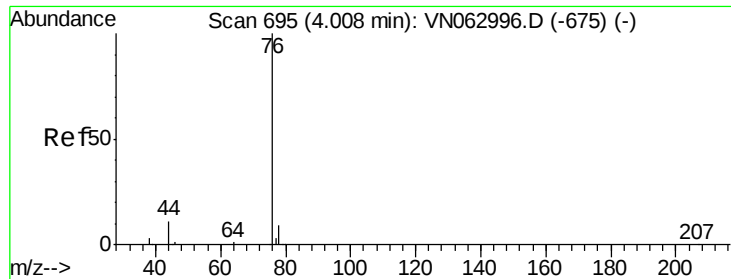
Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion:	43	Resp:	75202
Ion Ratio	Lower	Upper	
43	100		
58	33.9	27.8	41.6





#17

Carbon Disulfide

Concen: 16.017 ug/l

RT: 4.02 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion: 76 Resp: 78482

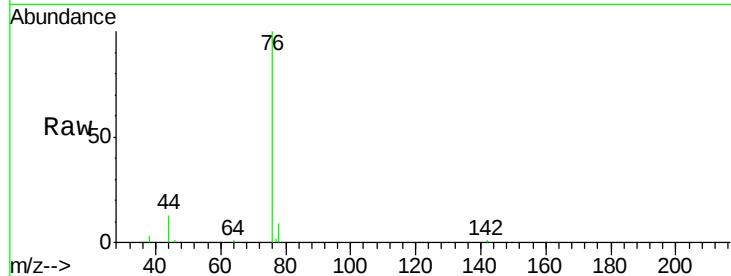
Ion Ratio Lower Upper

76 100

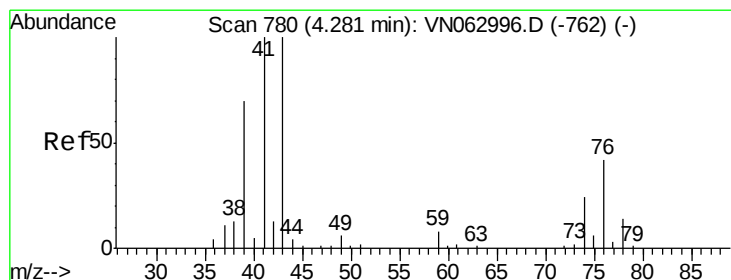
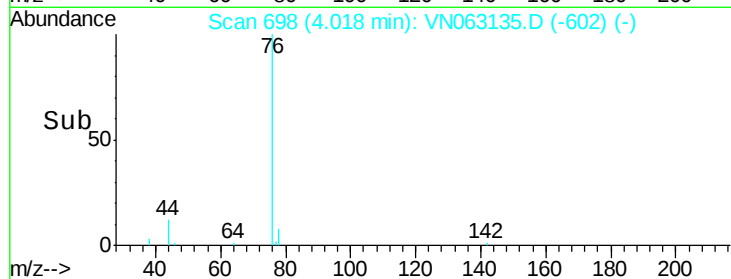
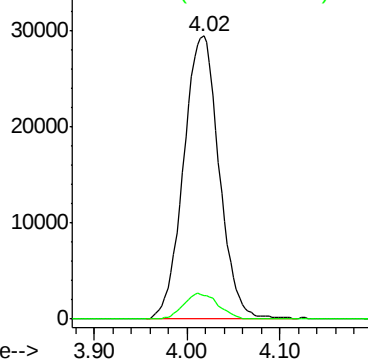
78 8.5 6.9 10.3

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Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 18.538 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN063135.D

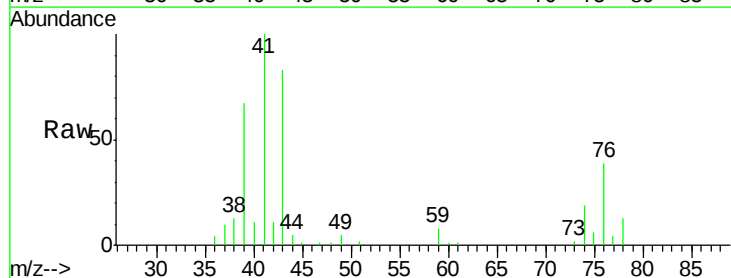
Acq: 26 Aug 2020 16:11

Tgt Ion: 43 Resp: 48126

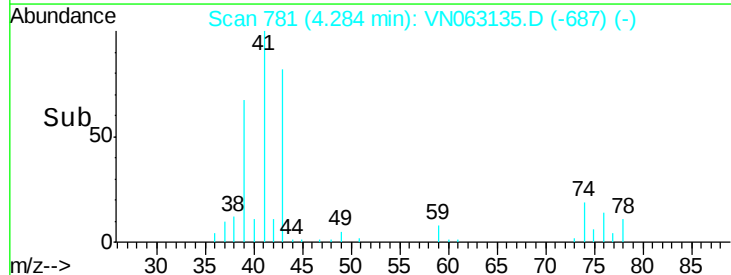
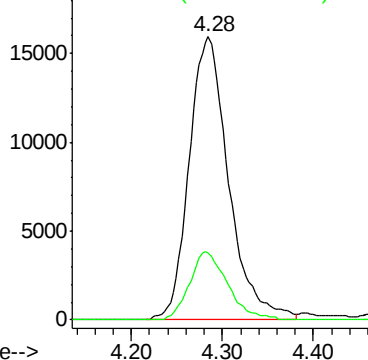
Ion Ratio Lower Upper

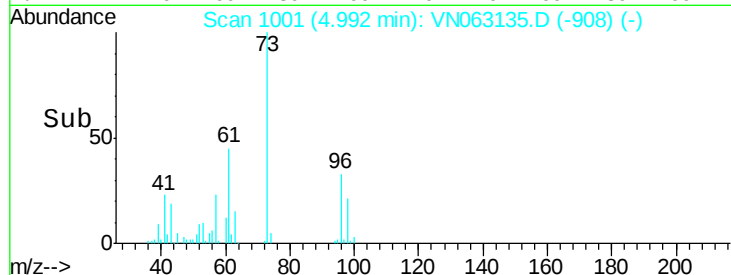
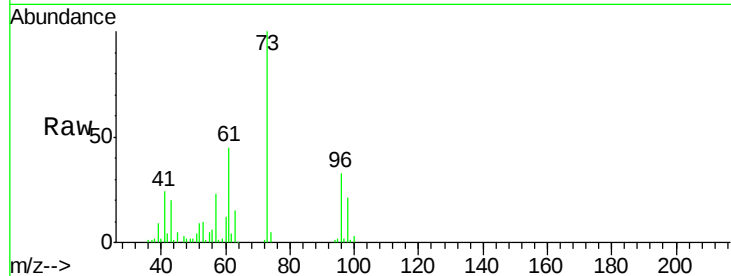
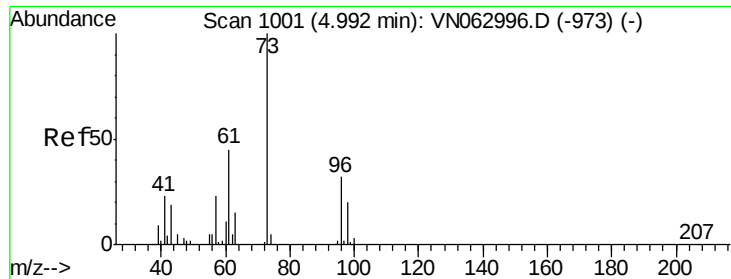
43 100

74 23.2 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





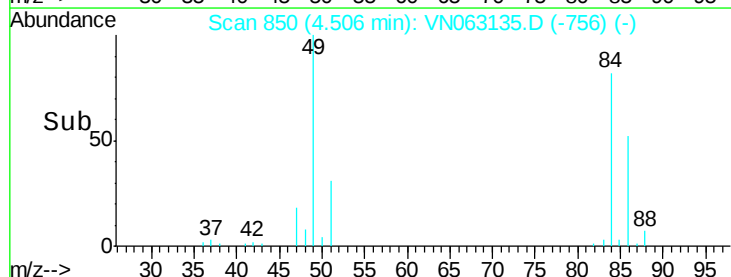
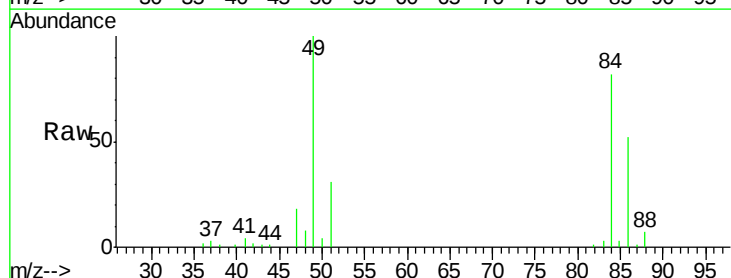
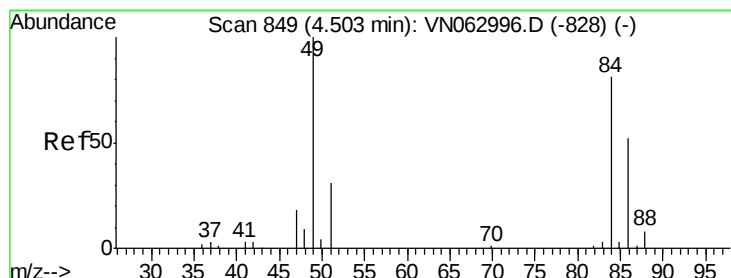
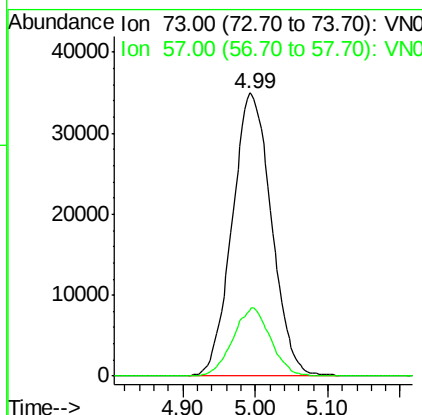
#19
Methvl tert-butvl Ether
Concen: 20.179 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tot Ion: 73 Resp: 131665
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

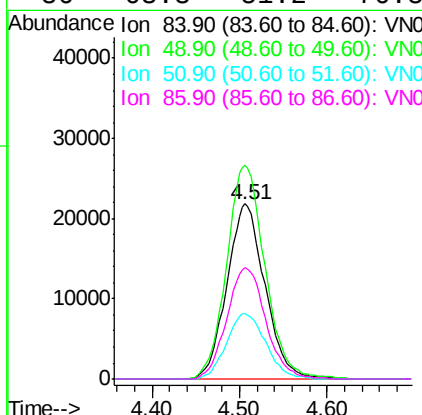
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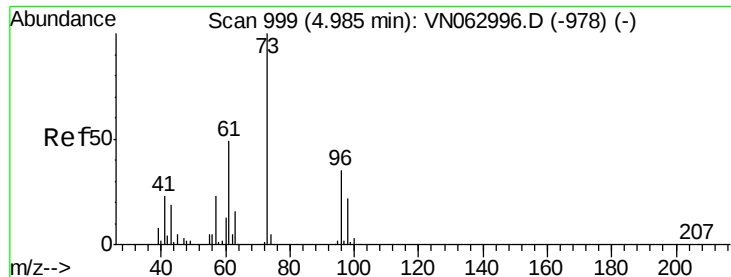
MMDadoda
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#20
Methylene Chloride
Concen: 27.952 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 84 Resp: 65736
Ion Ratio Lower Upper
84 100
49 121.9 98.7 148.1
51 37.6 30.8 46.2
86 63.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.608 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

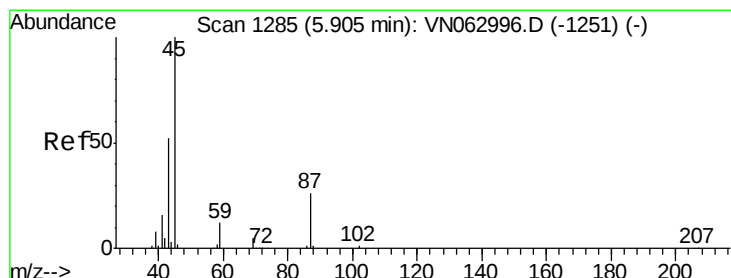
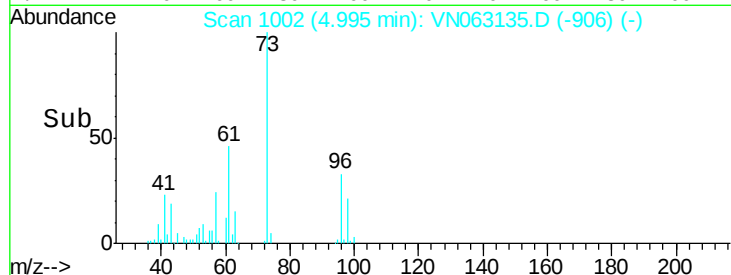
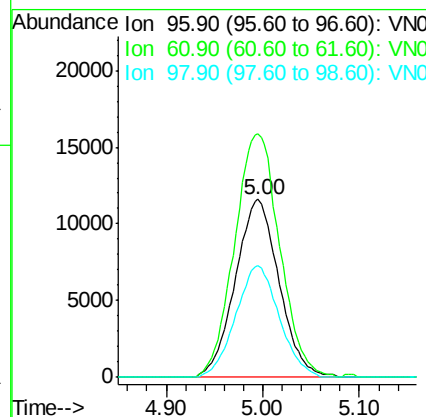
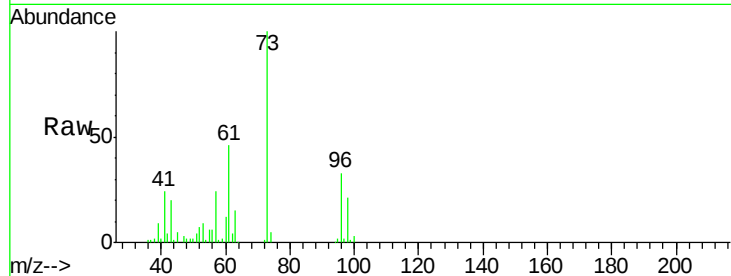
ClientSampleId :

VN0826MBS01

Tot Ion:	96	Resp:	36435
Ion	Ratio	Lower	Upper
96	100		
61	136.8	112.5	168.7
98	62.8	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.970 ug/l

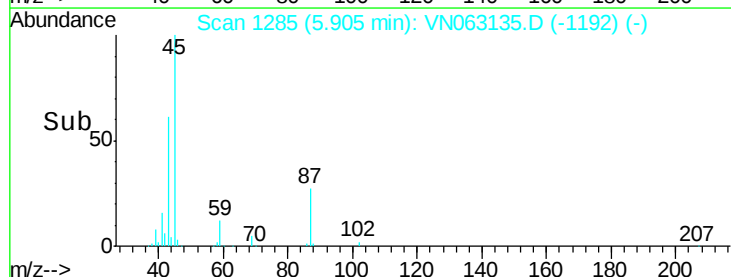
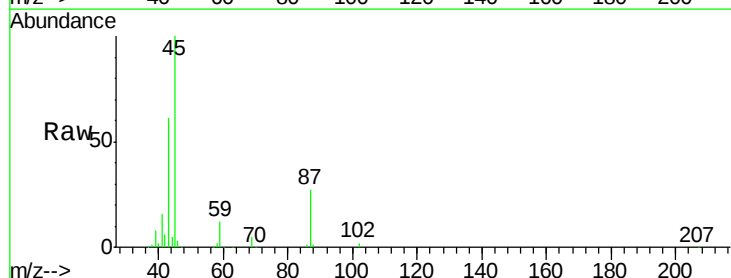
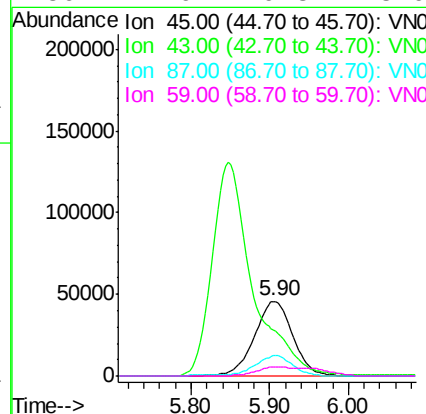
RT: 5.90 min Scan# 1285

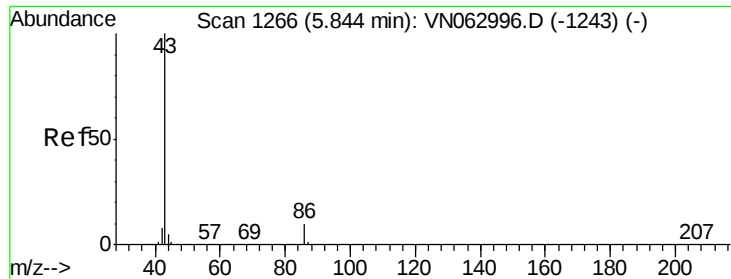
Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion:	45	Resp:	156981
Ion	Ratio	Lower	Upper
45	100		
43	59.2	45.7	68.5
87	26.6	21.8	32.6
59	11.9	9.3	13.9





#23

Vinyl Acetate

Concen: 92.343 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

VN0826MBS01

Tot Ion: 43 Resp: 466489

Ion Ratio Lower Upper

43 100

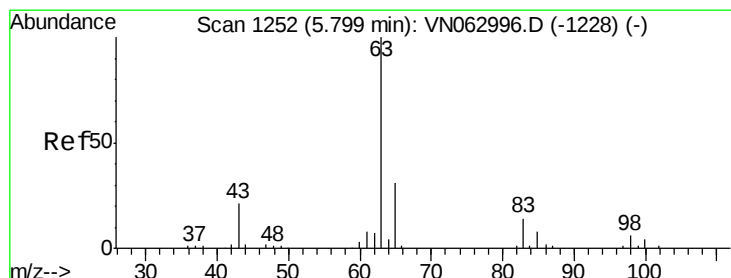
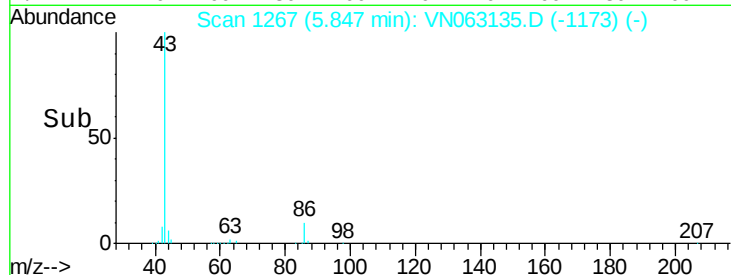
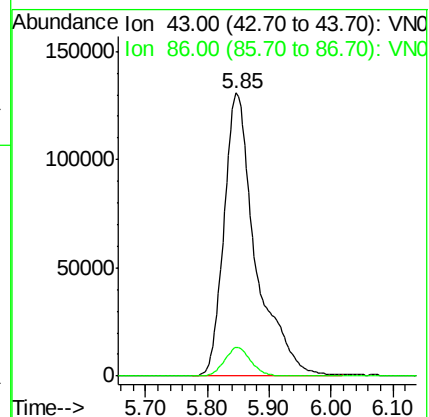
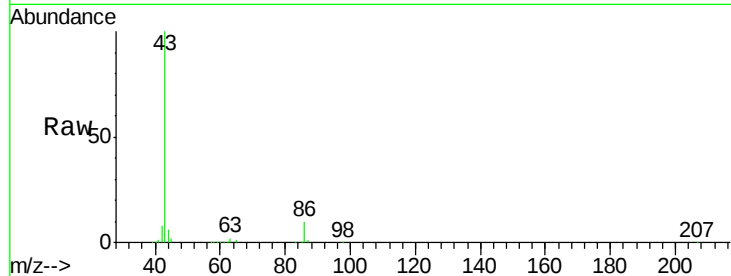
86 10.3 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.510 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

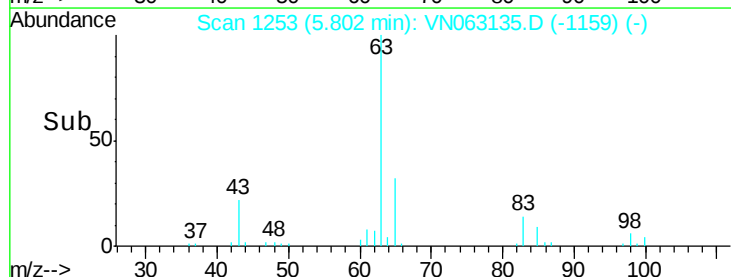
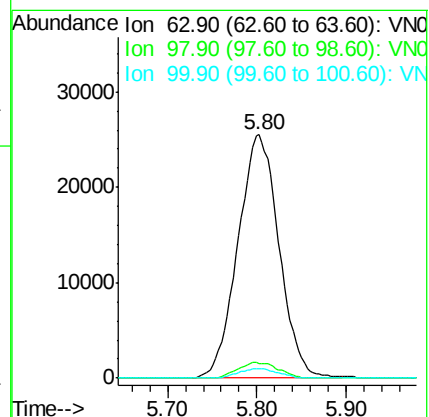
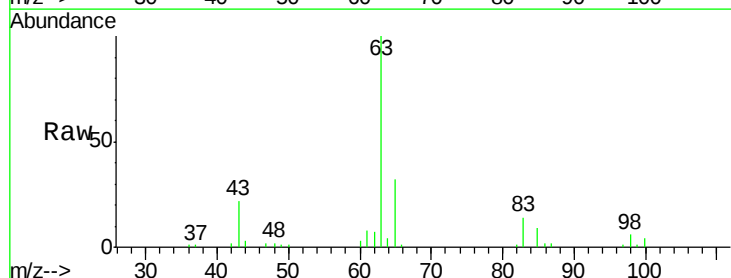
Tgt Ion: 63 Resp: 81617

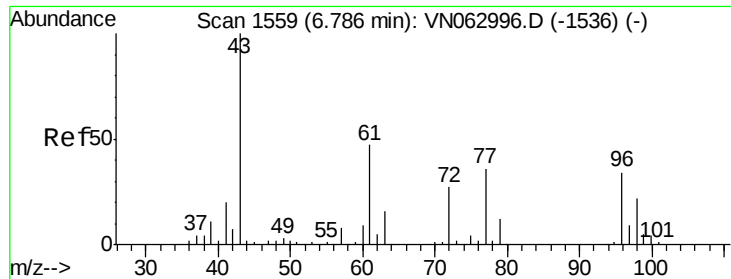
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.7

100 3.8 2.0 5.8





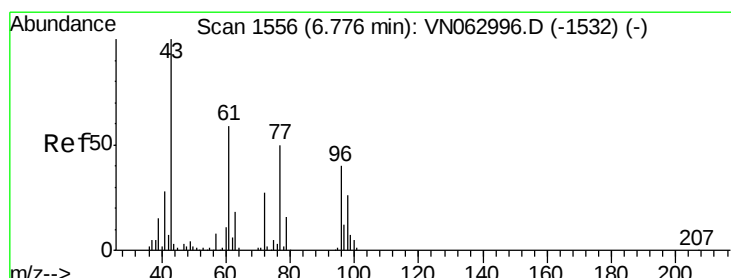
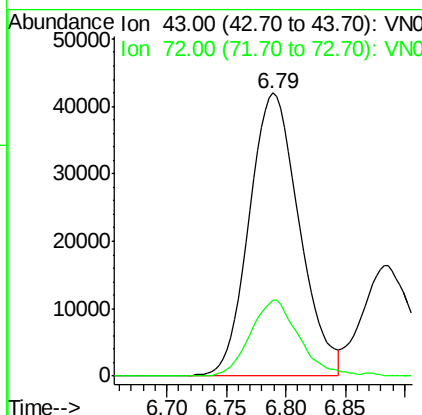
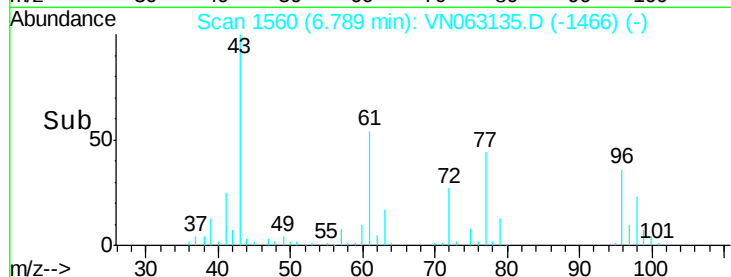
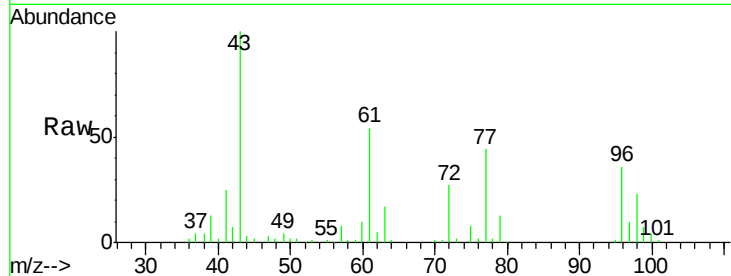
#25
2-Butanone
Concen: 88.279 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion: 43 Resp: 122436
Ion Ratio Lower Upper
43 100
72 26.8 21.8 32.6

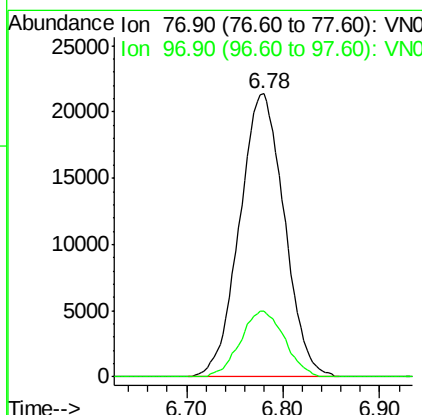
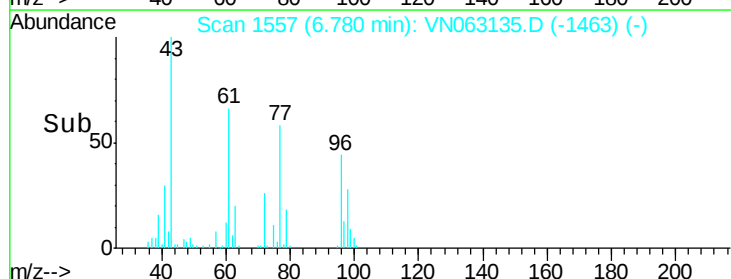
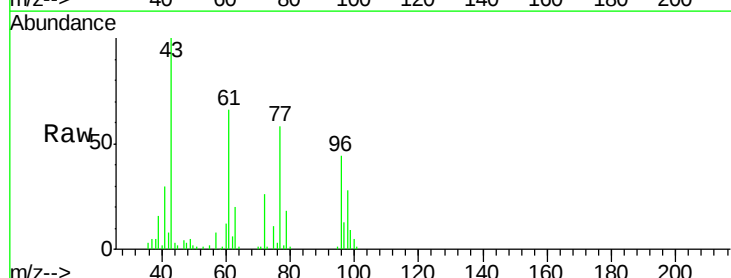
Manual Integrations
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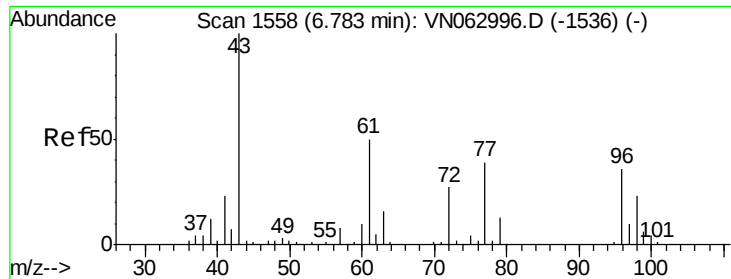
MMDadoda
8/27/2020 1:28:21 PM



#26
2,2-Dichloropropane
Concen: 20.864 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 77 Resp: 68640
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.040 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

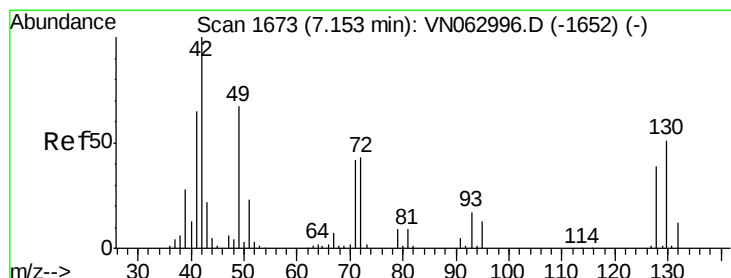
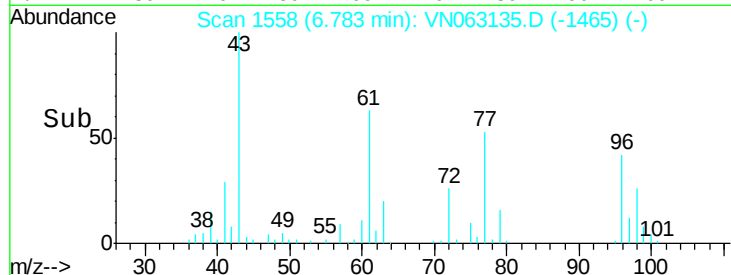
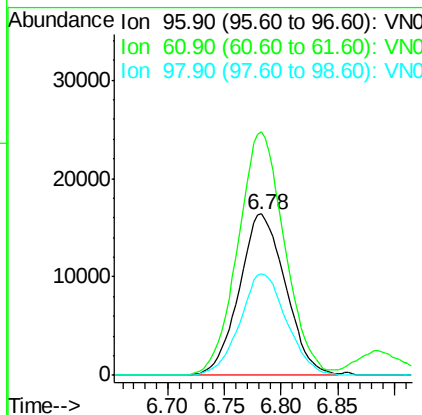
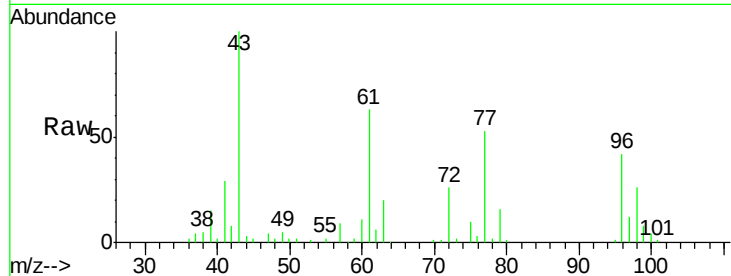
ClientSampleId :

VN0826MBS01

Tot Ion:	96	Resp:	46729
Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	292.8
98	63.5	0.0	130.6

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#28

Bromochloromethane

Concen: 21.764 ug/l

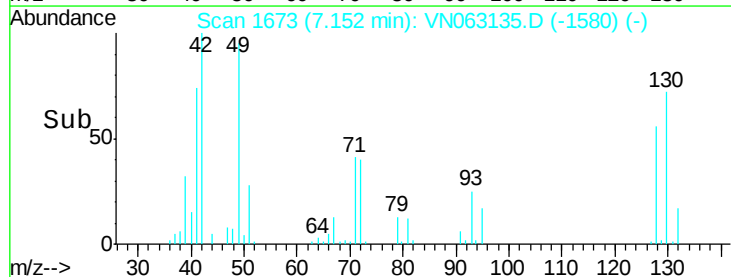
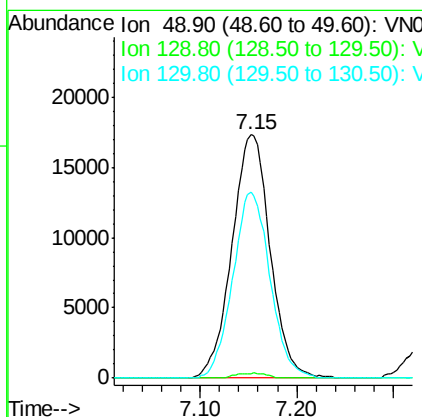
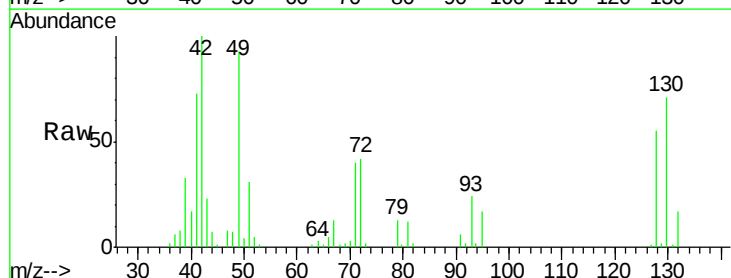
RT: 7.15 min Scan# 1673

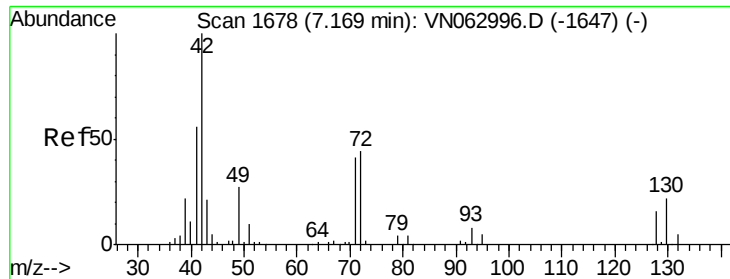
Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion:	49	Resp:	47637
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	74.2	61.1	91.7





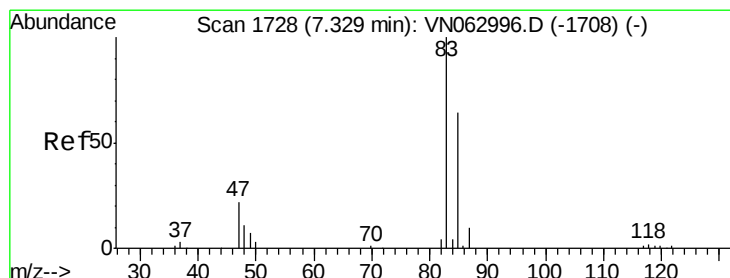
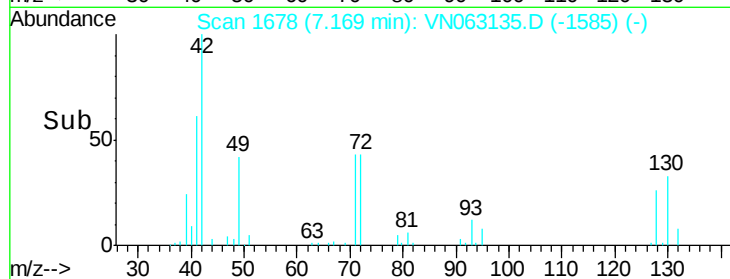
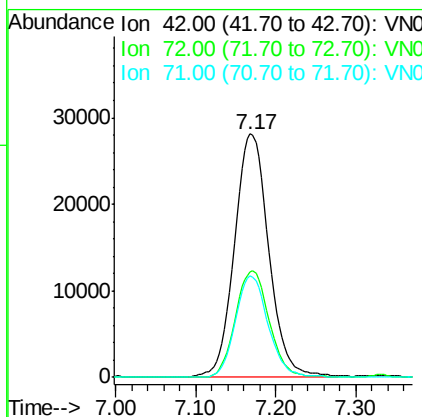
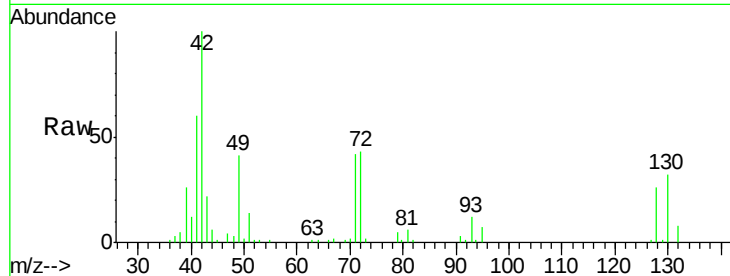
#29
Tetrahydrofuran
Concen: 91.605 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.6	52.0
71	39.4	32.3	48.5

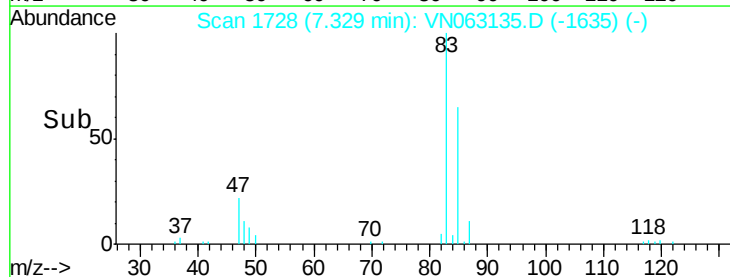
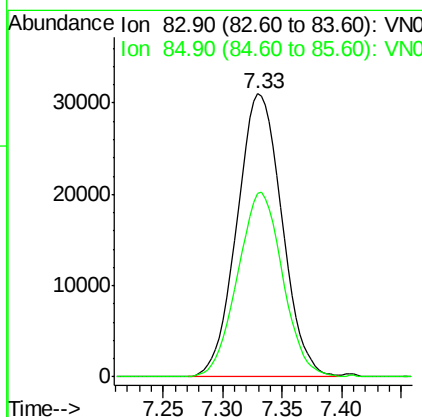
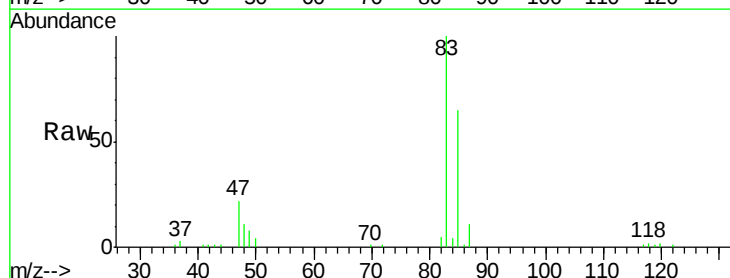
Manual Integrations
APPROVED

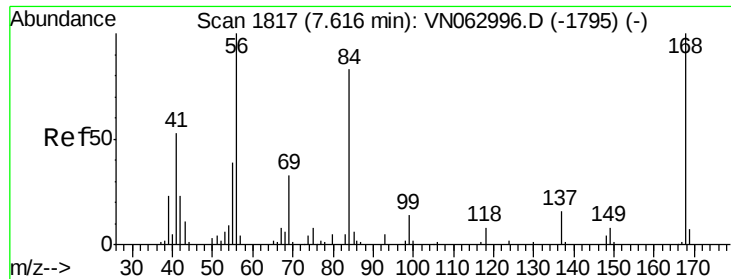
MMDadoda
8/27/2020 1:28:21 PM



#30
Chloroform
Concen: 19.313 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.5	77.3





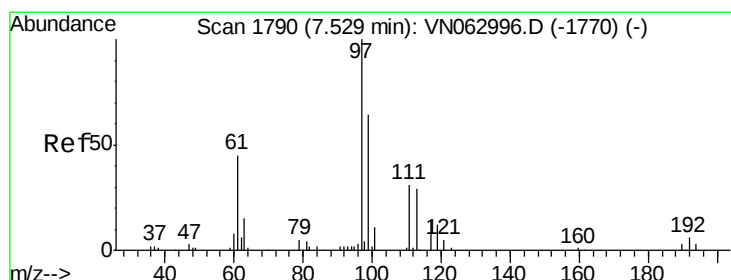
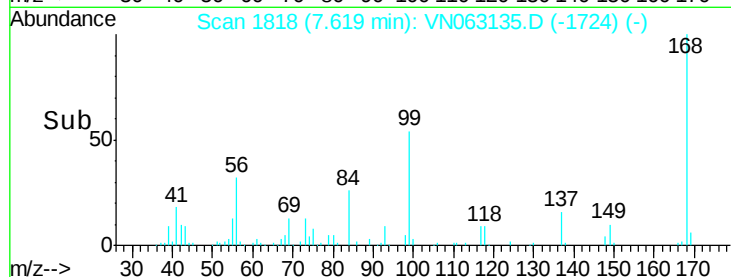
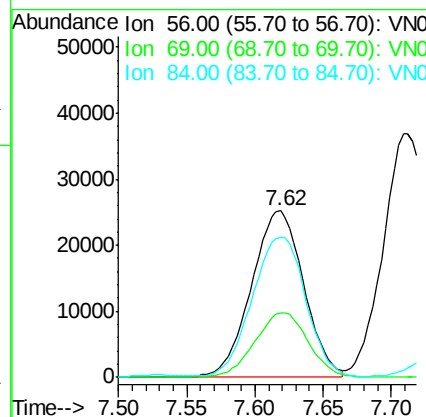
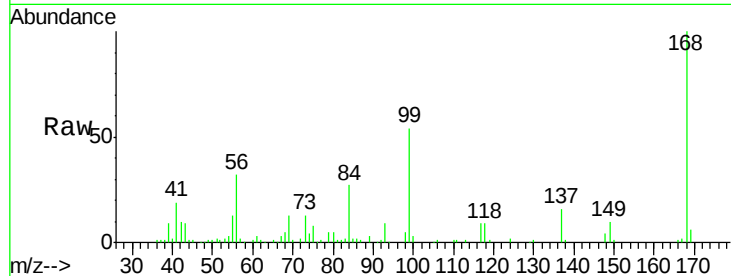
#31
Cyclohexane
Concen: 17.429 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.6	26.6	40.0
84	83.8	66.4	99.6

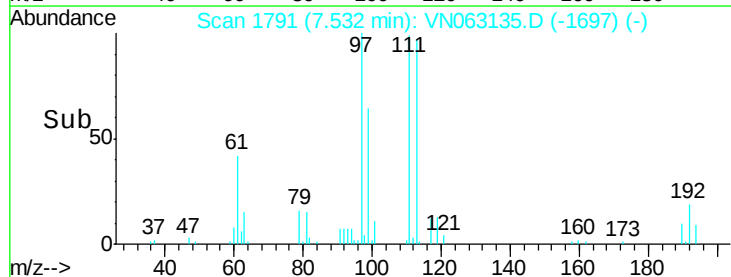
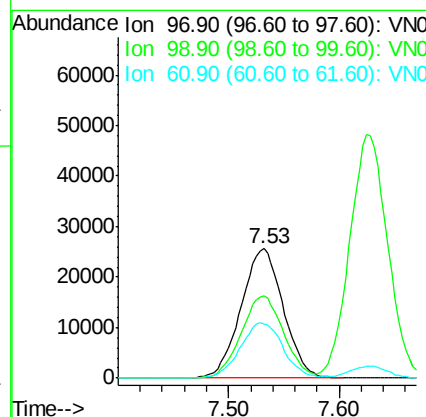
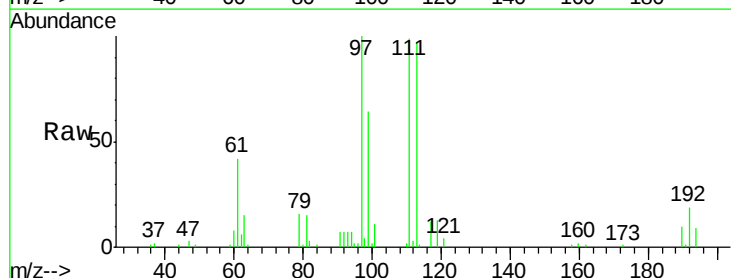
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 19.765 ug/l
RT: 7.53 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.0	78.0
61	43.4	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 53.236 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion: 65 Resp: 139073

Ion Ratio Lower Upper

65 100

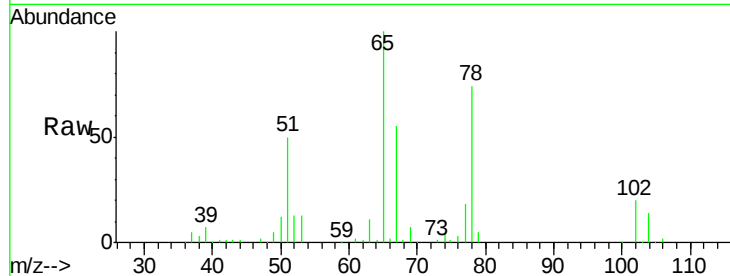
67 54.4 0.0 112.0

Manual Integrations

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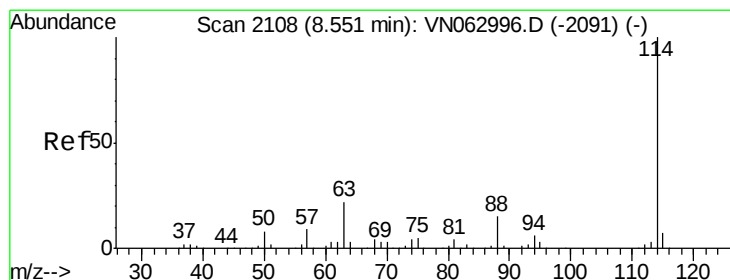
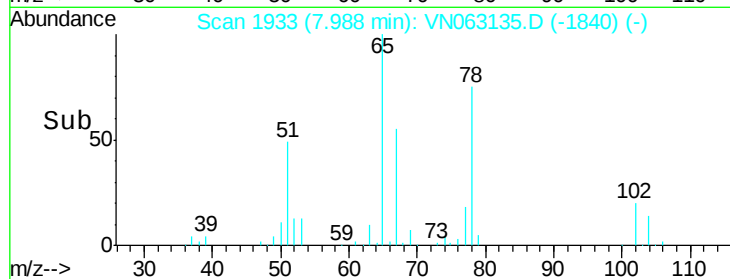
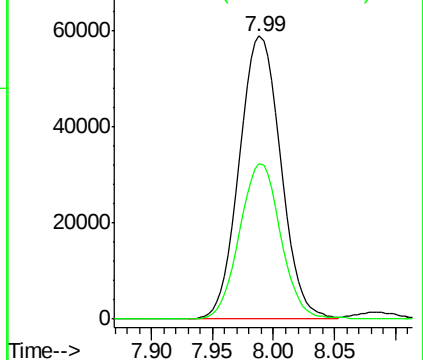
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VN062996.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062996.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

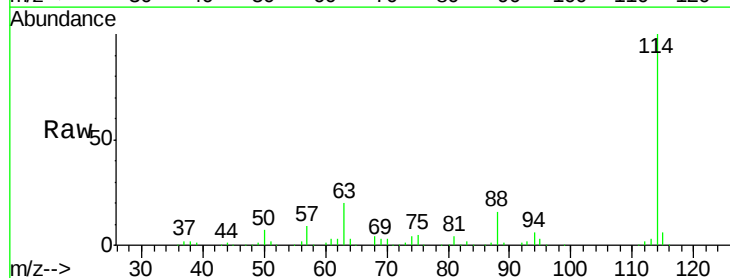
Tgt Ion: 114 Resp: 334906

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

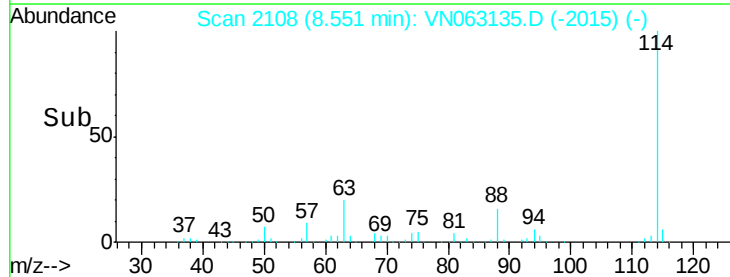
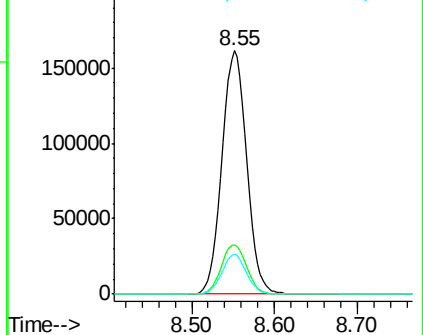
88 16.5 0.0 30.6

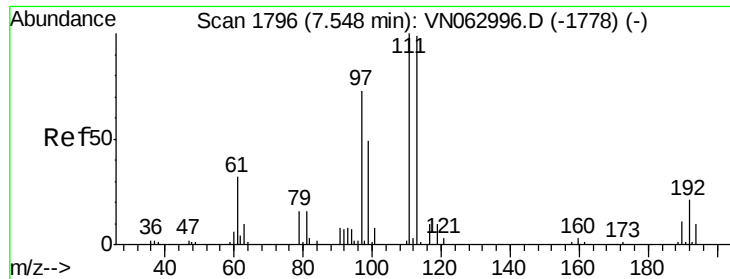


Abundance Ion 113.90 (113.60 to 114.60): VN062996.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062996.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062996.D (-2091) (-)





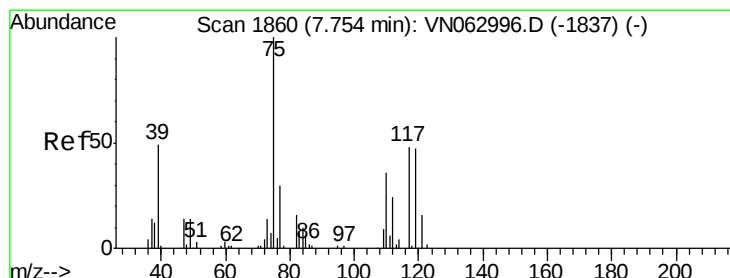
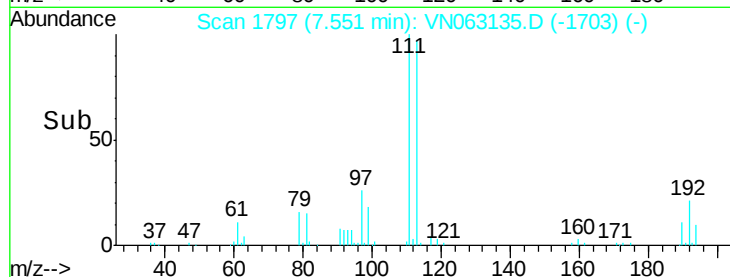
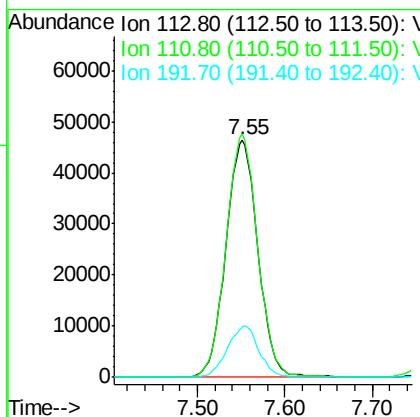
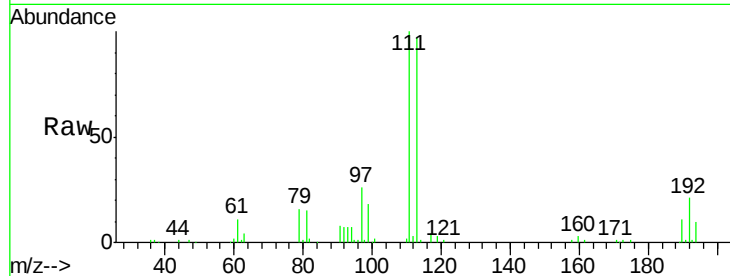
#35
 Dibromofluoromethane
 Concen: 54.100 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.3	81.7	122.5	
192	21.2	17.5	26.3	

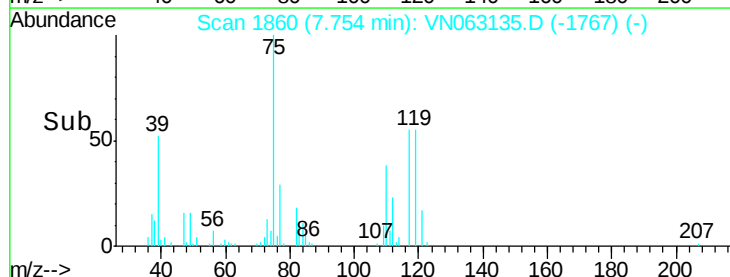
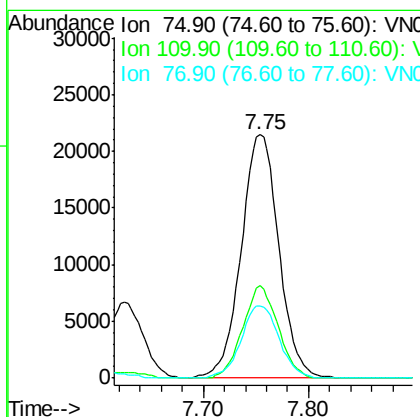
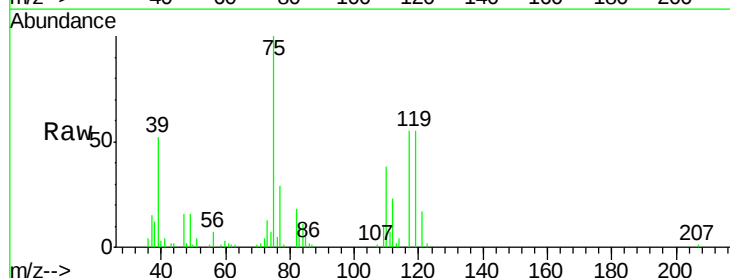
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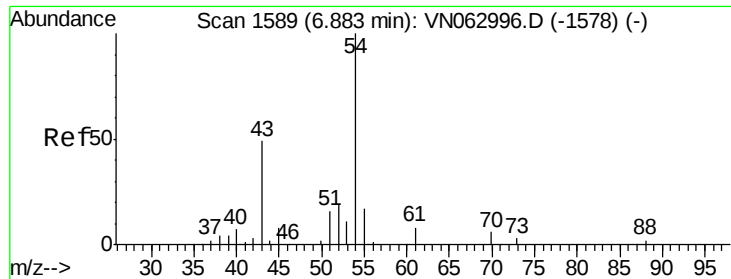
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#36
 1,1-Dichloropropene
 Concen: 18.077 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.5	17.5	52.6	
77	29.8	24.2	36.4	





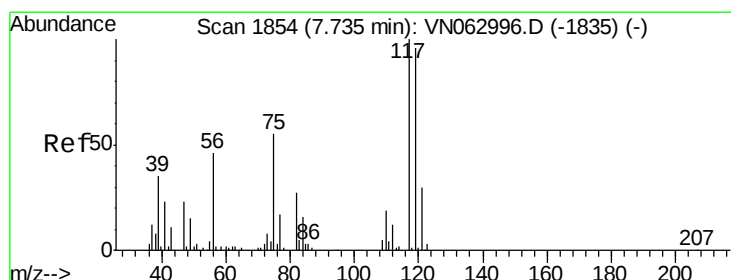
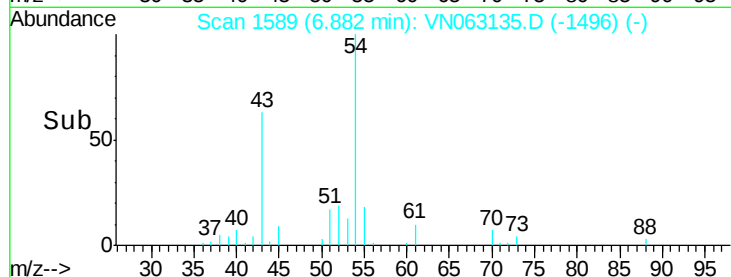
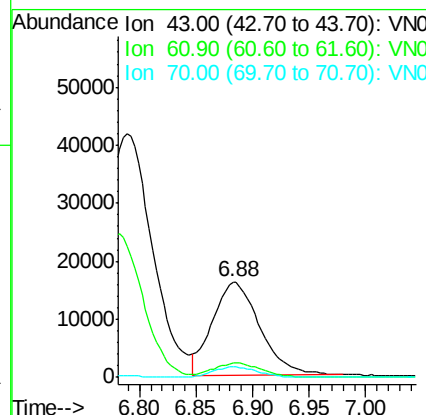
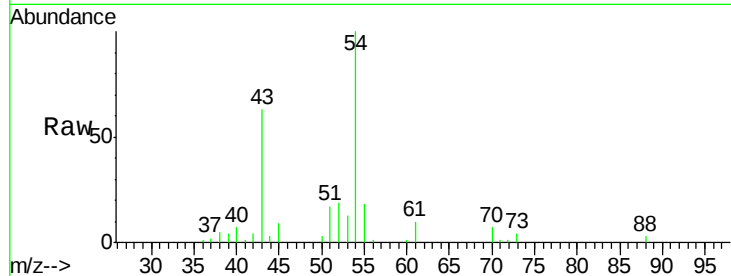
#37
Ethyl Acetate
Concen: 17.021 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion	43	61	70
Ion	43	61	70
Ratio	100	15.4	10.3
Lower		11.8	8.2
Upper		17.8	12.2

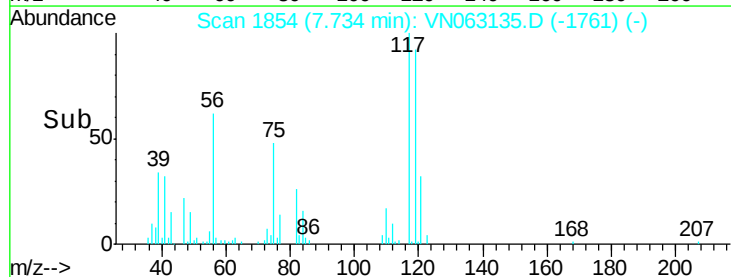
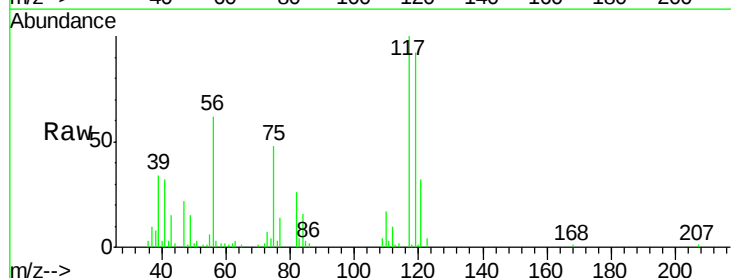
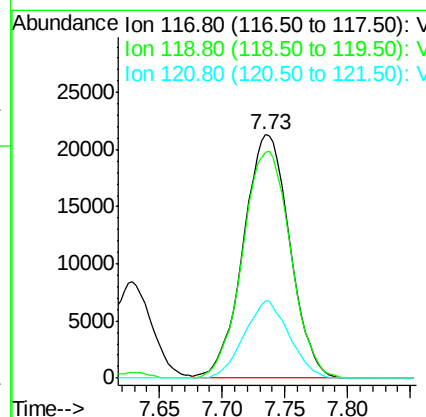
Manual Integrations
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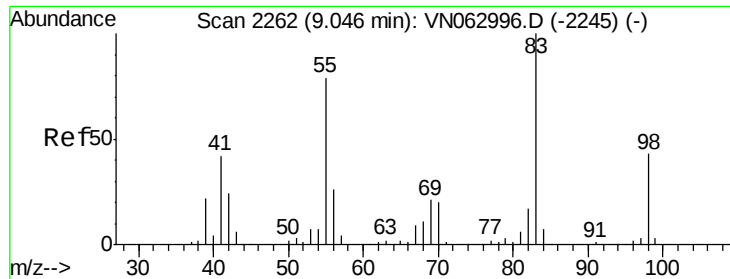
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#38
Carbon Tetrachloride
Concen: 18.416 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	117	119	121
Ion	117	119	121
Ratio	100	92.5	32.0
Lower		76.2	24.2
Upper		114.4	36.2





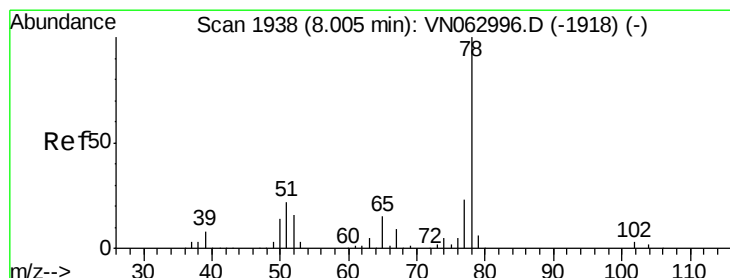
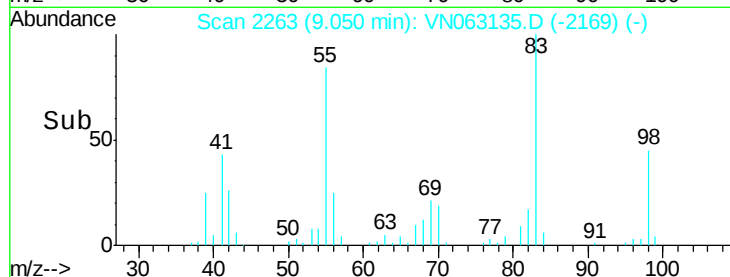
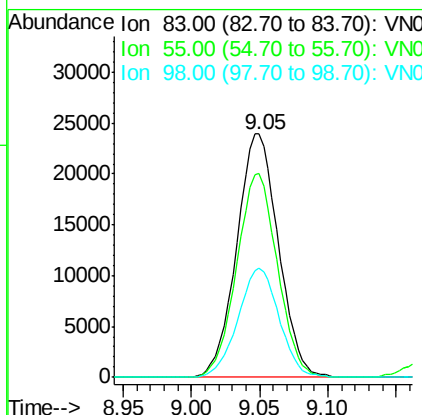
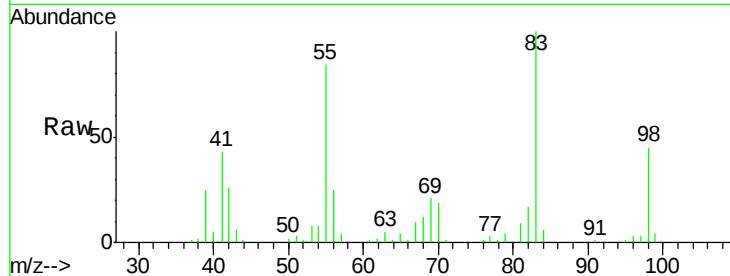
#39
Methvlcvclohexane
Concen: 13.898 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion	83	Resp	50740
Ion Ratio	Lower	Upper	
83	100		
55	83.6	63.3	94.9
98	44.8	34.2	51.4

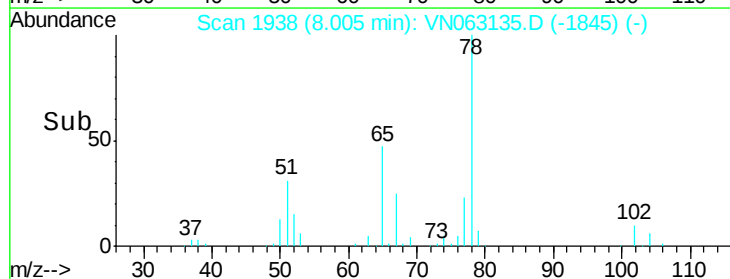
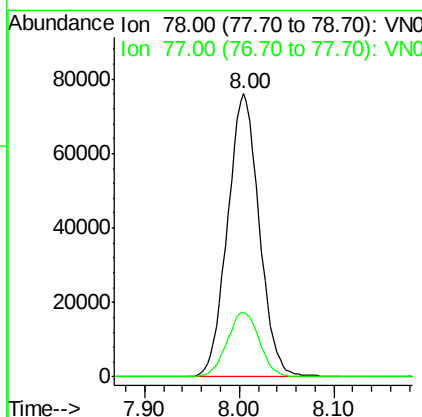
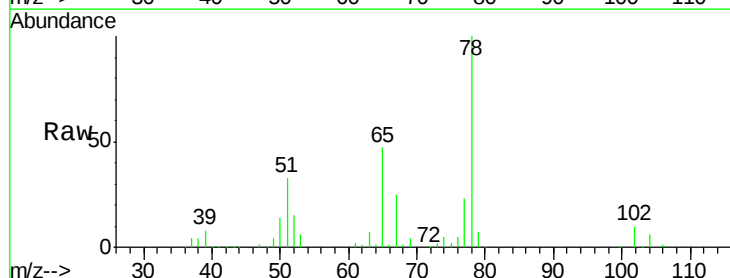
Manual Integrations
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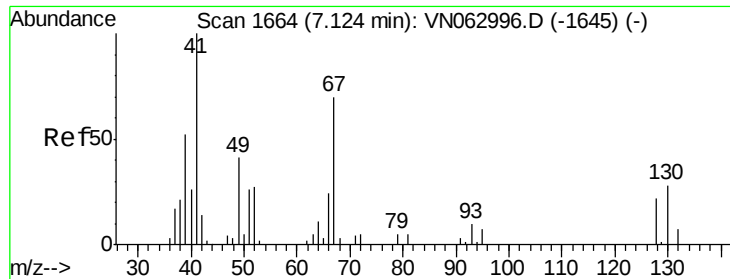
MMDadoda
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#40
Benzene
Concen: 18.944 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	78	Resp	177328
Ion Ratio	Lower	Upper	
78	100		
77	22.8	18.8	28.2





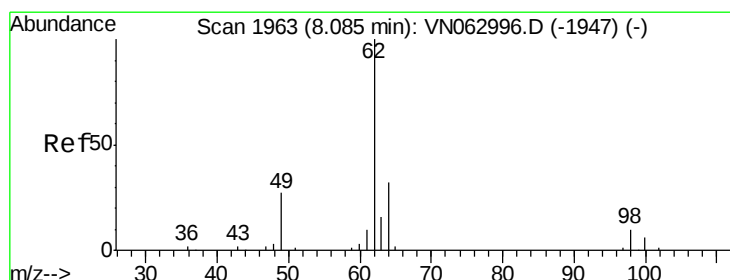
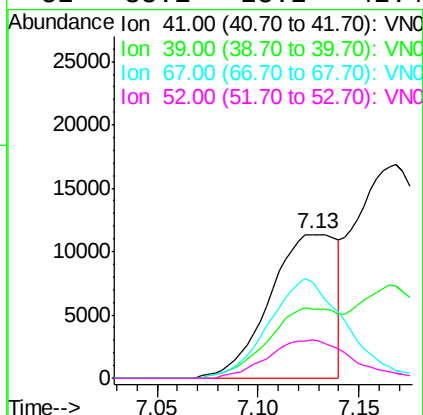
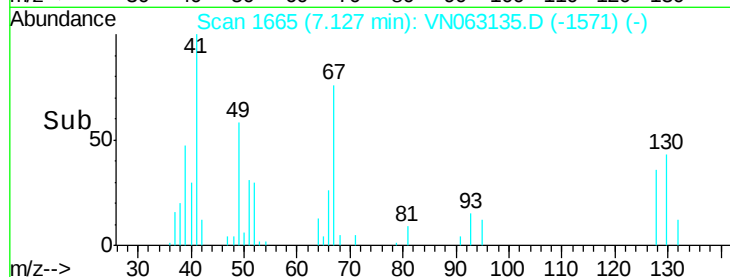
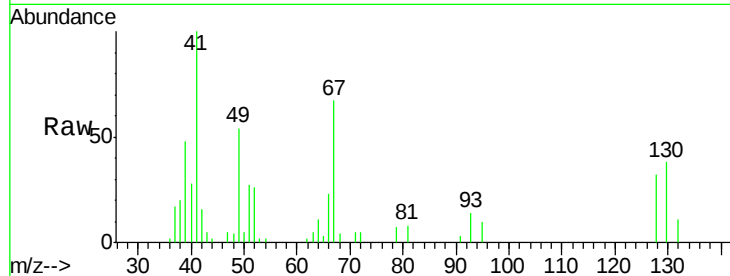
#41
Methacrylonitrile
Concen: 19.852 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampled :
VN0826MBS01

Tot Ion	41.00	Resp	26157
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.6	62.4
67	80.0	71.8	107.8
52	33.1	28.2	42.4

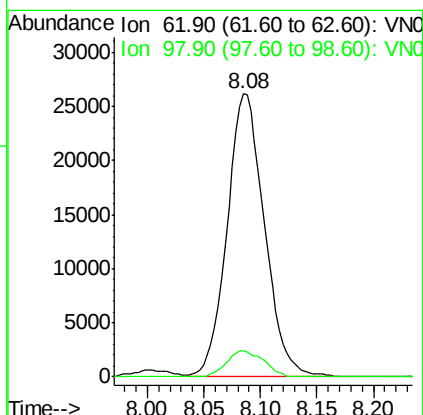
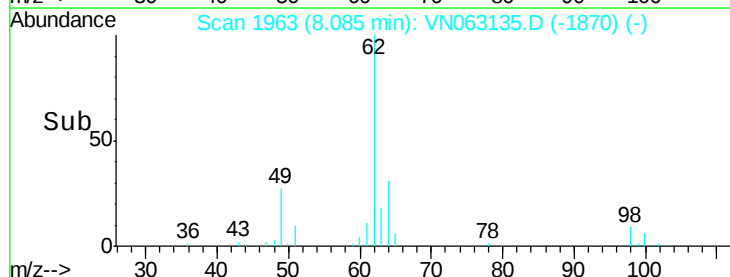
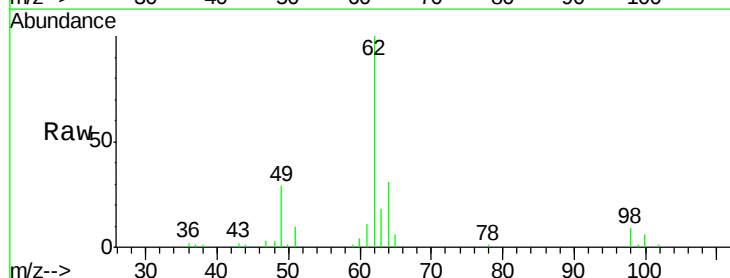
Manual Integrations
APPROVED

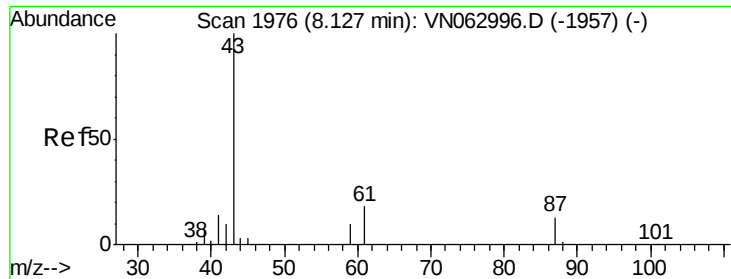
MMDadoda
8/27/2020 1:28:21 PM



#42
1,2-Dichloroethane
Concen: 19.124 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	62	Resp	60109
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





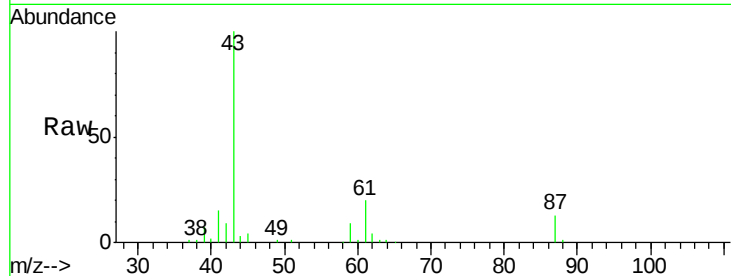
#43
Isopropyl Acetate
Concen: 18.612 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

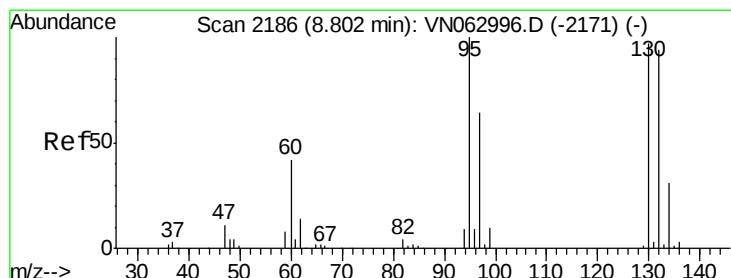
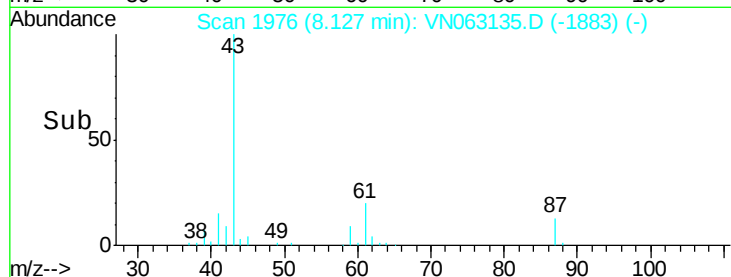
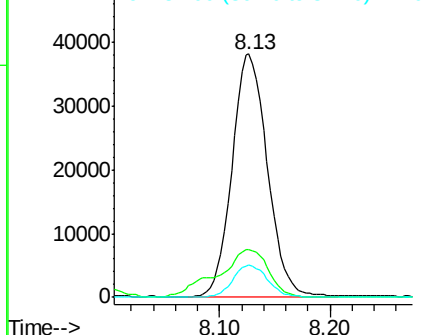
Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	22.6	33.8
87	12.9	10.5	15.7

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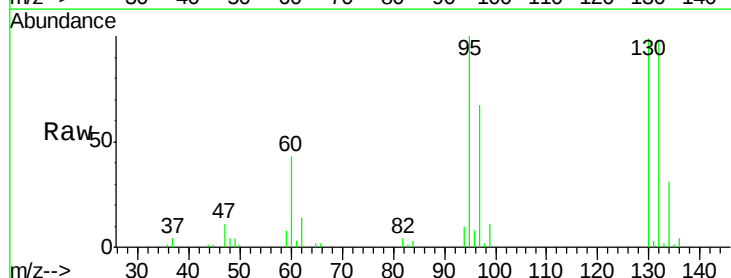


Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

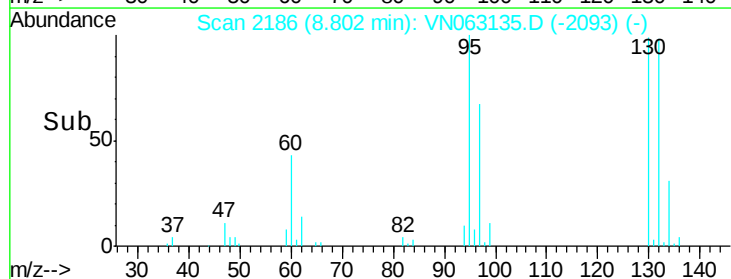
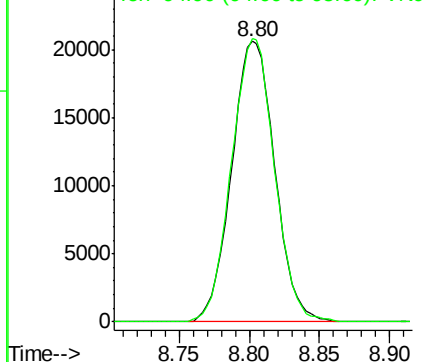


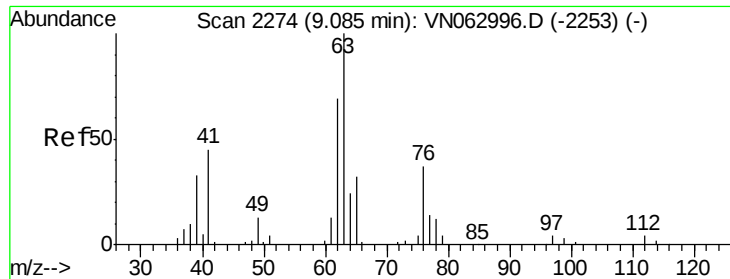
#44
Trichloroethene
Concen: 18.912 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)





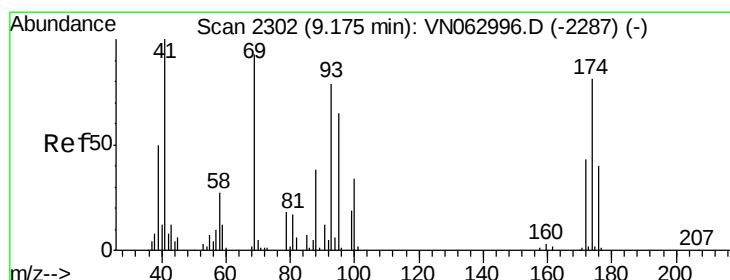
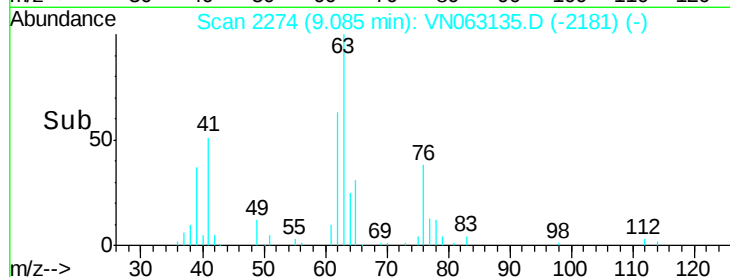
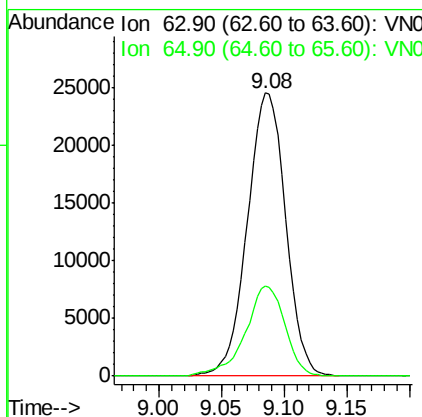
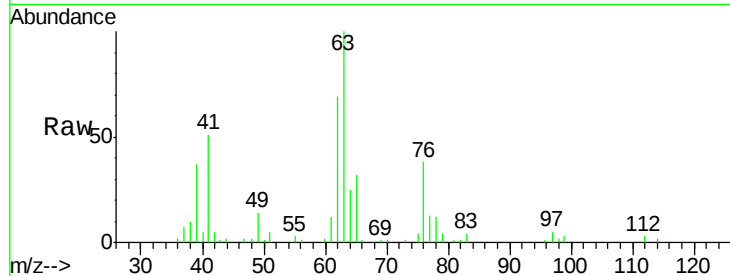
#45
 1,2-Dichloropropane
 Concen: 19.311 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0826MBS01

Tot Ion: 63 Resp: 52252
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.6 38.4

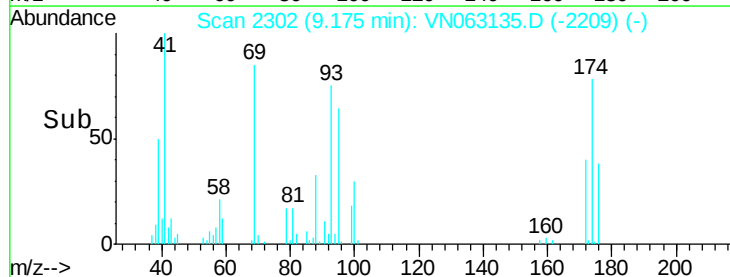
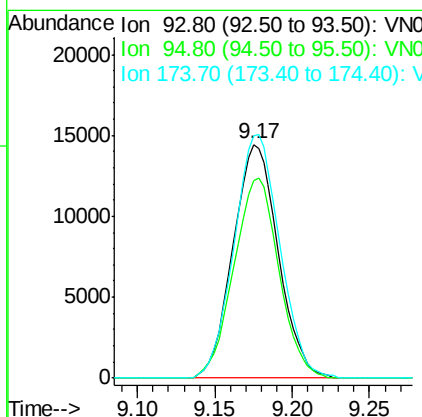
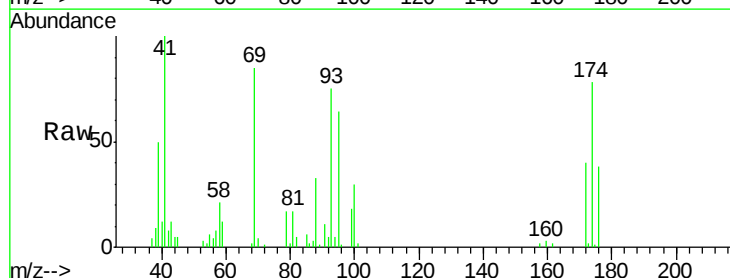
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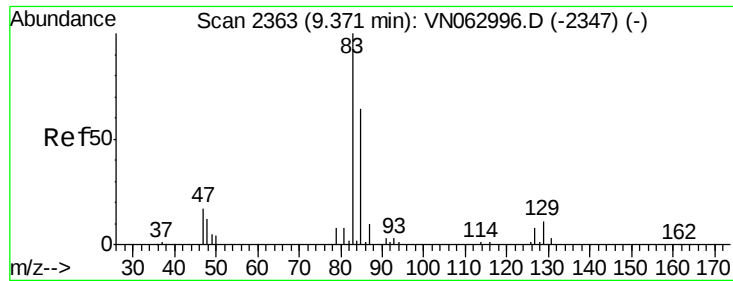
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#46
 Dibromomethane
 Concen: 18.755 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion: 93 Resp: 29316
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.2 99.4
 174 105.5 84.6 127.0





#47

Bromodichloromethane

Concen: 19.223 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

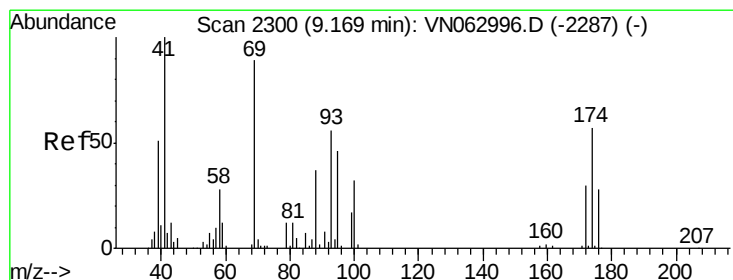
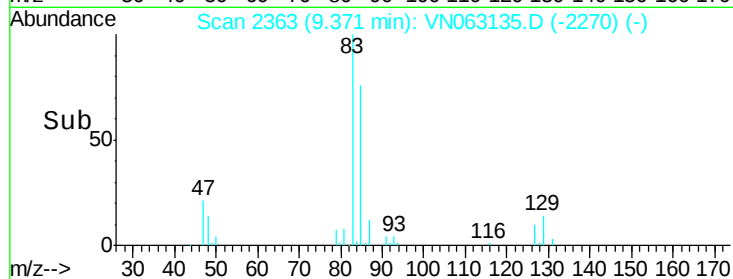
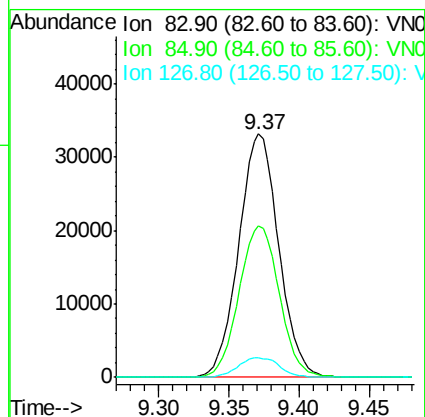
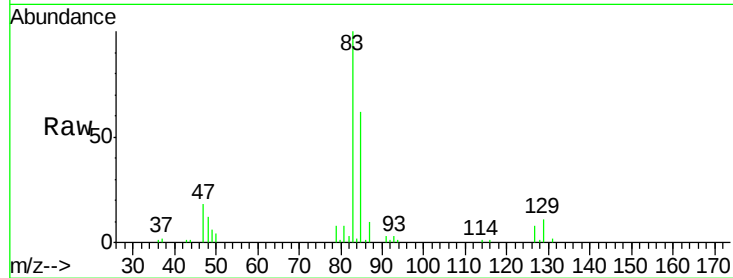
ClientSampleId :

VN0826MBS01

Tot Ion:	83	Resp:	65812
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.1	76.7
127	7.9	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.584 ug/l

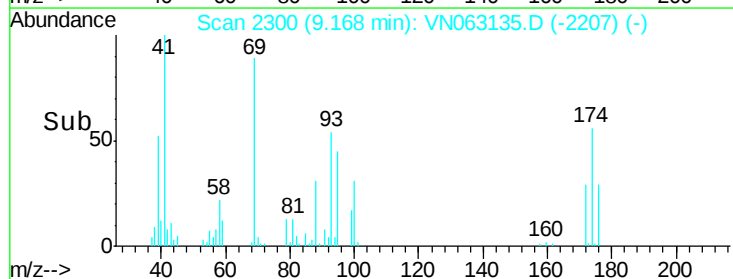
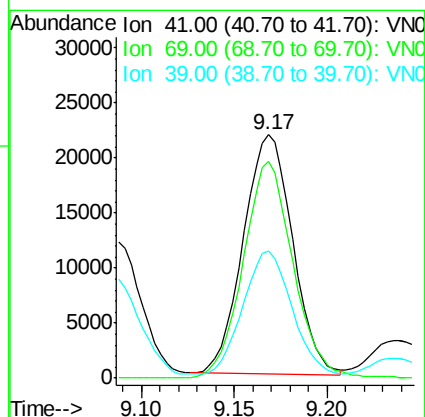
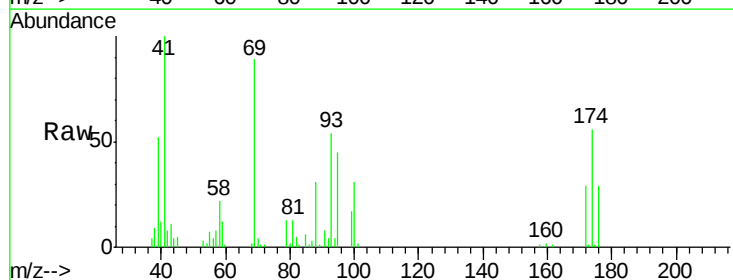
RT: 9.17 min Scan# 2300

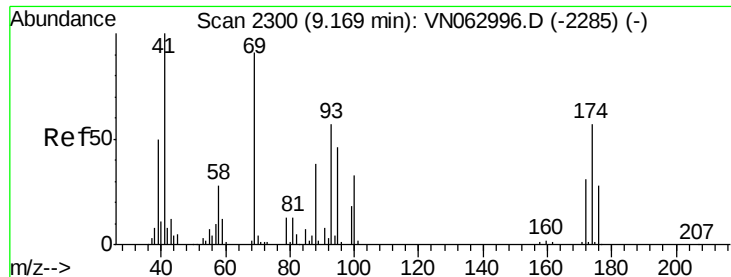
Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion:	41	Resp:	40285
Ion	Ratio	Lower	Upper
41	100		
69	90.9	74.2	111.4
39	54.7	42.5	63.7





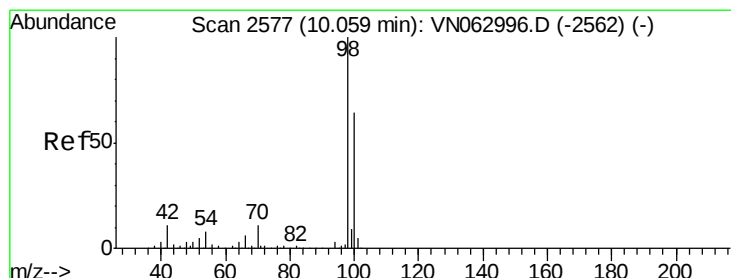
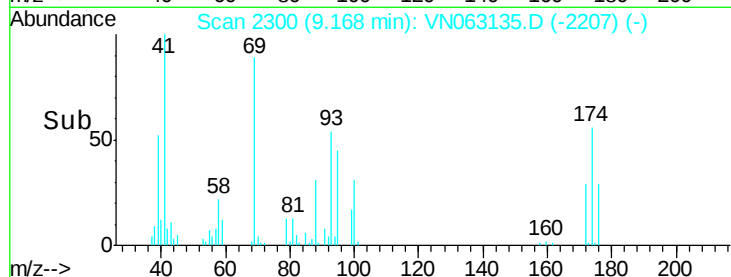
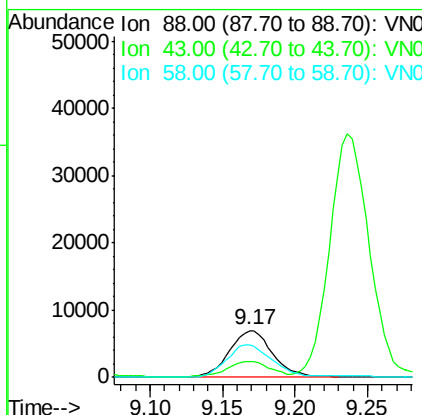
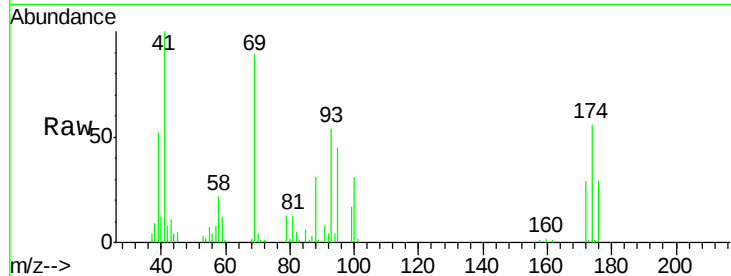
#49
1,4-Dioxane
Concen: 314.531 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion	88	Resp	14496
Ion Ratio	Lower	Upper	
88	100		
43	35.0	25.2	37.8
58	72.6	56.7	85.1

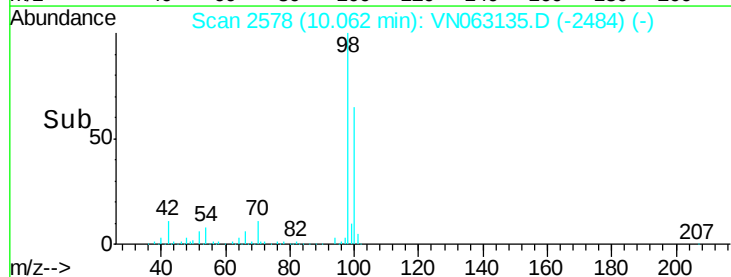
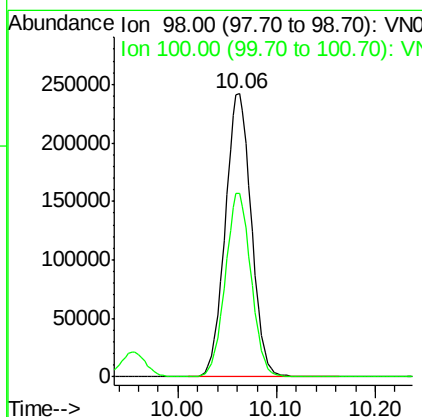
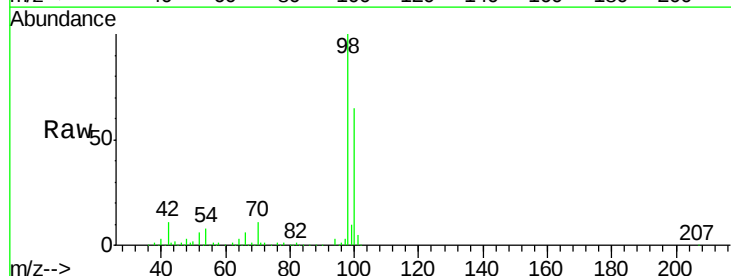
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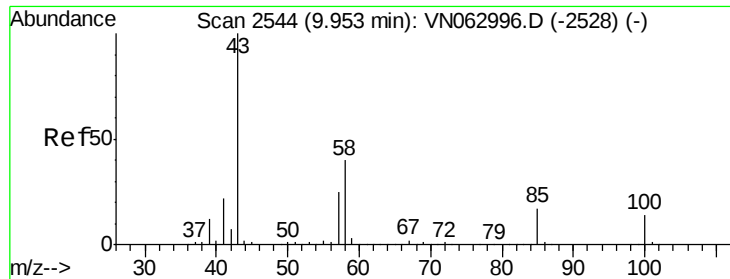
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#50
Toluene-d8
Concen: 53.514 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	98	Resp	448559
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 92.687 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion: 43 Resp: 268416

Ion Ratio Lower Upper

43 100

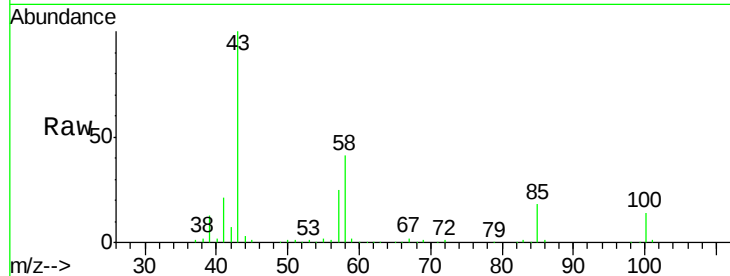
58 40.2 32.2 48.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

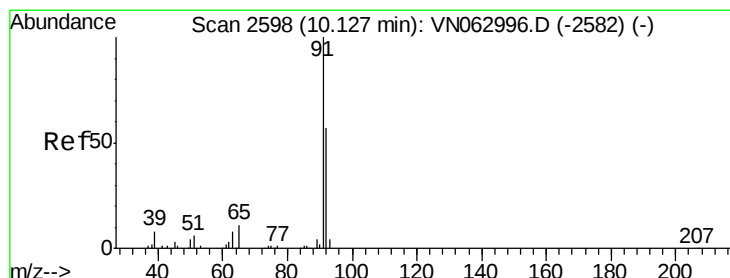
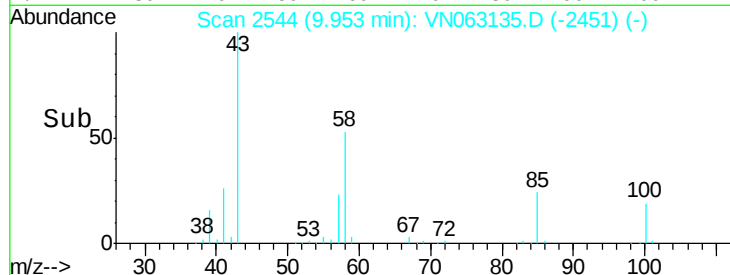
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 19.260 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN063135.D

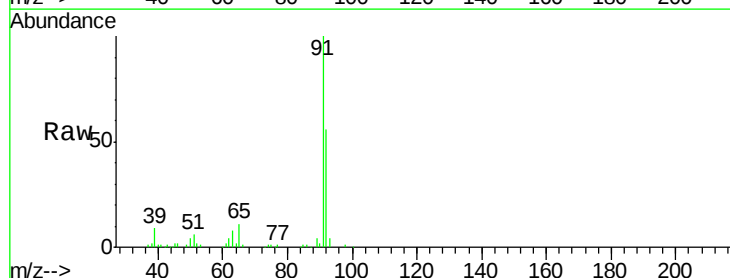
Acq: 26 Aug 2020 16:11

Tgt Ion: 92 Resp: 108758

Ion Ratio Lower Upper

92 100

91 176.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

120000

100000

80000

60000

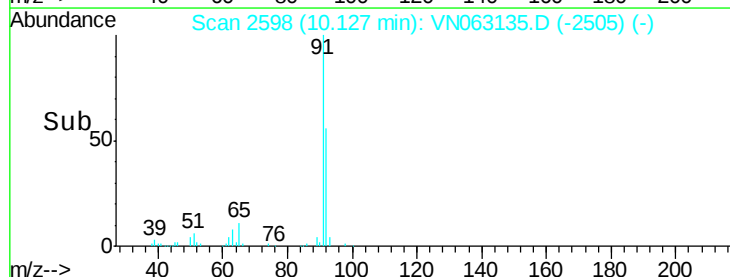
40000

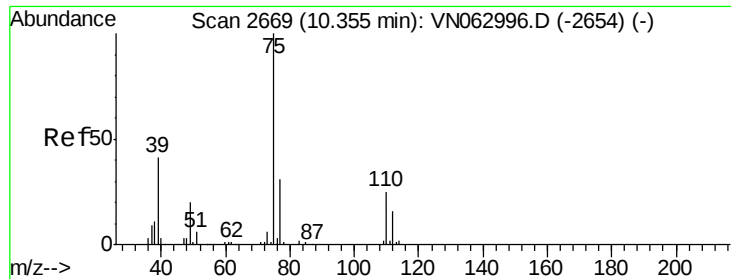
20000

0

10.05 10.10 10.13 10.15 10.20

Time-->





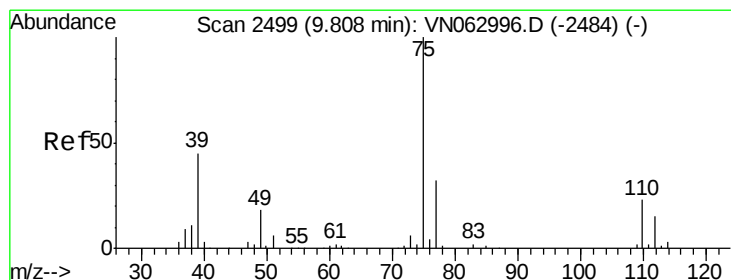
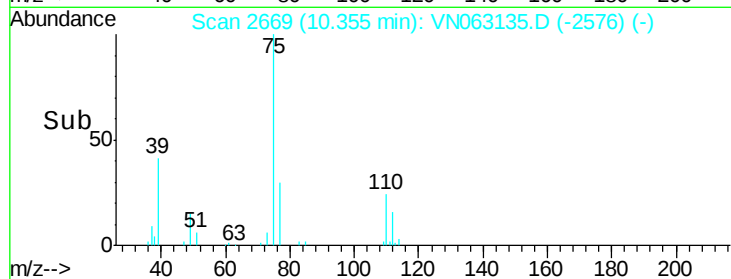
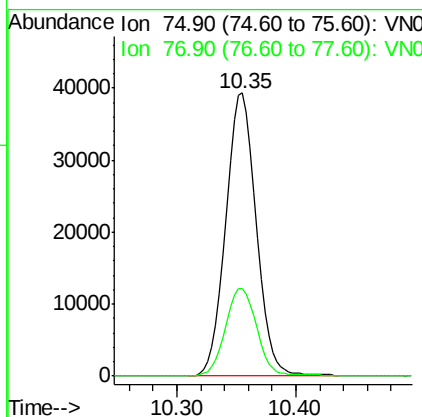
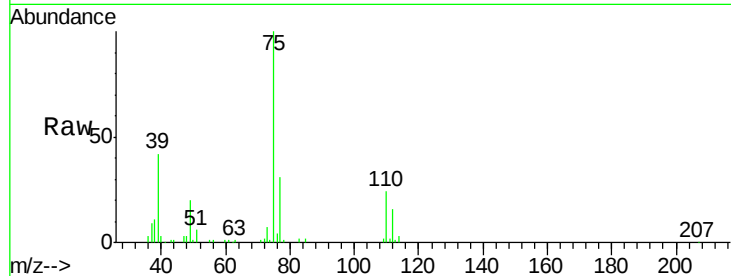
#53
 t-1,3-Dichloropropene
 Concen: 19.738 ug/l
 RT: 10.35 min Scan# 2669
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion: 75 Resp: 69879
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0

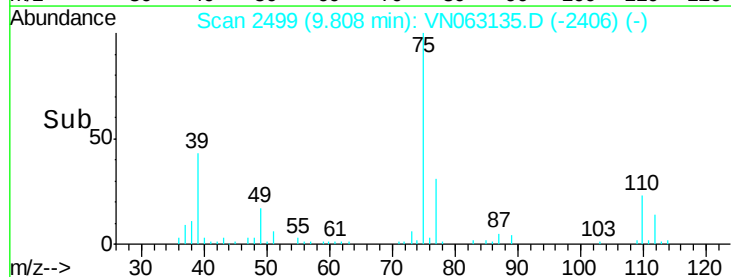
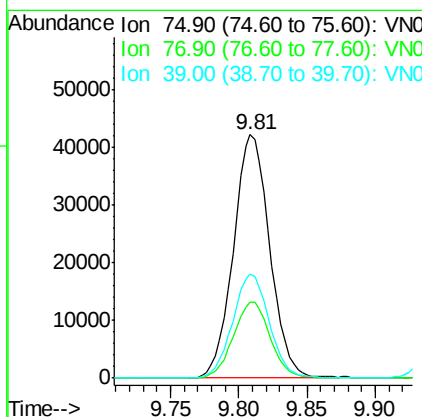
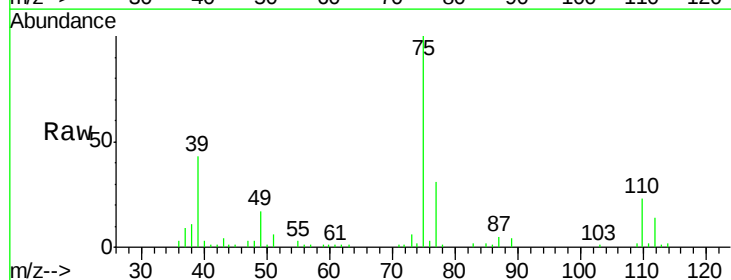
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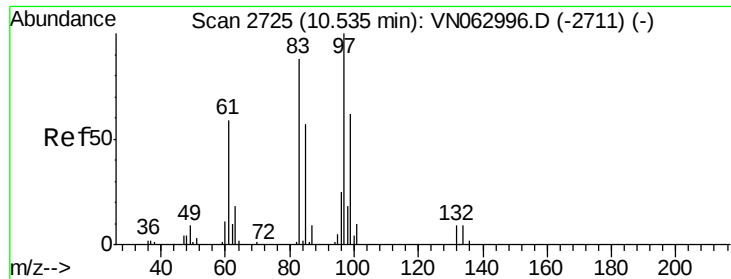
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#54
 cis-1,3-Dichloropropene
 Concen: 20.090 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion: 75 Resp: 78025
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2
 39 42.5 35.7 53.5





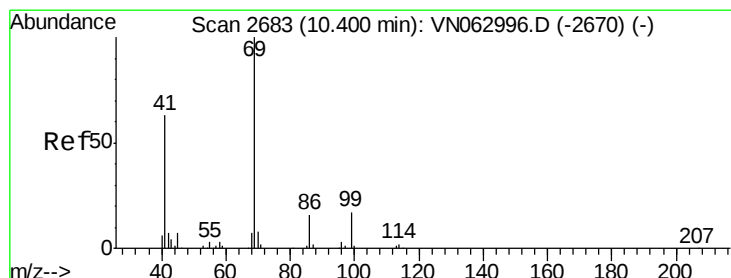
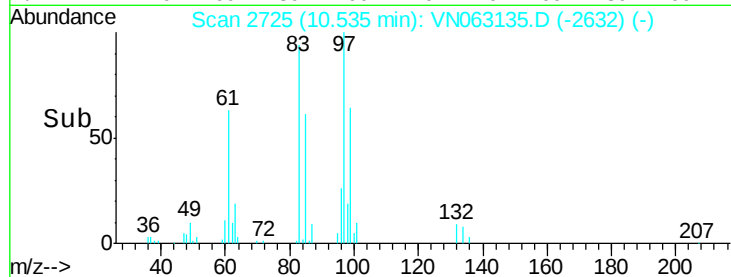
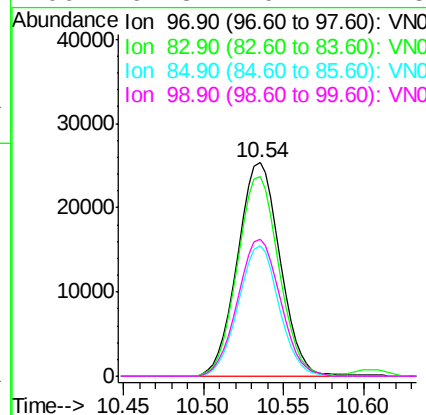
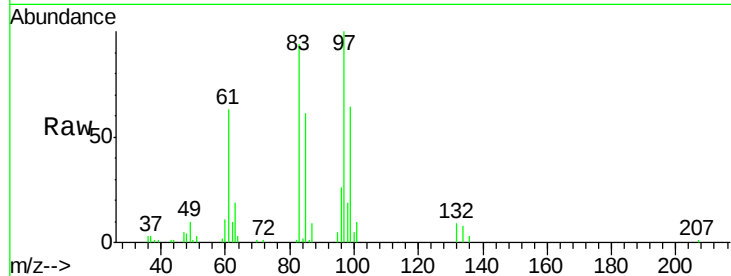
#55
 1,1,2-Trichloroethane
 Concen: 19.054 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion:	97	Resp:	46006
Ion	Ratio	Lower	Upper
97	100		
83	93.6	70.5	105.7
85	61.4	45.8	68.6
99	64.3	49.7	74.5

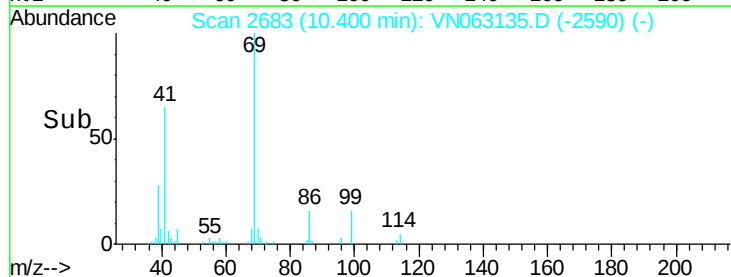
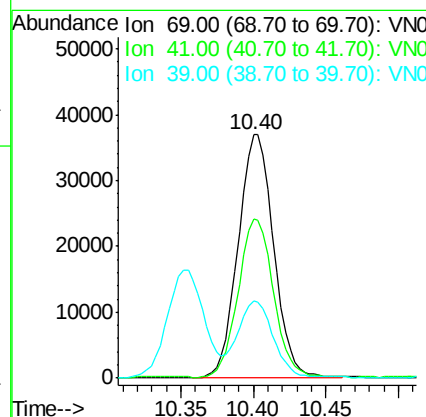
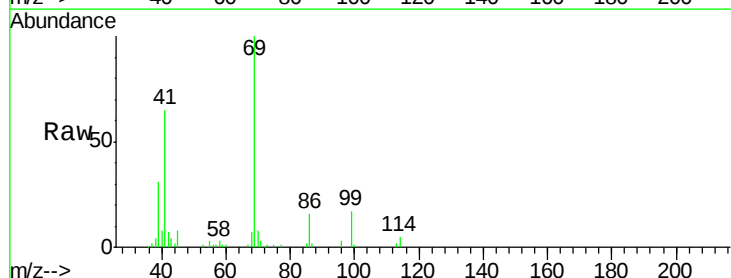
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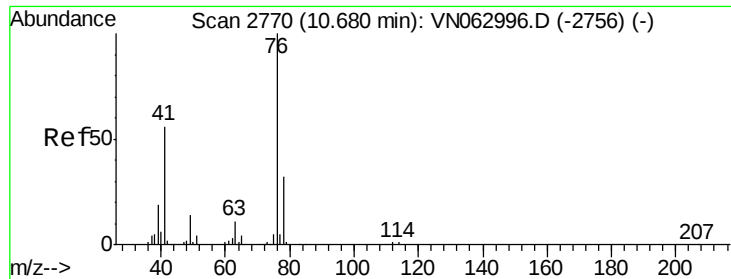
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#56
 Ethyl methacrylate
 Concen: 18.070 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion:	69	Resp:	63089
Ion	Ratio	Lower	Upper
69	100		
41	65.7	50.2	75.2
39	32.8	24.2	36.4





#57

1,3-Dichloropropane

Concen: 19.319 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion: 76 Resp: 77455

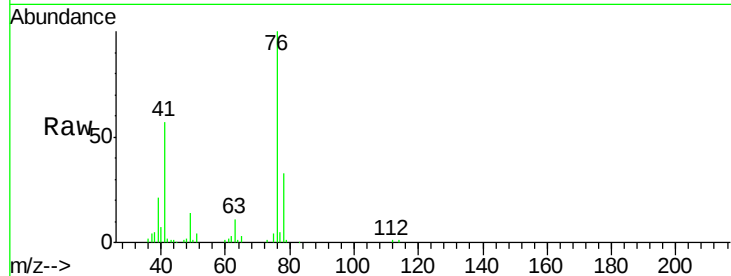
Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1

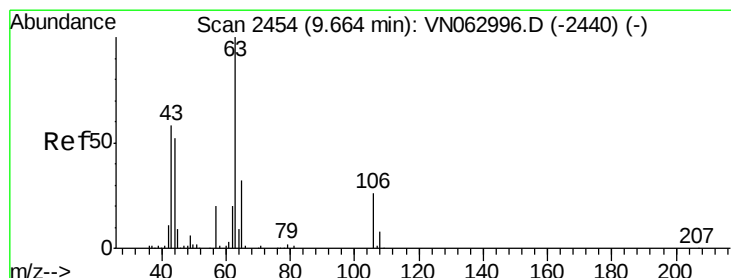
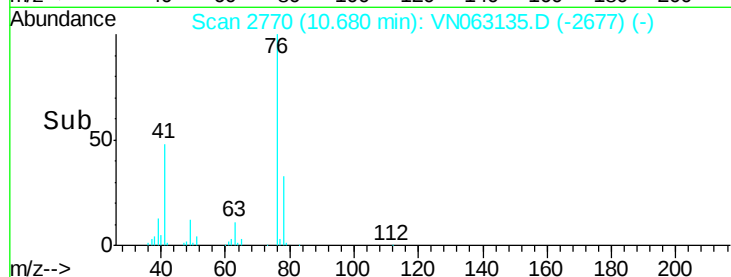
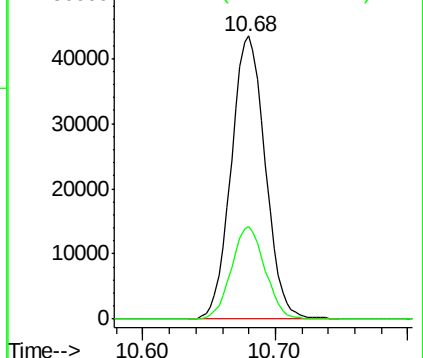
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 174.680 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063135.D

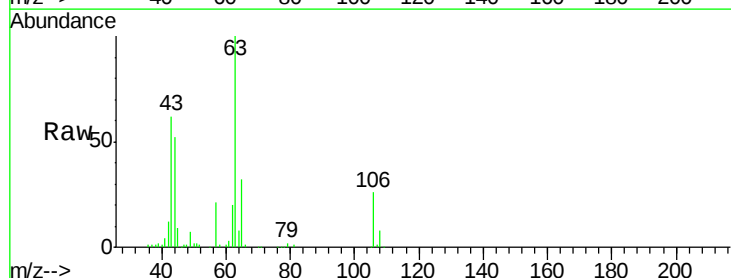
Acq: 26 Aug 2020 16:11

Tgt Ion: 63 Resp: 154862

Ion Ratio Lower Upper

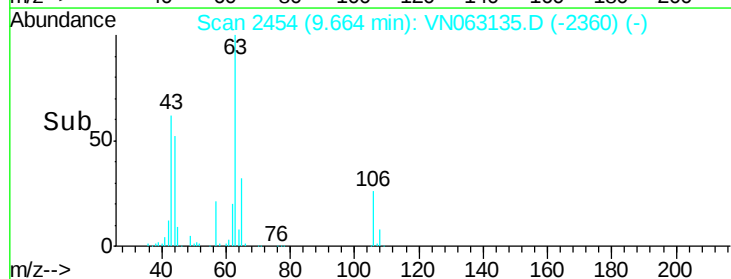
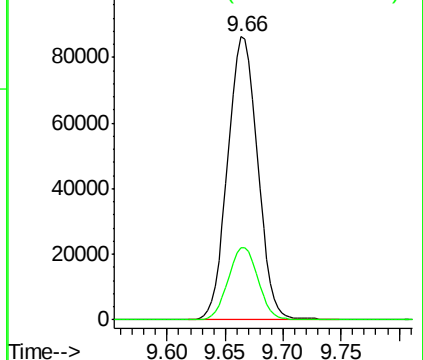
63 100

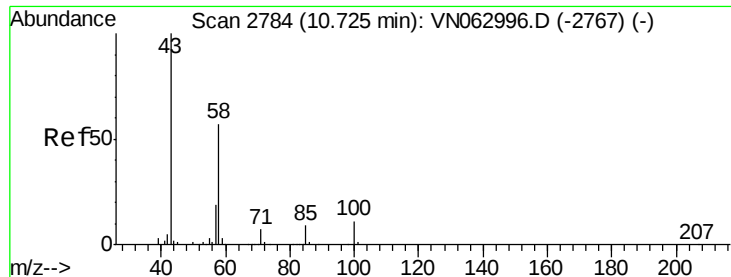
106 25.4 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





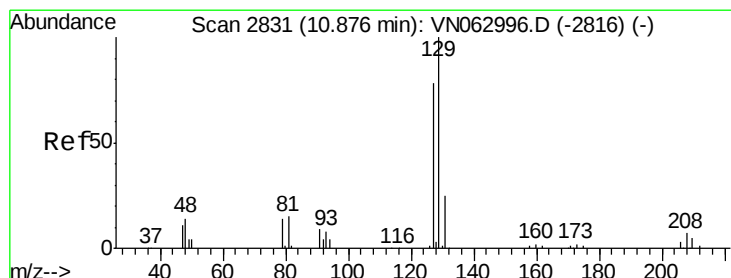
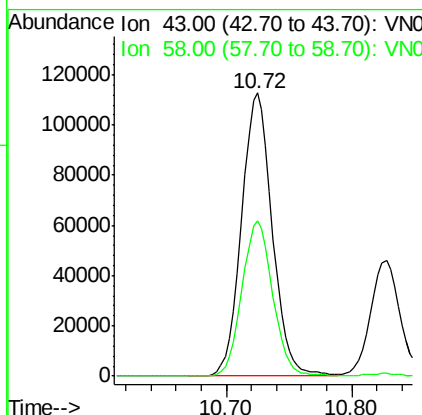
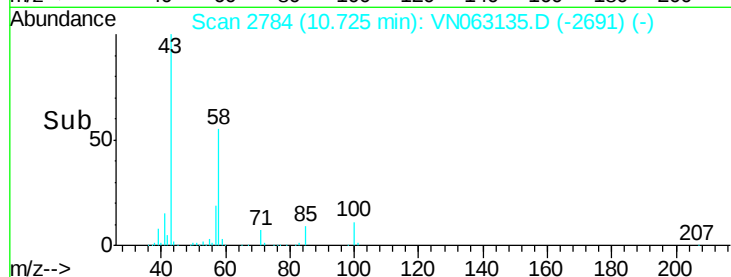
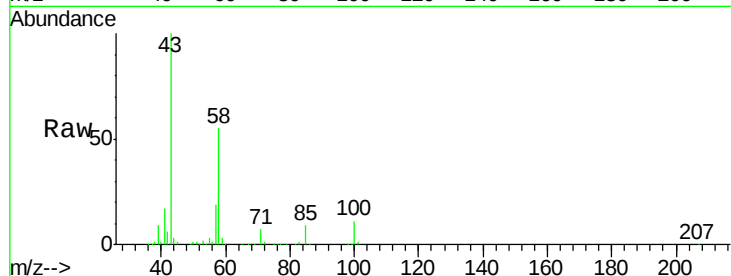
#59
2-Hexanone
Concen: 95.416 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion: 43 Resp: 192738
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.3

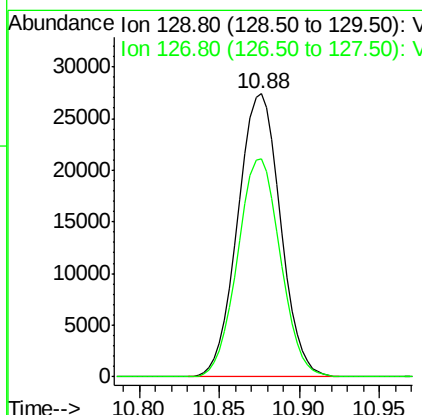
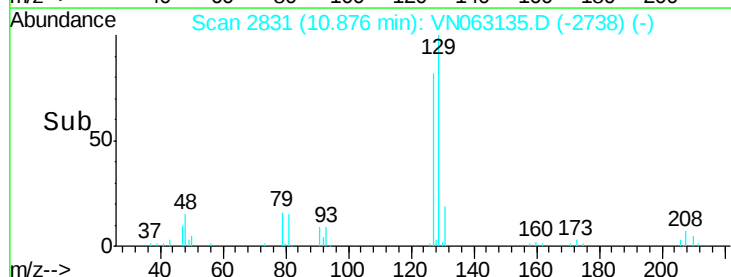
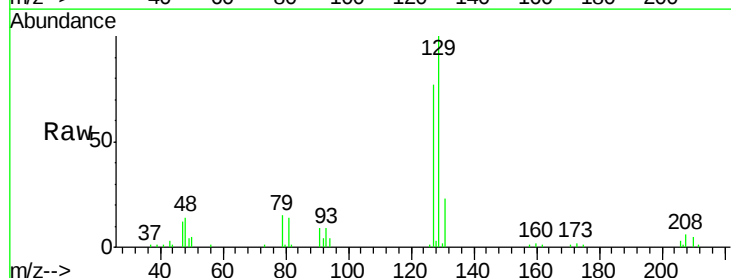
Manual Integrations
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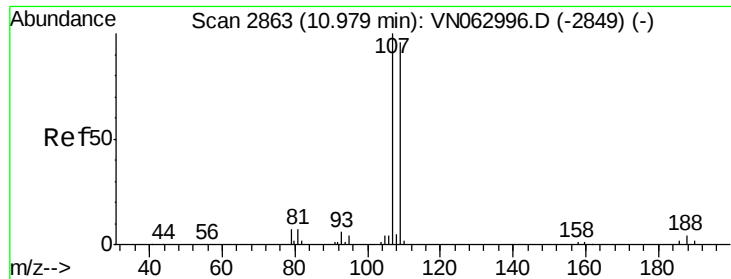
MMDadoda
8/27/2020 1:28:21 PM



#60
Dibromochloromethane
Concen: 18.723 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 129 Resp: 50029
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





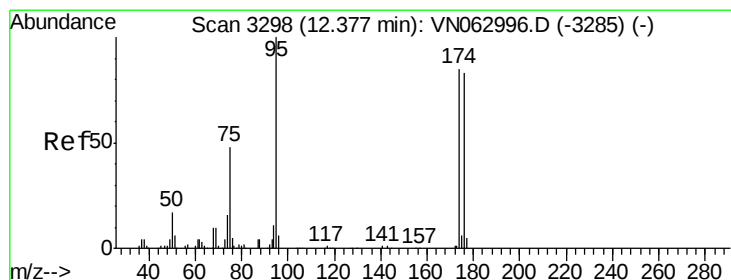
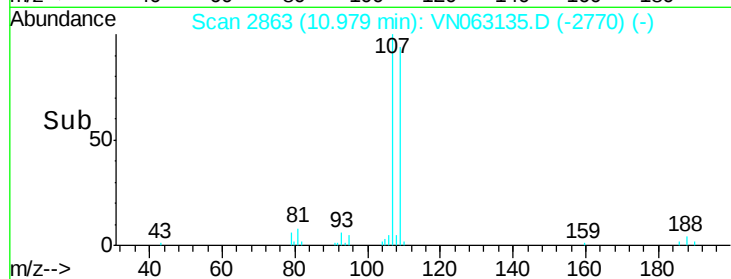
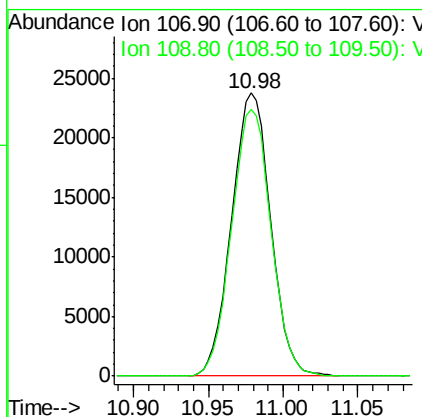
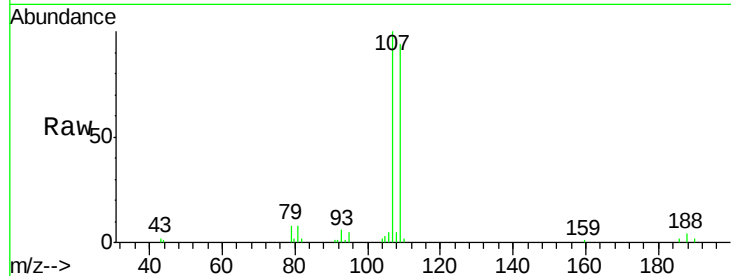
#61
 1,2-Dibromoethane
 Concen: 18.620 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.7	113.5

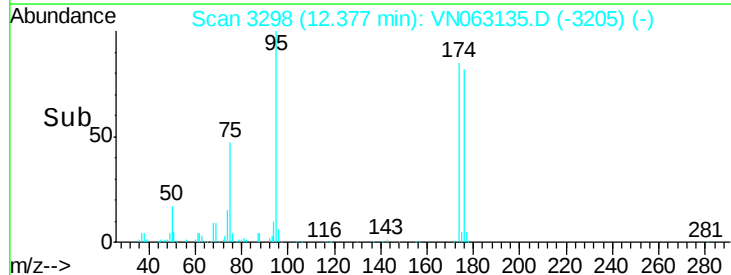
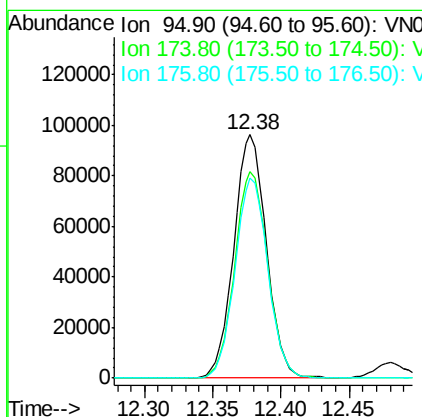
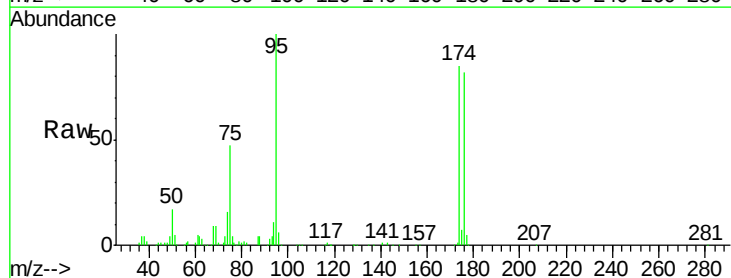
Manual Integrations
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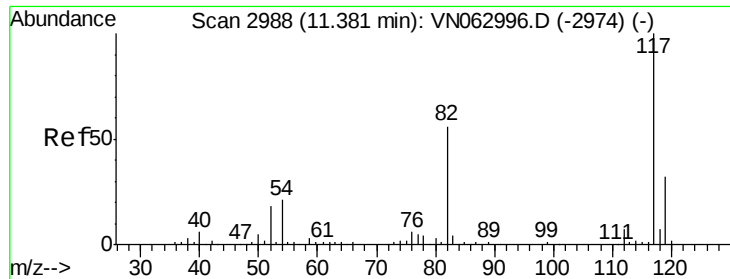
MMDadoda
 8/27/2020 1:28:21 PM



#62
 4-Bromofluorobenzene
 Concen: 53.996 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	170.8
176	82.8	0.0	164.8





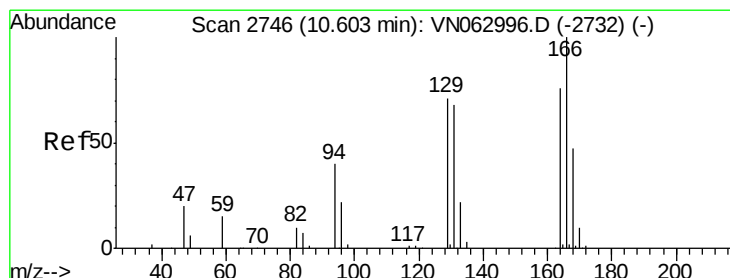
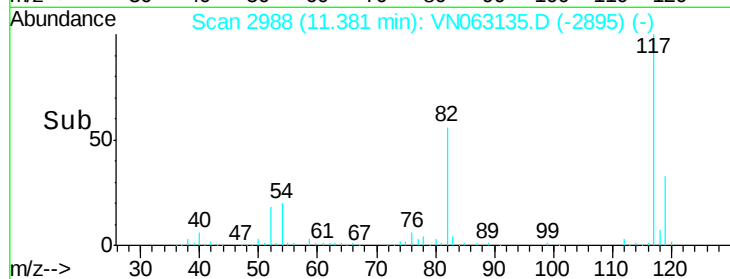
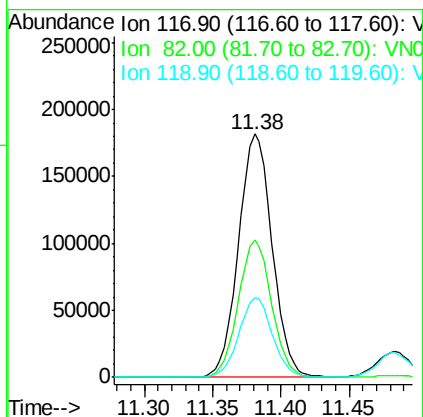
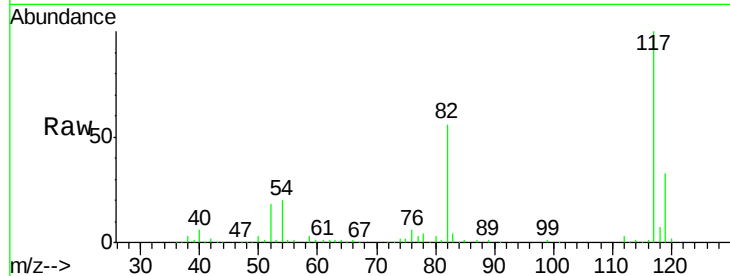
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.5	66.7
119	32.7	25.5	38.3

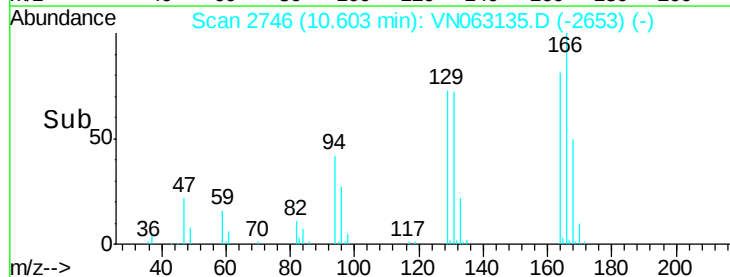
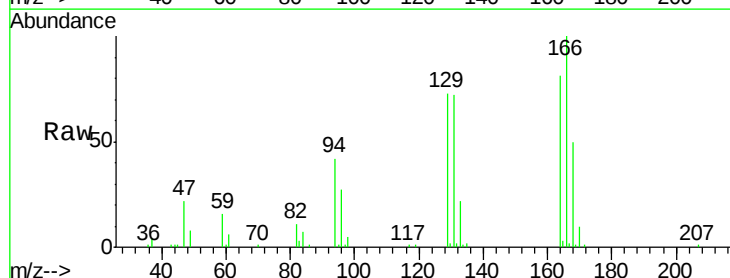
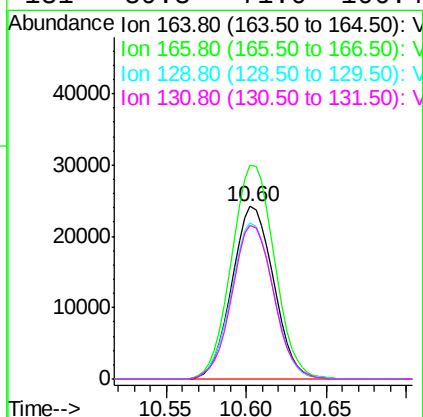
Manual Integrations
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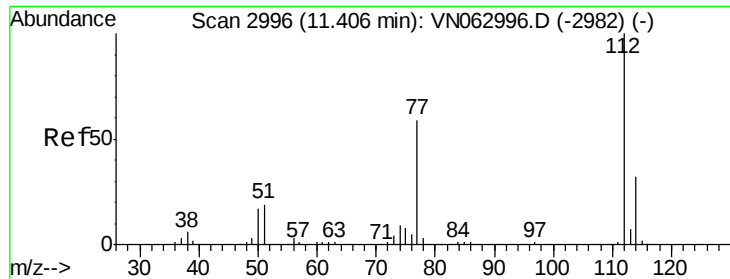
MMDadoda
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#64
Tetrachloroethene
Concen: 21.036 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	105.0	157.6
129	90.9	74.7	112.1
131	89.3	71.0	106.4





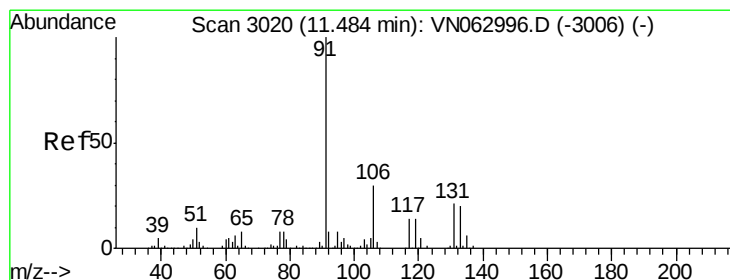
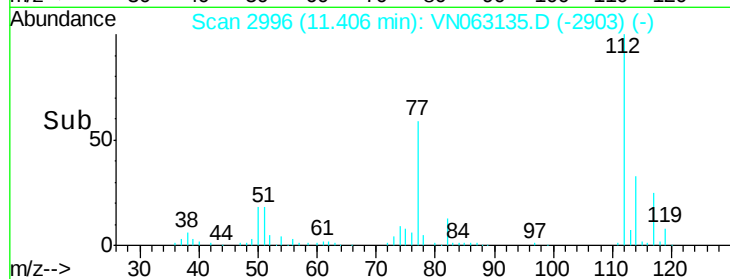
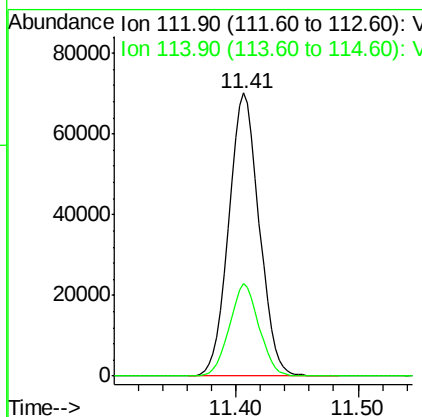
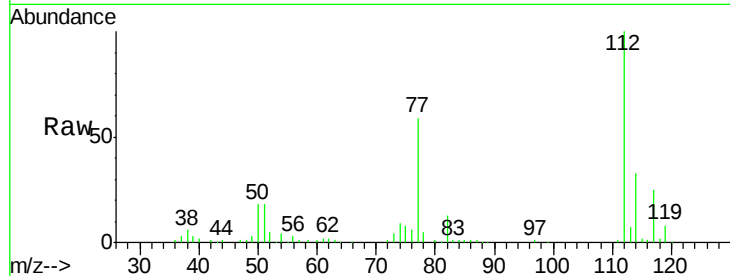
#65
Chlorobenzene
Concen: 19.574 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion:112 Resp: 122266
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

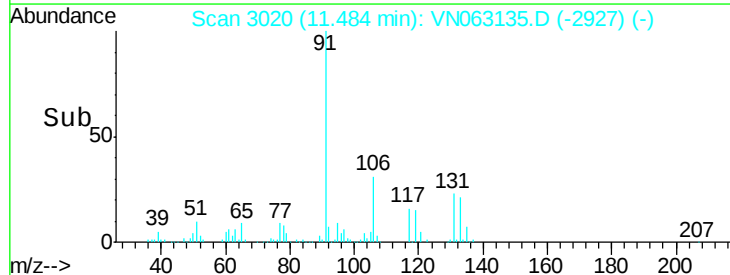
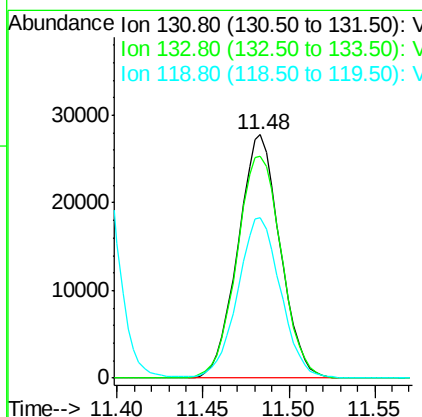
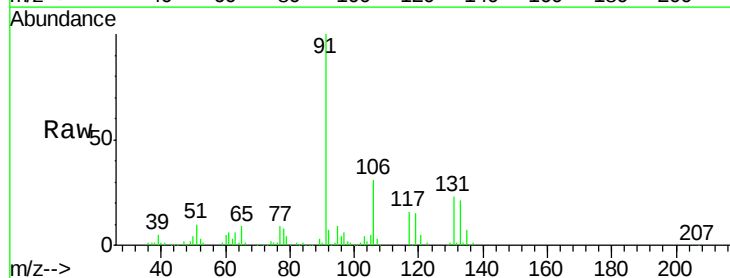
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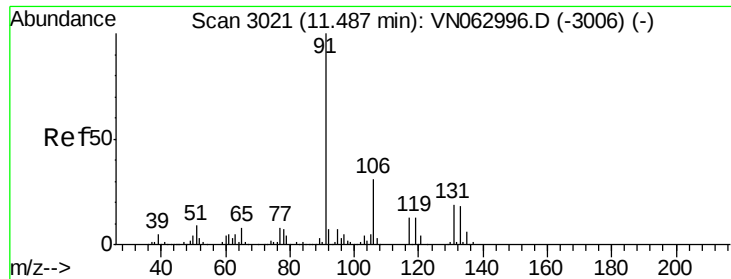
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.374 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion:131 Resp: 47069
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.6
119 67.5 33.1 99.3





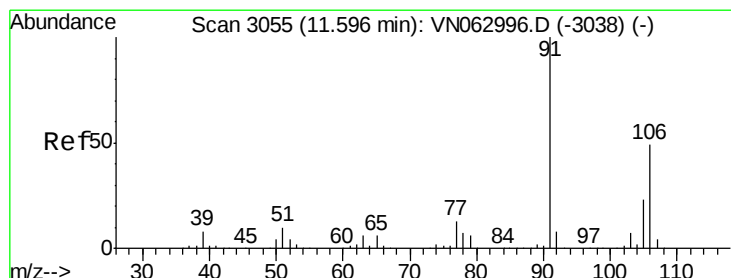
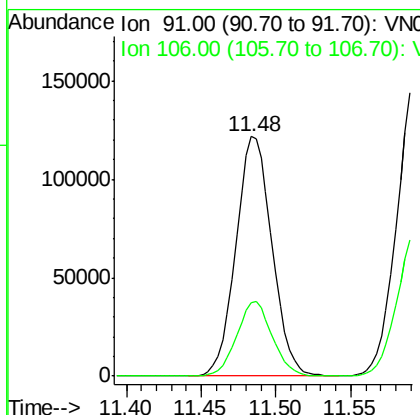
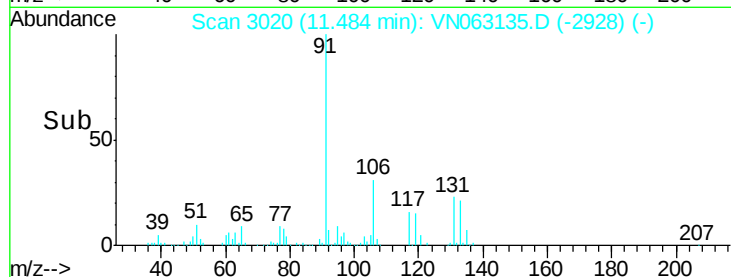
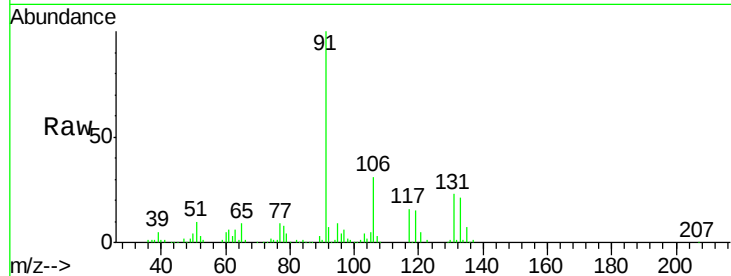
#67
Ethyl Benzene
Concen: 19.373 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion: 91 Resp: 204474
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

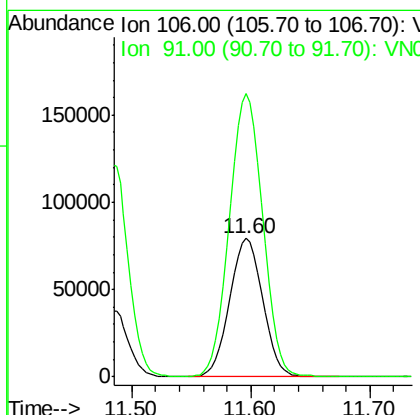
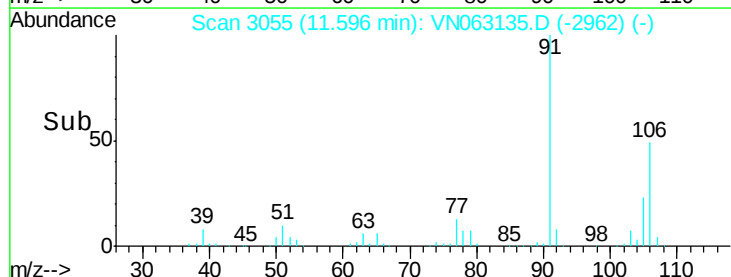
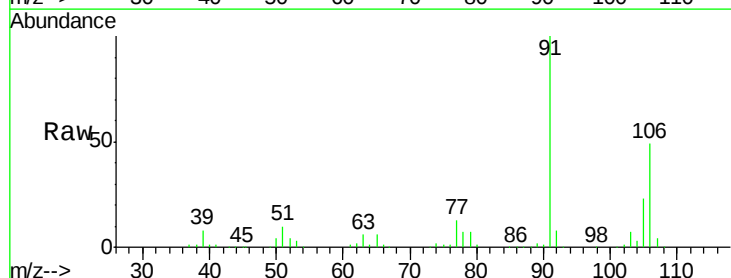
Manual Integrations
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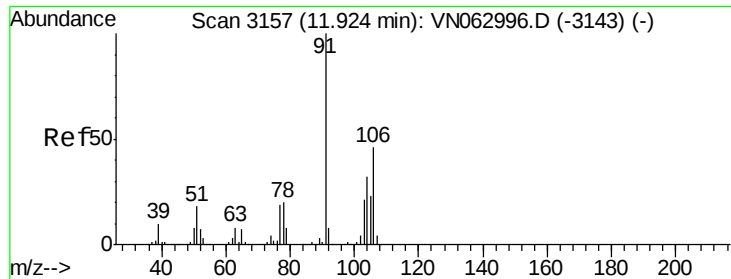
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#68
m/p-Xylenes
Concen: 39.020 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 106 Resp: 153065
Ion Ratio Lower Upper
106 100
91 205.5 163.0 244.4





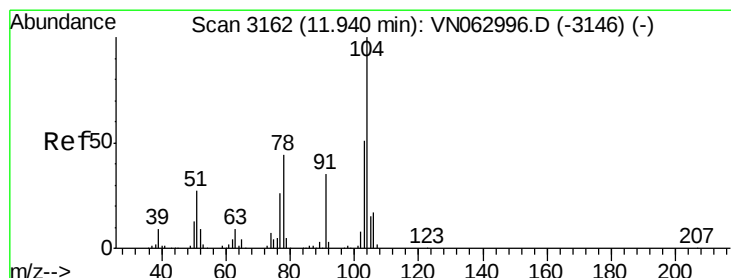
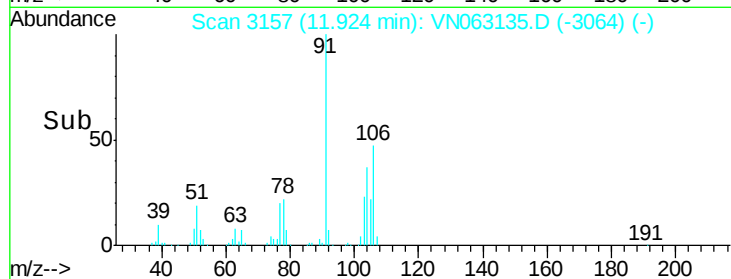
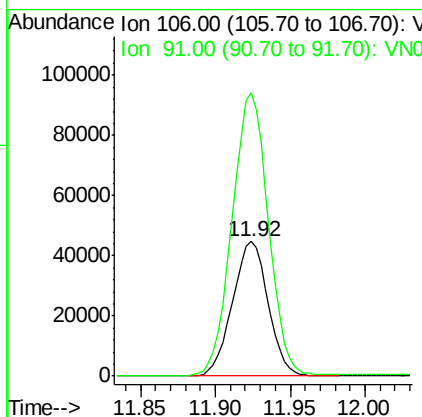
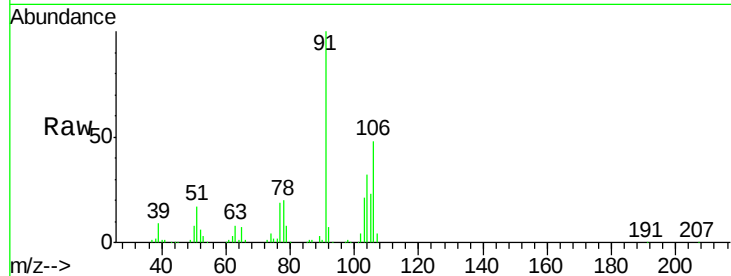
#69
o-Xylene
Concen: 19.743 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampled :
VN0826MBS01

Tot Ion:106 Resp: 74371
Ion Ratio Lower Upper
106 100
91 214.0 107.3 321.9

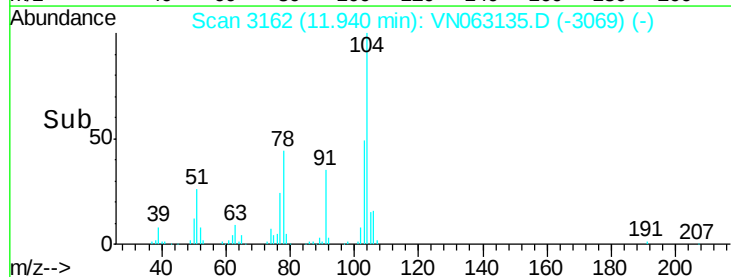
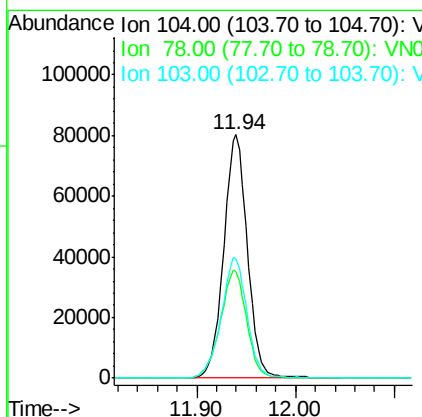
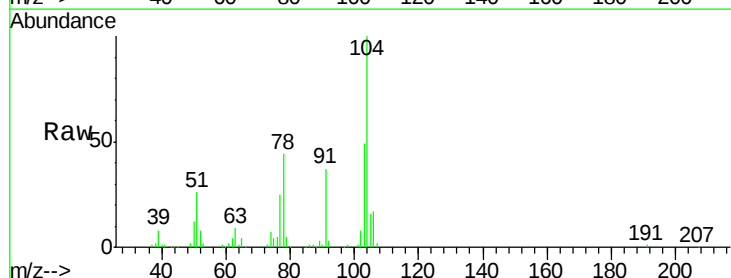
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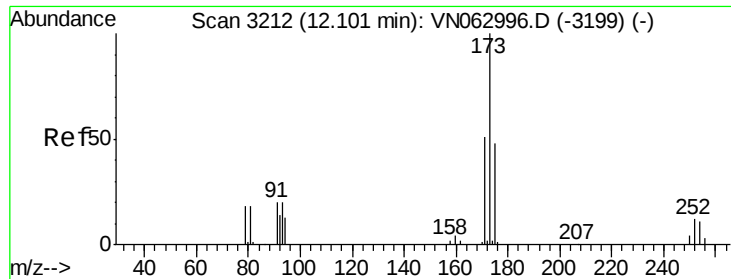
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#70
Styrene
Concen: 19.354 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion:104 Resp: 135514
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 53.5 44.3 66.5





#71

Bromoform

Concen: 19.203 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

VN0826MBS01

Tot Ion:173 Resp: 37135

Ion Ratio Lower Upper

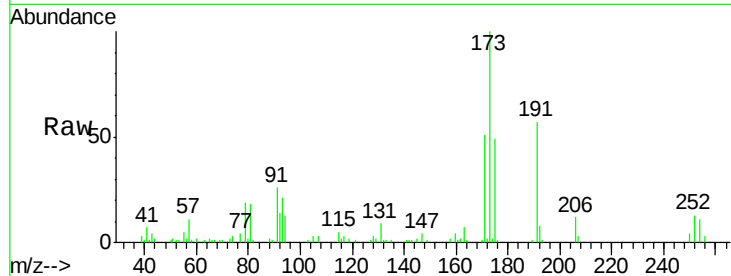
173 100

175 56.7 24.3 72.8

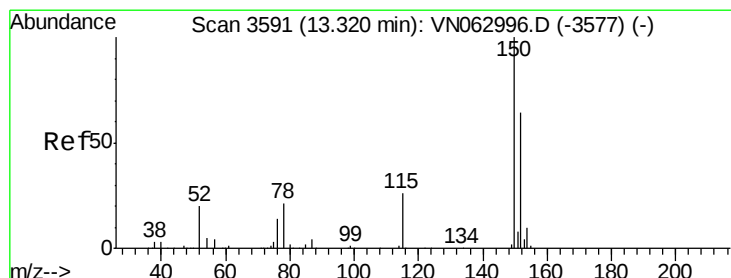
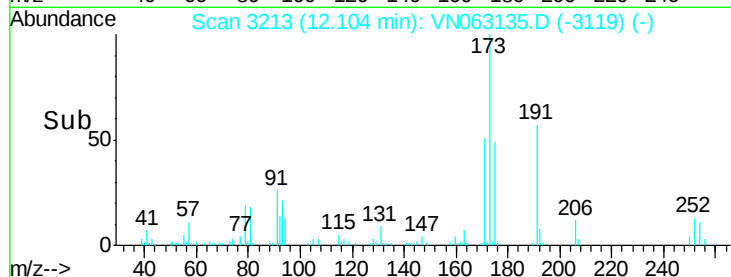
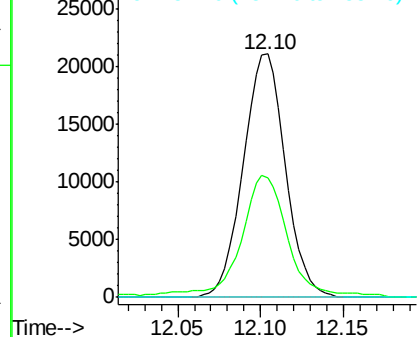
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

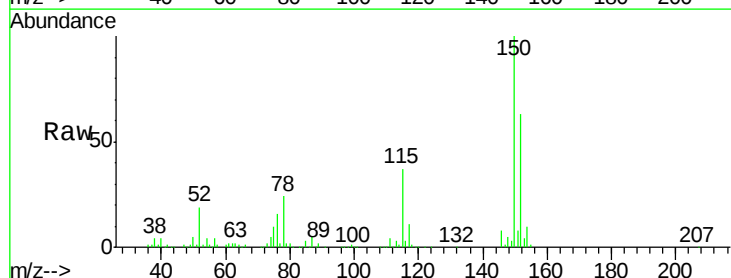
Tgt Ion:152 Resp: 149605

Ion Ratio Lower Upper

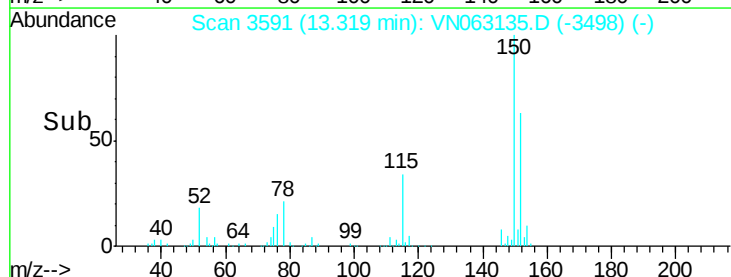
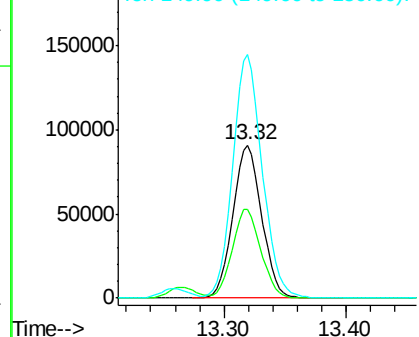
152 100

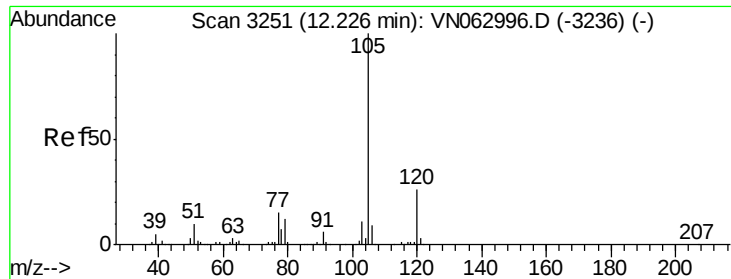
115 57.8 28.7 86.3

150 162.9 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.032 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

VN0826MBS01

Tot Ion:105 Resp: 194986

Ion Ratio Lower Upper

105 100

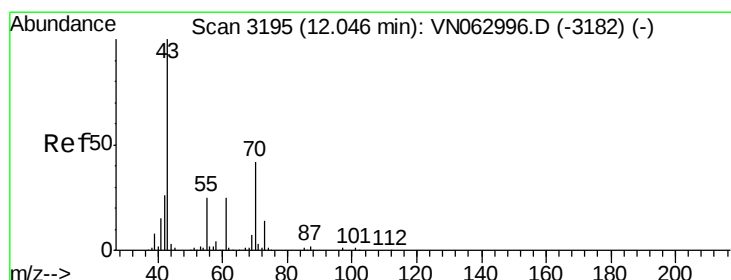
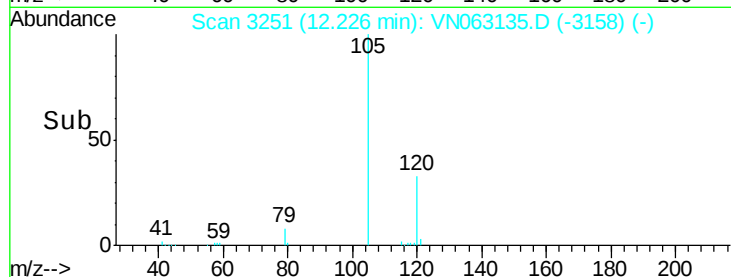
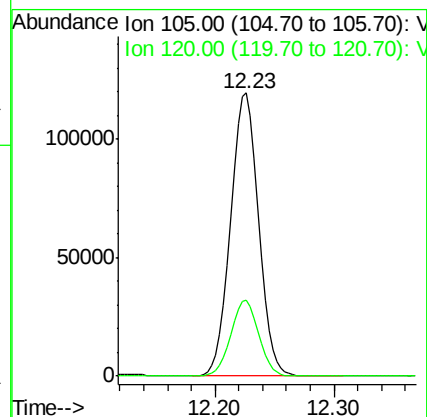
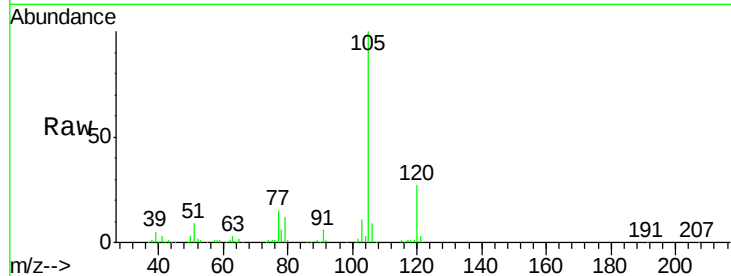
120 26.6 13.2 39.6

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#74

N-ethyl acetate

Concen: 21.218 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion: 43 Resp: 77855

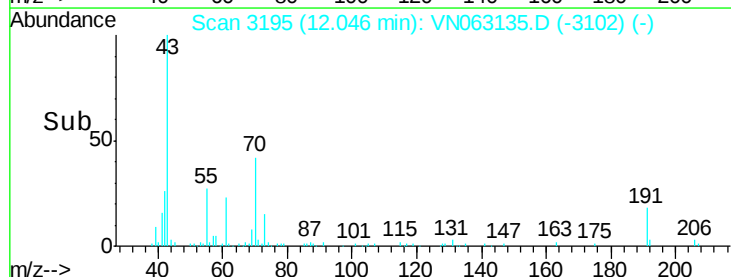
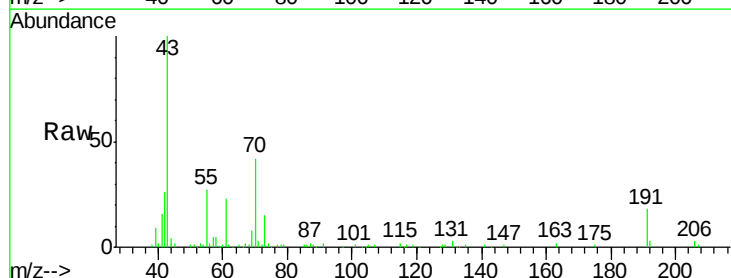
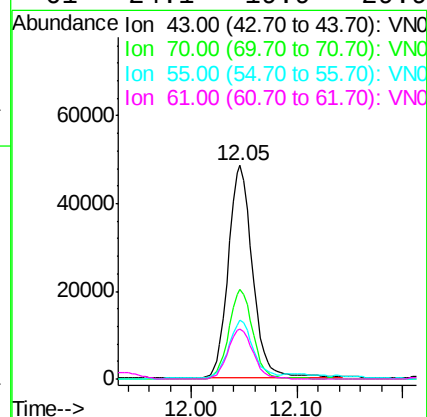
Ion Ratio Lower Upper

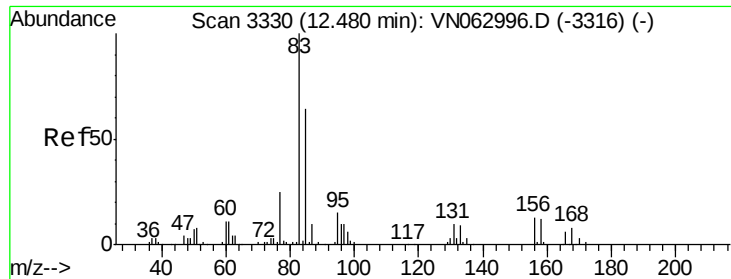
43 100

70 41.4 33.4 50.0

55 29.0 20.2 30.2

61 24.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.450 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

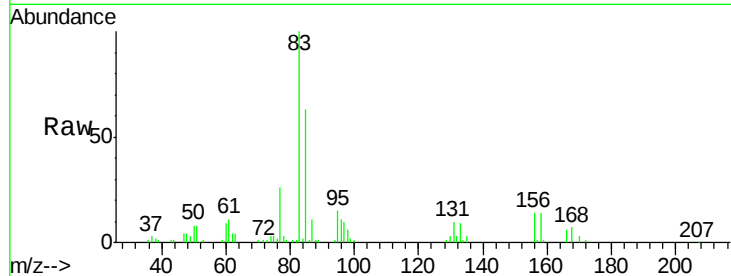
ClientSampled :

VN0826MBS01

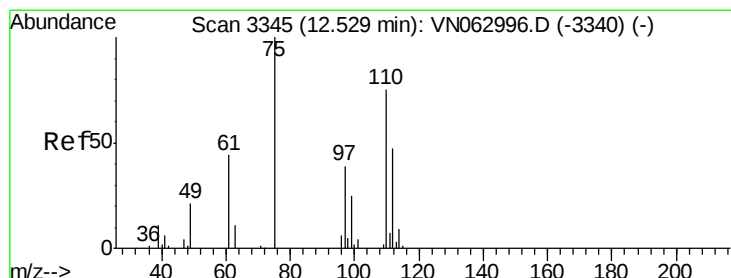
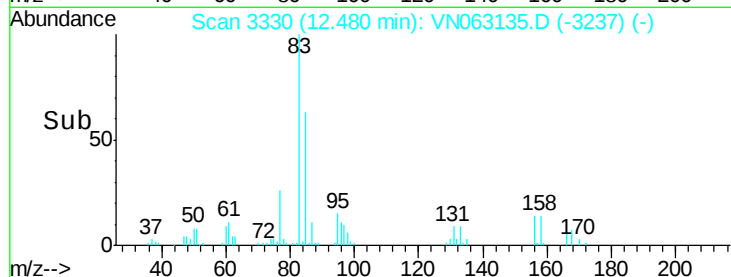
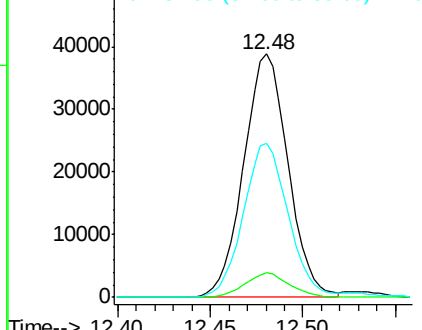
Tot Ion:	83	Resp:	64508
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	63.8	31.9	95.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN063135.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 19.541 ug/l m

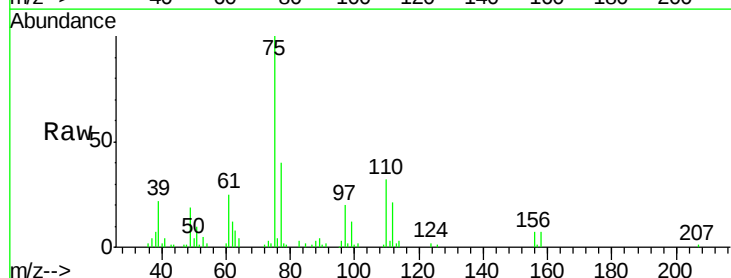
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

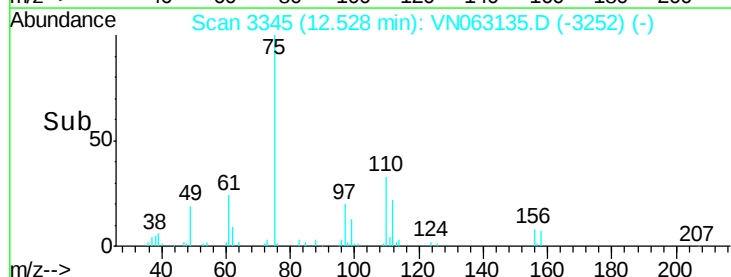
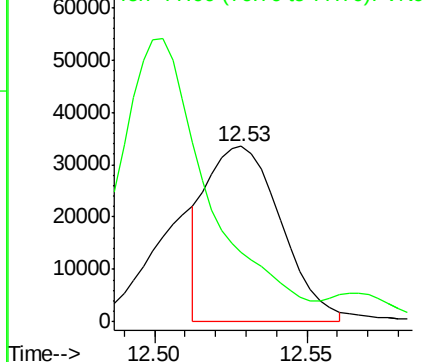
Lab File: VN063135.D

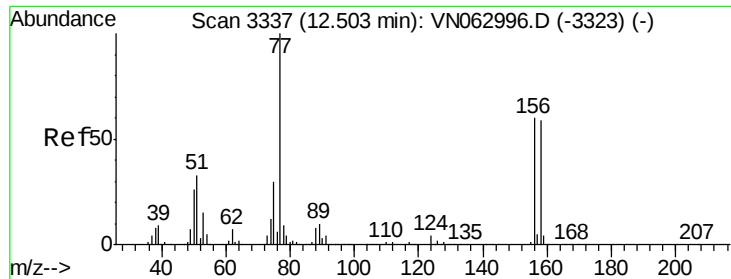
Acq: 26 Aug 2020 16:11

Tgt Ion:	75	Resp:	56824
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063135.D (-3252) (-)





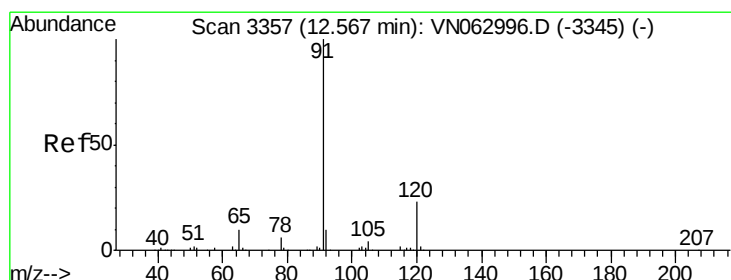
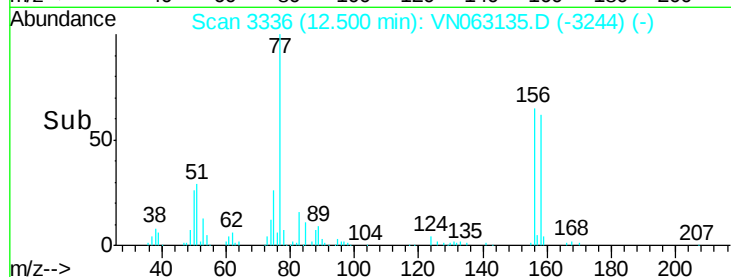
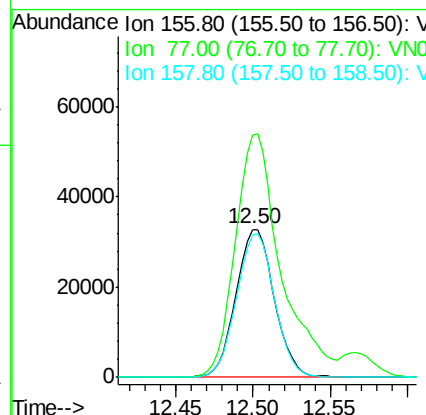
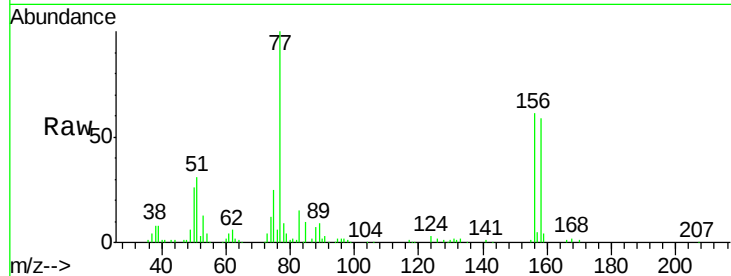
#77
Bromobenzene
Concen: 20.052 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampled :
VN0826MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.0	101.0	302.9
158	96.4	49.4	148.0

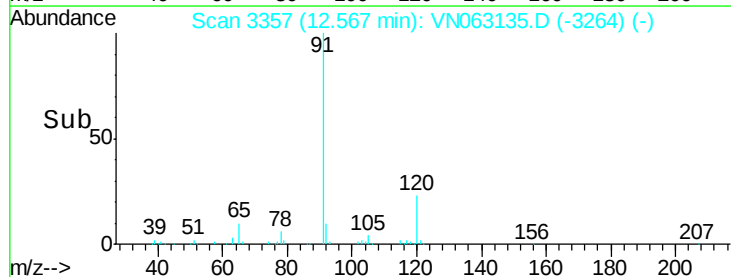
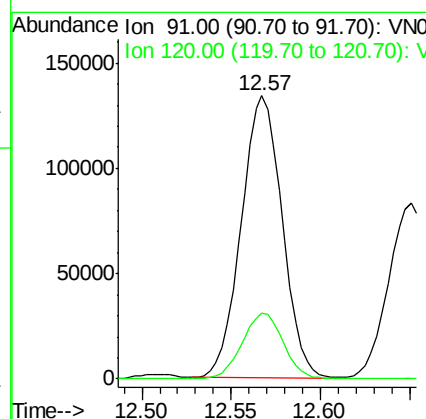
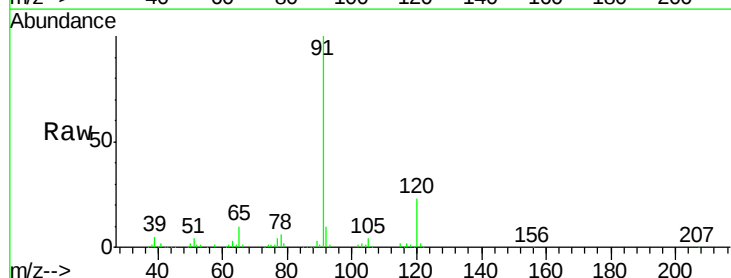
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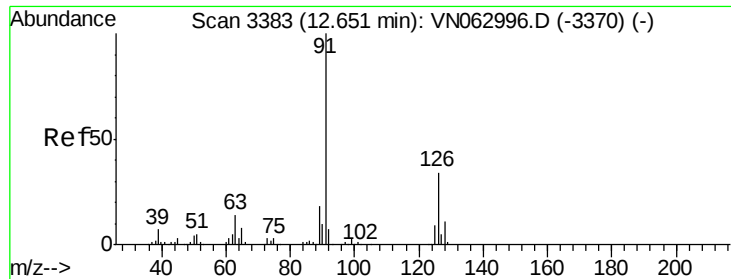
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#78
n-propylbenzene
Concen: 18.297 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.1





#79

2-Chlorotoluene

Concen: 18.690 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

Tot Ion: 91 Resp: 137279

Ion Ratio Lower Upper

91 100

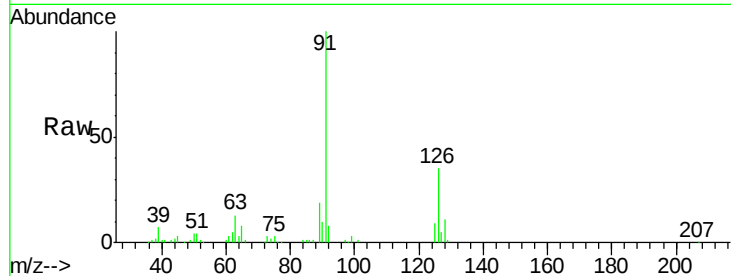
126 35.2 17.1 51.2

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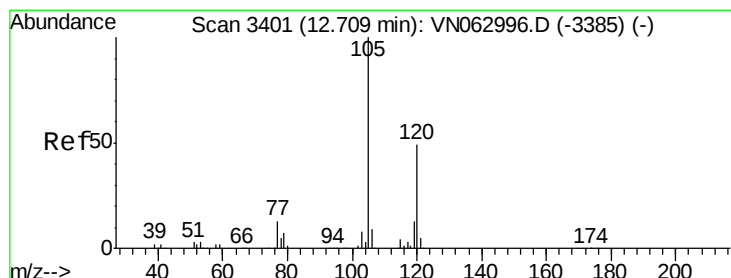
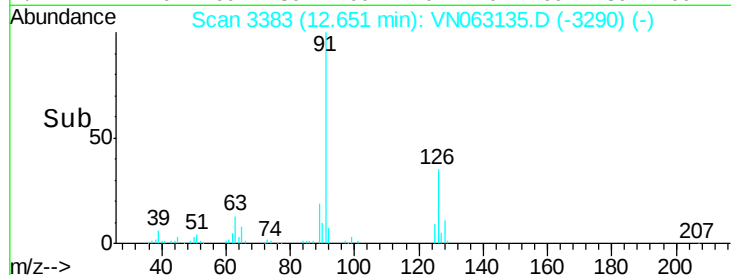
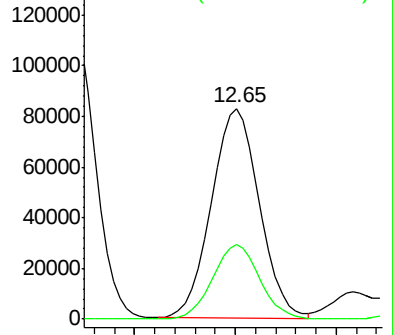
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Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062996.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.572 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063135.D

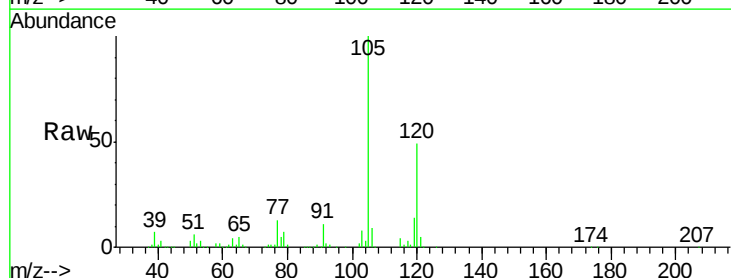
Acq: 26 Aug 2020 16:11

Tgt Ion:105 Resp: 157286

Ion Ratio Lower Upper

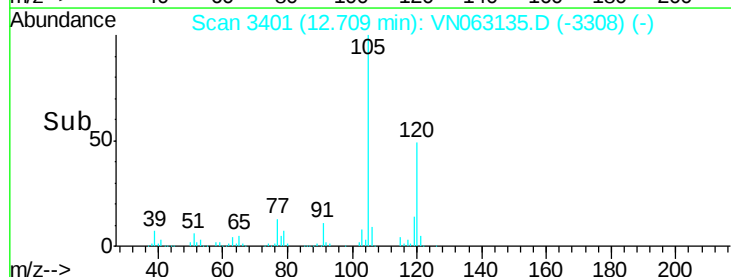
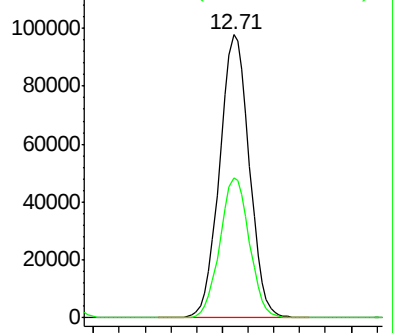
105 100

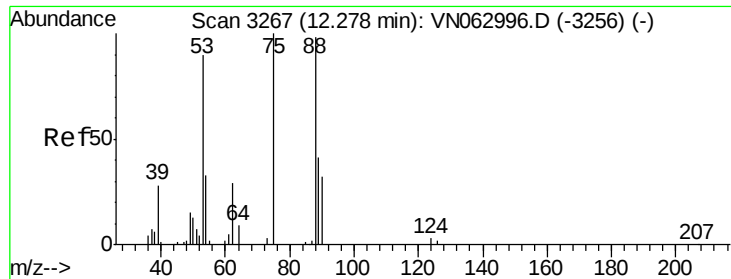
120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN062996.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062996.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.917 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

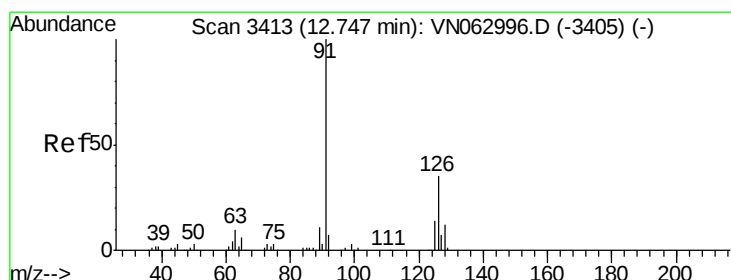
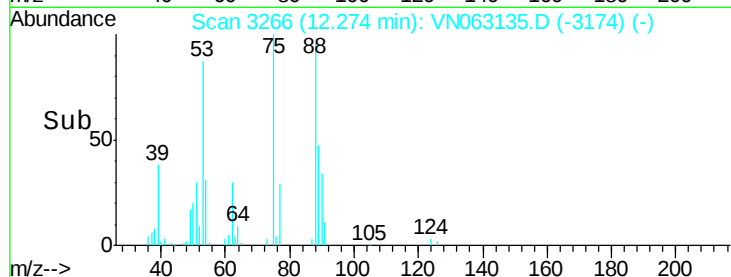
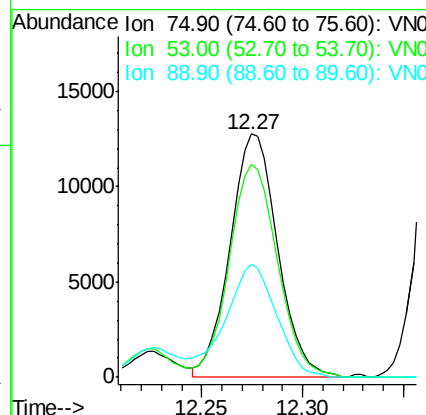
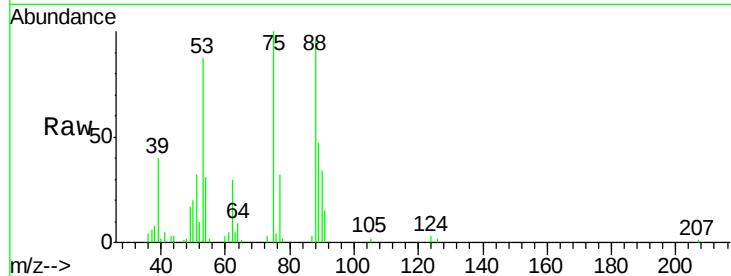
ClientSampleId :

VN0826MBS01

Tot Ion:	75	Resp:	21088
Ion	Ratio	Lower	Upper
75	100		
53	89.0	69.2	103.8
89	49.4	34.2	51.4

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#82

4-Chlorotoluene

Concen: 19.522 ug/l

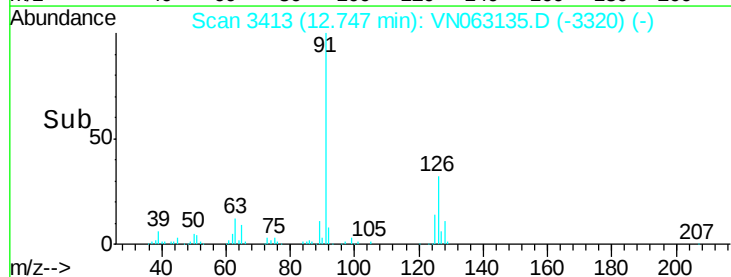
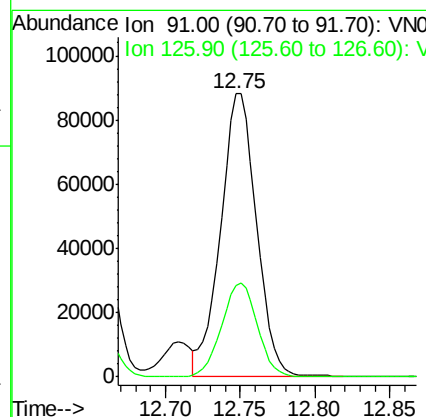
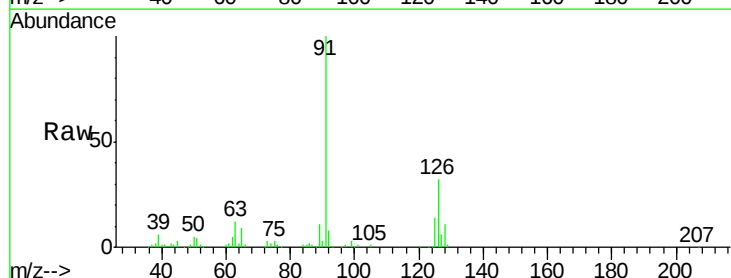
RT: 12.75 min Scan# 3413

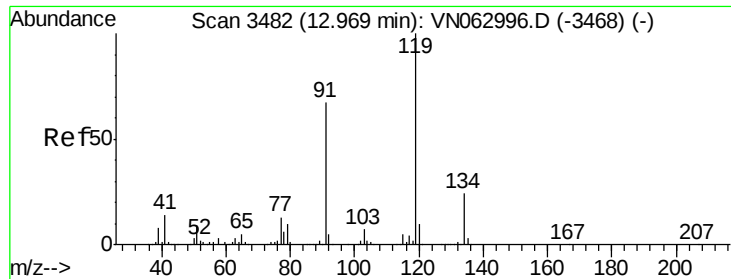
Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion:	91	Resp:	146007
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.5	49.5





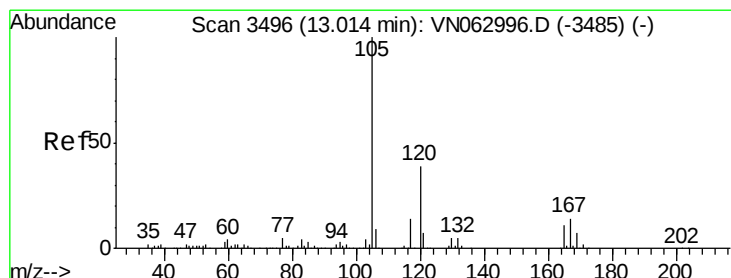
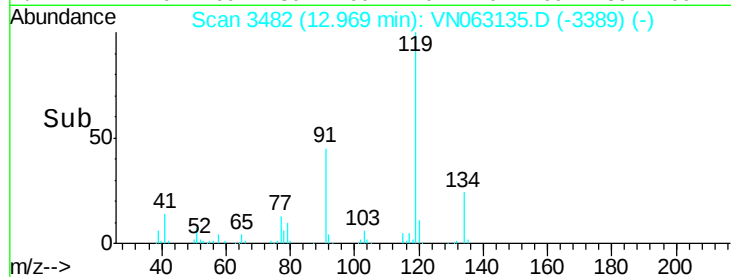
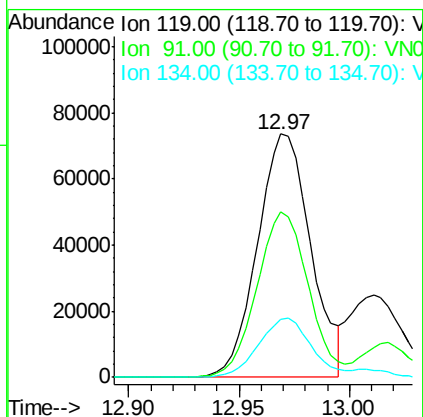
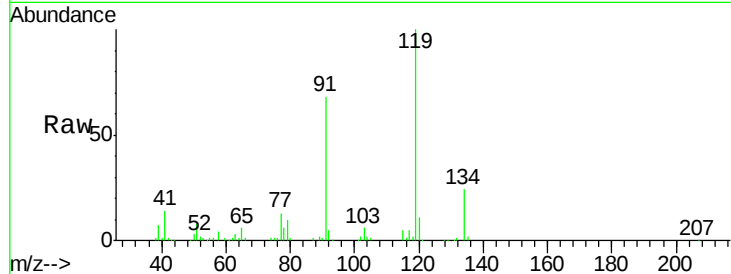
#83
 tert-Butylbenzene
 Concen: 16.830 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	123022		
91	65.7	32.5	97.4	
134	24.3	13.1	39.3	

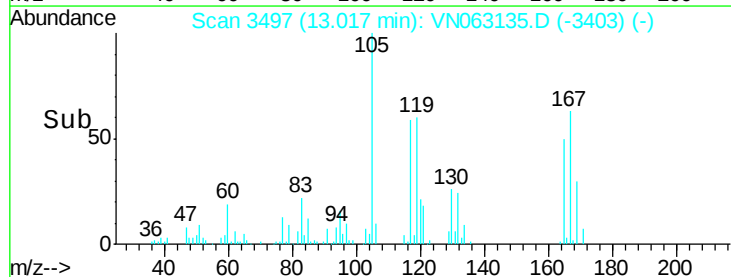
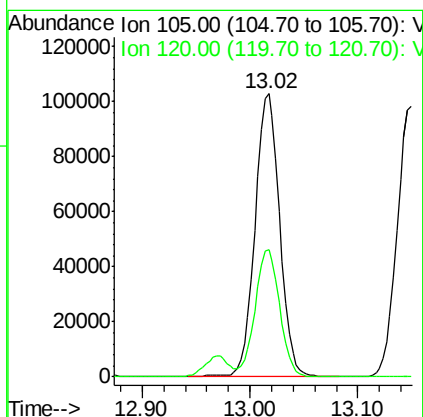
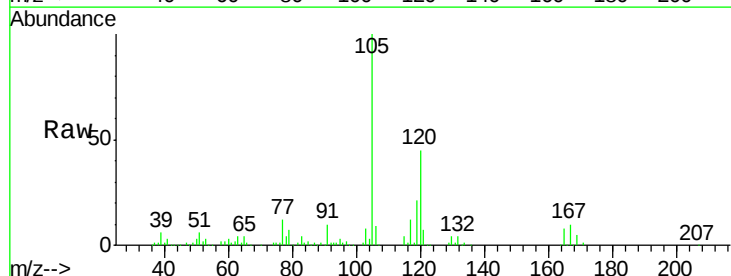
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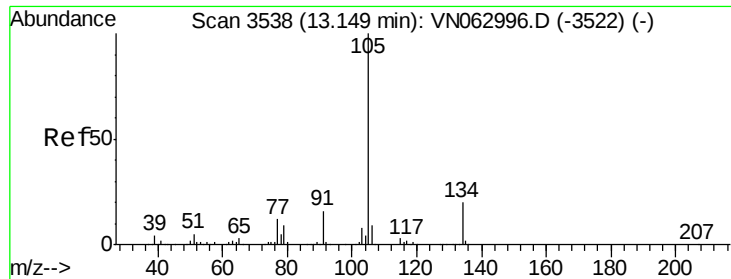
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.782 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163212		
120	44.8	22.5	67.5	





#85

sec-Butylbenzene

Concen: 16.050 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

VN0826MBS01

Tot Ion:105 Resp: 158560

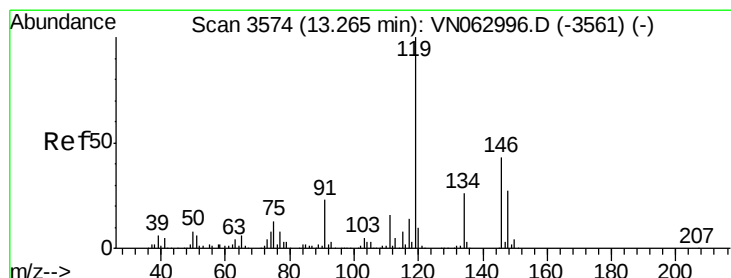
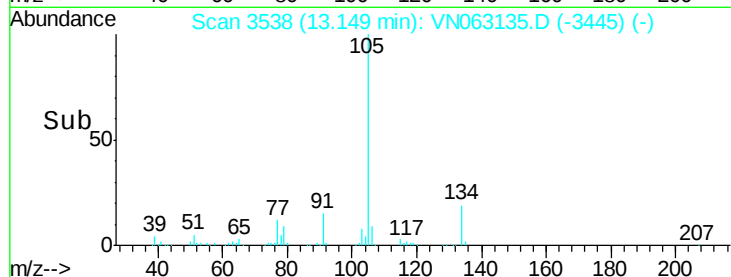
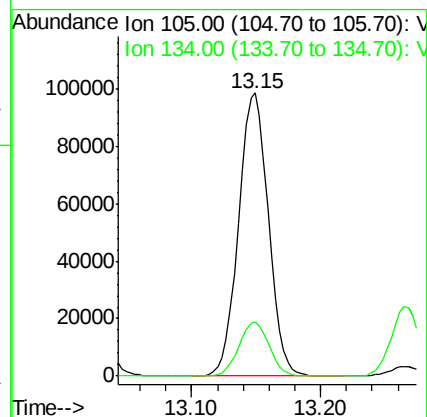
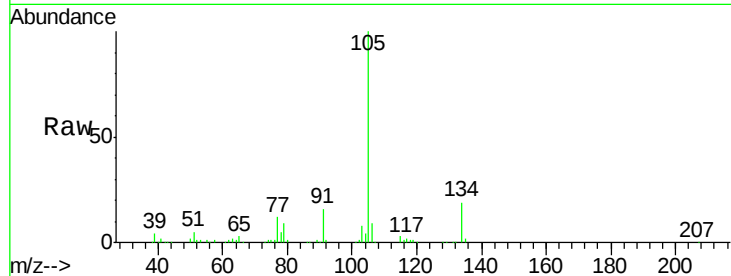
Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 16.640 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

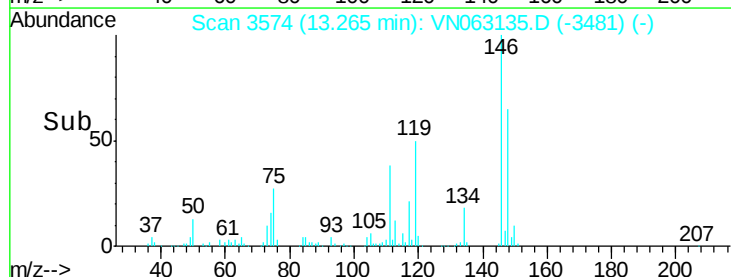
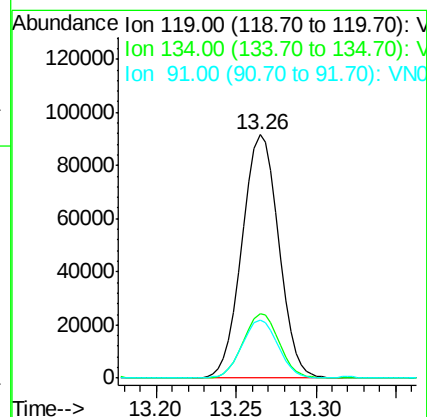
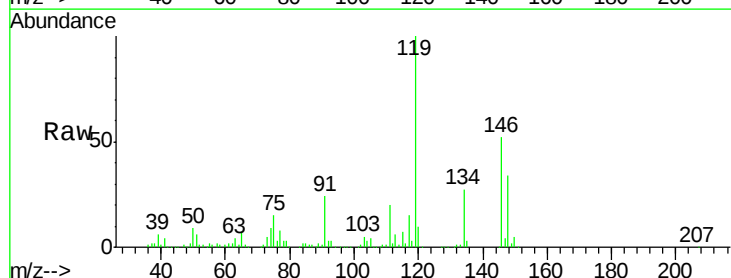
Tgt Ion:119 Resp: 143235

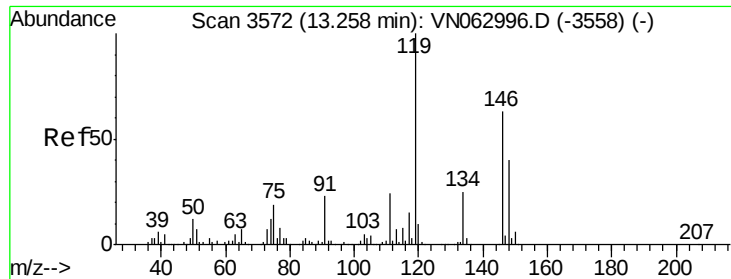
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.5 11.5 34.4





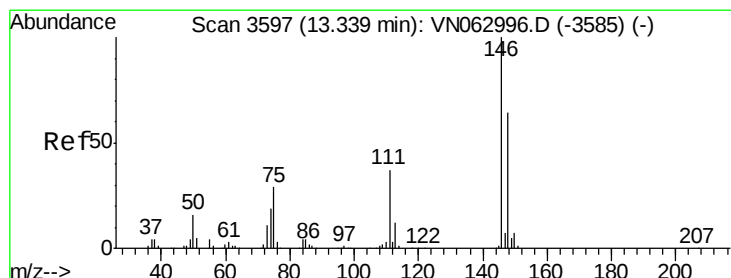
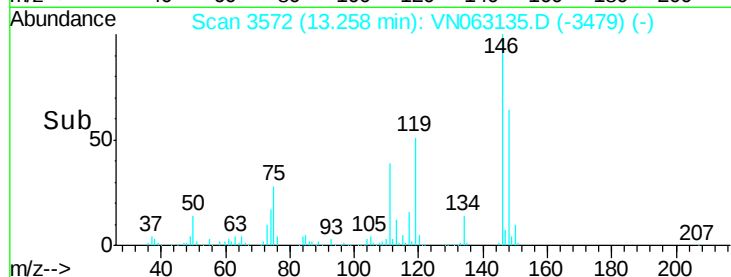
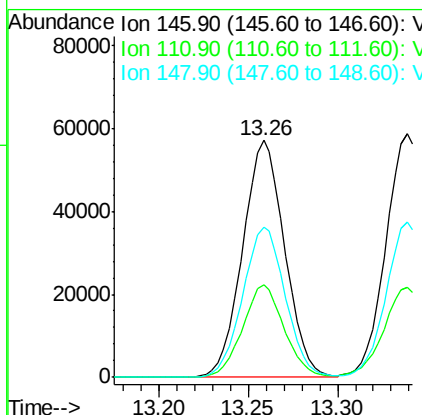
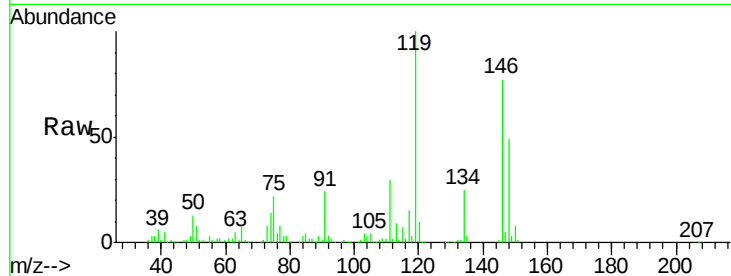
#87
 1,3-Dichlorobenzene
 Concen: 19.456 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	64.3	32.0	96.0

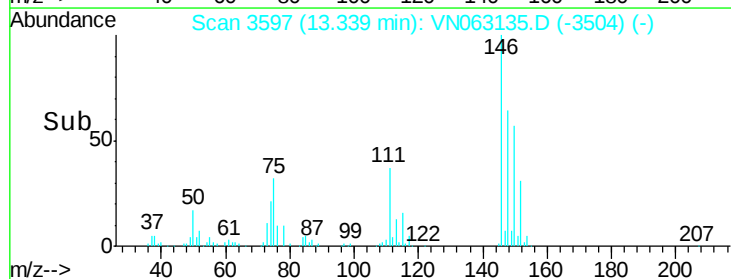
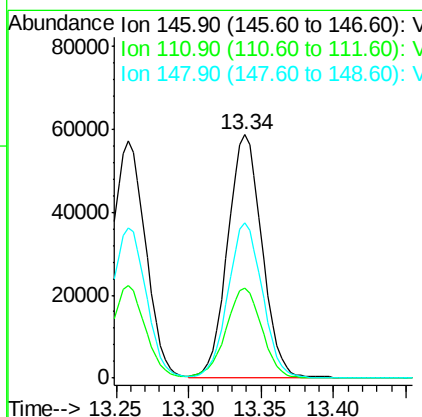
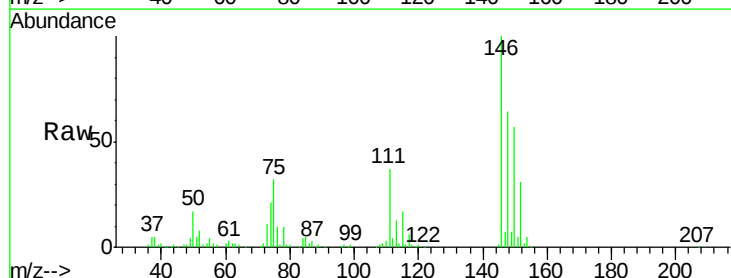
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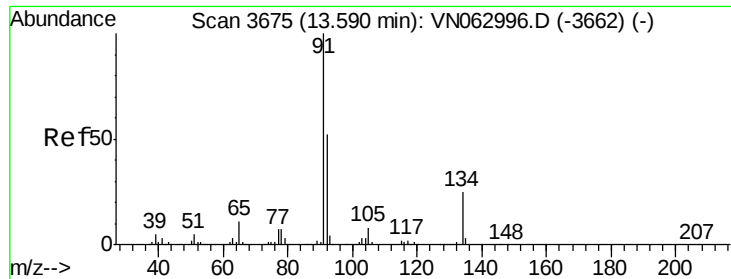
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#88
 1,4-Dichlorobenzene
 Concen: 19.528 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.8	56.4
148	64.1	32.4	97.0





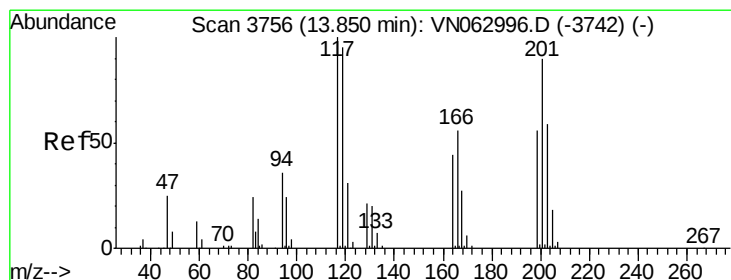
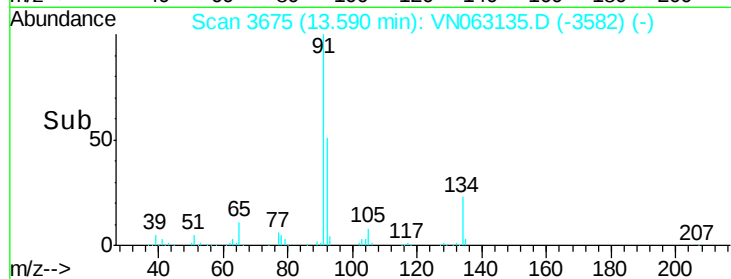
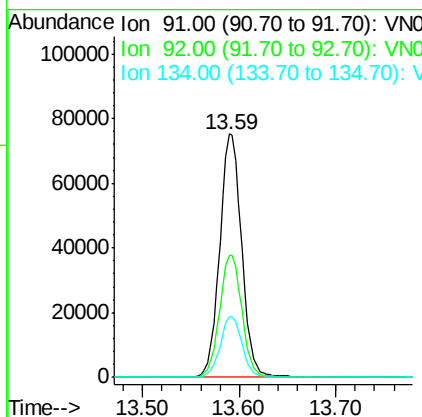
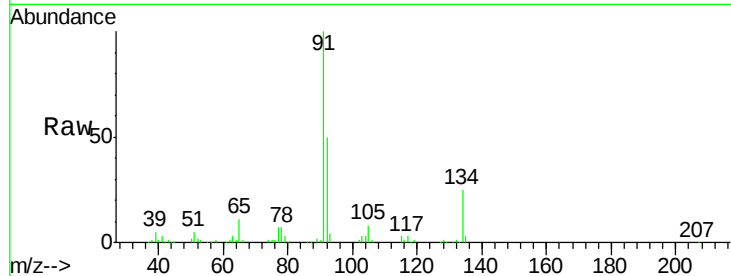
#89
n-Butylbenzene
Concen: 16.507 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.6
134	24.8	12.4	37.0

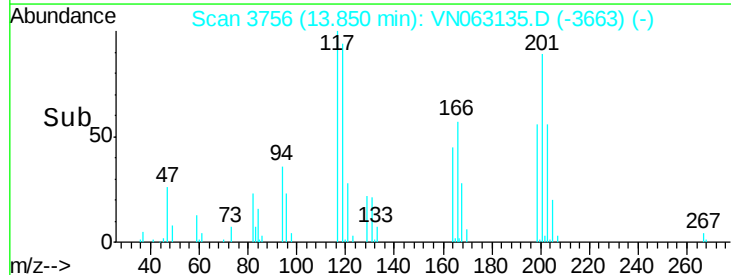
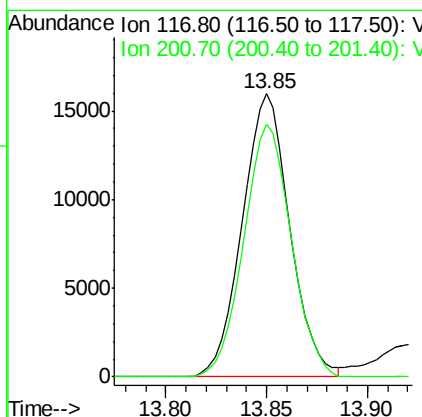
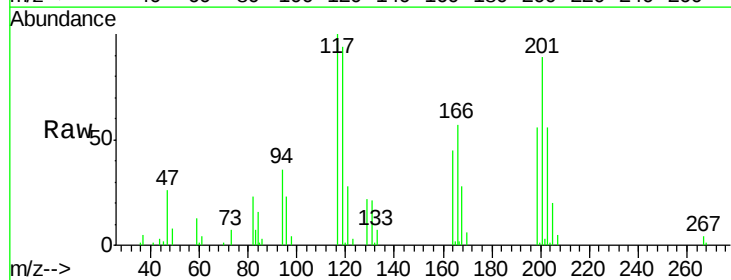
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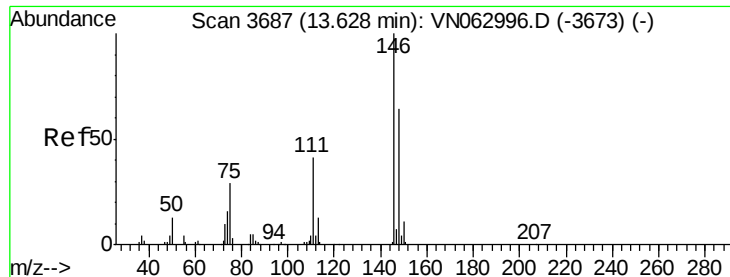
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#90
Hexachloroethane
Concen: 14.393 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	44.1	132.4





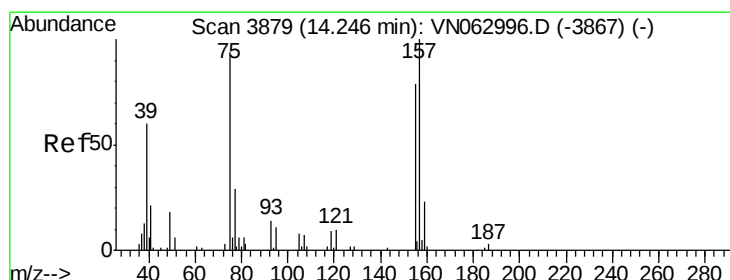
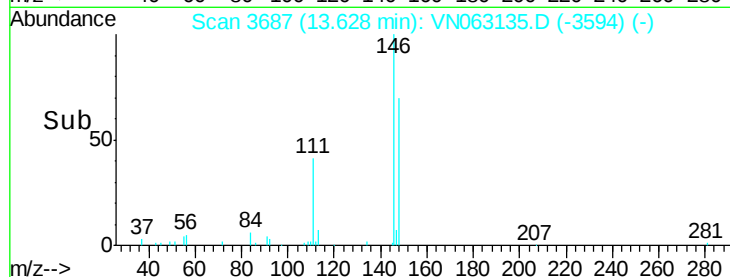
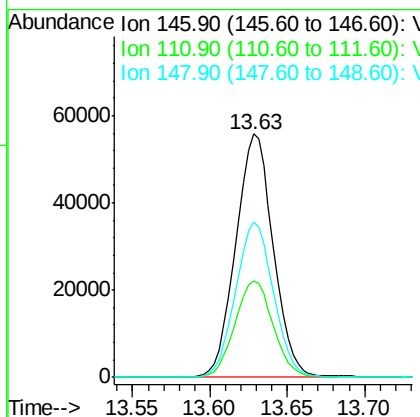
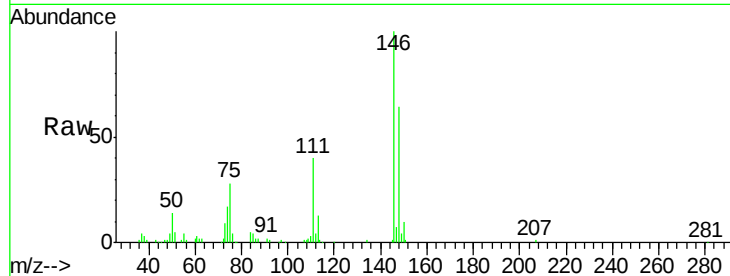
#91
 1,2-Dichlorobenzene
 Concen: 20.087 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	64.4	31.9	95.5

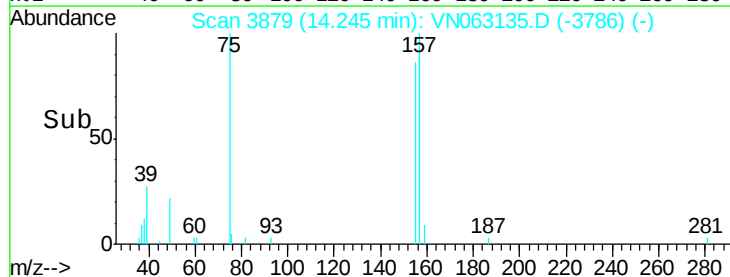
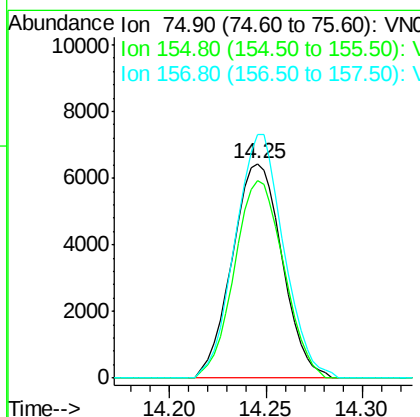
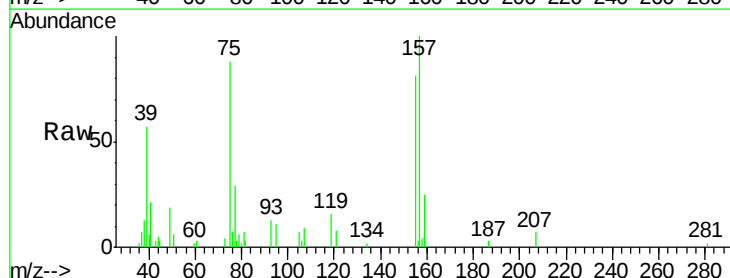
Manual Integrations
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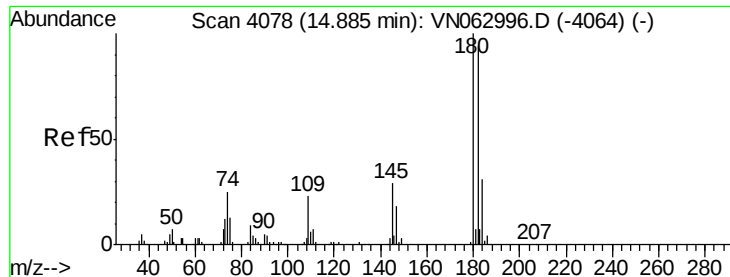
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.385 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	42.4	127.1
157	110.5	55.2	165.6





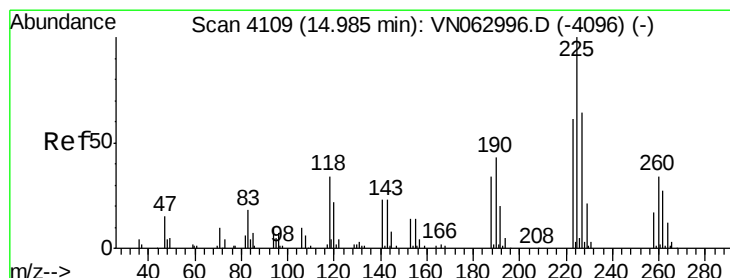
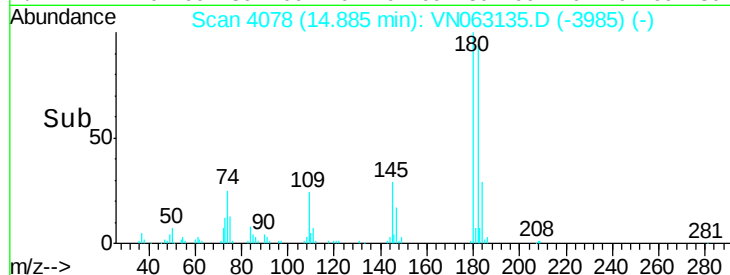
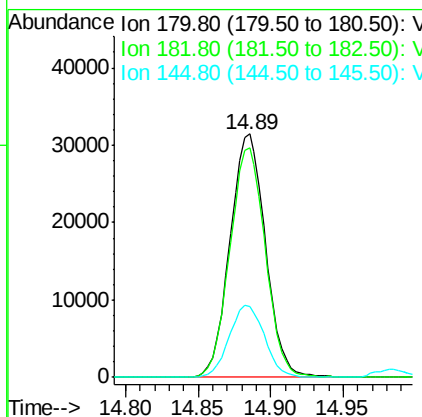
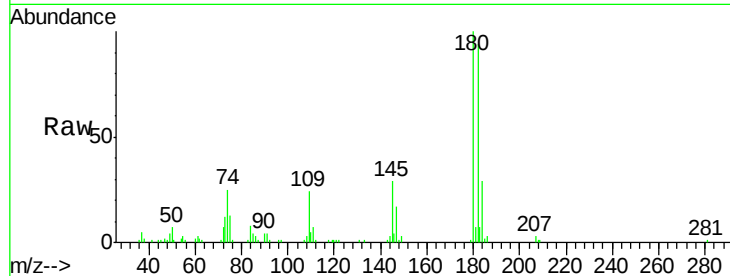
#93
 1,2,4-Trichlorobenzene
 Concen: 23.283 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.0	141.2
145	29.2	14.1	42.4

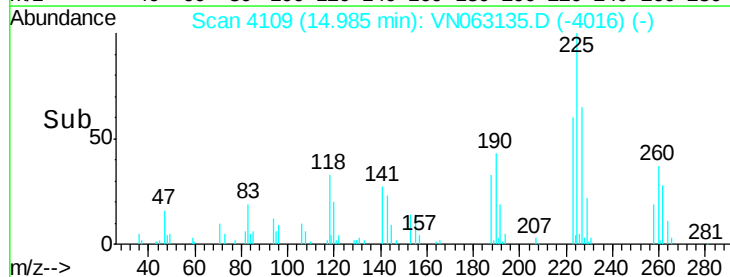
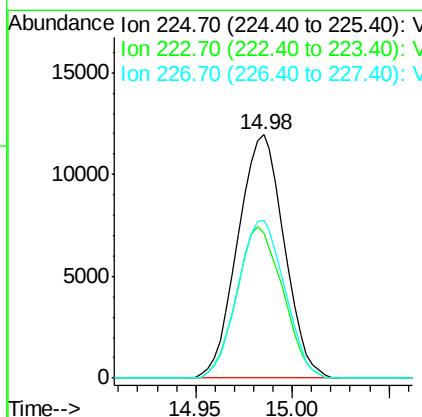
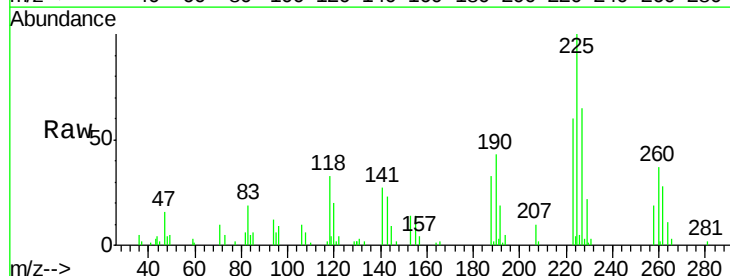
Manual Integrations
 APPROVED

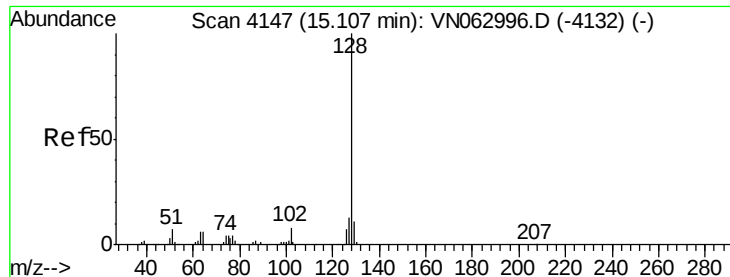
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 8/27/2020 1:28:21 PM



#94
 Hexachlorobutadiene
 Concen: 11.574 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.9	92.5
227	65.3	31.9	95.9





#95

Naphthalene

Concen: 28.796 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

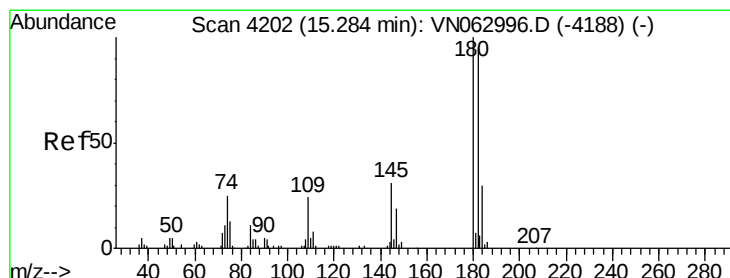
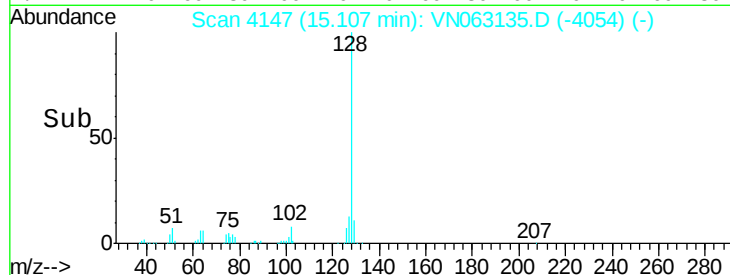
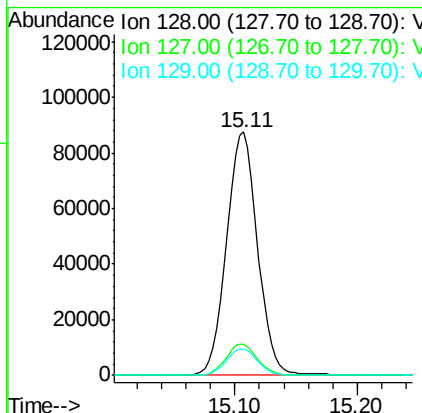
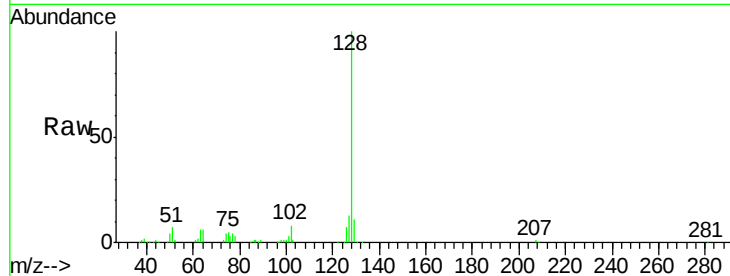
ClientSampleId :

VN0826MBS01

Tot Ion:	128	Resp:	155787
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.9	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 22.906 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion:	180	Resp:	52289
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.3	141.9
145	31.3	15.6	46.7

