

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055533.D
 Acq On : 10 May 2019 7:04
 Operator : JC/SP
 Sample : K2758-26MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 12:44:27 PM

Quant Time: May 10 09:28:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	670999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1199116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	435377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	519173	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	403863	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.09	98	1551766	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.40	95	527709	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	311014	45.526	ug/l	99
3) Chloromethane	2.06	50	510666	46.012	ug/l	99
4) Vinyl Chloride	2.19	62	502593	47.973	ug/l	99
5) Bromomethane	2.54	94	277725	48.383	ug/l	100
6) Chloroethane	2.69	64	311824	51.098	ug/l	98
7) Trichlorofluoromethane	3.01	101	567960	49.416	ug/l	99
8) Diethyl Ether	3.41	74	256587	49.709	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	341928	46.760	ug/l	99
10) Methyl Iodide	3.95	142	495534	50.138	ug/l	99
11) Tert butyl alcohol	4.81	59	335794	225.105	ug/l	99
12) 1,1-Dichloroethene	3.73	96	364718	49.732	ug/l	100
13) Acrolein	3.61	56	220179	221.468	ug/l	98
14) Allyl chloride	4.32	41	706704	47.043	ug/l	99
15) Acrylonitrile	4.99	53	1113177	240.996	ug/l	99
16) Acetone	3.82	43	895200	191.364	ug/l	98
17) Carbon Disulfide	4.05	76	992888	49.605	ug/l	99
18) Methyl Acetate	4.33	43	376338	38.073	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1226247	50.321	ug/l	98
20) Methylene Chloride	4.55	84	457135	47.789	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	400390	50.356	ug/l	97
22) Diisopropyl ether	5.96	45	1526749	50.012	ug/l	99
23) Vinyl Acetate	5.90	43	4688908	198.608	ug/l	100
24) 1,1-Dichloroethane	5.85	63	816266	49.532	ug/l	99
25) 2-Butanone	6.84	43	1449148	224.254	ug/l	97
26) 2,2-Dichloropropane	6.82	77	371311	36.144	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	468488	50.982	ug/l	97
28) Bromochloromethane	7.19	49	441685	51.610	ug/l	95
29) Tetrahydrofuran	7.22	42	991154	232.013	ug/l	100
30) Chloroform	7.37	83	768979	50.477	ug/l	99
31) Cyclohexane	7.65	56	751413	46.085	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	591400	50.977	ug/l	99
36) 1,1-Dichloropropene	7.79	75	574207	48.606	ug/l	98
37) Ethyl Acetate	6.93	43	482908	37.474	ug/l	99
38) Carbon Tetrachloride	7.77	117	479083	48.162	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	647864	44.979	ug/l	98
40) Benzene	8.04	78	1813939	49.475	ug/l	100
41) Methacrylonitrile	7.18	41	288540	48.242	ug/l	97
42) 1,2-Dichloroethane	8.12	62	607195	47.139	ug/l	99
43) Isopropyl Acetate	8.17	43	831829	42.489	ug/l	98
44) Trichloroethene	8.84	130	425954	48.827	ug/l	94
45) 1,2-Dichloropropane	9.12	63	505619	48.198	ug/l	100
46) Dibromomethane	9.21	93	297726	48.963	ug/l	99
47) Bromodichloromethane	9.40	83	576401	49.550	ug/l	98
48) Methyl methacrylate	9.20	41	445062	47.183	ug/l	97
49) 1,4-Dioxane	9.20	88	165759	901.624	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2937762	228.160	ug/l	99
52) Toluene	10.16	92	1052709	50.223	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	552802	49.479	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	649991	48.687	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	415389	48.912	ug/l	99
56) Ethyl methacrylate	10.43	69	619490	49.041	ug/l	98
57) 1,3-Dichloropropane	10.71	76	749920	49.739	ug/l	100
59) 2-Hexanone	10.75	43	2017721	223.450	ug/l	100
60) Dibromochloromethane	10.90	129	405052	52.458	ug/l	99
61) 1,2-Dibromoethane	11.00	107	409517	50.188	ug/l	97
64) Tetrachloroethene	10.63	164	394573	46.033	ug/l	99
65) Chlorobenzene	11.43	112	1067429	49.599	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	382985	51.692	ug/l	100
67) Ethyl Benzene	11.51	91	1987991	49.184	ug/l	99
68) m/p-Xylenes	11.62	106	1442246	99.427	ug/l	100
69) o-Xylene	11.95	106	714230	50.096	ug/l	98
70) Stvrene	11.96	104	1180396	51.677	ug/l	99
71) Bromoform	12.13	173	263976	52.799	ug/l	100
73) Isopropylbenzene	12.25	105	1869959	52.199	ug/l	100
74) N-amyl acetate	12.07	43	595985	36.056	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	597737	51.271	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	489553m	41.304	ug/l	
77) Bromobenzene	12.53	156	435663	45.406	ug/l	97
78) n-propylbenzene	12.59	91	2119041	45.379	ug/l	100
79) 2-Chlorotoluene	12.67	91	1296771	44.560	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1584933	45.519	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	131956	41.080	ug/l	99
82) 4-Chlorotoluene	12.77	91	1271547	46.240	ug/l	99
83) tert-Butylbenzene	12.99	119	1321995	44.295	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1554647	48.683	ug/l	100
85) sec-Butylbenzene	13.17	105	1761973	44.421	ug/l	99
86) p-Isopropyltoluene	13.29	119	1487796	46.089	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	730950	49.301	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	702655	48.023	ug/l	99
89) n-Butylbenzene	13.61	91	1167836	46.673	ug/l	100
90) Hexachloroethane	13.87	117	240463	45.665	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	722129	48.734	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	90956	45.431	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	288412	45.042	ug/l	97

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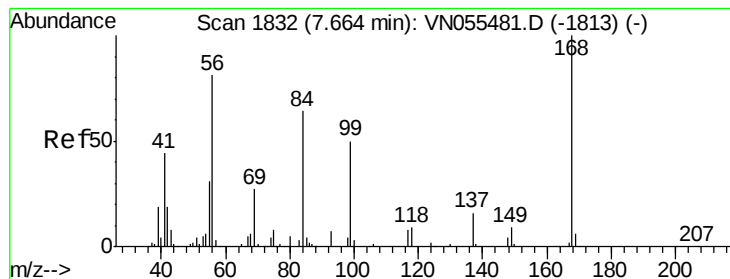
Manual Integrations
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QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	213069	48.521	ug/l	98
95) Naphthalene	15.13	128	805986	44.729	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	320248	46.040	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion:168 Resp: 670999

Ion Ratio Lower Upper

168 100

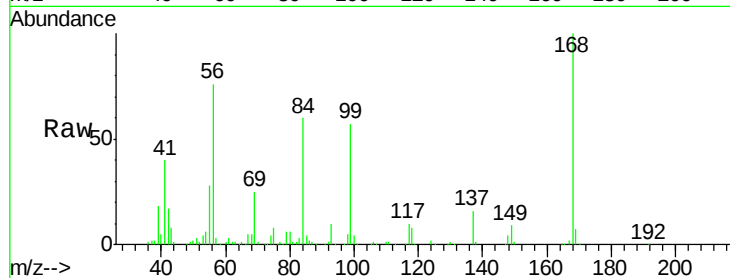
99 56.3 47.0 70.4

Manual Integrations

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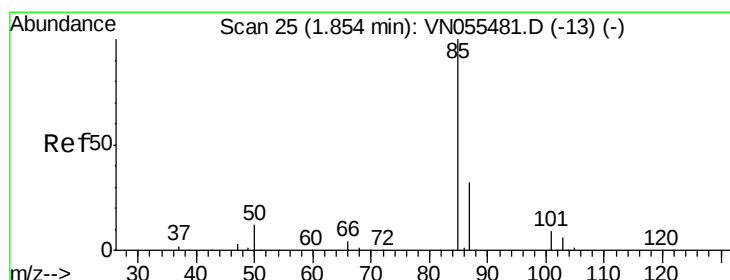
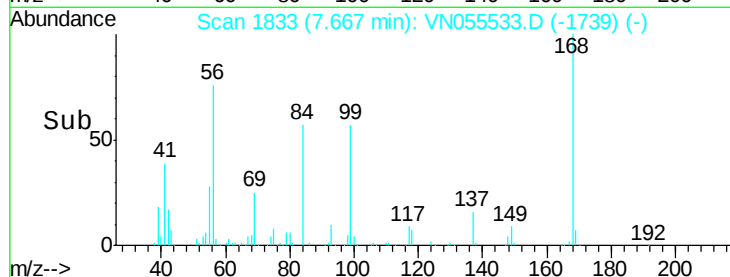
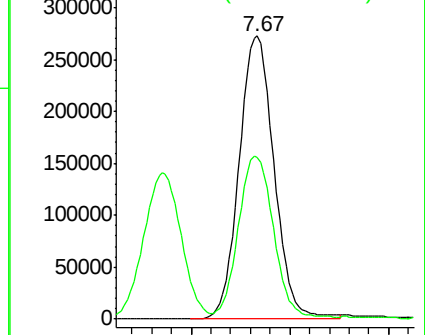
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.526 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055533.D

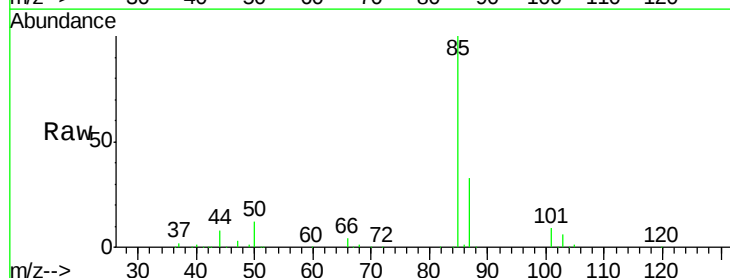
Acq: 10 May 2019 7:04

Tgt Ion: 85 Resp: 311014

Ion Ratio Lower Upper

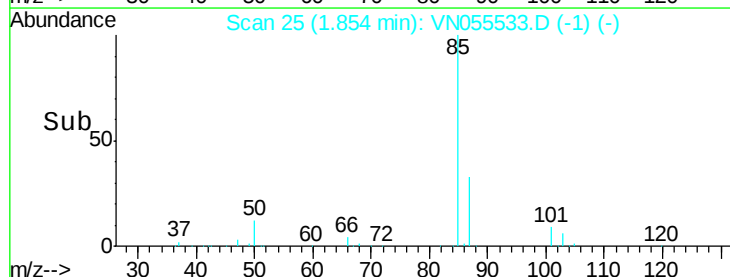
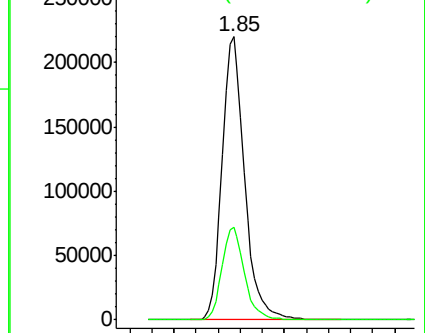
85 100

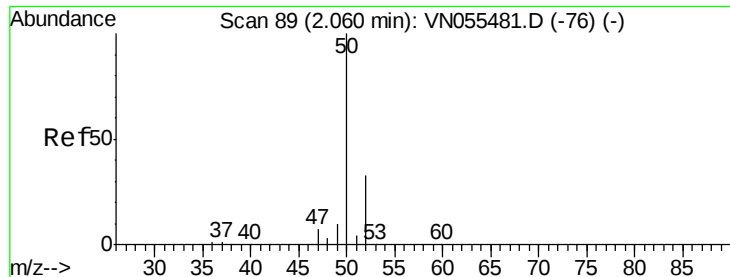
87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.012 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

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ClientSampleId :

CKMW-21MSD

Tot Ion: 50 Resp: 510666

Ion Ratio Lower Upper

50 100

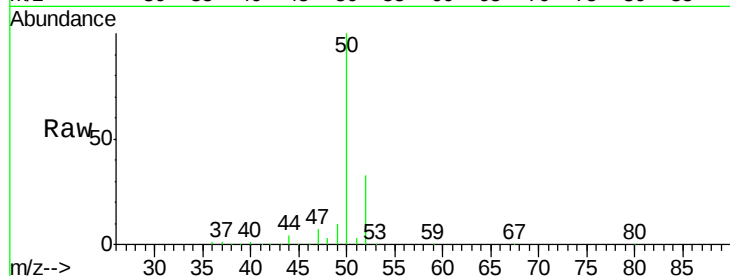
52 32.5 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

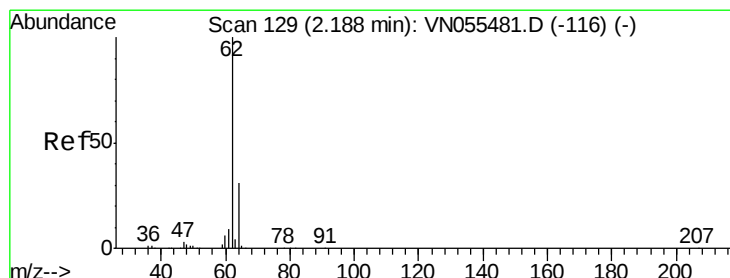
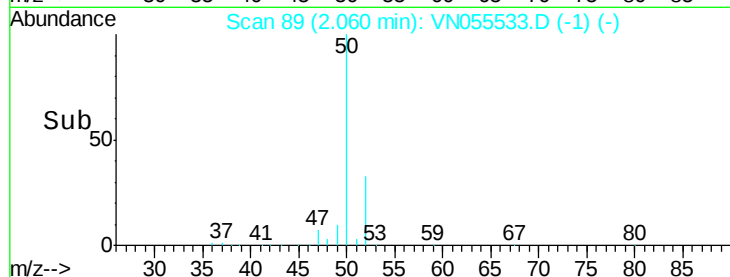
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 47.973 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055533.D

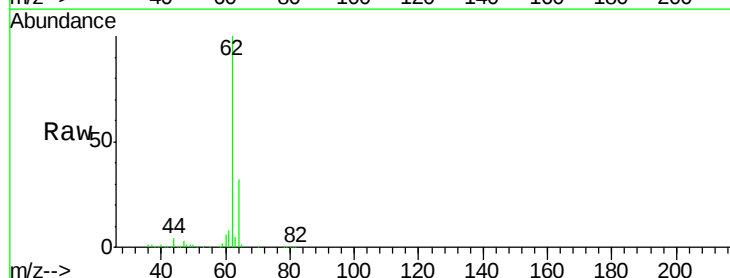
Acq: 10 May 2019 7:04

Tgt Ion: 62 Resp: 502593

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

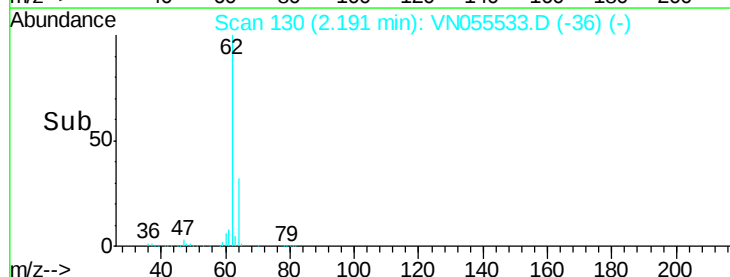
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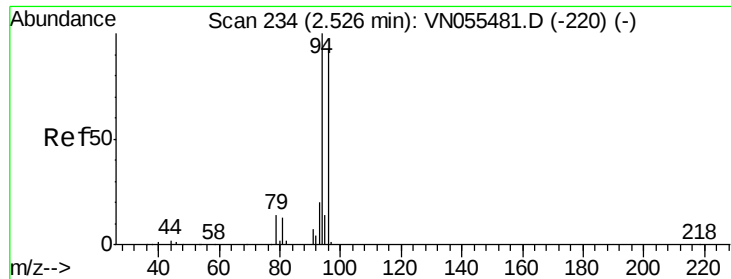
200000

100000

0

Time-->





#5

Bromomethane

Concen: 48.383 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion: 94 Resp: 277725

Ion Ratio Lower Upper

94 100

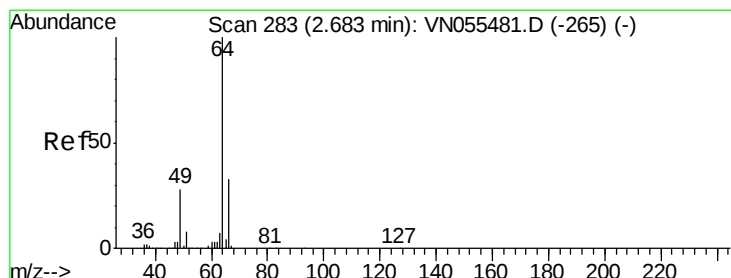
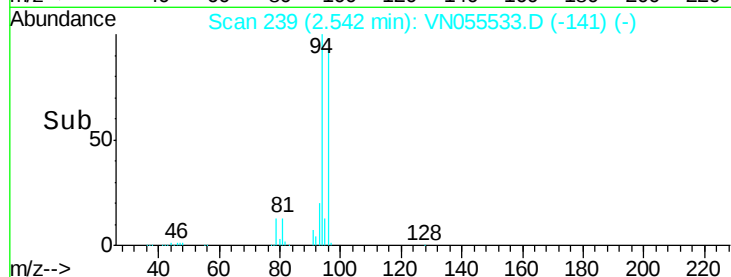
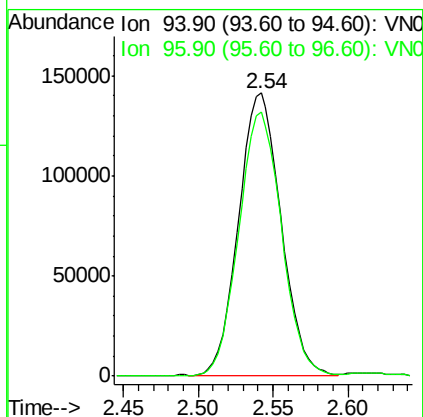
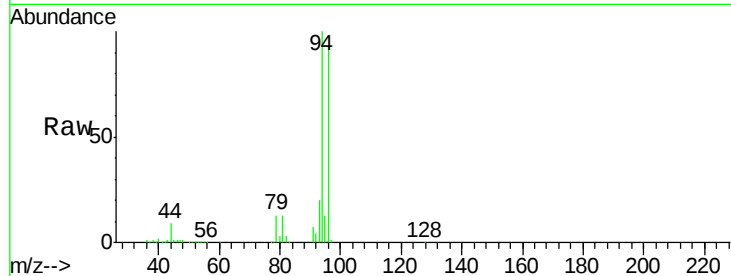
96 93.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 51.098 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055533.D

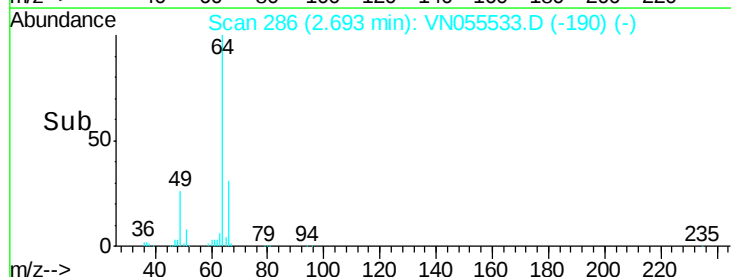
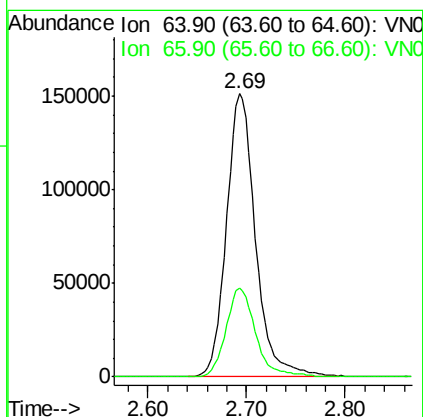
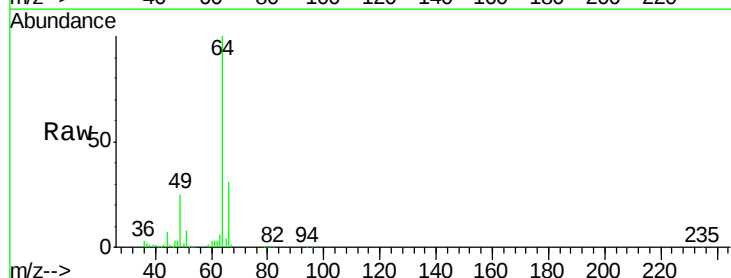
Acq: 10 May 2019 7:04

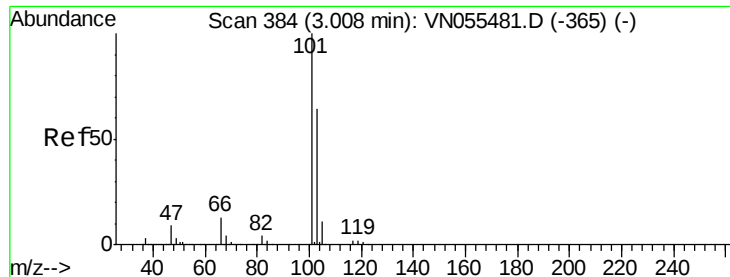
Tgt Ion: 64 Resp: 311824

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.2





#7

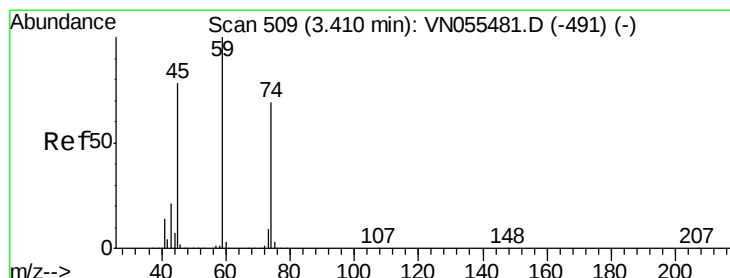
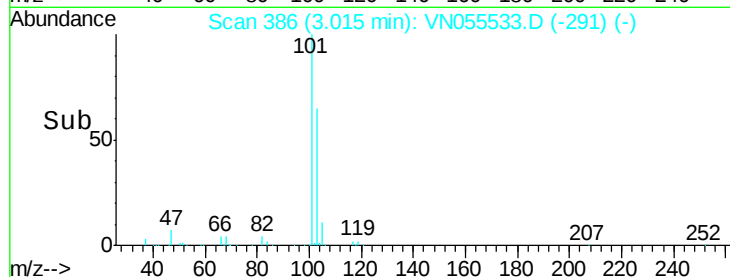
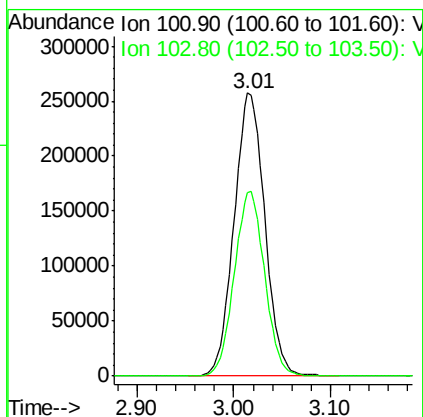
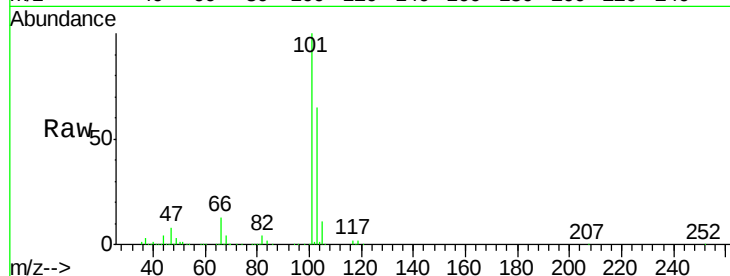
Trichlorofluoromethane
 Concen: 49.416 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	567960		
103	64.7	51.2	76.8	

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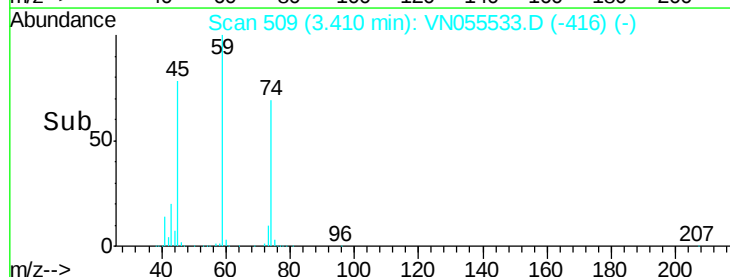
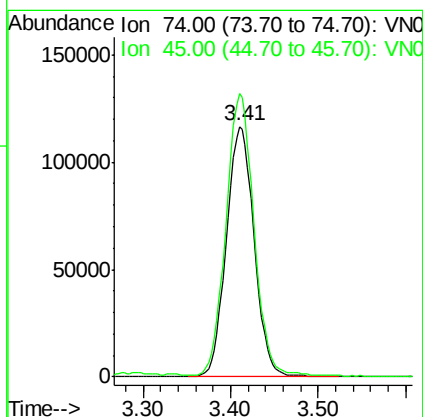
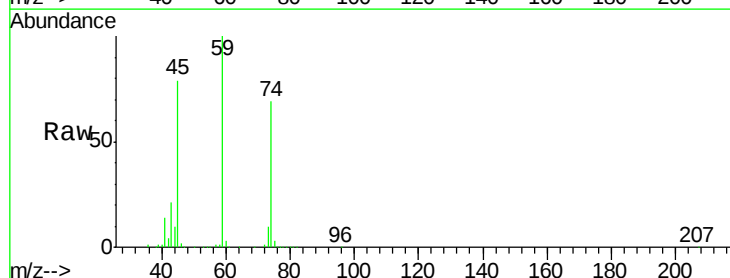
MMDadoda
 5/10/2019 12:44:27 PM

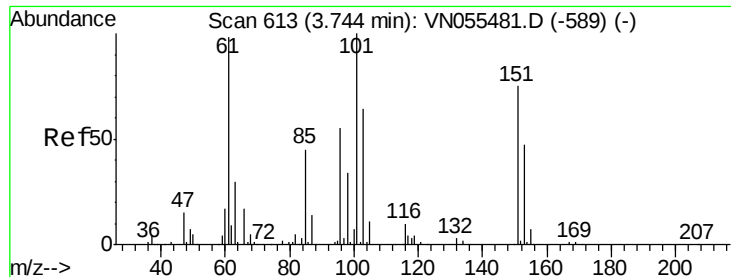


#8

Diethyl Ether
 Concen: 49.709 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	256587		
45	112.9	58.1	174.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.760 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

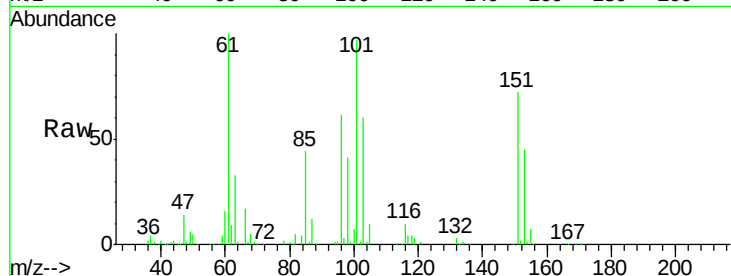
ClientSampleId :

CKMW-21MSD

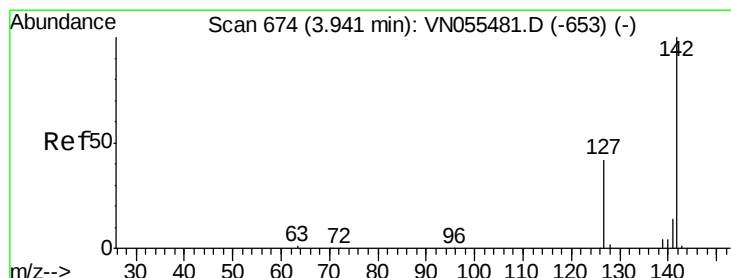
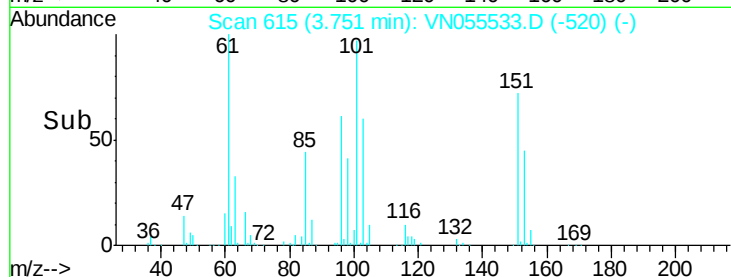
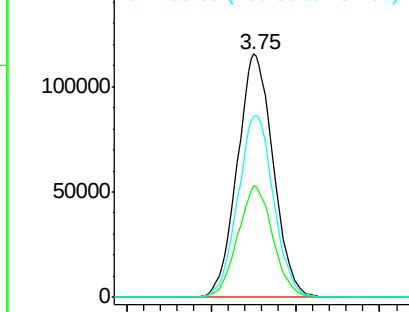
Tot Ion:	101	Resp:	341928
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.5	53.3
151	74.3	59.2	88.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.138 ug/l

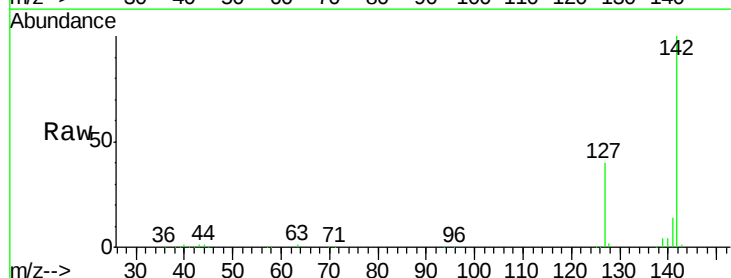
RT: 3.95 min Scan# 676

Delta R.T. 0.01 min

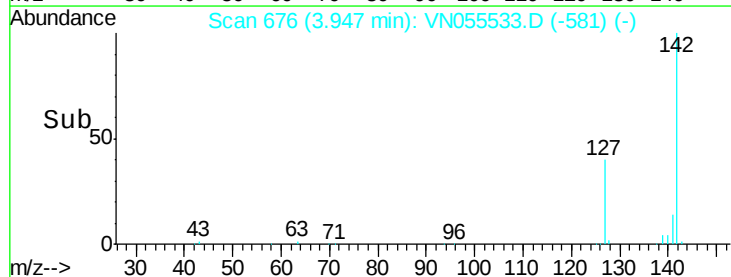
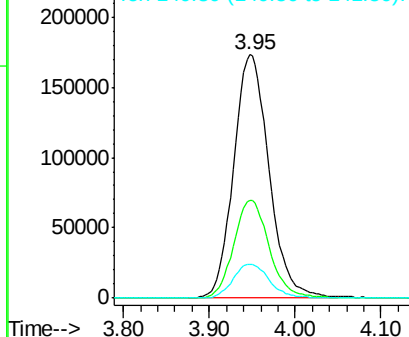
Lab File: VN055533.D

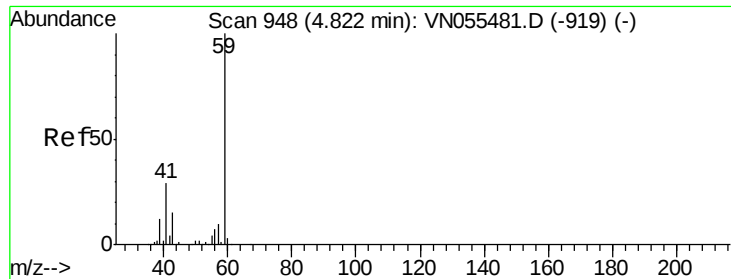
Acq: 10 May 2019 7:04

Tgt Ion:	142	Resp:	495534
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.0	49.4
141	14.3	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

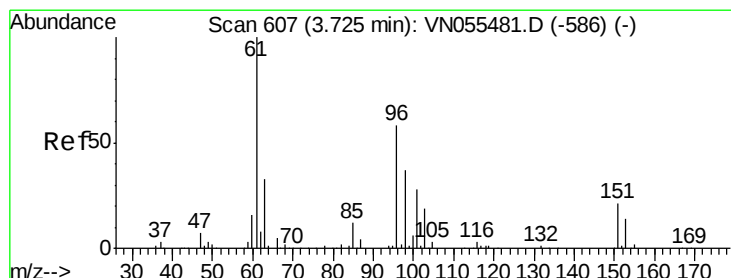
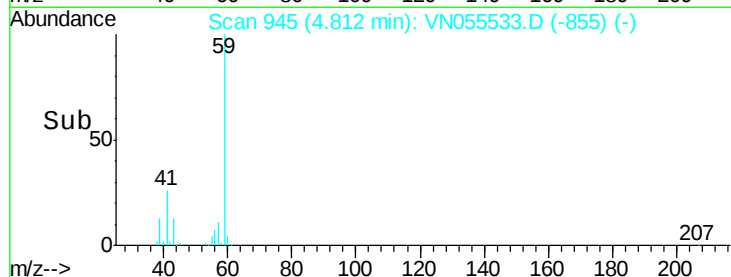
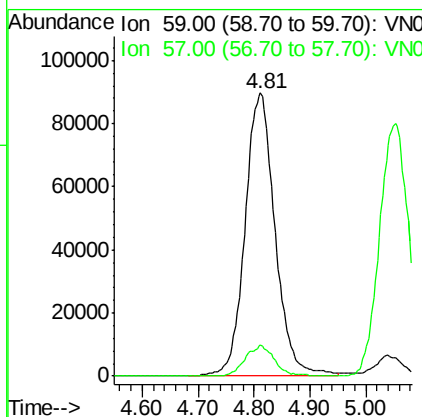
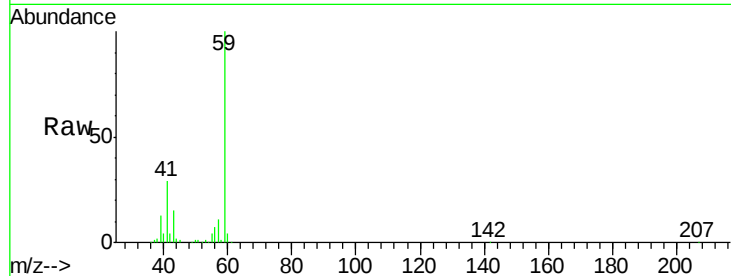
Tert butyl alcohol
Concen: 225.105 ug/l
RT: 4.81 min Scan# 945
Delta R.T. -0.01 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampled :
CKMW-21MSD

Tot Ion	59	57	Ratio	100	10.4	Resp	335794	Lower	8.0	Upper	12.0
Ion	59	57	Ratio	100	10.4	Resp	335794	Lower	8.0	Upper	12.0

Manual Integrations
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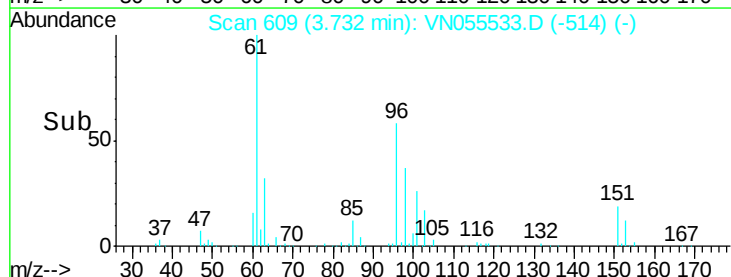
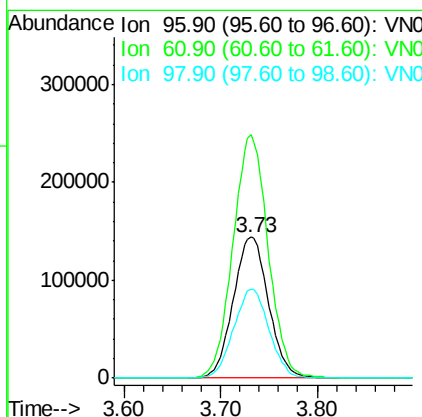
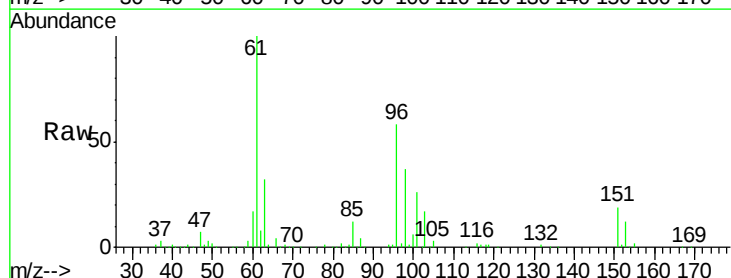
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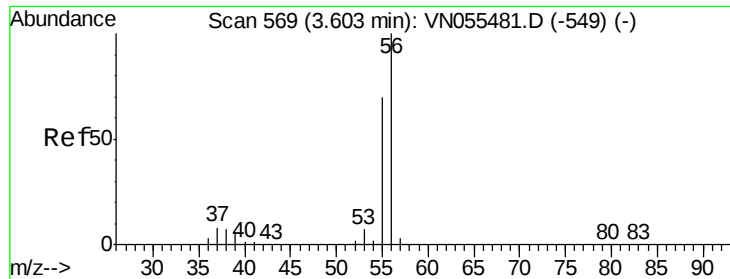


#12

1,1-Dichloroethene
Concen: 49.732 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.01 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	96	61	98	Ratio	100	172.7	63.2	Resp	364718	Lower	138.7	50.6	Upper	208.1	76.0
Ion	96	61	98	Ratio	100	172.7	63.2	Resp	364718	Lower	138.7	50.6	Upper	208.1	76.0





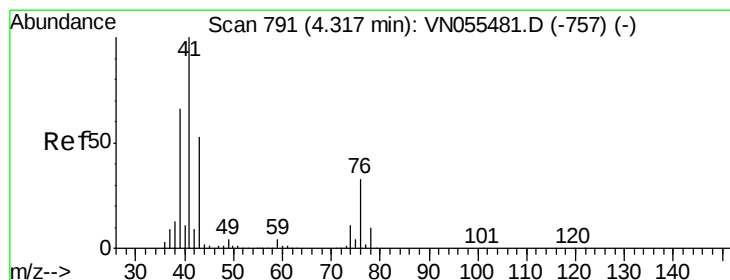
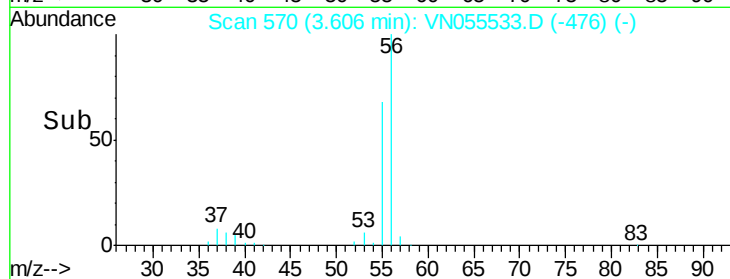
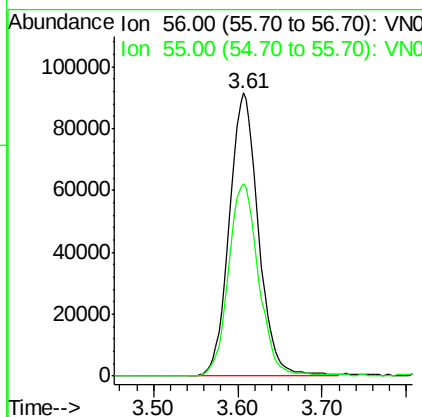
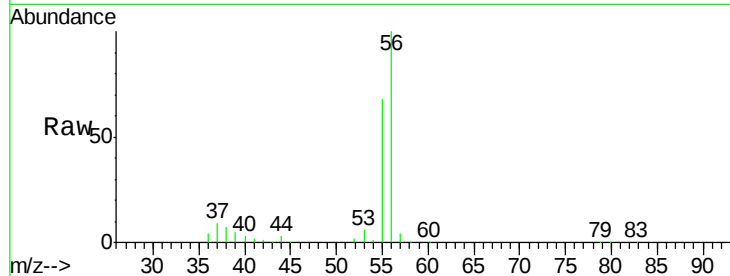
#13
Acrolein
Concen: 221.468 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampled :
CKMW-21MSD

Tot Ion	56	55	Ratio	100	70.3	Resp	220179	Lower	57.7	Upper	86.5
Ion											

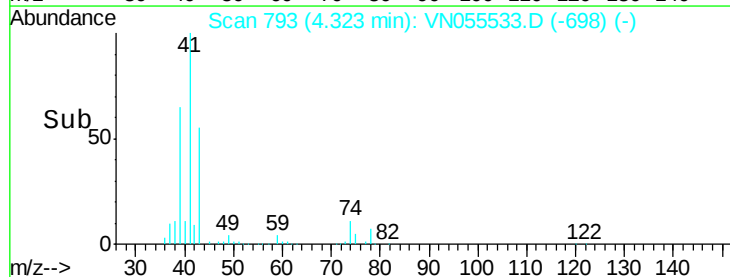
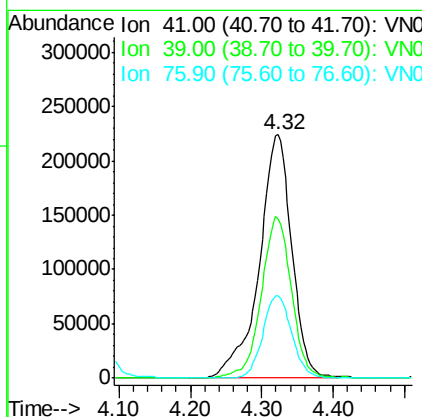
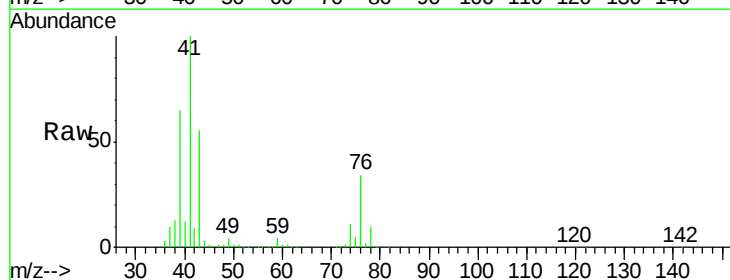
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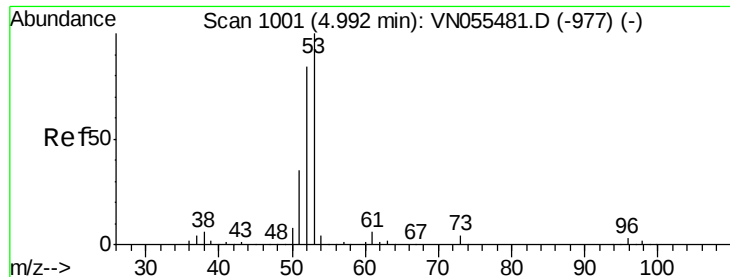
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#14
Allyl chloride
Concen: 47.043 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	41	39	76	Ratio	100	61.5	30.0	Resp	706704	Lower	49.8	23.5	Upper	74.8	35.3
Ion															





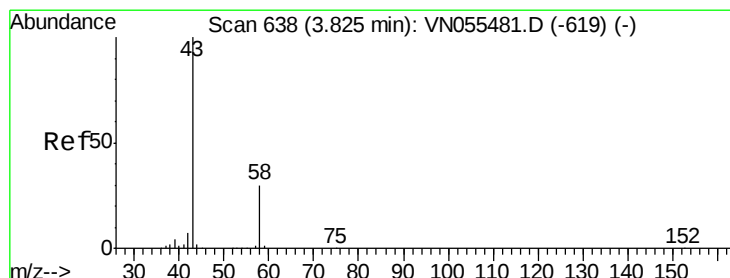
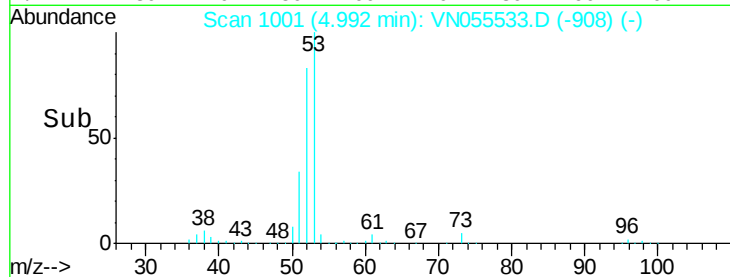
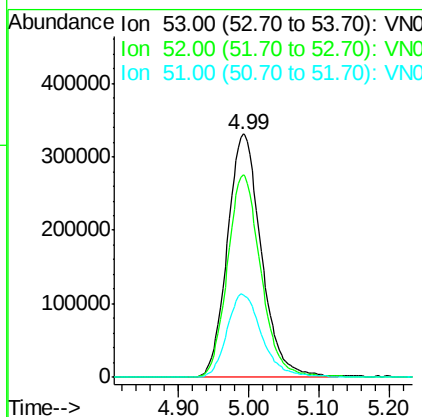
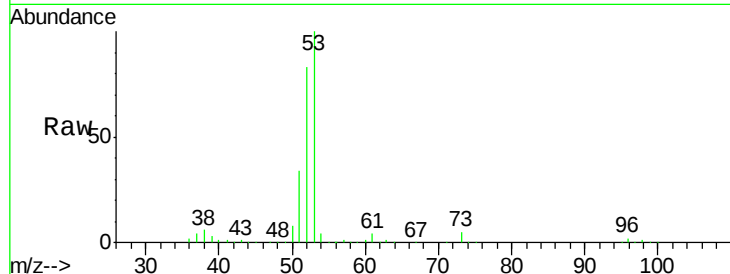
#15
 Acrylonitrile
 Concen: 240.996 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.1	99.1
51	35.5	28.3	42.5

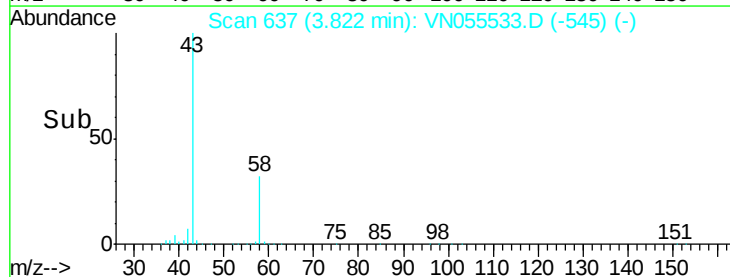
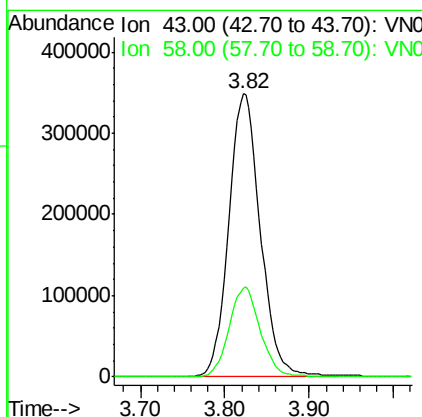
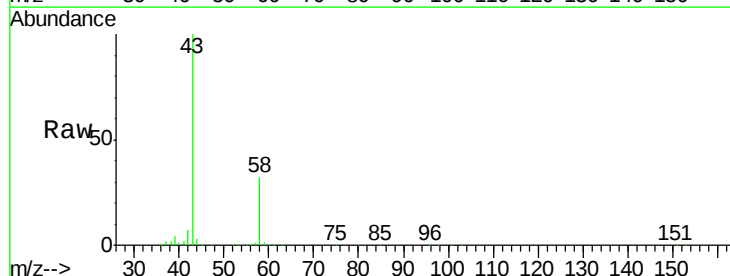
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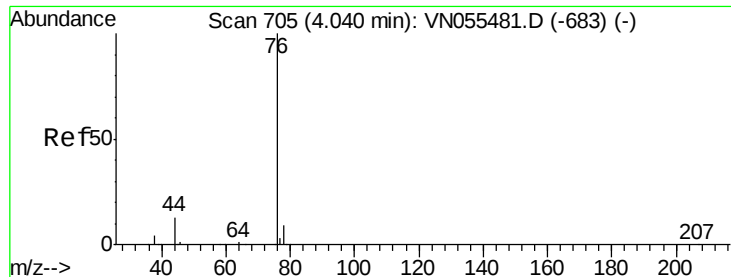
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#16
 Acetone
 Concen: 191.364 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.2	36.2





#17

Carbon Disulfide

Concen: 49.605 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion: 76 Resp: 992888

Ion Ratio Lower Upper

76 100

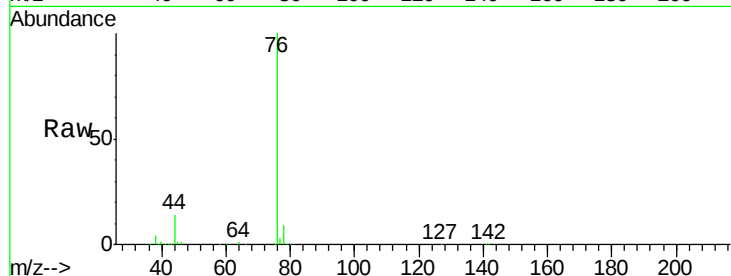
78 9.4 7.4 11.0

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

4.05

400000

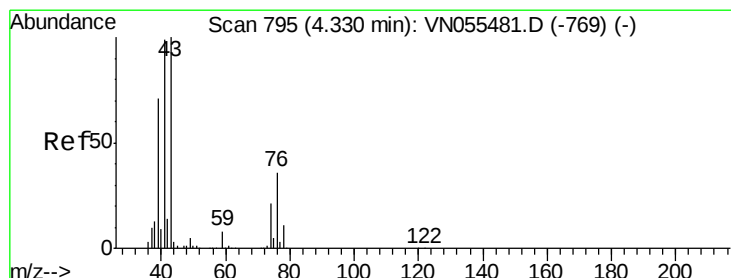
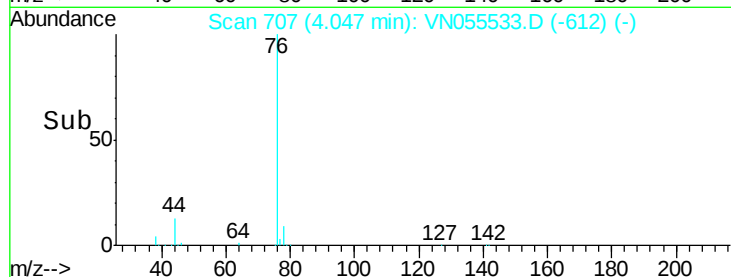
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 38.073 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055533.D

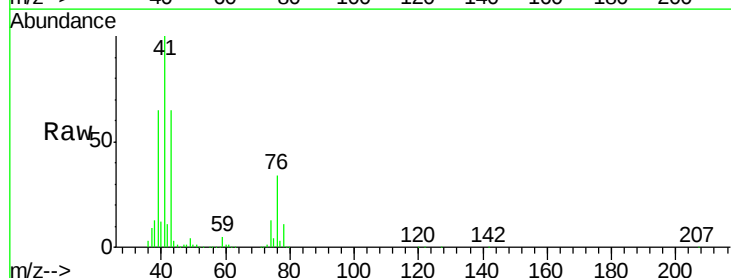
Acq: 10 May 2019 7:04

Tgt Ion: 43 Resp: 376338

Ion Ratio Lower Upper

43 100

74 21.1 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

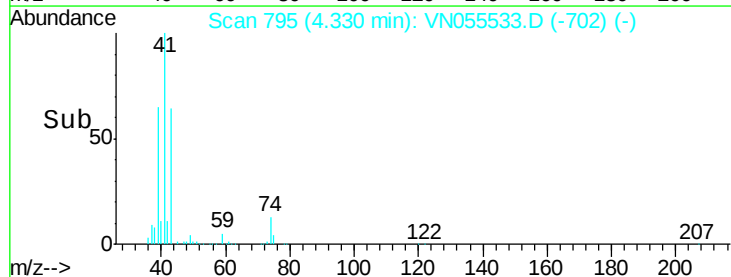
150000

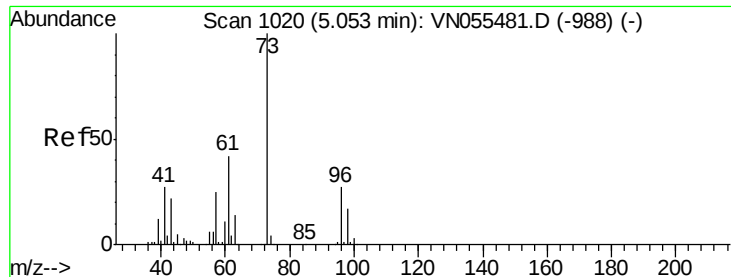
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 50.321 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion: 73 Resp: 1226247

Ion Ratio Lower Upper

73 100

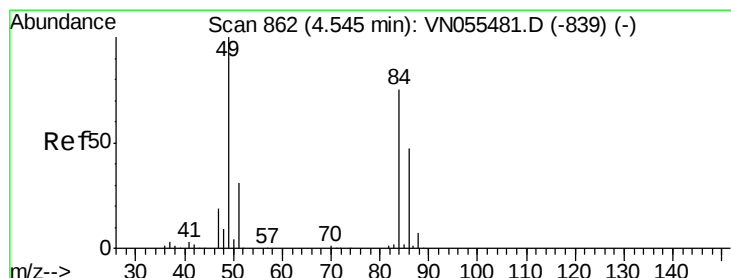
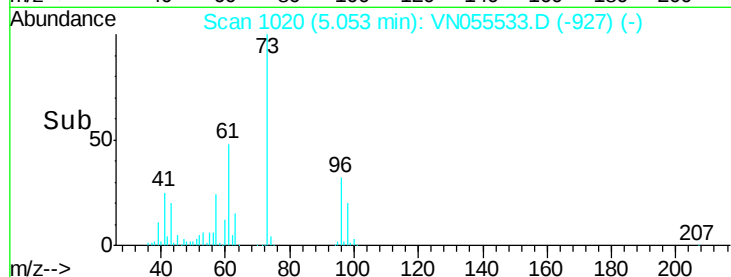
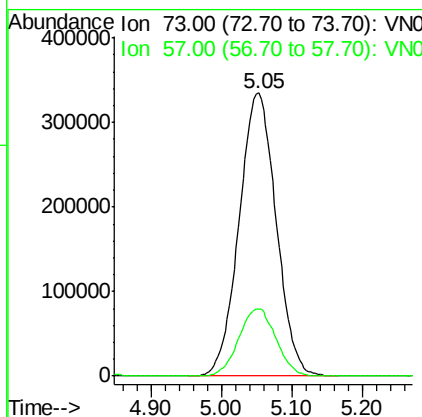
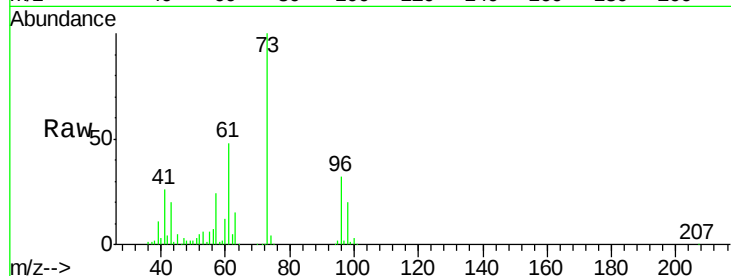
57 23.9 20.0 30.0

Manual Integrations

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#20

Methylene Chloride

Concen: 47.789 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tgt Ion: 84 Resp: 457135

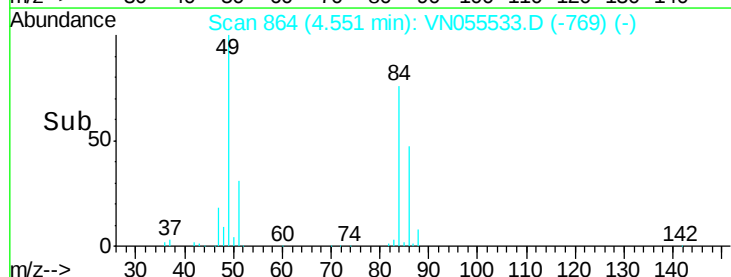
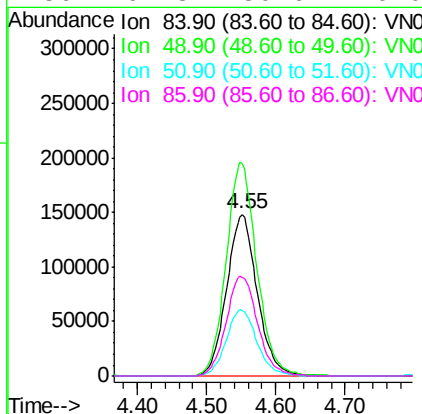
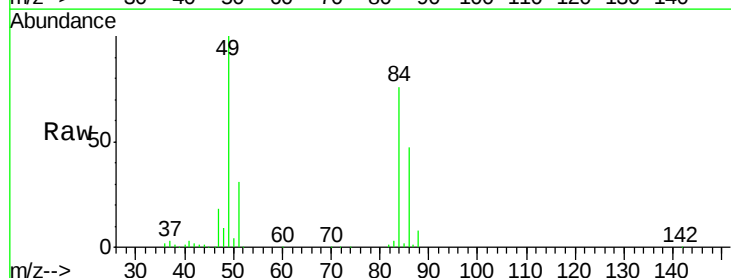
Ion Ratio Lower Upper

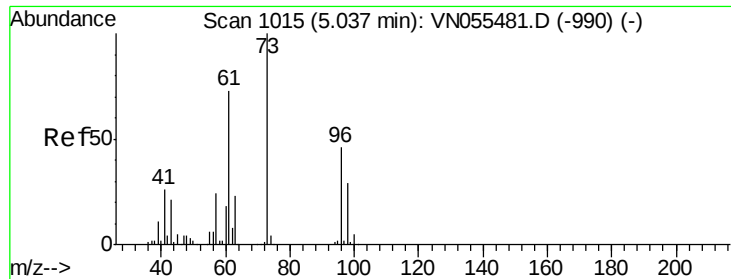
84 100

49 131.5 107.0 160.6

51 40.7 33.0 49.4

86 61.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.356 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampled :

CKMW-21MSD

Tot Ion: 96 Resp: 400390

Ion Ratio Lower Upper

96 100

61 154.5 127.4 191.0

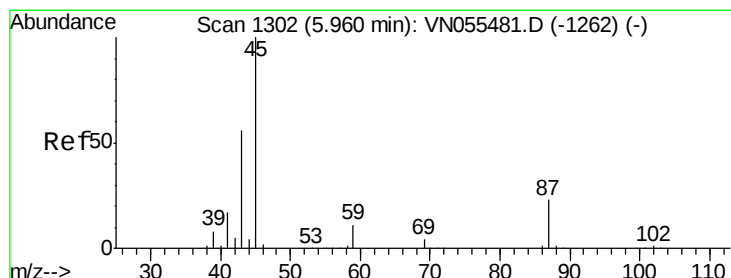
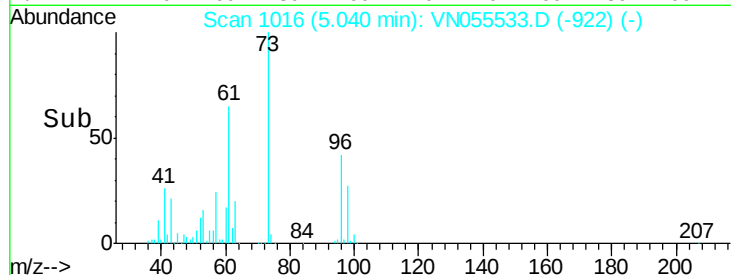
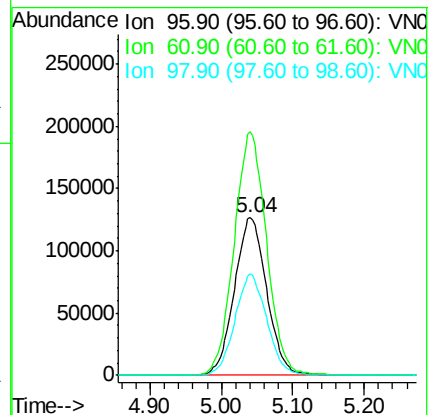
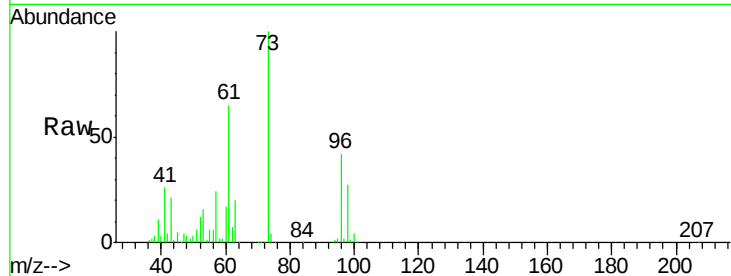
98 64.5 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.012 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tgt Ion: 45 Resp: 1526749

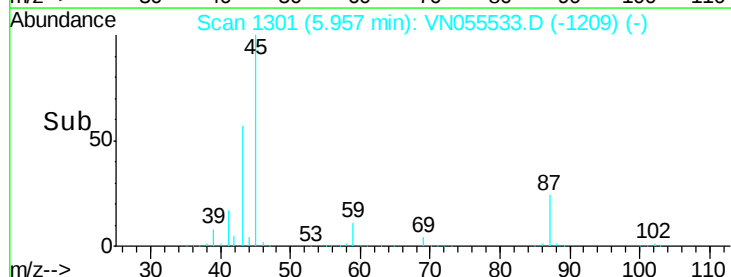
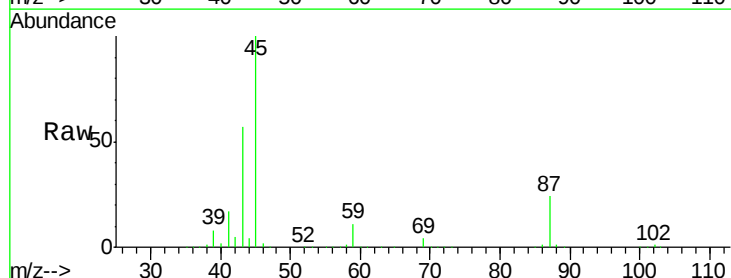
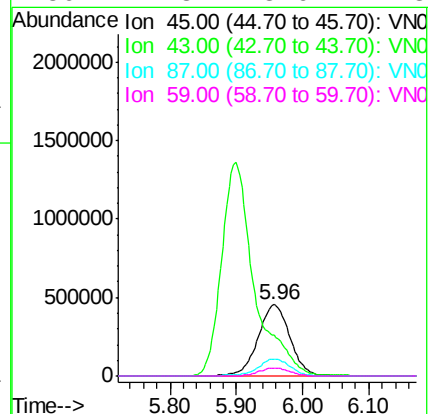
Ion Ratio Lower Upper

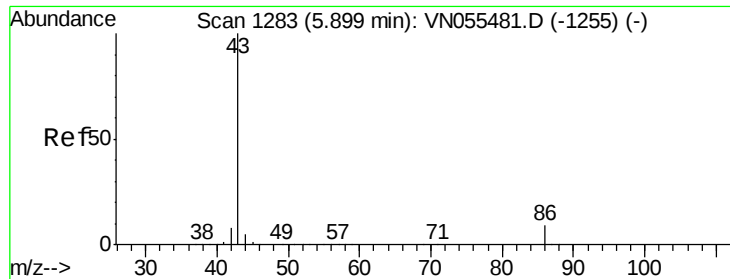
45 100

43 56.3 44.6 66.8

87 23.4 18.6 28.0

59 11.3 8.6 12.8





#23

Vinyl Acetate

Concen: 198.608 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion: 43 Resp: 4688908

Ion Ratio Lower Upper

43 100

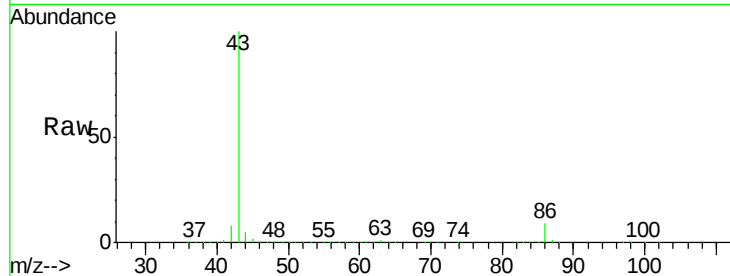
86 9.0 7.1 10.7

Manual Integrations

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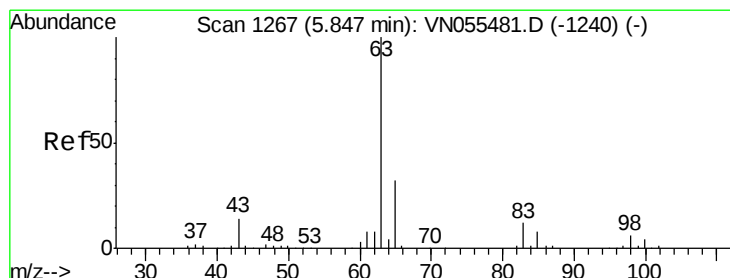
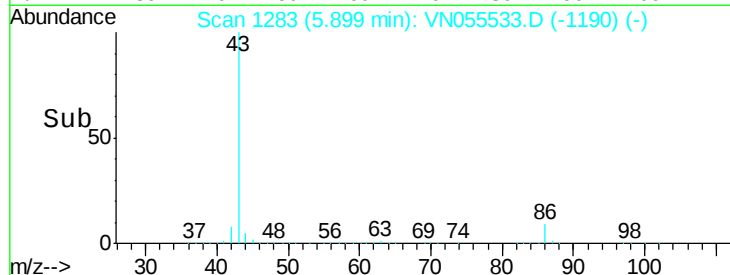
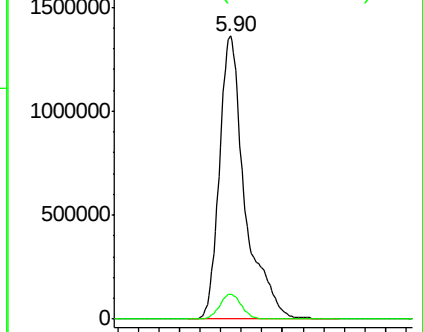
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.532 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

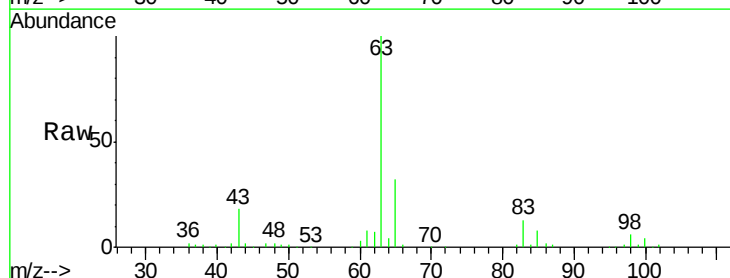
Tgt Ion: 63 Resp: 816266

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

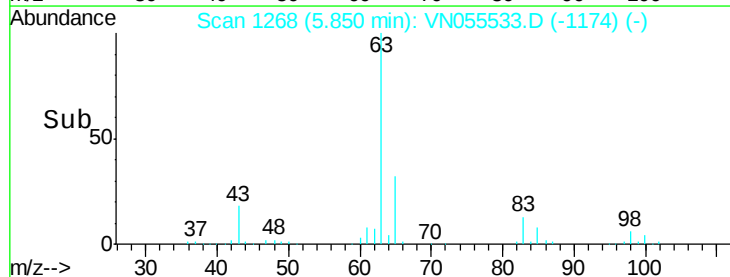
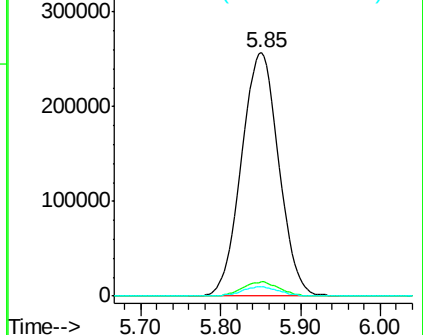
100 4.0 1.9 5.7

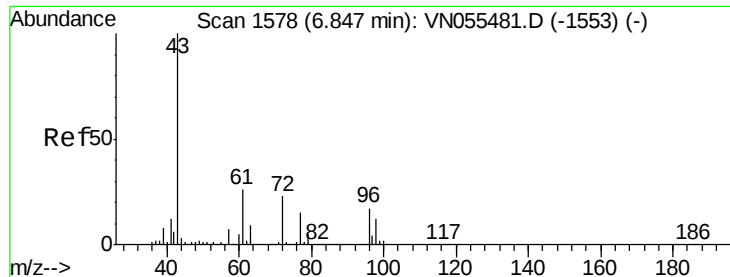


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





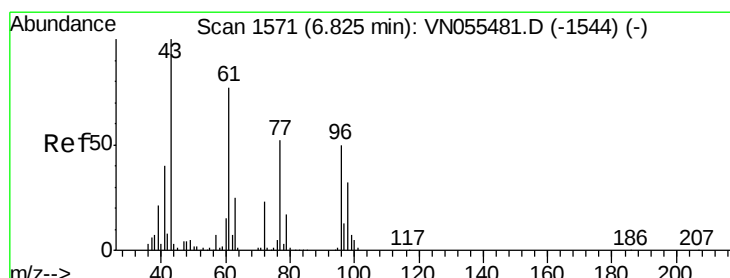
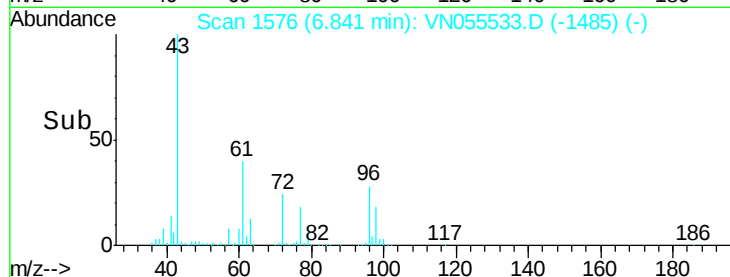
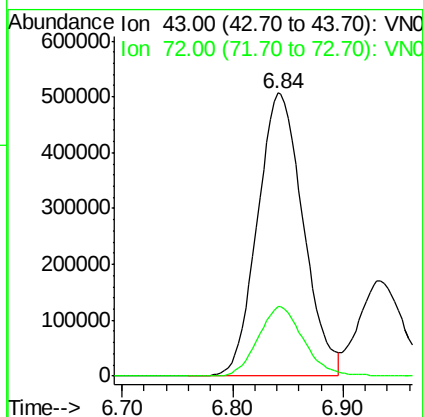
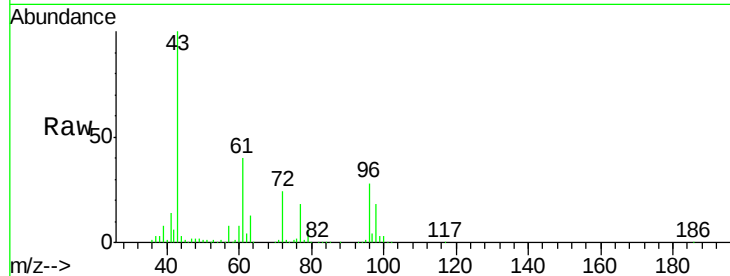
#25
2-Butanone
Concen: 224.254 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion: 43 Resp: 1449148
Ion Ratio Lower Upper
43 100
72 24.4 18.6 27.8

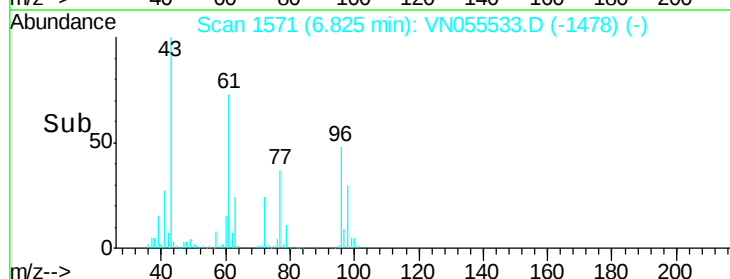
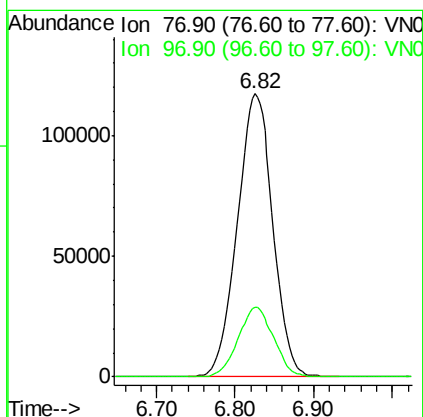
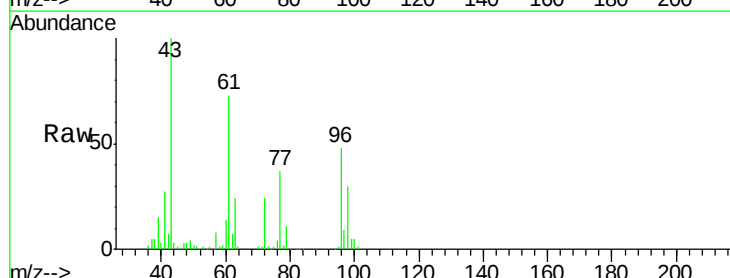
Manual Integrations
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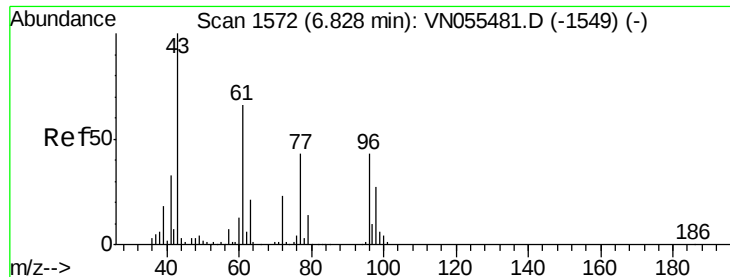
MMDadoda
5/10/2019 12:44:27 PM



#26
2,2-Dichloropropane
Concen: 36.144 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion: 77 Resp: 371311
Ion Ratio Lower Upper
77 100
97 24.6 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 50.982 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

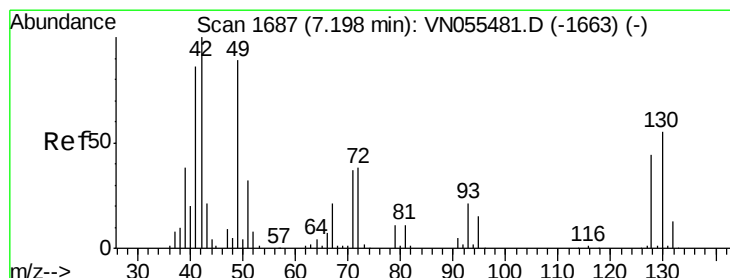
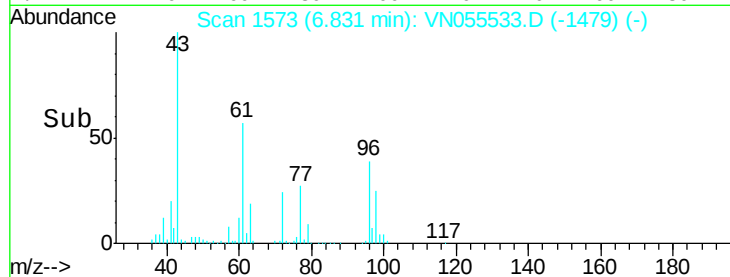
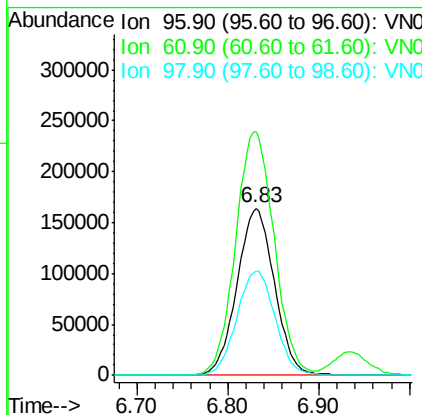
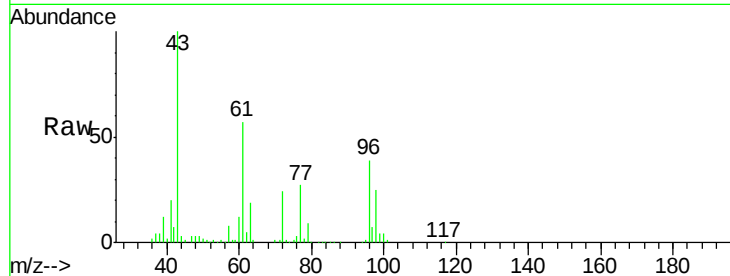
ClientSampleId :

CKMW-21MSD

Tot Ion:	96	Resp:	468488
Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	310.8
98	64.0	0.0	129.4

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5/10/2019 12:44:27 PM



#28

Bromochloromethane

Concen: 51.610 ug/l

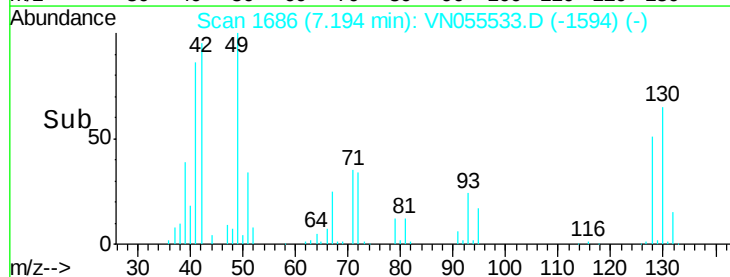
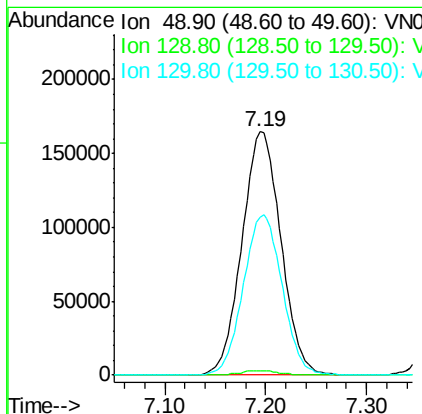
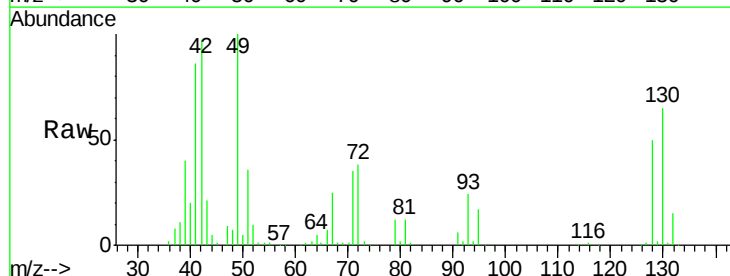
RT: 7.19 min Scan# 1686

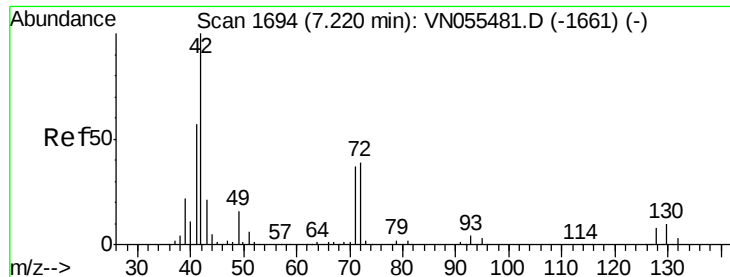
Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tgt Ion:	49	Resp:	441685
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	65.5	49.5	74.3





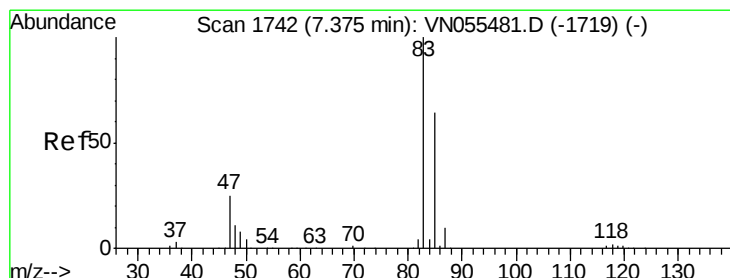
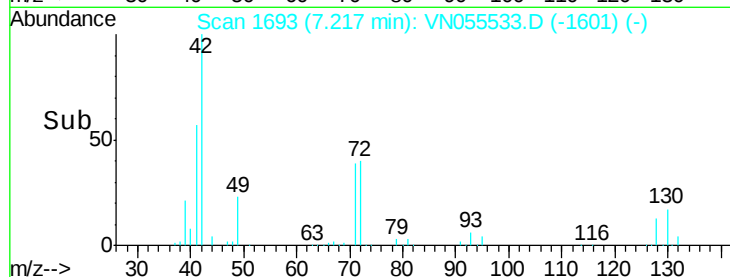
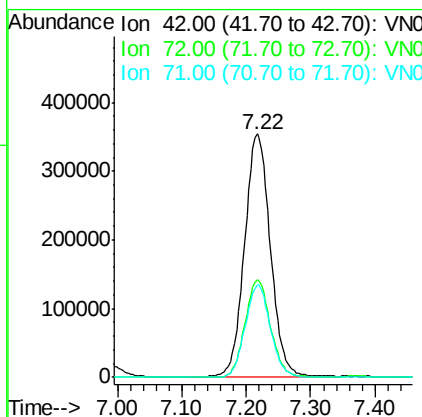
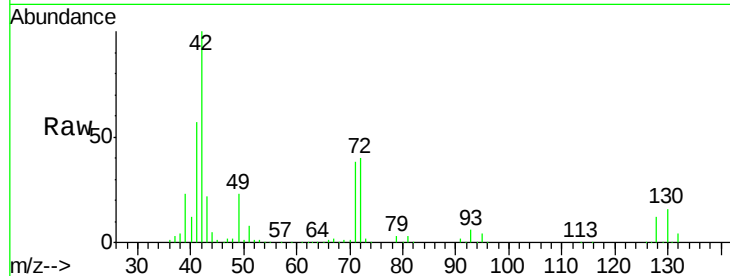
#29
Tetrahydrofuran
Concen: 232.013 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	31.0	46.6
71	37.0	29.4	44.2

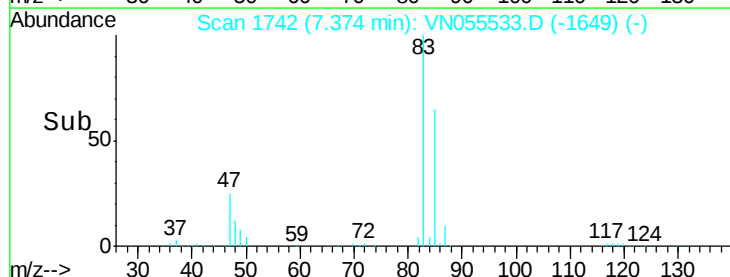
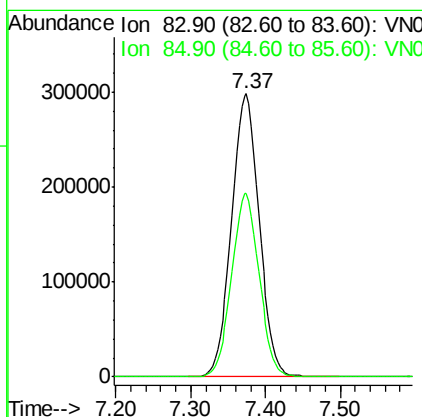
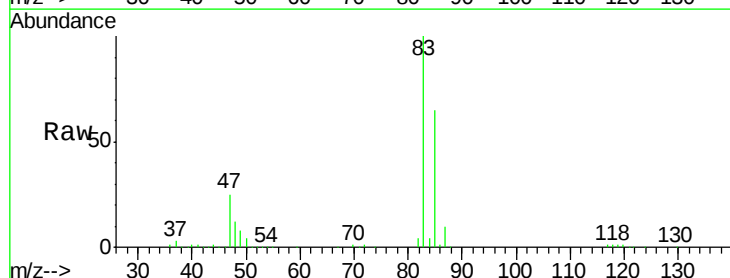
Manual Integrations
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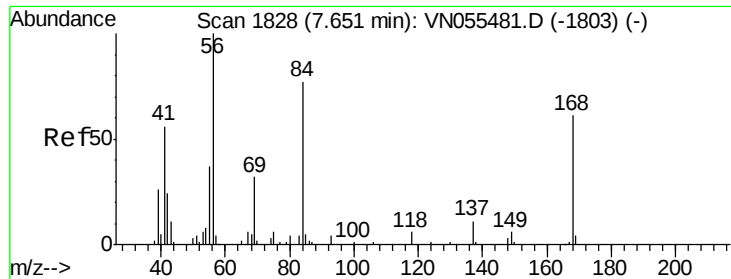
MMDadoda
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#30
Chloroform
Concen: 50.477 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.3	76.9





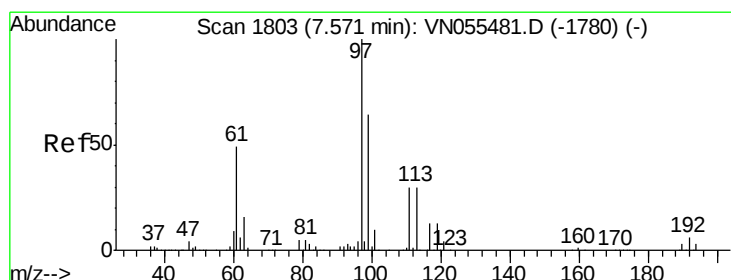
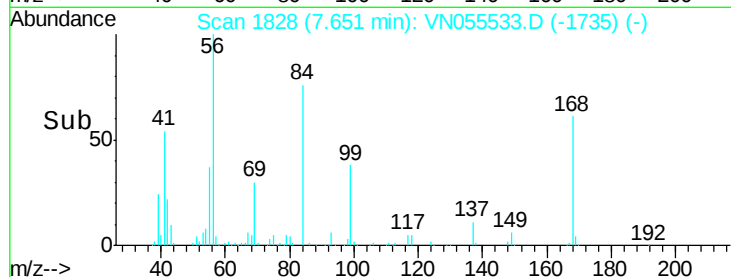
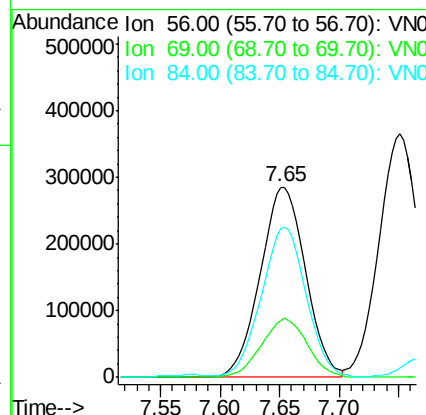
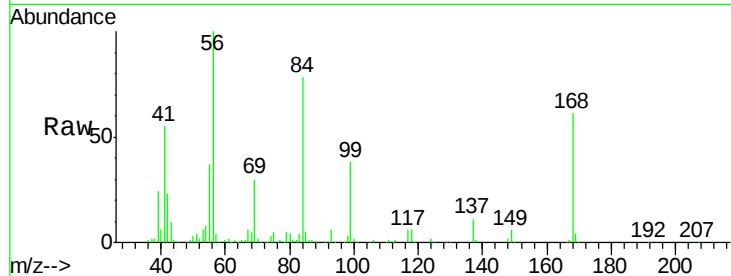
#31
Cyclohexane
Concen: 46.085 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	26.0	39.0
84	76.7	61.9	92.9

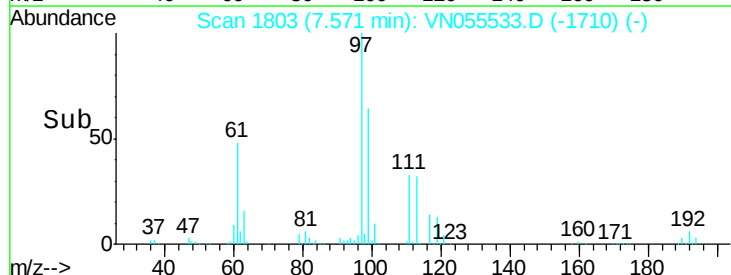
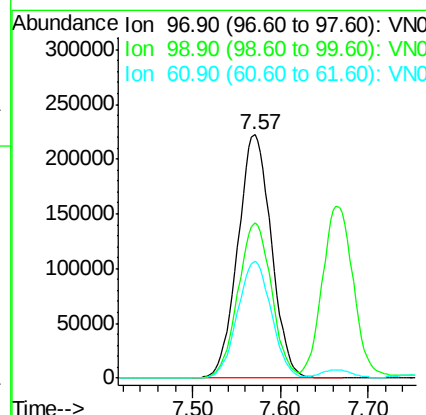
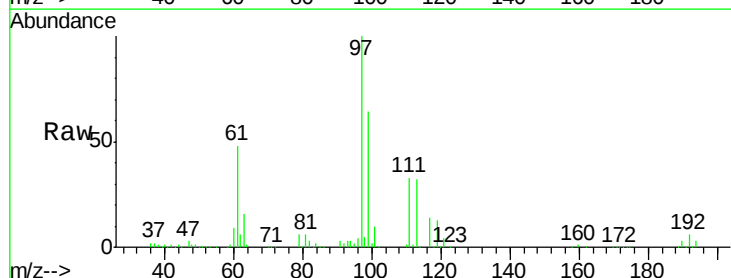
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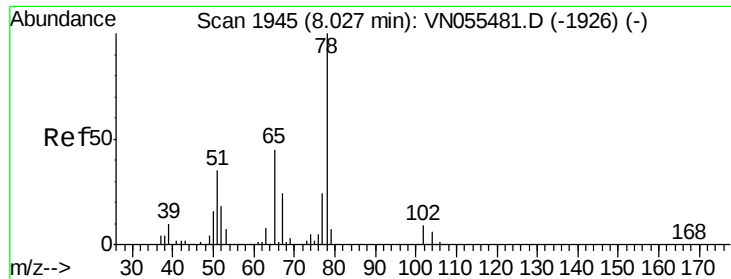
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.977 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	48.4	39.2	58.8





#33

1,2-Dichloroethane-d4

Concen: 51.388 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion: 65 Resp: 519173

Ion Ratio Lower Upper

65 100

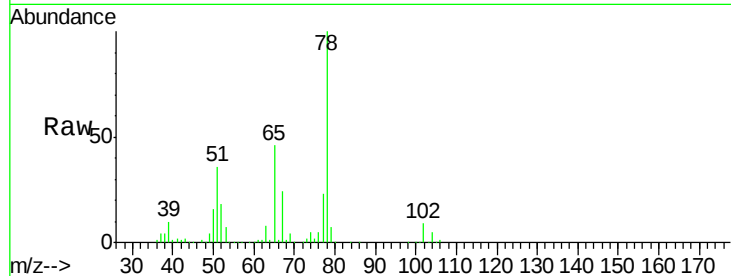
67 53.7 0.0 109.6

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Abundance Ion 64.90 (64.60 to 65.60): VN055533.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055533.D (-1852) (-)

8.03

200000

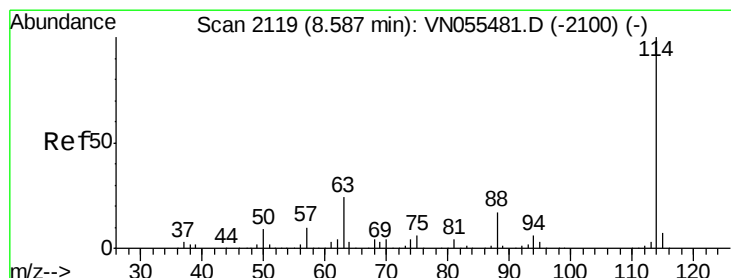
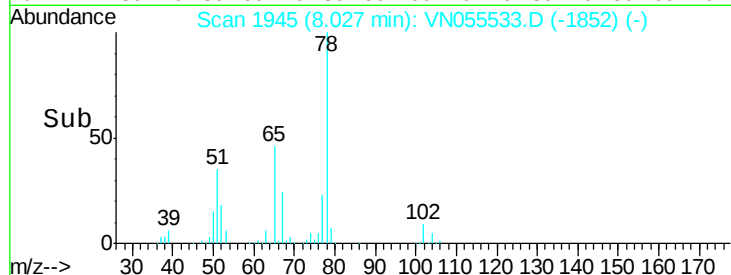
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

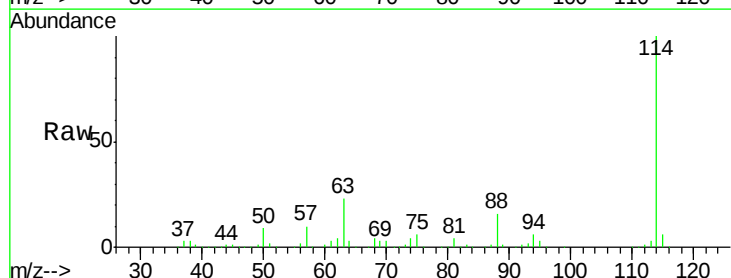
Tgt Ion: 114 Resp: 1199116

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.4

88 16.2 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN055533.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055533.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055533.D (-2026) (-)

8.59

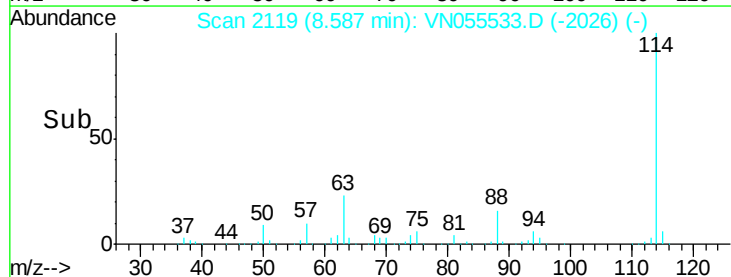
600000

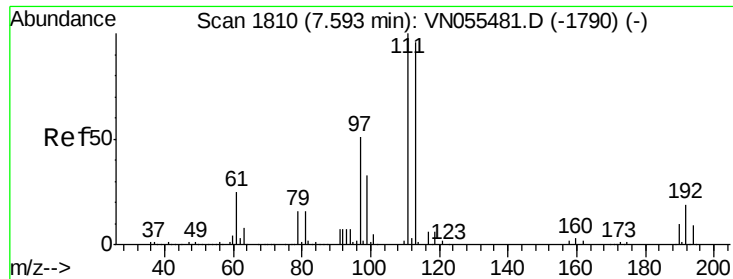
400000

200000

0

Time-->





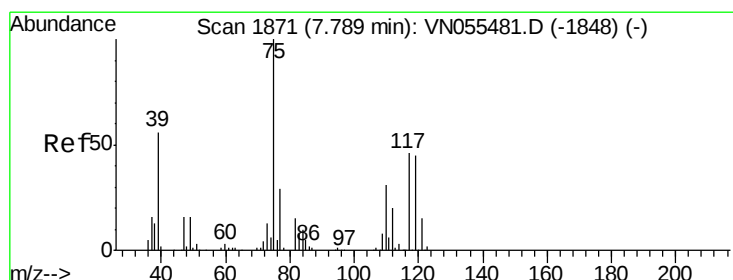
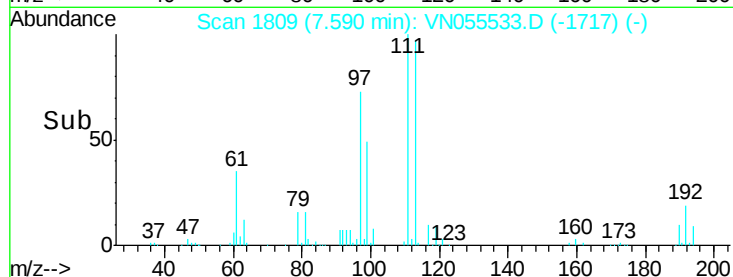
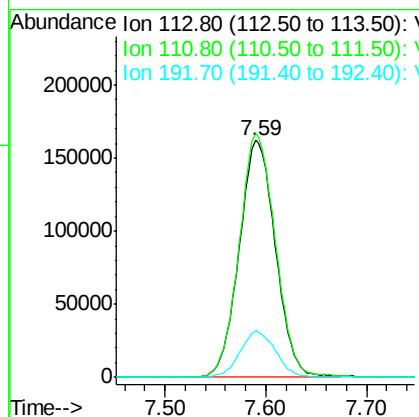
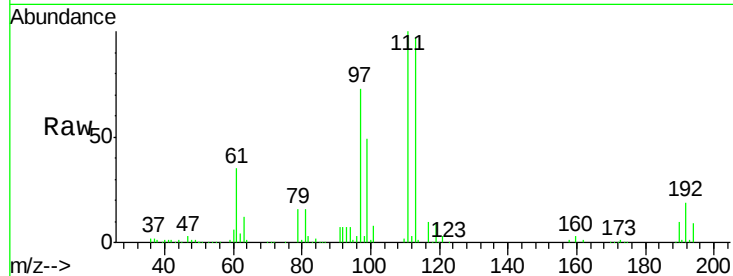
#35
Dibromofluoromethane
Concen: 52.211 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	82.9	124.3	
192	19.1	15.6	23.4	

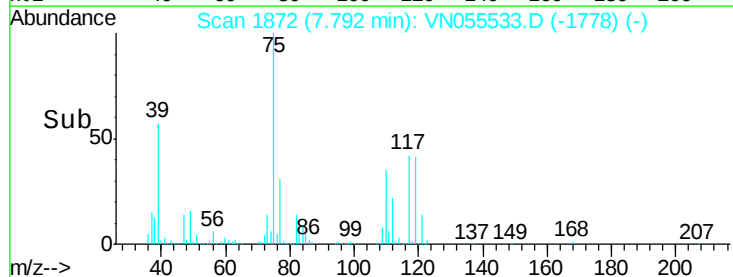
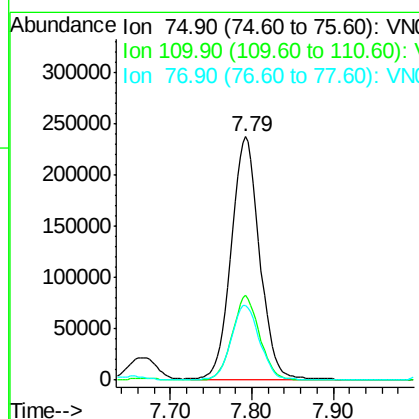
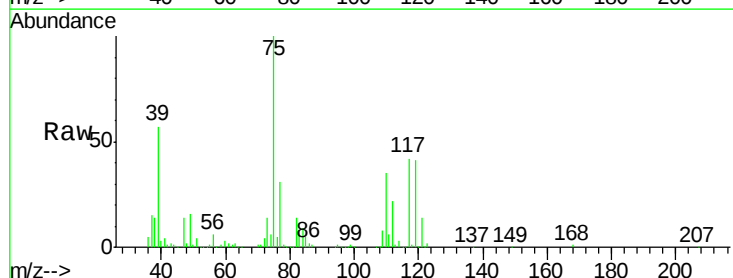
Manual Integrations
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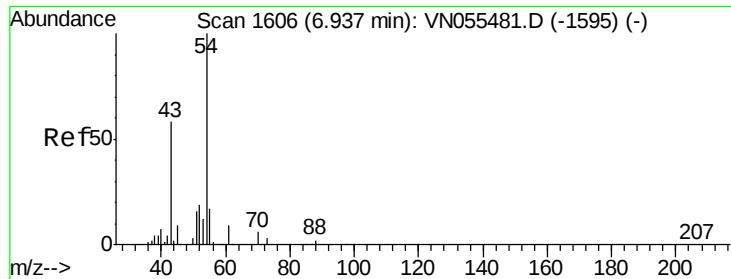
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.606 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.0	16.1	48.3	
77	31.3	24.6	37.0	





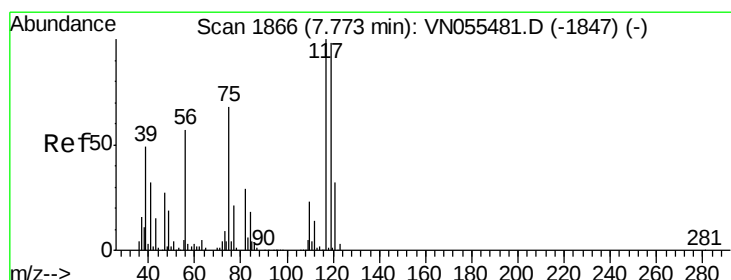
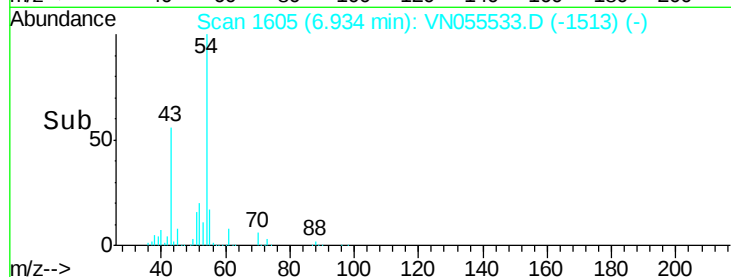
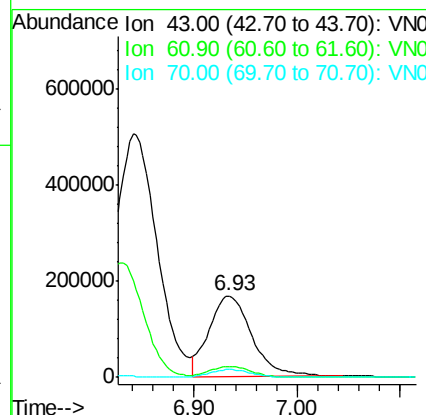
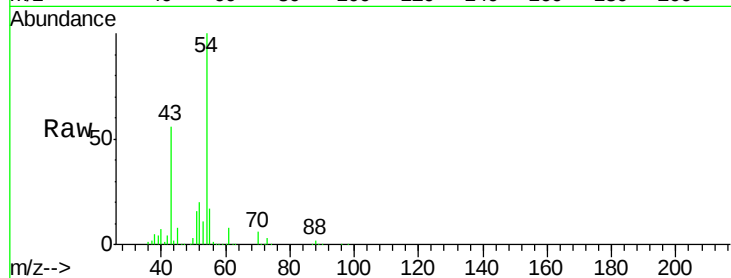
#37
Ethyl Acetate
Concen: 37.474 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	13.2	10.9	16.3	
70	9.1	7.0	10.6	

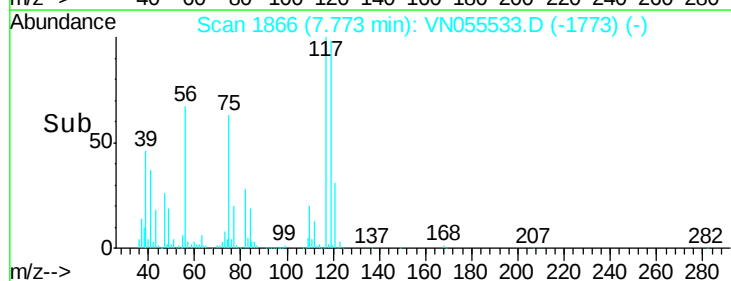
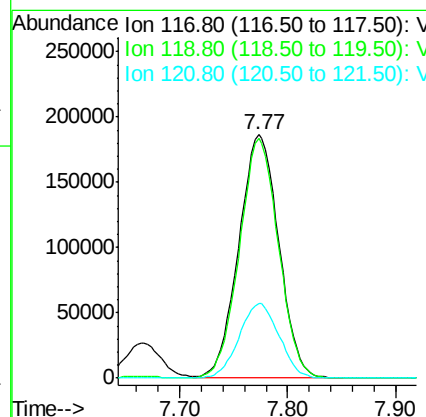
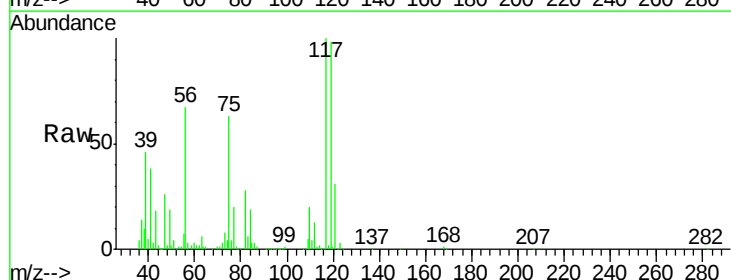
Manual Integrations
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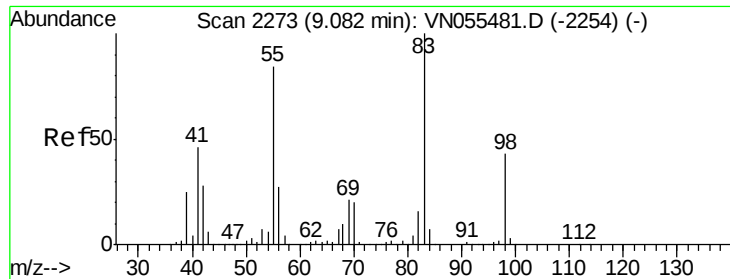
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.162 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	77.8	116.6	
121	30.9	25.2	37.8	





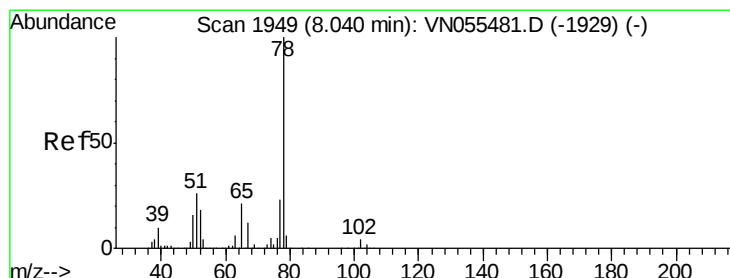
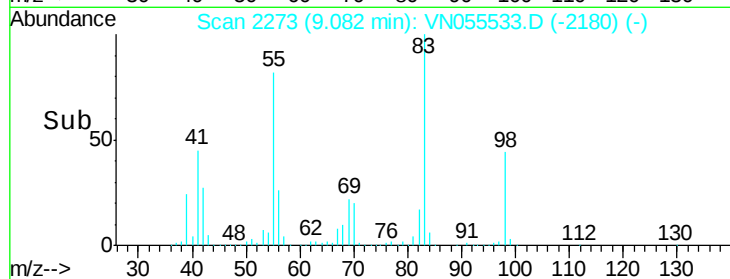
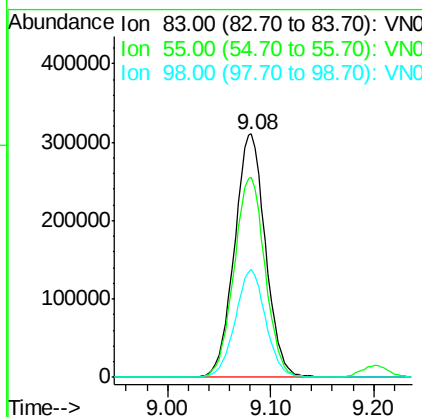
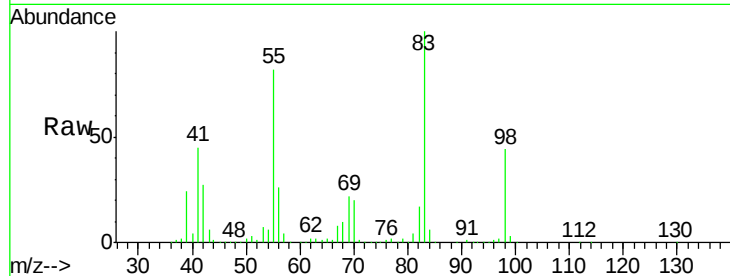
#39
Methylvlcyclohexane
Concen: 44.979 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.2	67.0	100.4
98	44.1	34.2	51.4

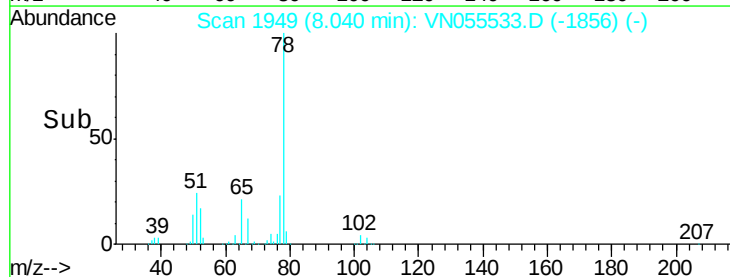
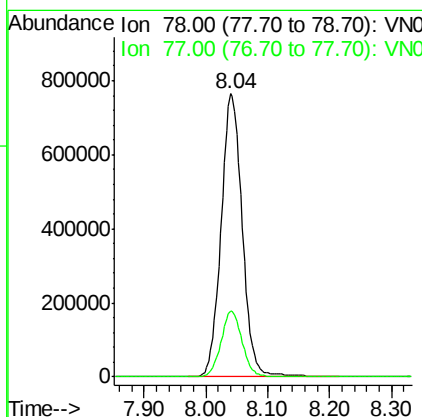
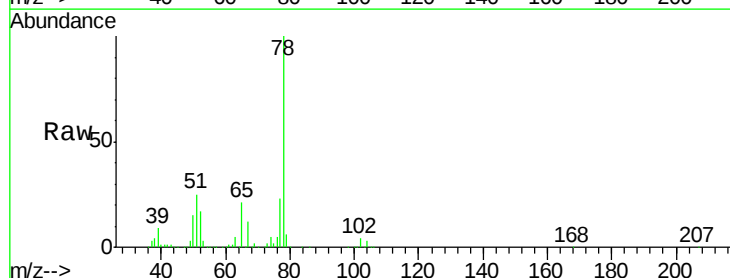
Manual Integrations
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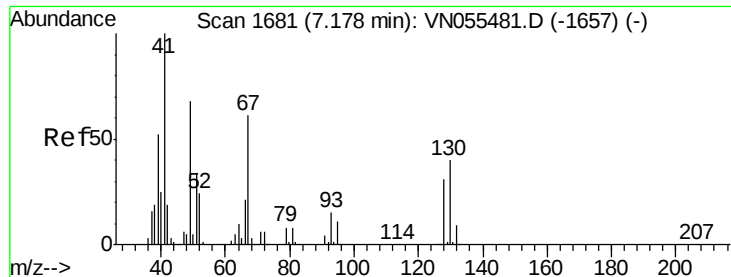
MMDadoda
5/10/2019 12:44:27 PM



#40
Benzene
Concen: 49.475 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





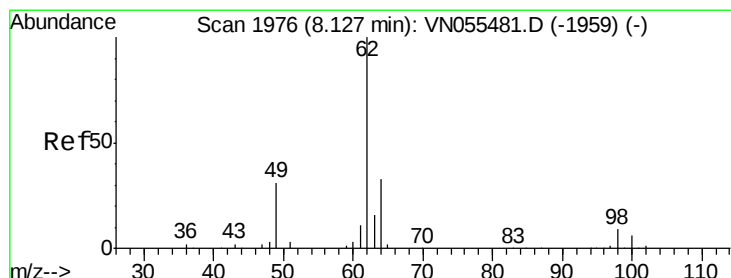
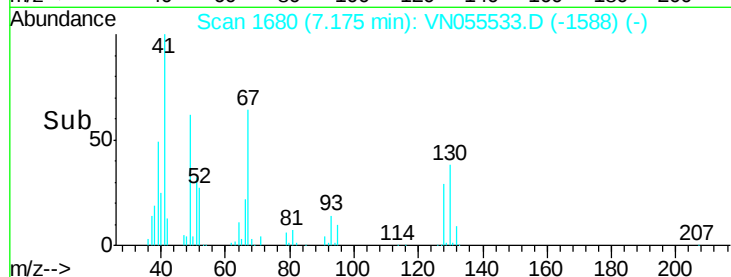
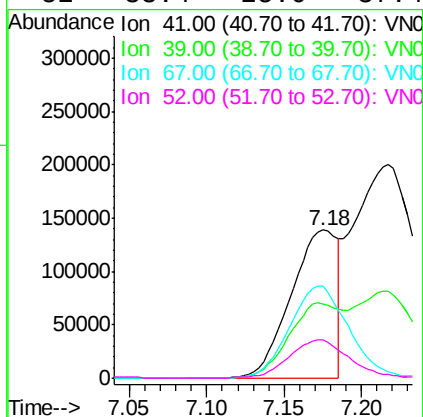
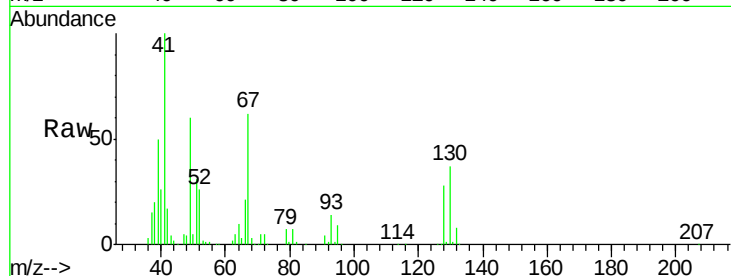
#41
Methacrylonitrile
Concen: 48.242 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	41	Resp	288540
Ion Ratio	Lower	Upper	
41	100		
39	56.1	44.7	67.1
67	80.3	61.4	92.0
52	33.4	25.0	37.4

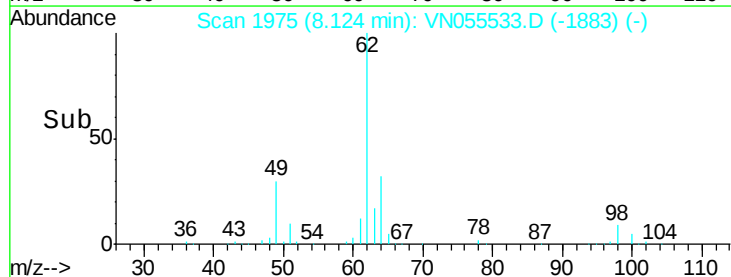
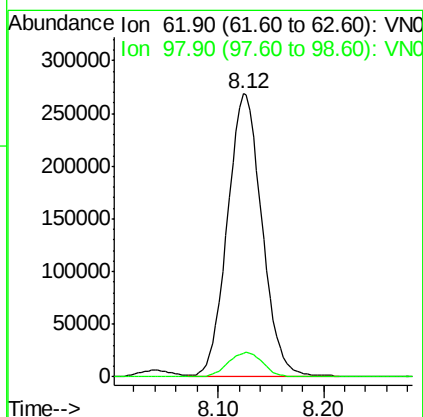
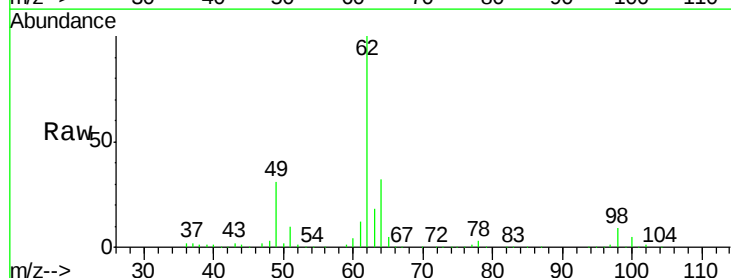
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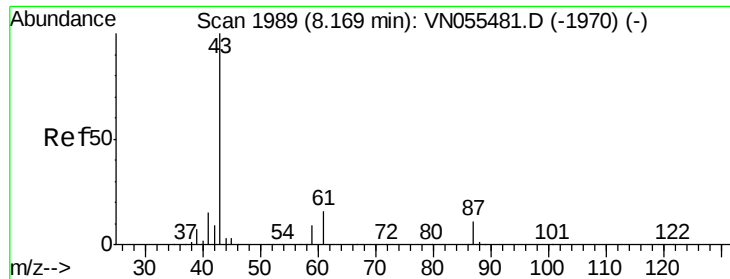
MMDadoda
5/10/2019 12:44:27 PM



#42
1,2-Dichloroethane
Concen: 47.139 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	62	Resp	607195
Ion Ratio	Lower	Upper	
62	100		
98	8.9	0.0	17.4





#43

Isopropyl Acetate

Concen: 42.489 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

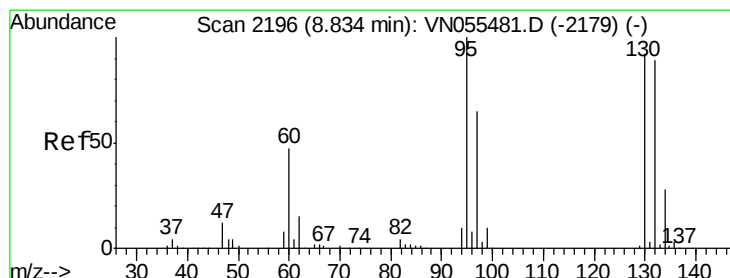
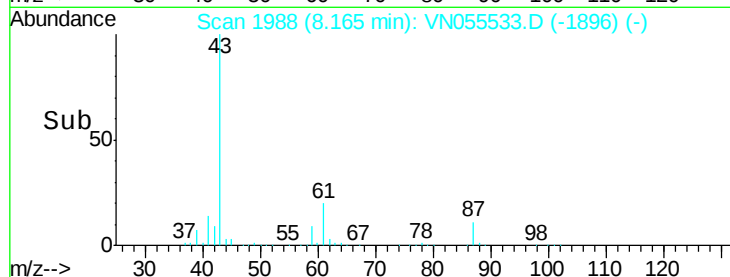
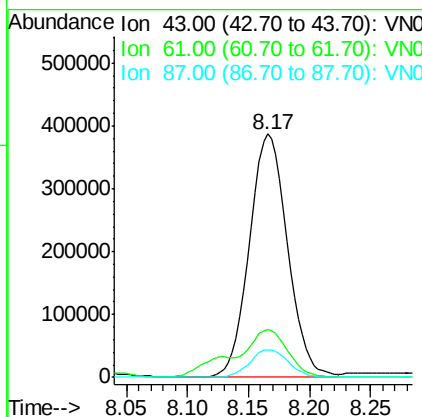
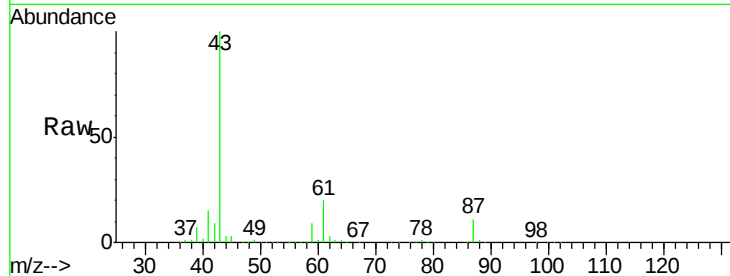
ClientSampleId :

CKMW-21MSD

Tot Ion:	43	Resp:	831829
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.1	22.7
87	11.6	9.0	13.6

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#44

Trichloroethene

Concen: 48.827 ug/l

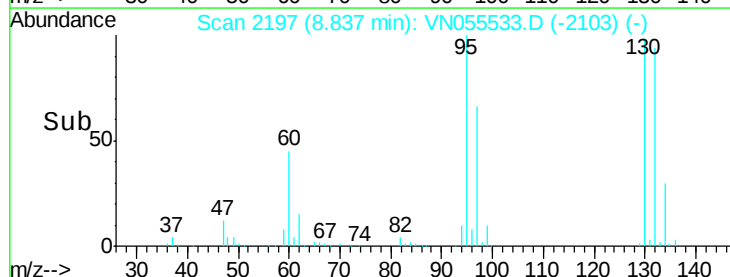
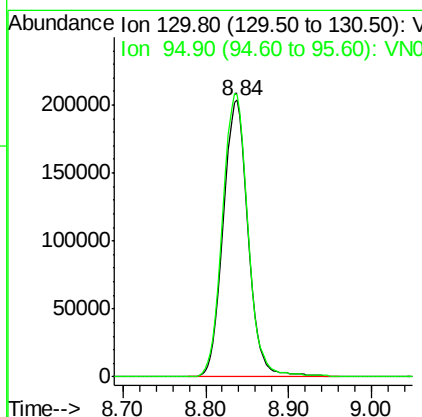
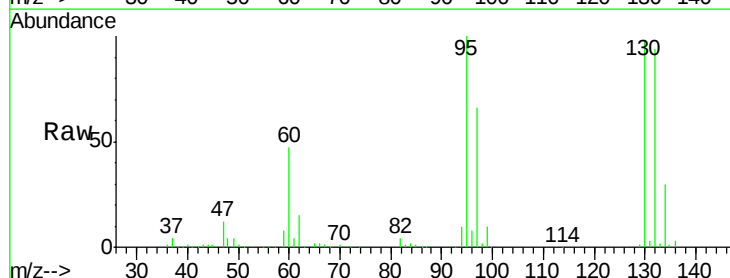
RT: 8.84 min Scan# 2197

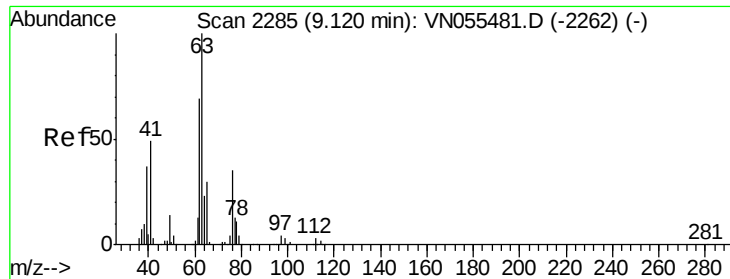
Delta R.T. 0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tgt Ion:	130	Resp:	425954
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	216.8





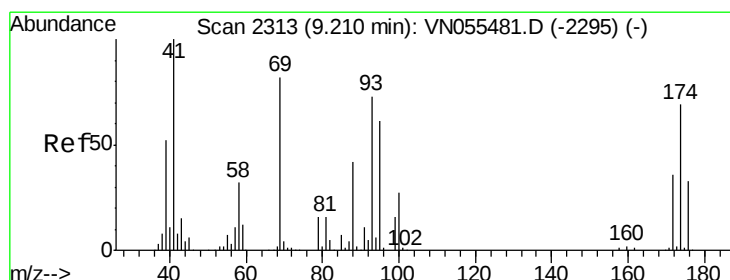
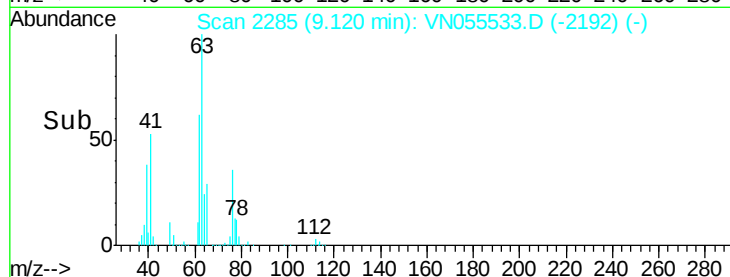
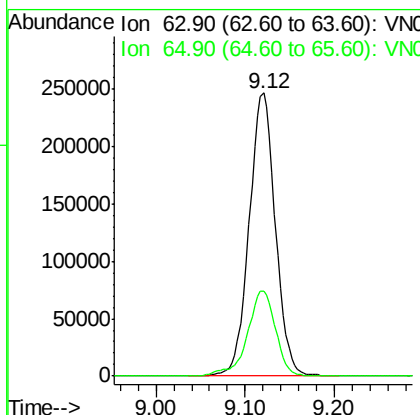
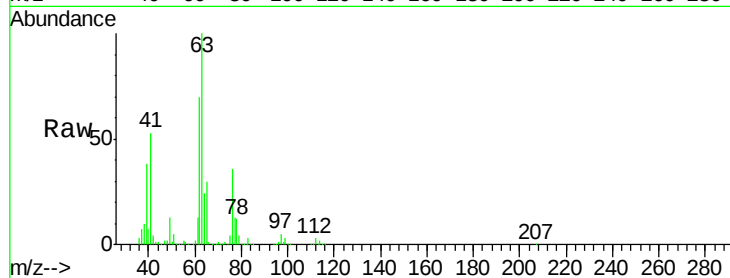
#45
 1,2-Dichloropropane
 Concen: 48.198 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampled :
 CKMW-21MSD

Tot Ion: 63 Resp: 505619
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.1 36.1

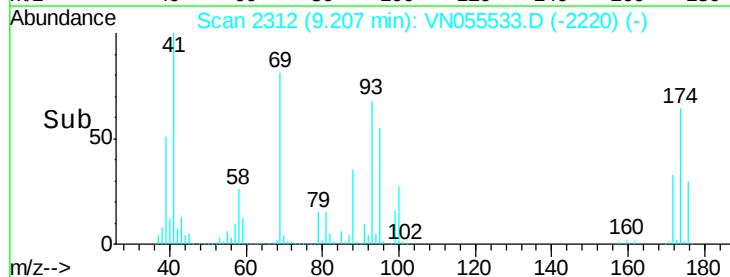
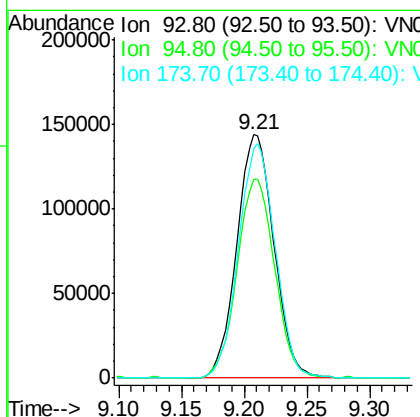
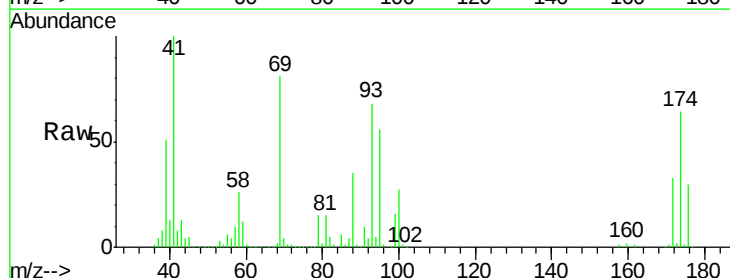
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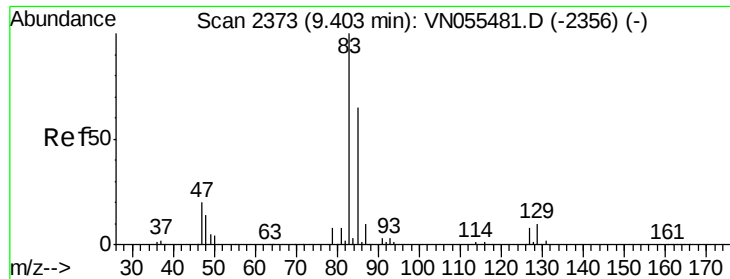
MMDadoda
 5/10/2019 12:44:27 PM



#46
 Dibromomethane
 Concen: 48.963 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion: 93 Resp: 297726
 Ion Ratio Lower Upper
 93 100
 95 82.1 64.8 97.2
 174 95.3 75.0 112.6





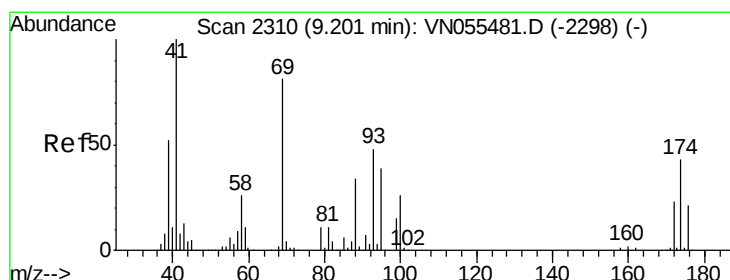
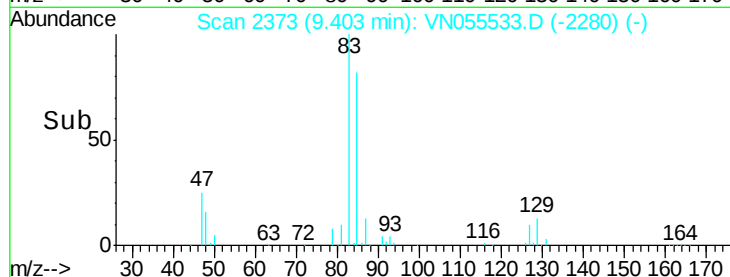
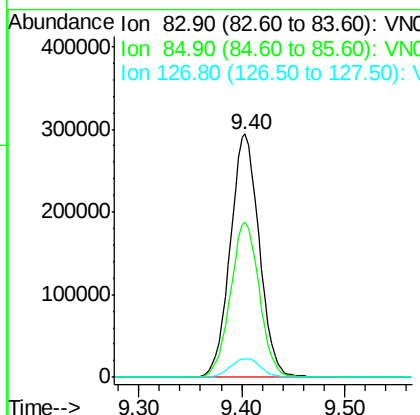
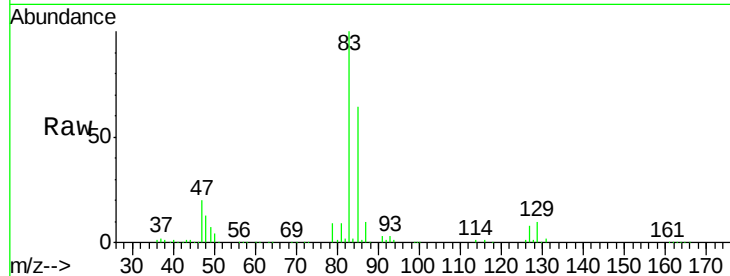
#47
Bromodichloromethane
Concen: 49.550 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.2	78.2
127	7.8	6.5	9.7

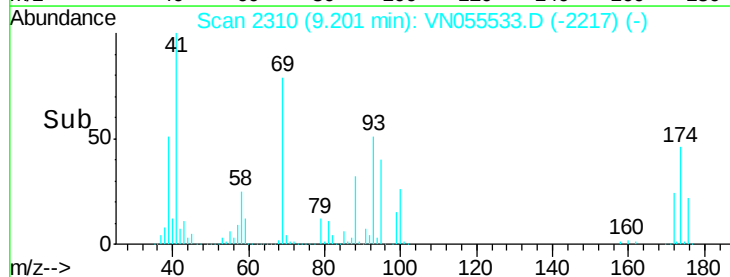
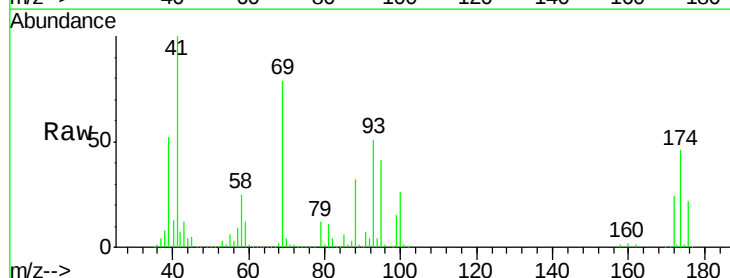
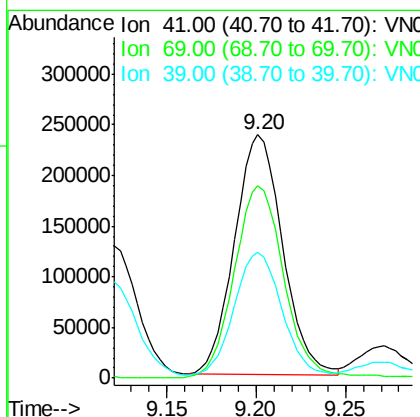
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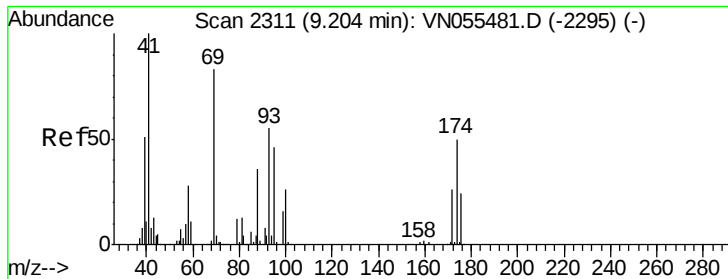
MMDadoda
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#48
Methyl methacrylate
Concen: 47.183 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.2	64.2	96.2
39	52.8	41.6	62.4





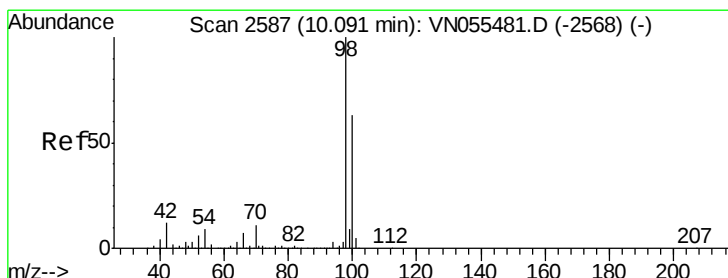
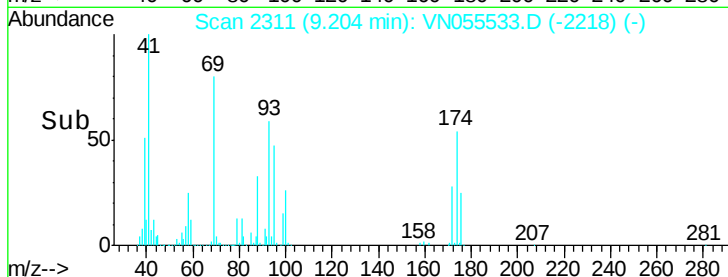
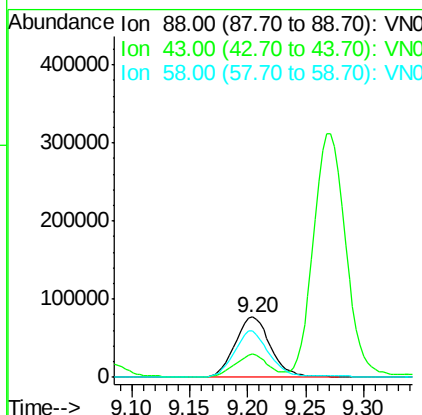
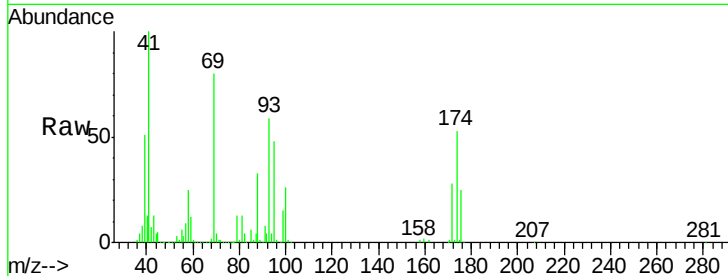
#49
1,4-Dioxane
Concen: 901.624 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	27.8	41.8
58	73.8	61.8	92.6

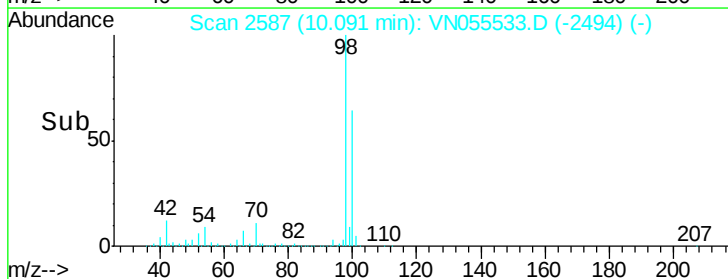
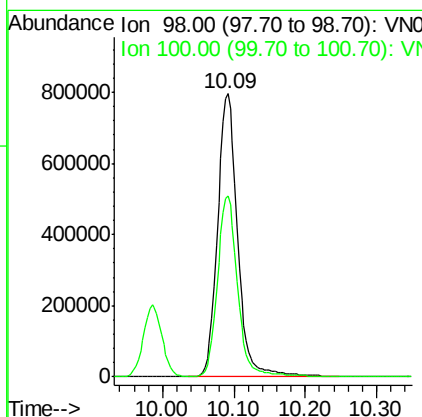
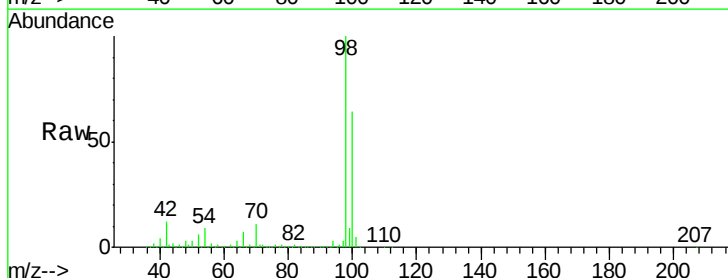
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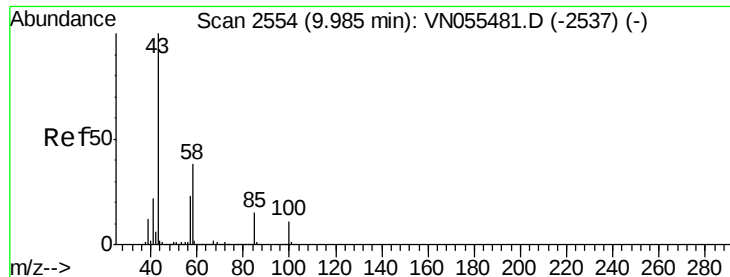
MMDadoda
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#50
Toluene-d8
Concen: 51.479 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.4	75.6





#51

4-Methyl-2-Pentanone

Concen: 228.160 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion: 43 Resp: 2937762

Ion Ratio Lower Upper

43 100

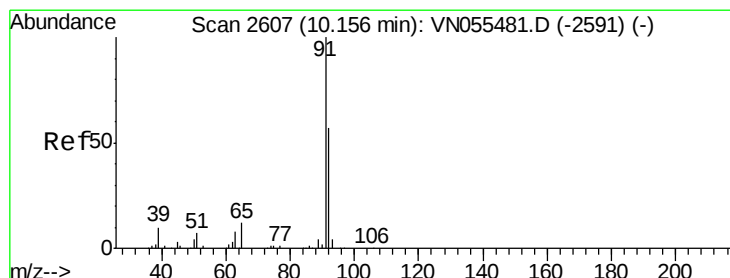
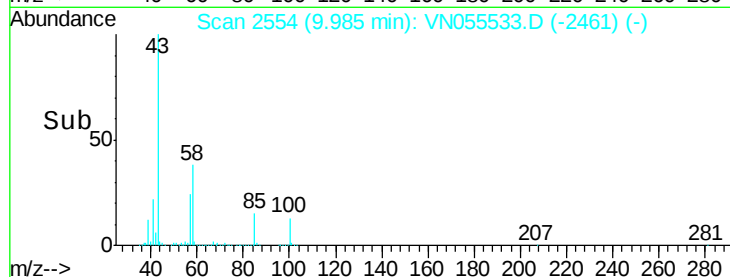
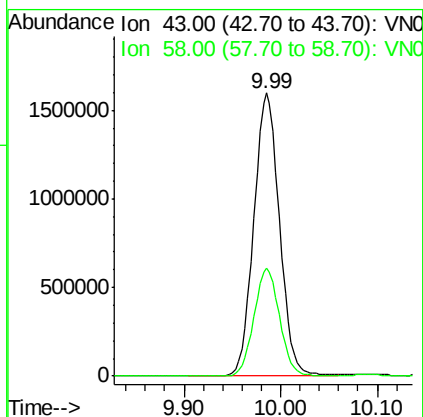
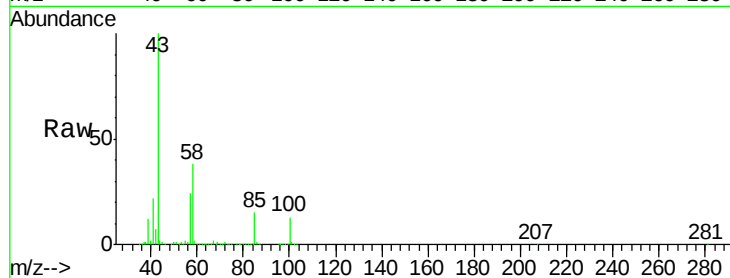
58 38.1 29.9 44.9

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#52

Toluene

Concen: 50.223 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055533.D

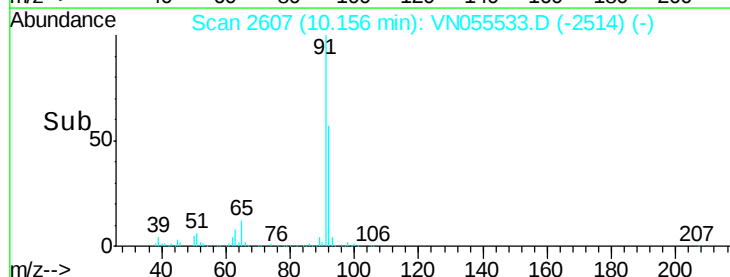
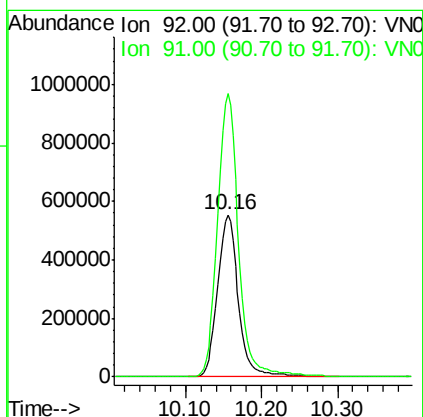
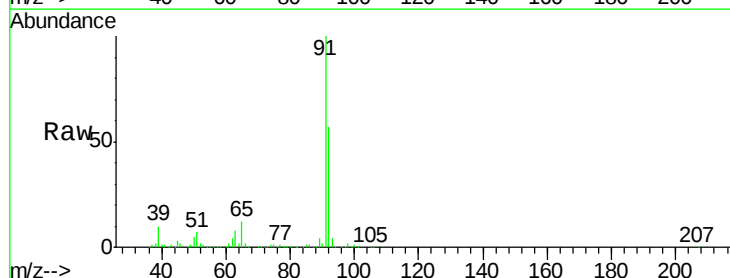
Acq: 10 May 2019 7:04

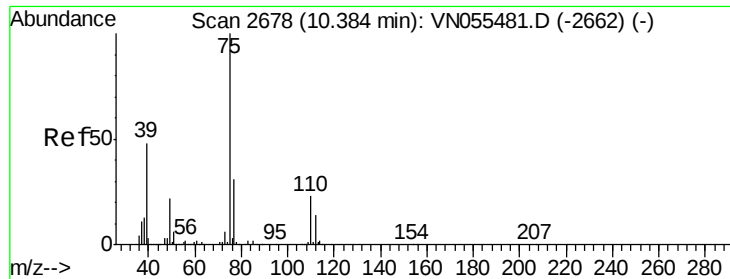
Tgt Ion: 92 Resp: 1052709

Ion Ratio Lower Upper

92 100

91 176.9 140.5 210.7





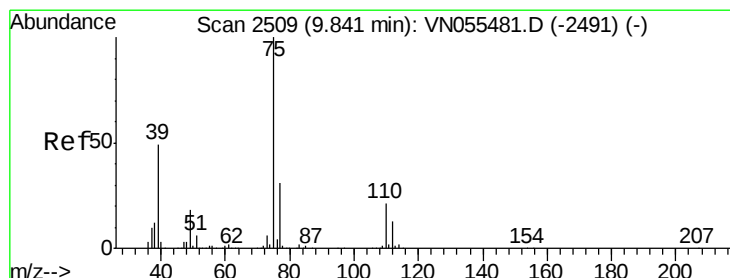
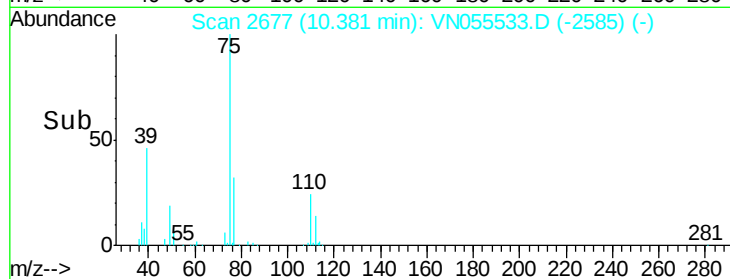
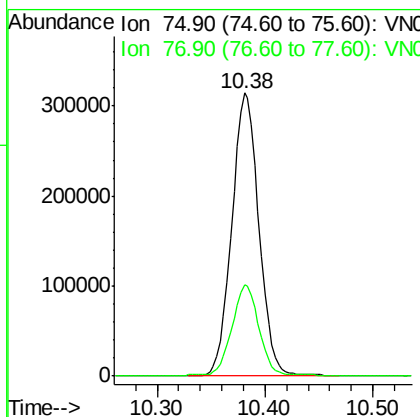
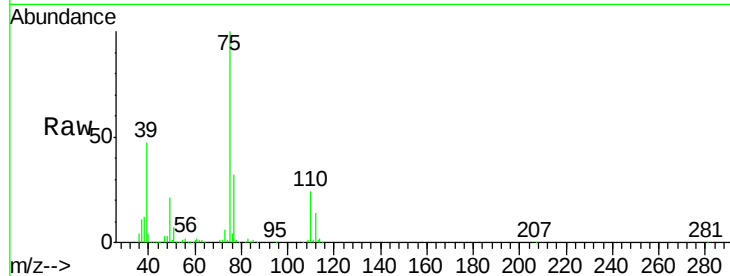
#53
t-1,3-Dichloropropene
Concen: 49.479 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7

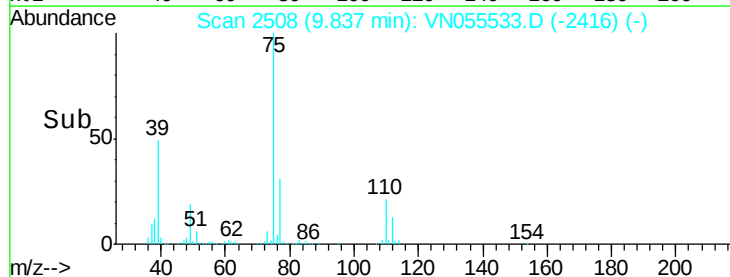
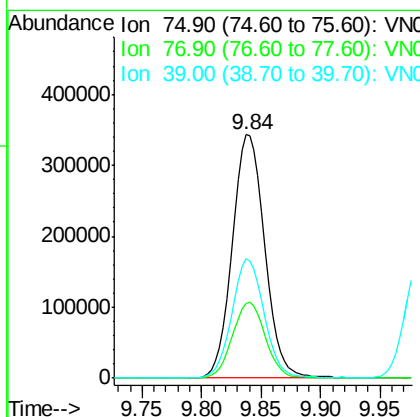
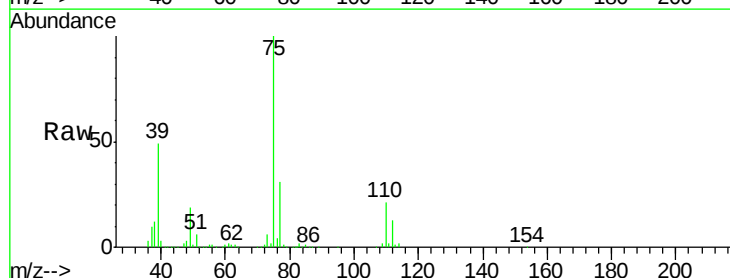
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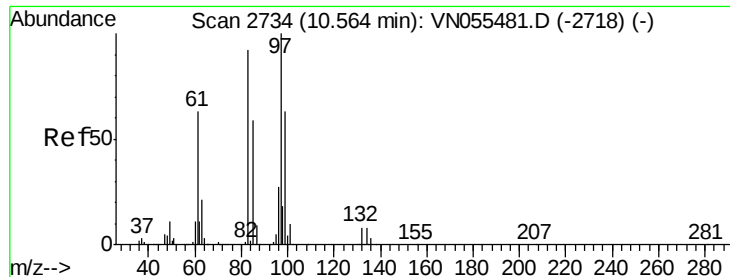
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.687 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.4	36.6
39	48.8	39.5	59.3





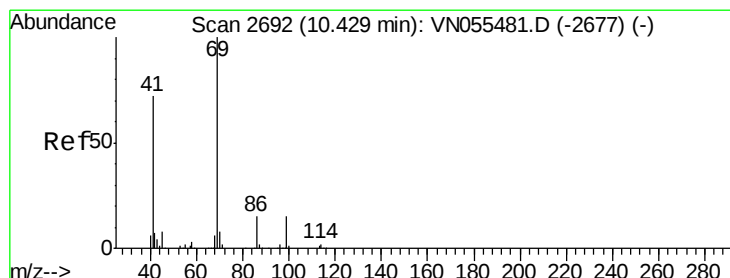
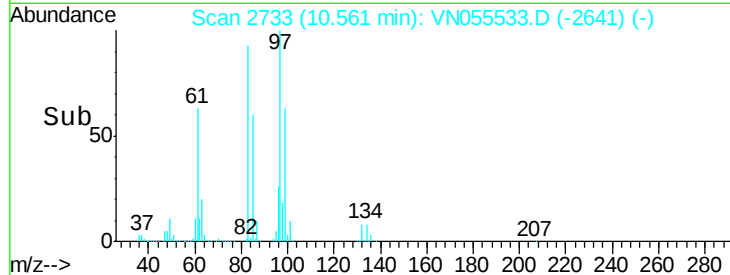
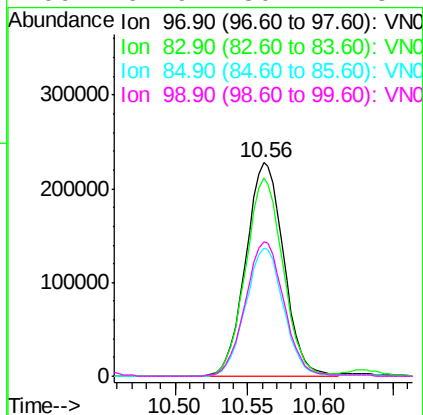
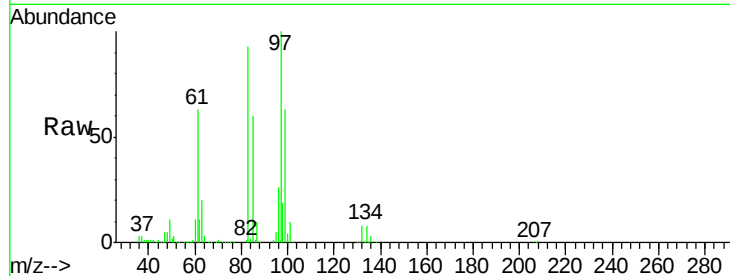
#55
 1,1,2-Trichloroethane
 Concen: 48.912 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion:	97	Resp:	415389
Ion	Ratio	Lower	Upper
97	100		
83	92.7	73.2	109.8
85	59.6	47.5	71.3
99	62.9	50.2	75.2

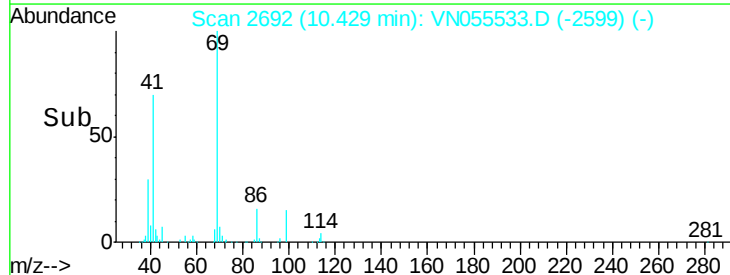
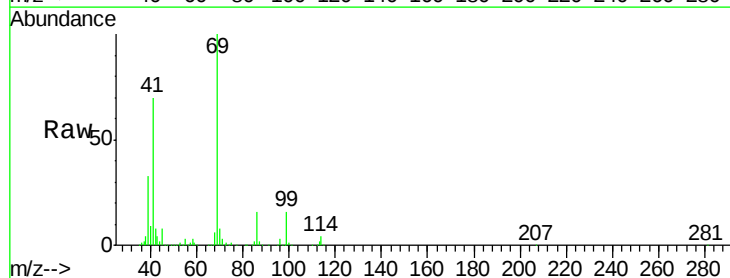
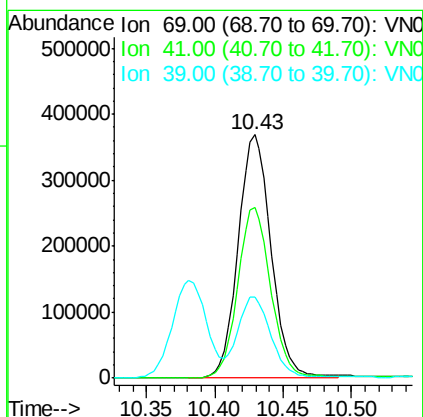
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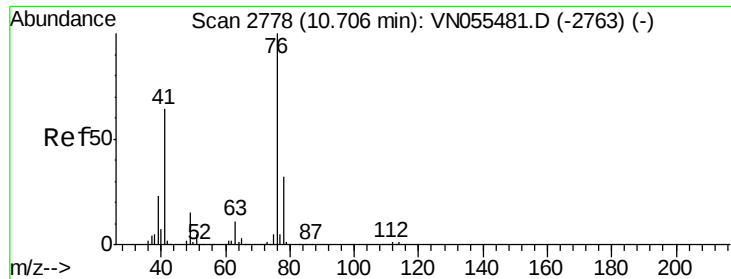
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#56
 Ethyl methacrylate
 Concen: 49.041 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion:	69	Resp:	619490
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.2	84.2
39	32.8	27.8	41.6





#57

1,3-Dichloropropane

Concen: 49.739 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion: 76 Resp: 749920

Ion Ratio Lower Upper

76 100

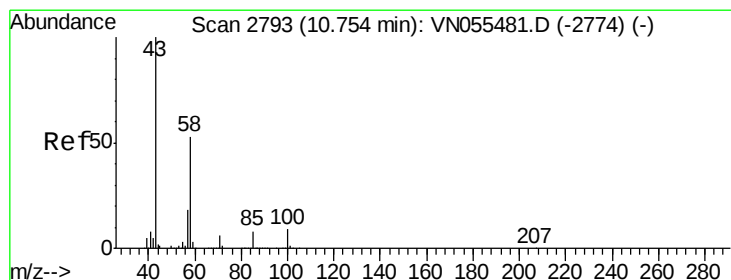
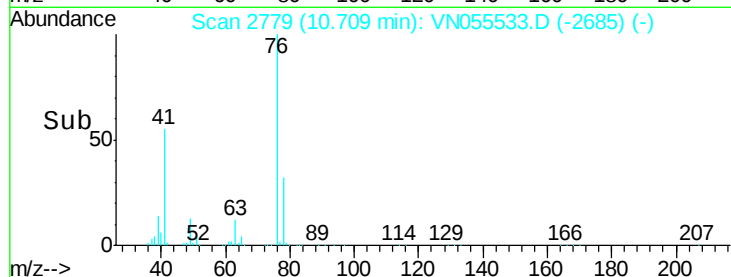
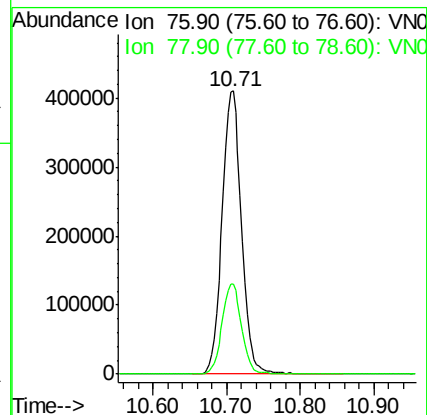
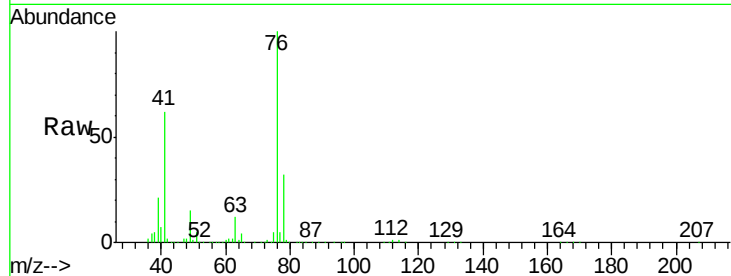
78 32.0 25.8 38.6

Manual Integrations

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#59

2-Hexanone

Concen: 223.450 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN055533.D

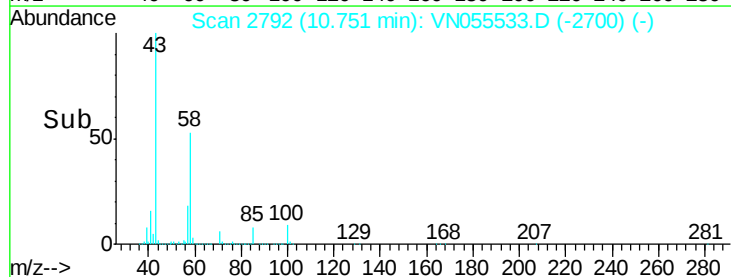
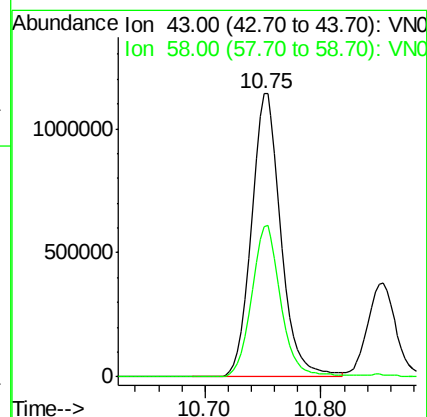
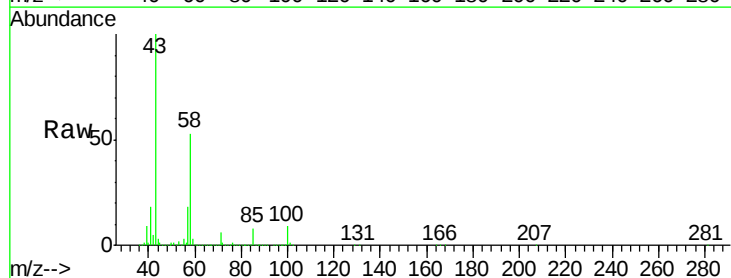
Acq: 10 May 2019 7:04

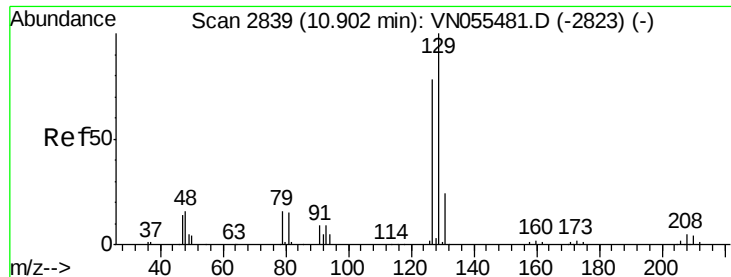
Tgt Ion: 43 Resp: 2017721

Ion Ratio Lower Upper

43 100

58 53.0 26.4 79.0





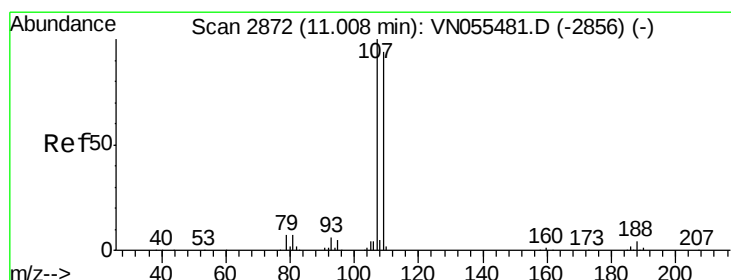
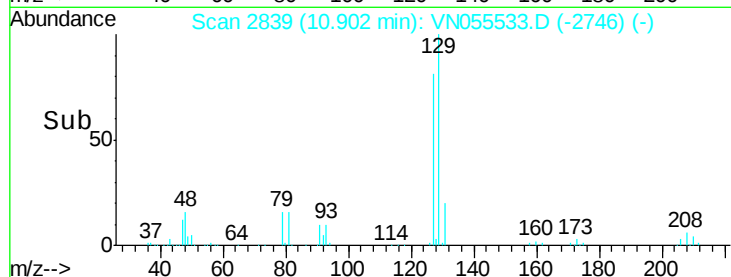
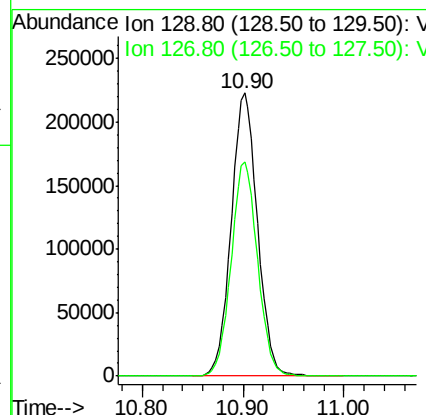
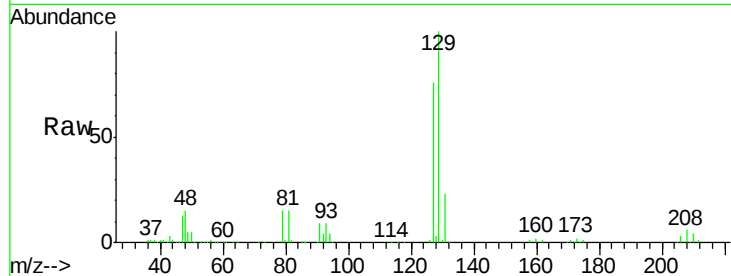
#60
 Dibromochloromethane
 Concen: 52.458 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.6	116.0

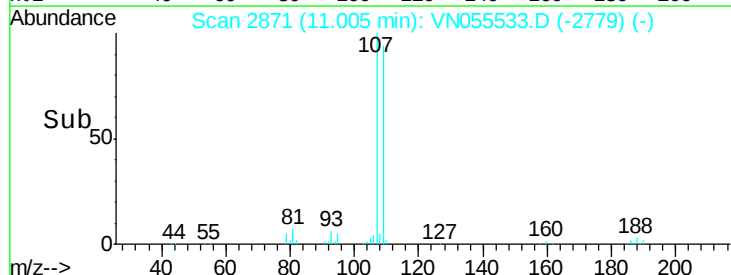
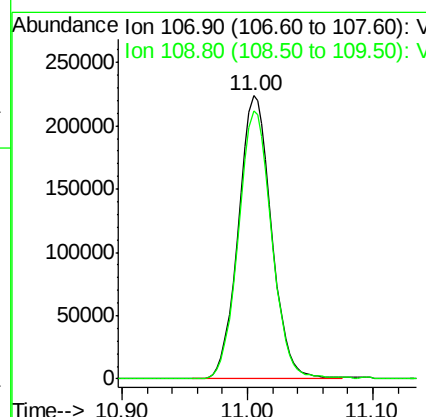
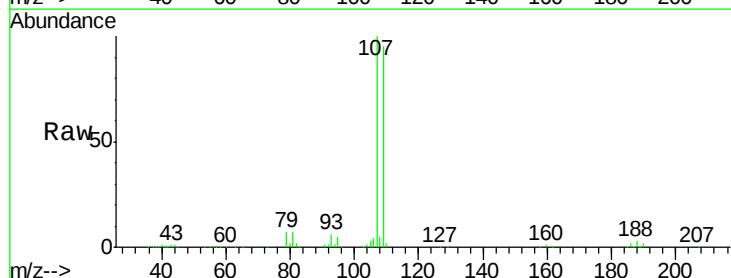
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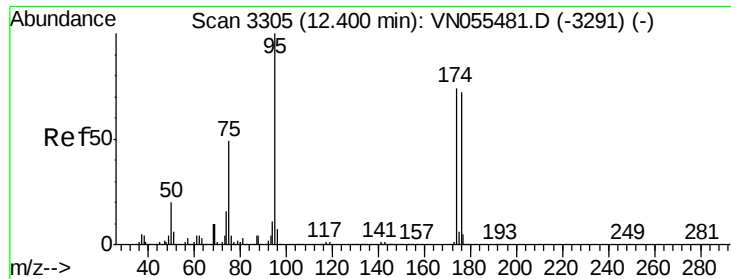
MMDadoda
 5/10/2019 12:44:27 PM



#61
 1,2-Dibromoethane
 Concen: 50.188 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.2	111.4





#62

4-Bromofluorobenzene

Concen: 51.920 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

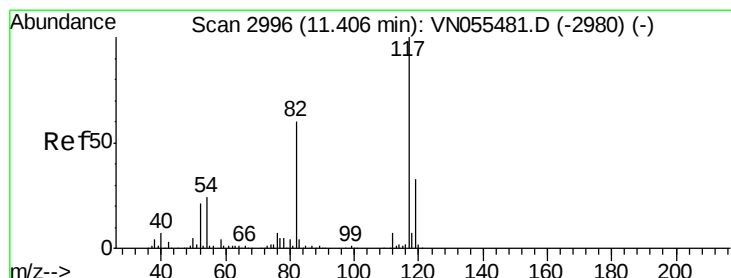
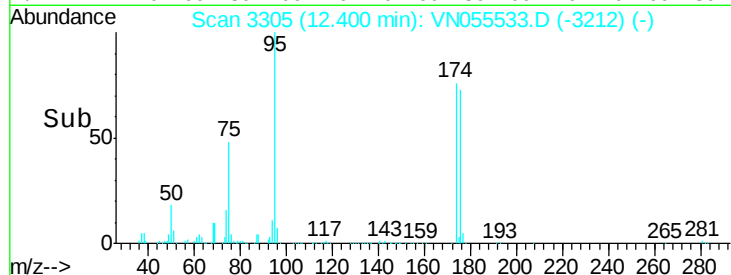
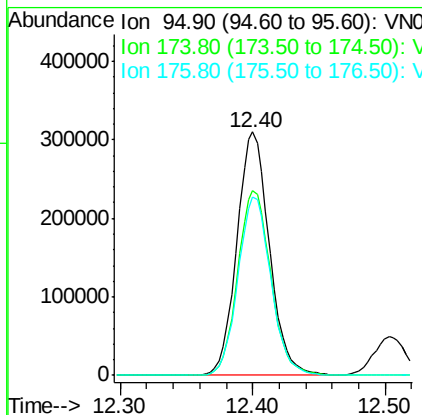
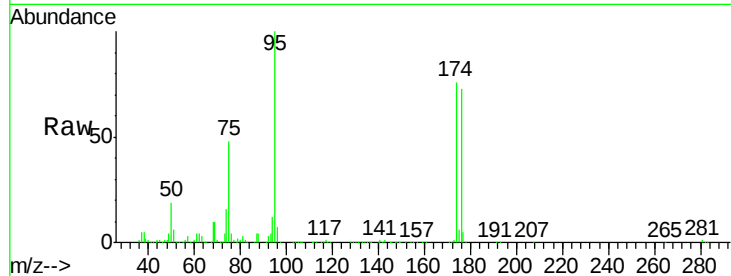
ClientSampleId :

CKMW-21MSD

Tot Ion:	95	Resp:	527709
Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	152.2
176	74.3	0.0	147.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

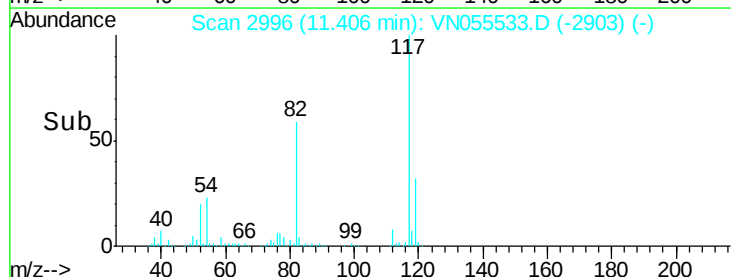
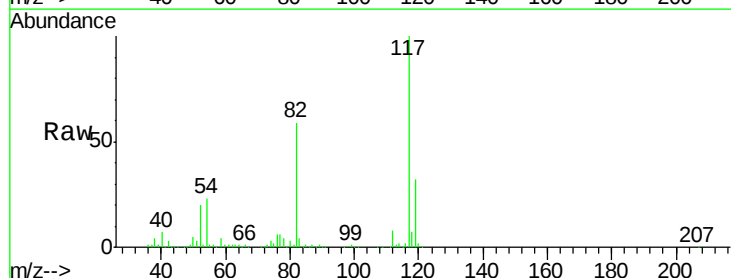
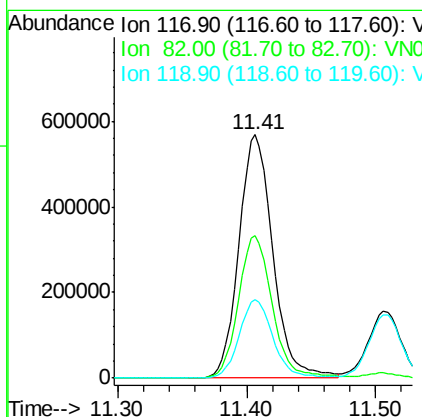
RT: 11.41 min Scan# 2996

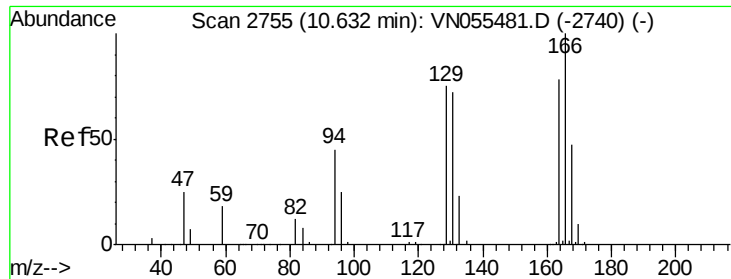
Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tgt Ion:	117	Resp:	1046059
Ion	Ratio	Lower	Upper
117	100		
82	58.7	48.0	72.0
119	32.2	26.0	39.0





#64

Tetrachloroethene

Concen: 46.033 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion:164 Resp: 394573

Ion Ratio Lower Upper

164 100

166 129.4 102.6 153.8

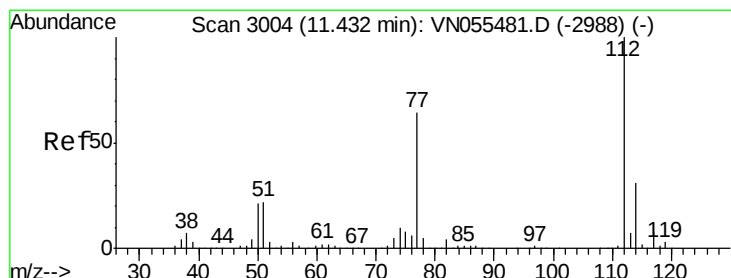
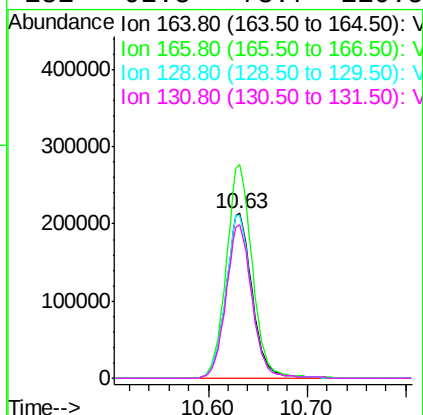
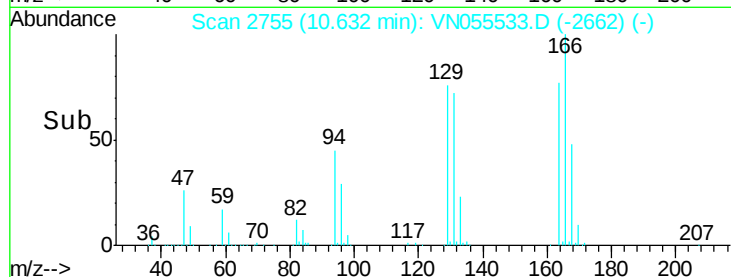
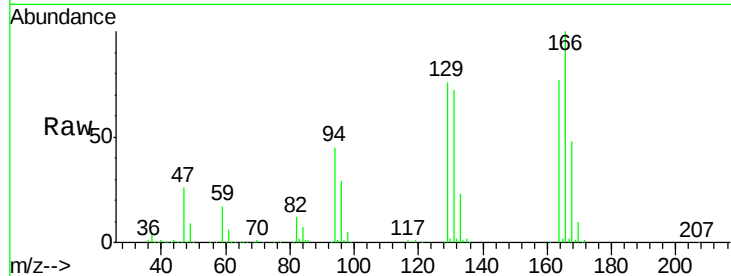
129 98.9 77.0 115.6

131 92.8 73.7 110.5

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#65

Chlorobenzene

Concen: 49.599 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055533.D

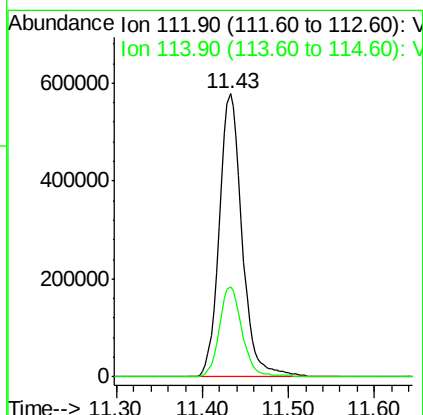
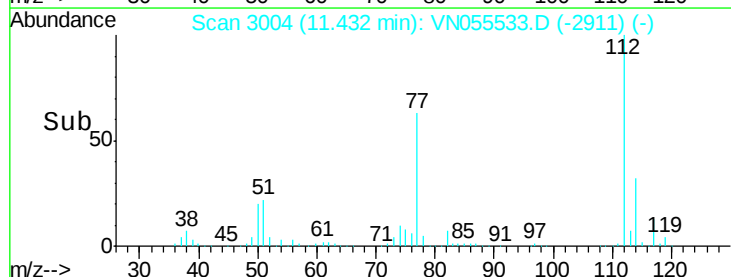
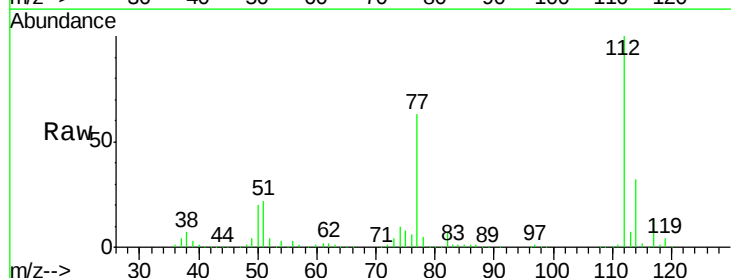
Acq: 10 May 2019 7:04

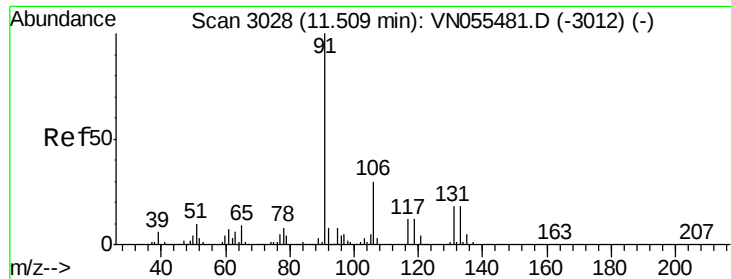
Tgt Ion:112 Resp: 1067429

Ion Ratio Lower Upper

112 100

114 31.8 25.0 37.4





#66

1,1,1,2-Tetrachloroethane

Concen: 51.692 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

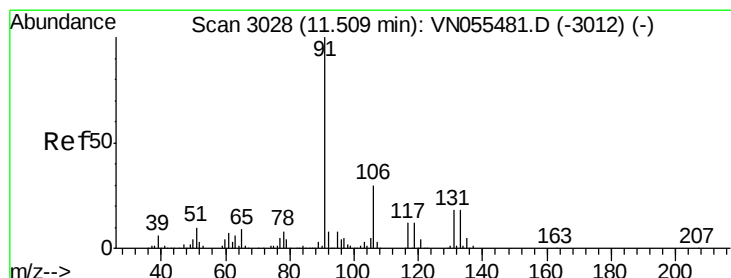
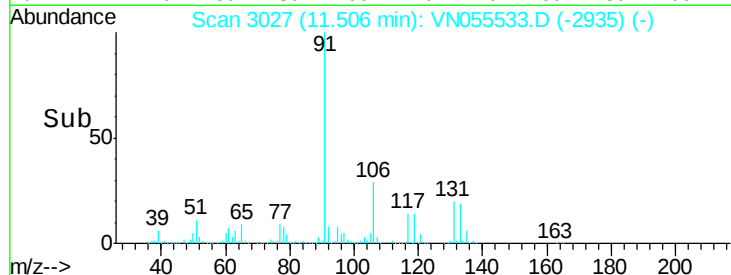
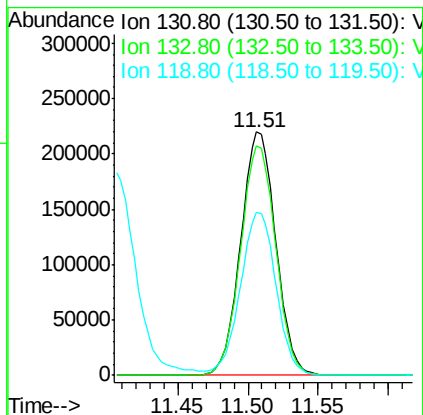
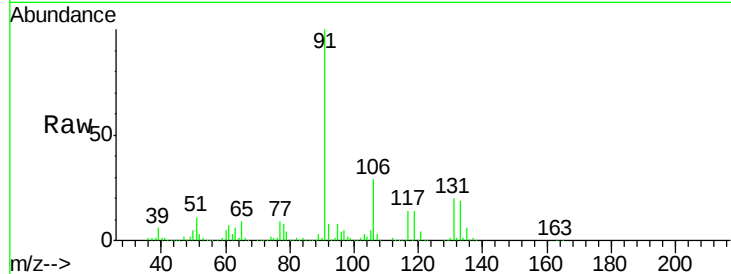
ClientSampleId :

CKMW-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	382985		
133	94.8	47.4	142.2	
119	68.0	34.1	102.2	

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#67

Ethyl Benzene

Concen: 49.184 ug/l

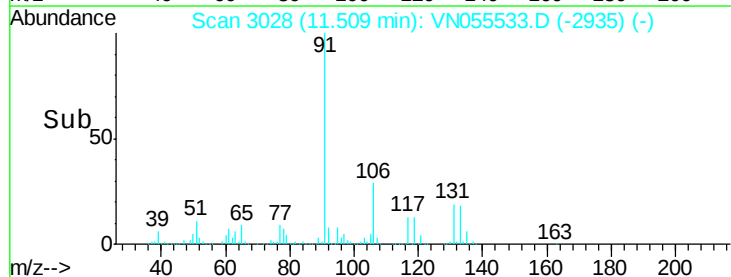
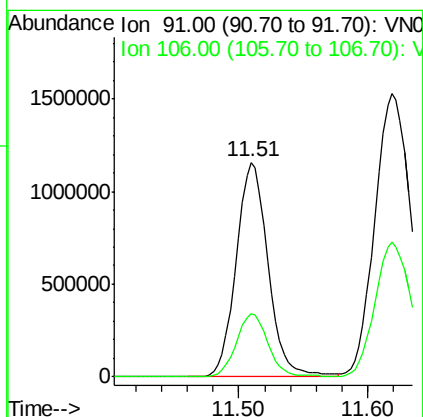
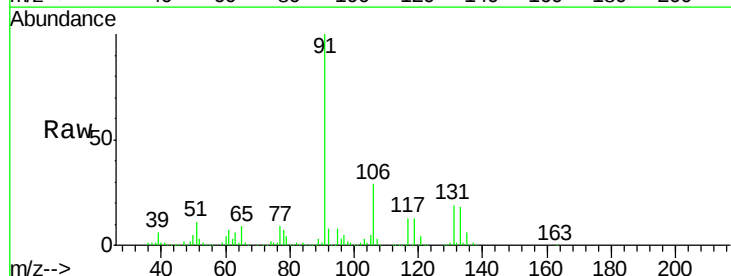
RT: 11.51 min Scan# 3028

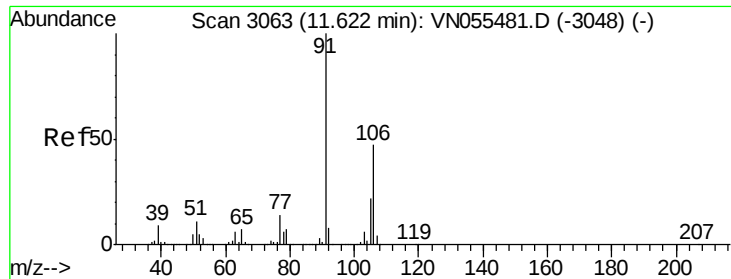
Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1987991		
106	29.3	23.8	35.6	





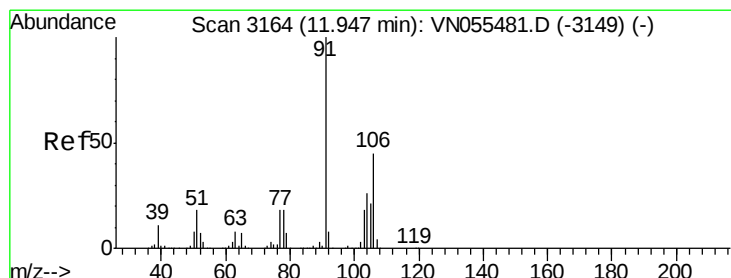
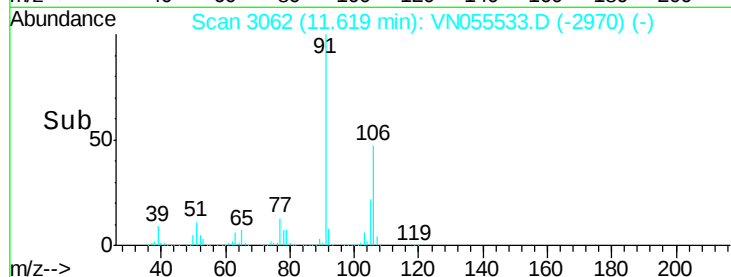
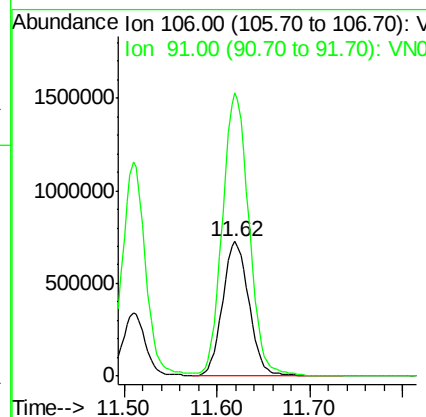
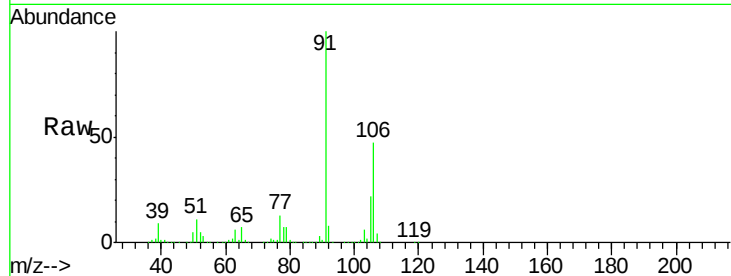
#68
m/p-Xylenes
Concen: 99.427 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion:106 Resp: 1442246
Ion Ratio Lower Upper
106 100
91 210.8 169.2 253.8

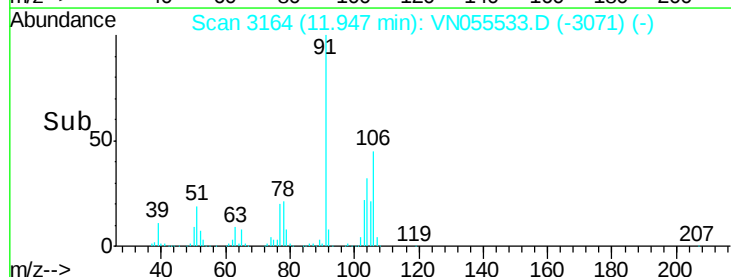
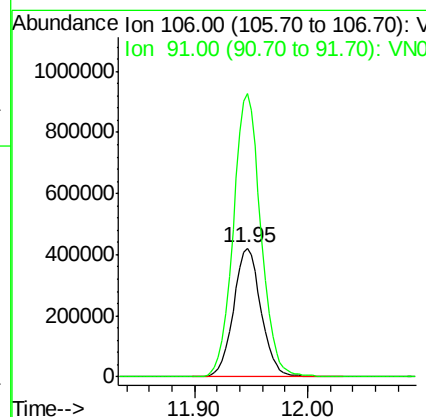
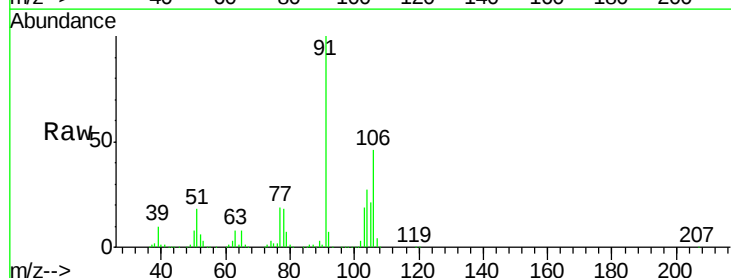
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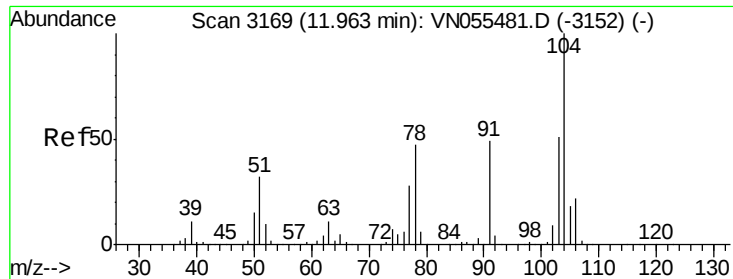
MMDadoda
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#69
o-Xylene
Concen: 50.096 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion:106 Resp: 714230
Ion Ratio Lower Upper
106 100
91 219.6 111.3 333.8





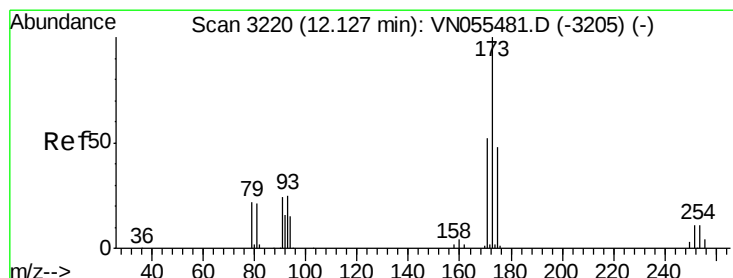
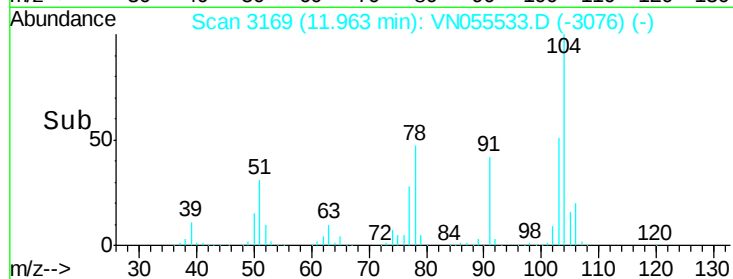
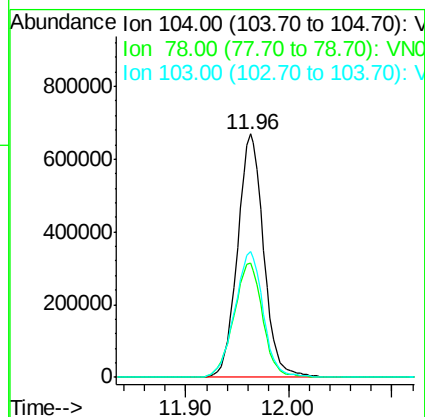
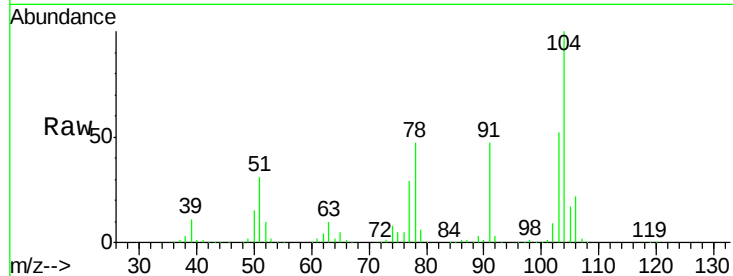
#70
Stvrene
Concen: 51.677 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion:104 Resp: 1180396
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 56.4 44.4 66.6

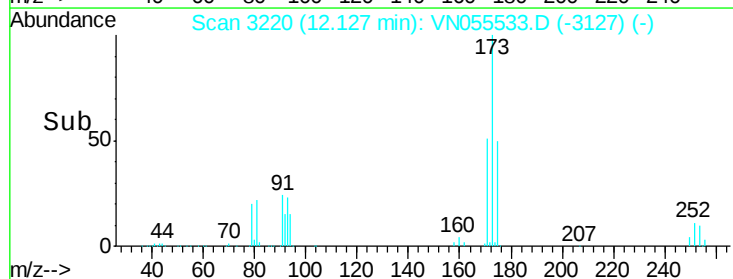
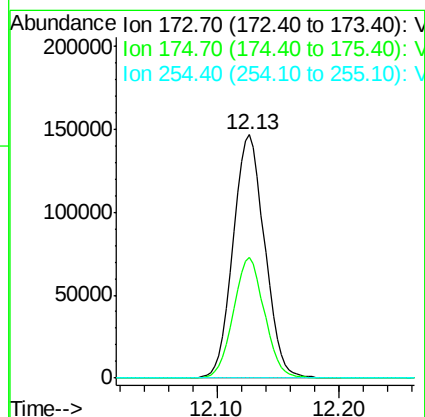
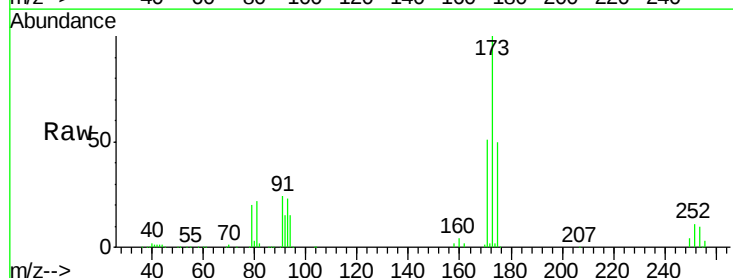
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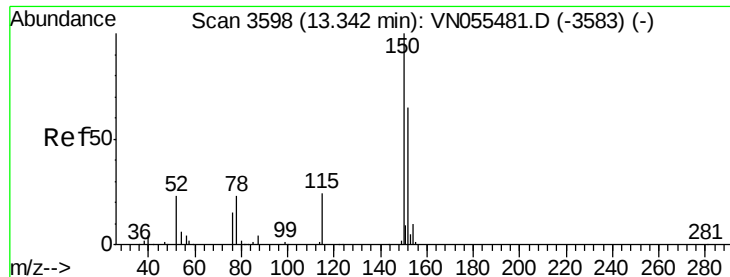
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#71
Bromoform
Concen: 52.799 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion:173 Resp: 263976
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.1 0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion:152 Resp: 435377

Ion Ratio Lower Upper

152 100

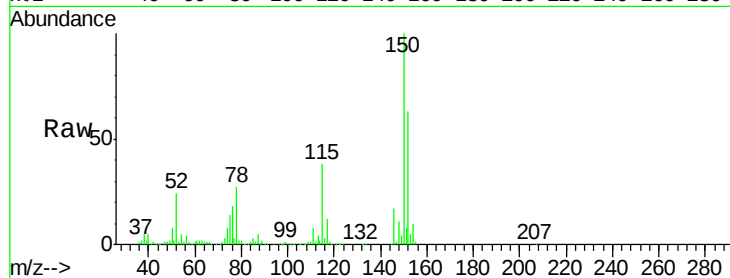
115 59.9 30.1 90.5

150 172.6 0.0 355.0

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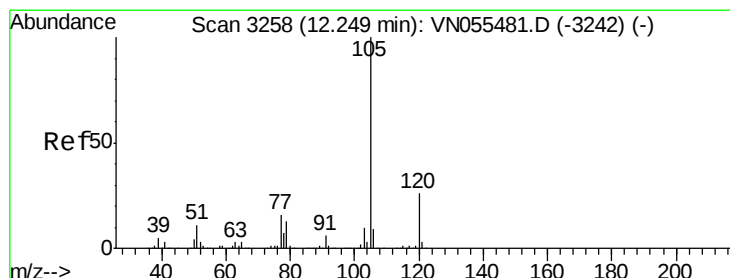
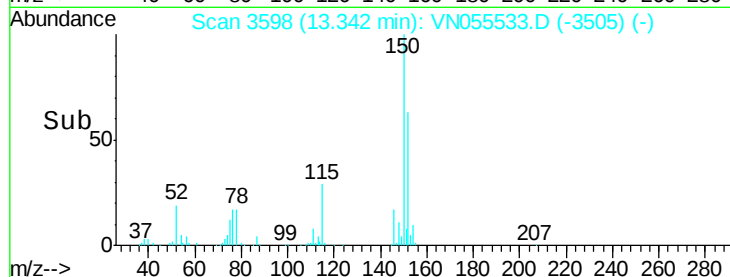
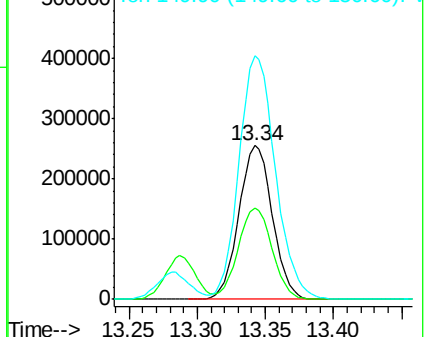
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 52.199 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055533.D

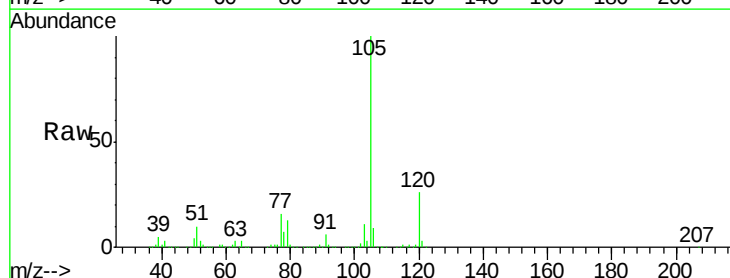
Acq: 10 May 2019 7:04

Tgt Ion:105 Resp: 1869959

Ion Ratio Lower Upper

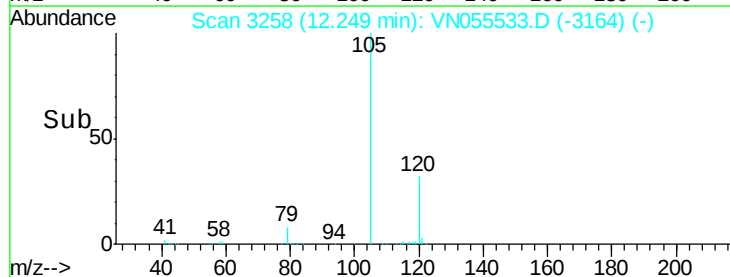
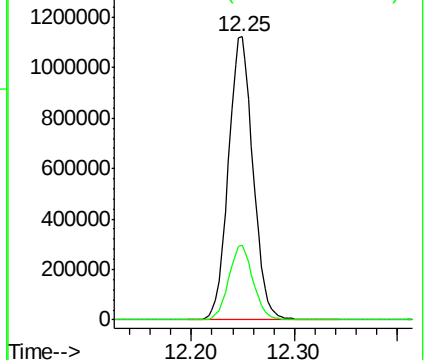
105 100

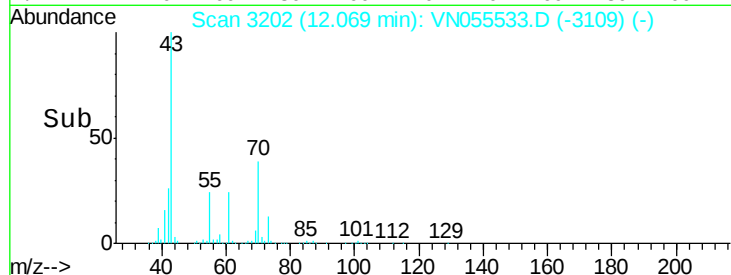
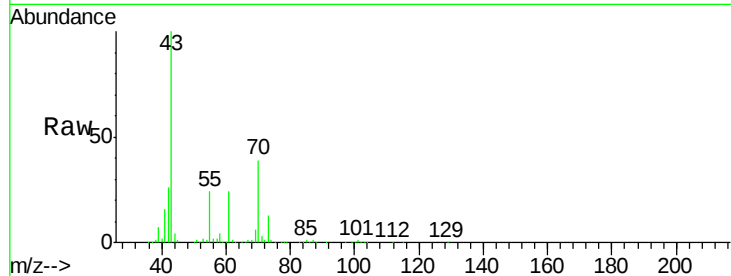
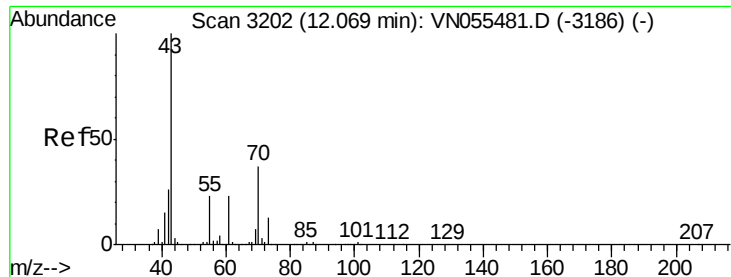
120 26.1 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 36.056 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tot Ion	43	Resp	595985
Ion Ratio	Lower	Upper	
43	100		
70	39.8	30.7	46.1
55	24.9	19.3	28.9
61	23.9	18.6	27.8

Instrument :

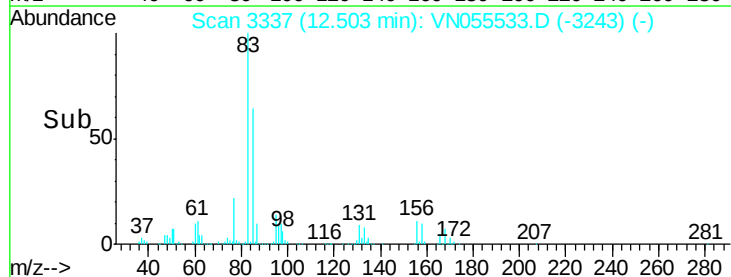
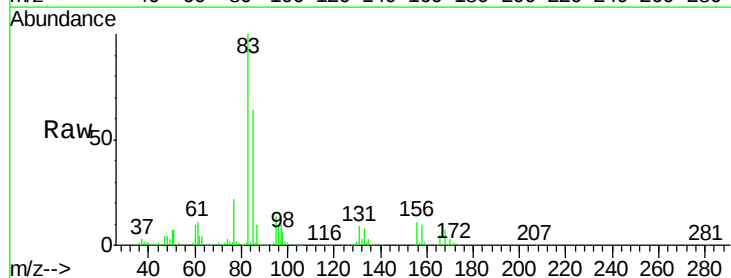
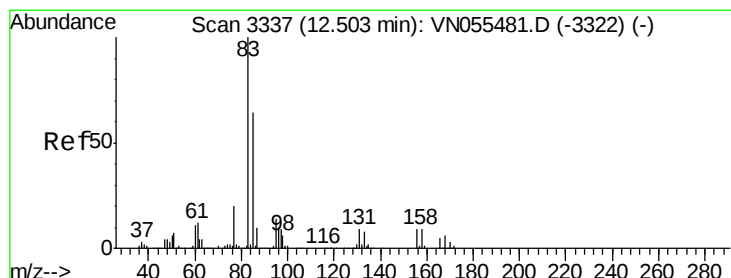
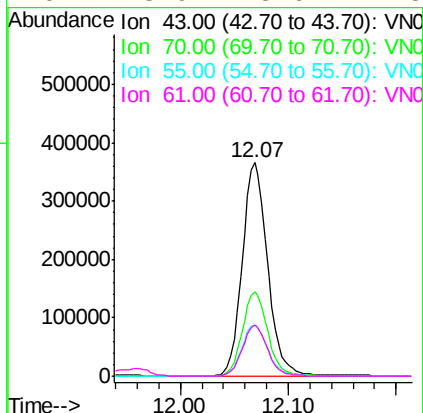
MSVOA_N

ClientSampleId :

CKMW-21MSD

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.271 ug/l

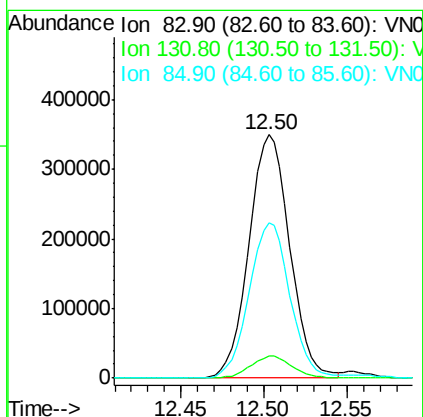
RT: 12.50 min Scan# 3337

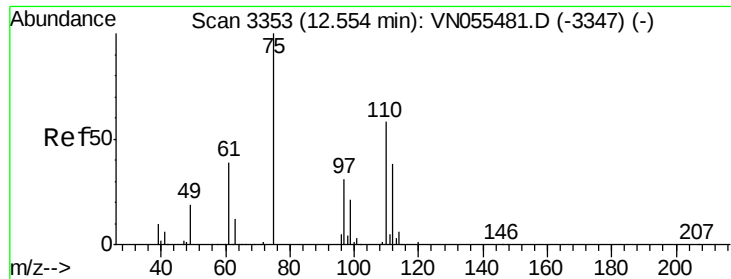
Delta R.T. 0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tgt Ion	83	Resp	597737
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.5
85	63.9	32.0	96.0





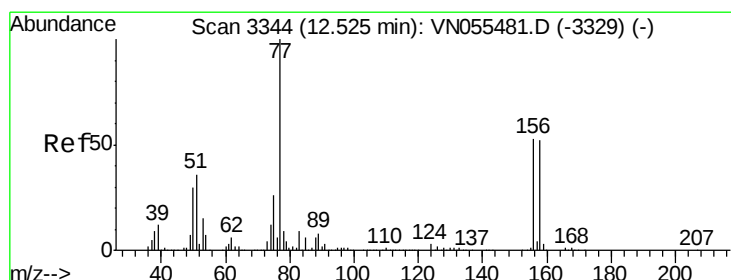
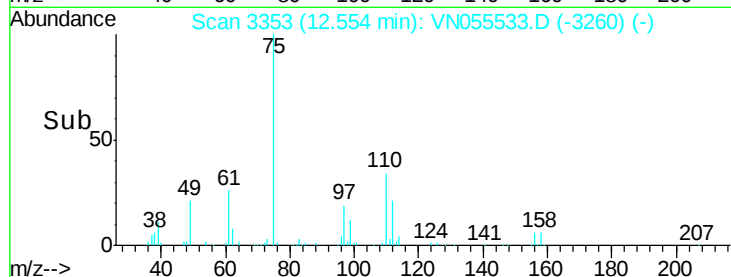
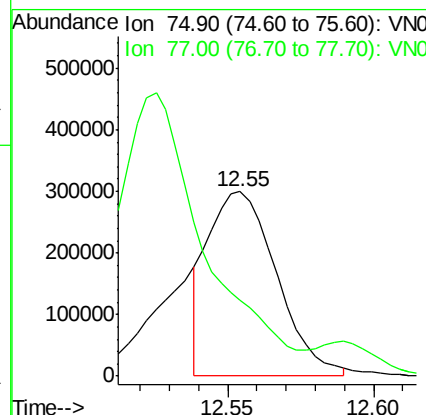
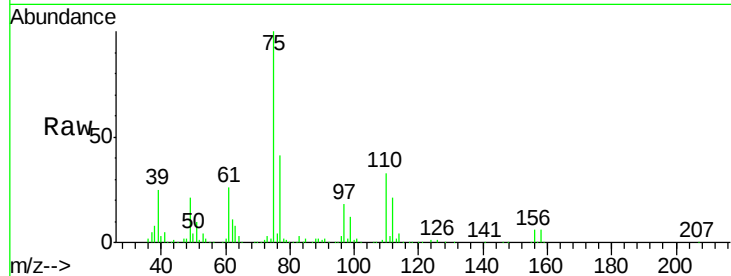
#76
 1,2,3-Trichloropropane
 Concen: 41.304 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion: 75 Resp: 489553
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

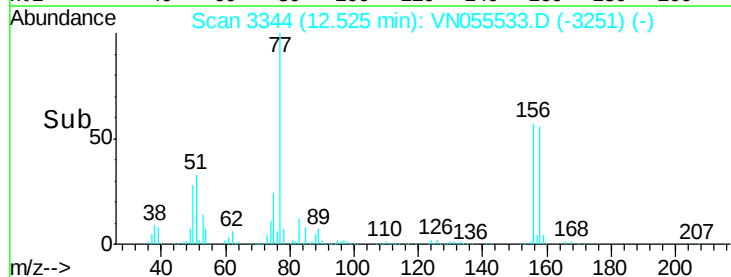
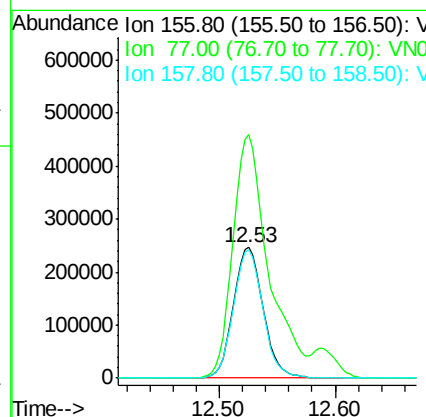
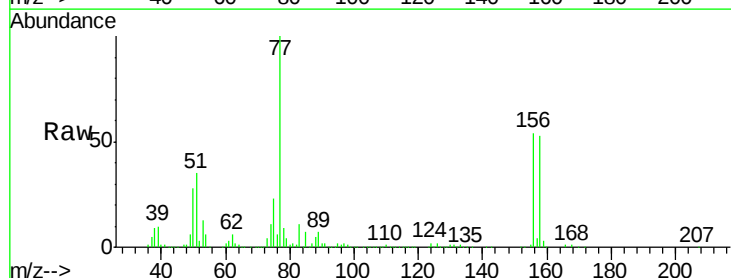
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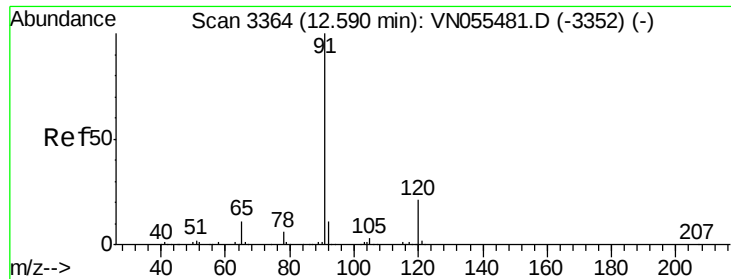
MMDadoda
 5/10/2019 12:44:27 PM



#77
 Bromobenzene
 Concen: 45.406 ug/l
 RT: 12.53 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion: 156 Resp: 435663
 Ion Ratio Lower Upper
 156 100
 77 223.8 115.4 346.2
 158 97.5 48.7 146.1





#78

n-propylbenzene

Concen: 45.379 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampled :

CKMW-21MSD

Tot Ion: 91 Resp: 2119041

Ion Ratio Lower Upper

91 100

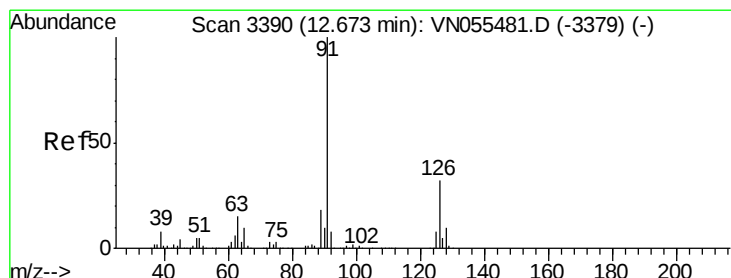
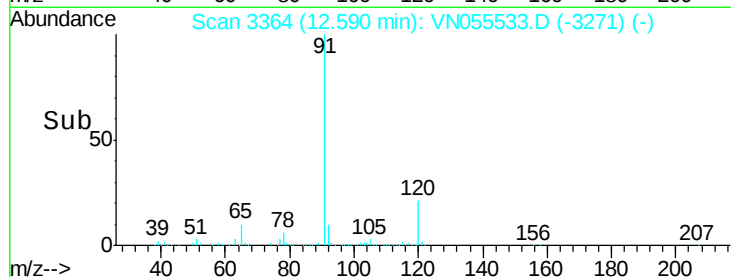
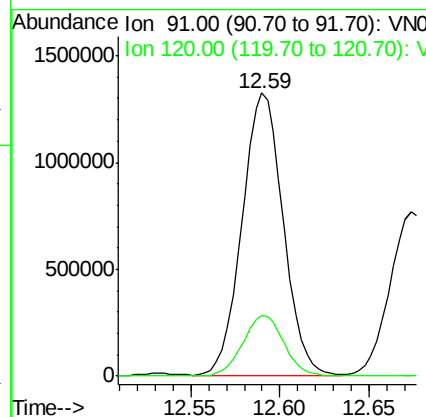
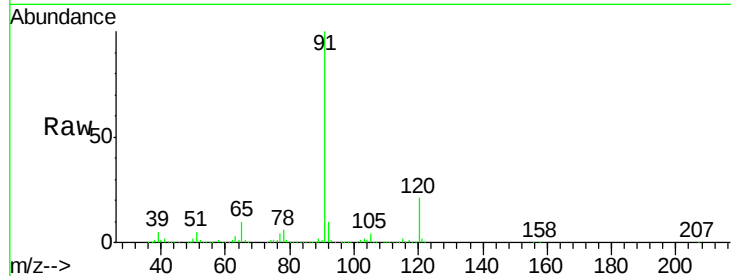
120 21.7 10.8 32.3

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#79

2-Chlorotoluene

Concen: 44.560 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055533.D

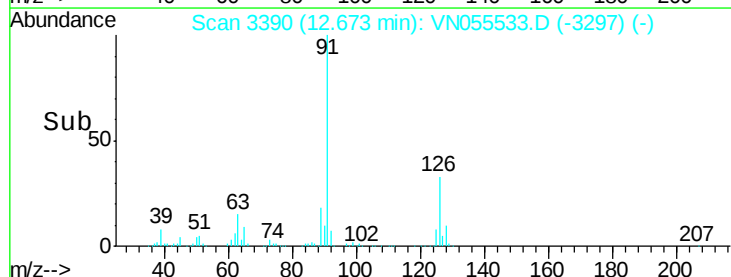
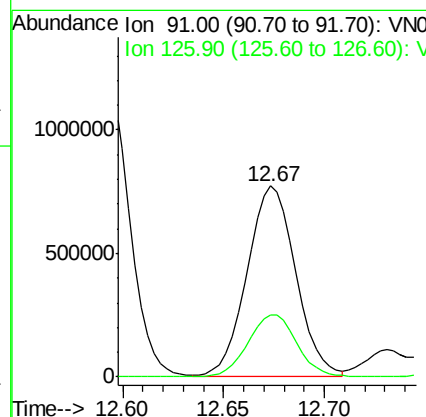
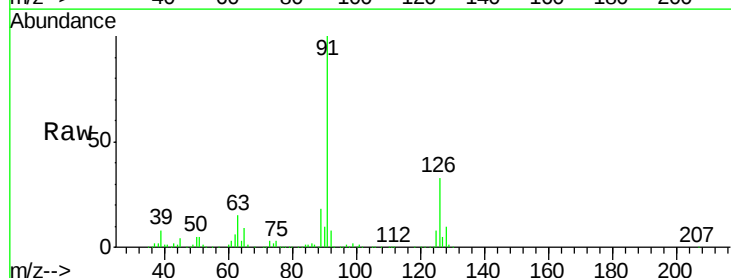
Acq: 10 May 2019 7:04

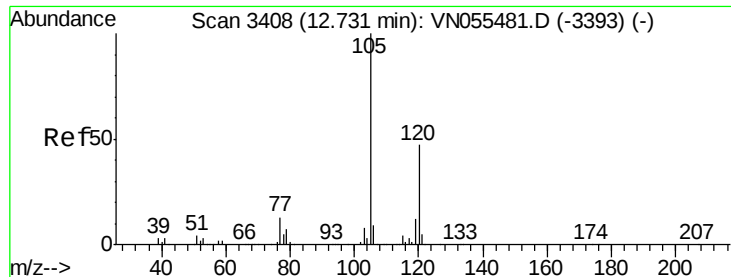
Tgt Ion: 91 Resp: 1296771

Ion Ratio Lower Upper

91 100

126 32.9 16.0 47.9





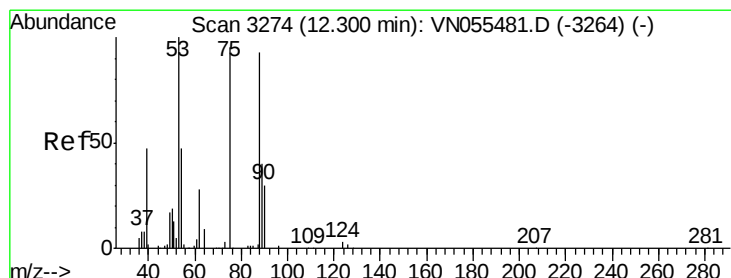
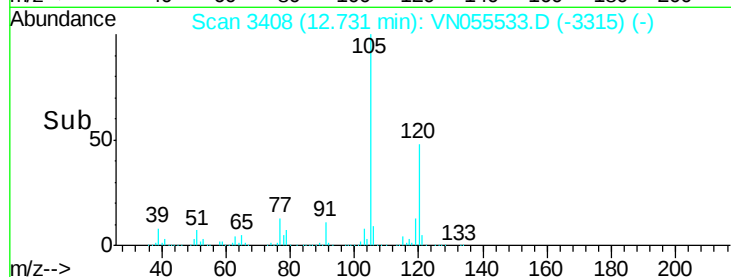
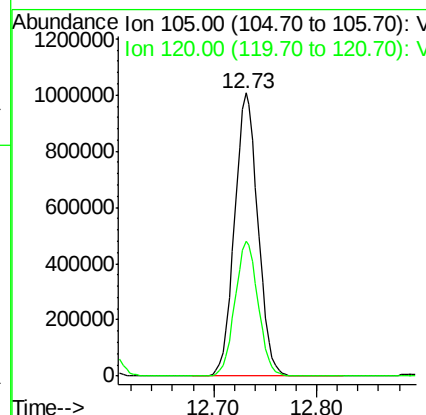
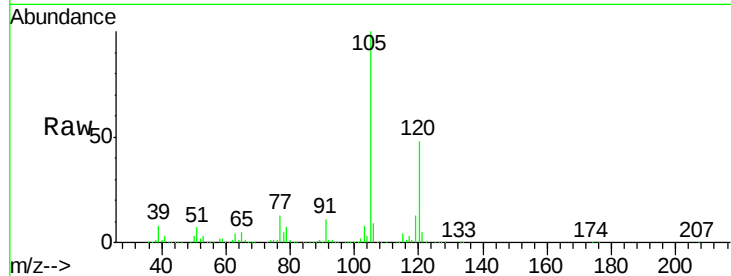
#80
 1,3,5-Trimethylbenzene
 Concen: 45.519 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion:105 Resp: 1584933
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.0

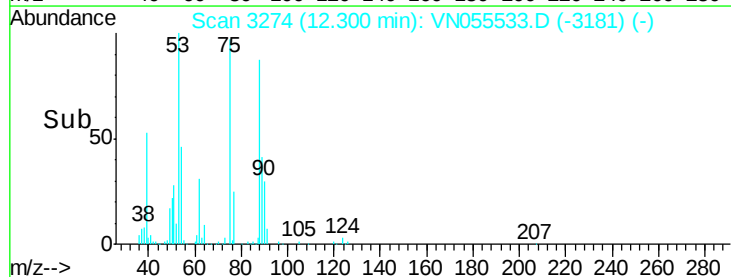
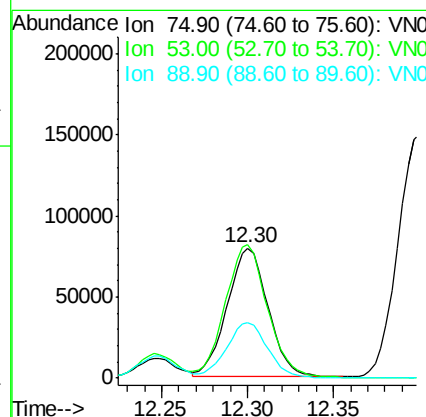
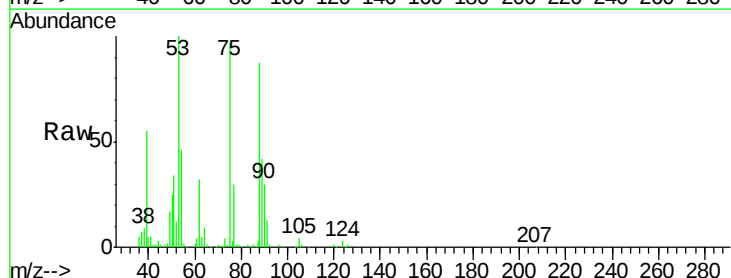
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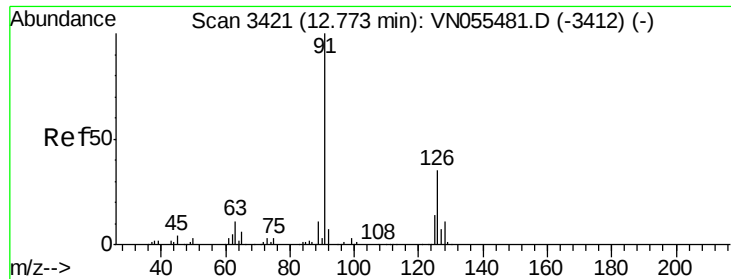
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.080 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion: 75 Resp: 131956
 Ion Ratio Lower Upper
 75 100
 53 106.7 86.5 129.7
 89 43.8 35.7 53.5





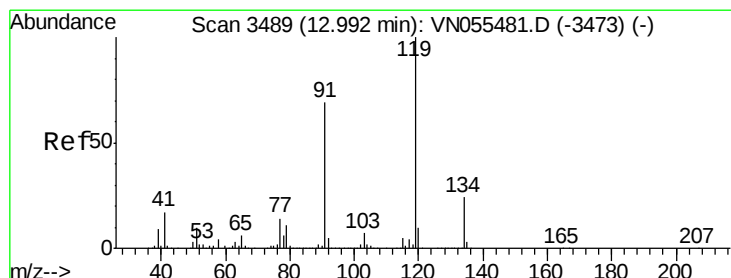
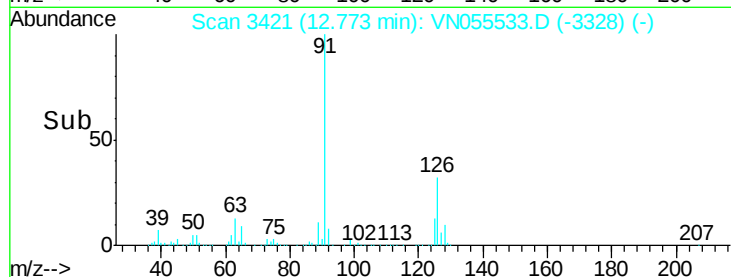
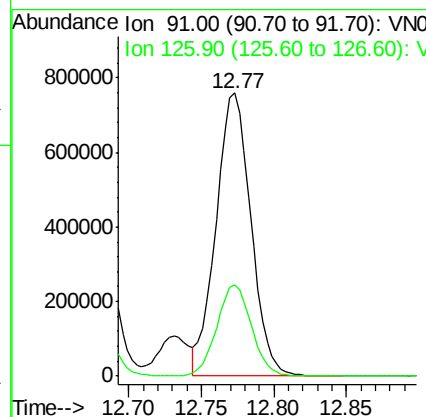
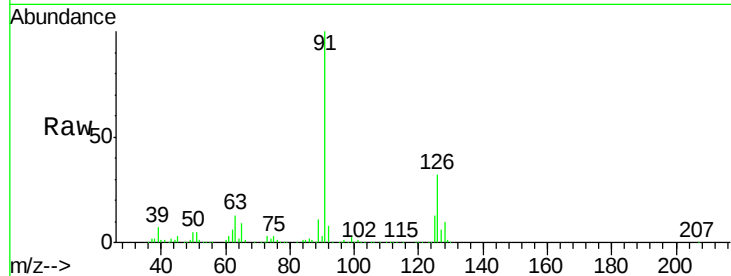
#82
4-Chlorotoluene
Concen: 46.240 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21MSD

Tot Ion: 91 Resp: 1271547
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.0

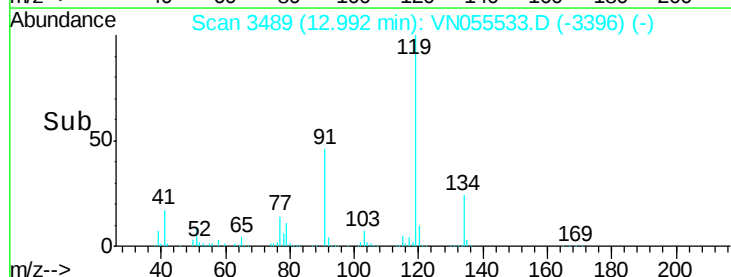
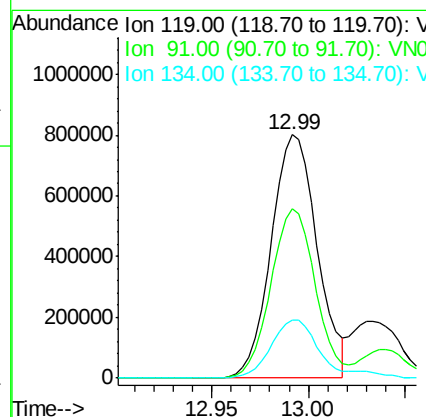
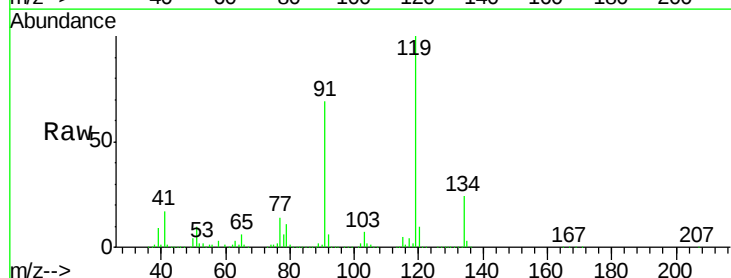
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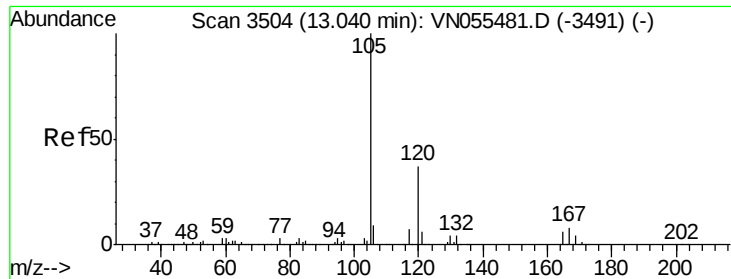
MMDadoda
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#83
tert-Butylbenzene
Concen: 44.295 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055533.D
Acq: 10 May 2019 7:04

Tgt Ion: 119 Resp: 1321995
Ion Ratio Lower Upper
119 100
91 67.5 33.8 101.3
134 24.3 12.5 37.5





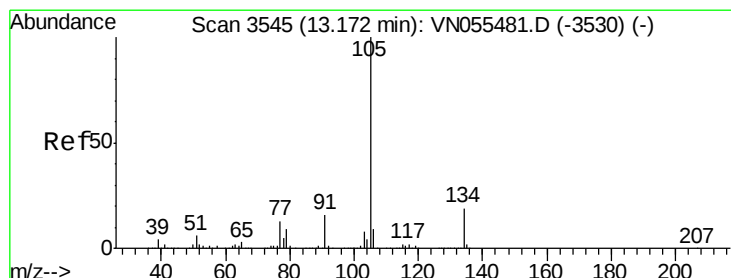
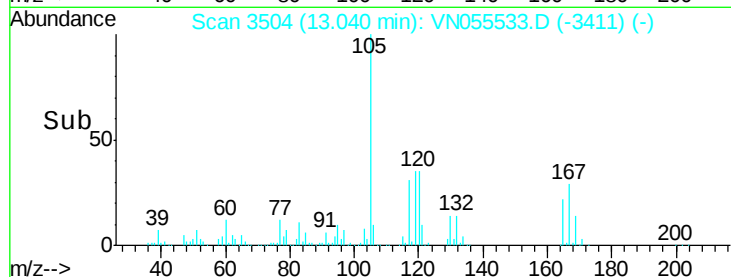
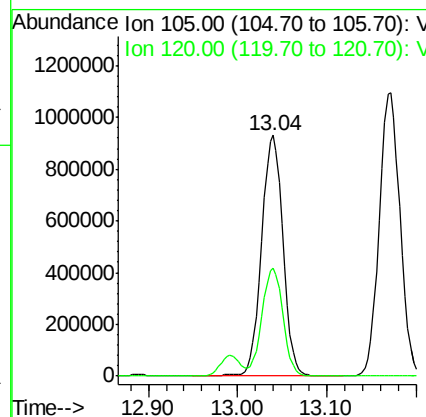
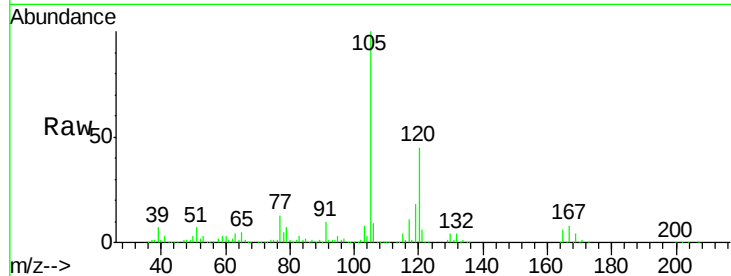
#84
 1,2,4-Trimethylbenzene
 Concen: 48.683 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion:105 Resp: 1554647
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5

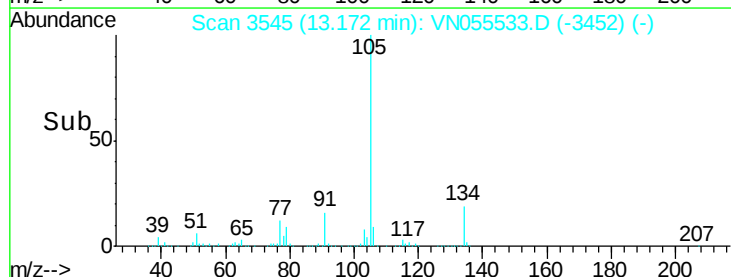
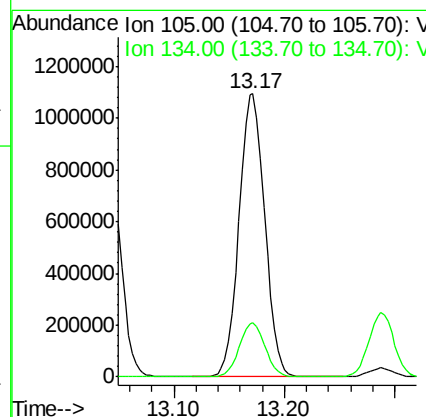
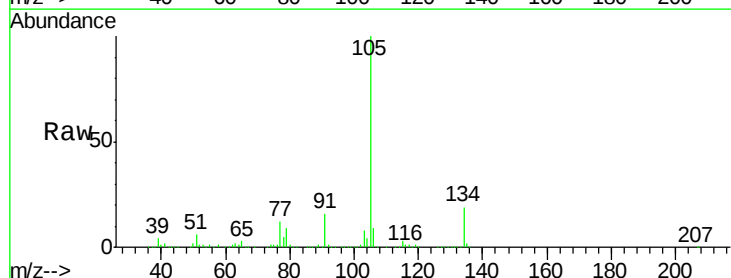
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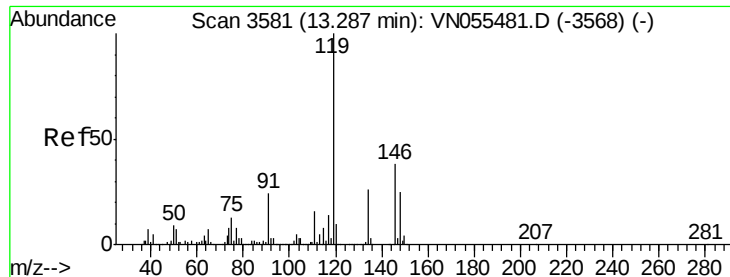
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 44.421 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion:105 Resp: 1761973
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.3 28.0





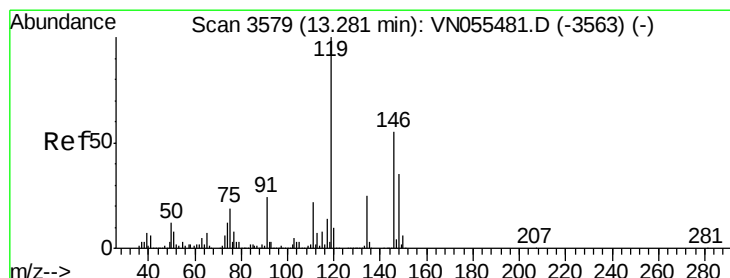
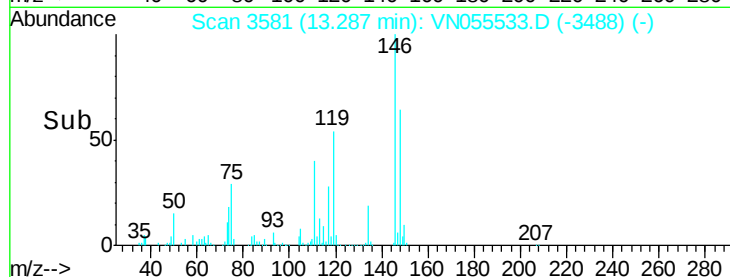
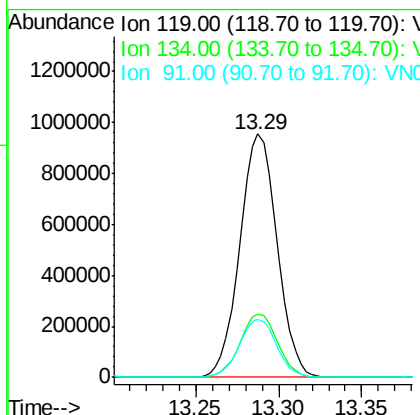
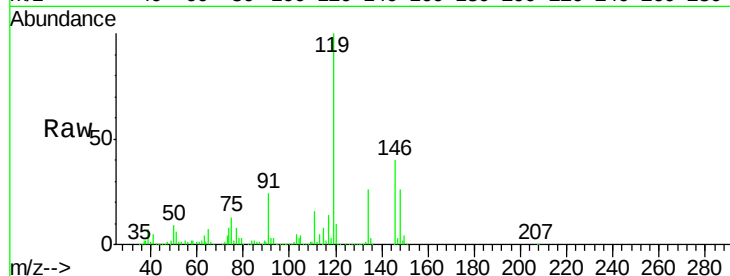
#86
 p-Isopropyltoluene
 Concen: 46.089 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.8	38.4
91	23.8	12.0	36.0

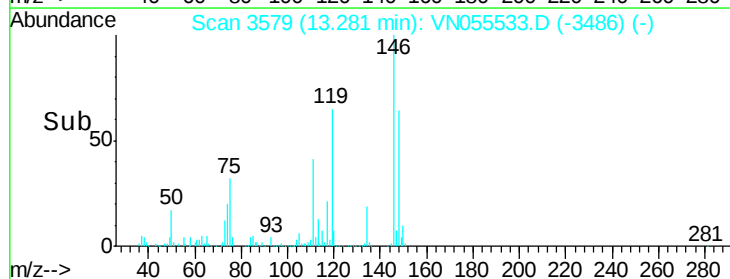
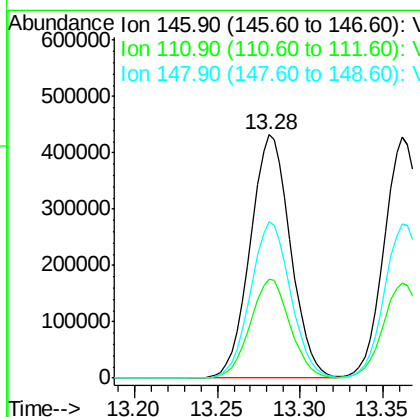
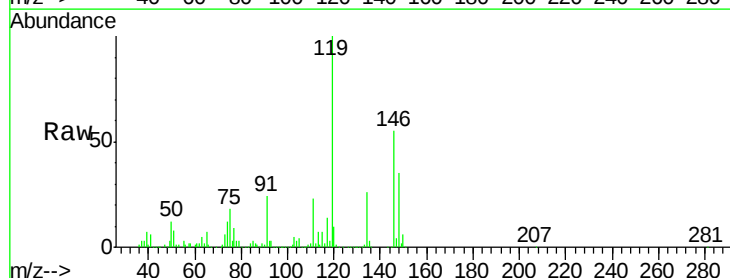
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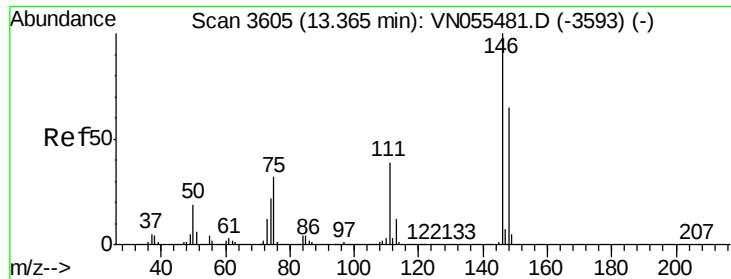
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#87
 1,3-Dichlorobenzene
 Concen: 49.301 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	63.9	32.1	96.5





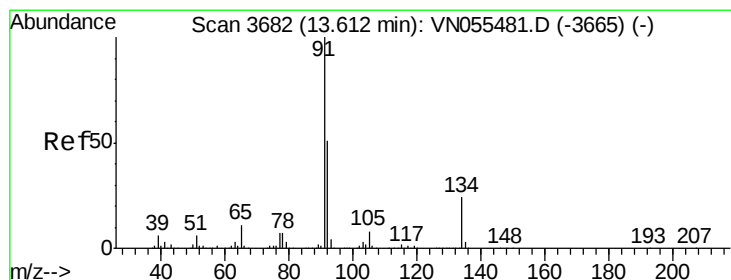
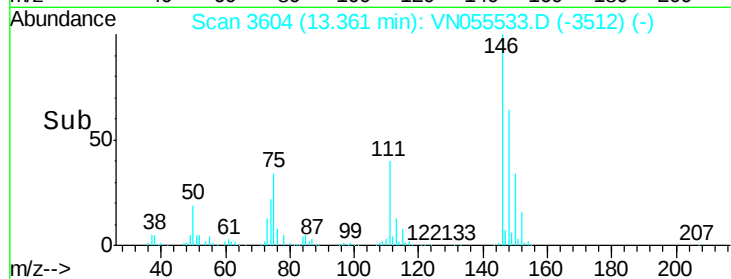
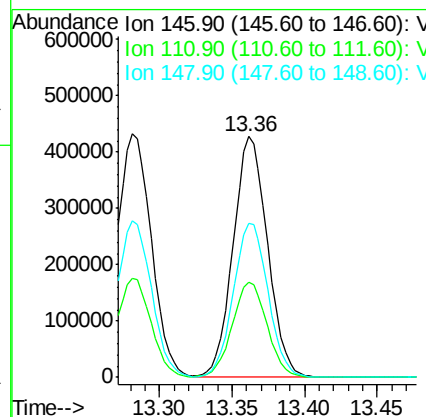
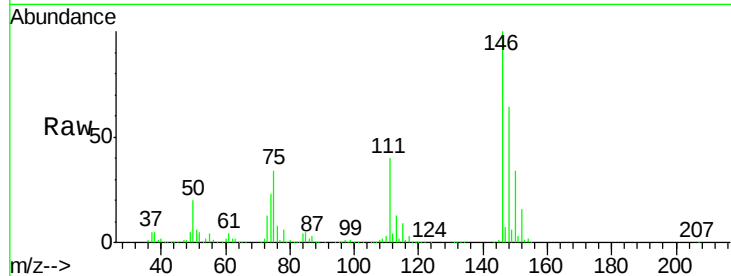
#88
 1,4-Dichlorobenzene
 Concen: 48.023 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.8
148	64.5	32.5	97.4

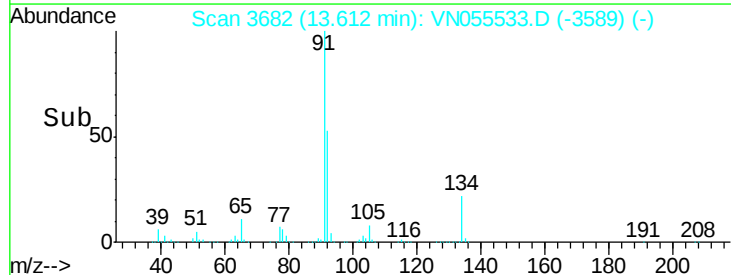
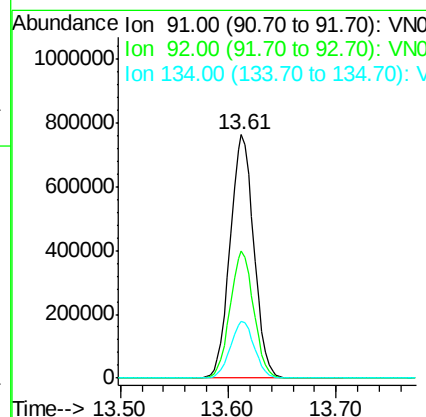
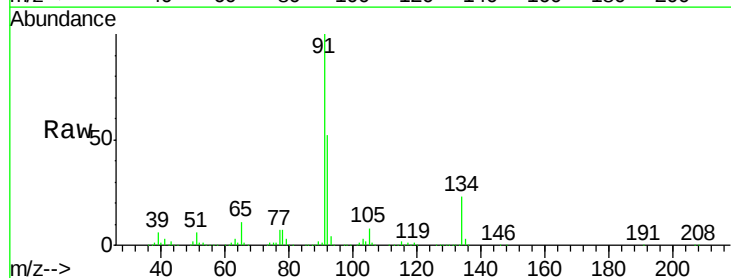
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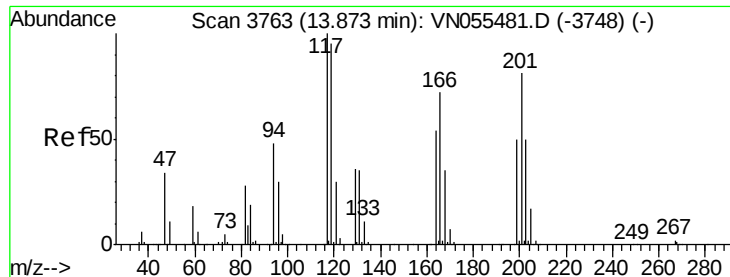
MMDadoda
 5/10/2019 12:44:27 PM



#89
 n-Butylbenzene
 Concen: 46.673 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.7
134	23.7	11.8	35.4





#90

Hexachloroethane

Concen: 45.665 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21MSD

Tot Ion:117 Resp: 240463

Ion Ratio Lower Upper

117 100

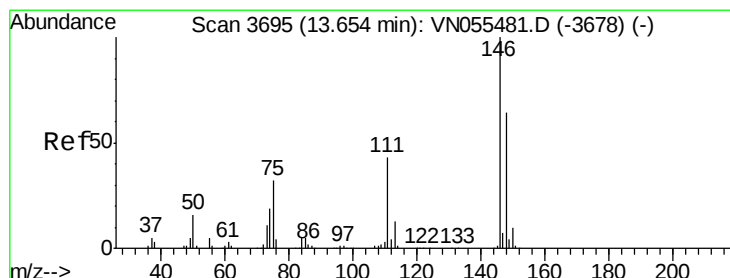
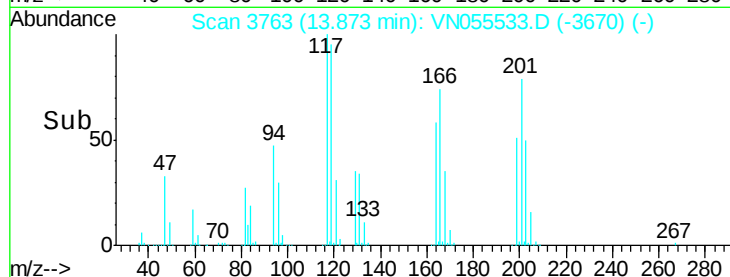
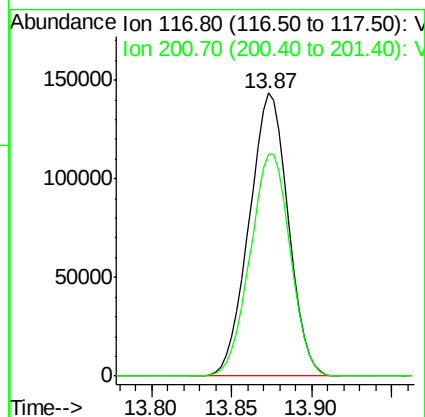
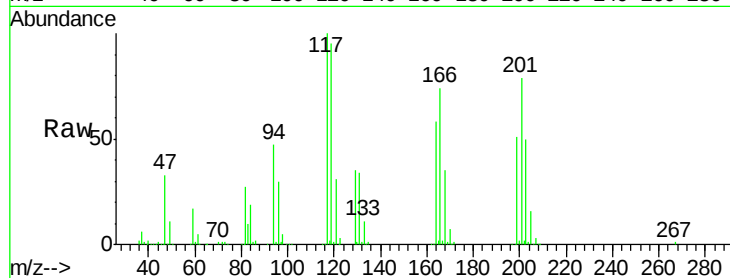
201 80.8 40.1 120.2

Manual Integrations

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#91

1,2-Dichlorobenzene

Concen: 48.734 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

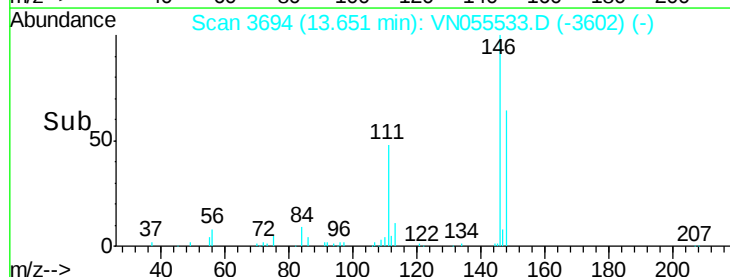
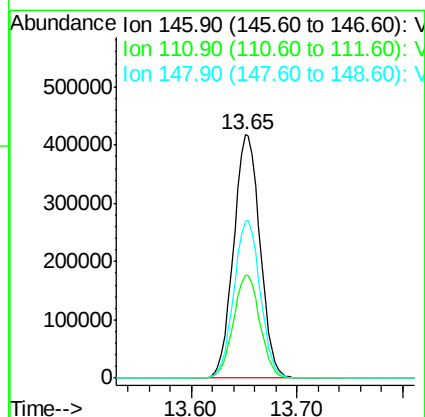
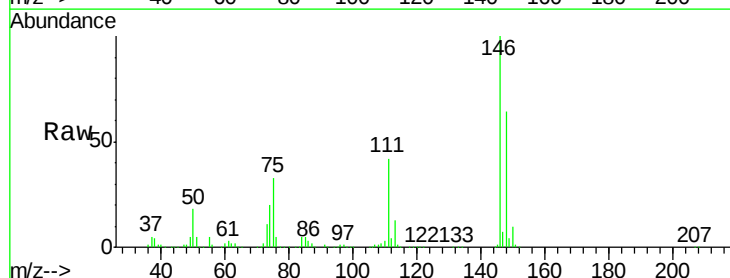
Tgt Ion:146 Resp: 722129

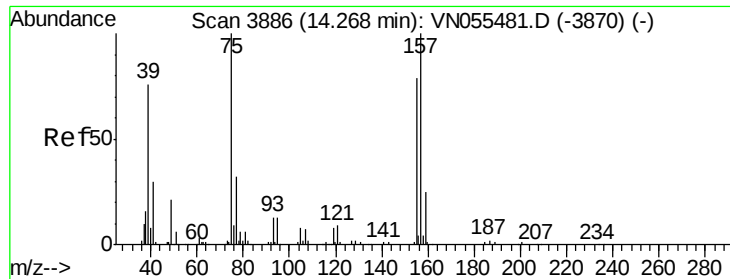
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.6 31.9 95.9





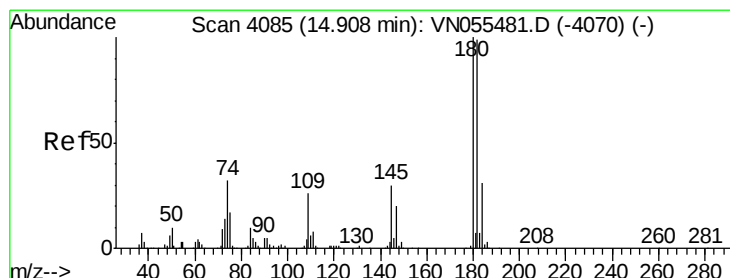
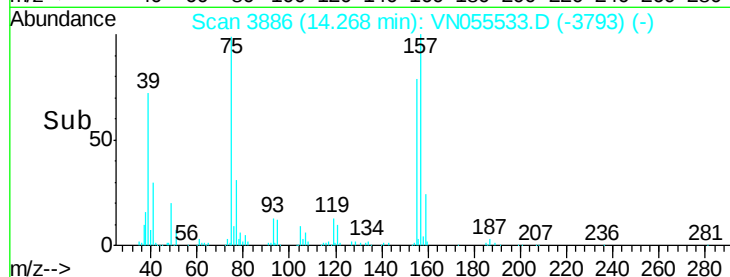
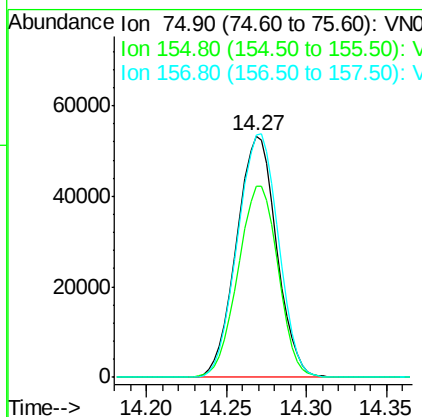
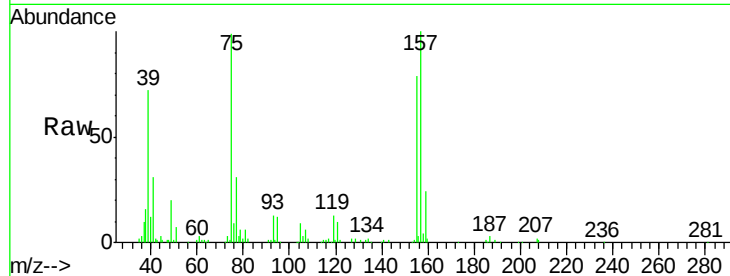
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.431 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	79.6	39.3	117.8
157	103.2	50.6	151.8

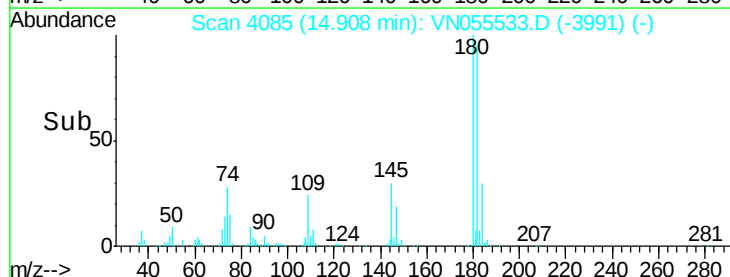
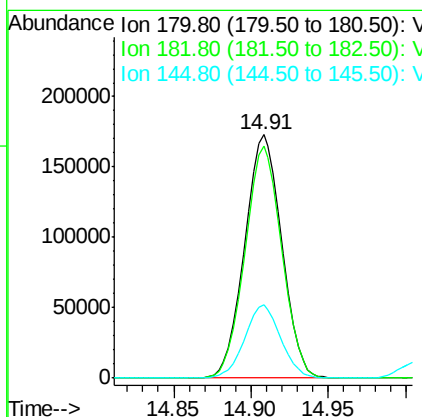
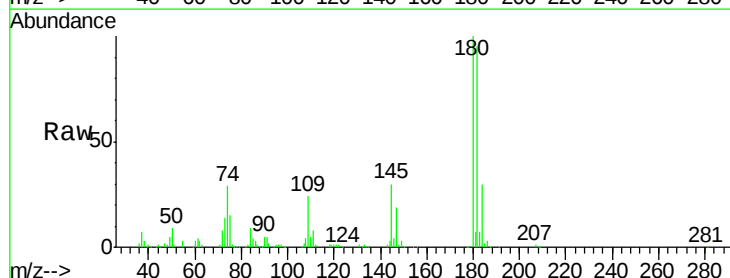
Manual Integrations
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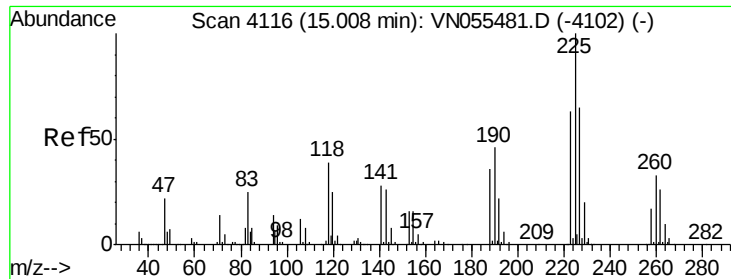
MMDadoda
 5/10/2019 12:44:27 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.042 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.7	146.1
145	29.3	15.3	45.9





#94

Hexachlorobutadiene

Concen: 48.521 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Instrument :

MSVOA_N

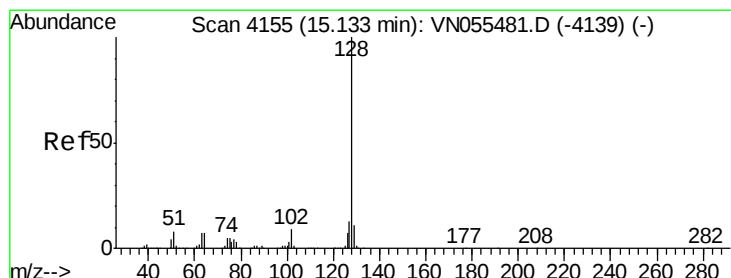
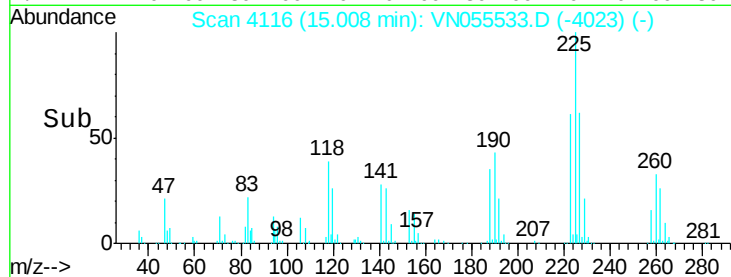
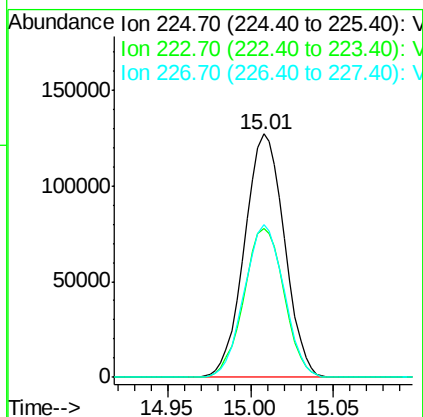
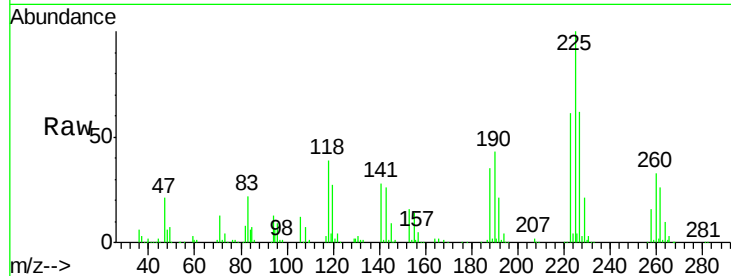
ClientSampleId :

CKMW-21MSD

Tot Ion:	225	Resp:	213069
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.4	94.3
227	62.6	32.0	96.0

Manual Integrations
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#95

Naphthalene

Concen: 44.729 ug/l

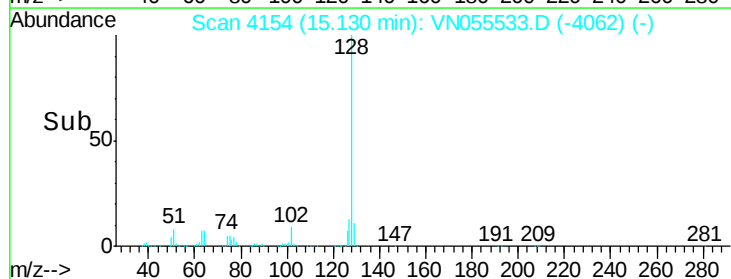
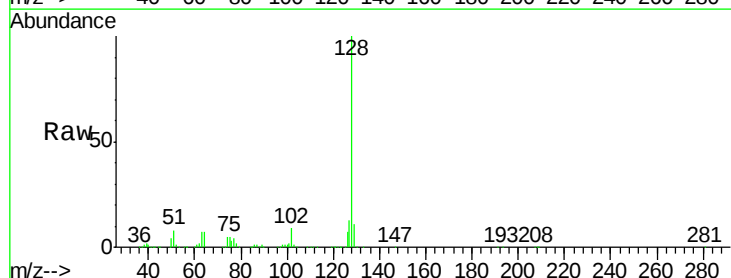
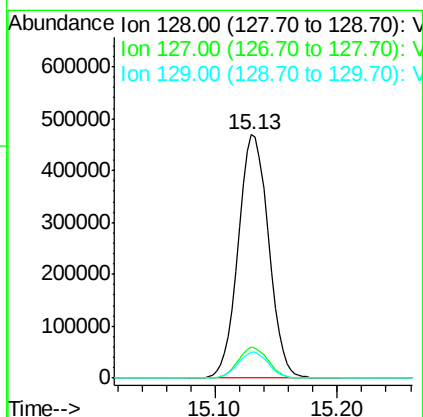
RT: 15.13 min Scan# 4154

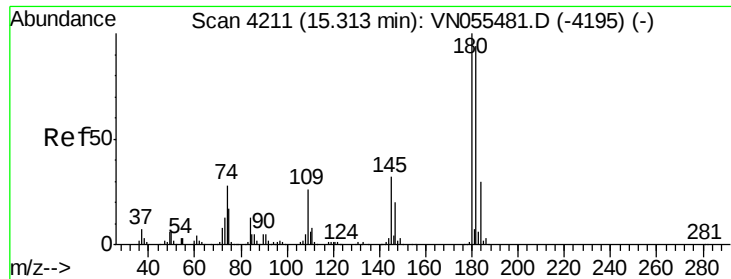
Delta R.T. -0.00 min

Lab File: VN055533.D

Acq: 10 May 2019 7:04

Tgt Ion:	128	Resp:	805986
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.0	15.0
129	10.7	8.8	13.2





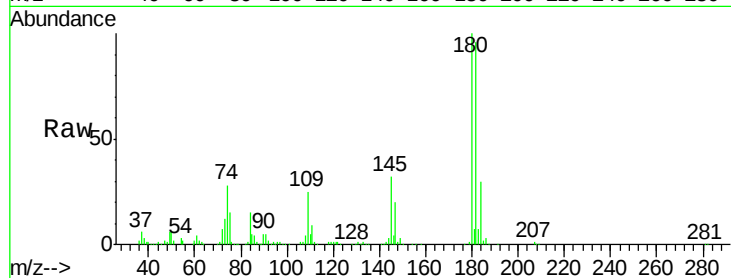
#96
 1,2,3-Trichlorobenzene
 Concen: 46.040 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055533.D
 Acq: 10 May 2019 7:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	47.1	141.3	
145	31.8	15.8	47.4	

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

