

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016313.D
 Acq On : 18 May 2020 21:05
 Operator : JC/SP
 Sample : L2672-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 2:27:12 PM

Quant Time: May 19 02:56:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	409018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150193	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.47	113	124865	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.70	98	480090	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.12	95	186925	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130938	50.573	ug/l	98
3) Chloromethane	1.31	50	131987	43.896	ug/l	98
4) Vinyl Chloride	1.39	62	170907	53.277	ug/l	100
5) Bromomethane	1.62	94	63865	39.490	ug/l	99
6) Chloroethane	1.70	64	97030	49.711	ug/l	98
7) Trichlorofluoromethane	1.91	101	206293	48.983	ug/l	99
8) Diethyl Ether	2.17	74	89778	50.594	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	118304	48.689	ug/l	99
10) Methyl Iodide	2.49	142	95845	29.366	ug/l	99
11) Tert butyl alcohol	3.02	59	197219	242.302	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123838	48.703	ug/l	97
13) Acrolein	2.27	56	155131	304.575	ug/l	98
14) Allyl chloride	2.71	41	217672	46.689	ug/l	94
15) Acrylonitrile	3.12	53	436129	258.291	ug/l	99
16) Acetone	2.42	43	340765	237.272	ug/l	94
17) Carbon Disulfide	2.55	76	342474	44.829	ug/l	99
18) Methyl Acetate	2.75	43	182766	51.757	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	472027	53.851	ug/l	99
20) Methylene Chloride	2.84	84	146436	49.461	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	142081	50.143	ug/l	97
22) Diisopropyl ether	3.82	45	447351	50.862	ug/l	95
23) Vinyl Acetate	3.79	43	1889286	244.154	ug/l	97
24) 1,1-Dichloroethane	3.67	63	254987	51.825	ug/l	99
25) 2-Butanone	4.64	43	589248	254.616	ug/l	97
26) 2,2-Dichloropropane	4.55	77	199779	44.461	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	185409	59.853	ug/l	94
28) Bromochloromethane	4.98	49	110919	49.440	ug/l	94
29) Tetrahydrofuran	5.09	42	385658	251.500	ug/l	96
30) Chloroform	5.18	83	257383	52.540	ug/l	99
31) Cyclohexane	5.55	56	208088	46.537	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	229443	51.526	ug/l	98
36) 1,1-Dichloropropene	5.78	75	191059	47.454	ug/l	99
37) Ethyl Acetate	4.79	43	217325	46.571	ug/l	98
38) Carbon Tetrachloride	5.76	117	201488	49.235	ug/l	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	197818	40.799	ug/l	99
40) Benzene	6.12	78	1646930	139.802	ug/l	100
41) Methacrylonitrile	5.01	41	123435	48.979	ug/l	98
42) 1,2-Dichloroethane	6.17	62	212047	49.967	ug/l	99
43) Isopropyl Acetate	6.42	43	353080	47.422	ug/l	97
44) Trichloroethene	7.19	130	175639	41.967	ug/l	99
45) 1,2-Dichloropropane	7.49	63	152994	51.325	ug/l	100
46) Dibromomethane	7.64	93	101161	49.938	ug/l	98
47) Bromodichloromethane	7.88	83	213416	51.729	ug/l	98
48) Methyl methacrylate	7.75	41	168835	47.855	ug/l	93
49) 1,4-Dioxane	7.71	88	74041	875.039	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1141480	250.531	ug/l	96
52) Toluene	8.77	92	387795	52.812	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	246351	50.081	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	256176	49.859	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	156016	54.004	ug/l	98
56) Ethyl methacrylate	9.16	69	253116	53.675	ug/l	92
57) 1,3-Dichloropropane	9.35	76	262128	51.999	ug/l	99
59) 2-Hexanone	9.48	43	887874	248.140	ug/l	96
60) Dibromochloromethane	9.57	129	176130	55.355	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163781	52.338	ug/l	99
64) Tetrachloroethene	9.32	164	190969	40.508	ug/l	98
65) Chlorobenzene	10.13	112	7526750	936.058	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	154435	51.963	ug/l	98
67) Ethyl Benzene	10.24	91	723939	50.459	ug/l	99
68) m/p-Xylenes	10.34	106	541572	100.752	ug/l	99
69) o-Xylene	10.68	106	264571	51.205	ug/l	100
70) Styrene	10.70	104	458392	52.294	ug/l	99
71) Bromoform	10.84	173	136101	56.208	ug/l #	100
73) Isopropylbenzene	11.00	105	707303	51.556	ug/l	99
74) N-amyl acetate	10.88	43	303869	47.485	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	201347	71.017	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	218092m	50.953	ug/l	
77) Bromobenzene	11.24	156	177766	50.200	ug/l	99
78) n-propylbenzene	11.35	91	771889	48.364	ug/l	99
79) 2-Chlorotoluene	11.40	91	470126	49.903	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	556717	48.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	88692	49.381	ug/l	95
82) 4-Chlorotoluene	11.49	91	550480	49.482	ug/l	100
83) tert-Butylbenzene	11.76	119	514107	51.500	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	576520	49.230	ug/l	99
85) sec-Butylbenzene	11.93	105	593129	44.006	ug/l	96
86) p-Isopropyltoluene	12.05	119	532192	42.528	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	539795	84.897	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	830332	128.665	ug/l	99
89) n-Butylbenzene	12.37	91	435604	38.103	ug/l	100
90) Hexachloroethane	12.58	117	94224	43.842	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	2344982	383.020	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57302	50.796	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	194140	42.830	ug/l	99

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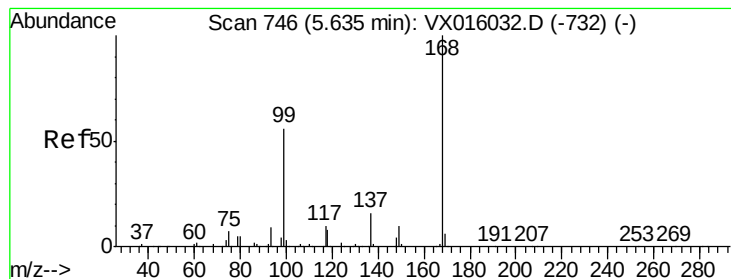
Manual Integrations
APPROVED

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	65017	33.486	ug/l	100
95) Naphthalene	13.82	128	765696	52.170	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	194065	43.808	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion:168 Resp: 244605

Ion Ratio Lower Upper

168 100

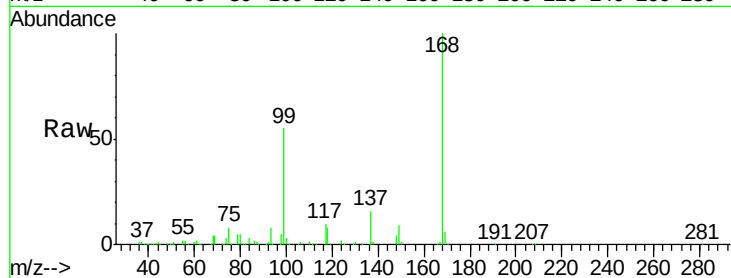
99 55.2 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

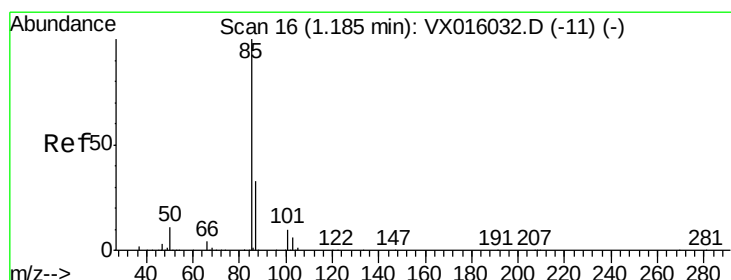
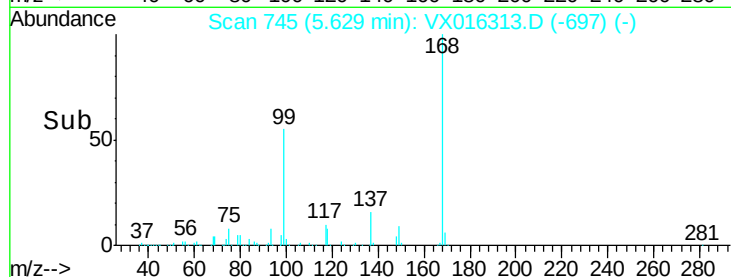
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.573 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016313.D

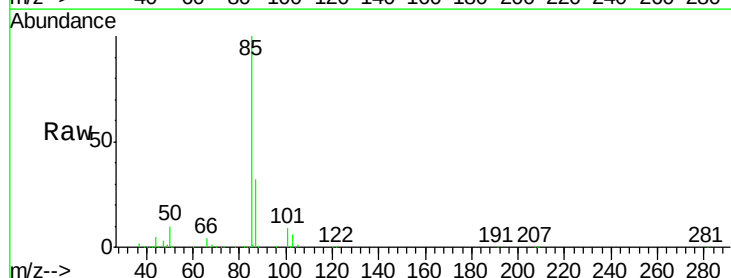
Acq: 18 May 2020 21:05

Tgt Ion: 85 Resp: 130938

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

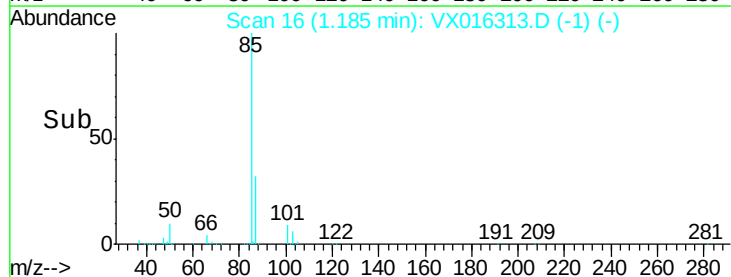
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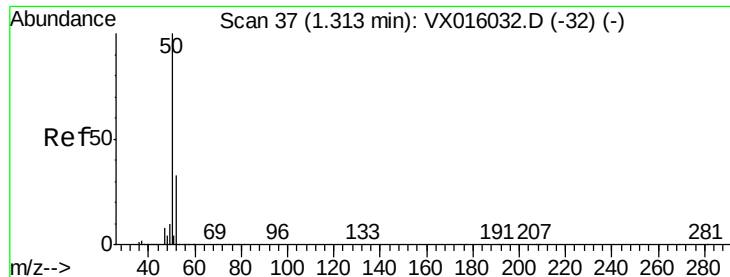
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.896 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 50 Resp: 131987

Ion Ratio Lower Upper

50 100

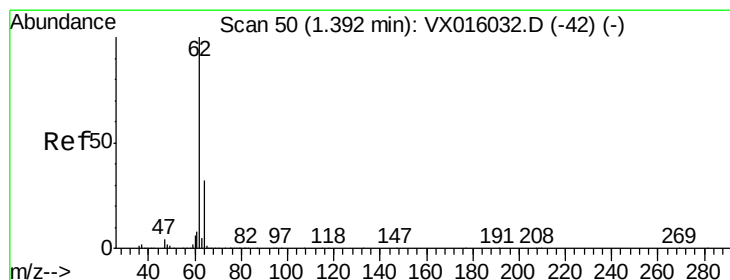
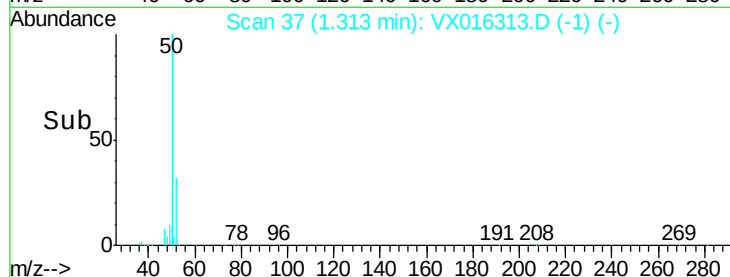
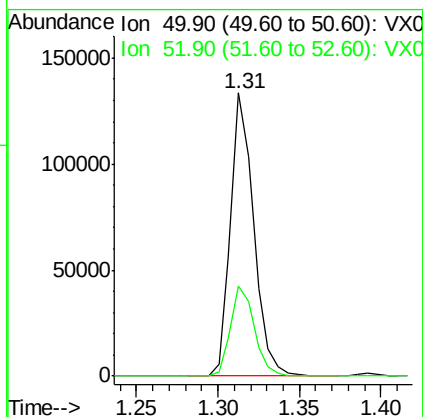
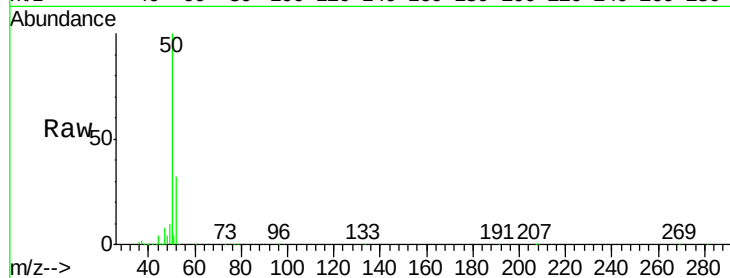
52 31.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 53.277 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016313.D

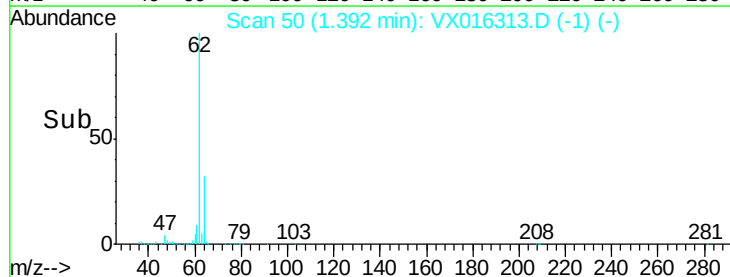
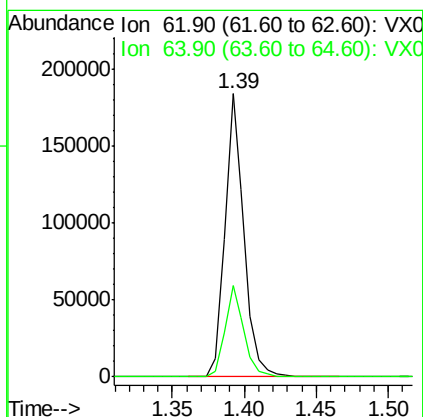
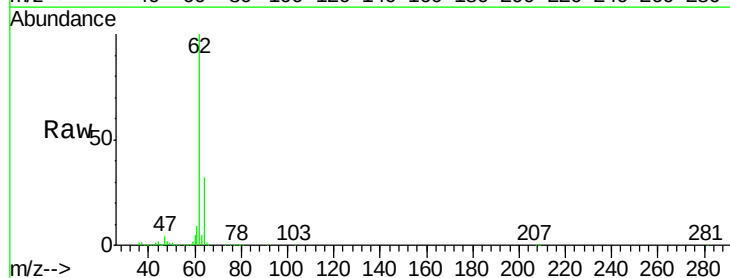
Acq: 18 May 2020 21:05

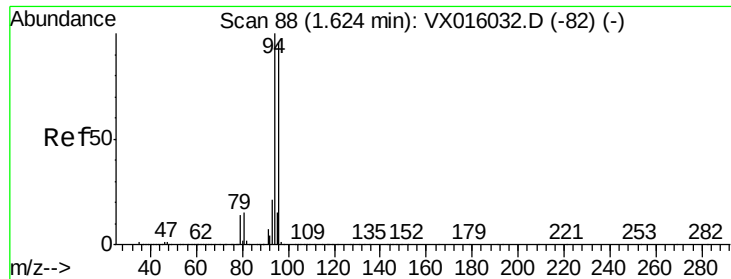
Tgt Ion: 62 Resp: 170907

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 39.490 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 94 Resp: 63865

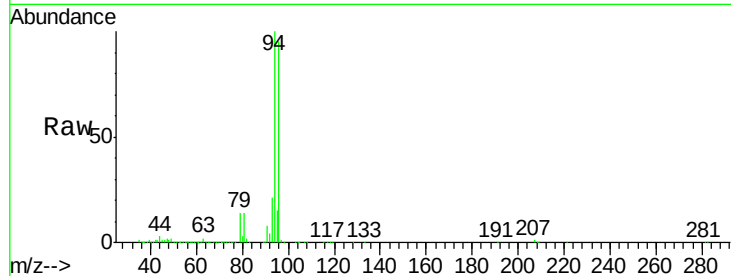
Ion Ratio Lower Upper

94 100

96 95.1 76.9 115.3

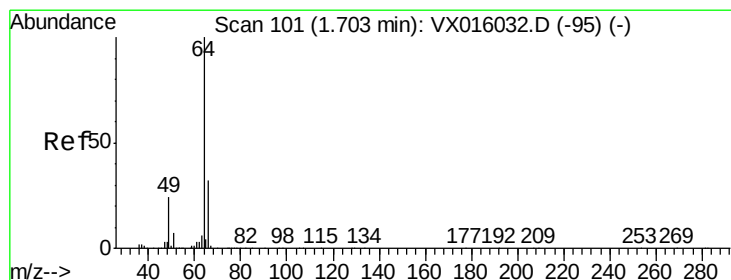
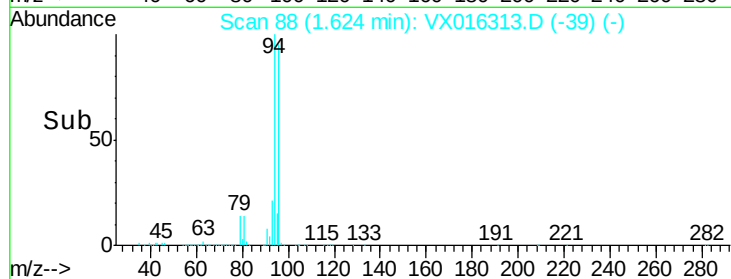
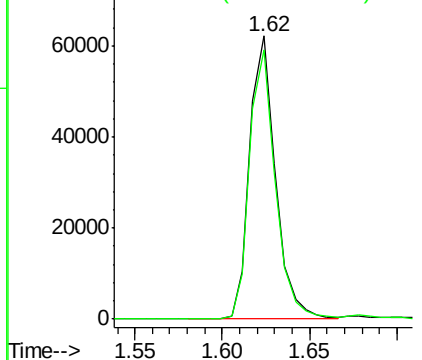
Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.711 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016313.D

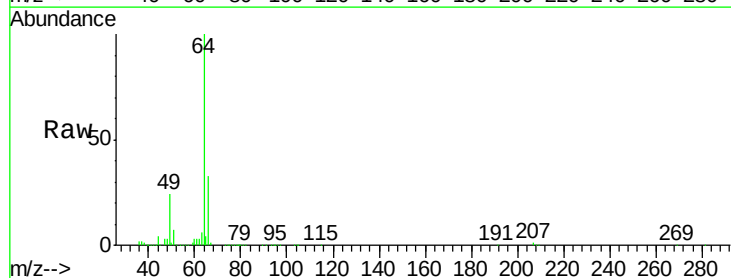
Acq: 18 May 2020 21:05

Tgt Ion: 64 Resp: 97030

Ion Ratio Lower Upper

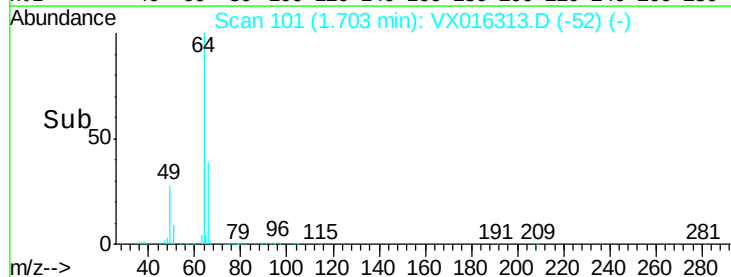
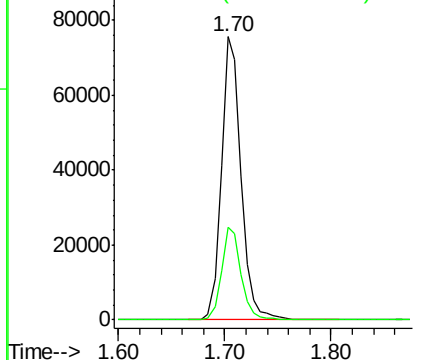
64 100

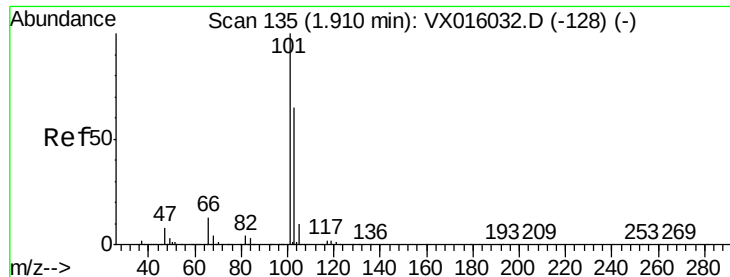
66 32.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

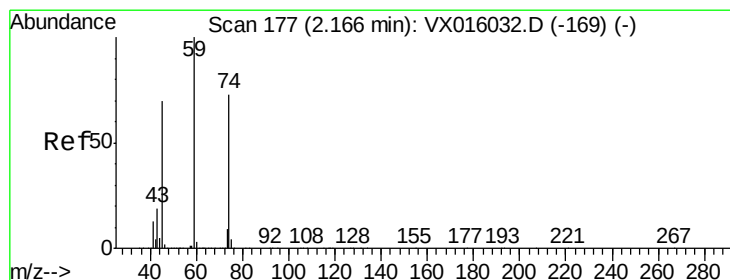
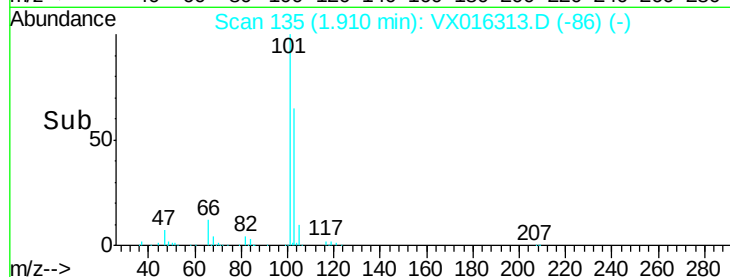
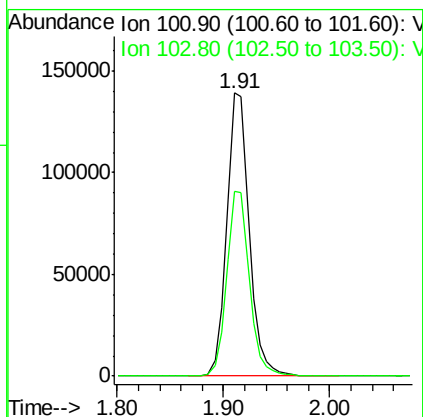
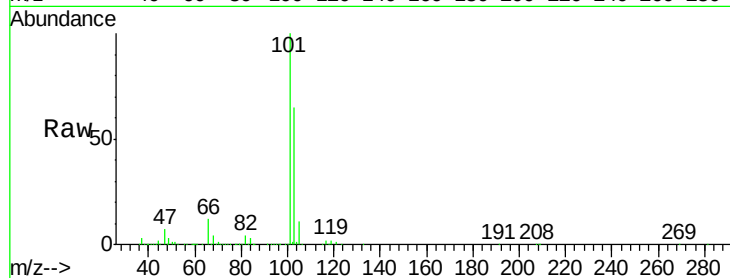
Trichlorofluoromethane
Concen: 48.983 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.6

Manual Integrations
APPROVED

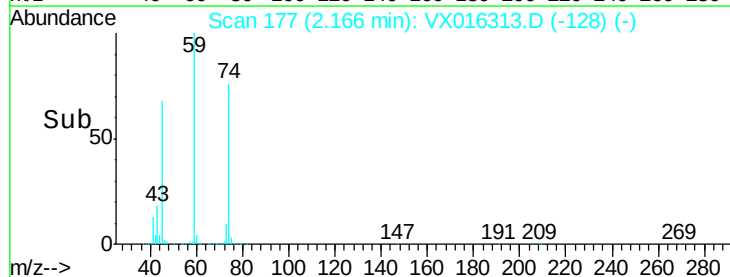
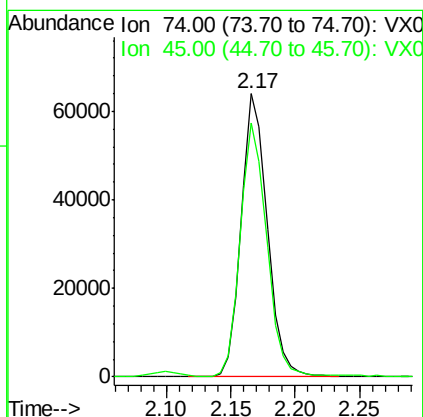
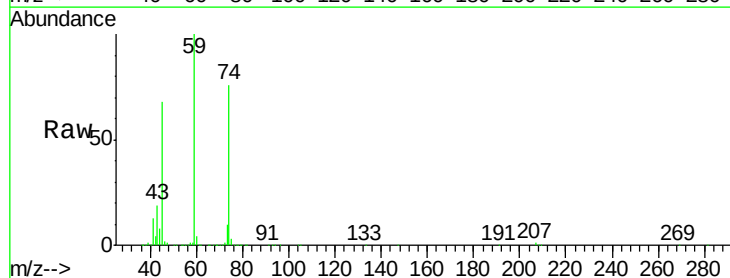
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5/19/2020 2:27:12 PM

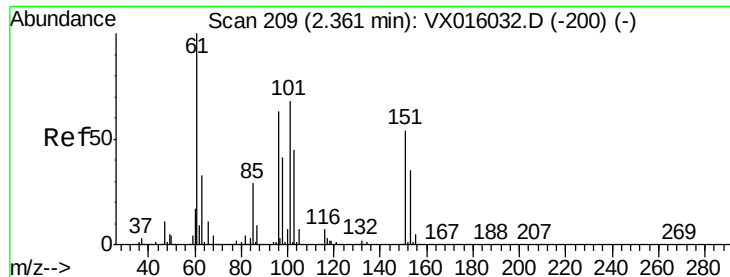


#8

Diethyl Ether
Concen: 50.594 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.689 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016313.D

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Instrument :

MSVOA_X

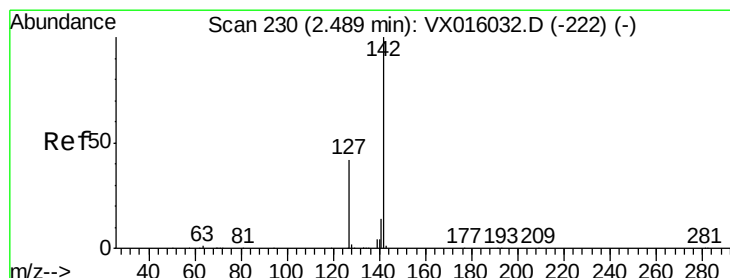
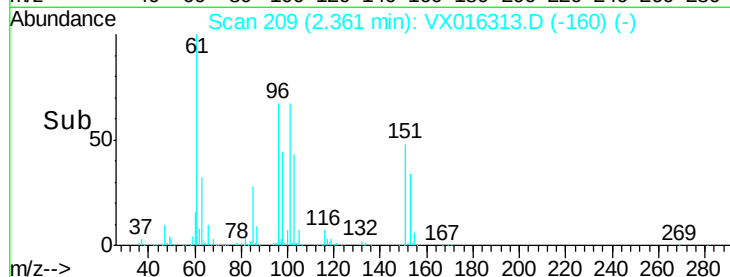
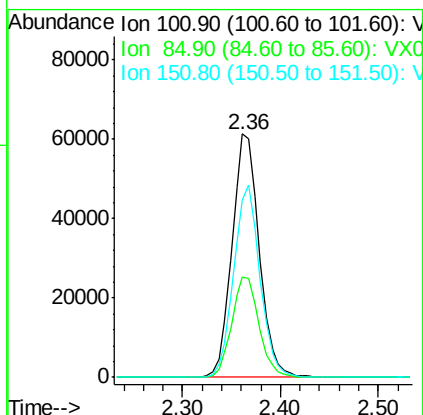
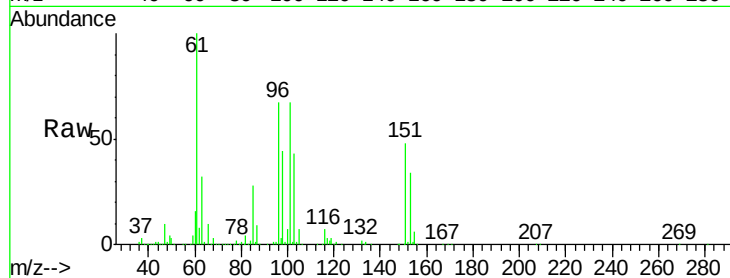
ClientSampleId :

WP021MW173-200514MSD

Tot Ion:	101	Resp:	118304
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.2	51.4
151	76.8	62.1	93.1

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#10

Methyl Iodide

Concen: 29.366 ug/l

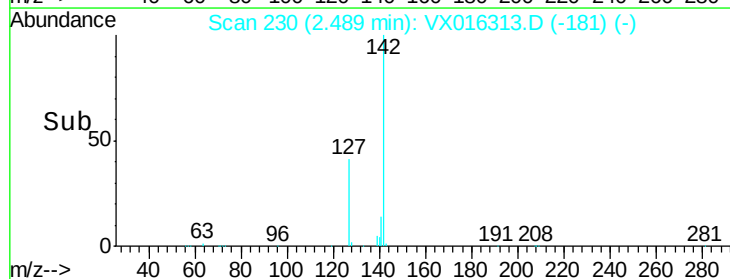
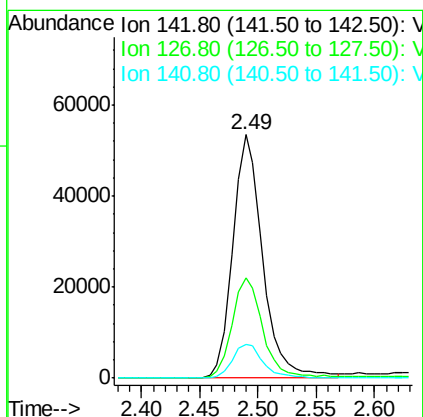
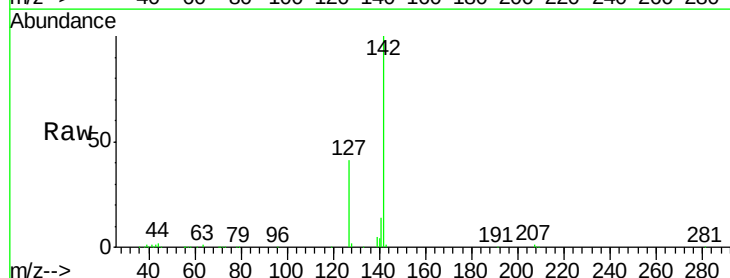
RT: 2.49 min Scan# 230

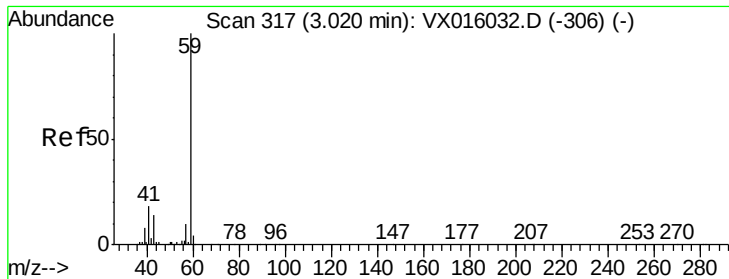
Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion:	142	Resp:	95845
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.6	52.0
141	14.6	11.3	16.9





#11

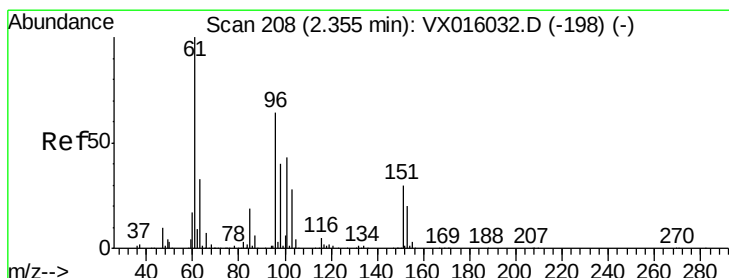
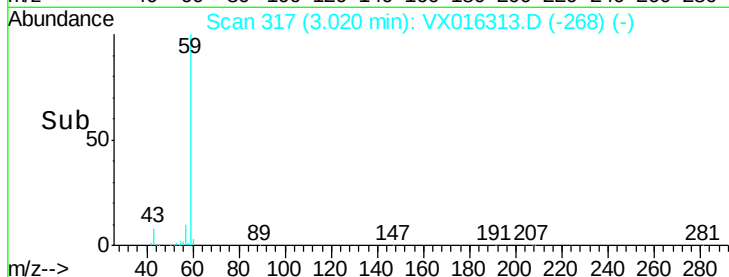
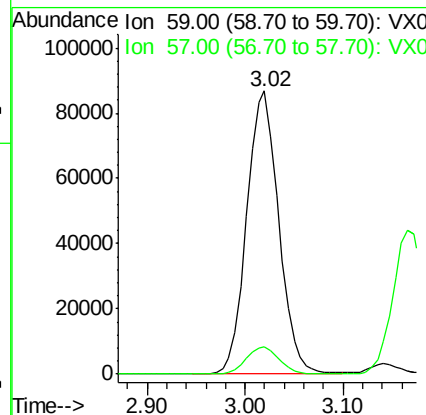
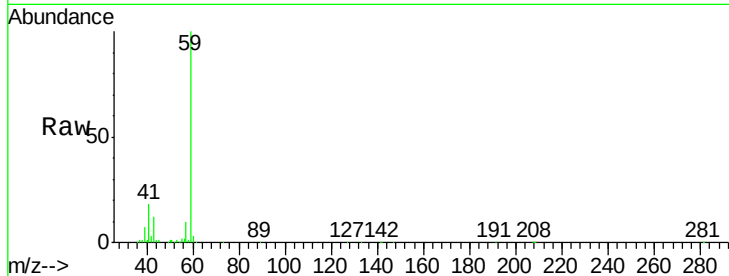
Tert butyl alcohol
Concen: 242.302 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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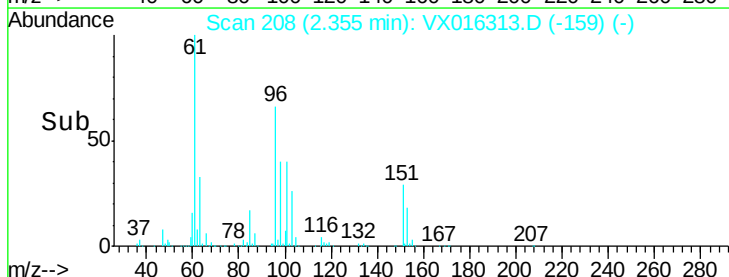
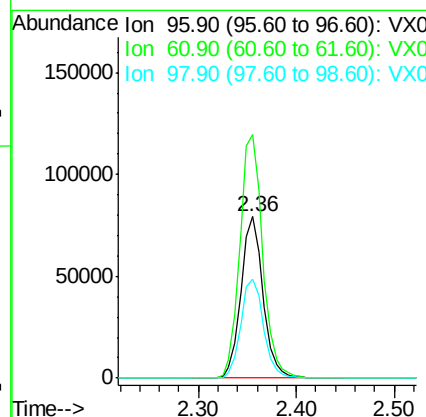
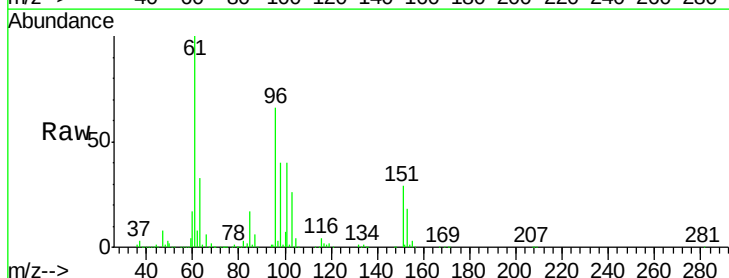
MMDadoda
5/19/2020 2:27:12 PM

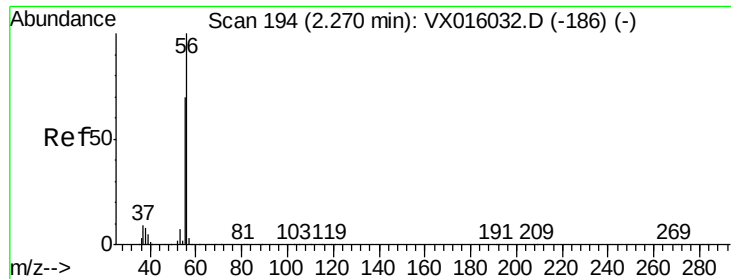


#12

1,1-Dichloroethene
Concen: 48.703 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.9	124.8	187.2
98	61.0	49.7	74.5





#13

Acrolein

Concen: 304.575 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 56 Resp: 155131

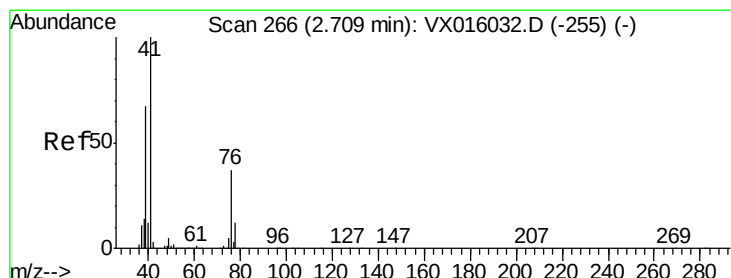
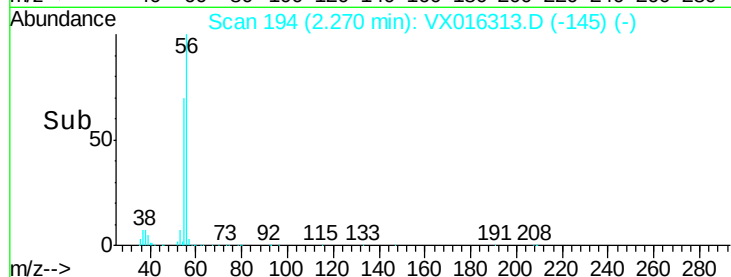
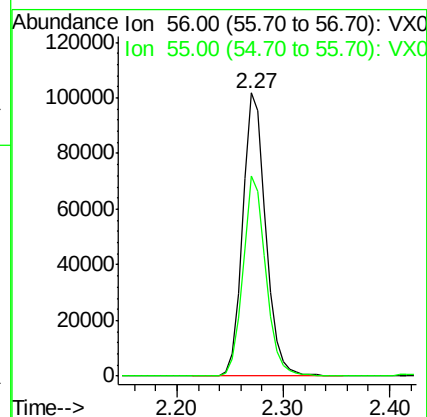
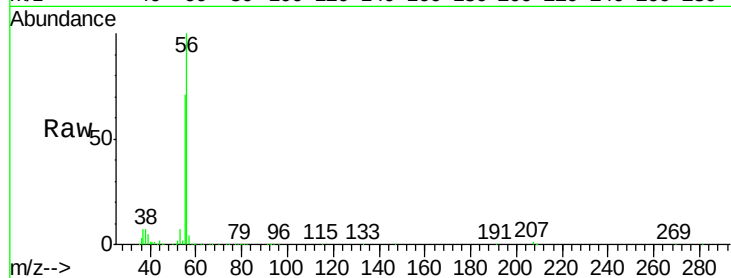
Ion Ratio Lower Upper

56 100

55 69.3 56.5 84.7

Manual Integrations
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#14

Allyl chloride

Concen: 46.689 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

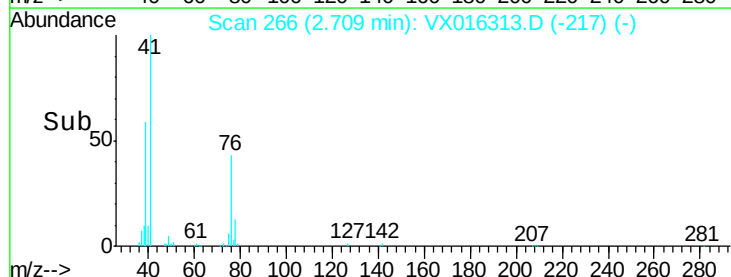
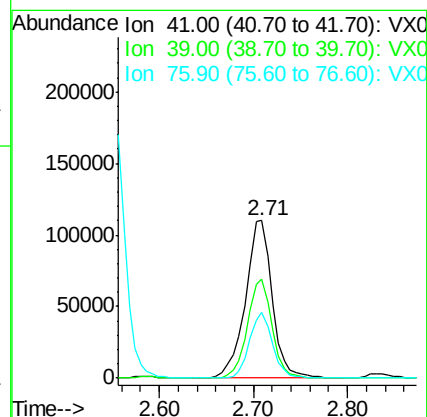
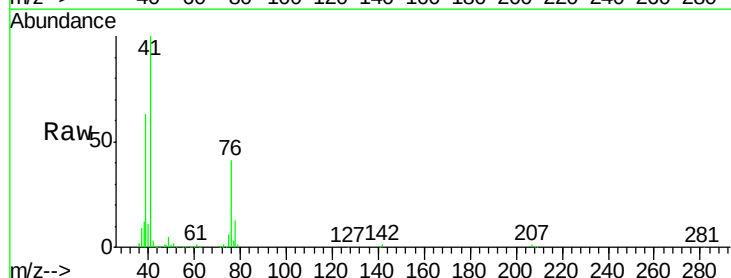
Tgt Ion: 41 Resp: 217672

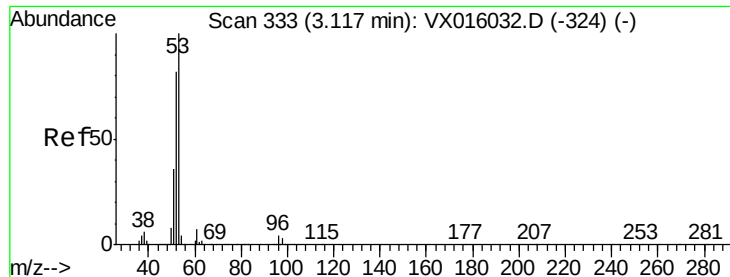
Ion Ratio Lower Upper

41 100

39 57.7 50.5 75.7

76 36.2 26.6 40.0





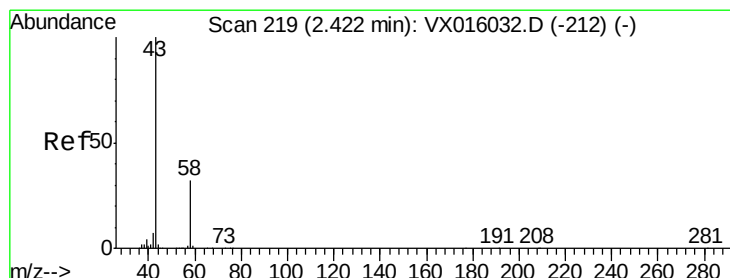
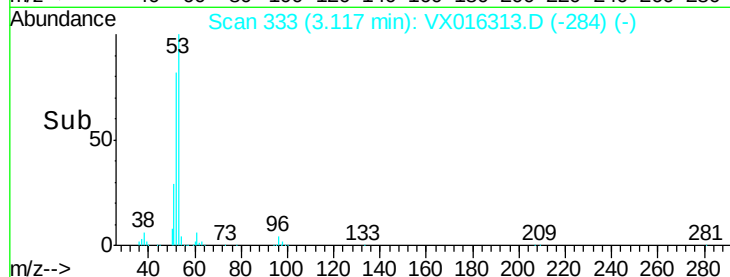
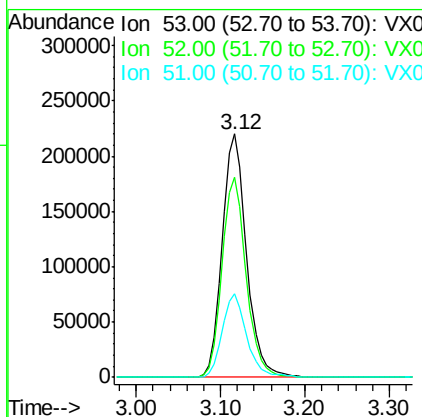
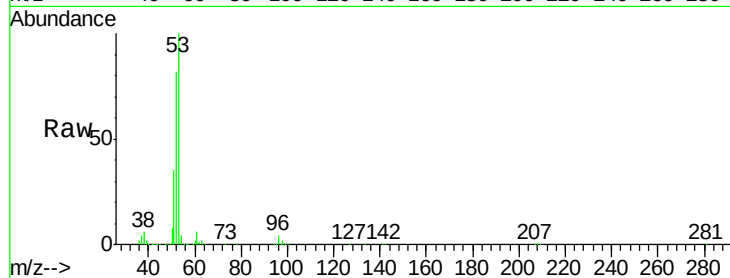
#15
 Acrylonitrile
 Concen: 258.291 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion:	53	Resp:	436129
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.1	99.1
51	35.0	28.8	43.2

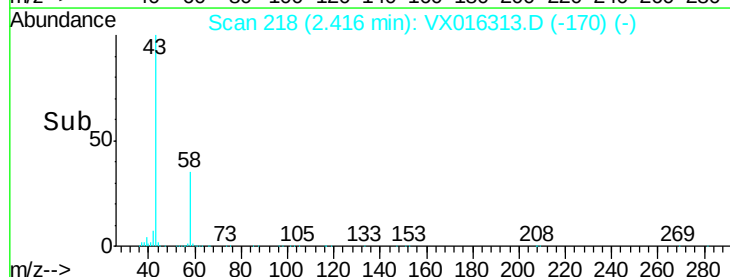
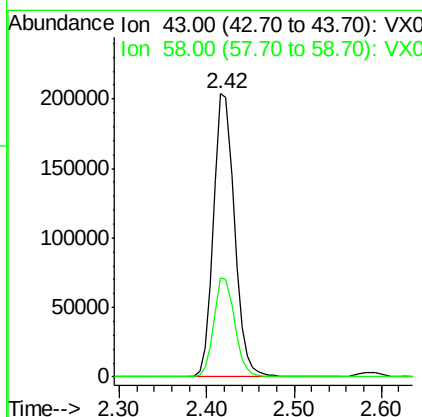
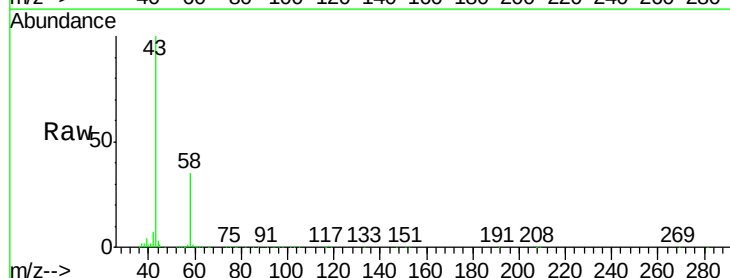
Manual Integrations
 APPROVED

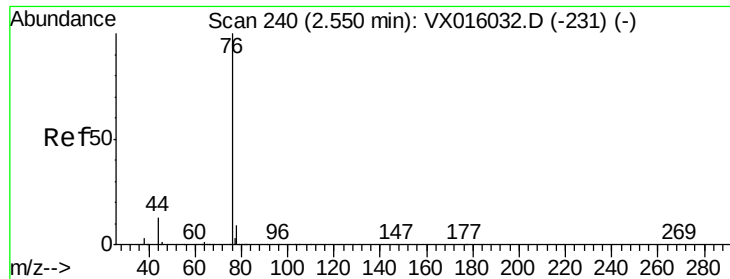
MMDadoda
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#16
 Acetone
 Concen: 237.272 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Tgt Ion:	43	Resp:	340765
Ion Ratio	Lower	Upper	
43	100		
58	35.0	25.4	38.0





#17

Carbon Disulfide

Concen: 44.829 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 76 Resp: 342474

Ion Ratio Lower Upper

76 100

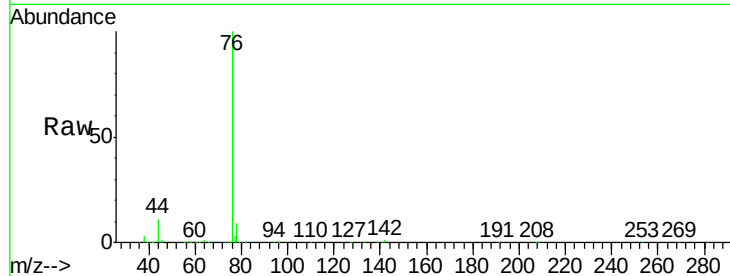
78 9.0 7.5 11.3

Manual Integrations

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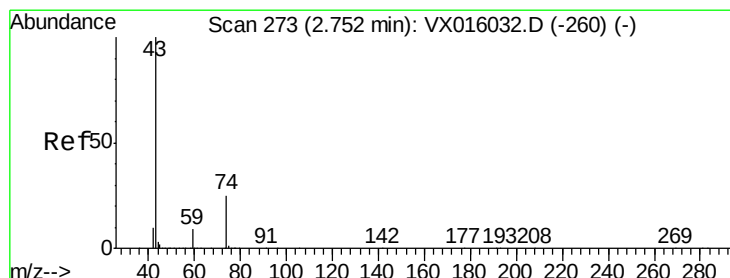
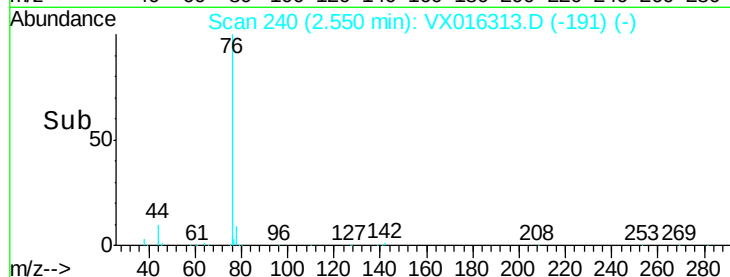
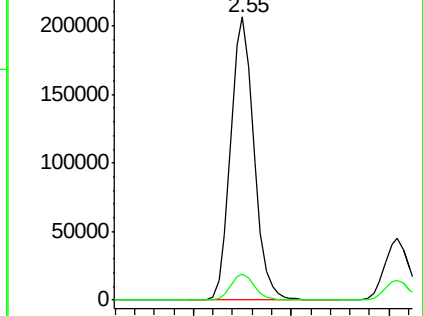
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.757 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016313.D

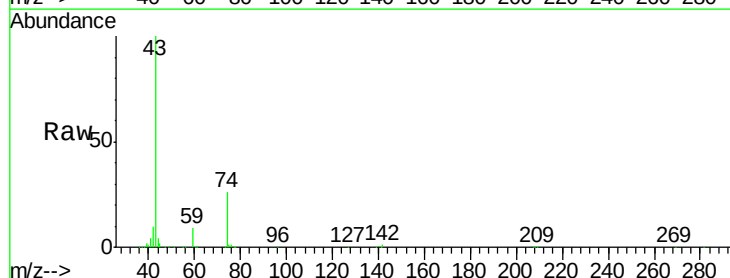
Acq: 18 May 2020 21:05

Tgt Ion: 43 Resp: 182766

Ion Ratio Lower Upper

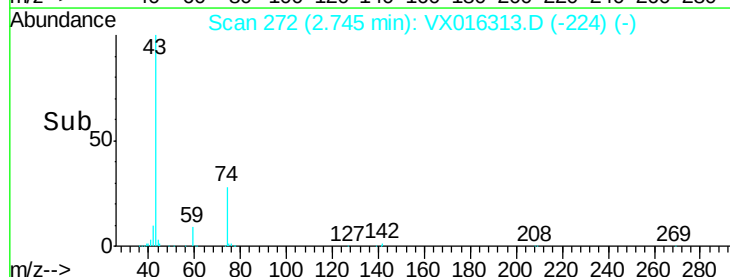
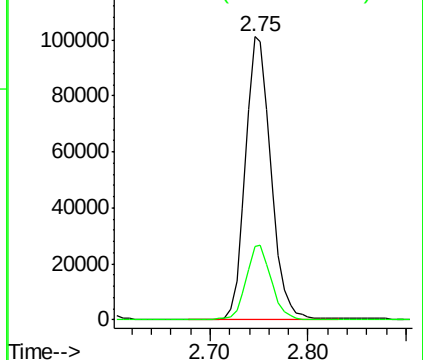
43 100

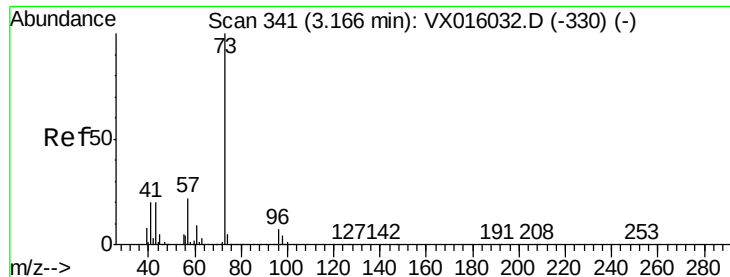
74 26.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





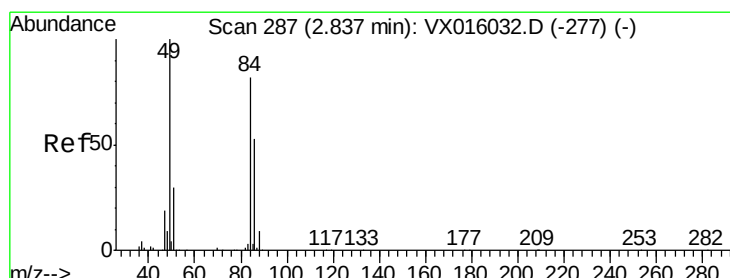
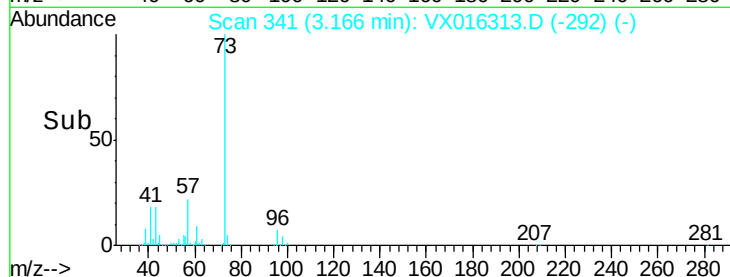
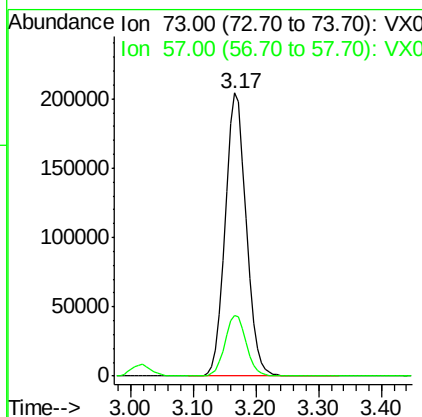
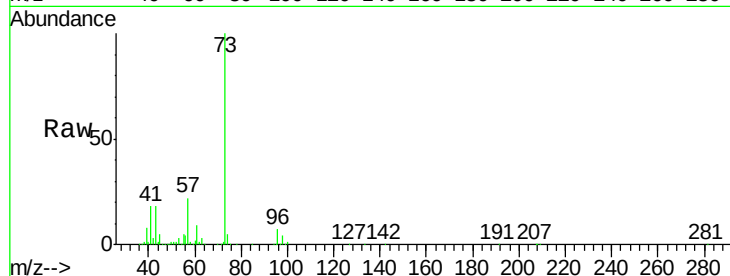
#19
Methyl tert-butyl Ether
Concen: 53.851 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

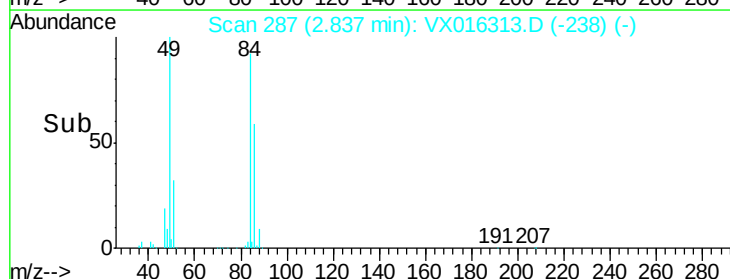
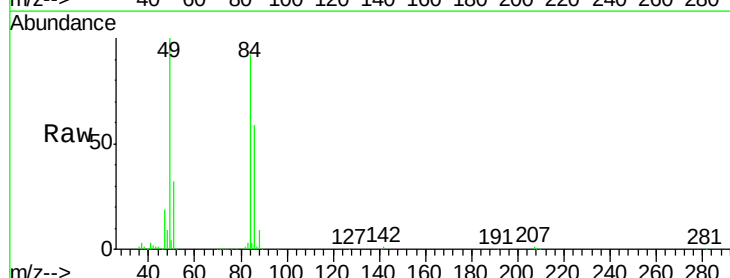
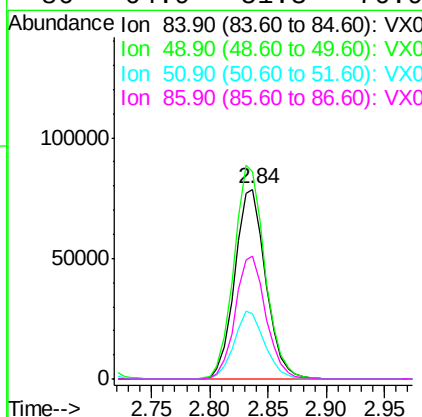
Manual Integrations
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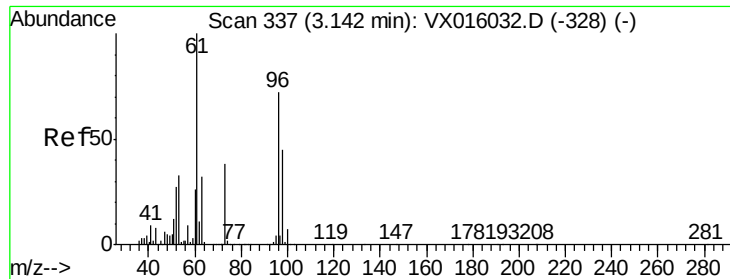
MMDadoda
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#20
Methylene Chloride
Concen: 49.461 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.3	97.3	145.9
51	34.7	29.3	43.9
86	64.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 50.143 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

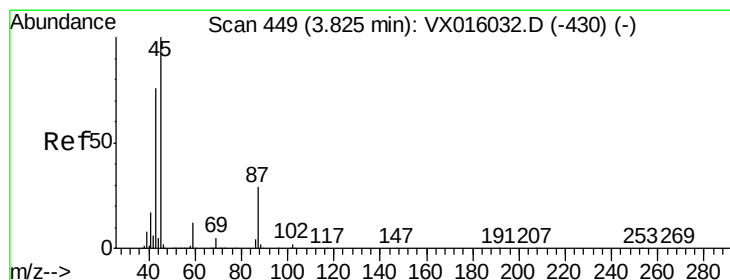
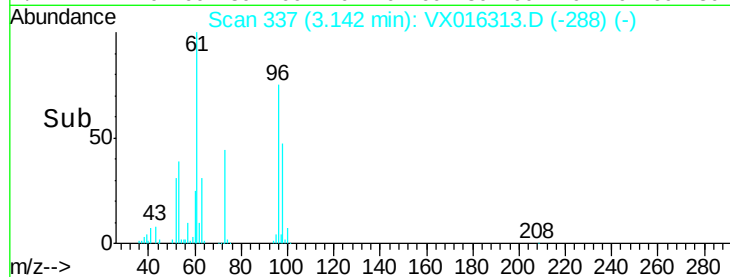
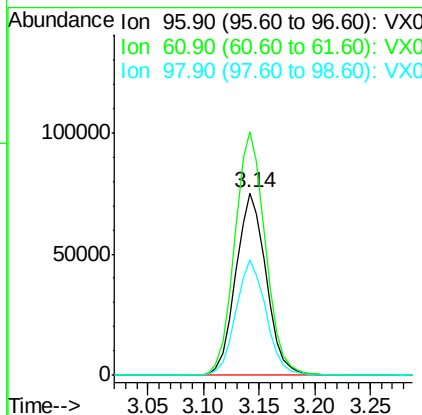
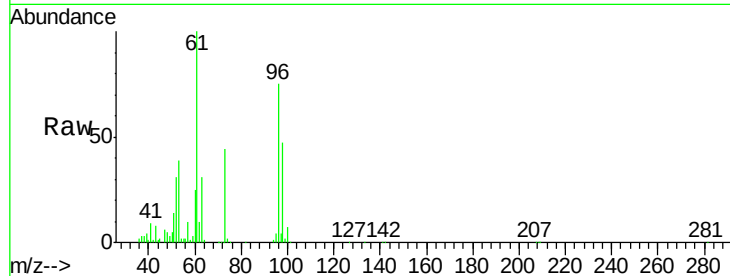
ClientSampleId :

WP021MW173-200514MSD

Tot Ion:	96	Resp:	142081
Ion	Ratio	Lower	Upper
96	100		
61	133.4	111.2	166.8
98	63.1	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.862 ug/l

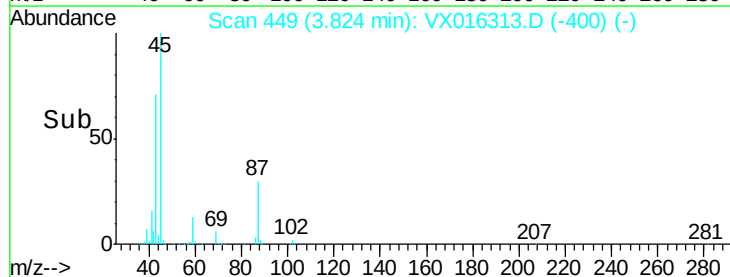
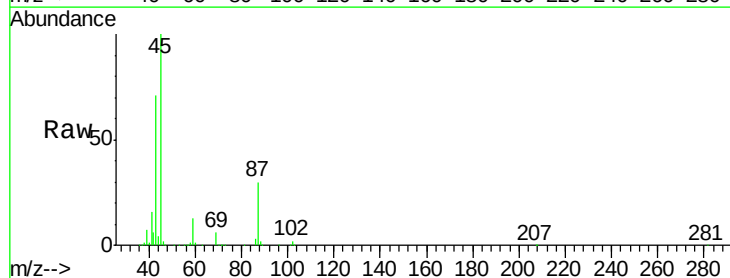
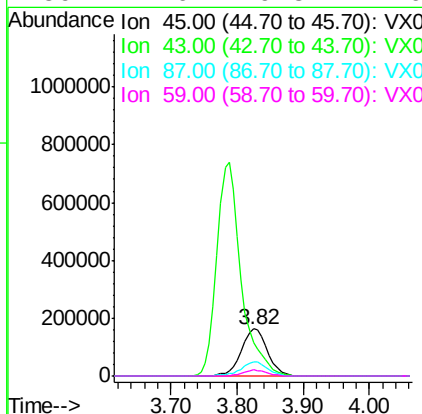
RT: 3.82 min Scan# 449

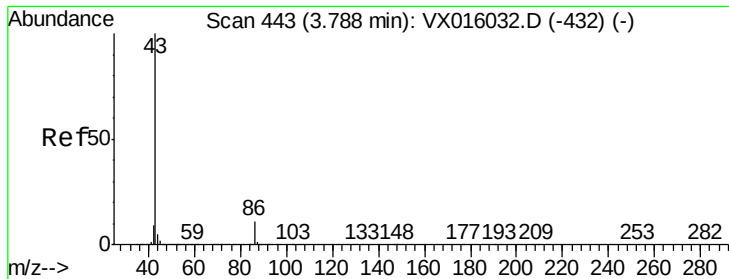
Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion:	45	Resp:	447351
Ion	Ratio	Lower	Upper
45	100		
43	70.5	61.1	91.7
87	30.2	23.0	34.6
59	12.6	9.8	14.6





#23

Vinyl Acetate

Concen: 244.154 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 43 Resp: 1889286

Ion Ratio Lower Upper

43 100

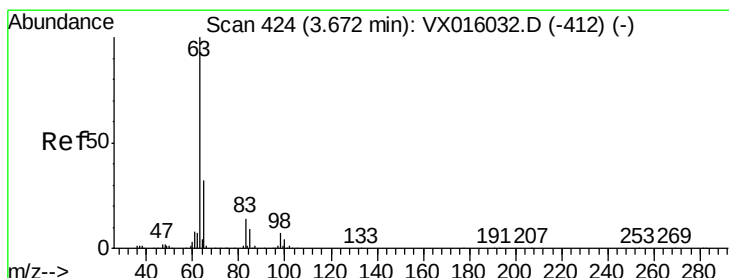
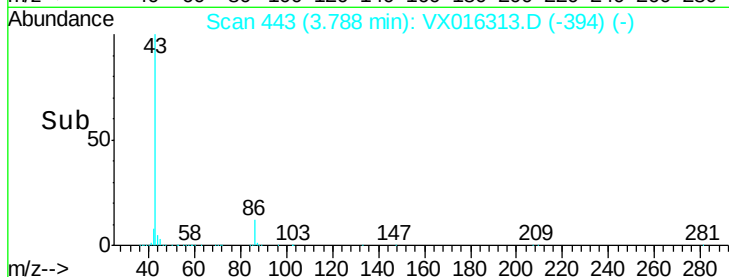
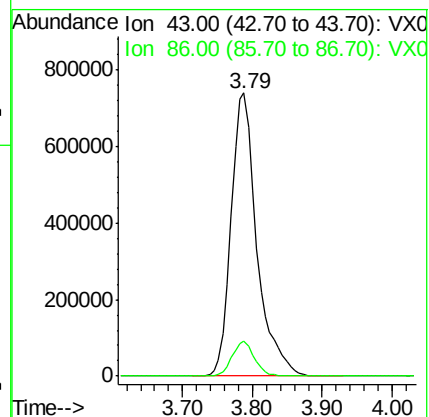
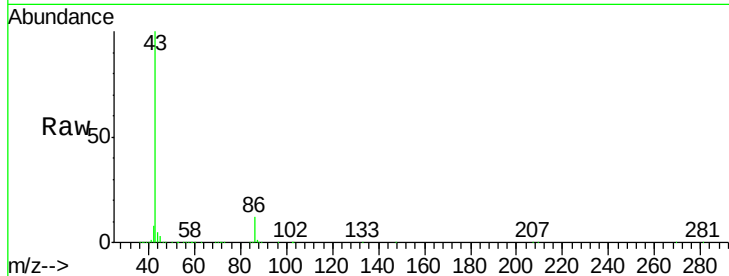
86 12.2 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.825 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

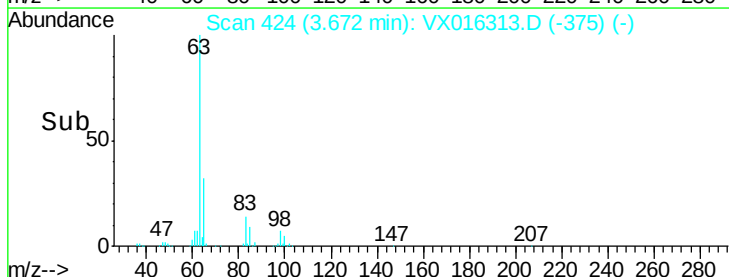
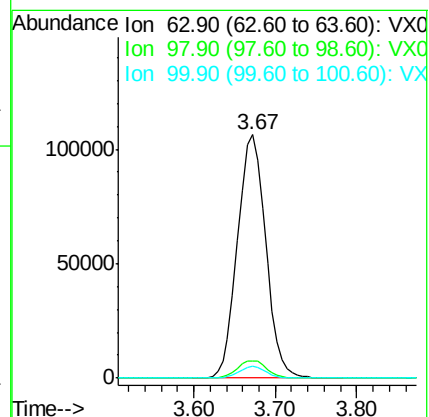
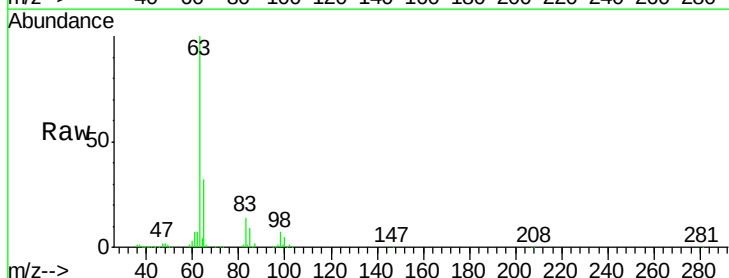
Tgt Ion: 63 Resp: 254987

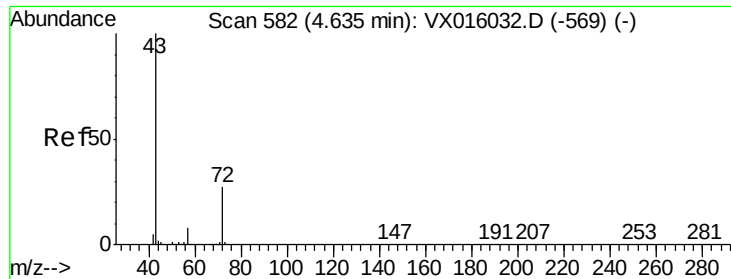
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 254.616 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 43 Resp: 589248

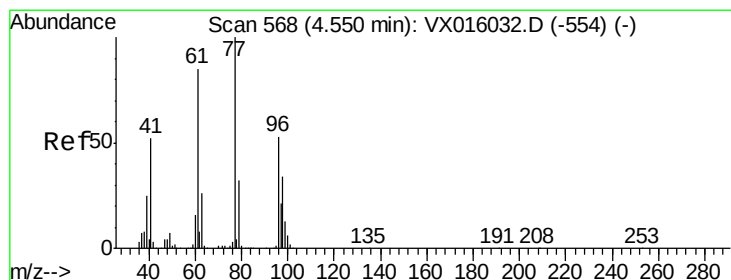
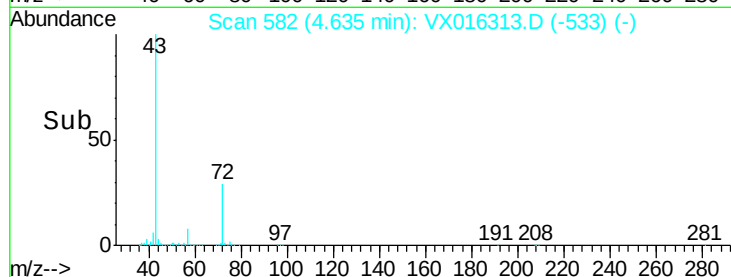
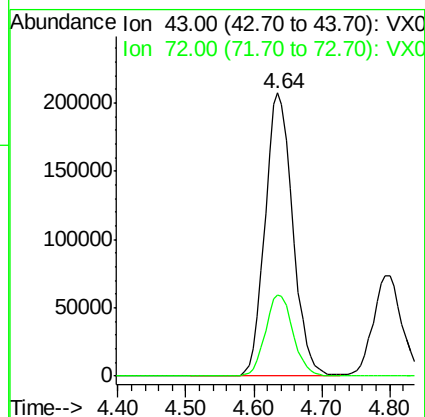
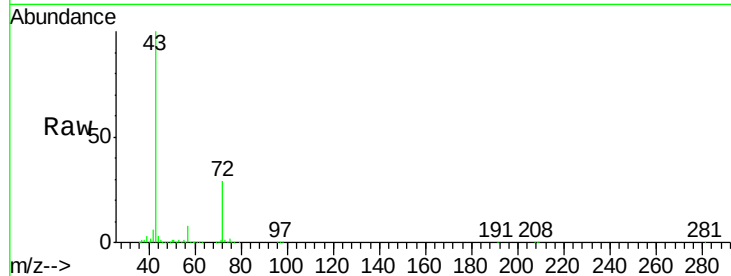
Ion Ratio Lower Upper

43 100

72 28.8 21.8 32.8

Manual Integrations
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MMDadoda
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#26

2,2-Dichloropropane

Concen: 44.461 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016313.D

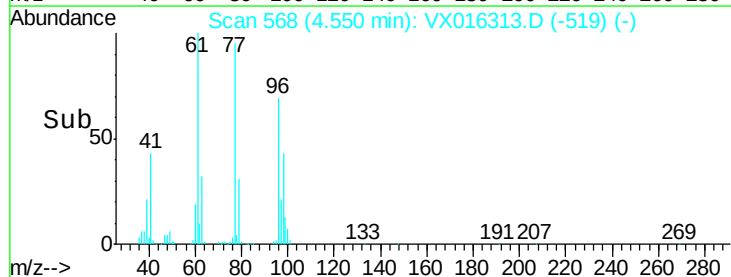
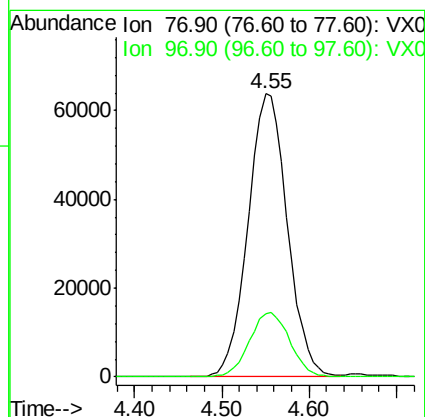
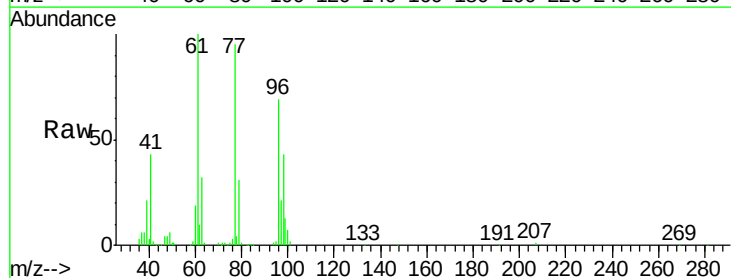
Acq: 18 May 2020 21:05

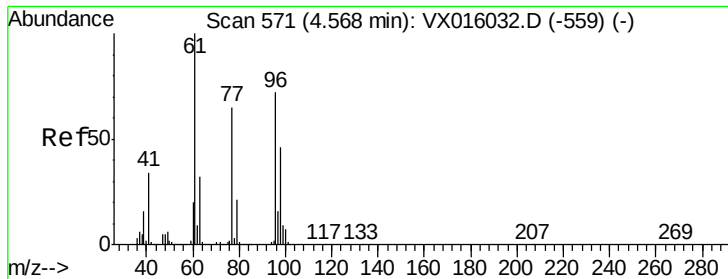
Tgt Ion: 77 Resp: 199779

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.6





#27

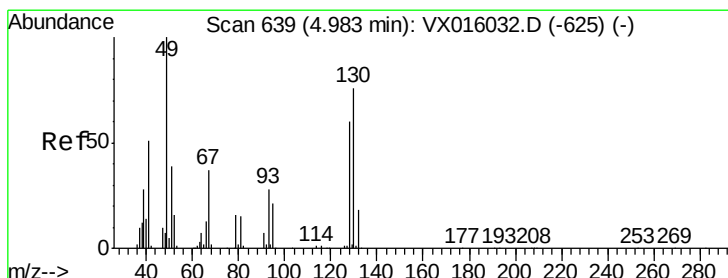
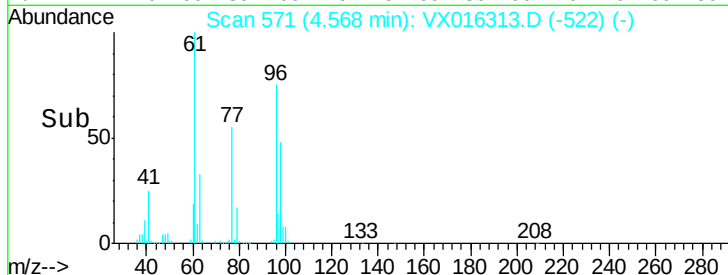
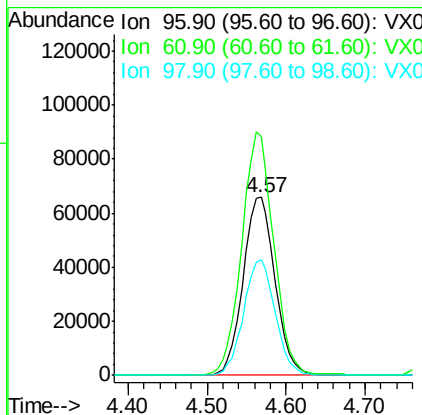
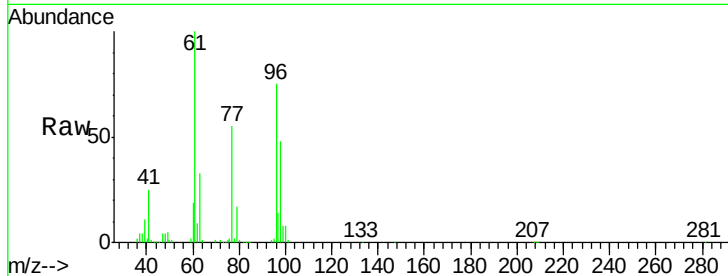
cis-1,2-Dichloroethene
Concen: 59.853 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	185409		
61	137.9	0.0	296.2	
98	64.3	0.0	129.4	

Manual Integrations
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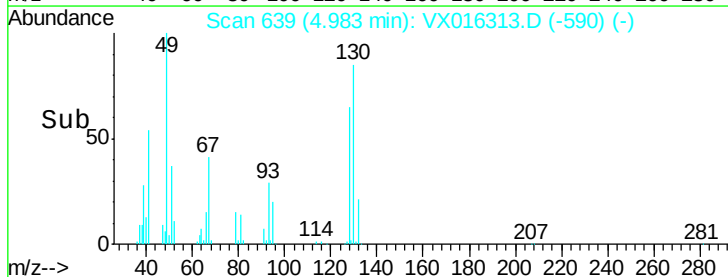
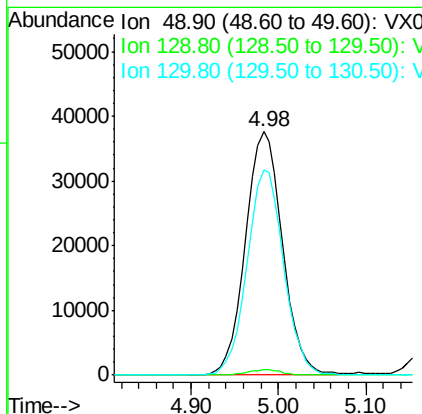
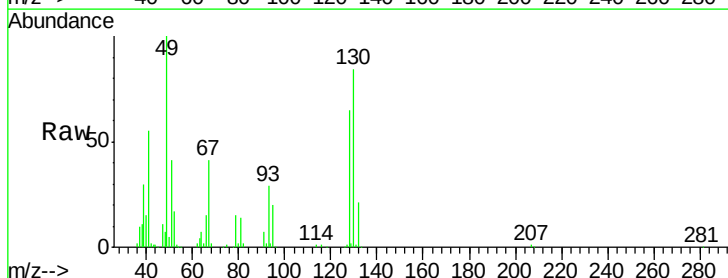
MMDadoda
5/19/2020 2:27:12 PM

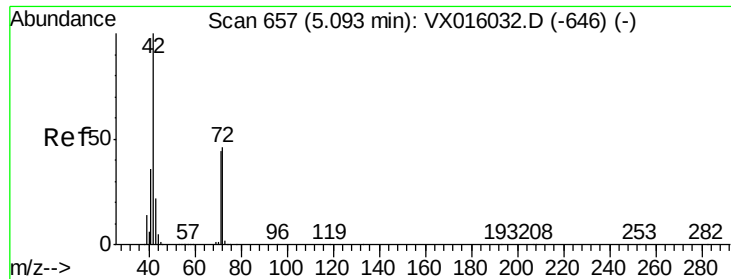


#28

Bromochloromethane
Concen: 49.440 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110919		
129	2.0	0.0	4.0	
130	83.5	62.4	93.6	





#29

Tetrahydrofuran

Concen: 251.500 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

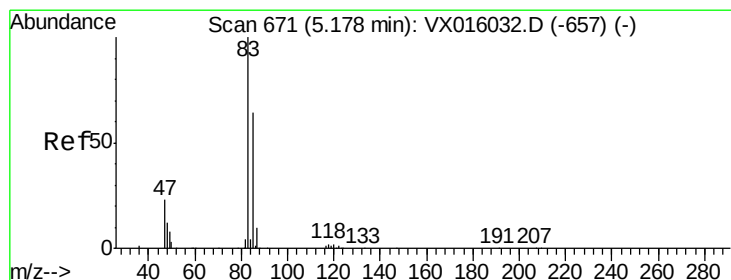
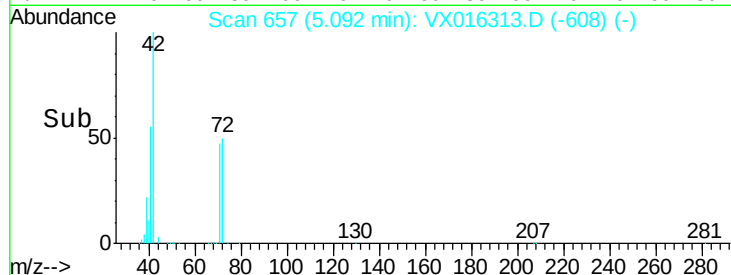
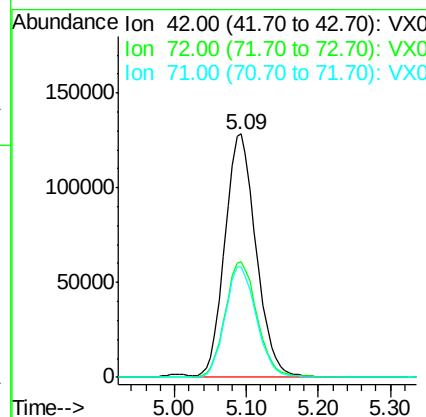
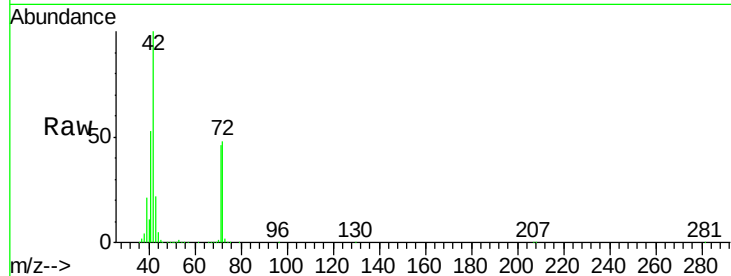
ClientSampleId :

WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	37.1	55.7
71	45.7	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 52.540 ug/l

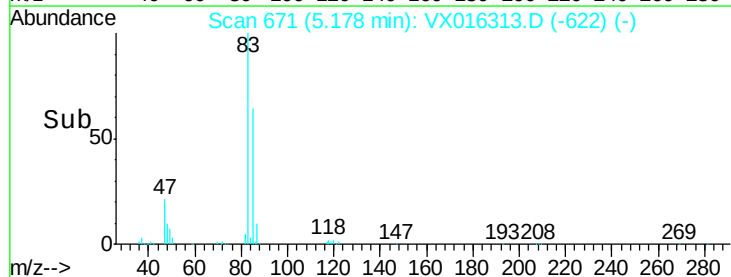
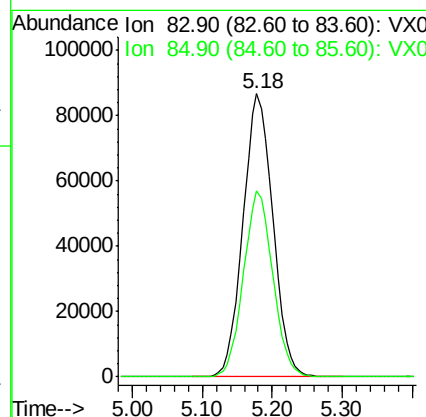
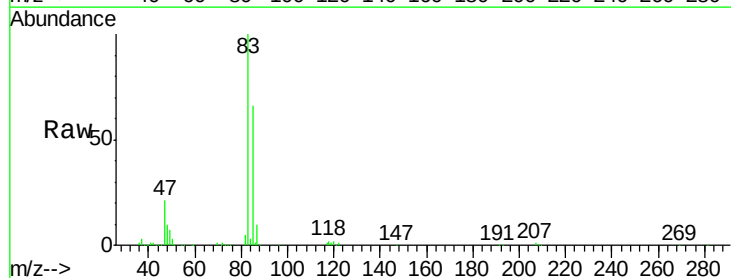
RT: 5.18 min Scan# 671

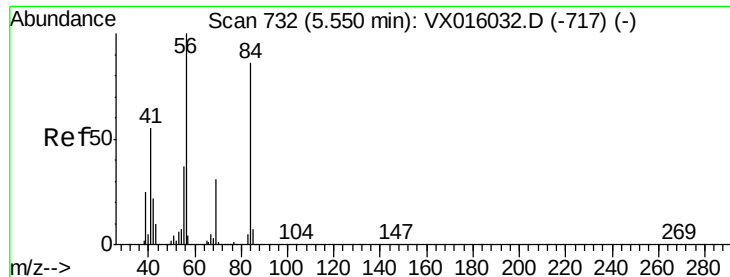
Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.6	77.4





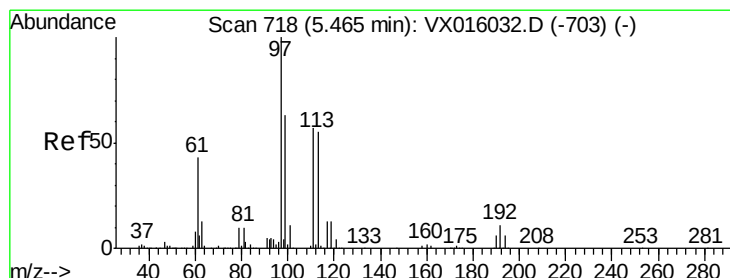
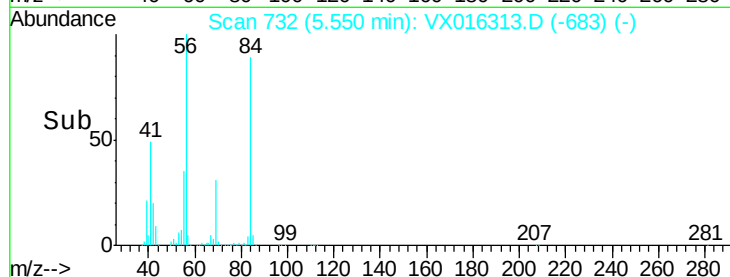
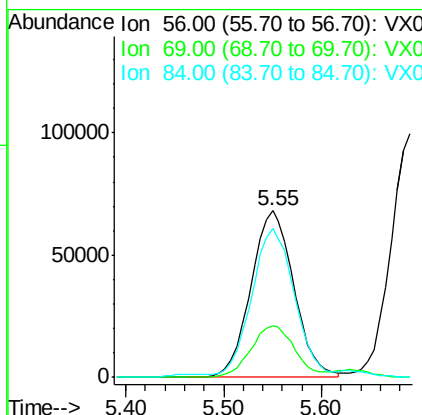
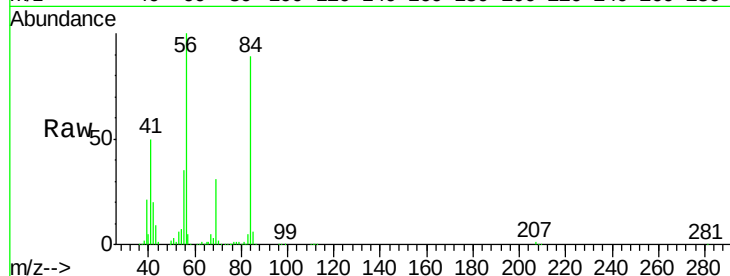
#31
Cyclohexane
Concen: 46.537 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.0	37.6
84	87.5	69.0	103.6

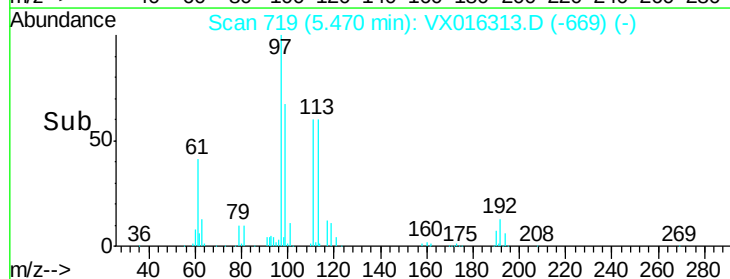
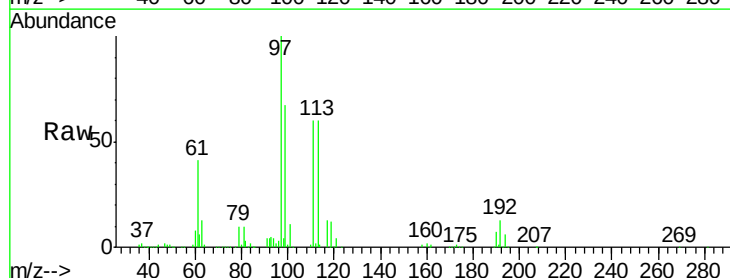
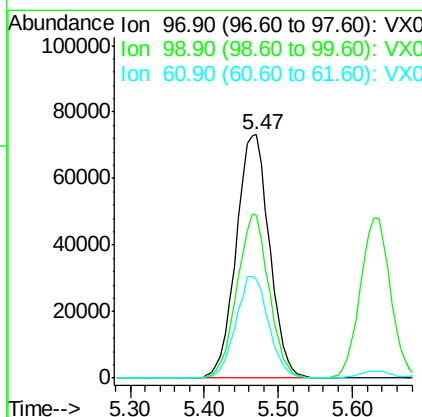
Manual Integrations
APPROVED

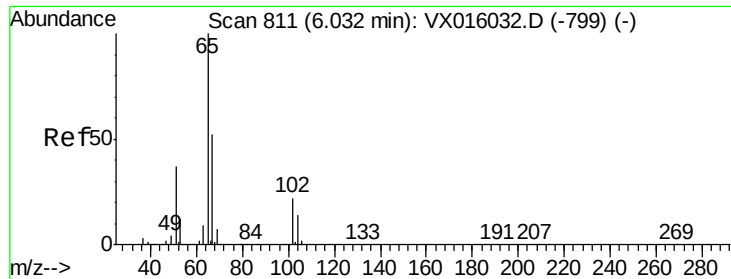
MMDadoda
5/19/2020 2:27:12 PM



#32
1,1,1-Trichloroethane
Concen: 51.526 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	41.3	34.5	51.7





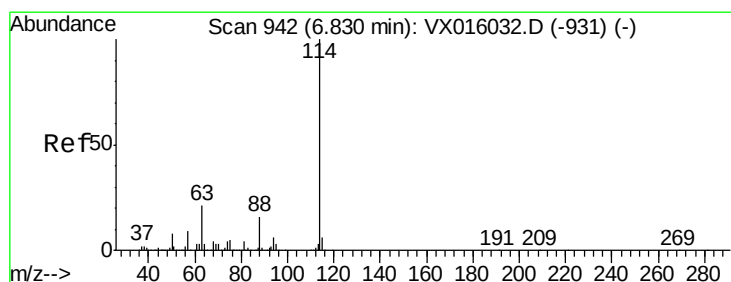
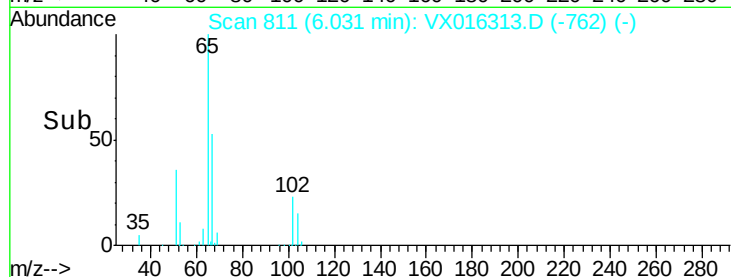
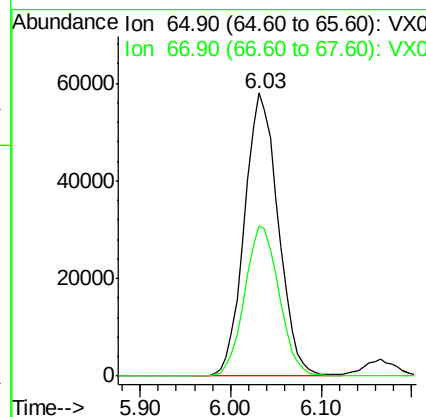
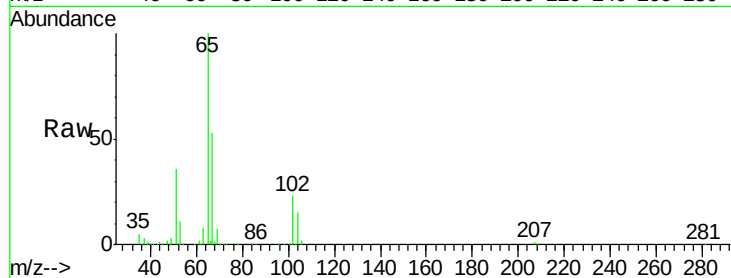
#33
 1,2-Dichloroethane-d4
 Concen: 46.662 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	104.8	

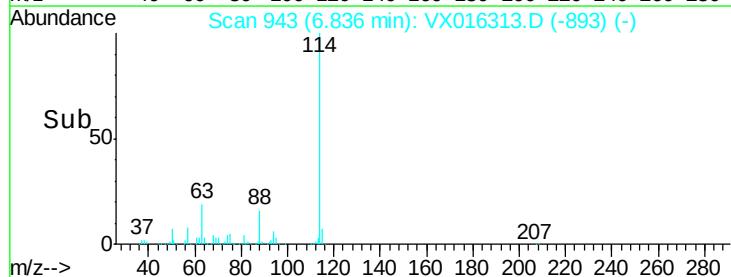
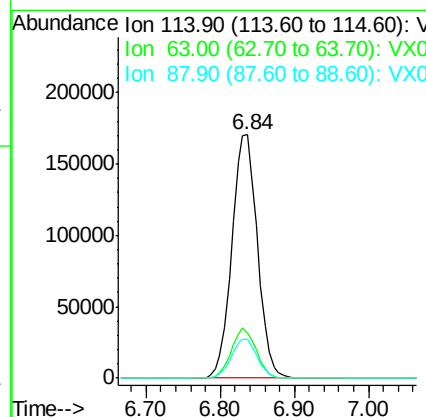
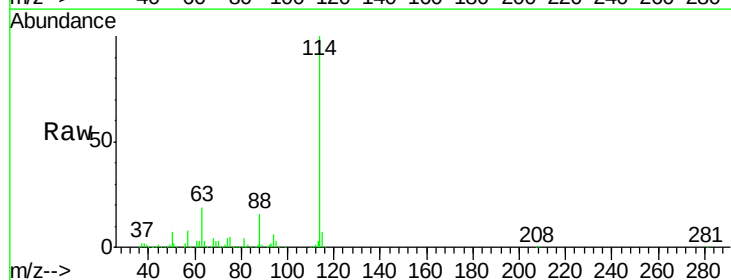
Manual Integrations
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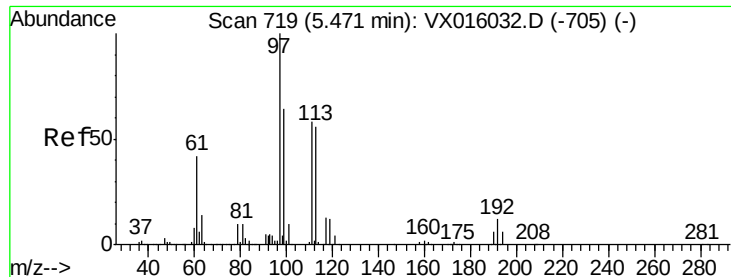
MMDadoda
 5/19/2020 2:27:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.7	0.0	42.8	
88	15.9	0.0	31.4	





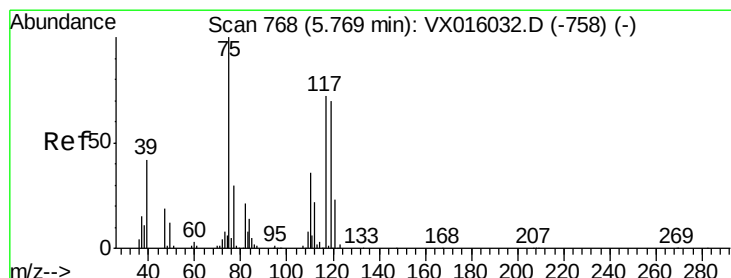
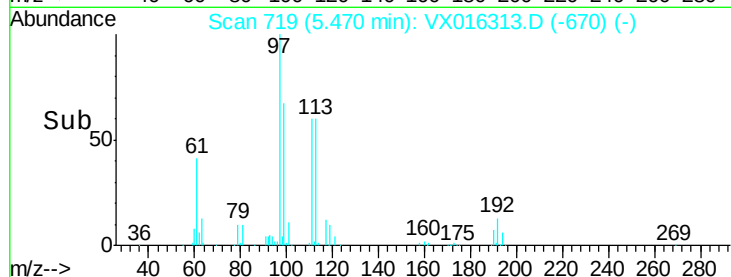
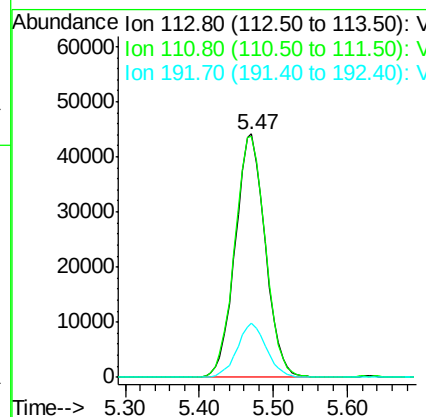
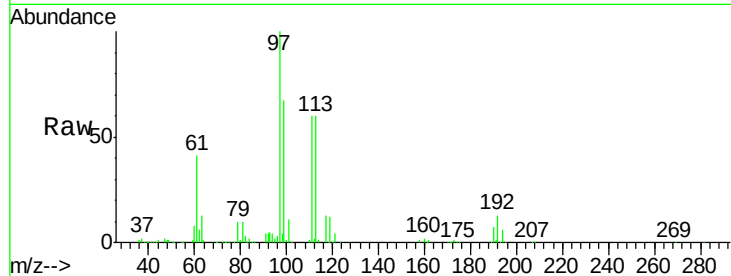
#35
 Dibromofluoromethane
 Concen: 48.186 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124865		
111	101.2	81.6	122.4	
192	21.6	17.0	25.4	

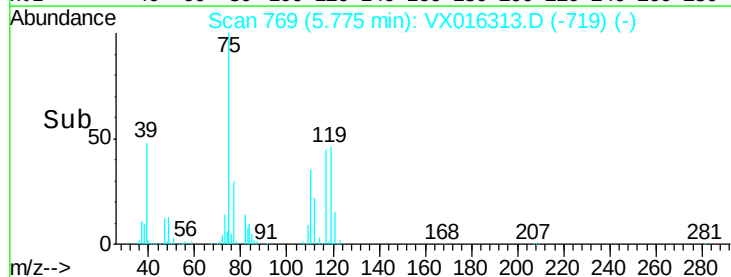
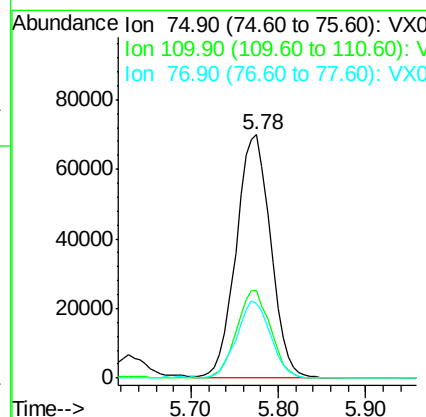
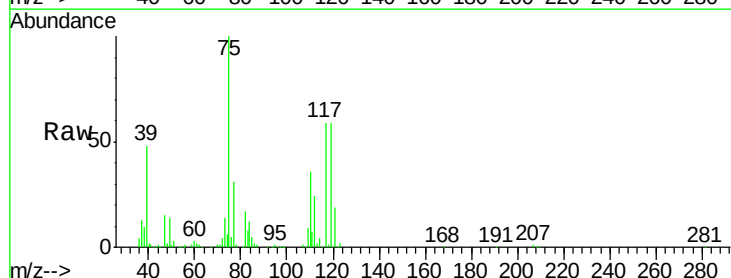
Manual Integrations
 APPROVED

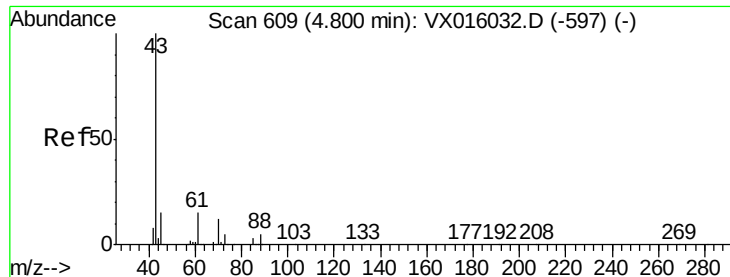
MMDadoda
 5/19/2020 2:27:12 PM



#36
 1,1-Dichloropropene
 Concen: 47.454 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	191059		
110	35.7	18.1	54.1	
77	31.2	25.0	37.6	





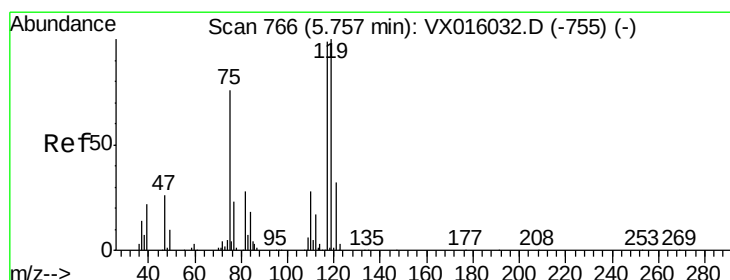
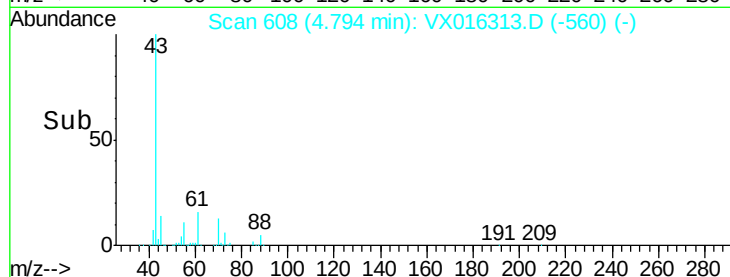
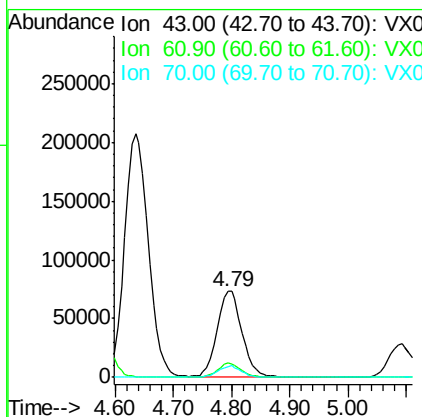
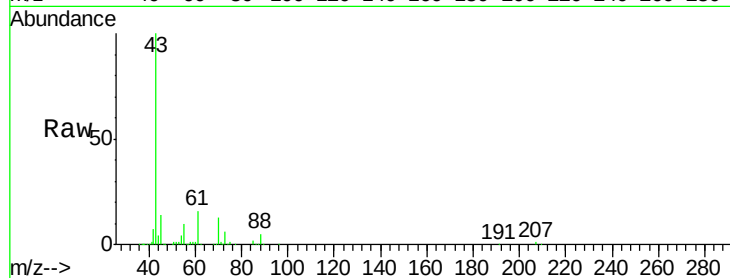
#37
Ethyl Acetate
Concen: 46.571 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	43	Resp	217325
Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.7	17.5
70	12.6	9.3	13.9

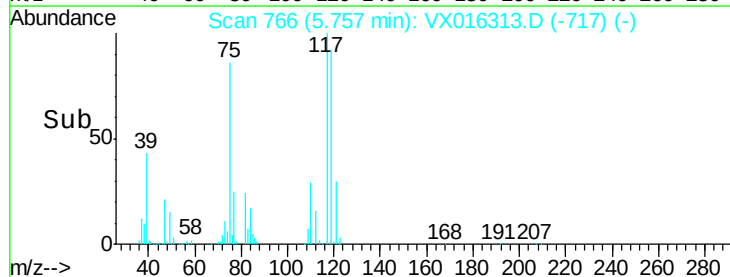
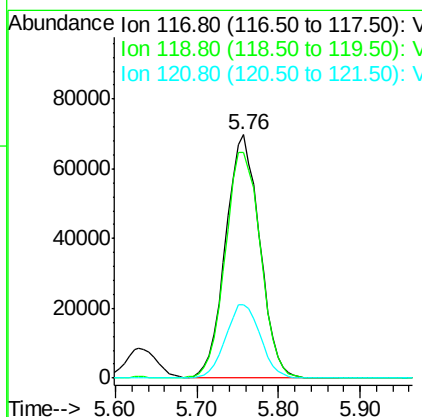
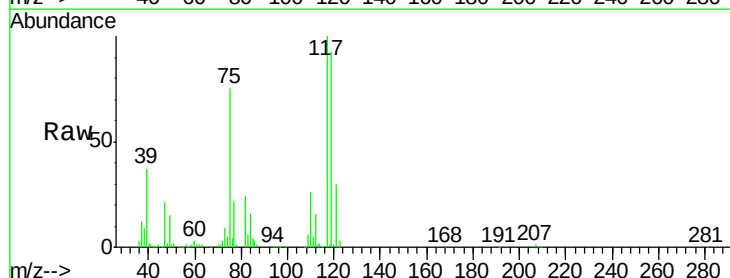
Manual Integrations
APPROVED

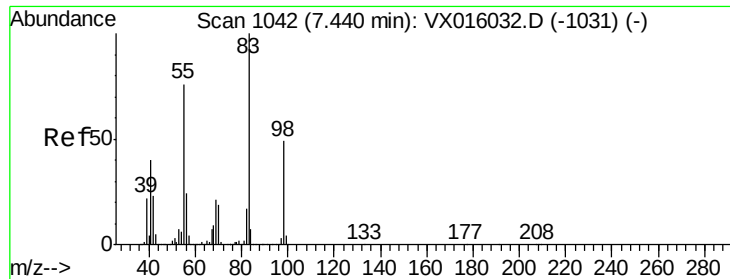
MMDadoda
5/19/2020 2:27:12 PM



#38
Carbon Tetrachloride
Concen: 49.235 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	117	Resp	201488
Ion	Ratio	Lower	Upper
117	100		
119	92.5	80.3	120.5
121	30.3	25.7	38.5





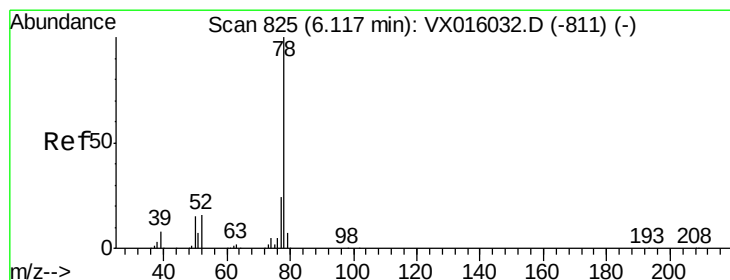
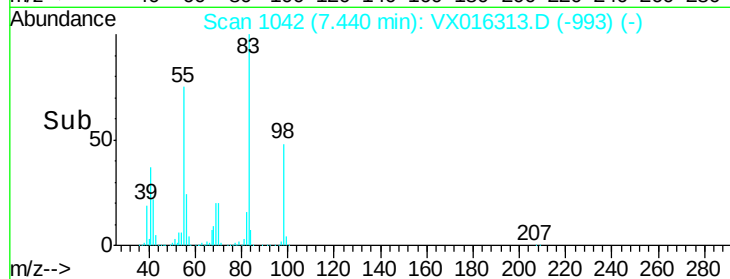
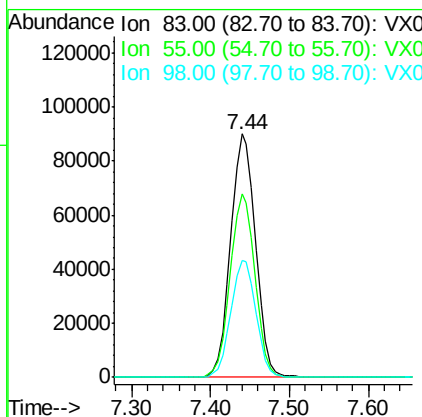
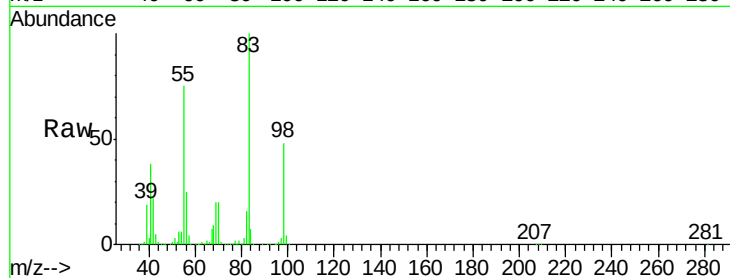
#39
Methylvlcyclohexane
Concen: 40.799 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.1	91.7
98	47.8	39.0	58.4

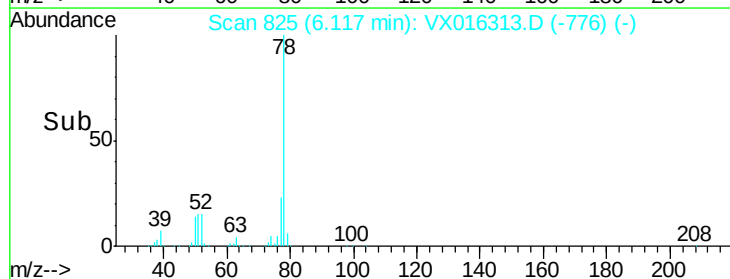
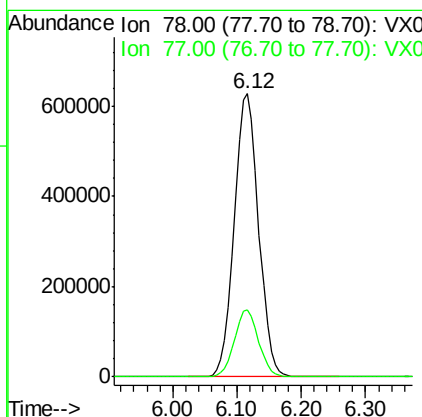
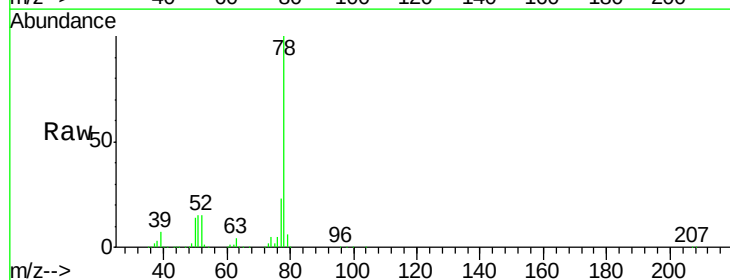
Manual Integrations
APPROVED

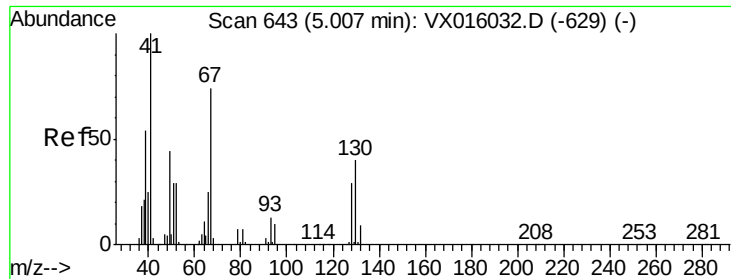
MMDadoda
5/19/2020 2:27:12 PM



#40
Benzene
Concen: 139.802 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





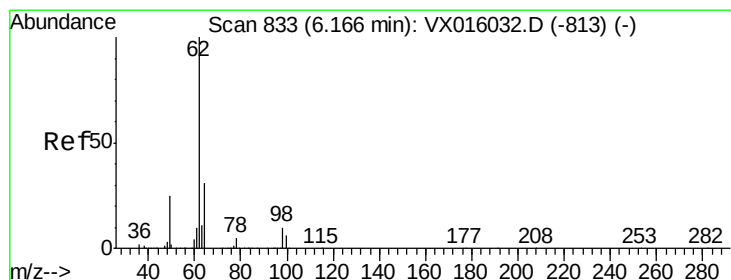
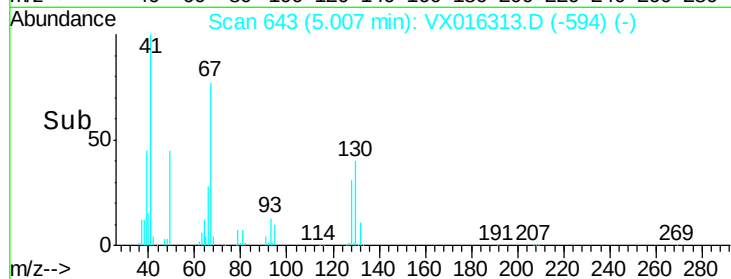
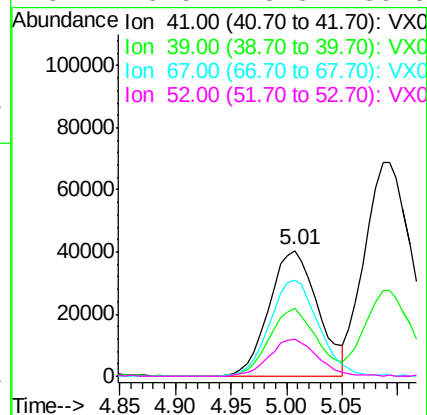
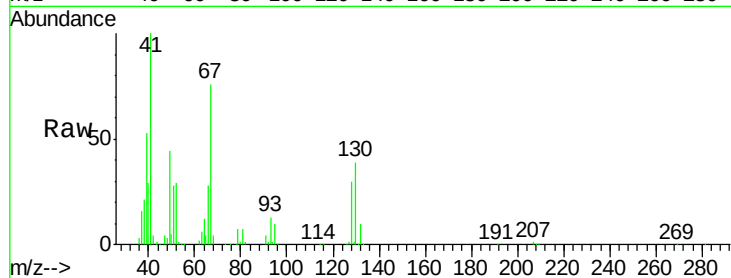
#41
Methacrylonitrile
Concen: 48.979 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.2	43.2	64.8		
67	76.7	59.3	88.9		
52	29.5	23.5	35.3		

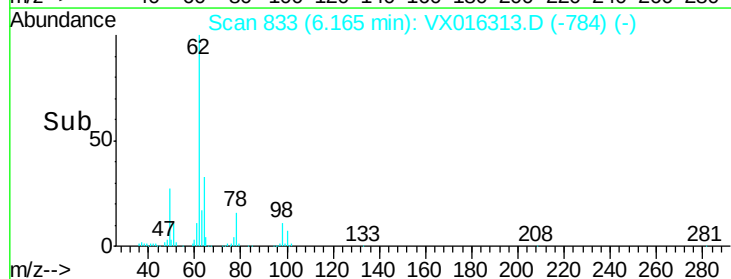
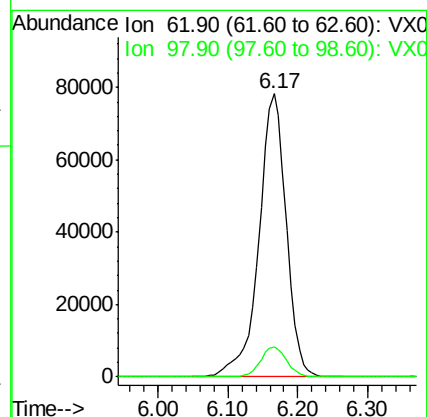
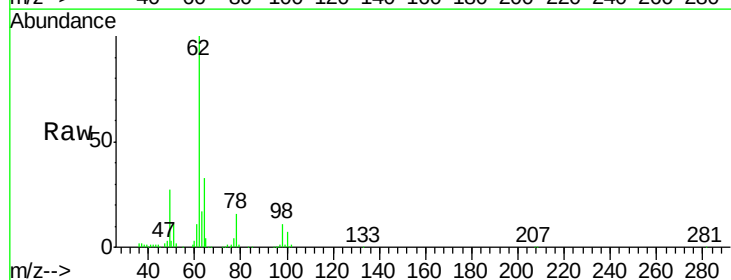
Manual Integrations
APPROVED

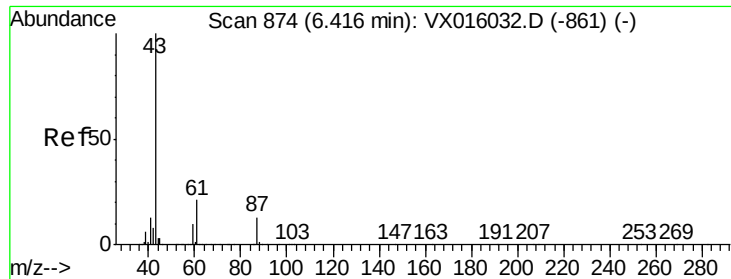
MMDadoda
5/19/2020 2:27:12 PM



#42
1,2-Dichloroethane
Concen: 49.967 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.1	0.0	19.4		





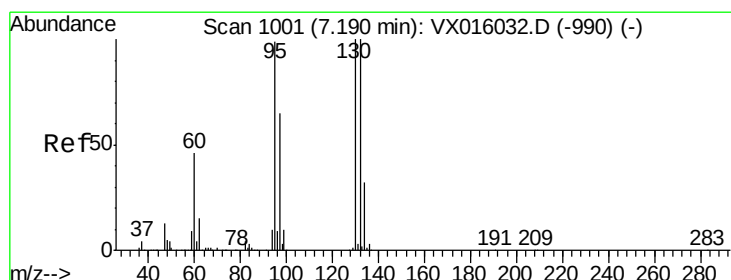
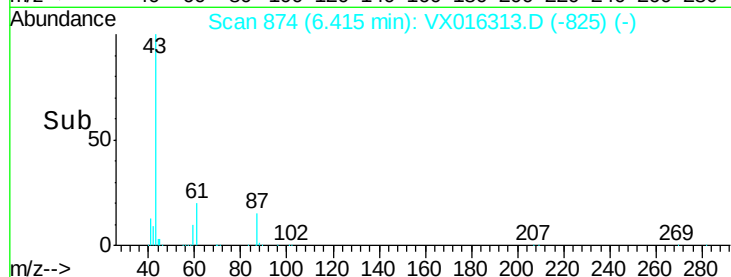
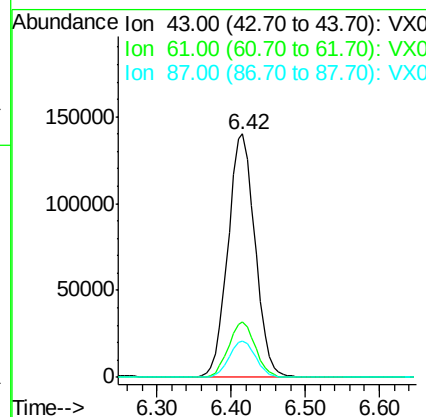
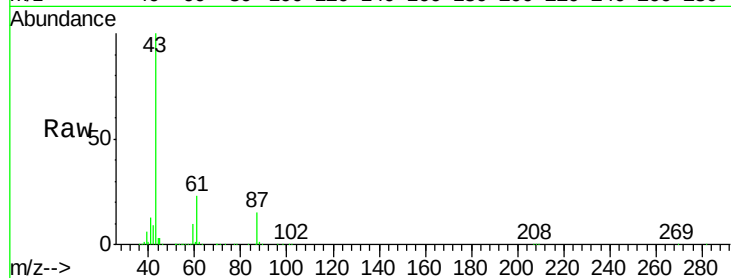
#43
Isopropyl Acetate
Concen: 47.422 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	17.0	25.4
87	14.9	11.0	16.6

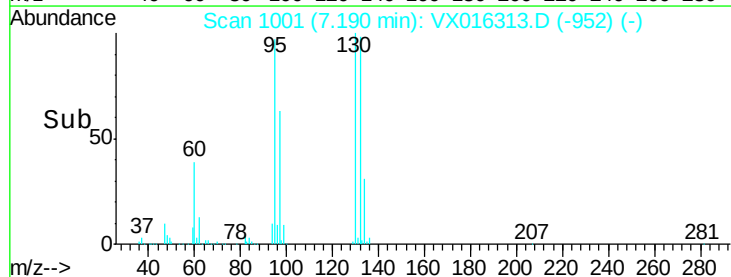
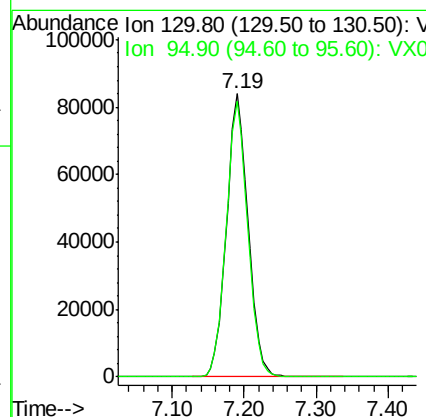
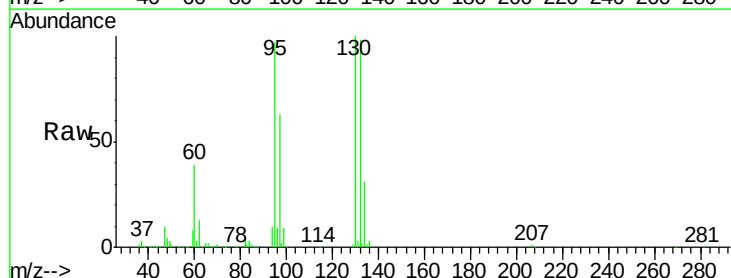
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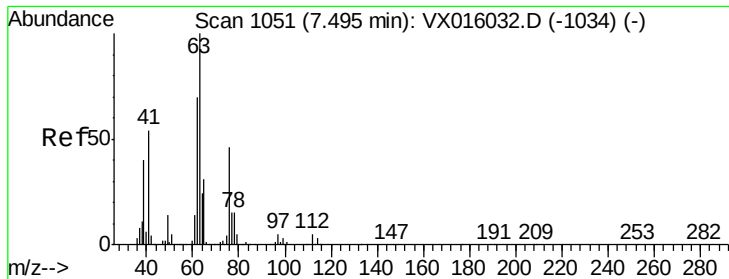
MMDadoda
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#44
Trichloroethene
Concen: 41.967 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	197.4





#45

1,2-Dichloropropane

Concen: 51.325 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

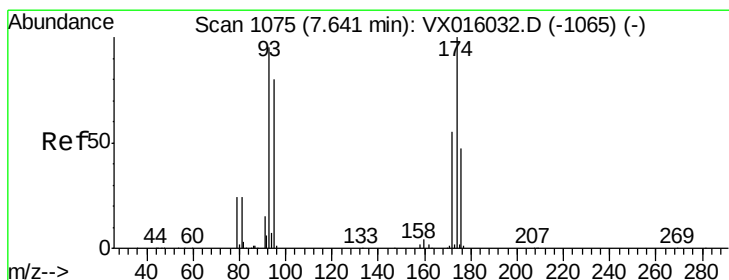
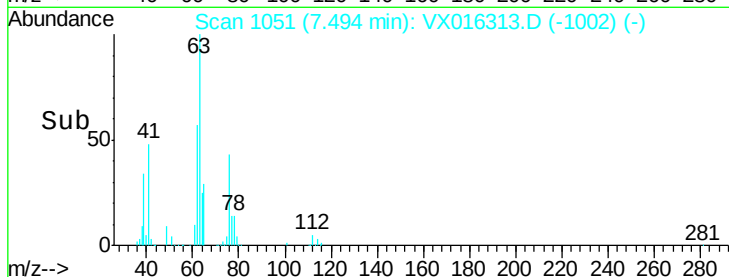
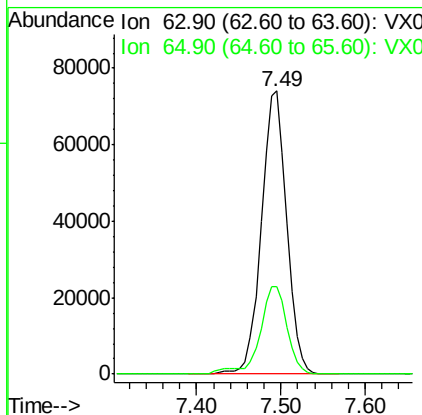
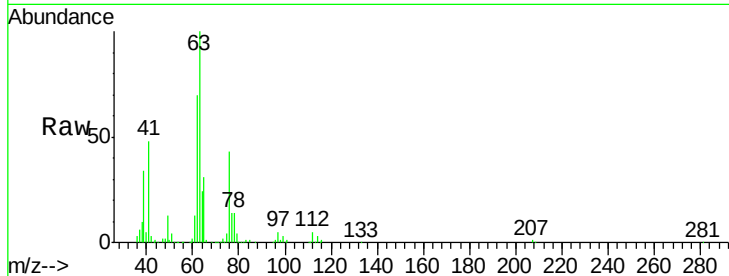
ClientSampleId :

WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.4	36.6

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#46

Dibromomethane

Concen: 49.938 ug/l

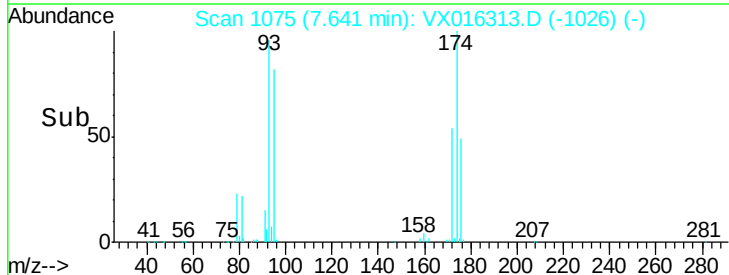
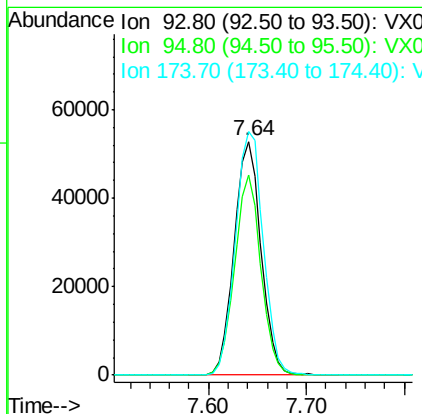
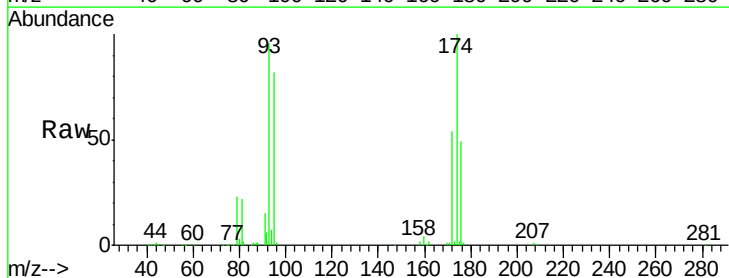
RT: 7.64 min Scan# 1075

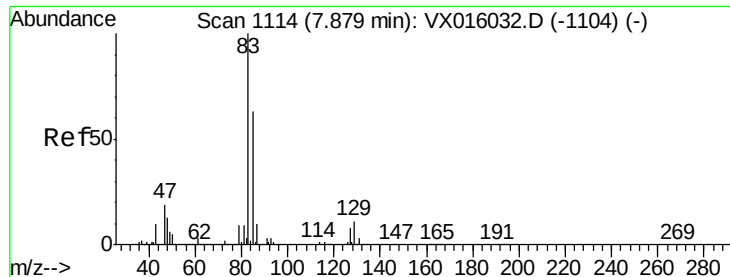
Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	66.6	100.0
174	108.1	84.2	126.4





#47

Bromodichloromethane

Concen: 51.729 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

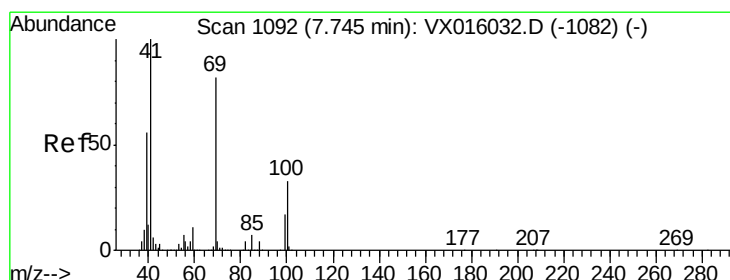
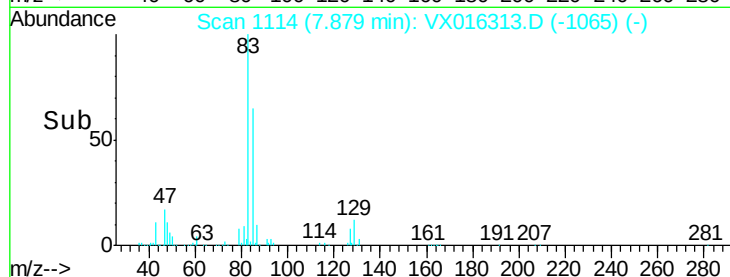
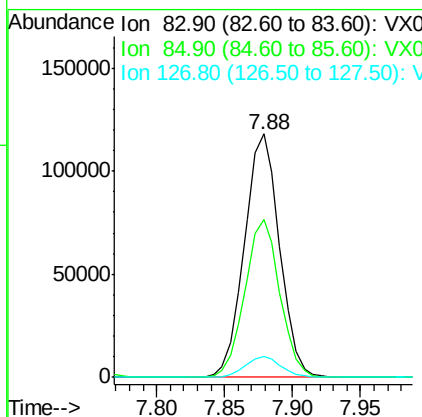
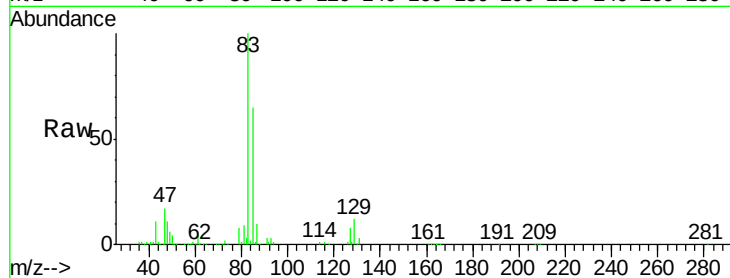
ClientSampleId :

WP021MW173-200514MSD

Tot Ion:	83	Resp:	213416
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.5	75.7
127	8.4	6.7	10.1

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#48

Methyl methacrylate

Concen: 47.855 ug/l

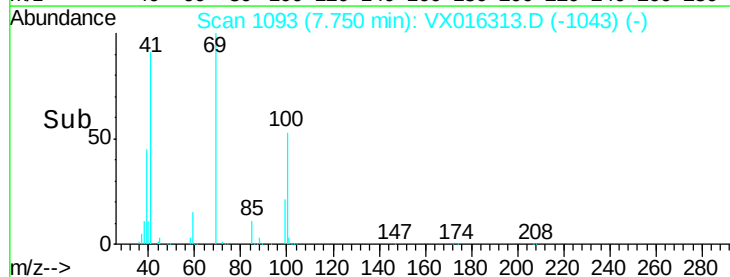
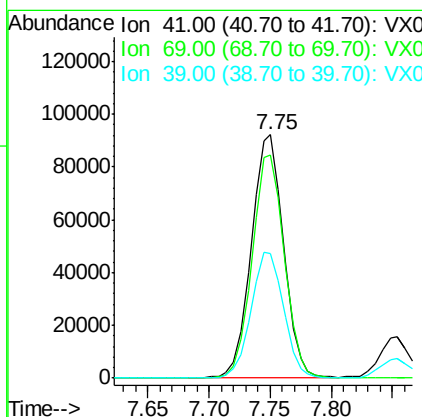
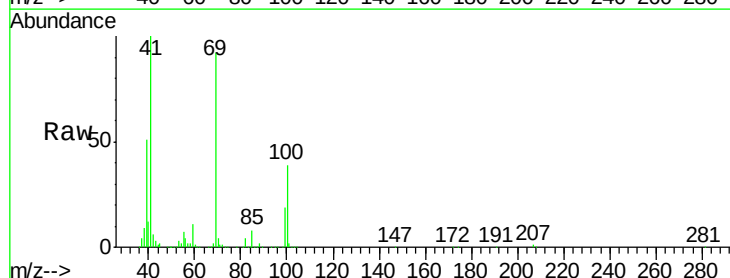
RT: 7.75 min Scan# 1093

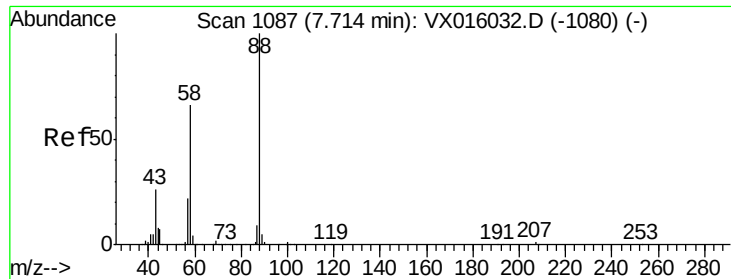
Delta R.T. 0.01 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion:	41	Resp:	168835
Ion Ratio	Lower	Upper	
41	100		
69	92.4	67.8	101.6
39	52.3	44.6	67.0





#49

1,4-Dioxane

Concen: 875.039 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

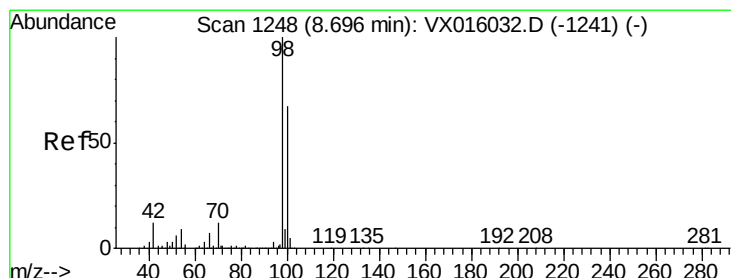
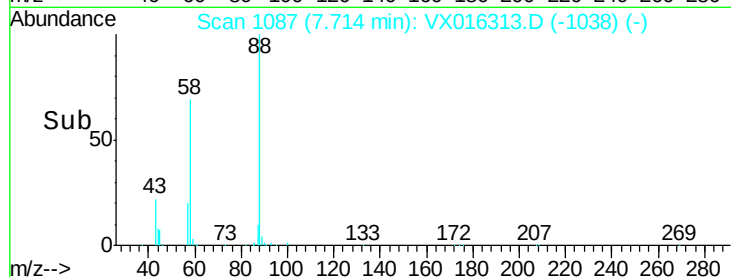
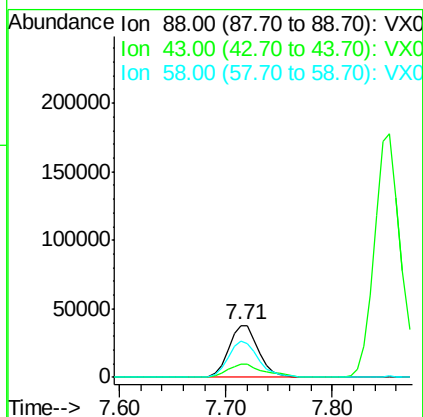
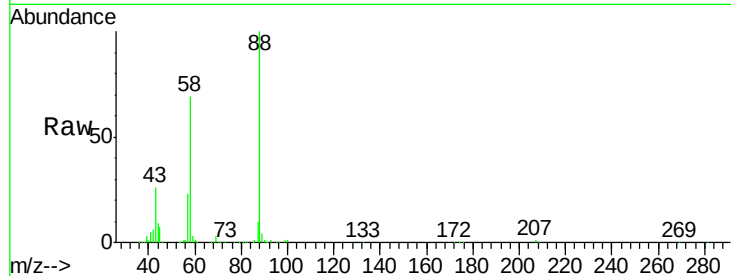
ClientSampleId :

WP021MW173-200514MSD

Tot Ion:	88	Resp:	74041
Ion	Ratio	Lower	Upper
88	100		
43	29.7	25.3	37.9
58	71.3	55.9	83.9

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#50

Toluene-d8

Concen: 48.084 ug/l

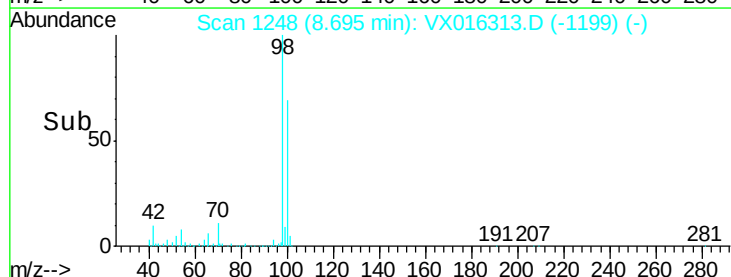
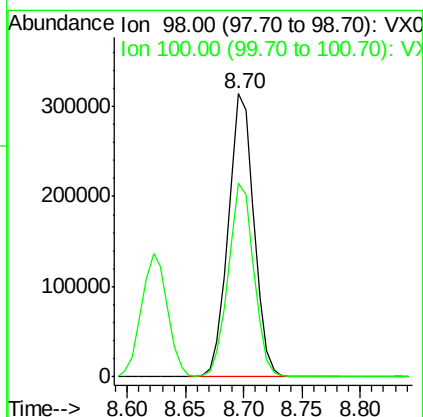
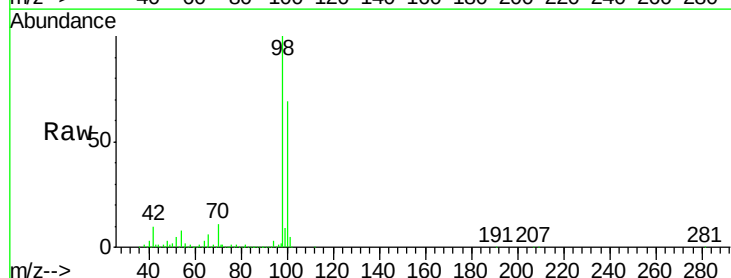
RT: 8.70 min Scan# 1248

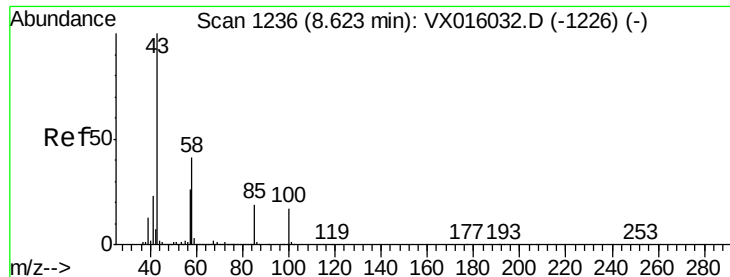
Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion:	98	Resp:	480090
Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.7	80.5





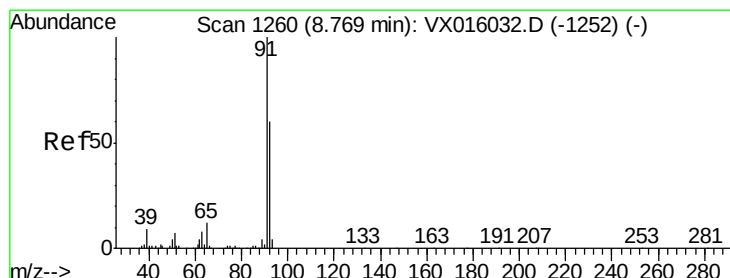
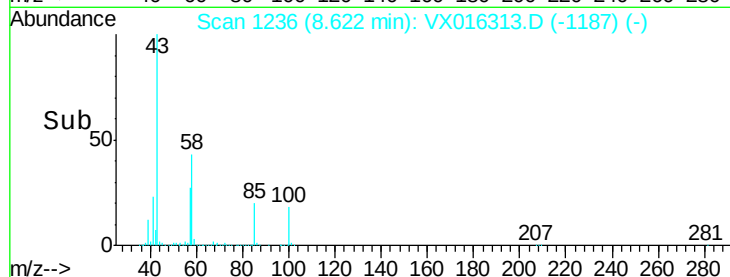
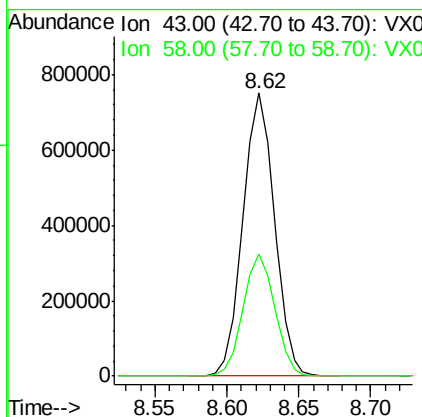
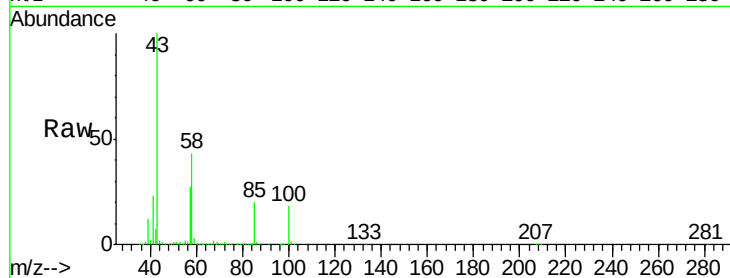
#51
 4-Methyl-2-Pentanone
 Concen: 250.531 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion: 43 Resp: 1141480
 Ion Ratio Lower Upper
 43 100
 58 43.4 33.0 49.4

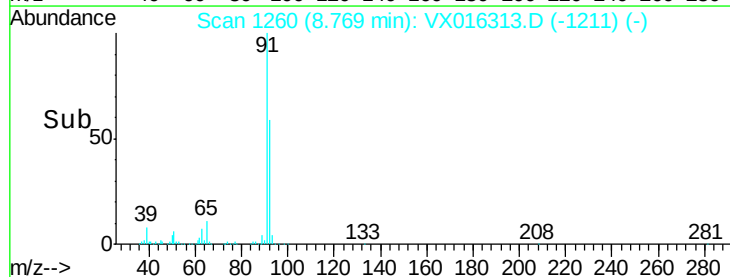
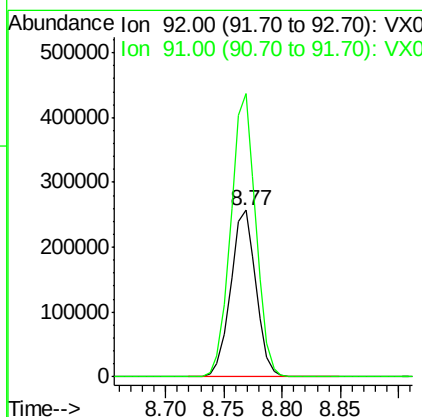
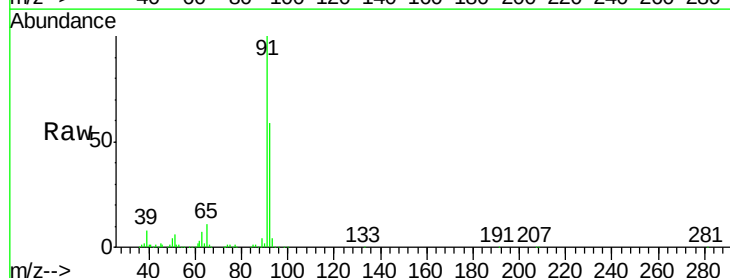
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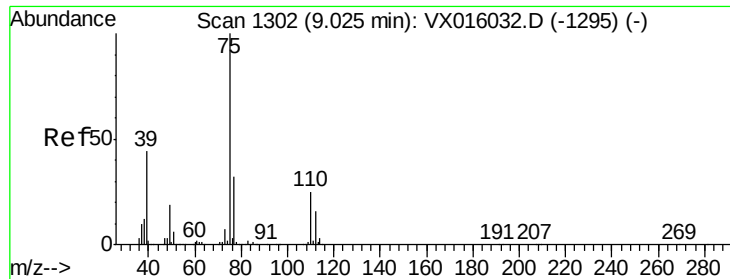
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#52
 Toluene
 Concen: 52.812 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Tgt Ion: 92 Resp: 387795
 Ion Ratio Lower Upper
 92 100
 91 168.5 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 50.081 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 75 Resp: 246351

Ion Ratio Lower Upper

75 100

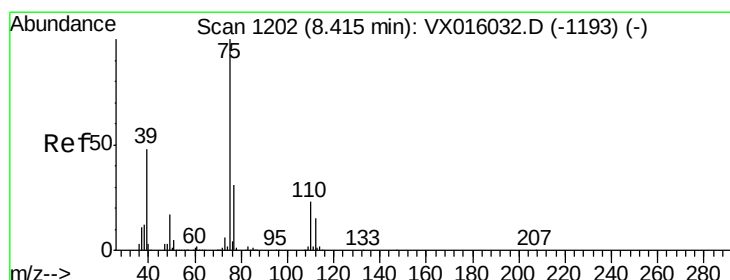
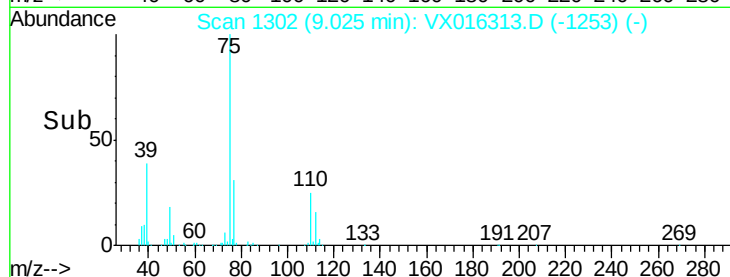
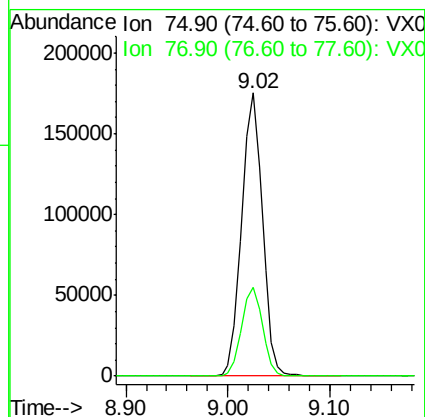
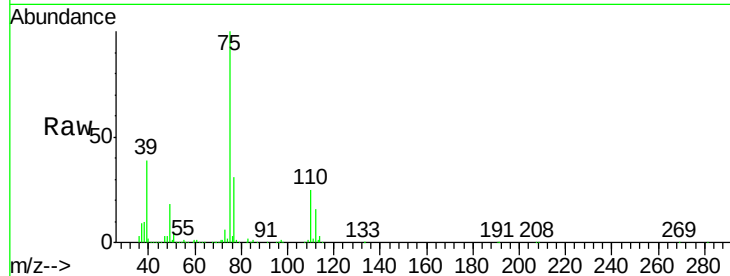
77 31.2 25.7 38.5

Manual Integrations

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5/19/2020 2:27:12 PM



#54

cis-1,3-Dichloropropene

Concen: 49.859 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

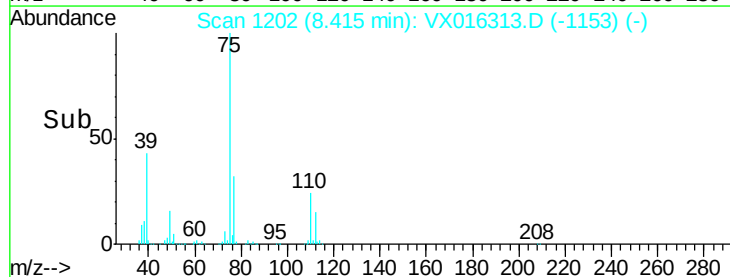
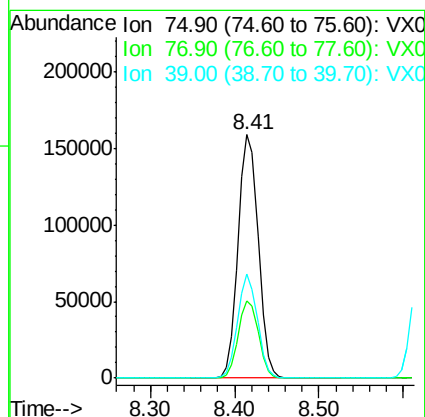
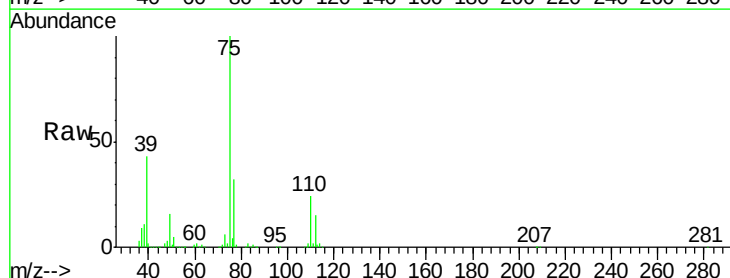
Tgt Ion: 75 Resp: 256176

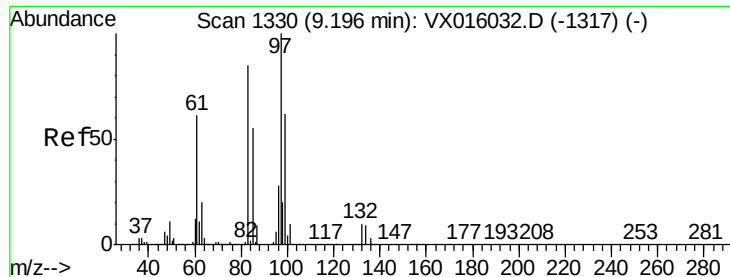
Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 42.6 38.7 58.1





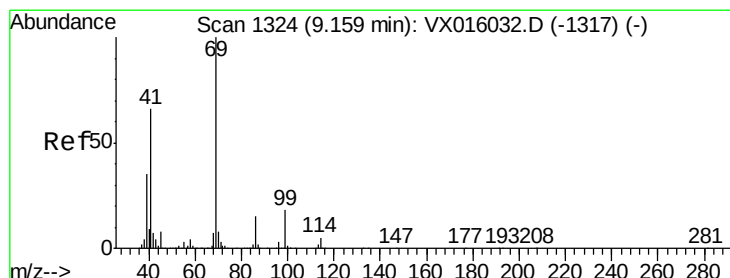
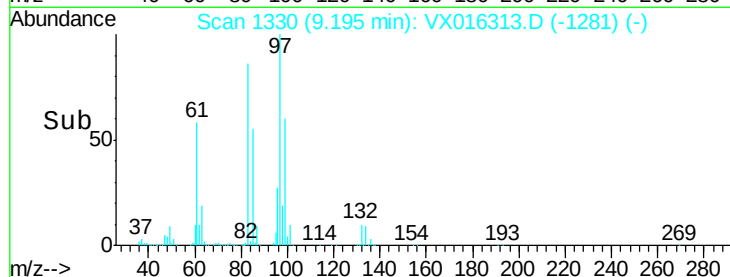
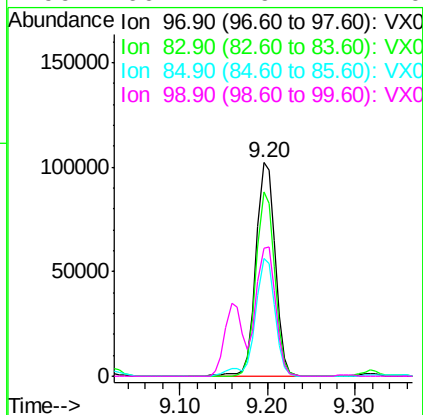
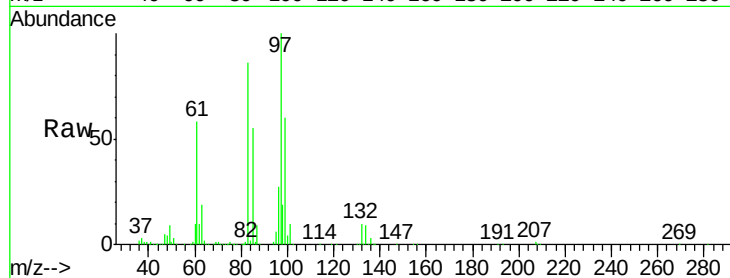
#55
 1,1,2-Trichloroethane
 Concen: 54.004 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		156016		
83	86.4	67.8	101.8		
85	55.2	43.8	65.8		
99	60.1	49.4	74.0		

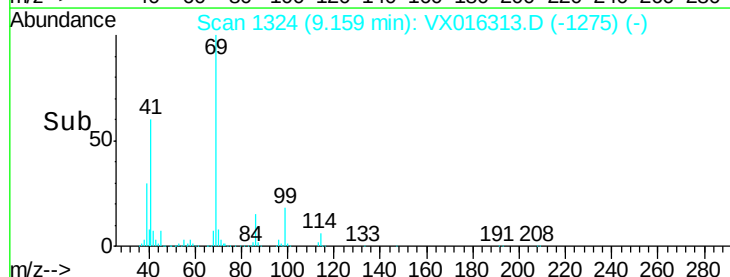
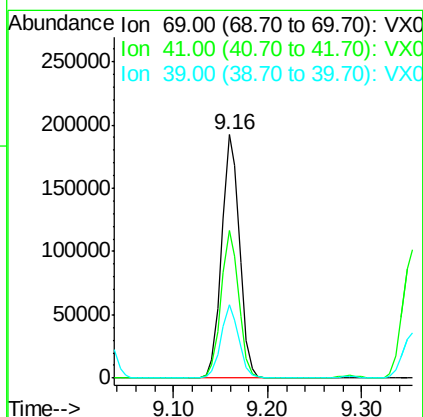
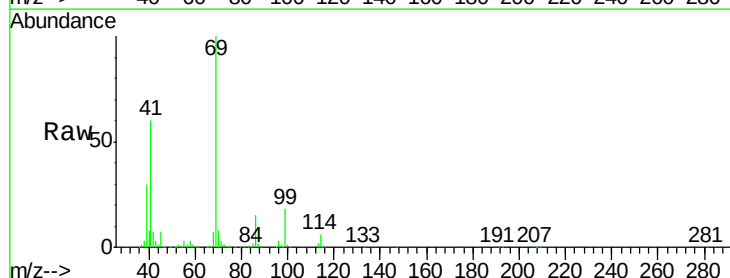
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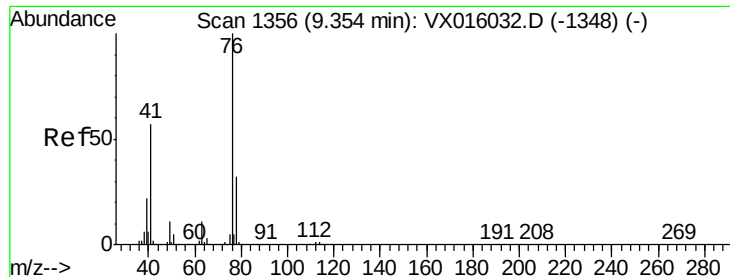
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#56
 Ethyl methacrylate
 Concen: 53.675 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		253116		
41	60.2	52.2	78.4		
39	29.6	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 51.999 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 76 Resp: 262128

Ion Ratio Lower Upper

76 100

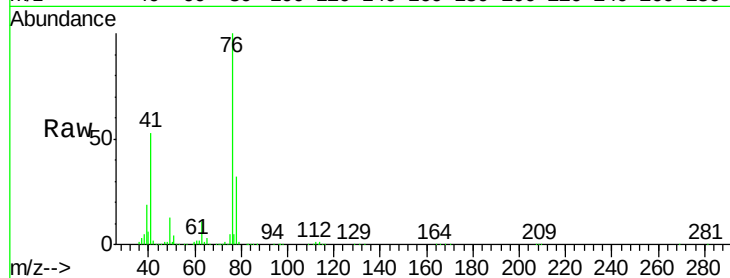
78 32.9 25.9 38.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

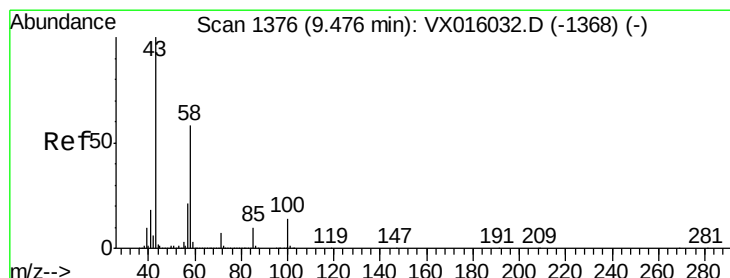
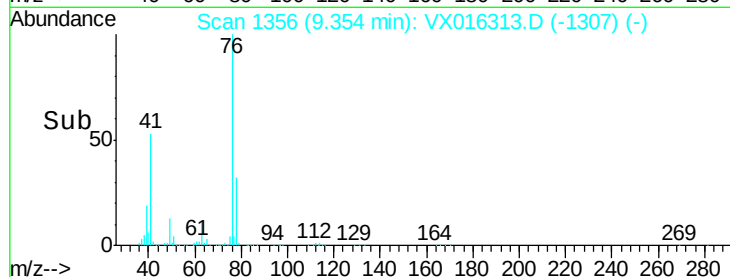
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 248.140 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016313.D

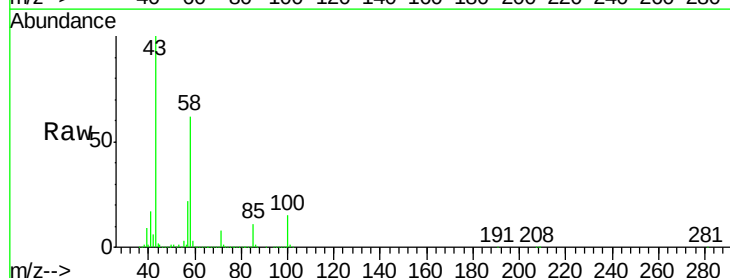
Acq: 18 May 2020 21:05

Tgt Ion: 43 Resp: 887874

Ion Ratio Lower Upper

43 100

58 60.2 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

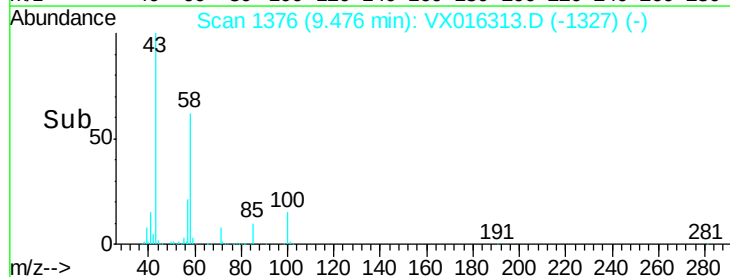
600000

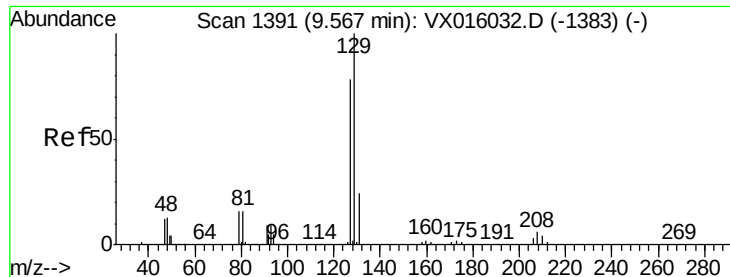
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 55.355 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion:129 Resp: 176130

Ion Ratio Lower Upper

129 100

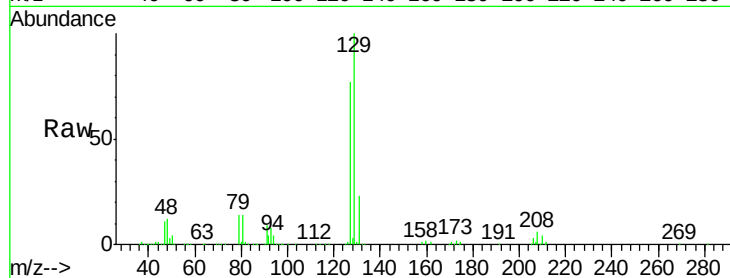
127 76.7 38.4 115.2

Manual Integrations

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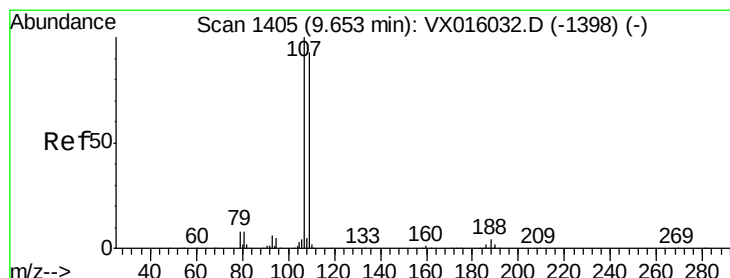
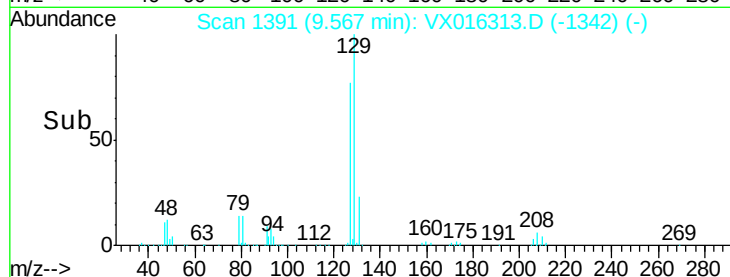
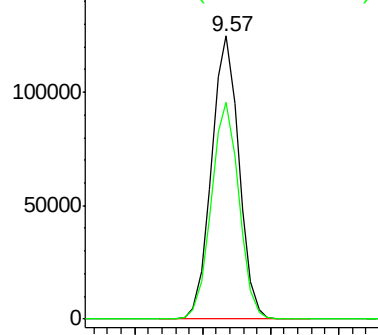
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.338 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016313.D

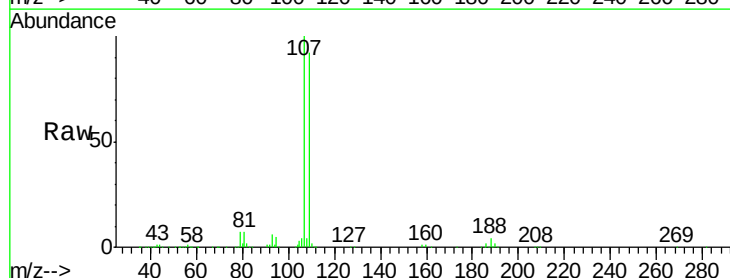
Acq: 18 May 2020 21:05

Tgt Ion:107 Resp: 163781

Ion Ratio Lower Upper

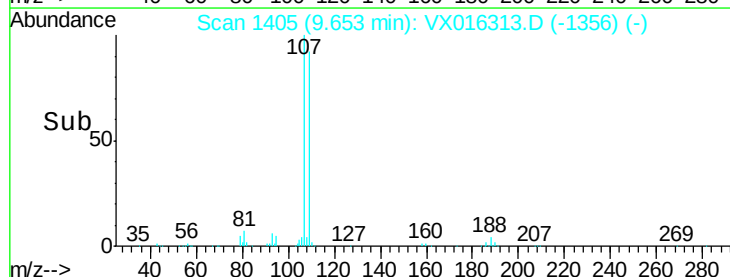
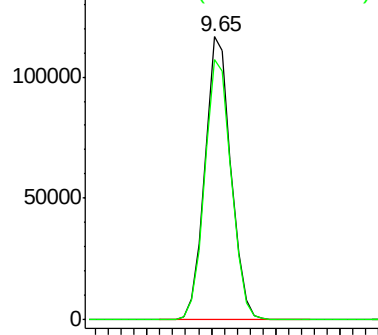
107 100

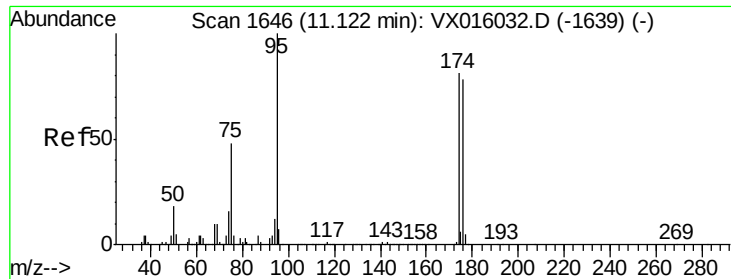
109 94.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





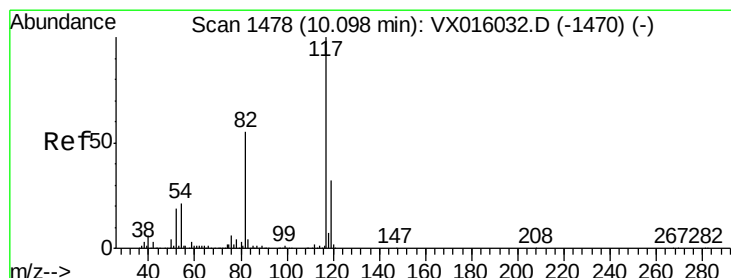
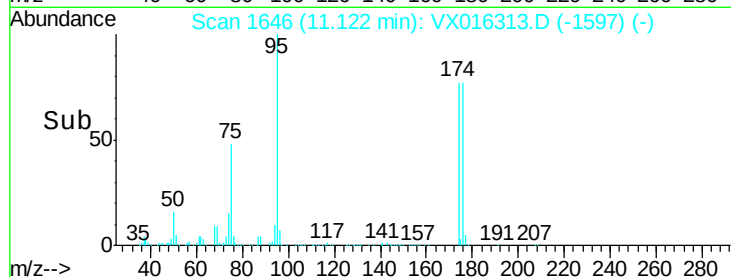
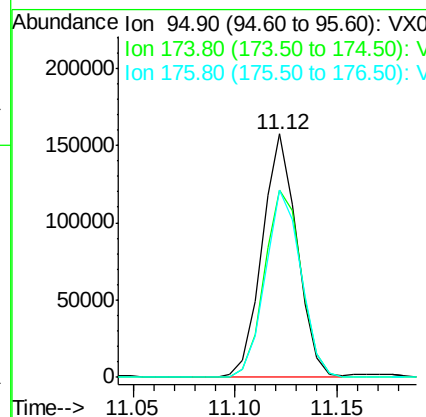
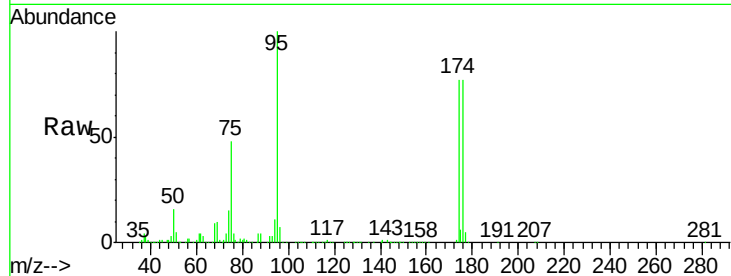
#62
 4-Bromofluorobenzene
 Concen: 49.222 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	186925		
174	81.6	0.0	159.4	
176	79.1	0.0	157.6	

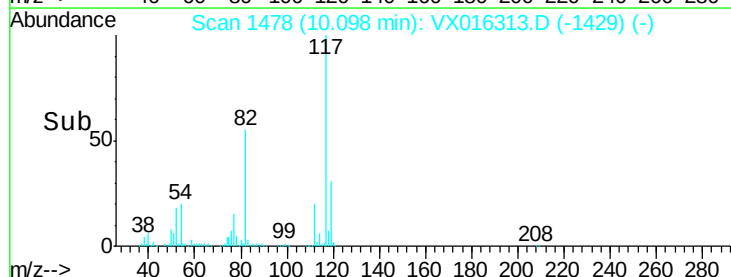
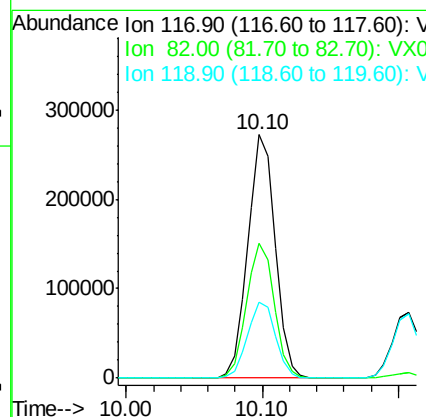
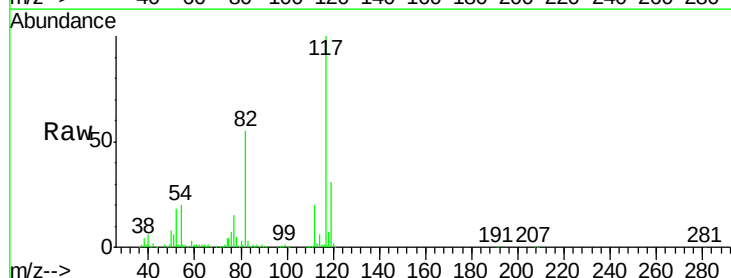
Manual Integrations
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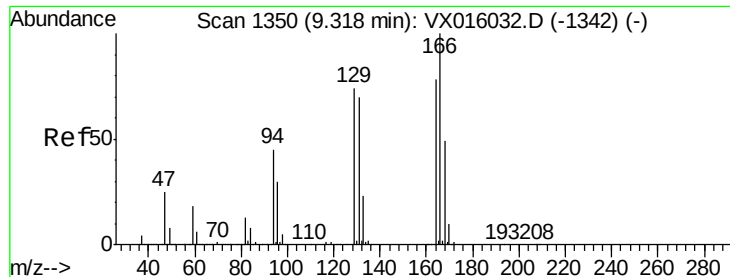
MMDadoda
 5/19/2020 2:27:12 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	384018		
82	55.5	44.4	66.6	
119	31.2	25.5	38.3	





#64

Tetrachloroethene

Concen: 40.508 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

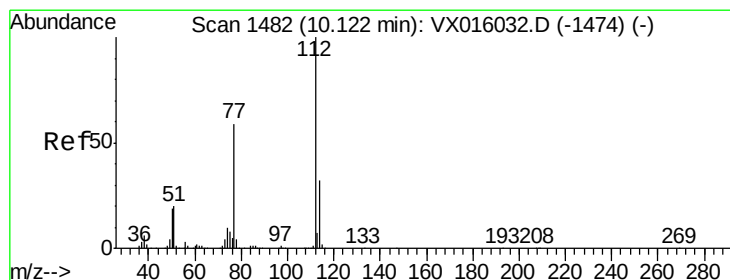
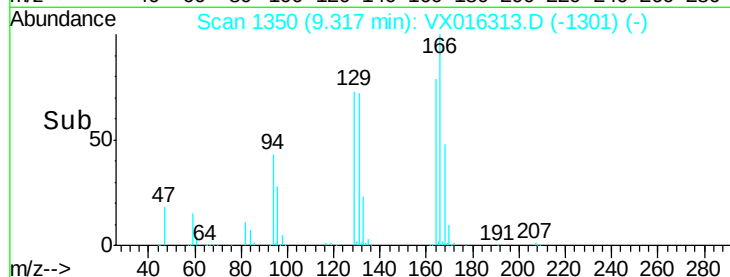
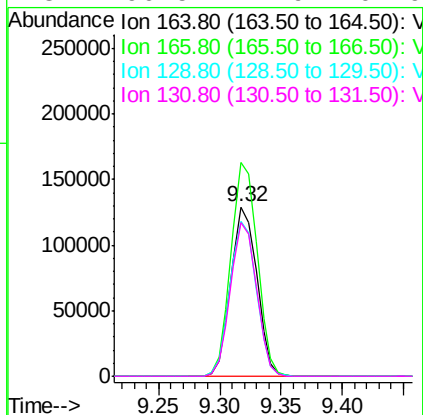
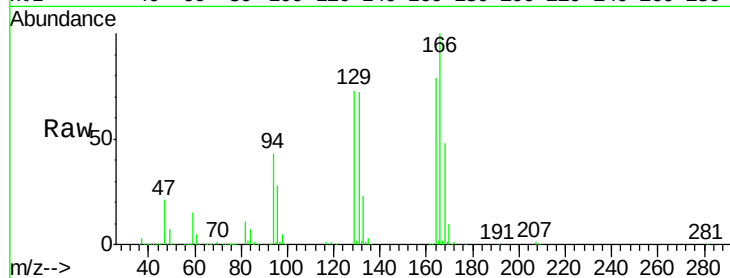
ClientSampleId :

WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.9	154.3
129	91.8	76.1	114.1
131	90.5	71.9	107.9

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#65

Chlorobenzene

Concen: 936.058 ug/l

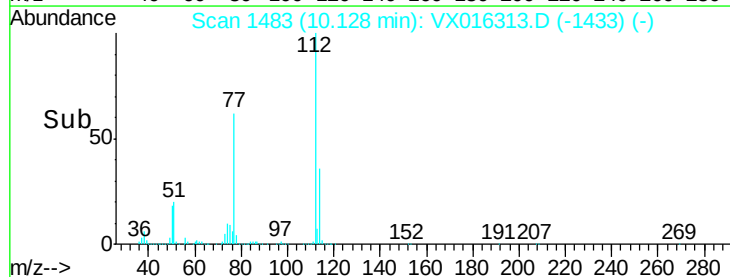
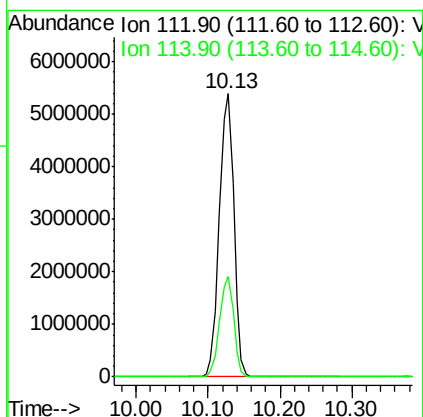
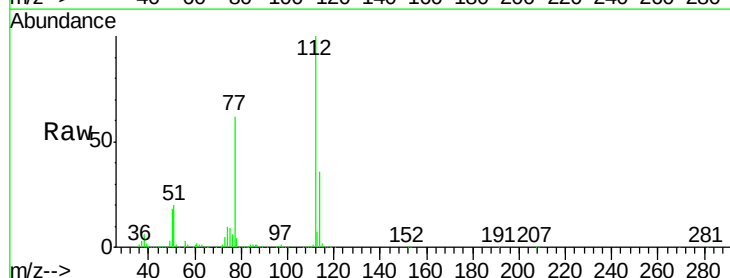
RT: 10.13 min Scan# 1483

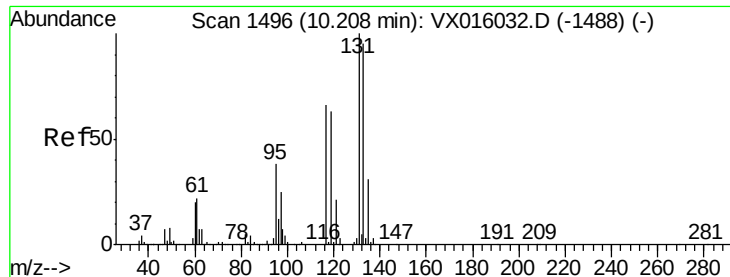
Delta R.T. 0.01 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.7	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 51.963 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

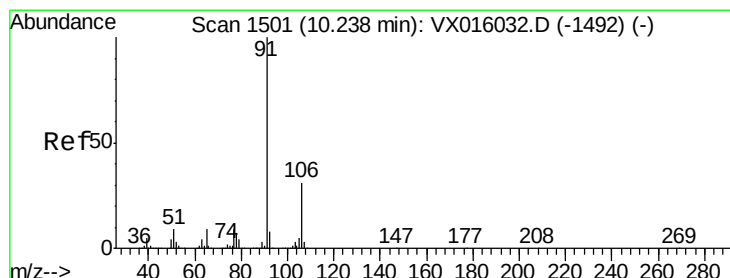
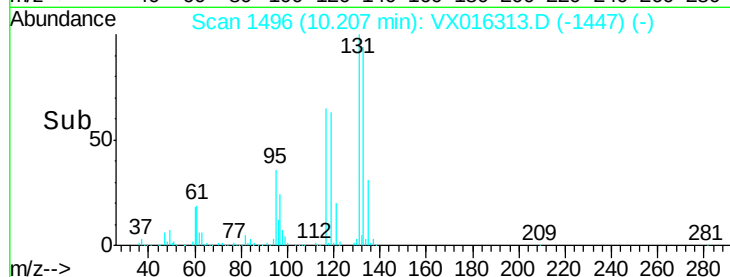
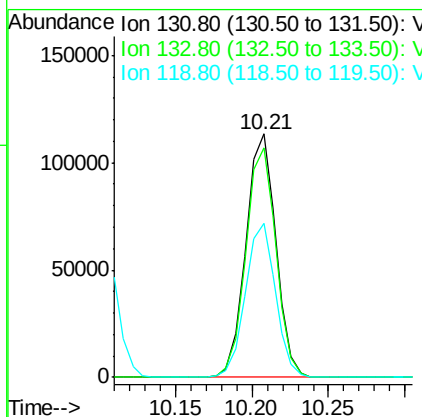
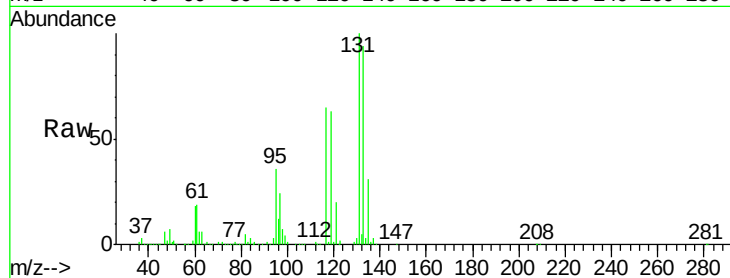
ClientSampleId :

WP021MW173-200514MSD

Tot Ion:	131	Resp:	154435
Ion Ratio	Lower	Upper	
131	100		
133	95.1	48.3	144.8
119	63.0	32.3	96.9

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#67

Ethyl Benzene

Concen: 50.459 ug/l

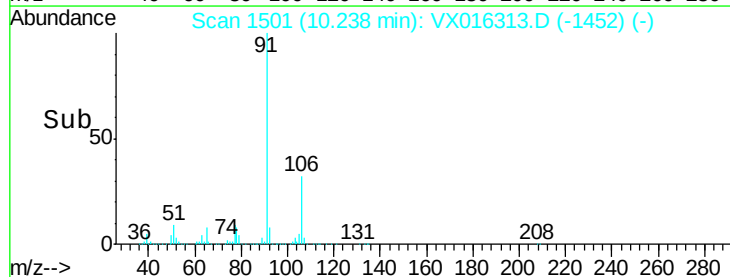
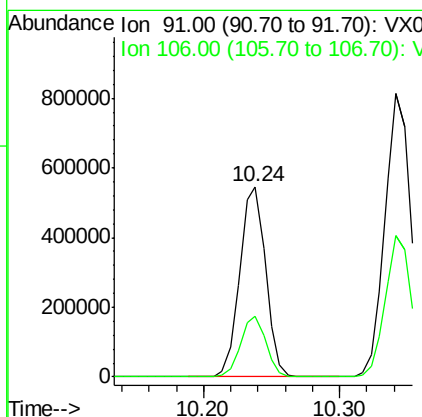
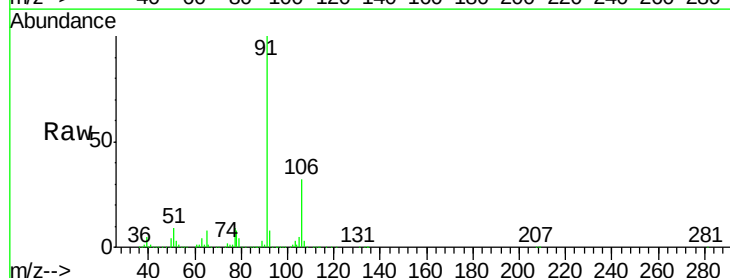
RT: 10.24 min Scan# 1501

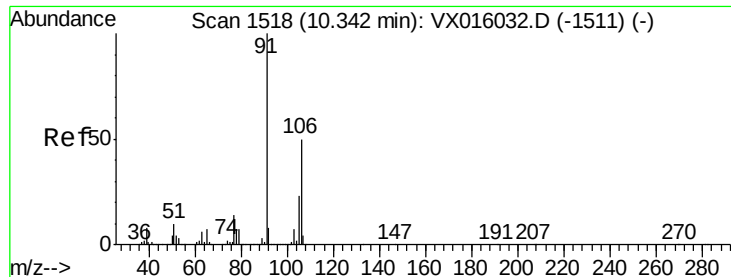
Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion:	91	Resp:	723939
Ion Ratio	Lower	Upper	
91	100		
106	32.1	25.1	37.7





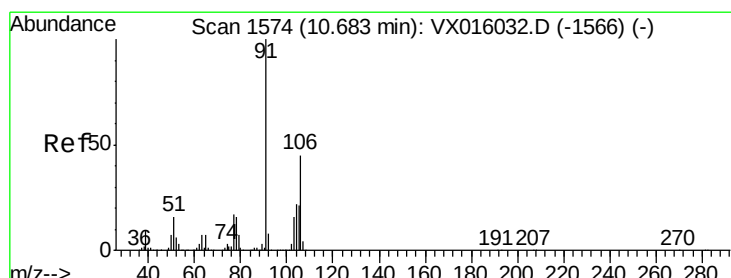
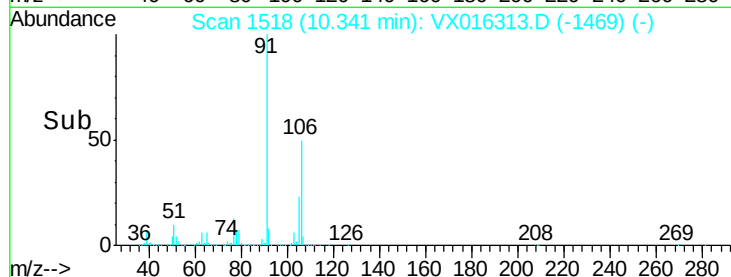
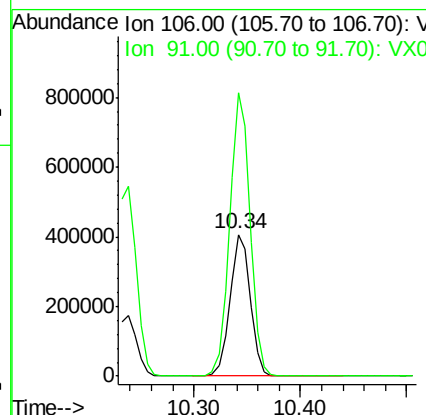
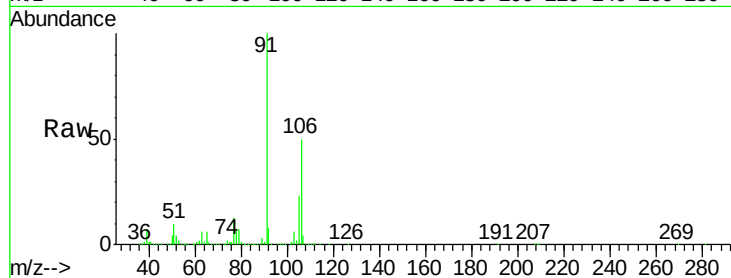
#68
m/p-Xylenes
Concen: 100.752 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	200.4	161.7	541572	242.5	

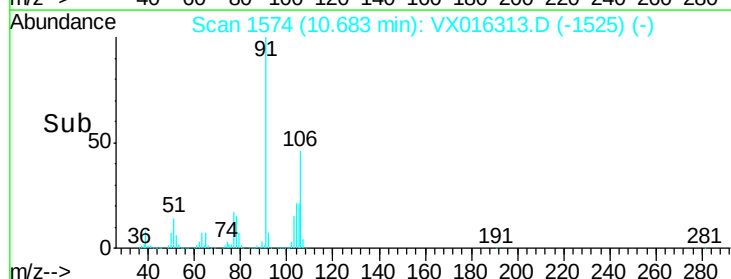
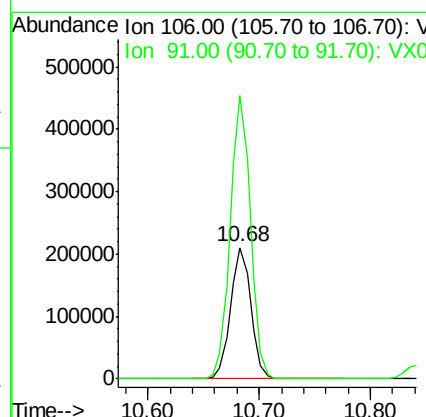
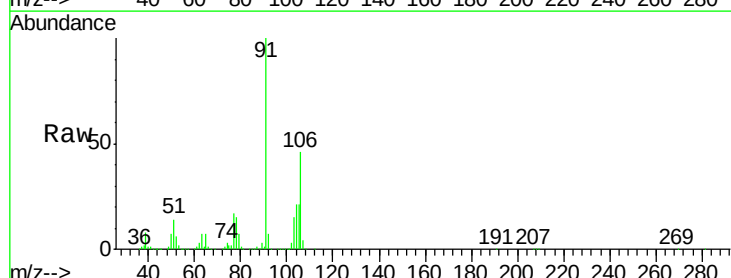
Manual Integrations
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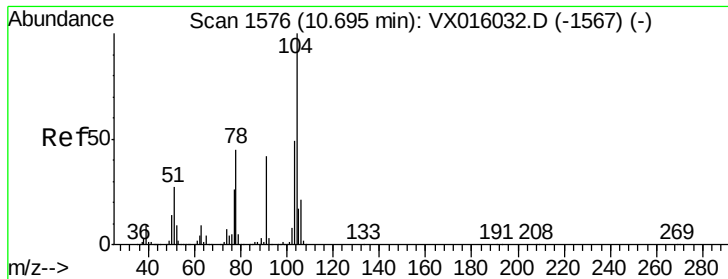
MMDadoda
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#69
o-Xylene
Concen: 51.205 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.8	107.5	264571	322.6	





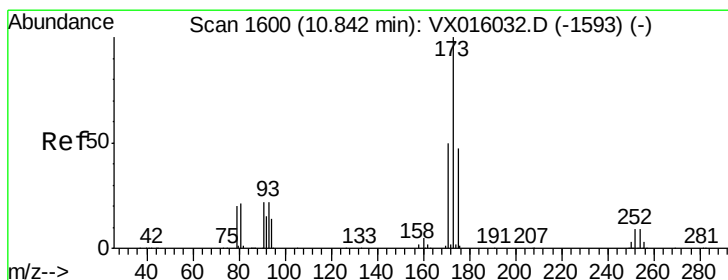
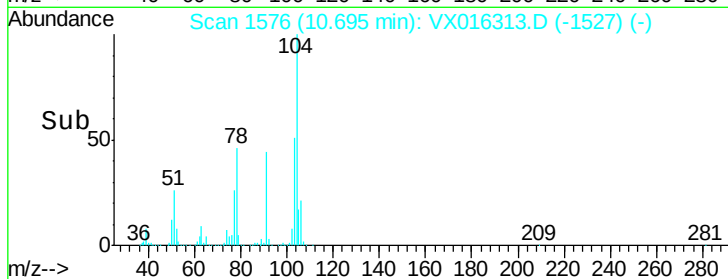
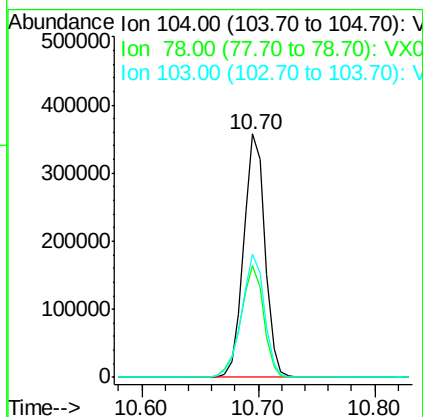
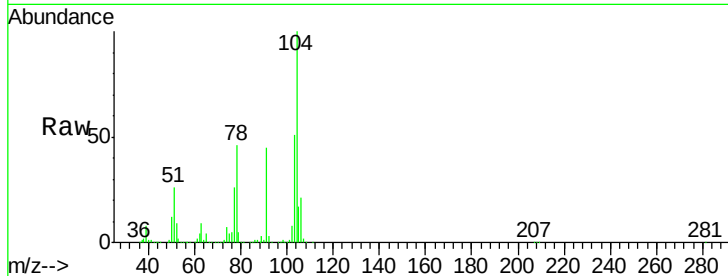
#70
Stvrene
Concen: 52.294 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	458392		
78	49.5		40.2	60.2
103	54.0		43.0	64.6

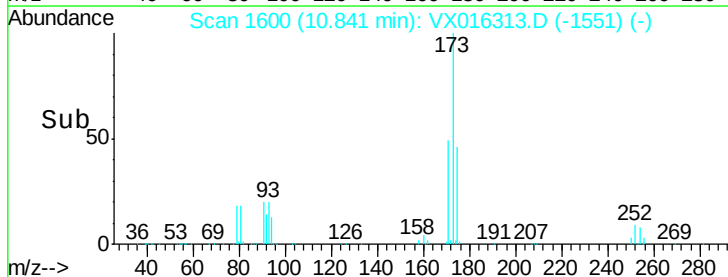
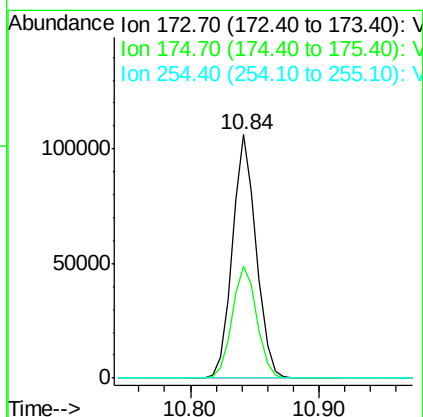
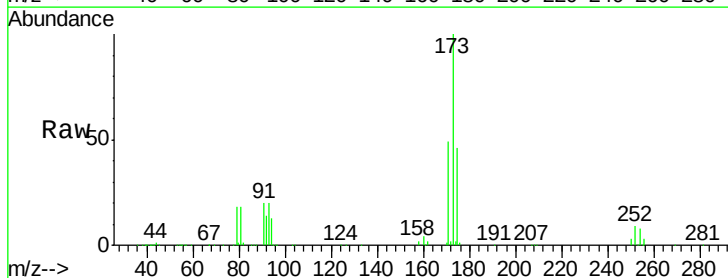
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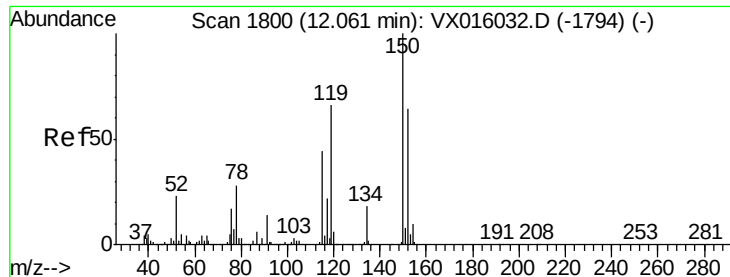
MMDadoda
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#71
Bromoform
Concen: 56.208 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	136101		
175	47.8		24.0	72.0
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion:152 Resp: 188620

Ion Ratio Lower Upper

152 100

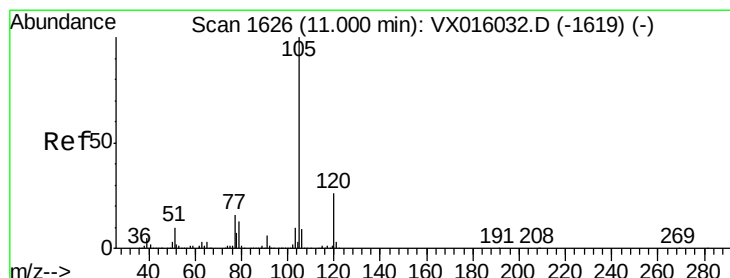
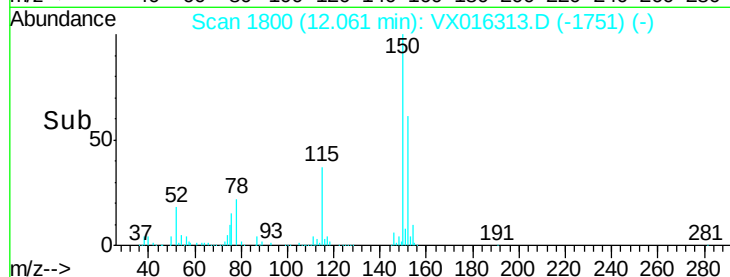
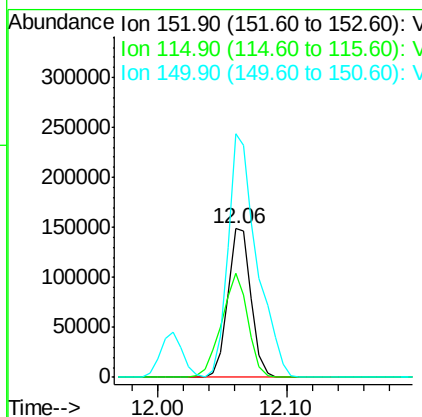
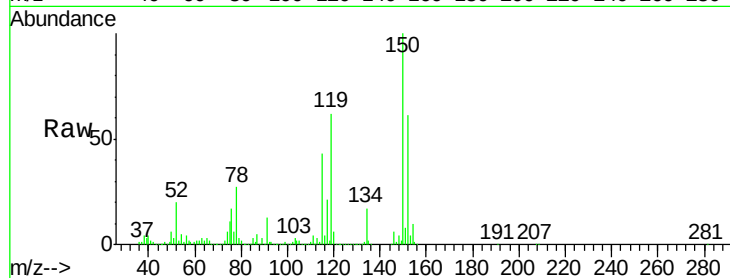
115 79.1 41.3 124.1

150 200.9 0.0 352.2

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#73

Isopropylbenzene

Concen: 51.556 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016313.D

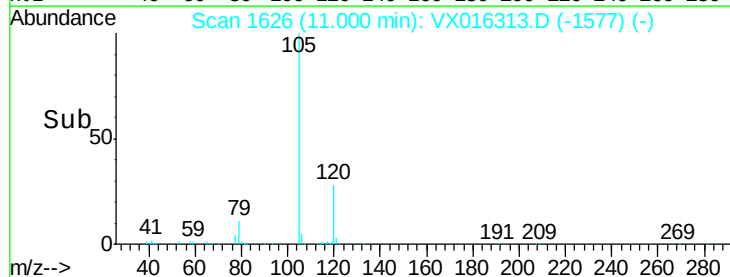
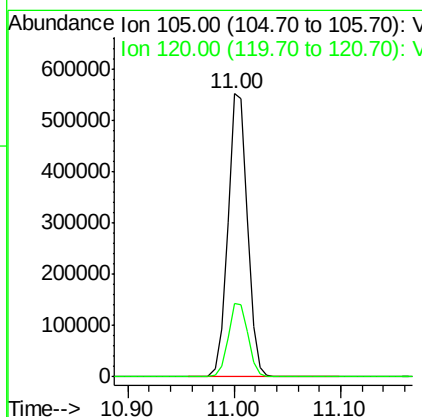
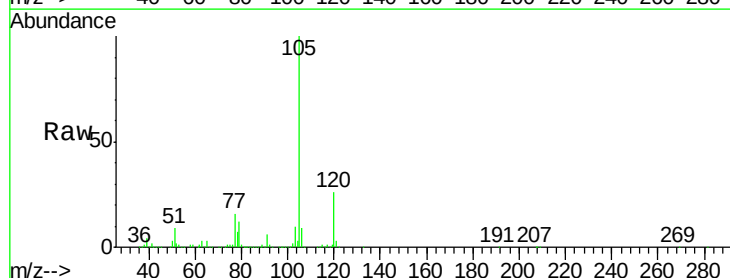
Acq: 18 May 2020 21:05

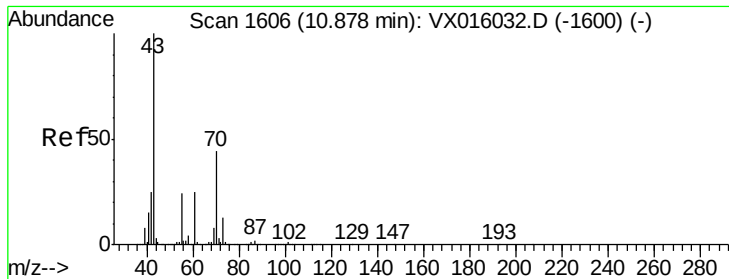
Tgt Ion:105 Resp: 707303

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2





#74

N-amvl acetate

Concen: 47.485 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

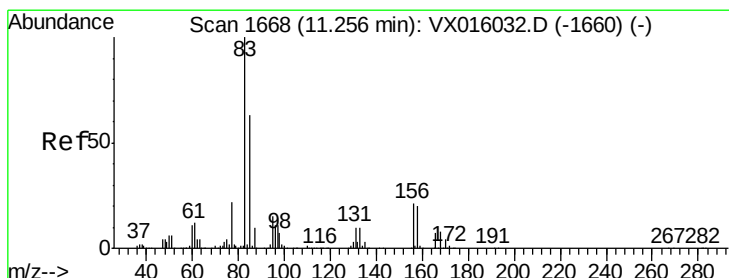
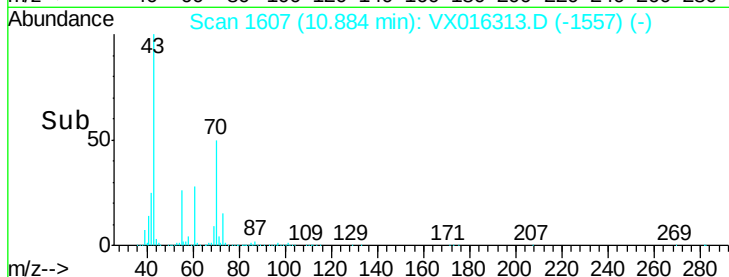
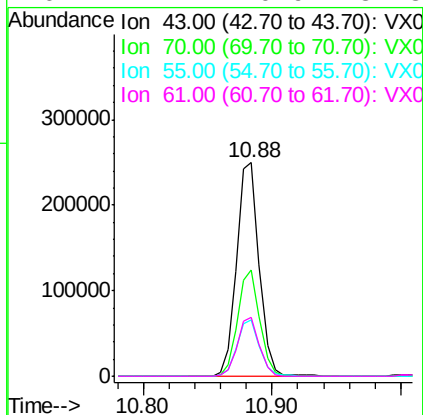
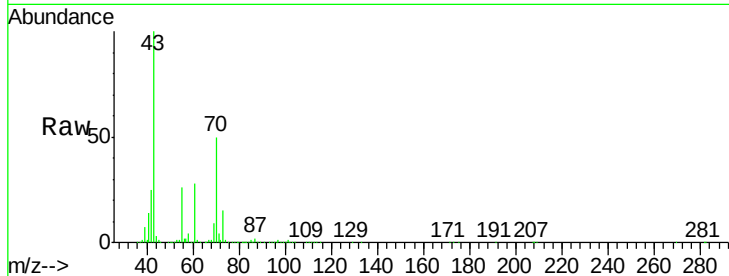
ClientSampleId :

WP021MW173-200514MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	48.4	36.5	54.7		
55	26.4	19.7	29.5		
61	27.2	20.9	31.3		

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#75

1,1,2,2-Tetrachloroethane

Concen: 71.017 ug/l

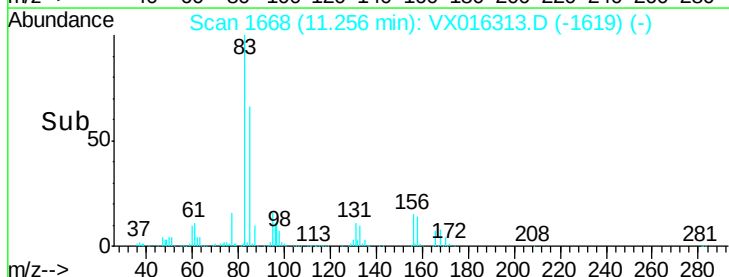
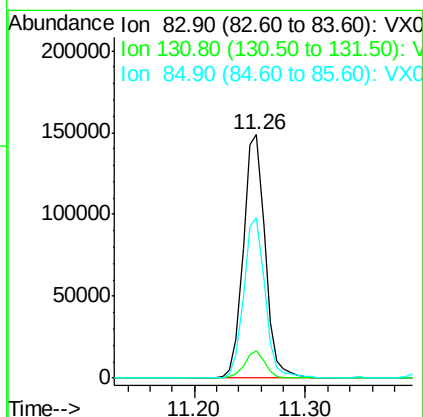
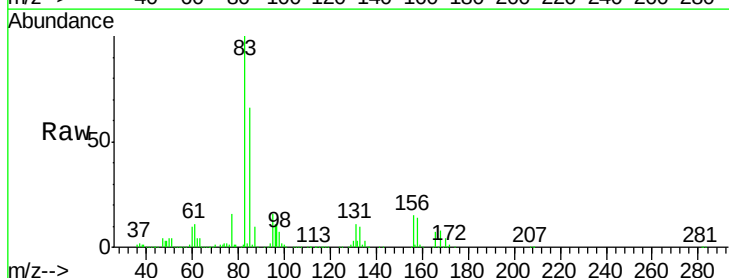
RT: 11.26 min Scan# 1668

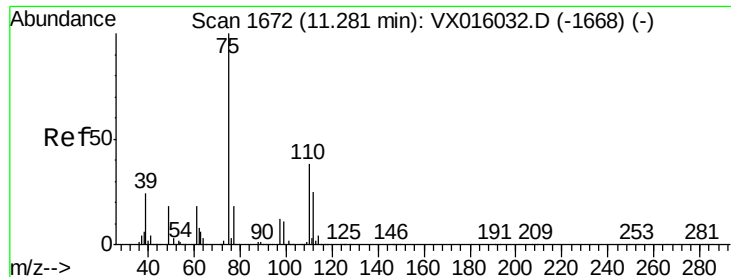
Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.5	5.1	15.4		
85	64.7	32.0	96.0		





#76

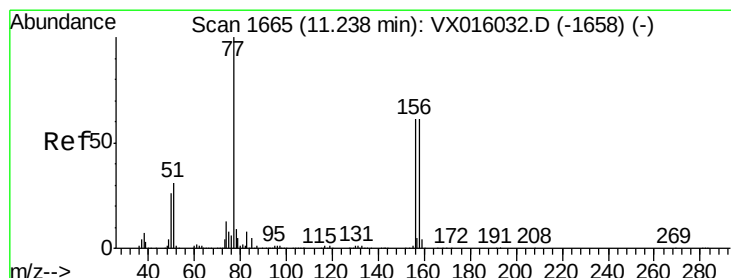
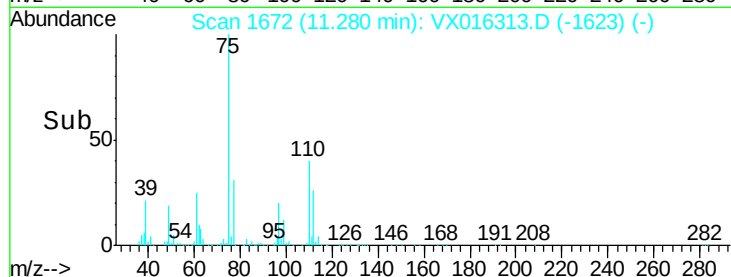
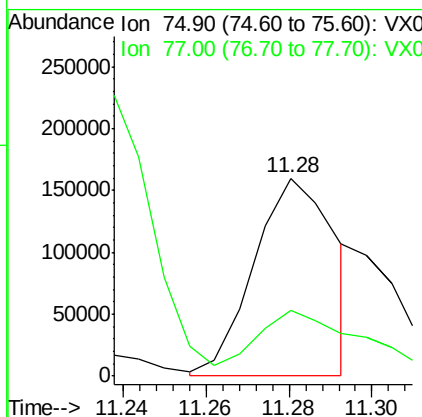
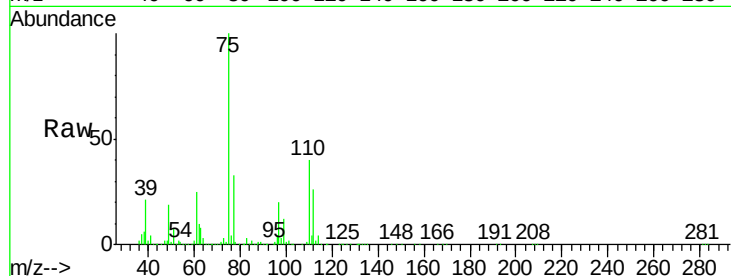
1,2,3-Trichloropropane
Concen: 50.953 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion: 75 Resp: 218092
Ion Ratio Lower Upper
75 100
77 43.4 21.2 63.6

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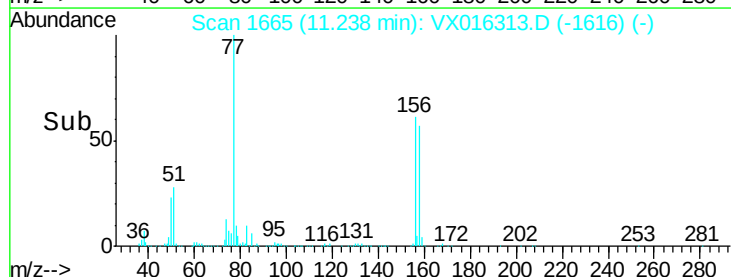
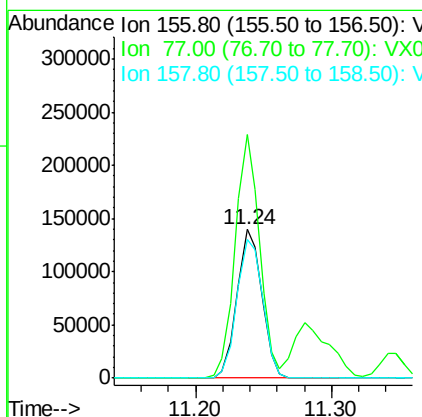
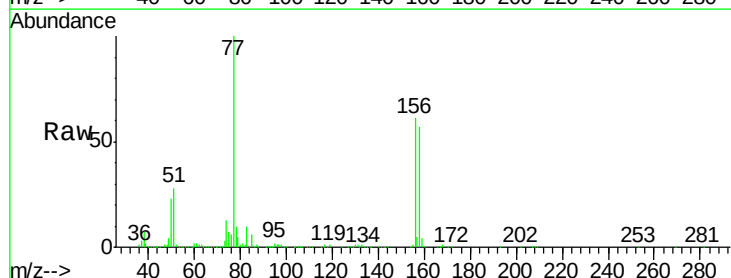
MMDadoda
5/19/2020 2:27:12 PM

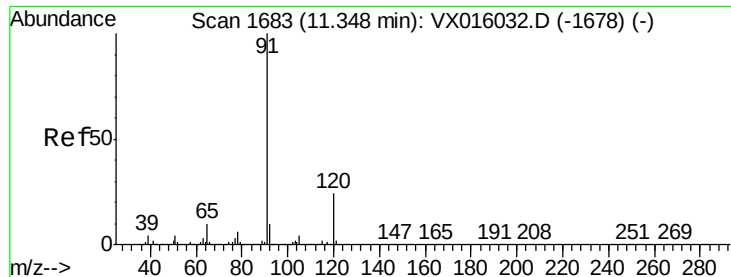


#77

Bromobenzene
Concen: 50.200 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion: 156 Resp: 177766
Ion Ratio Lower Upper
156 100
77 160.2 80.1 240.3
158 96.8 49.4 148.2





#78

n-propylbenzene

Concen: 48.364 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion: 91 Resp: 771889

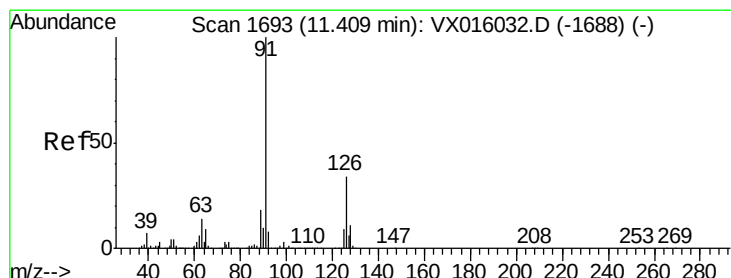
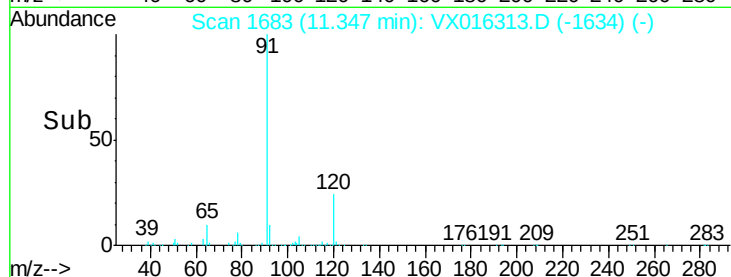
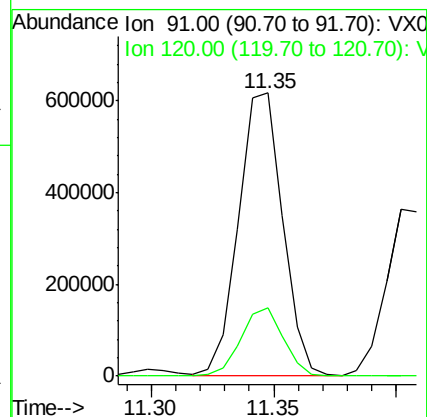
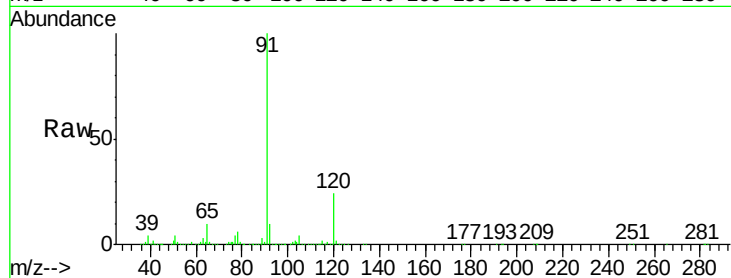
Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5

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#79

2-Chlorotoluene

Concen: 49.903 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016313.D

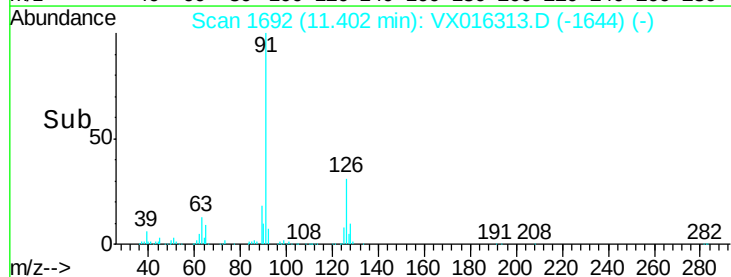
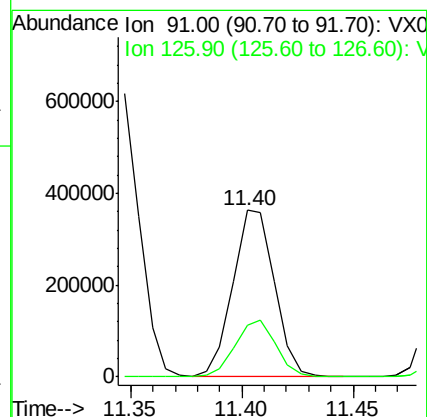
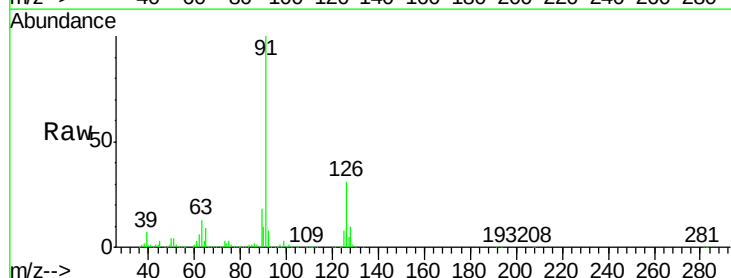
Acq: 18 May 2020 21:05

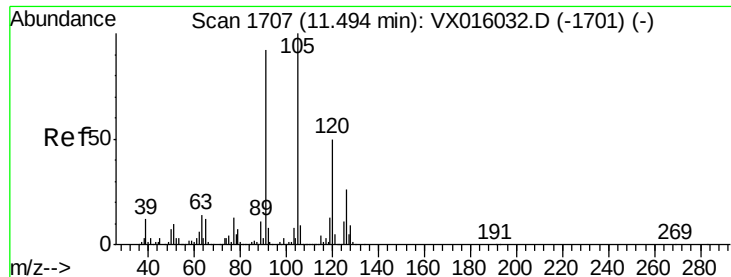
Tgt Ion: 91 Resp: 470126

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 48.061 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion:105 Resp: 556717

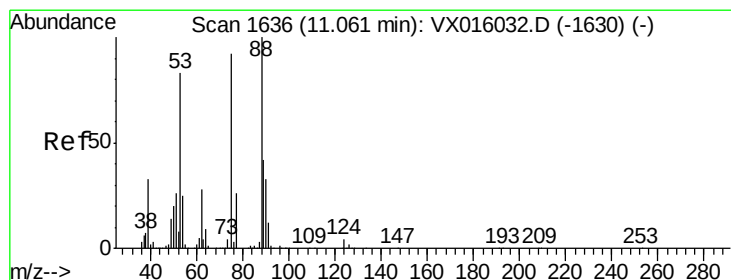
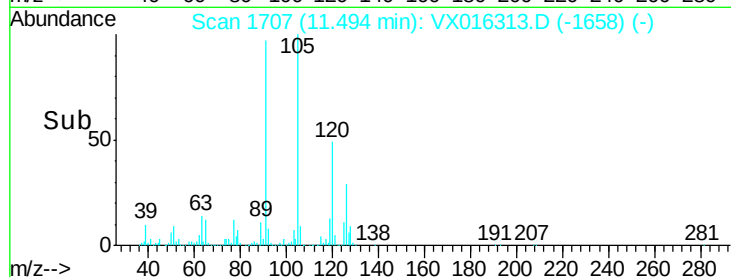
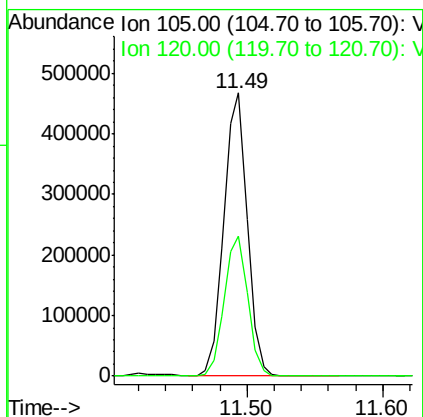
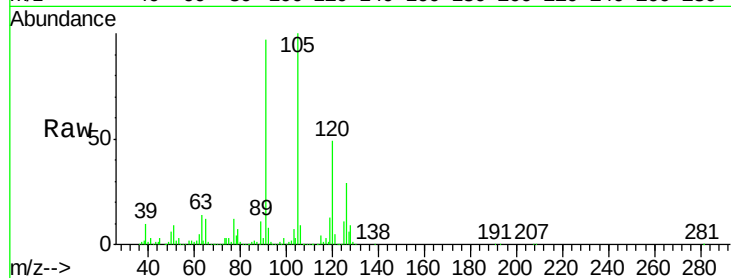
Ion Ratio Lower Upper

105 100

120 49.9 24.6 74.0

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#81

trans-1,4-Dichloro-2-butene

Concen: 49.381 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

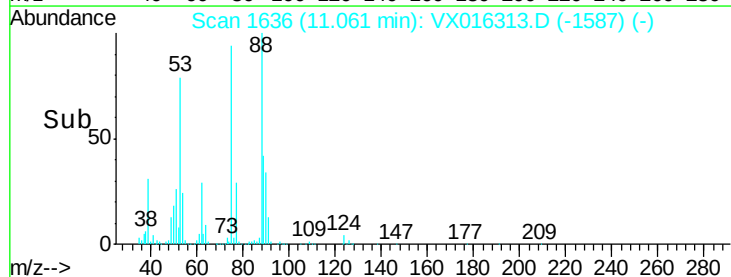
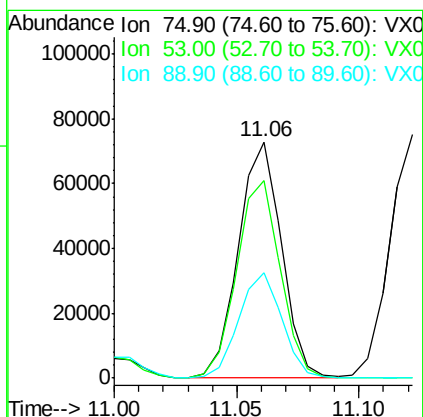
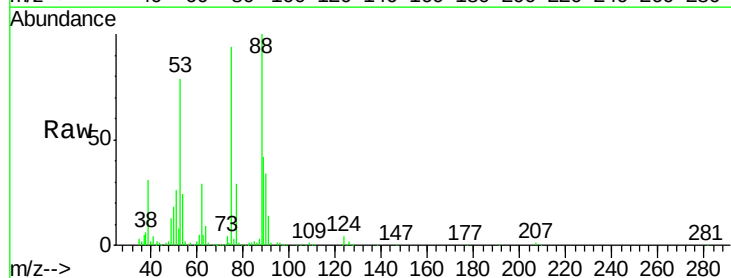
Tgt Ion: 75 Resp: 88692

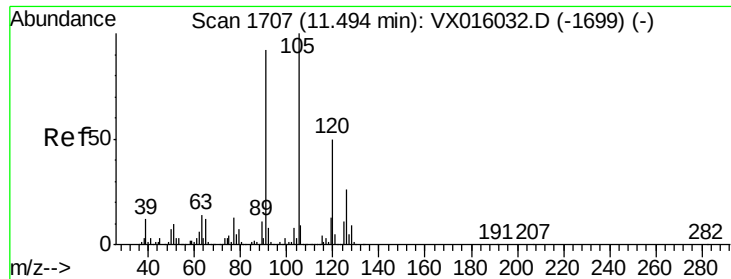
Ion Ratio Lower Upper

75 100

53 85.3 73.1 109.7

89 45.0 36.7 55.1





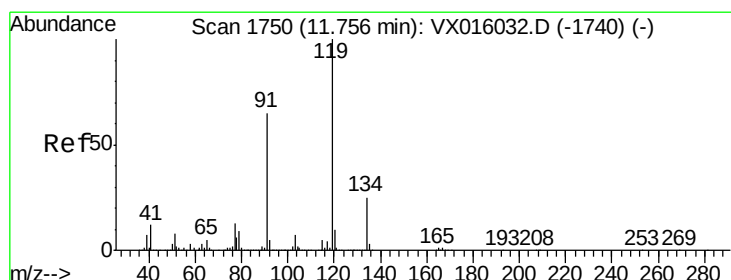
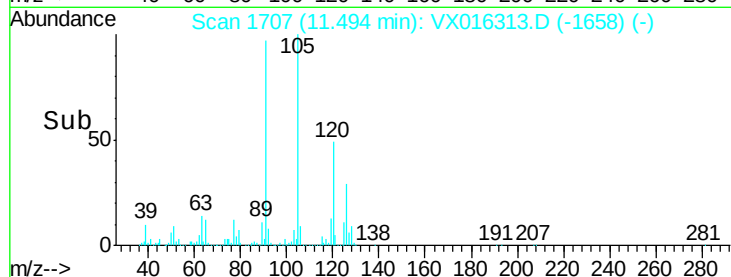
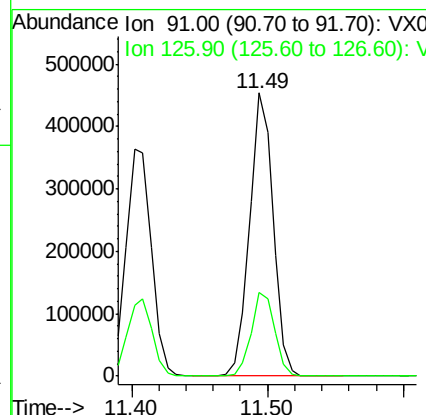
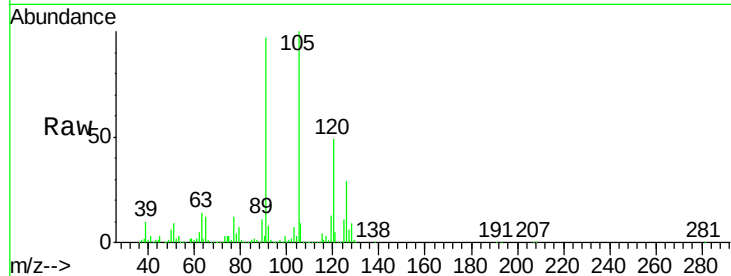
#82
4-Chlorotoluene
Concen: 49.482 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
126	29.6	14.8	44.3	

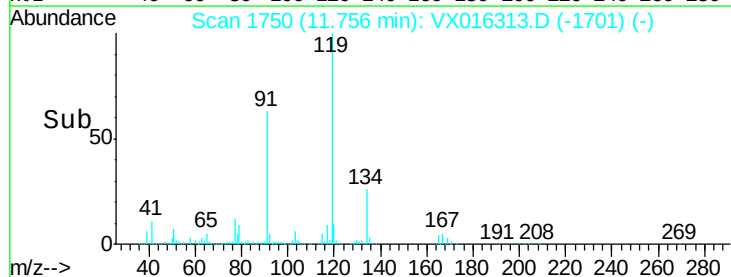
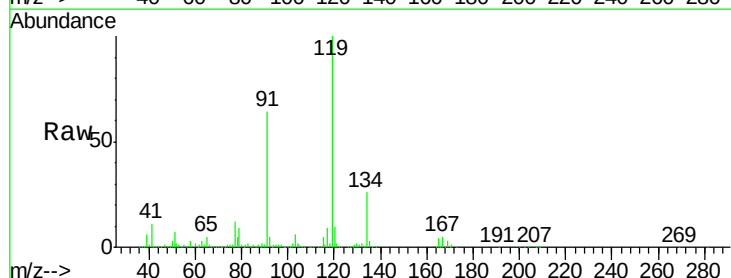
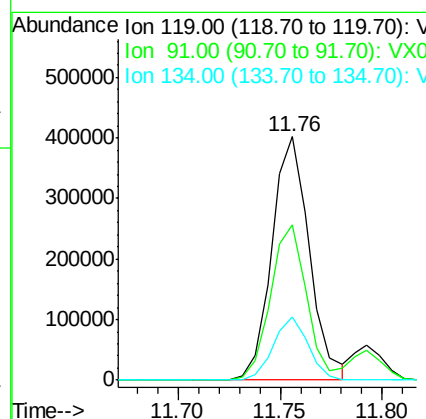
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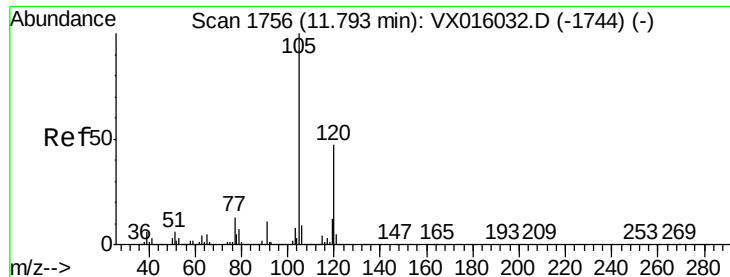
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#83
tert-Butylbenzene
Concen: 51.500 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100			
91	60.8	32.8	98.4	
134	24.2	12.4	37.0	





#84

1,2,4-Trimethylbenzene

Concen: 49.230 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MSD

Tot Ion:105 Resp: 576520

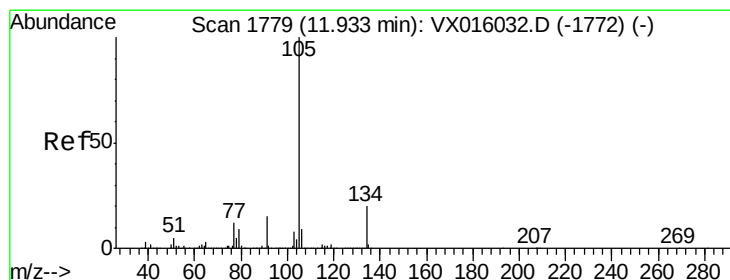
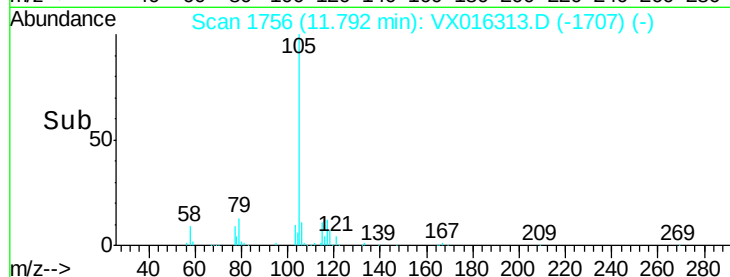
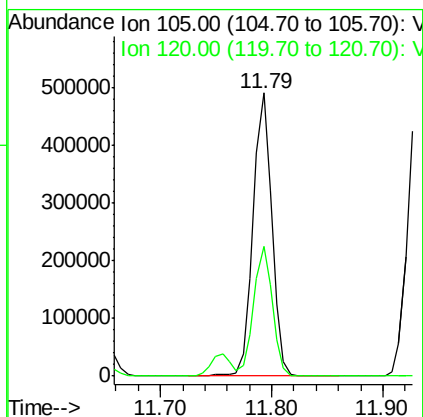
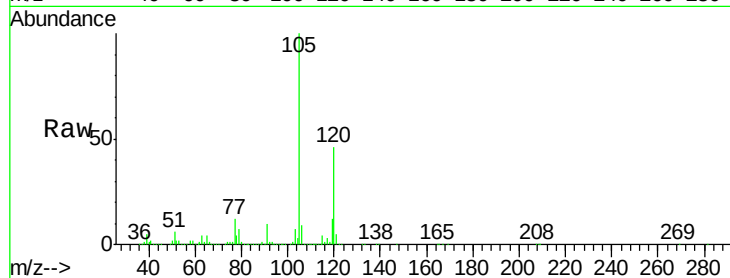
Ion Ratio Lower Upper

105 100

120 45.7 23.0 69.0

Manual Integrations
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#85

sec-Butylbenzene

Concen: 44.006 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016313.D

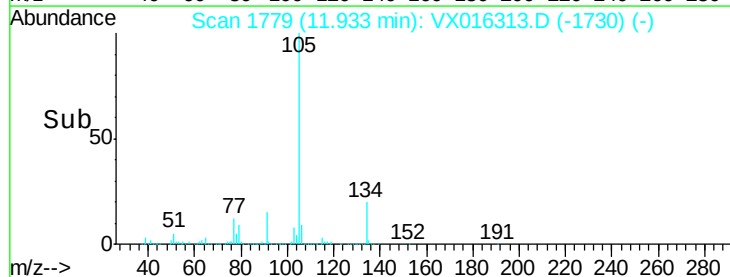
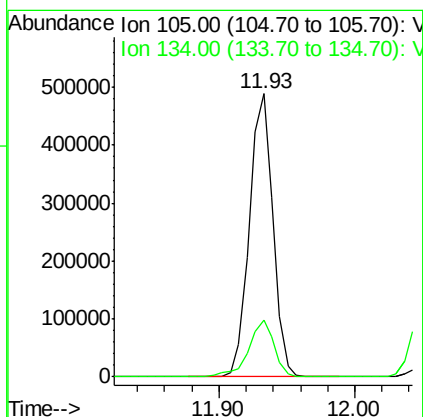
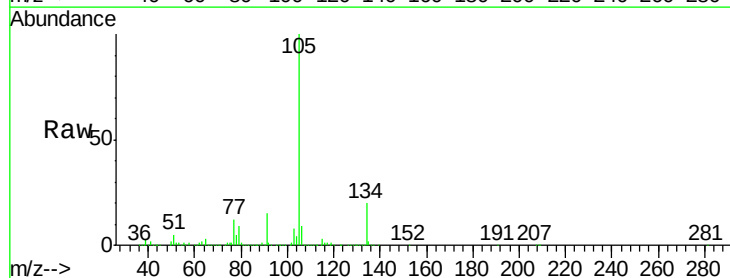
Acq: 18 May 2020 21:05

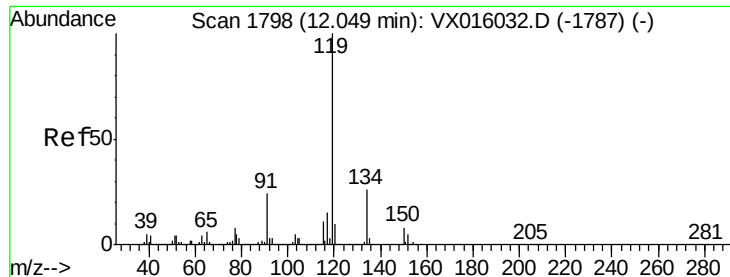
Tgt Ion:105 Resp: 593129

Ion Ratio Lower Upper

105 100

134 21.8 10.1 30.3





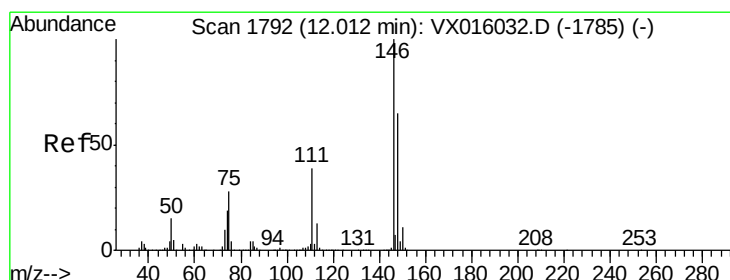
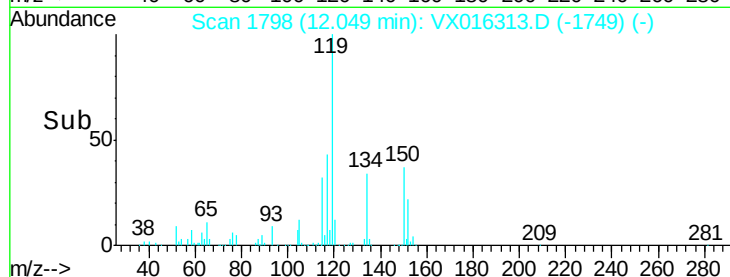
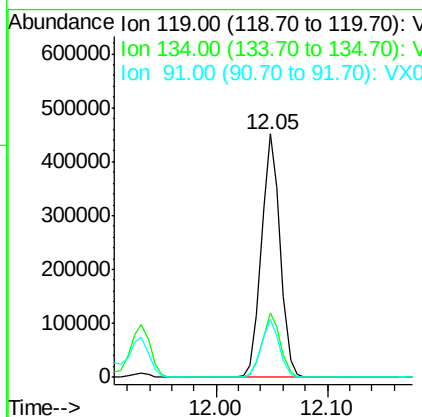
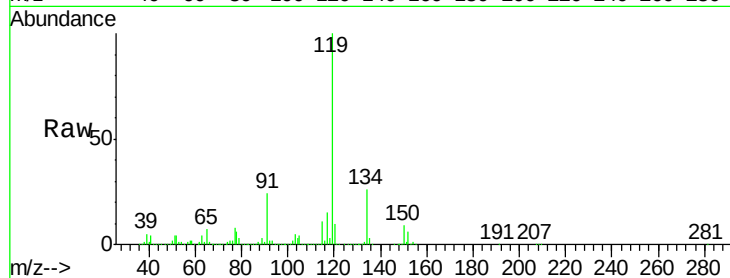
#86
p-Isopropyltoluene
Concen: 42.528 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.1	11.8	35.4

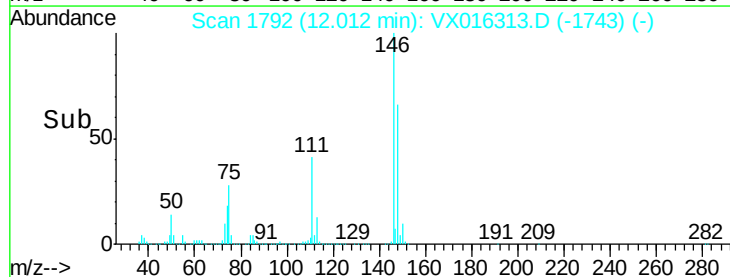
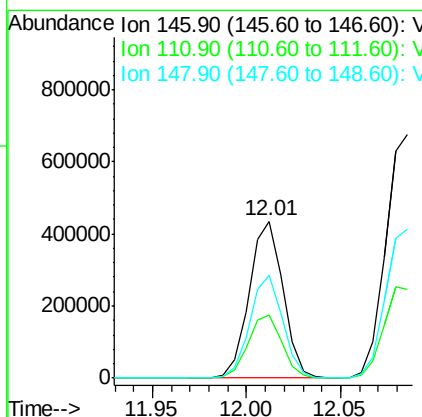
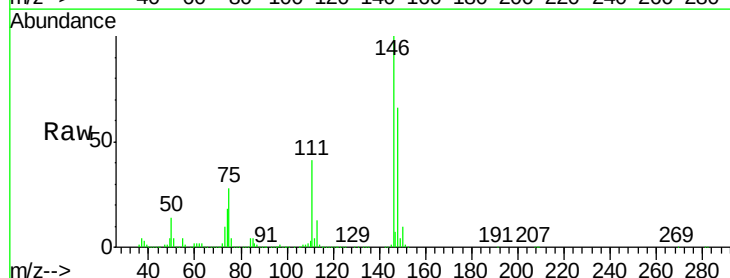
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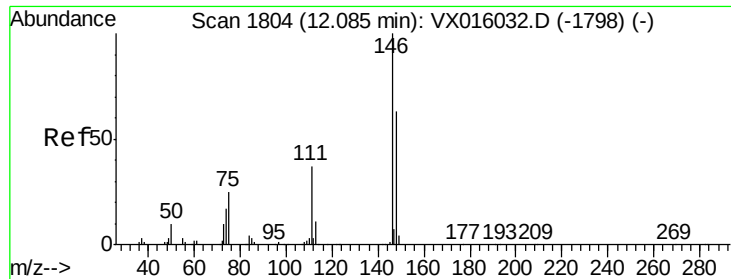
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#87
1,3-Dichlorobenzene
Concen: 84.897 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	40.6	20.2	60.6
148	63.8	32.1	96.3





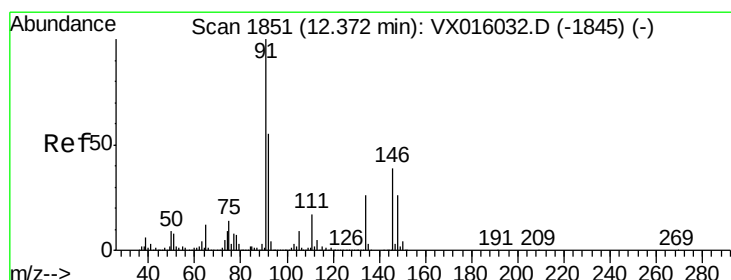
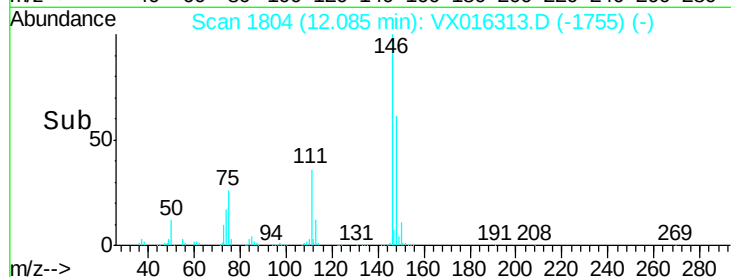
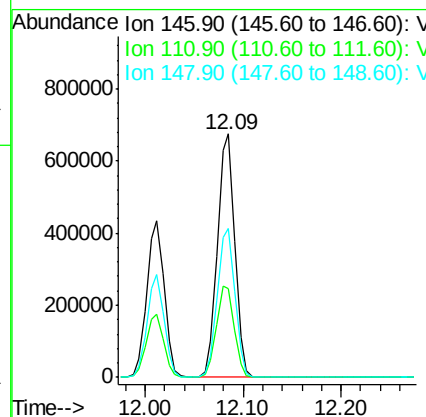
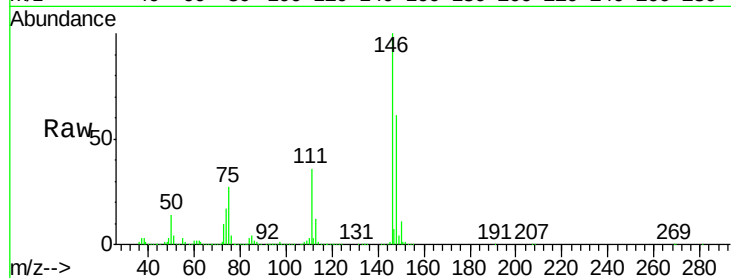
#88
 1,4-Dichlorobenzene
 Concen: 128.665 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	62.2	31.8	95.3

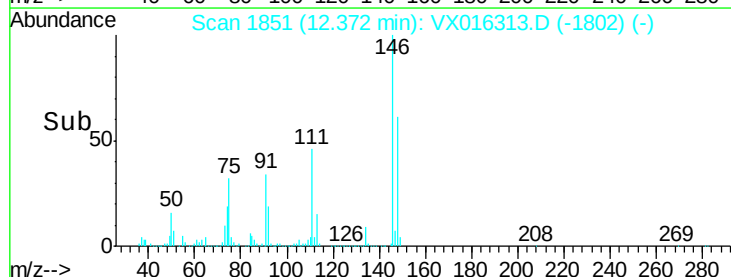
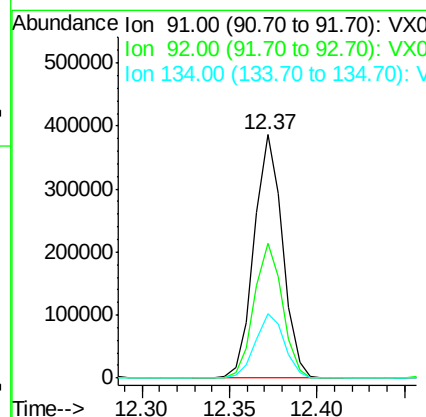
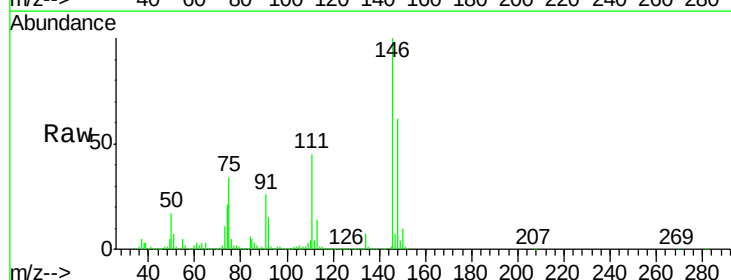
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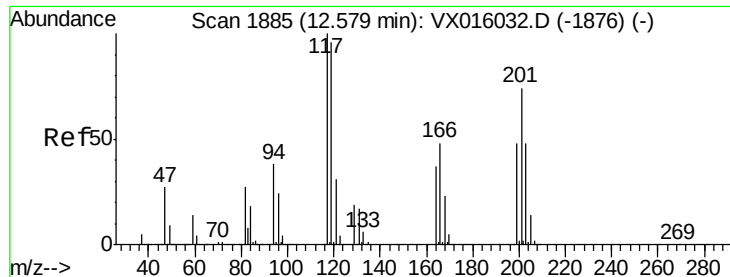
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#89
 n-Butylbenzene
 Concen: 38.103 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.6	82.7
134	27.2	13.4	40.1





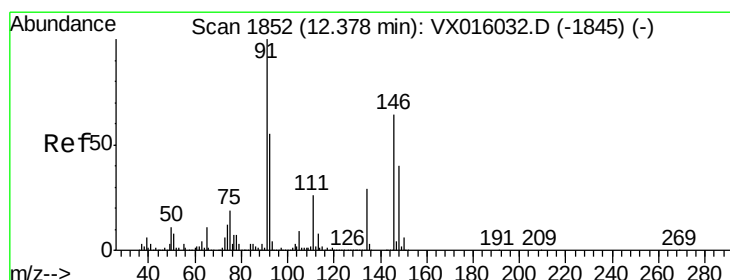
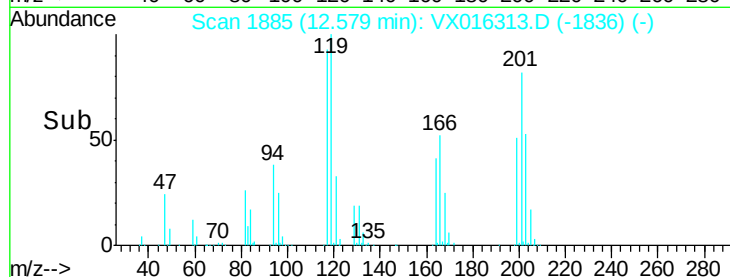
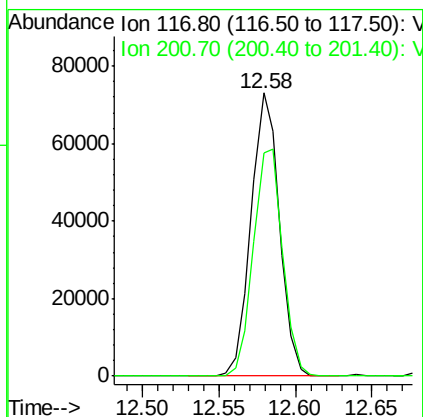
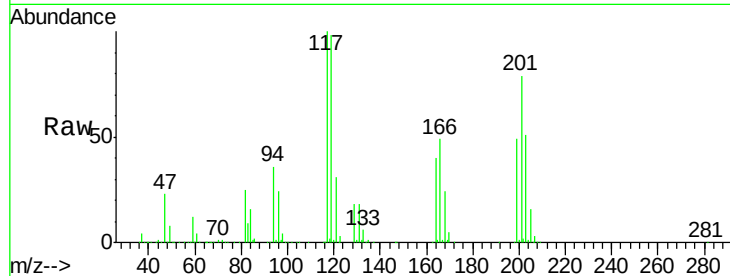
#90
Hexachloroethane
Concen: 43.842 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MSD

Tot Ion:117 Resp: 94224
Ion Ratio Lower Upper
117 100
201 82.9 39.8 119.3

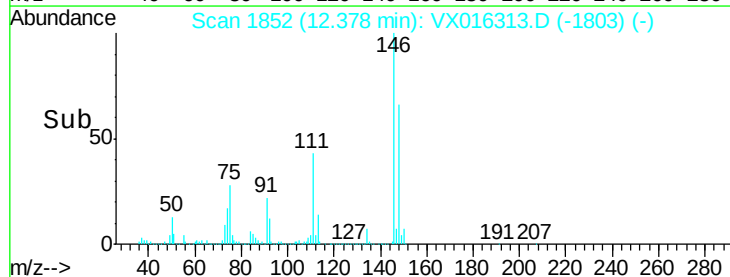
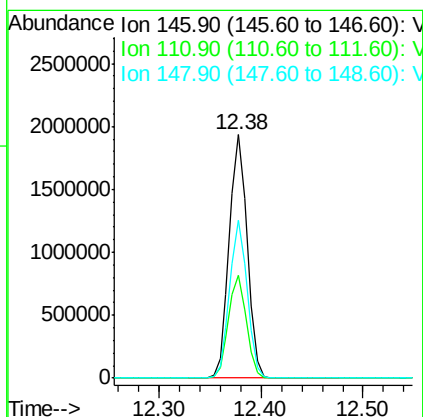
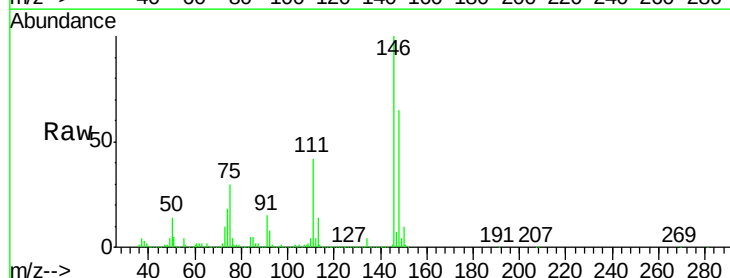
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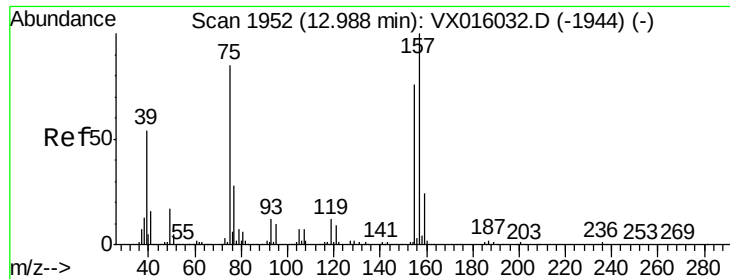
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#91
1,2-Dichlorobenzene
Concen: 383.020 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016313.D
Acq: 18 May 2020 21:05

Tgt Ion:146 Resp: 2344982
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.1
148 63.5 32.4 97.0





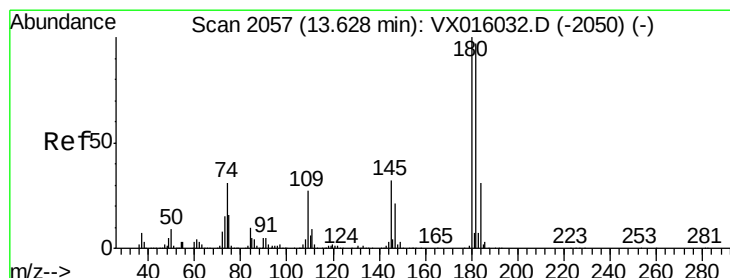
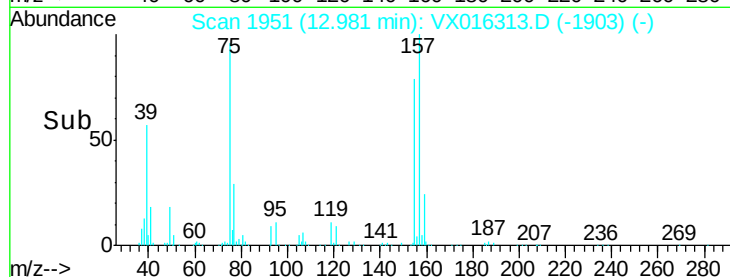
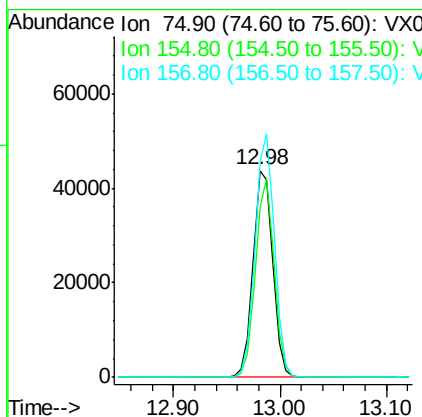
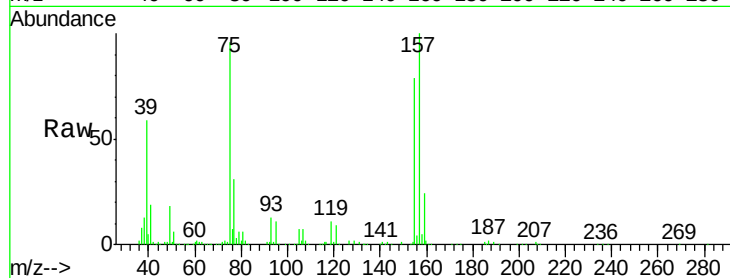
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.796 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	90.5	42.5	127.5
157	114.2	55.3	165.8

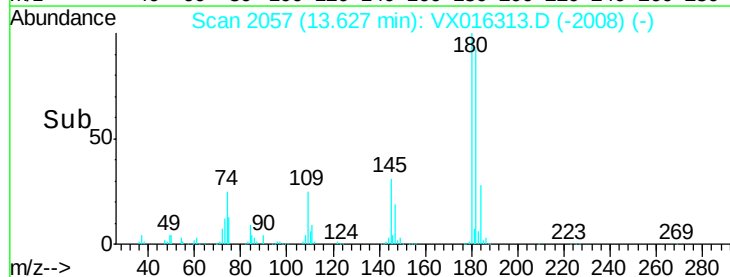
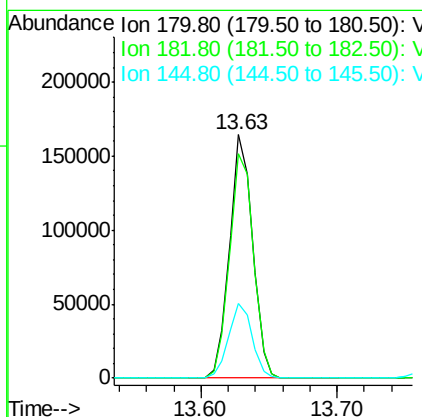
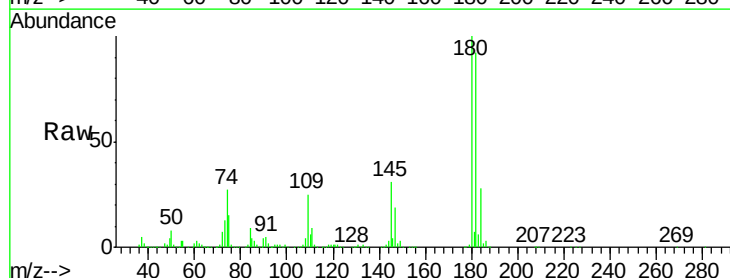
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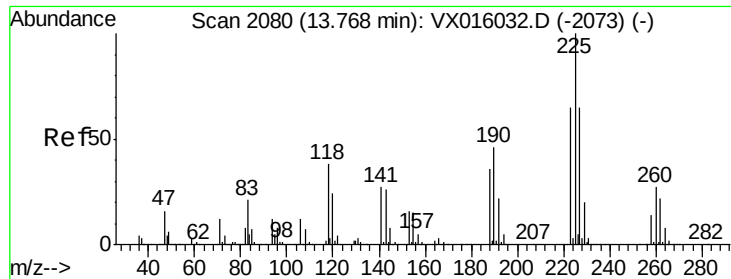
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#93
 1,2,4-Trichlorobenzene
 Concen: 42.830 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.7	146.1
145	31.3	15.7	47.1





#94

Hexachlorobutadiene

Concen: 33.486 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Instrument :

MSVOA_X

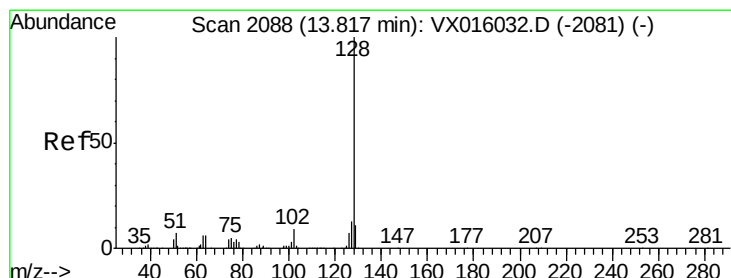
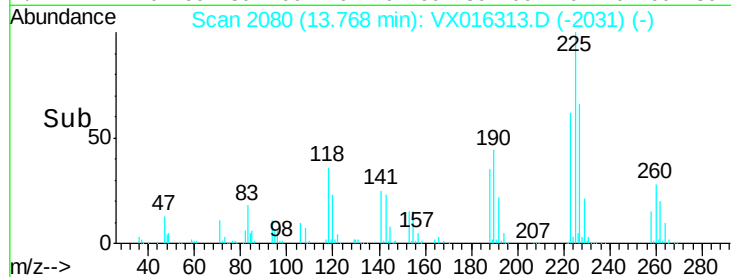
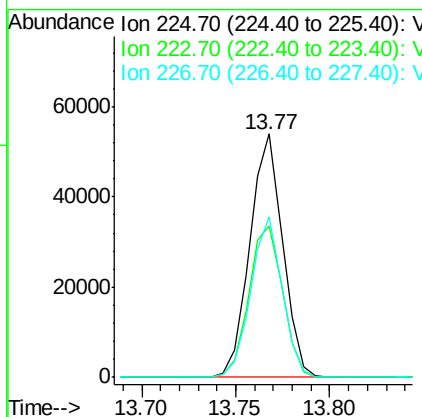
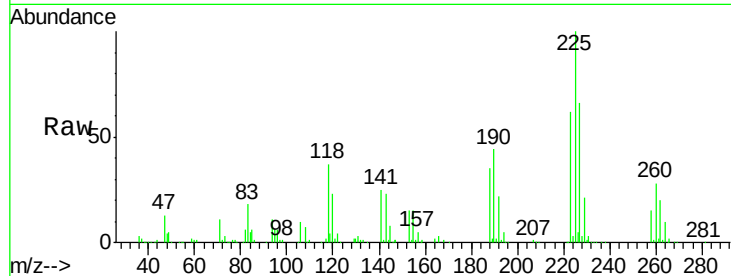
ClientSampleId :

WP021MW173-200514MSD

Tot Ion:	225	Resp:	65017
Ion Ratio		Lower	Upper
225	100		
223	64.1	32.3	96.9
227	63.6	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 52.170 ug/l

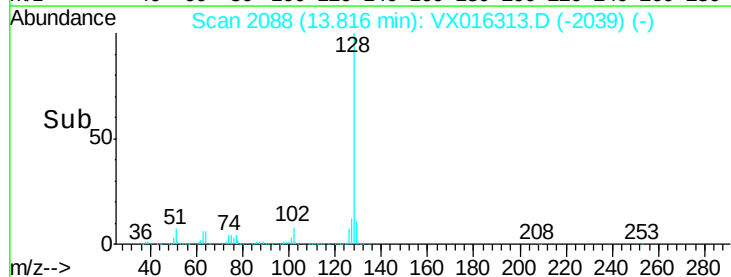
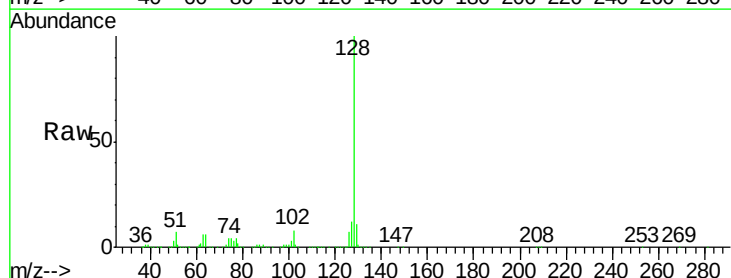
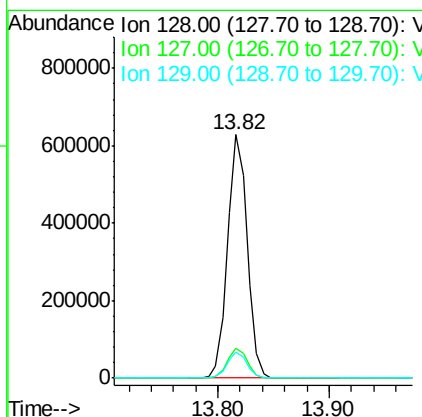
RT: 13.82 min Scan# 2088

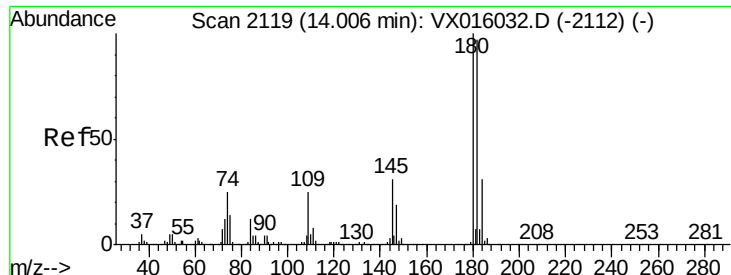
Delta R.T. -0.00 min

Lab File: VX016313.D

Acq: 18 May 2020 21:05

Tgt Ion:	128	Resp:	765696
Ion Ratio		Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 43.808 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016313.D
 Acq: 18 May 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	97.2	48.4	145.0
145	33.8	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 2:27:12 PM

