

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016312.D
 Acq On : 18 May 2020 20:42
 Operator : JC/SP
 Sample : L2672-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Manual Integrations
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 5/19/2020 2:27:10 PM

Quant Time: May 19 02:53:29 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	256777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	415929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154733	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
35) Dibromofluoromethane	5.47	113	127595	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.70	98	494161	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.12	95	194336	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	131799	48.493	ug/l	100
3) Chloromethane	1.31	50	135651	42.976	ug/l	99
4) Vinyl Chloride	1.39	62	170522	50.637	ug/l	99
5) Bromomethane	1.62	94	60299	35.517	ug/l	95
6) Chloroethane	1.70	64	97285	47.479	ug/l	98
7) Trichlorofluoromethane	1.91	101	209023	47.279	ug/l	99
8) Diethyl Ether	2.17	74	89011	47.784	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	117370	46.015	ug/l	99
10) Methyl Iodide	2.49	142	80988	23.638	ug/l	98
11) Tert butyl alcohol	3.02	59	201422	235.735	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124137	46.507	ug/l	99
13) Acrolein	2.27	56	159802	298.874	ug/l	98
14) Allyl chloride	2.71	41	221676	45.294	ug/l	95
15) Acrylonitrile	3.12	53	449842	253.783	ug/l	98
16) Acetone	2.42	43	347252	230.328	ug/l	95
17) Carbon Disulfide	2.55	76	344121	42.901	ug/l	99
18) Methyl Acetate	2.75	43	189824	51.208	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	473076	51.412	ug/l	99
20) Methylene Chloride	2.84	84	149765	48.187	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	142302	47.841	ug/l	98
22) Diisopropyl ether	3.82	45	453854	49.155	ug/l	98
23) Vinyl Acetate	3.79	43	1932978	237.959	ug/l	98
24) 1,1-Dichloroethane	3.67	63	257301	49.816	ug/l	98
25) 2-Butanone	4.64	43	605794	249.357	ug/l	100
26) 2,2-Dichloropropane	4.55	77	202629	42.958	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	187599	57.690	ug/l	95
28) Bromochloromethane	4.98	49	111372	47.289	ug/l	94
29) Tetrahydrofuran	5.09	42	396890	246.555	ug/l	96
30) Chloroform	5.18	83	262406	51.026	ug/l	98
31) Cyclohexane	5.55	56	207475	44.200	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	230873	49.390	ug/l	98
36) 1,1-Dichloropropene	5.77	75	191471	46.766	ug/l	100
37) Ethyl Acetate	4.80	43	223515	47.102	ug/l	98
38) Carbon Tetrachloride	5.76	117	201635	48.452	ug/l	98

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Quant Time: May 19 02:53:29 2020
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 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	195543	39.659	ug/l	99
40) Benzene	6.12	78	1683045	140.493	ug/l	99
41) Methacrylonitrile	5.01	41	127050	49.576	ug/l	98
42) 1,2-Dichloroethane	6.17	62	215105	49.846	ug/l	99
43) Isopropyl Acetate	6.42	43	361398	47.732	ug/l	97
44) Trichloroethene	7.19	130	178715	41.992	ug/l	97
45) 1,2-Dichloropropane	7.49	63	154611	51.006	ug/l	100
46) Dibromomethane	7.64	93	102034	49.532	ug/l	97
47) Bromodichloromethane	7.88	83	214766	51.191	ug/l	98
48) Methyl methacrylate	7.74	41	173561	48.377	ug/l	94
49) 1,4-Dioxane	7.71	88	77098	896.028	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1168477	252.195	ug/l	97
52) Toluene	8.77	92	393361	52.680	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	246376	49.254	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	256903	49.170	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	158232	53.861	ug/l	99
56) Ethyl methacrylate	9.16	69	256376	53.463	ug/l	92
57) 1,3-Dichloropropane	9.35	76	267654	52.213	ug/l	100
59) 2-Hexanone	9.48	43	903664	248.356	ug/l	95
60) Dibromochloromethane	9.57	129	177718	54.926	ug/l	100
61) 1,2-Dibromoethane	9.65	107	166278	52.253	ug/l	99
64) Tetrachloroethene	9.32	164	194023	39.949	ug/l	98
65) Chlorobenzene	10.13	112	7587260	915.900	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.21	131	156865	51.232	ug/l	99
67) Ethyl Benzene	10.24	91	734705	49.707	ug/l	99
68) m/p-Xylenes	10.34	106	546229	98.637	ug/l	99
69) o-Xylene	10.68	106	268041	50.354	ug/l	99
70) Stvrene	10.70	104	467615	51.781	ug/l	99
71) Bromoform	10.84	173	131447	52.694	ug/l #	99
73) Isopropylbenzene	11.00	105	708614	49.361	ug/l	100
74) N-amyl acetate	10.88	43	310747	46.407	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	202076	68.501	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	222964m	49.782	ug/l	
77) Bromobenzene	11.24	156	180050	48.591	ug/l	99
78) n-propylbenzene	11.35	91	786205	47.076	ug/l	100
79) 2-Chlorotoluene	11.40	91	473827	48.066	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	564640	46.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	89372	47.553	ug/l	96
82) 4-Chlorotoluene	11.49	91	554891	47.667	ug/l	99
83) tert-Butylbenzene	11.76	119	520766	49.854	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	578050	47.172	ug/l	100
85) sec-Butylbenzene	11.93	105	599807	42.528	ug/l	96
86) p-Isopropyltoluene	12.05	119	541058	41.319	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	539326	81.062	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	818964	121.276	ug/l	99
89) n-Butylbenzene	12.37	91	448083	37.457	ug/l	100
90) Hexachloroethane	12.58	117	95466	42.451	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	2384127	372.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59103	50.069	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	200176	42.204	ug/l	96

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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	65679	32.345	ug/l	98
95) Naphthalene	13.82	128	760144	49.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	191083	41.222	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: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion:168 Resp: 256777

Ion Ratio Lower Upper

168 100

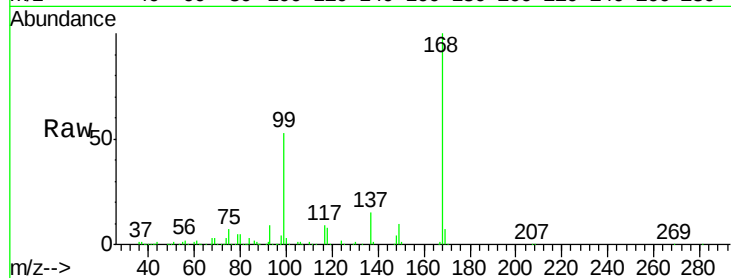
99 53.2 45.0 67.4

Manual Integrations

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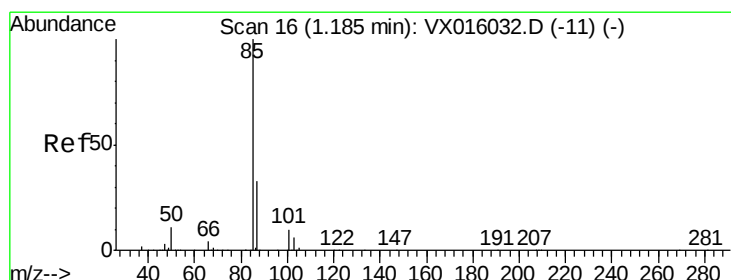
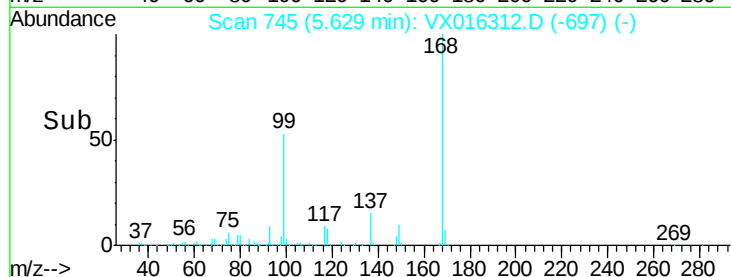
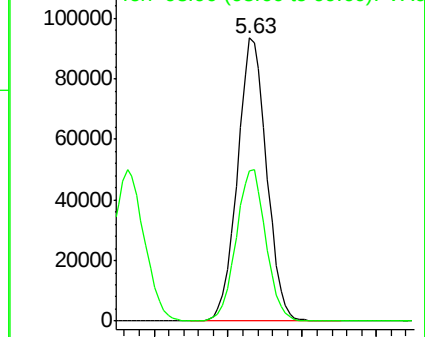
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.493 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016312.D

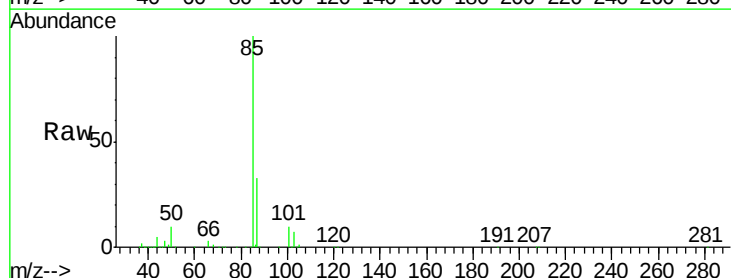
Acq: 18 May 2020 20:42

Tgt Ion: 85 Resp: 131799

Ion Ratio Lower Upper

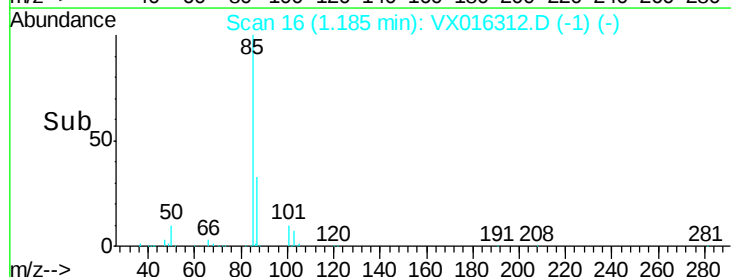
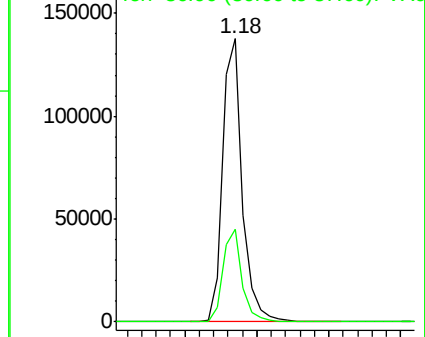
85 100

87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.976 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 50 Resp: 135651

Ion Ratio Lower Upper

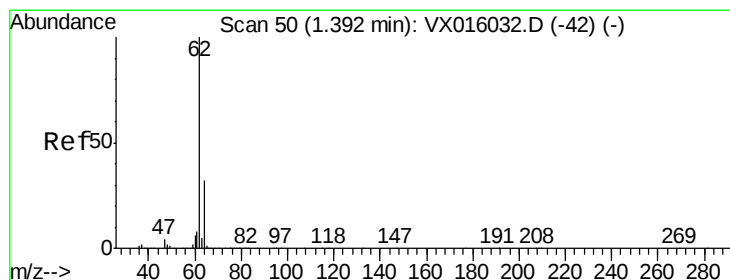
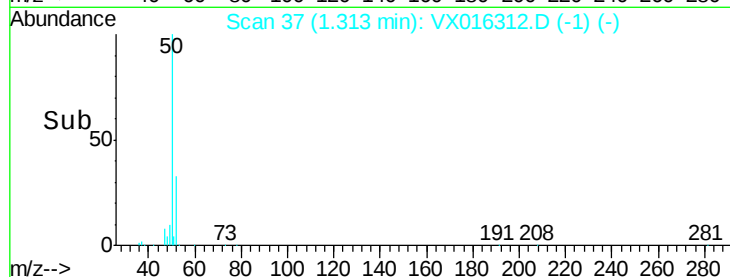
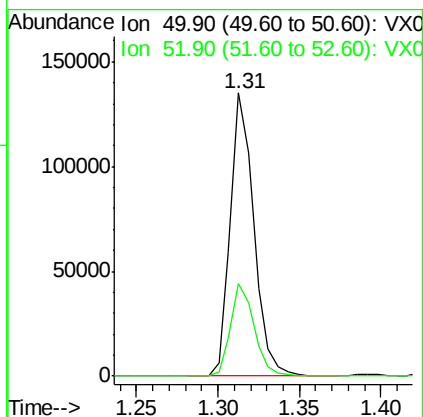
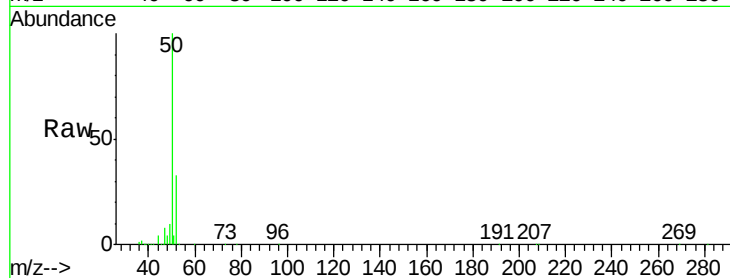
50 100

52 32.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.637 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016312.D

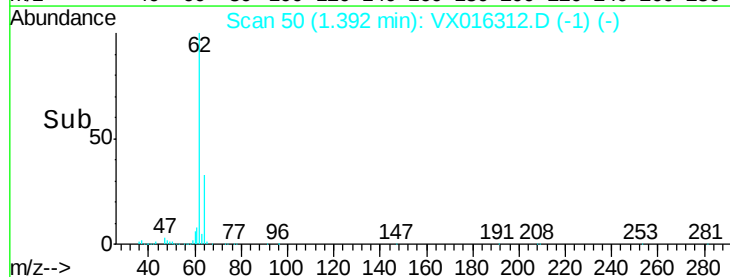
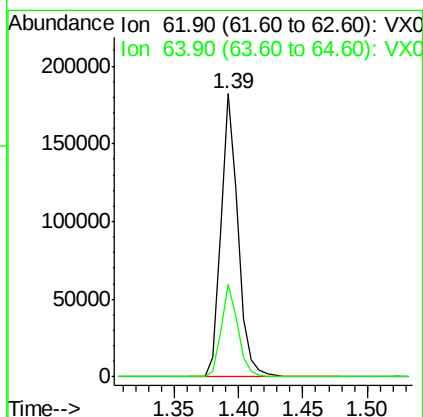
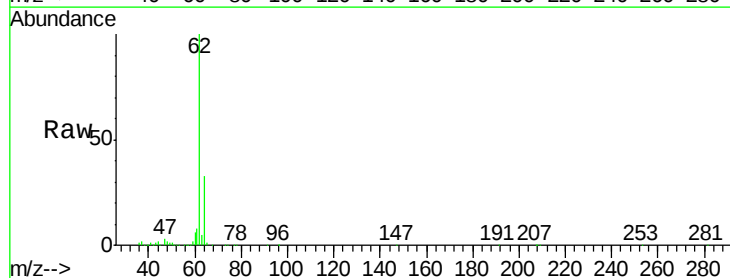
Acq: 18 May 2020 20:42

Tgt Ion: 62 Resp: 170522

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 35.517 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 94 Resp: 60299

Ion Ratio Lower Upper

94 100

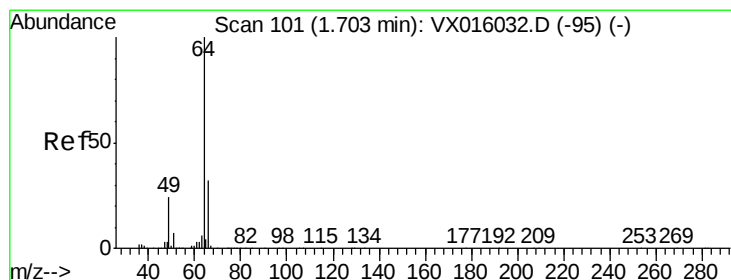
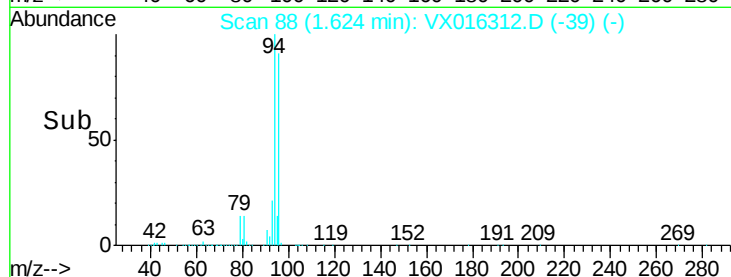
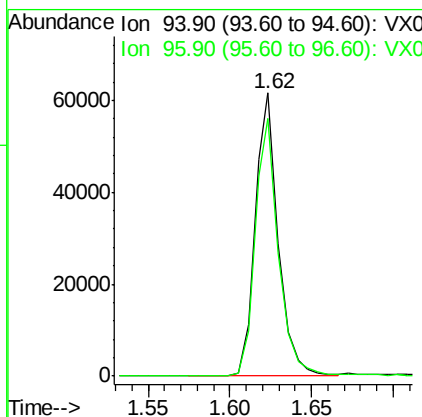
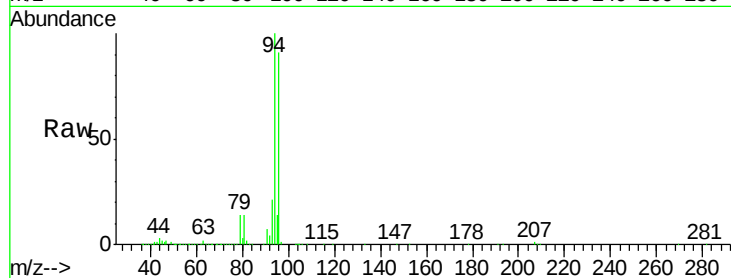
96 90.9 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 47.479 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016312.D

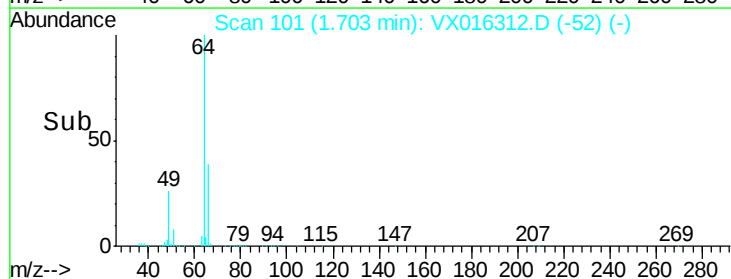
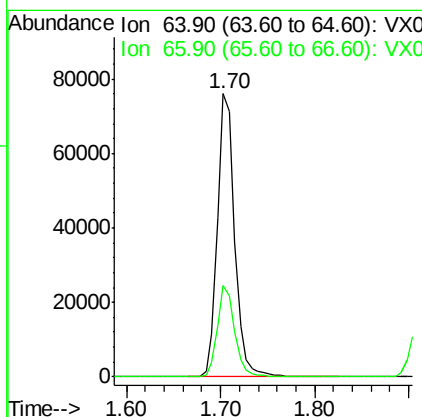
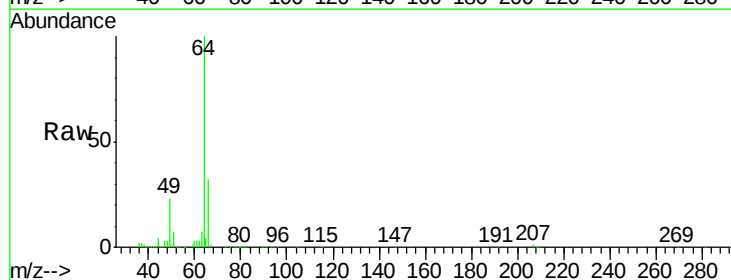
Acq: 18 May 2020 20:42

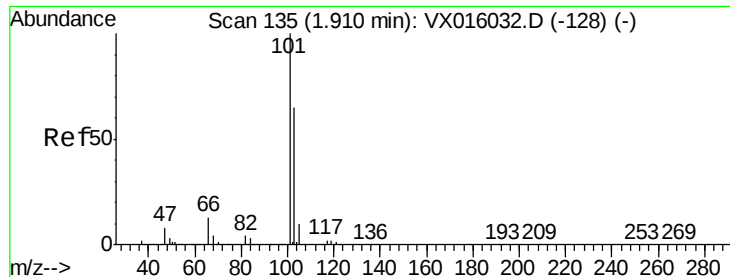
Tgt Ion: 64 Resp: 97285

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8





#7

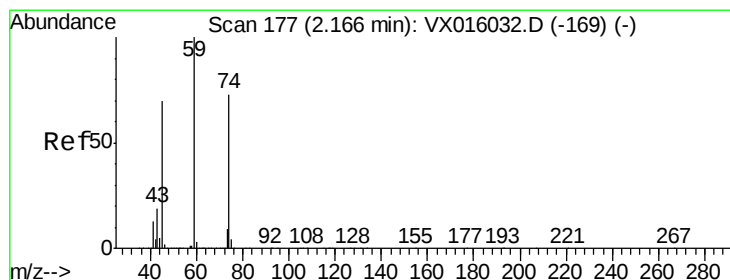
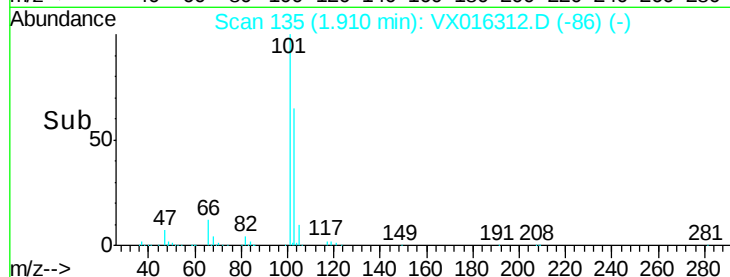
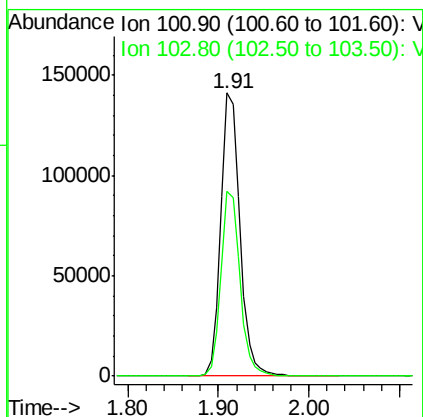
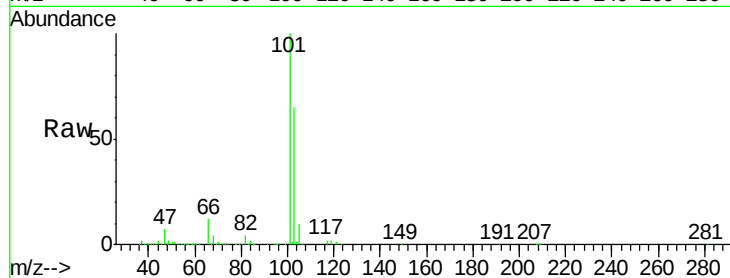
Trichlorofluoromethane
Concen: 47.279 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.6

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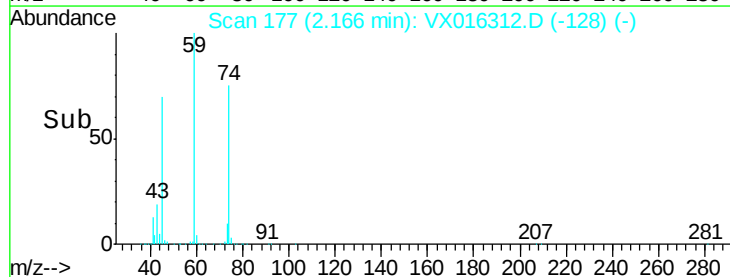
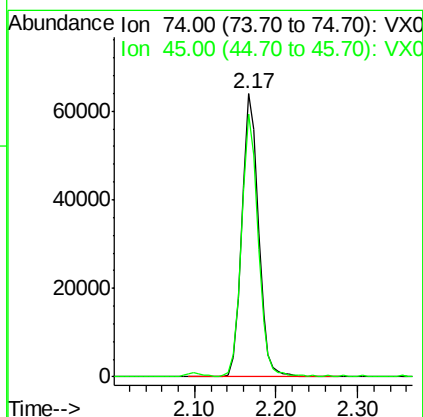
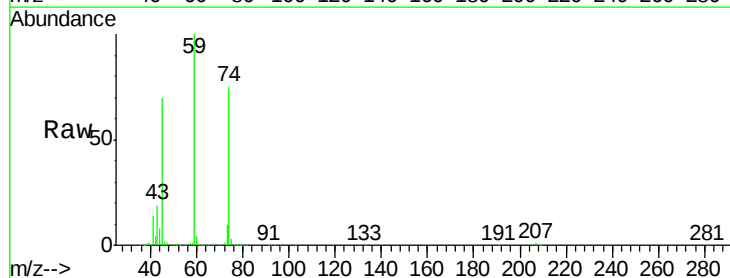
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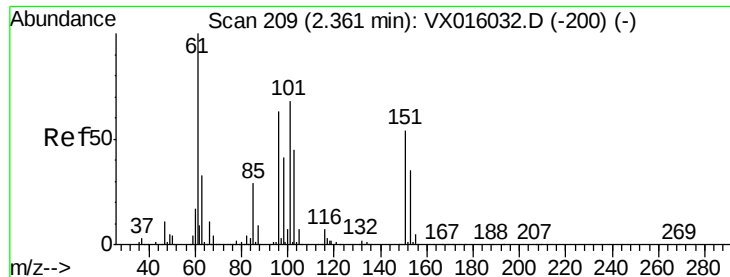


#8

Diethyl Ether
Concen: 47.784 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.015 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

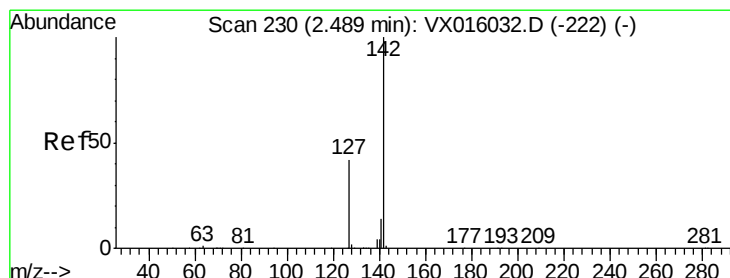
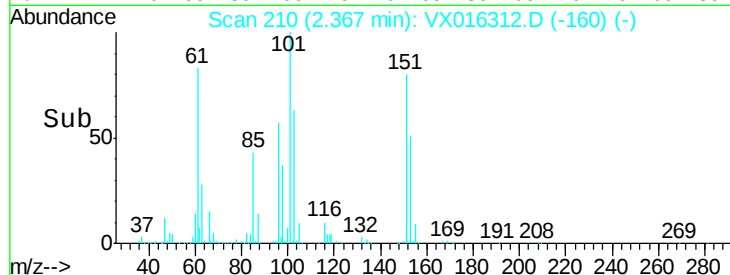
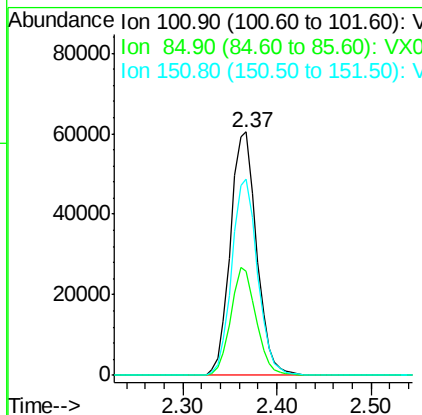
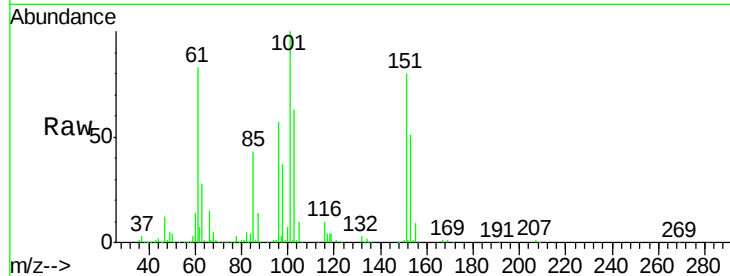
ClientSampleId :

WP021MW173-200514MS

Tot Ion:	101	Resp:	117370
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.2	51.4
151	79.5	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 23.638 ug/l

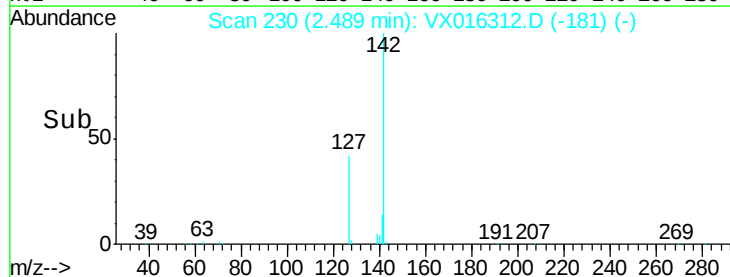
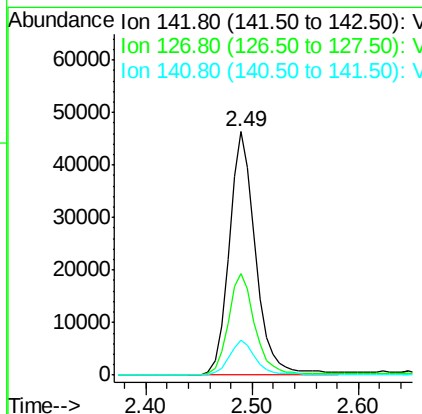
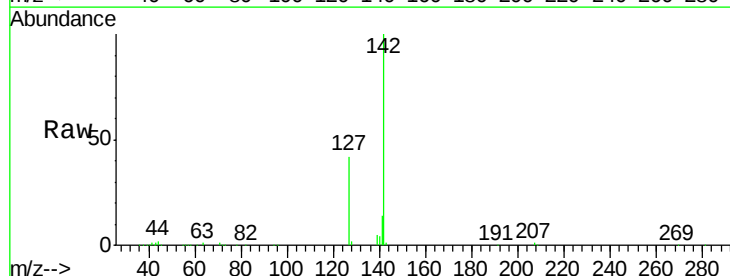
RT: 2.49 min Scan# 230

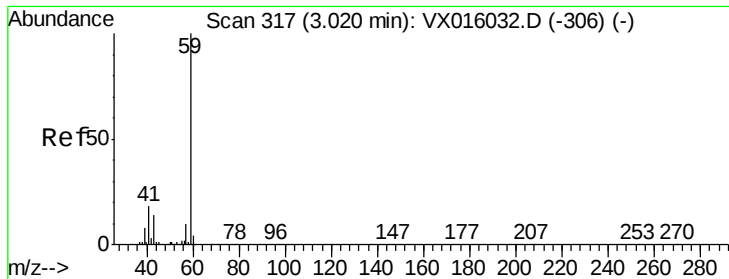
Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion:	142	Resp:	80988
Ion Ratio	Lower	Upper	
142	100		
127	41.7	34.6	52.0
141	14.5	11.3	16.9





#11

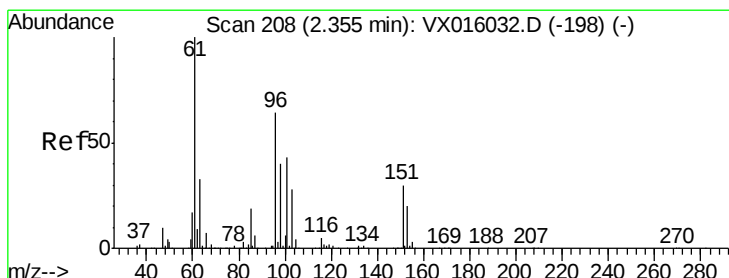
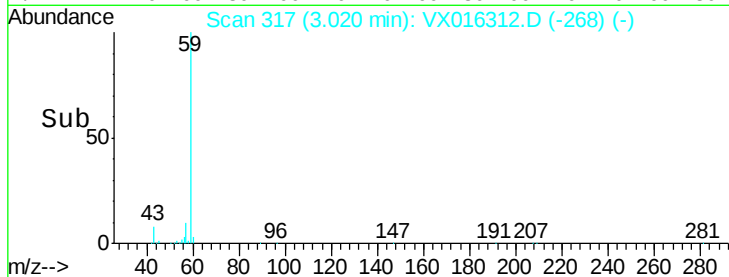
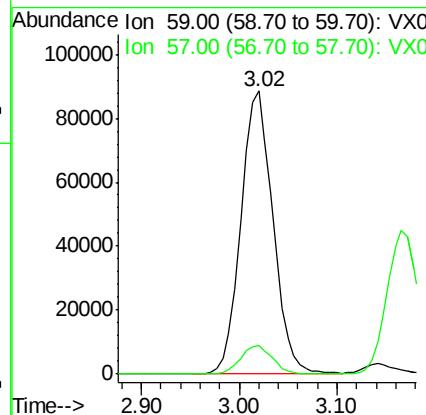
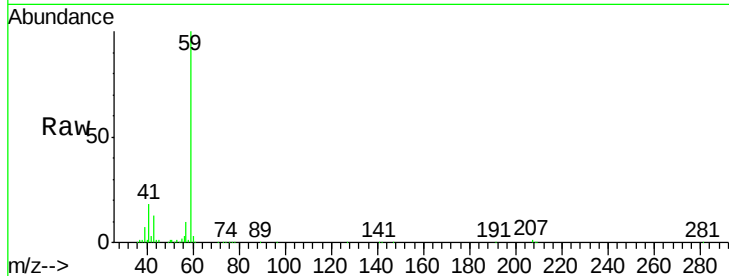
Tert butyl alcohol
 Concen: 235.735 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.2	8.2	12.4

Manual Integrations
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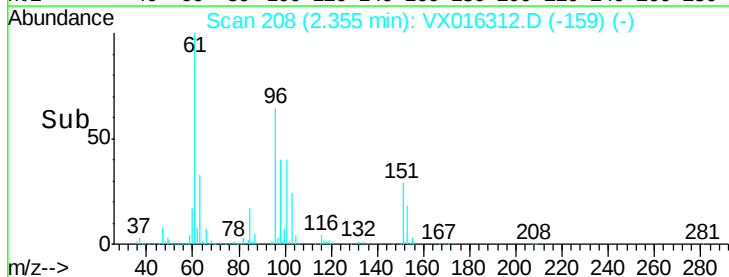
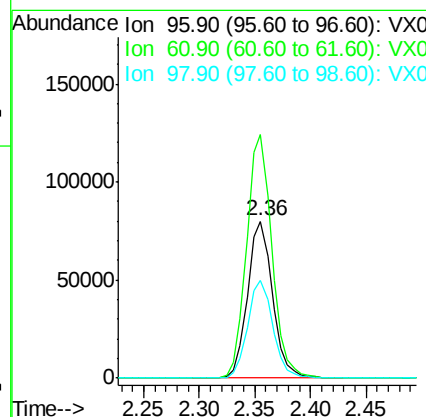
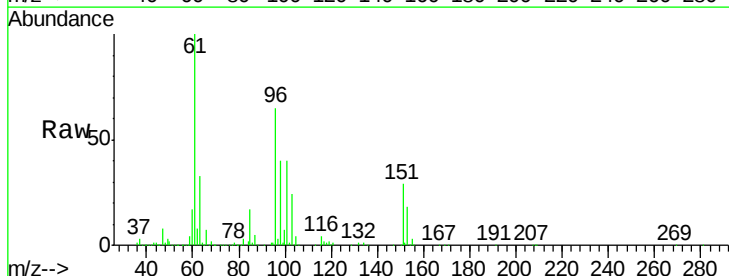
MMDadoda
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#12

1,1-Dichloroethene
 Concen: 46.507 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	155.1	124.8	187.2
98	98	61.9	49.7	74.5





#13

Acrolein

Concen: 298.874 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 56 Resp: 159802

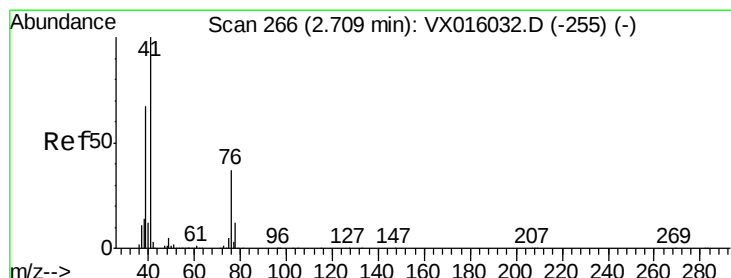
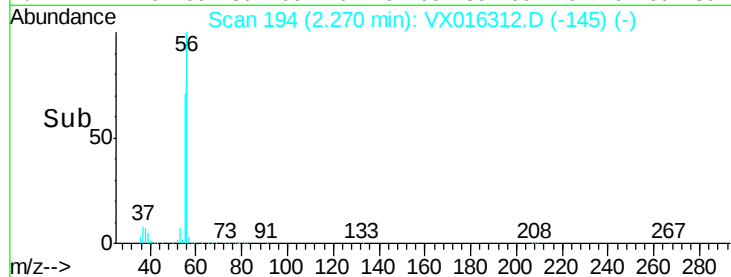
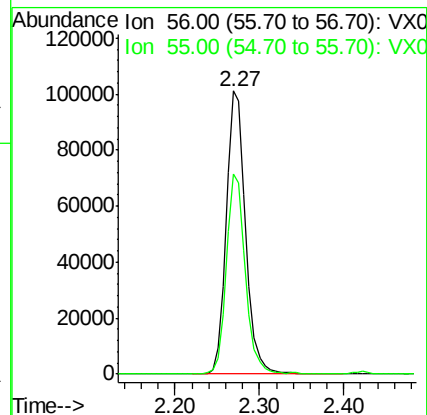
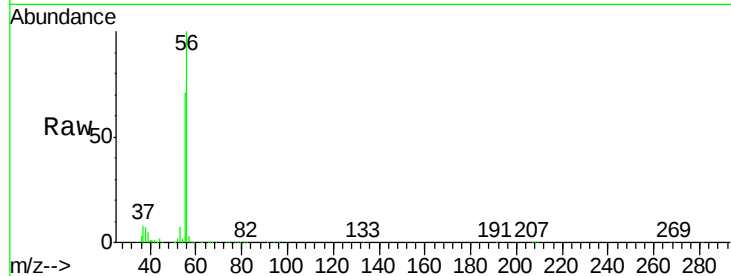
Ion Ratio Lower Upper

56 100

55 69.1 56.5 84.7

Manual Integrations
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#14

Allyl chloride

Concen: 45.294 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

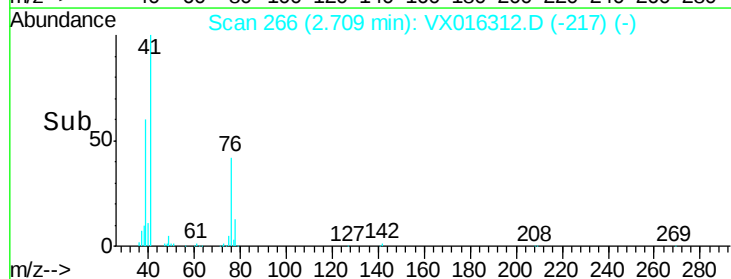
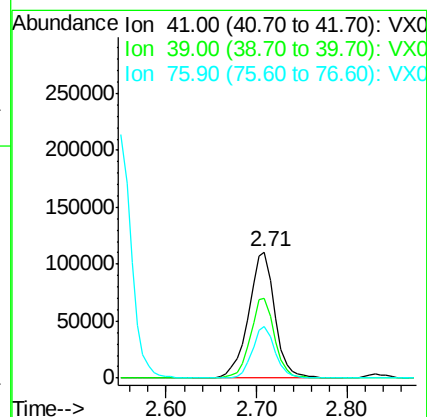
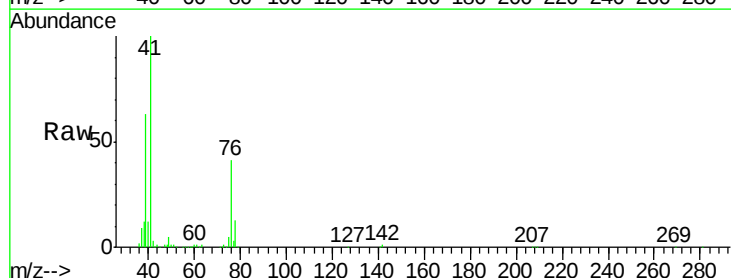
Tgt Ion: 41 Resp: 221676

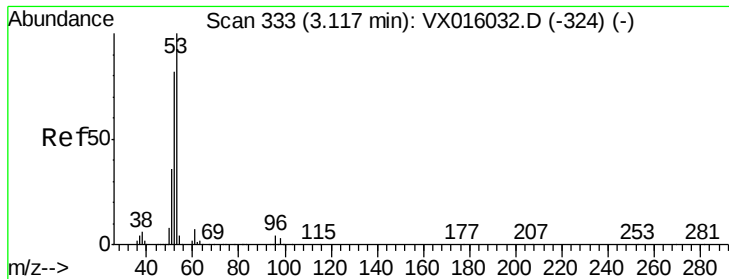
Ion Ratio Lower Upper

41 100

39 58.5 50.5 75.7

76 35.7 26.6 40.0





#15

Acrylonitrile

Concen: 253.783 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

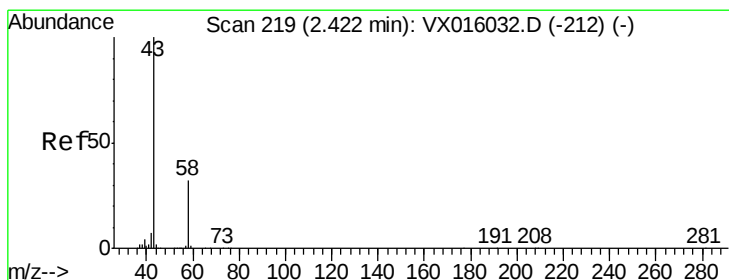
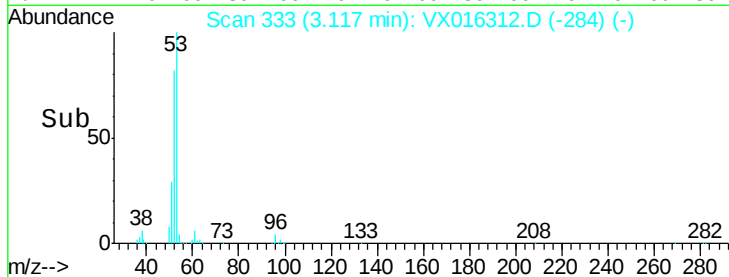
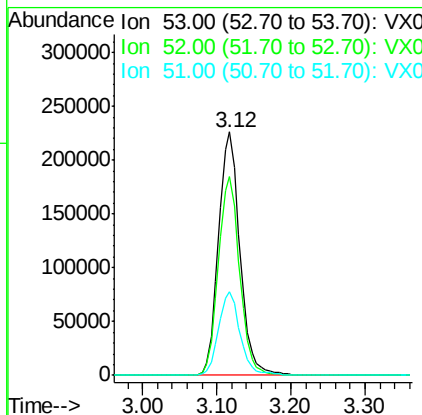
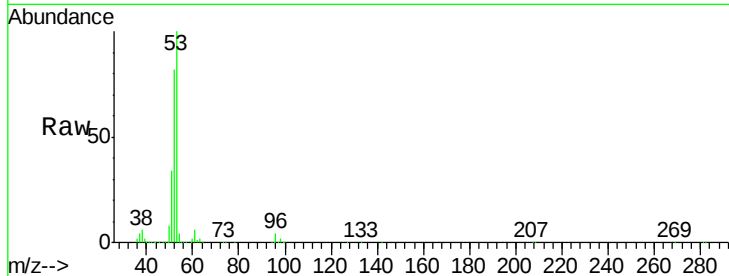
ClientSampleId :

WP021MW173-200514MS

Tot Ion:	53	Resp:	449842
Ion Ratio	Lower	Upper	
53	100		
52	81.3	66.1	99.1
51	34.6	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 230.328 ug/l

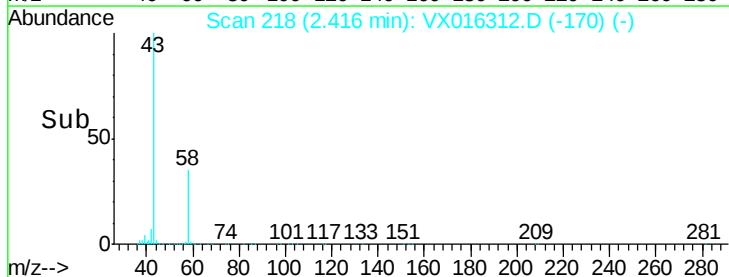
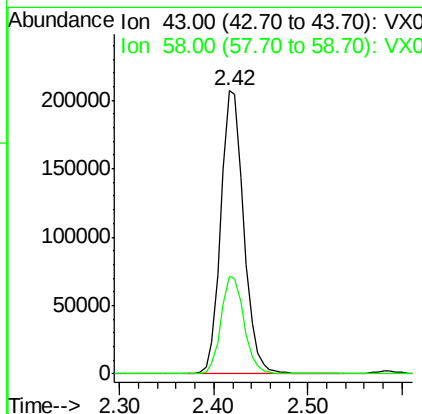
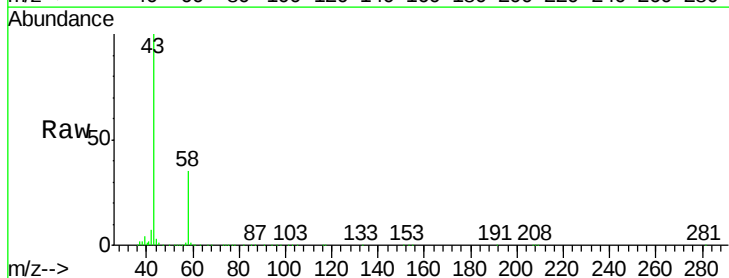
RT: 2.42 min Scan# 218

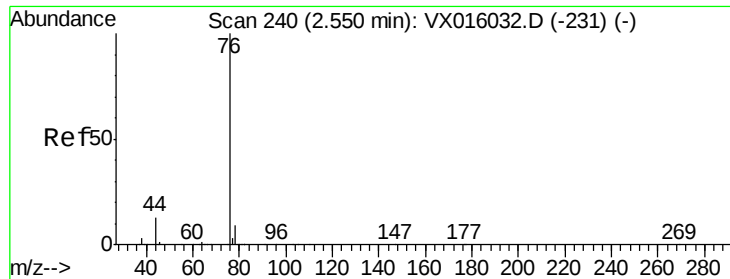
Delta R.T. -0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion:	43	Resp:	347252
Ion Ratio	Lower	Upper	
43	100		
58	34.6	25.4	38.0





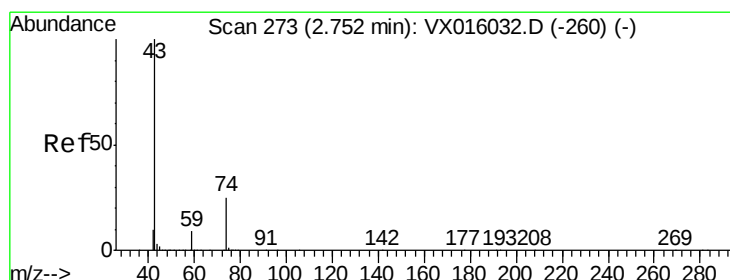
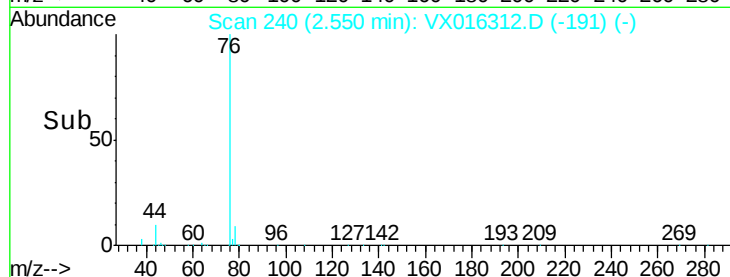
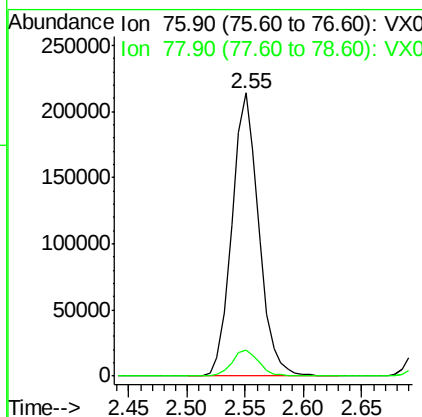
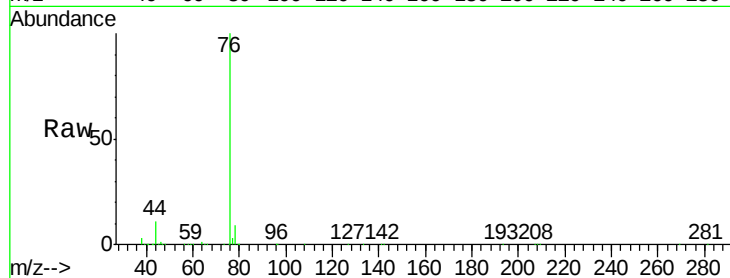
#17
Carbon Disulfide
Concen: 42.901 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

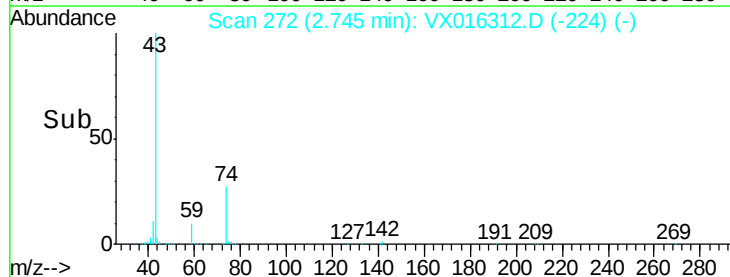
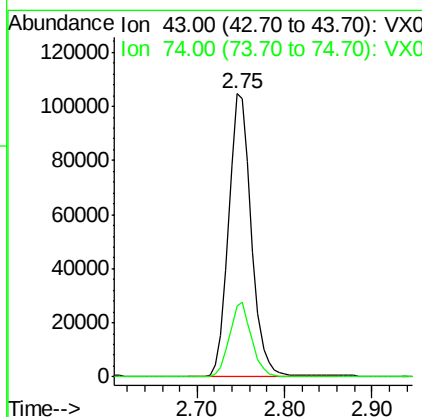
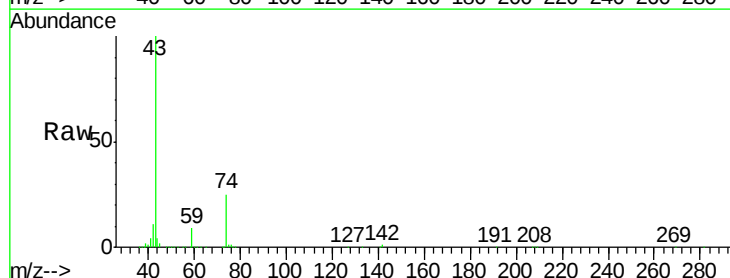
Manual Integrations
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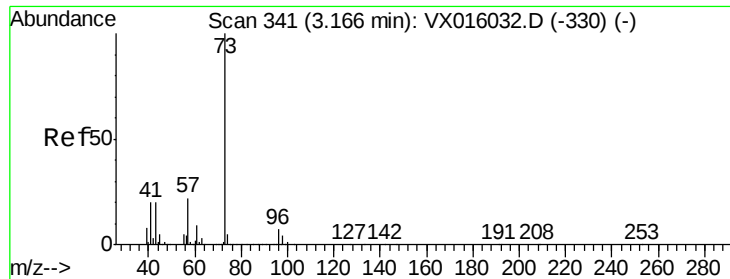
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#18
Methyl Acetate
Concen: 51.208 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.2	30.2





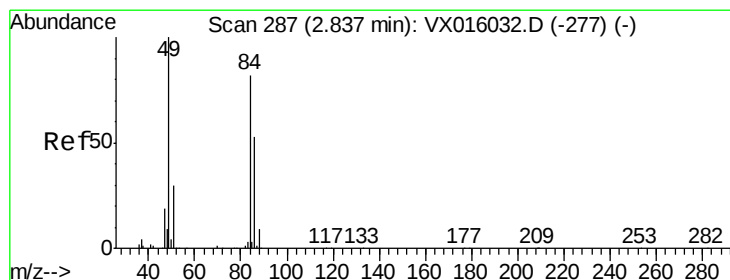
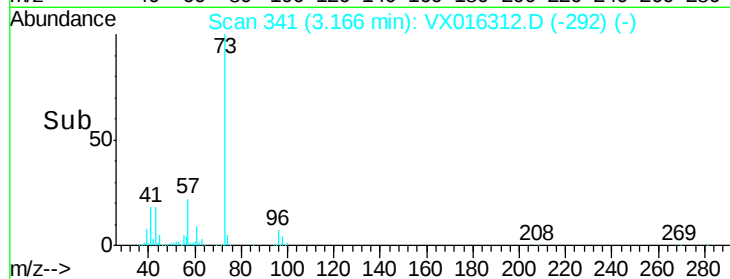
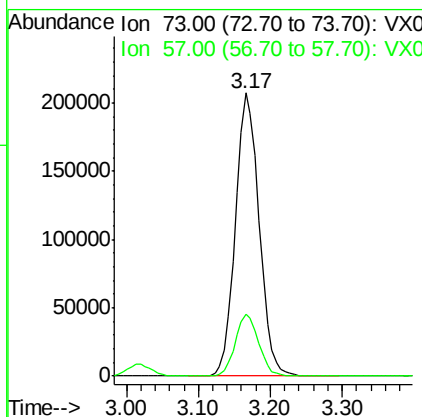
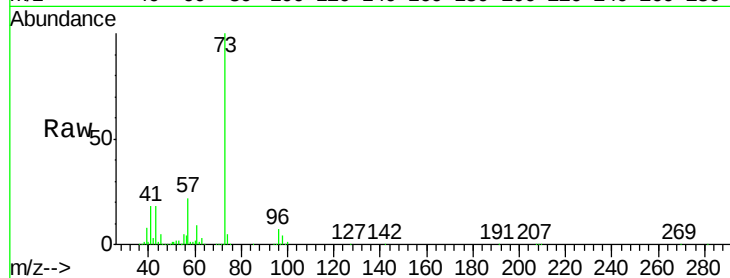
#19
Methvl tert-butvl Ether
Concen: 51.412 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	73	Resp	473076
Ion Ratio	100	Lower	Upper
73	100		
57	21.7	17.8	26.6

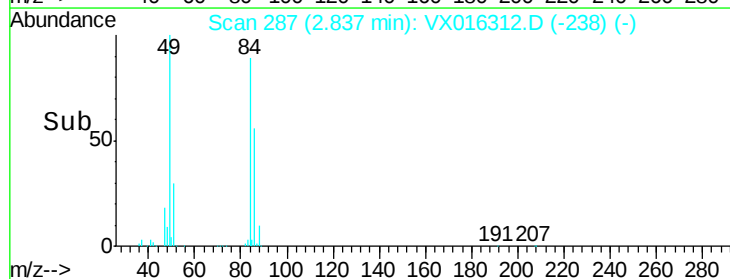
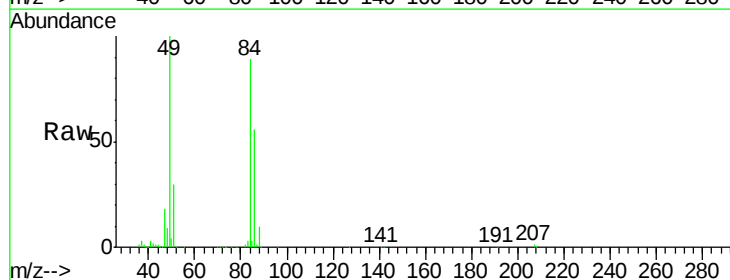
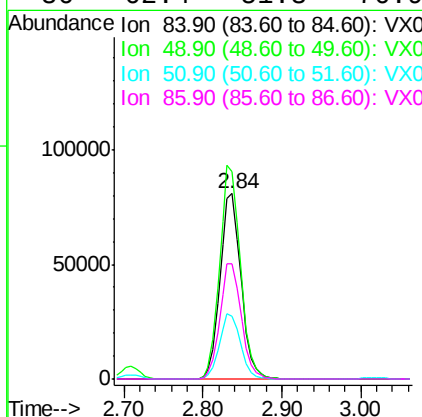
Manual Integrations
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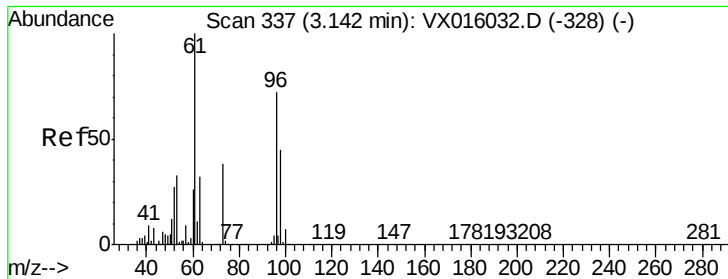
MMDadoda
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#20
Methylene Chloride
Concen: 48.187 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	84	Resp	149765
Ion Ratio	100	Lower	Upper
84	100		
49	112.2	97.3	145.9
51	34.1	29.3	43.9
86	62.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.841 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

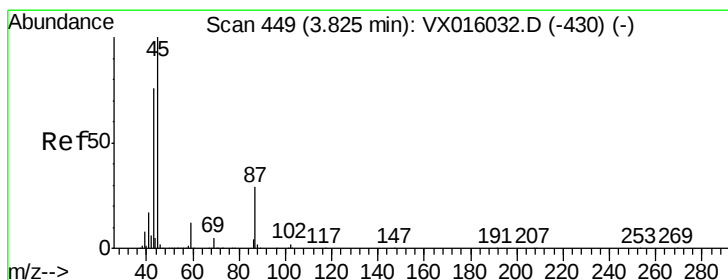
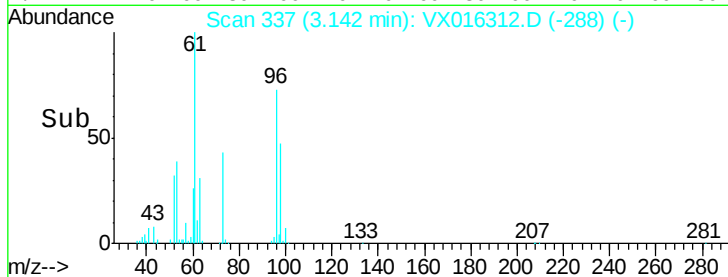
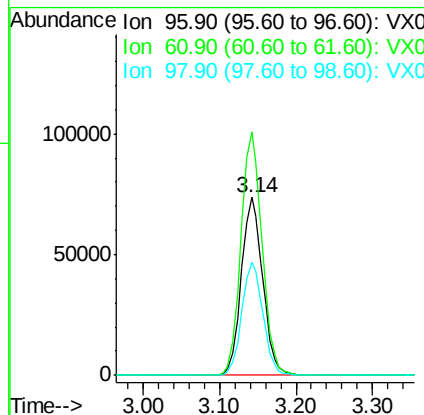
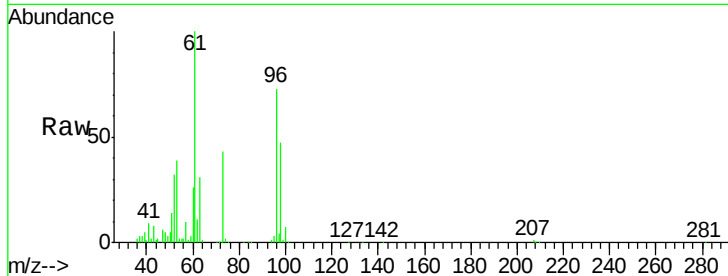
ClientSampleId :

WP021MW173-200514MS

Tot Ion:	96	Resp:	142302
Ion Ratio	Lower	Upper	
96	100		
61	136.6	111.2	166.8
98	63.6	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.155 ug/l

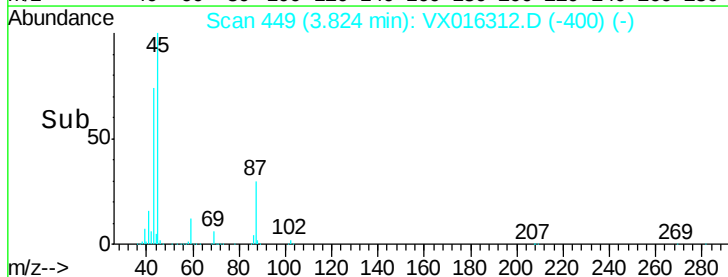
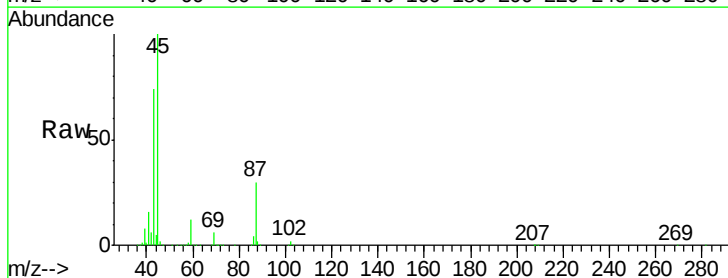
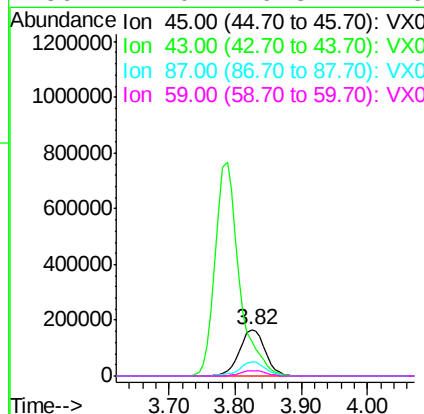
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion:	45	Resp:	453854
Ion Ratio	Lower	Upper	
45	100		
43	74.2	61.1	91.7
87	30.2	23.0	34.6
59	12.0	9.8	14.6





#23

Vinyl Acetate

Concen: 237.959 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 43 Resp: 1932978

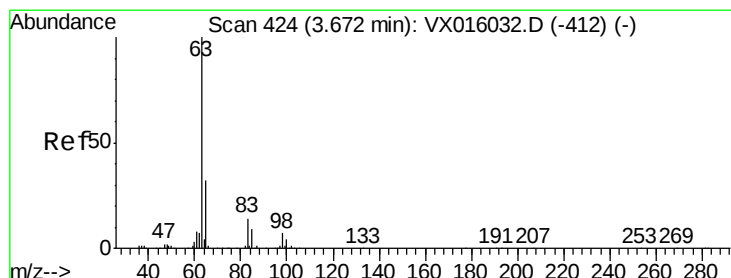
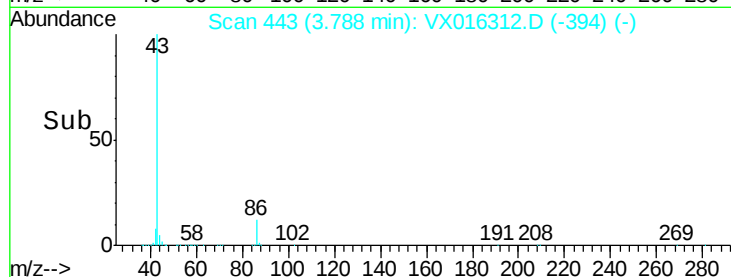
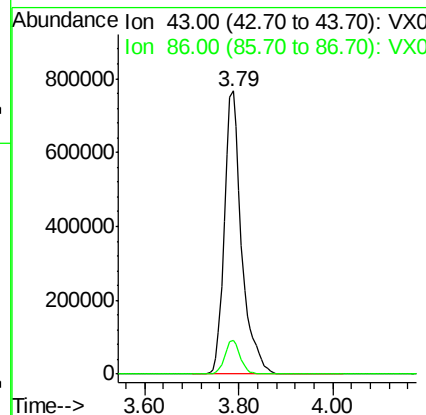
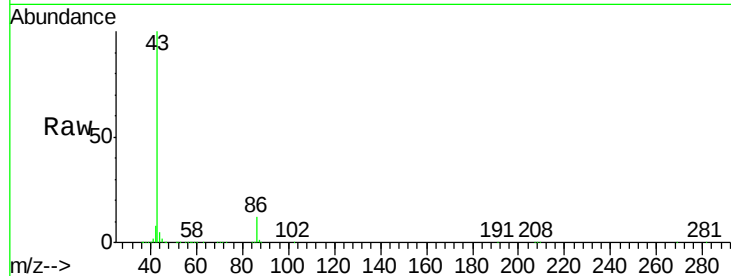
Ion Ratio Lower Upper

43 100

86 11.9 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 49.816 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

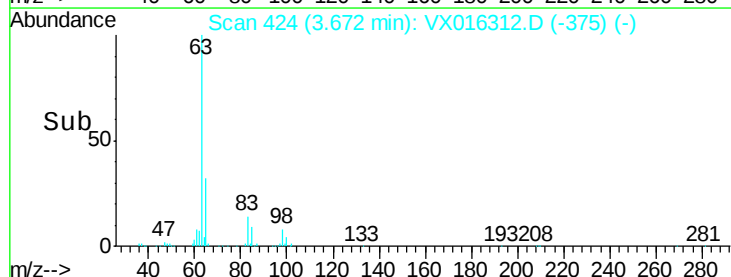
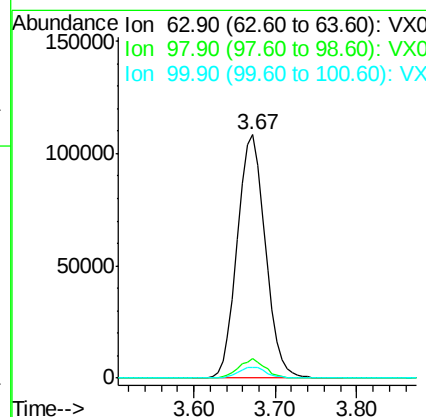
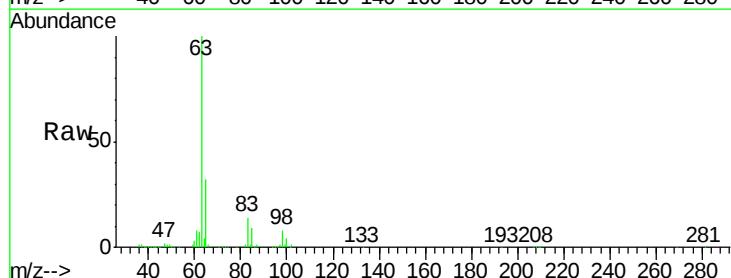
Tgt Ion: 63 Resp: 257301

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.5

100 4.4 2.1 6.5





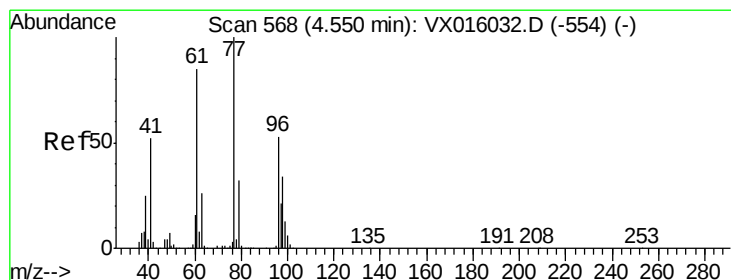
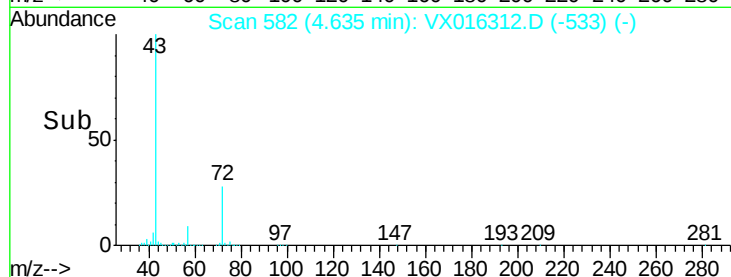
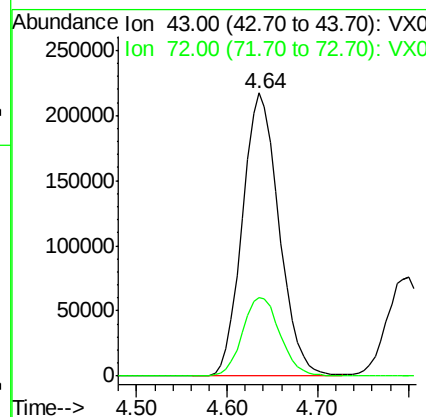
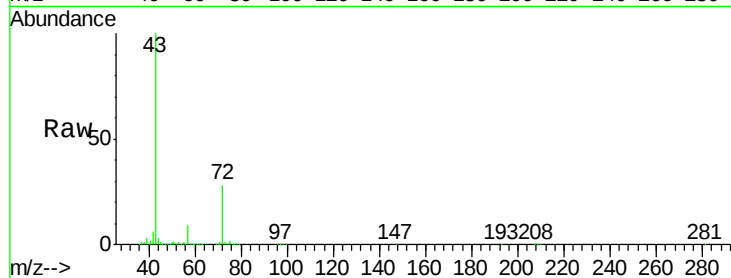
#25
2-Butanone
Concen: 249.357 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion: 43 Resp: 605794
Ion Ratio Lower Upper
43 100
72 27.6 21.8 32.8

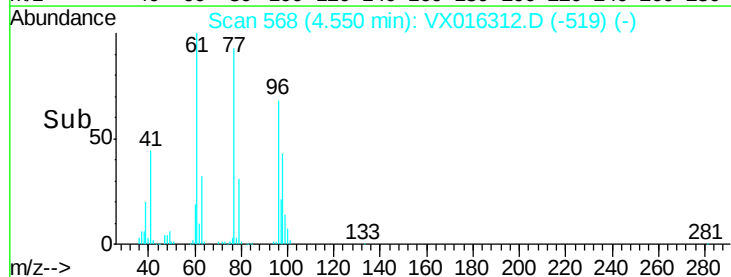
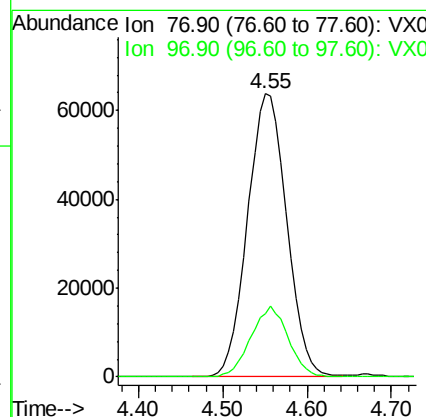
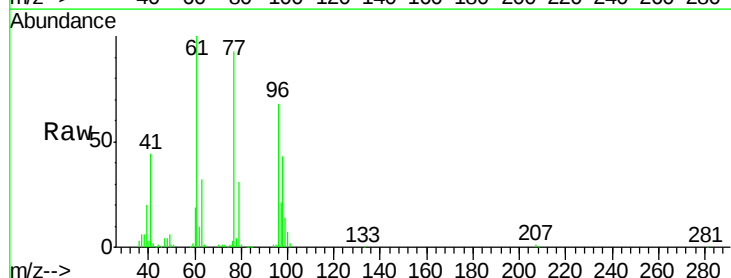
Manual Integrations
APPROVED

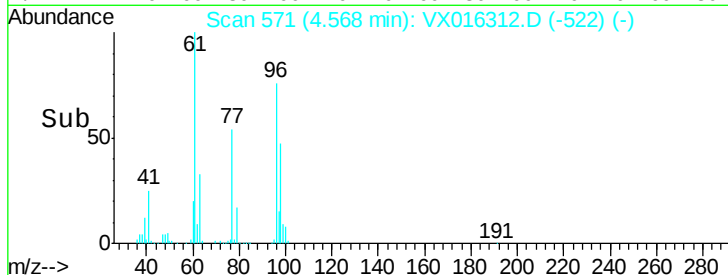
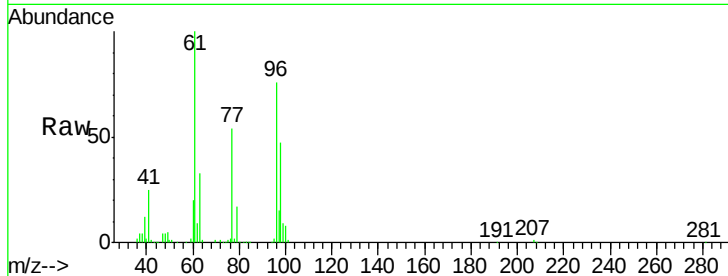
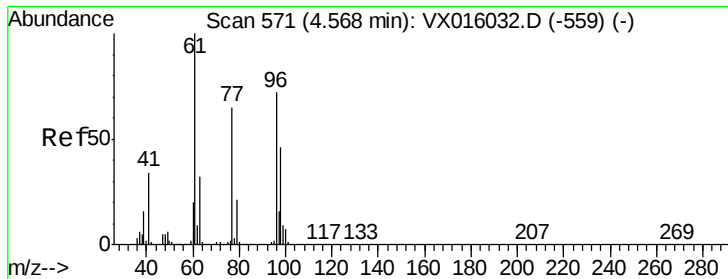
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#26
2,2-Dichloropropane
Concen: 42.958 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion: 77 Resp: 202629
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27

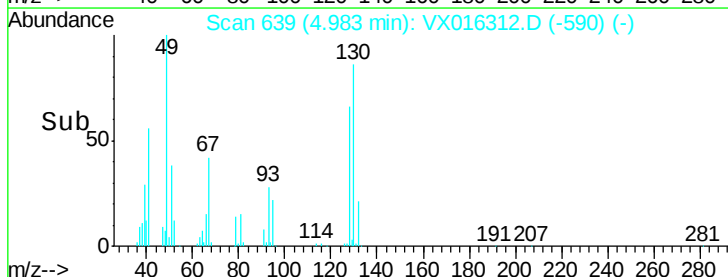
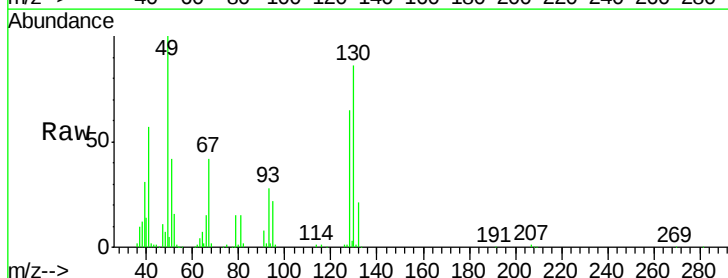
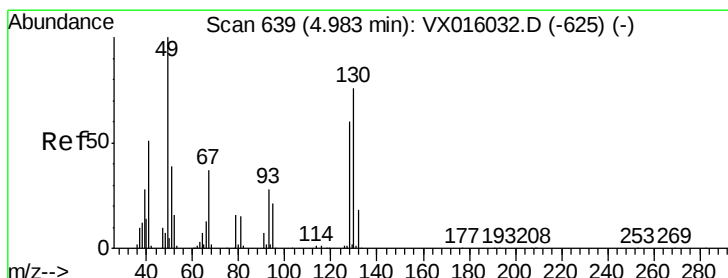
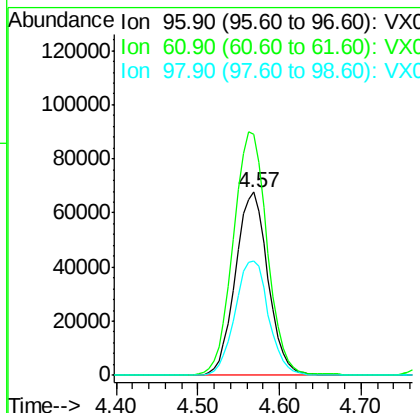
cis-1,2-Dichloroethene
Concen: 57.690 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tot Ion	Ratio	Resp	Lower	Upper
96	100	187599		
61	138.7	0.0	296.2	
98	64.5	0.0	129.4	

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Manual Integrations
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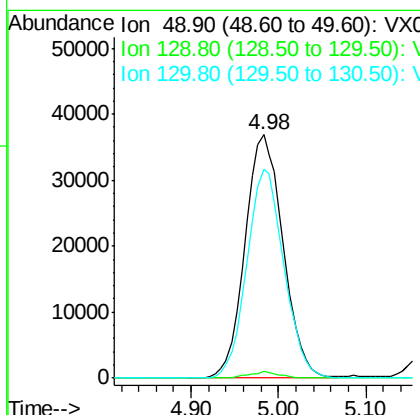
MMDadoda
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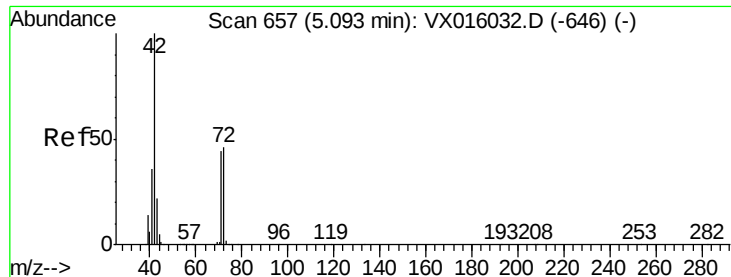


#28

Bromochloromethane
Concen: 47.289 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111372		
129	2.0	0.0	4.0	
130	83.5	62.4	93.6	





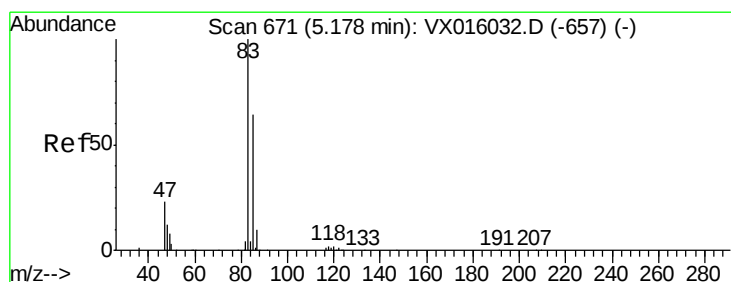
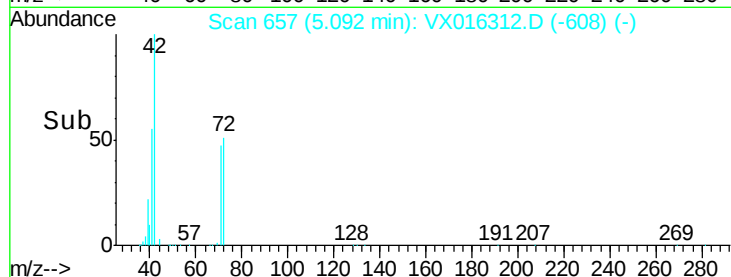
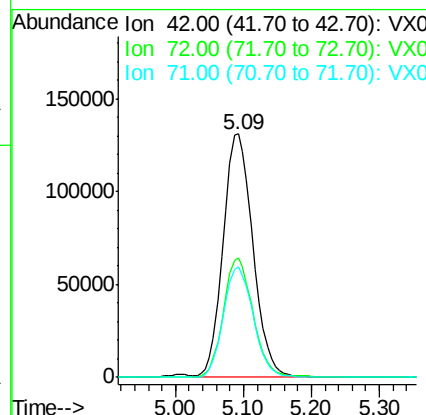
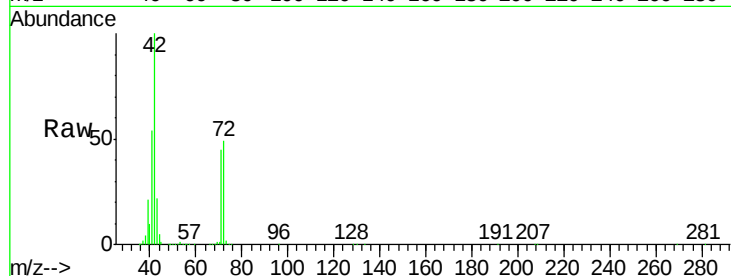
#29
Tetrahydrofuran
Concen: 246.555 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	37.1	55.7
71	45.7	34.5	51.7

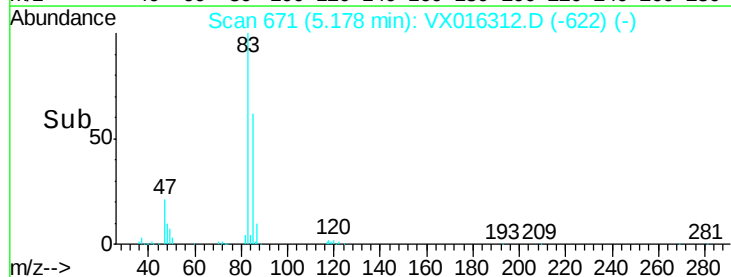
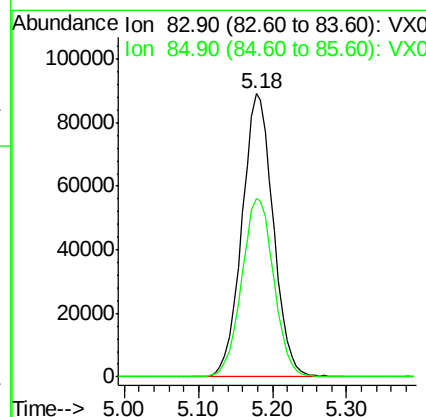
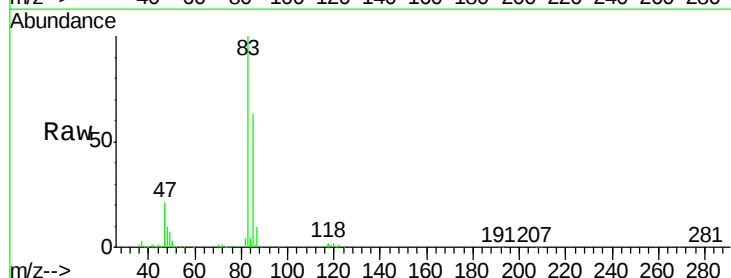
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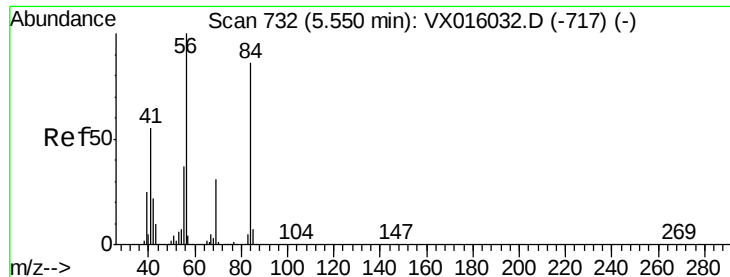
MMDadoda
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#30
Chloroform
Concen: 51.026 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.6	77.4





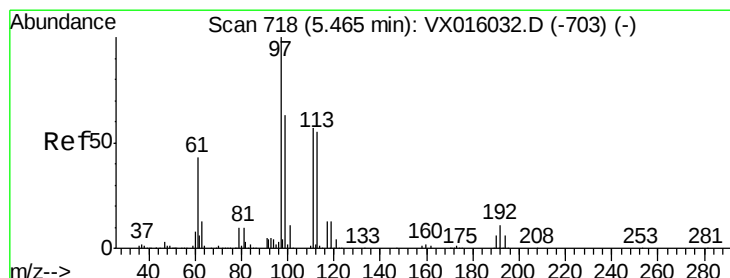
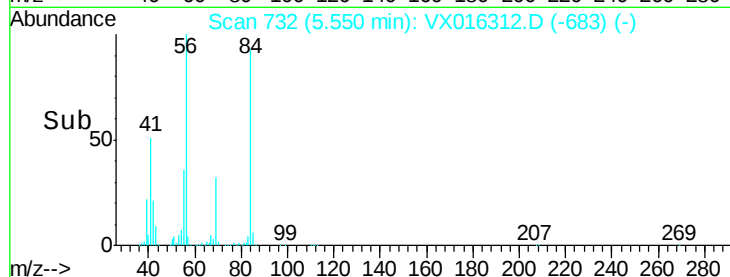
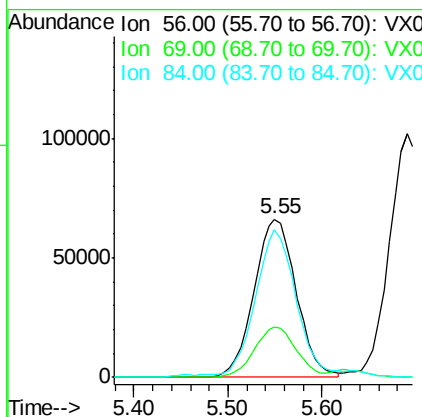
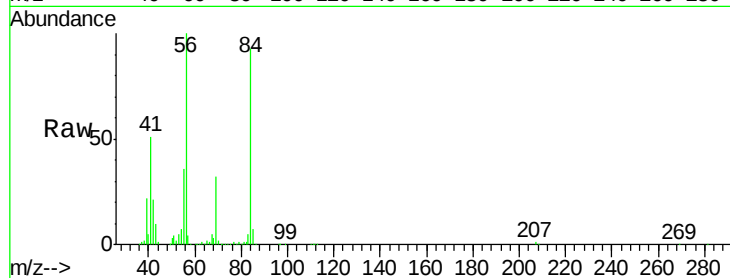
#31
Cyclohexane
Concen: 44.200 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	91.8	69.0	103.6

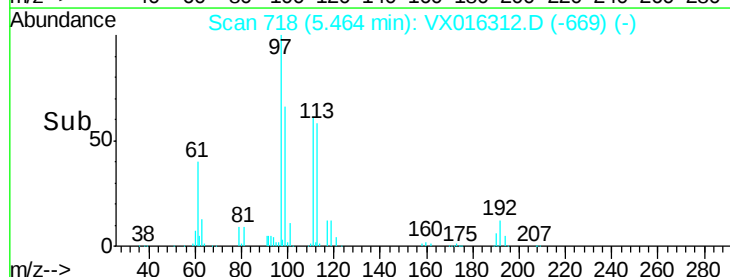
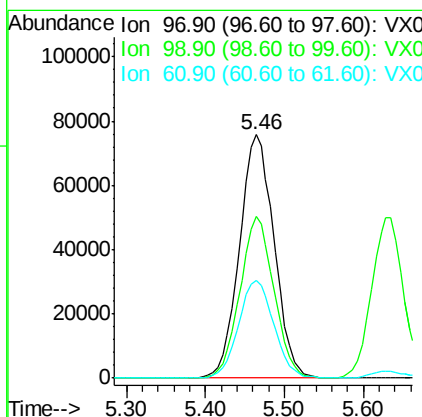
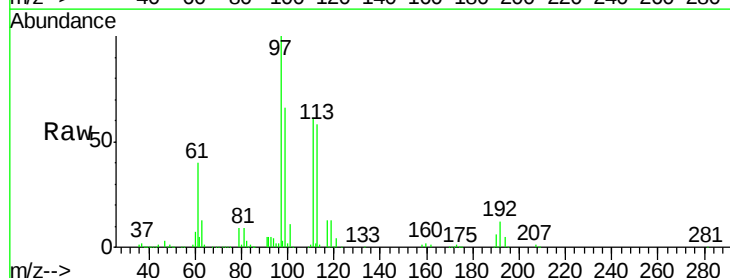
Manual Integrations
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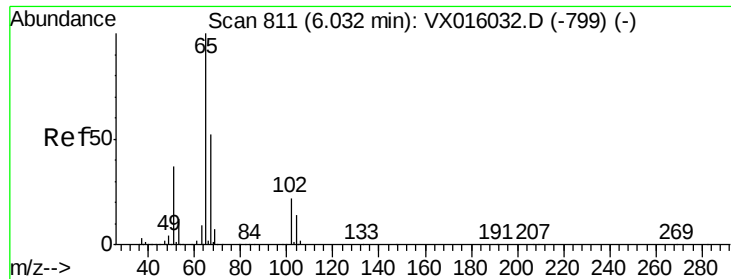
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#32
1,1,1-Trichloroethane
Concen: 49.390 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.4
61	41.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 45.794 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 65 Resp: 154733

Ion Ratio Lower Upper

65 100

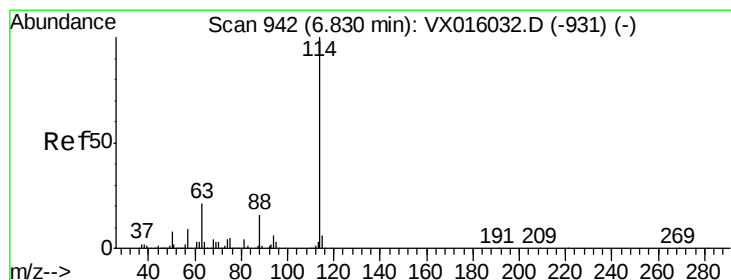
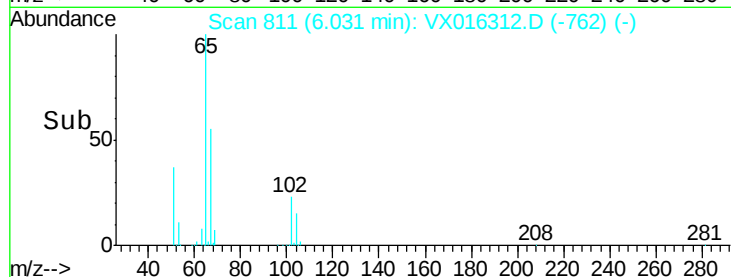
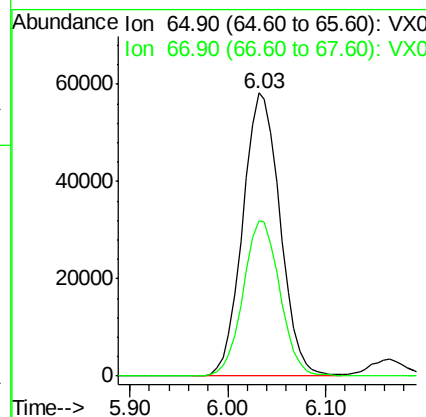
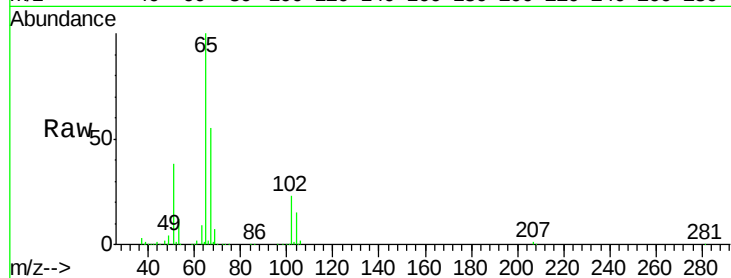
67 53.8 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

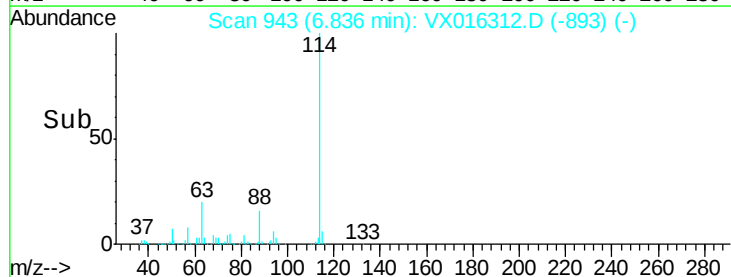
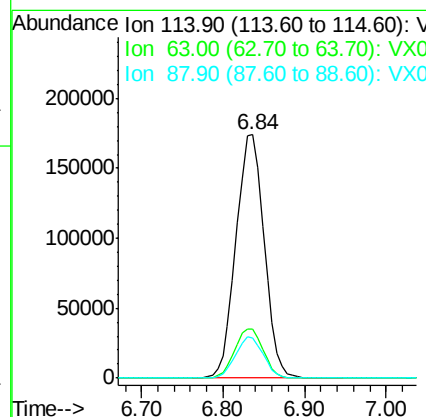
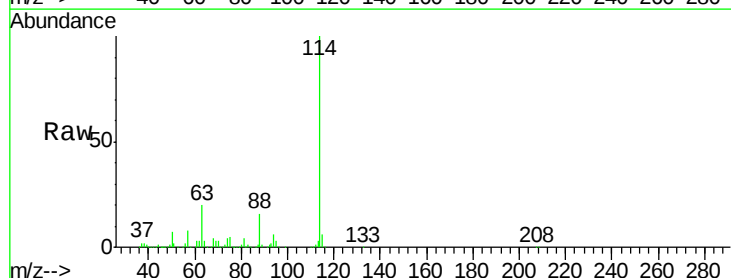
Tgt Ion: 114 Resp: 415929

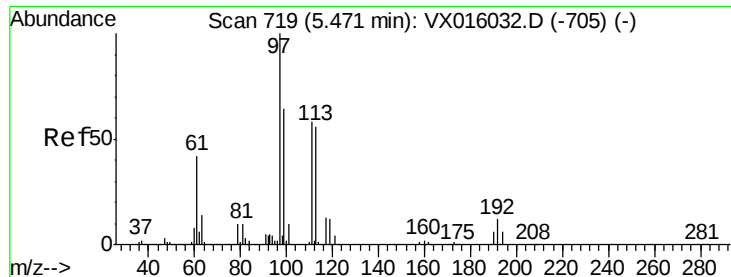
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.422 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

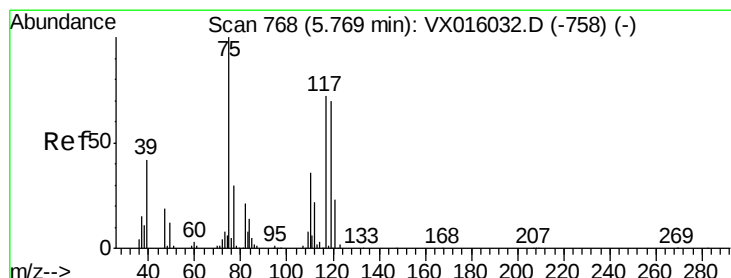
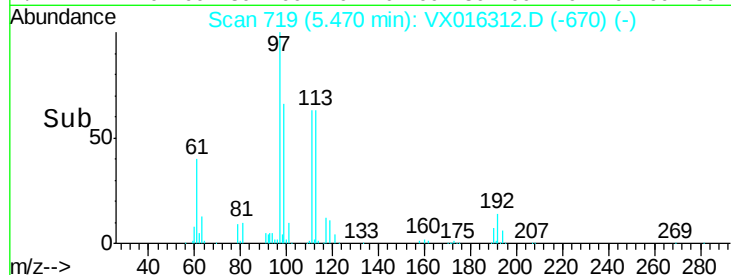
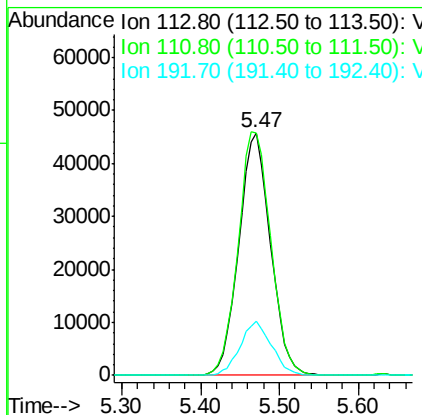
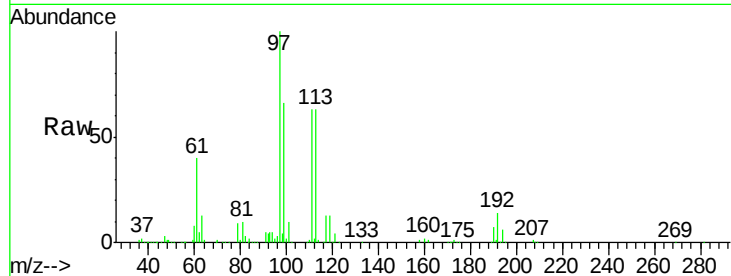
ClientSampleId :

WP021MW173-200514MS

Tot Ion:	113	Resp:	127595
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.6	122.4
192	22.1	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 46.766 ug/l

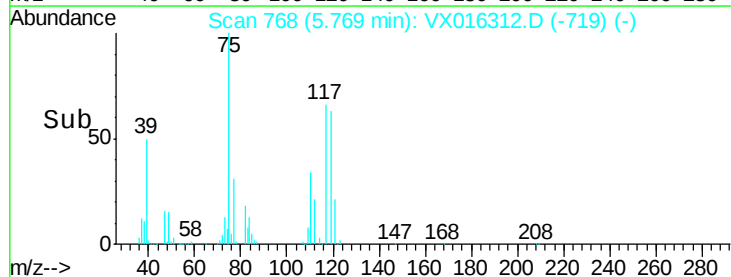
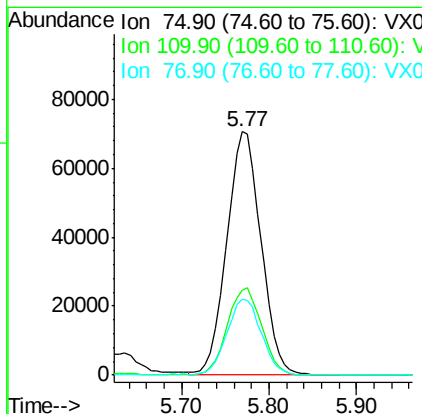
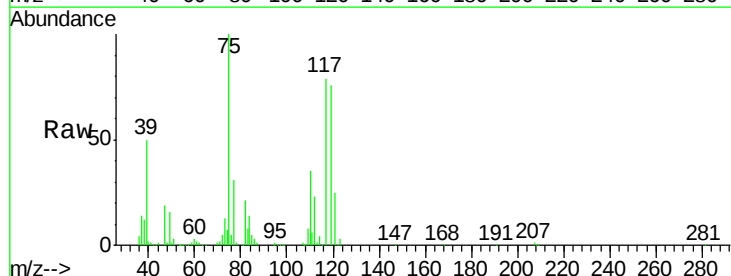
RT: 5.77 min Scan# 768

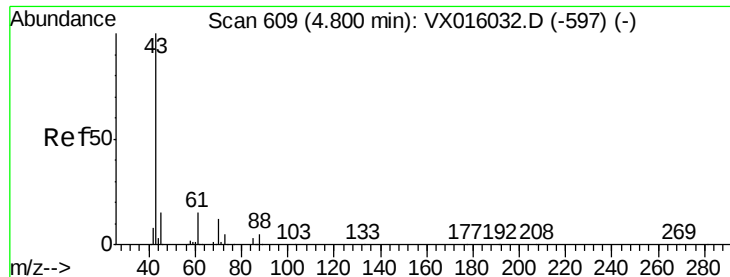
Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion:	75	Resp:	191471
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.1
77	31.6	25.0	37.6





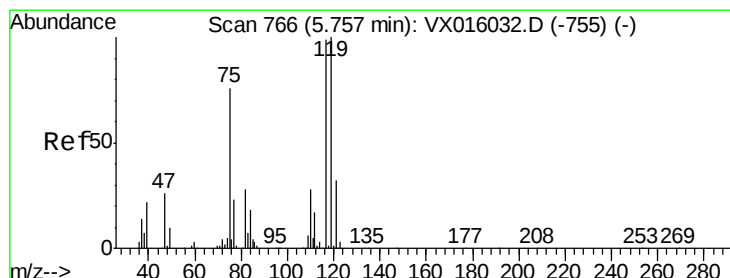
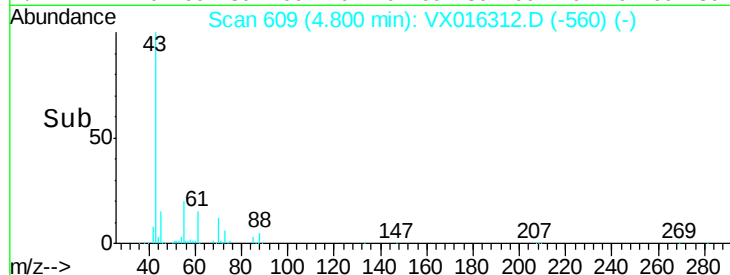
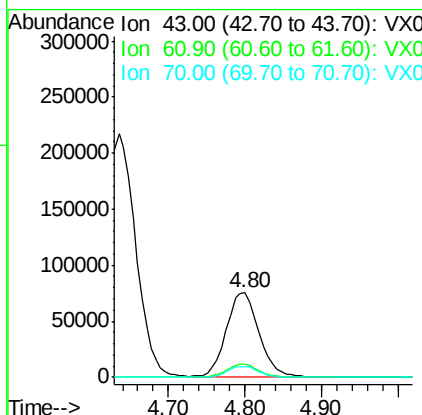
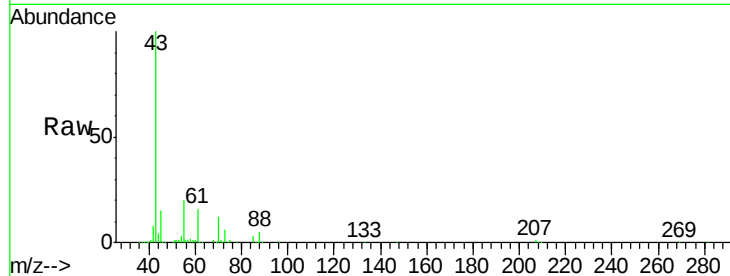
#37
Ethyl Acetate
Concen: 47.102 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	43	Resp	223515
Ion Ratio	100	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.3	9.3	13.9

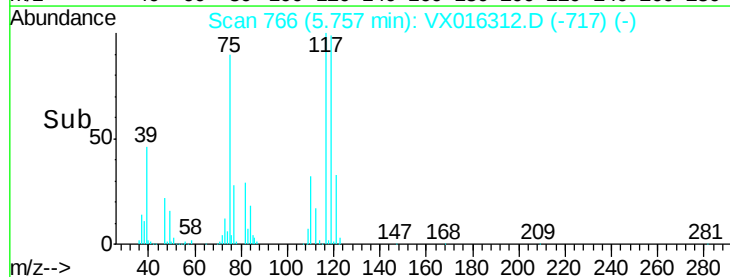
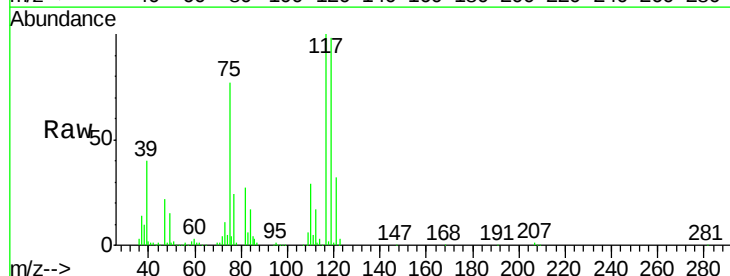
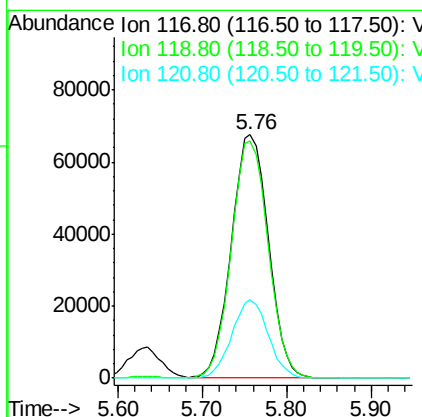
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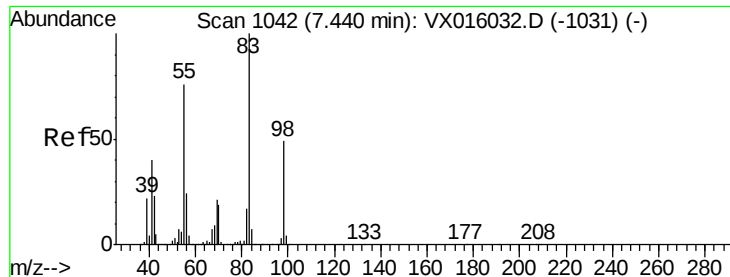
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#38
Carbon Tetrachloride
Concen: 48.452 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	117	Resp	201635
Ion Ratio	100	Lower	Upper
117	100		
119	97.6	80.3	120.5
121	32.0	25.7	38.5





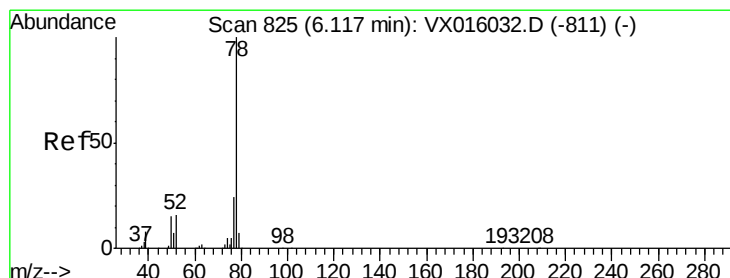
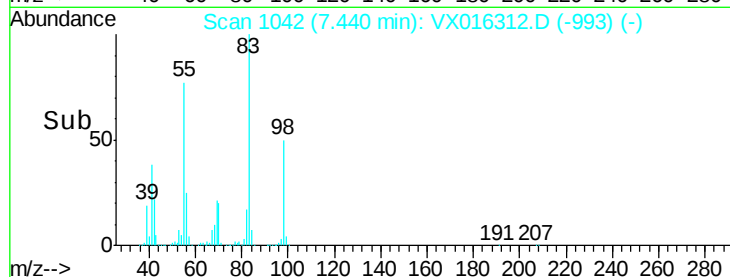
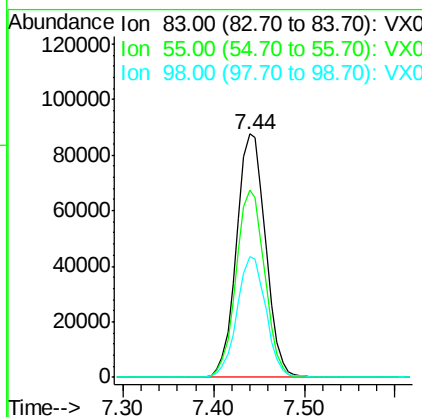
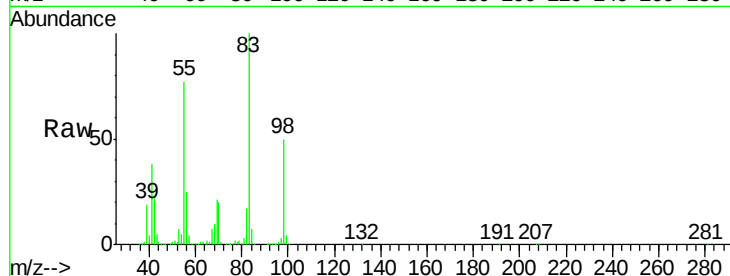
#39
Methvlcvclohexane
Concen: 39.659 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.1	91.7
98	49.5	39.0	58.4

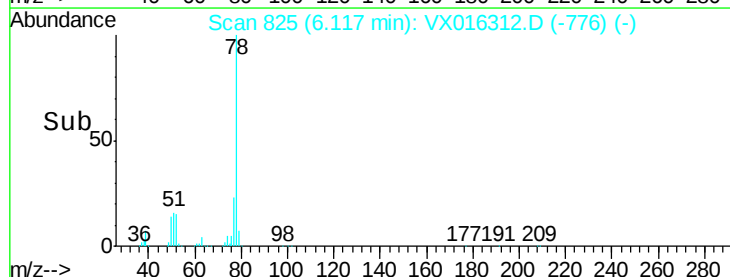
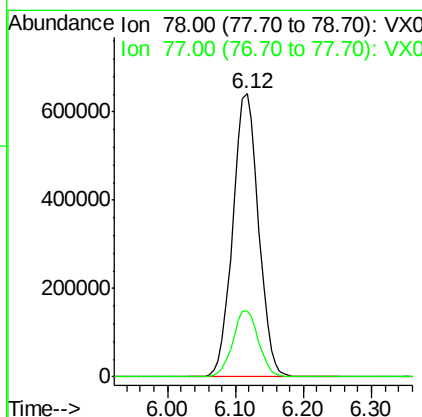
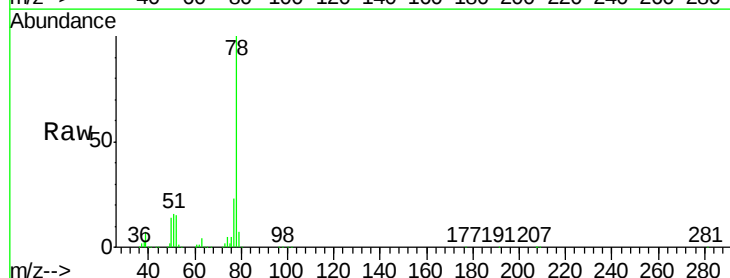
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#40
Benzene
Concen: 140.493 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





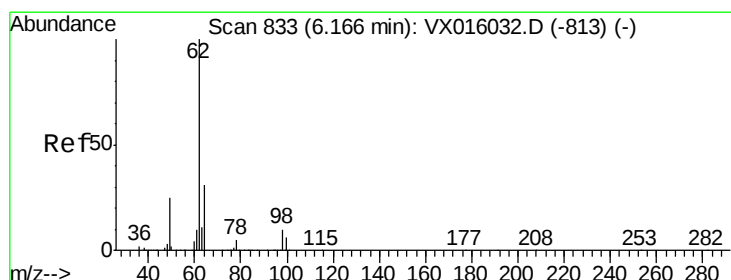
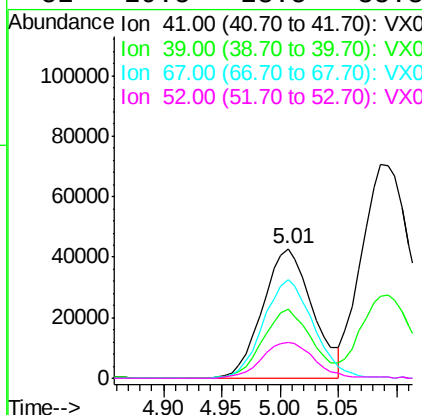
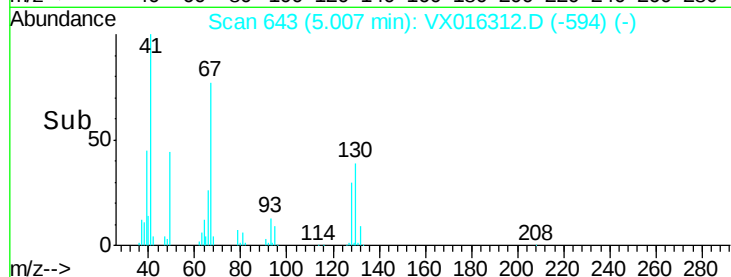
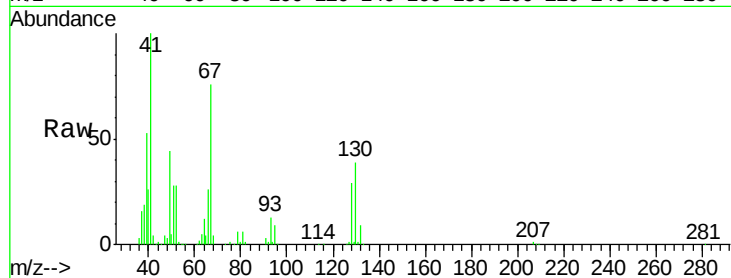
#41
Methacrylonitrile
Concen: 49.576 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	43.2	64.8	
67	76.8	59.3	88.9	
52	29.5	23.5	35.3	

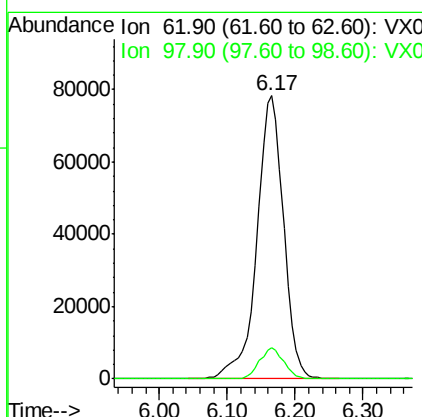
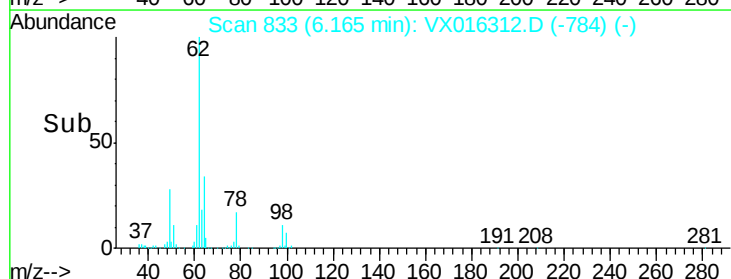
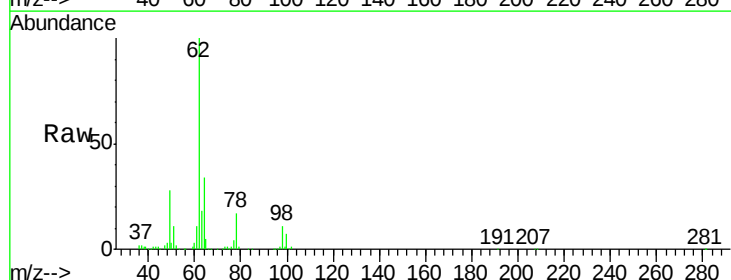
Manual Integrations
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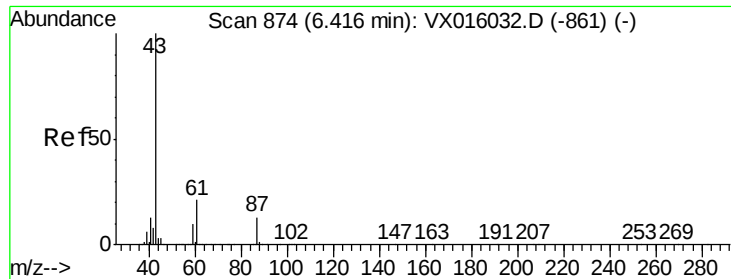
MMDadoda
5/19/2020 2:27:10 PM



#42
1,2-Dichloroethane
Concen: 49.846 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.4	





#43

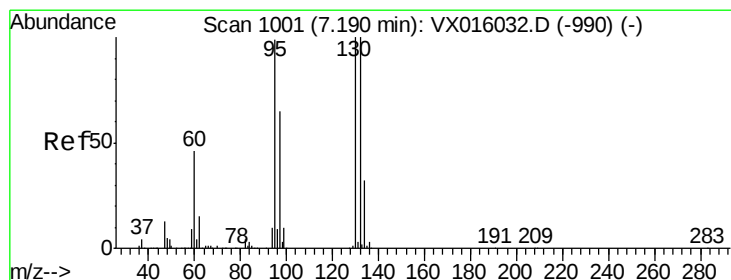
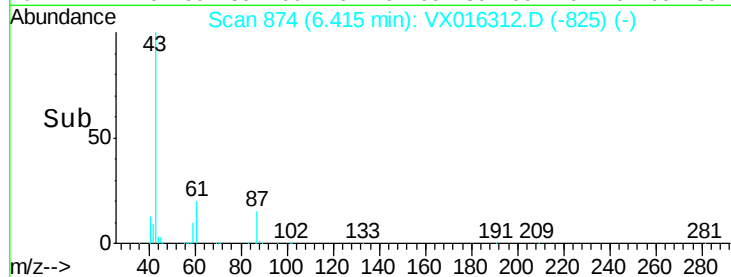
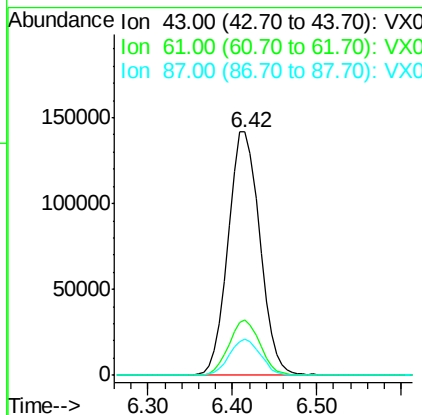
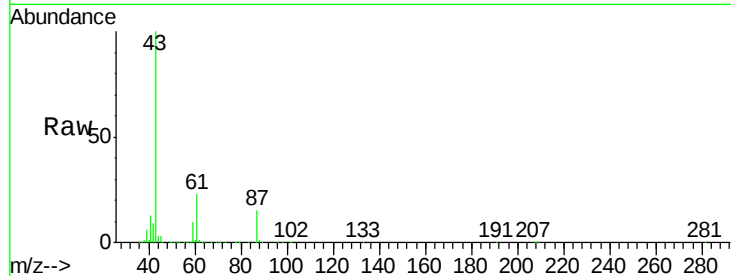
Isopropyl Acetate
 Concen: 47.732 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.0	25.4
87	14.8	11.0	16.6

Manual Integrations
 APPROVED

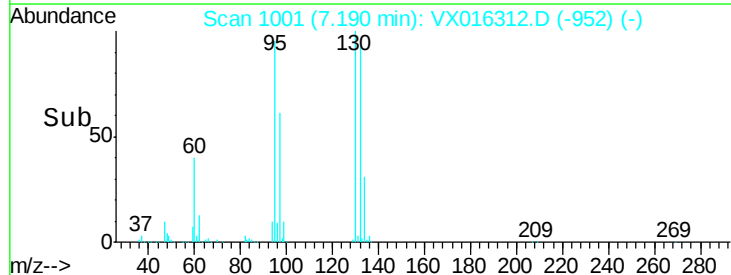
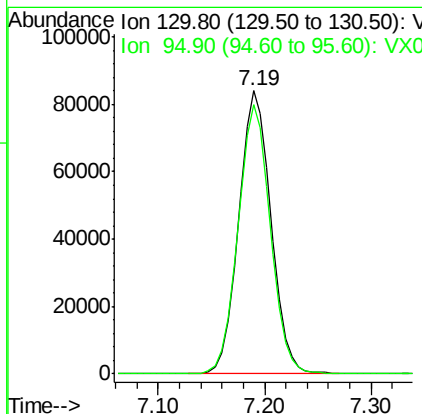
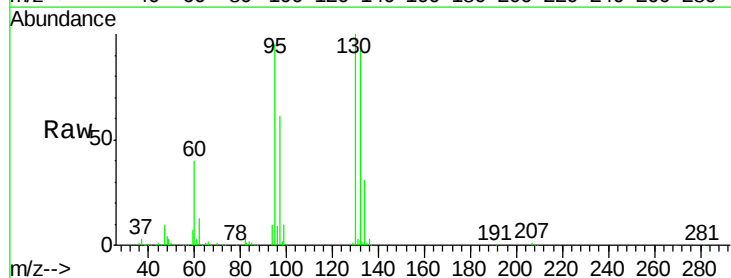
MMDadoda
 5/19/2020 2:27:10 PM



#44

Trichloroethene
 Concen: 41.992 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 51.006 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 63 Resp: 154611

Ion Ratio Lower Upper

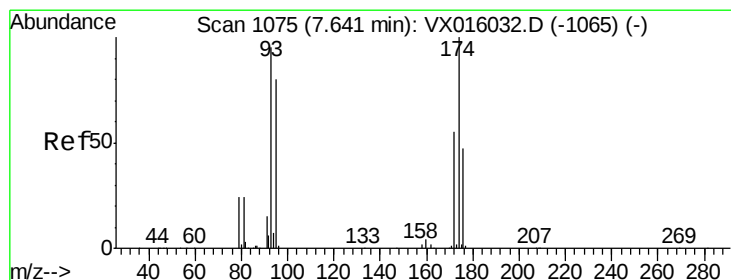
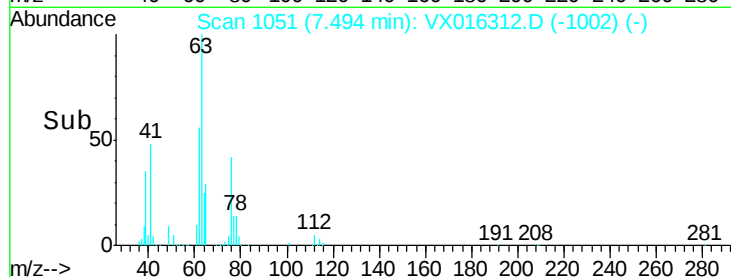
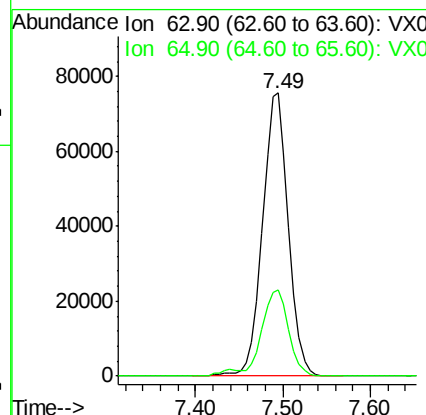
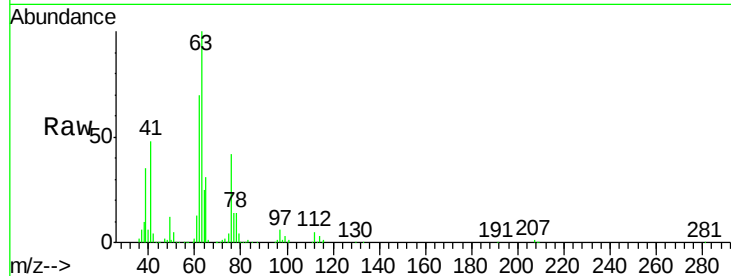
63 100

65 30.6 24.4 36.6

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#46

Dibromomethane

Concen: 49.532 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

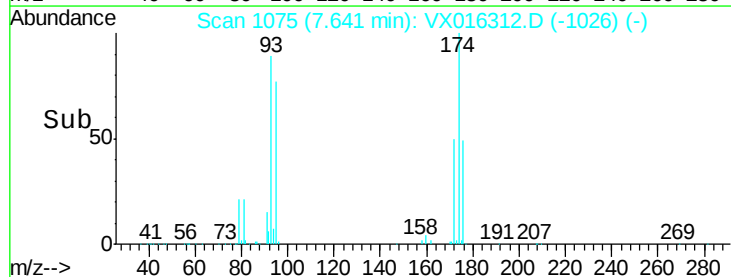
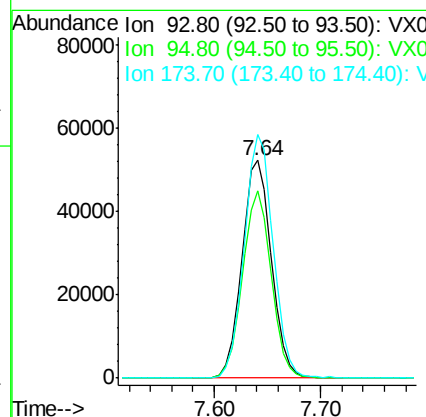
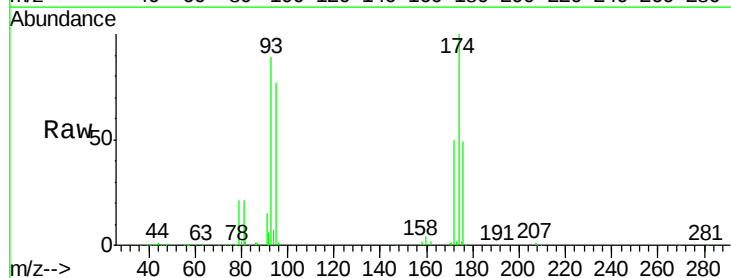
Tgt Ion: 93 Resp: 102034

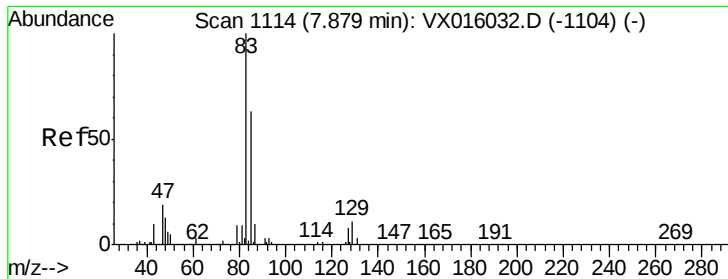
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 110.0 84.2 126.4





#47

Bromodichloromethane

Concen: 51.191 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

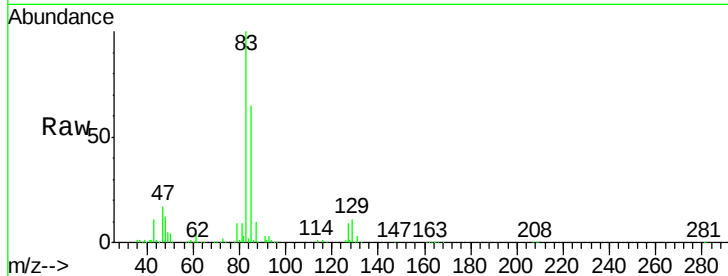
ClientSampleId :

WP021MW173-200514MS

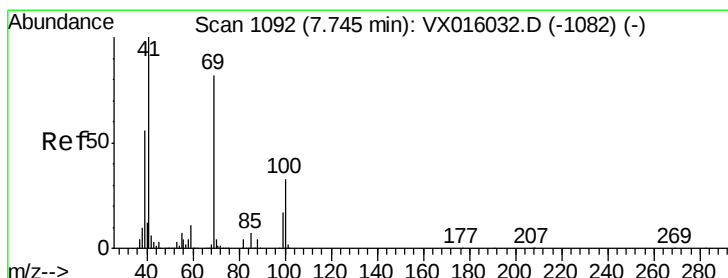
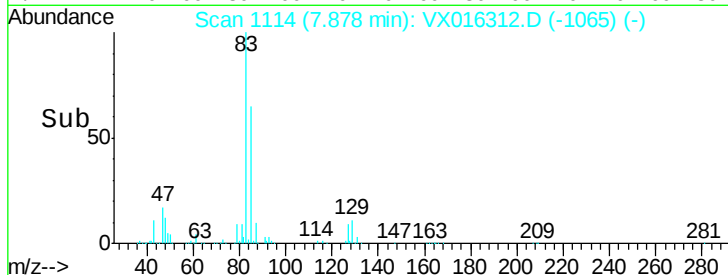
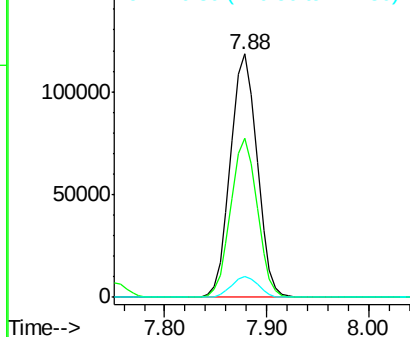
Tot Ion:	83	Resp:	214766
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.5	75.7
127	8.5	6.7	10.1

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.377 ug/l

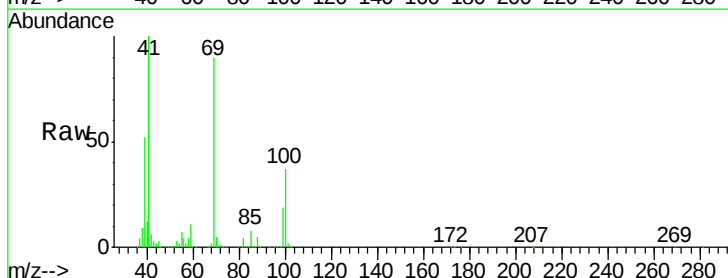
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

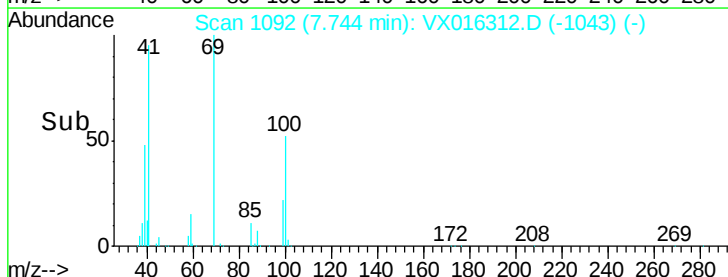
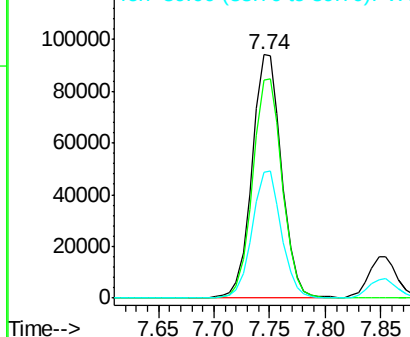
Lab File: VX016312.D

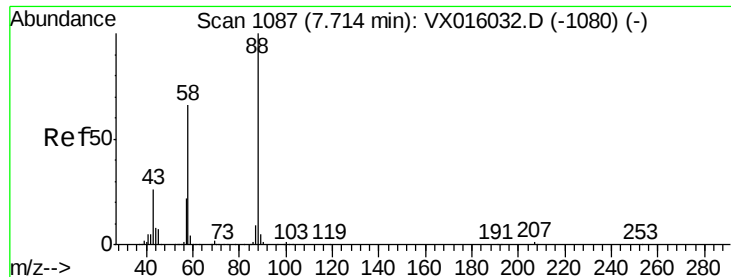
Acq: 18 May 2020 20:42

Tgt Ion:	41	Resp:	173561
Ion Ratio	Lower	Upper	
41	100		
69	91.0	67.8	101.6
39	51.7	44.6	67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





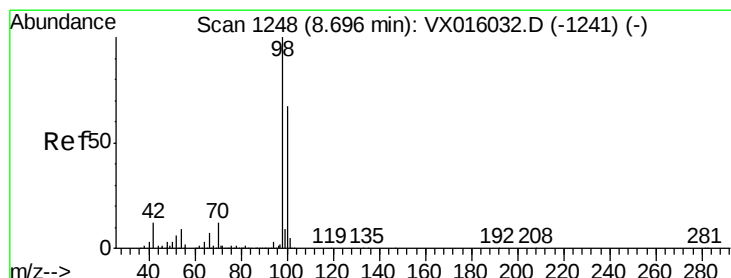
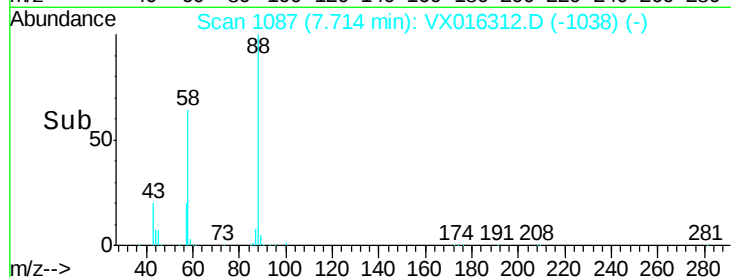
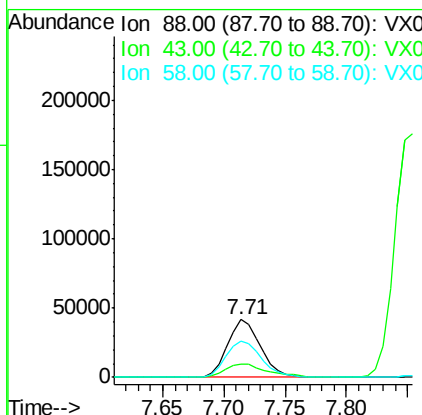
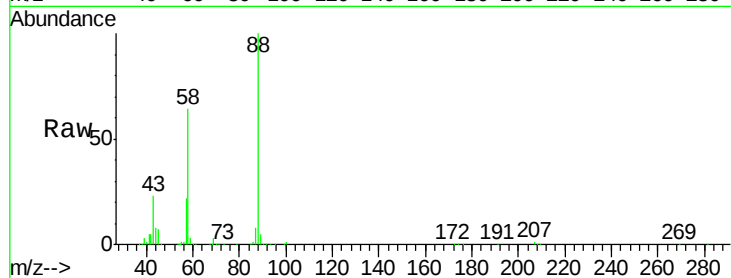
#49
1,4-Dioxane
Concen: 896.028 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	25.3	37.9
58	68.9	55.9	83.9

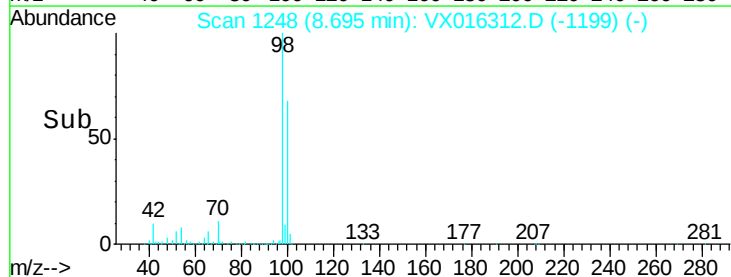
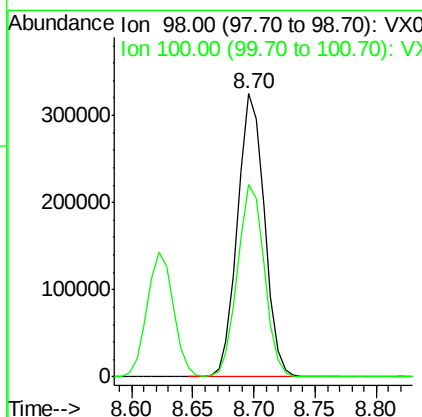
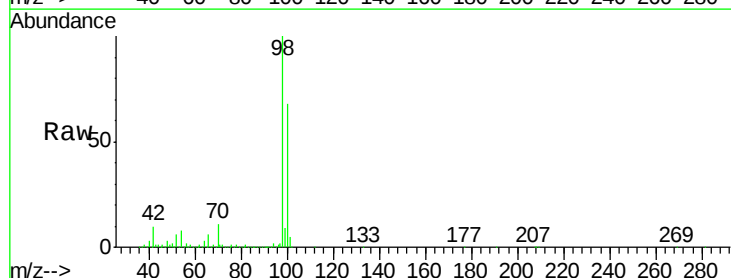
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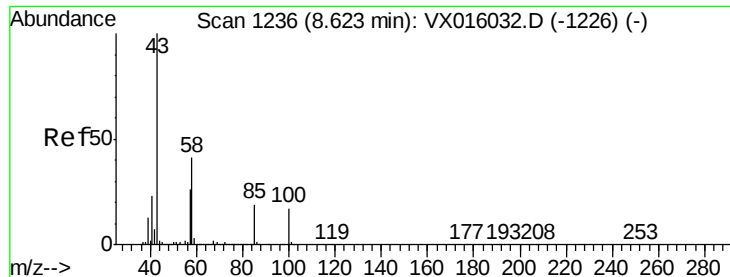
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#50
Toluene-d8
Concen: 48.671 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 252.195 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 43 Resp: 1168477

Ion Ratio Lower Upper

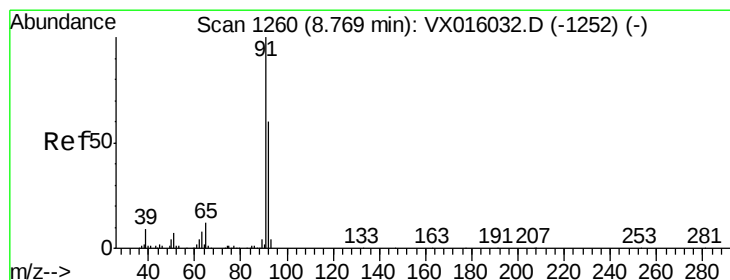
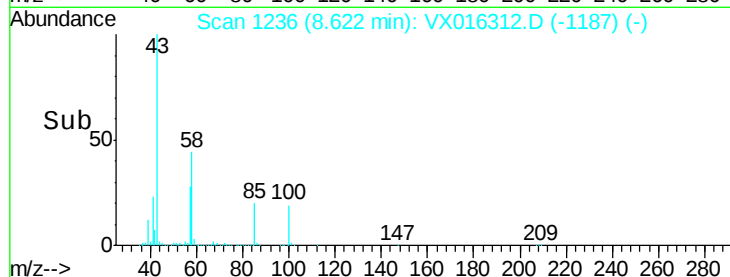
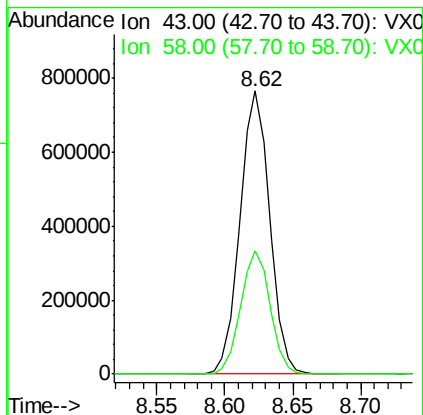
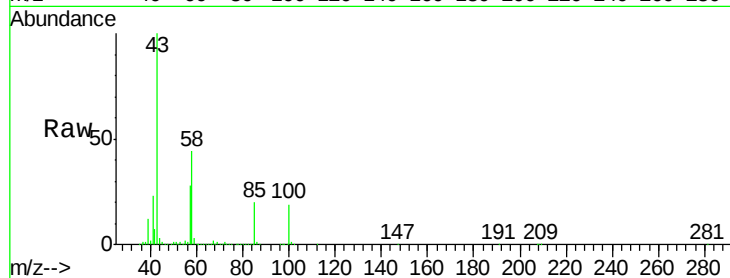
43 100

58 43.3 33.0 49.4

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#52

Toluene

Concen: 52.680 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016312.D

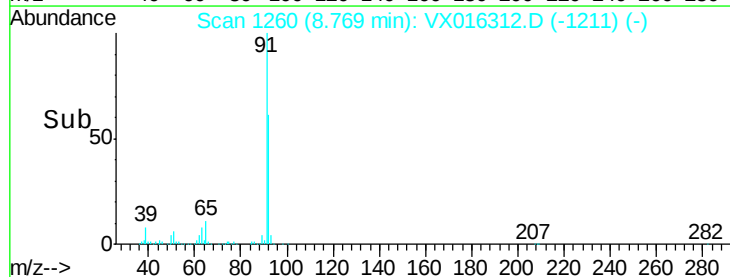
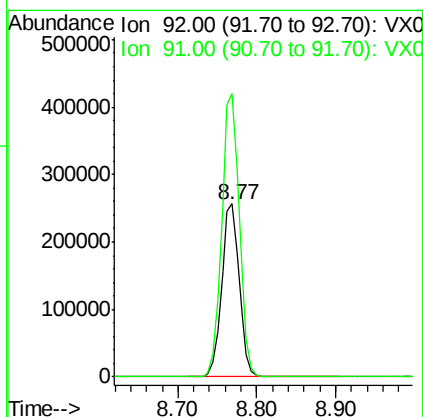
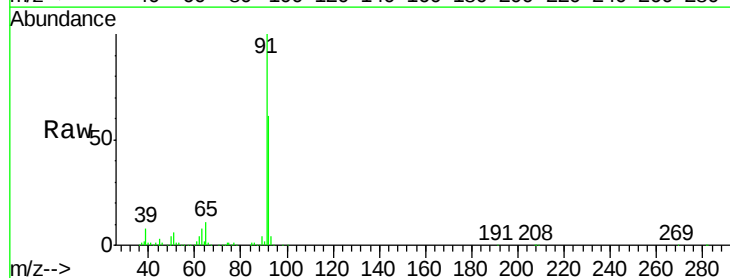
Acq: 18 May 2020 20:42

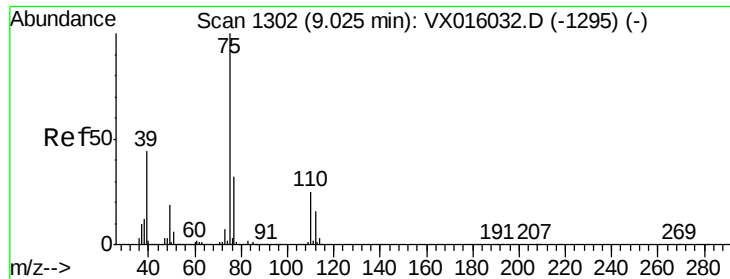
Tgt Ion: 92 Resp: 393361

Ion Ratio Lower Upper

92 100

91 165.4 134.5 201.7





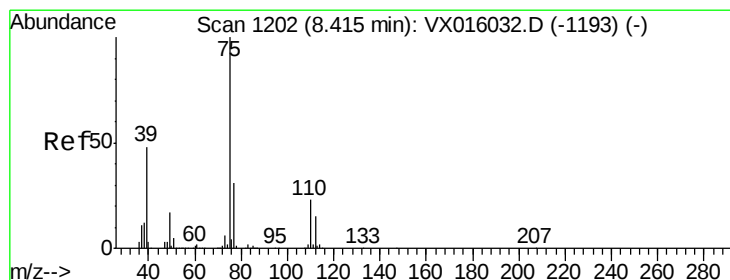
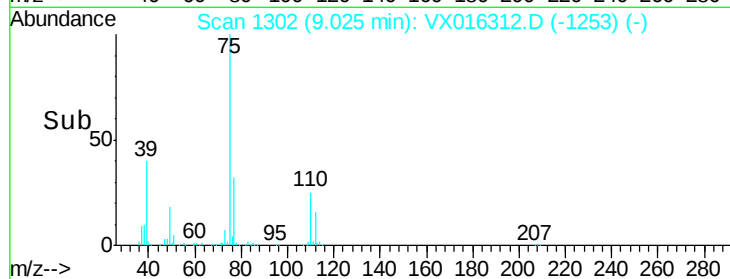
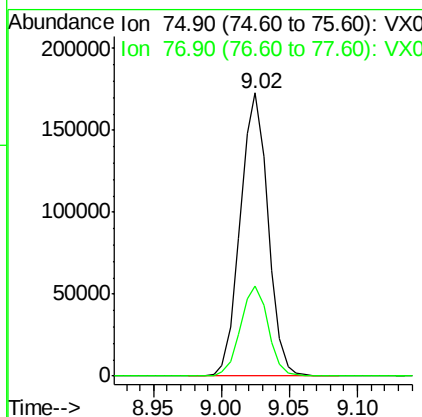
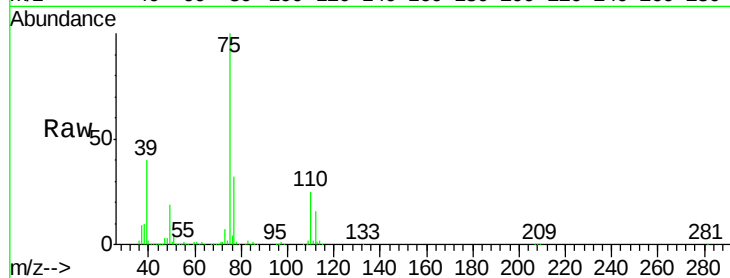
#53
t-1,3-Dichloropropene
Concen: 49.254 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5

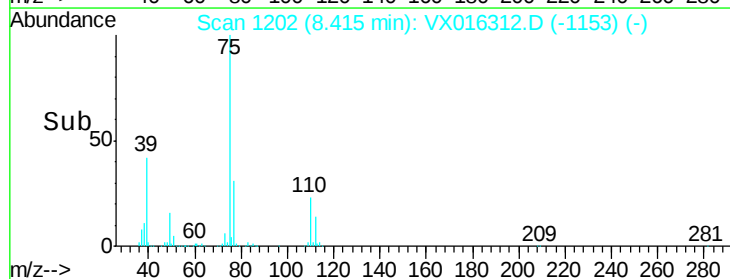
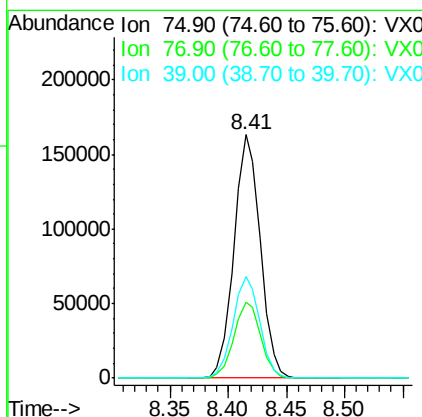
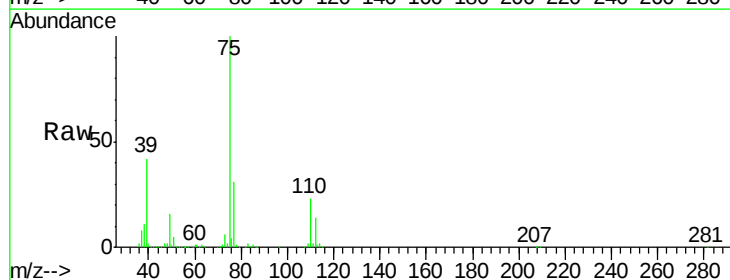
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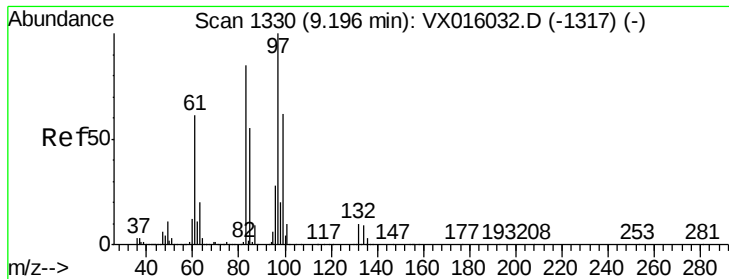
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.170 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.7	37.1
39	41.7	38.7	58.1





#55

1,1,2-Trichloroethane

Concen: 53.861 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

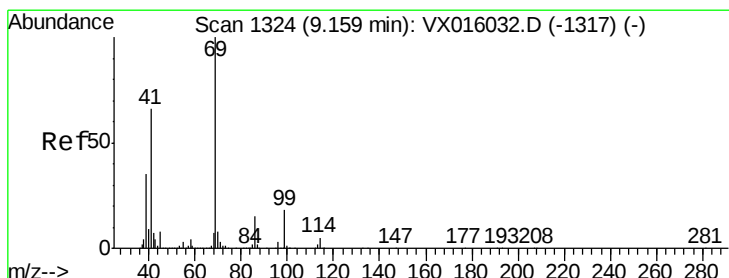
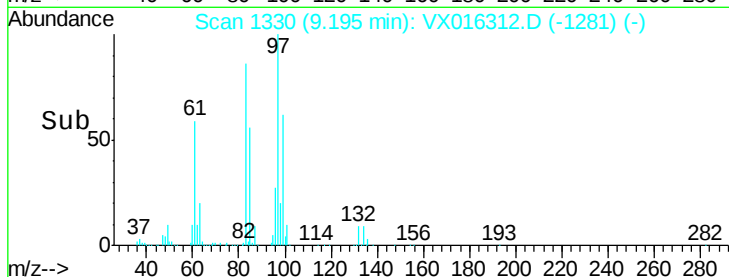
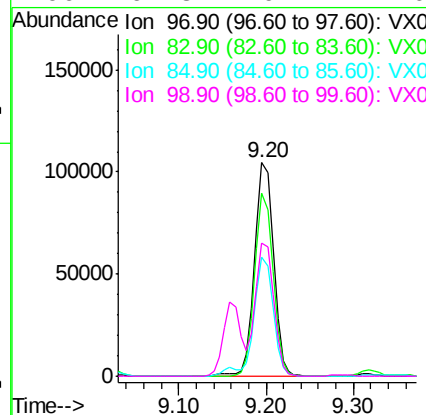
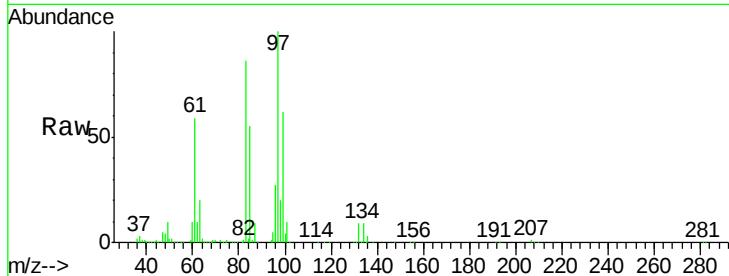
ClientSampleId :

WP021MW173-200514MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		158232		
83	85.8	67.8	101.8		
85	55.5	43.8	65.8		
99	62.3	49.4	74.0		

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#56

Ethyl methacrylate

Concen: 53.463 ug/l

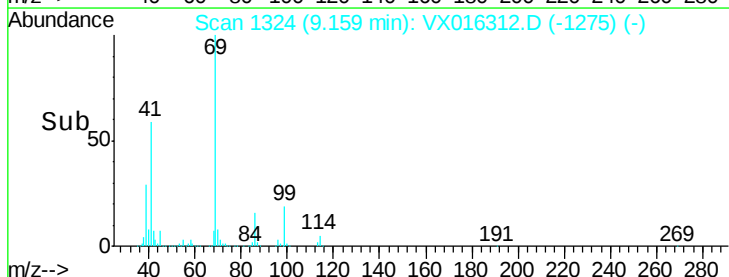
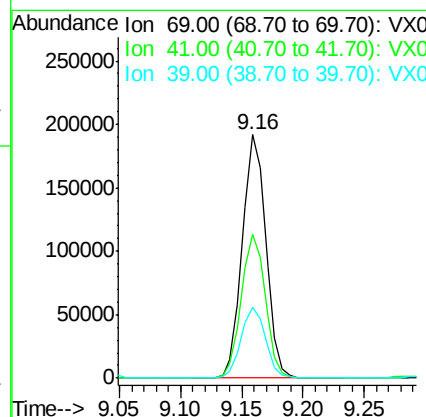
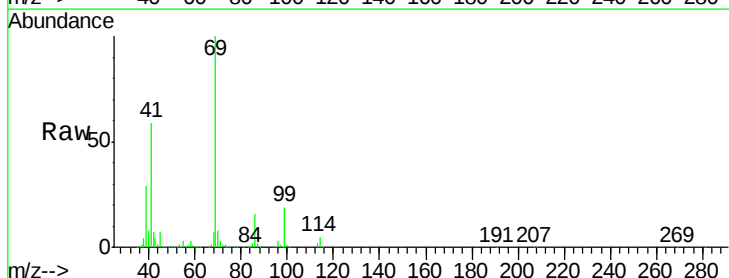
RT: 9.16 min Scan# 1324

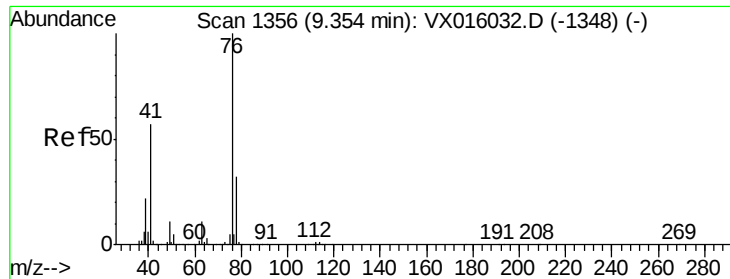
Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		256376		
41	59.9	52.2	78.4		
39	29.9	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 52.213 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 76 Resp: 267654

Ion Ratio Lower Upper

76 100

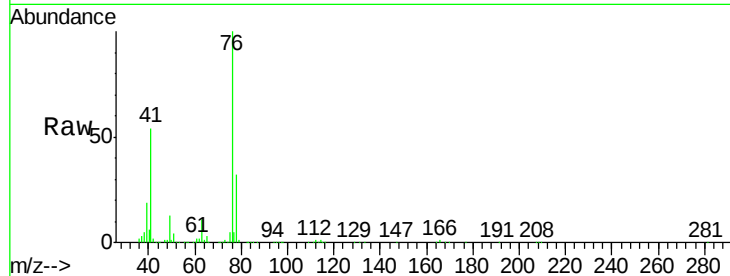
78 32.2 25.9 38.9

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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

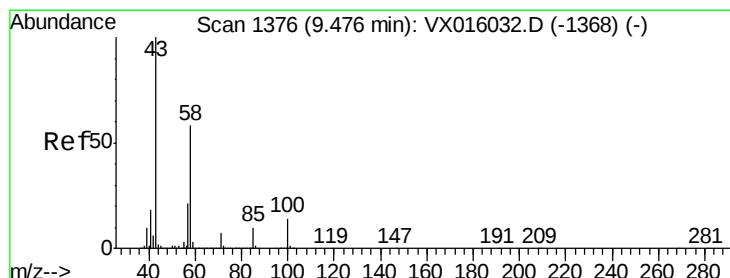
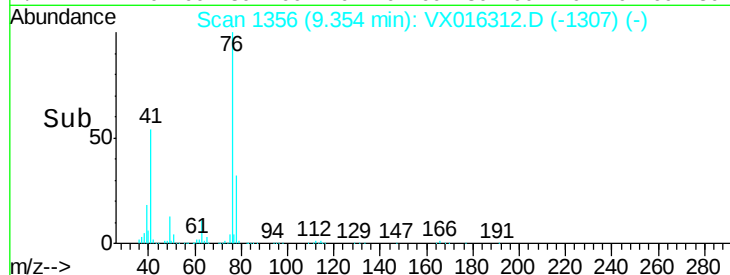
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 248.356 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016312.D

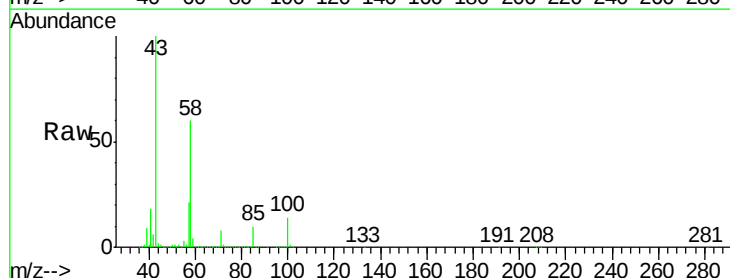
Acq: 18 May 2020 20:42

Tgt Ion: 43 Resp: 903664

Ion Ratio Lower Upper

43 100

58 61.0 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

800000

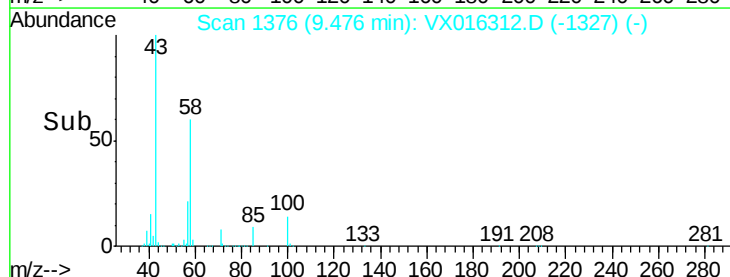
600000

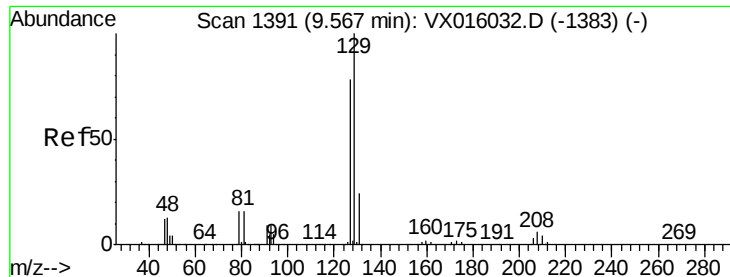
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 54.926 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion:129 Resp: 177718

Ion Ratio Lower Upper

129 100

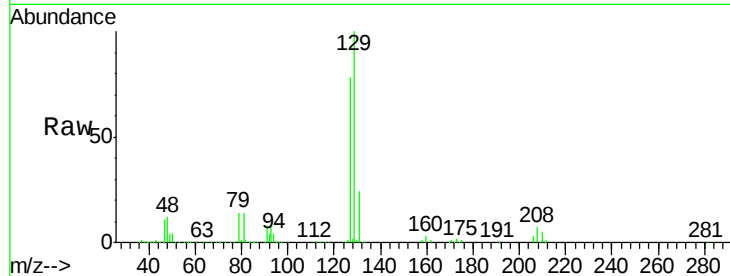
127 76.7 38.4 115.2

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

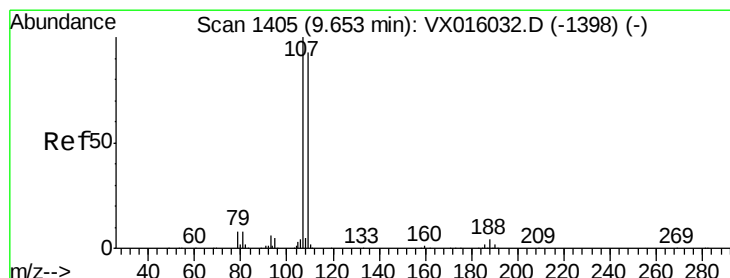
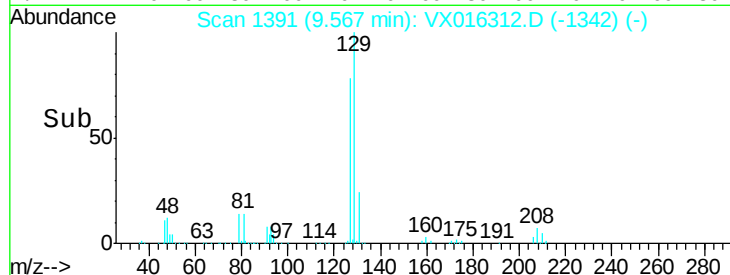
9.57

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.253 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016312.D

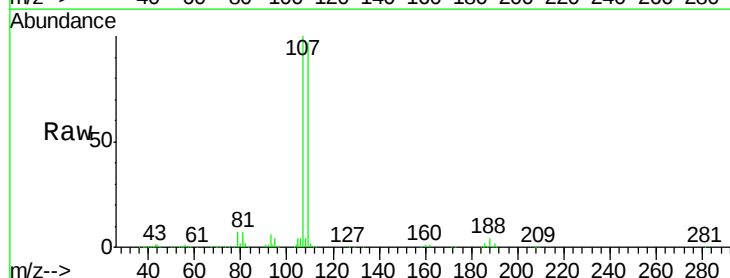
Acq: 18 May 2020 20:42

Tgt Ion:107 Resp: 166278

Ion Ratio Lower Upper

107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

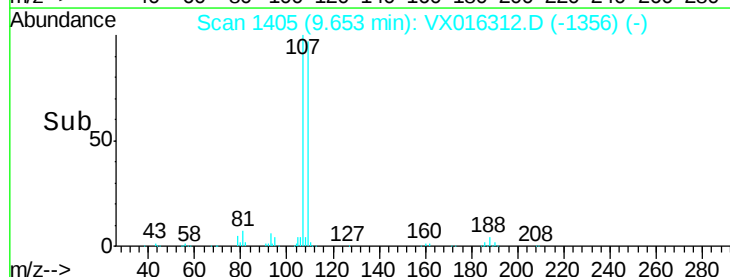
60000

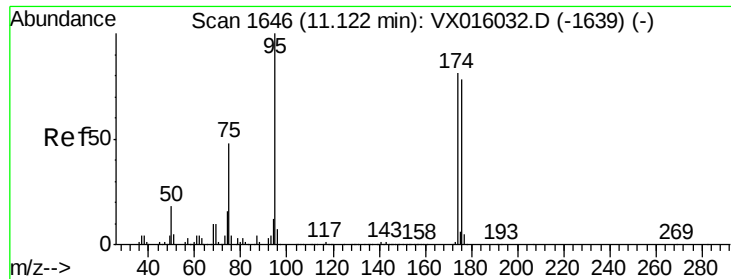
40000

20000

0

Time-->





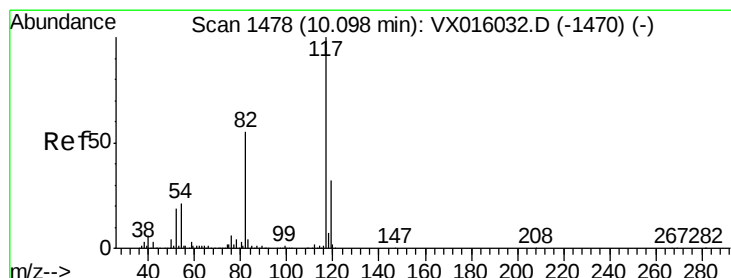
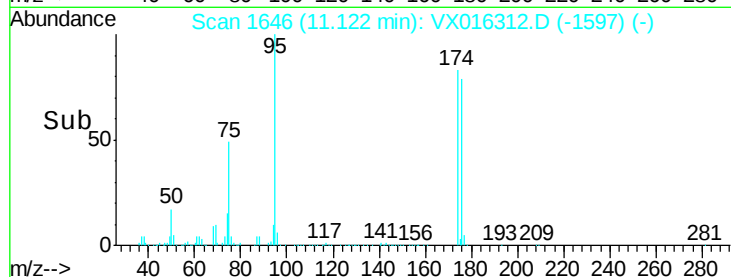
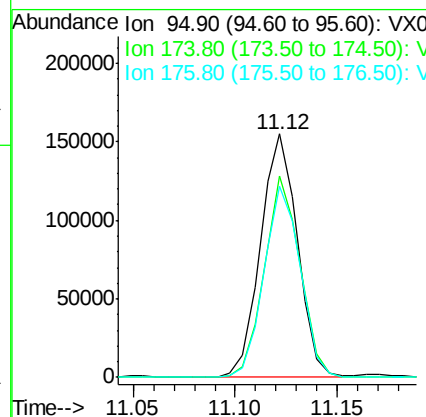
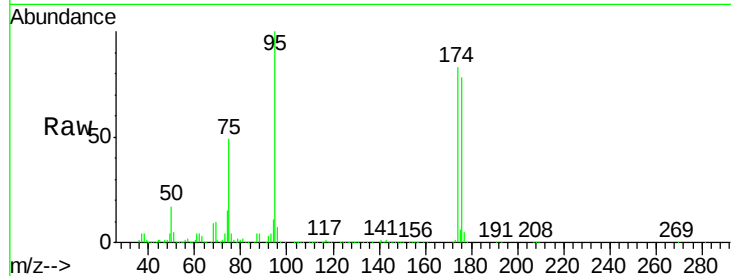
#62
4-Bromofluorobenzene
Concen: 50.323 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	194336		
174	80.3	0.0	159.4	
176	78.0	0.0	157.6	

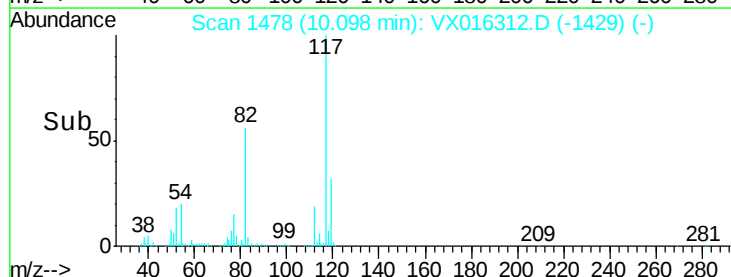
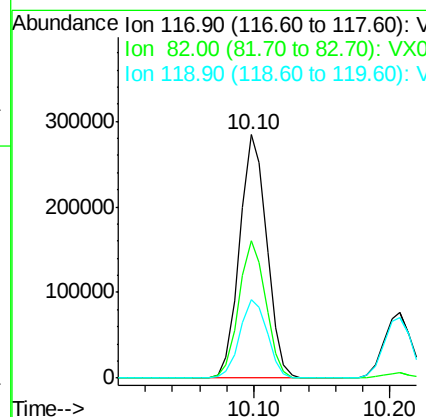
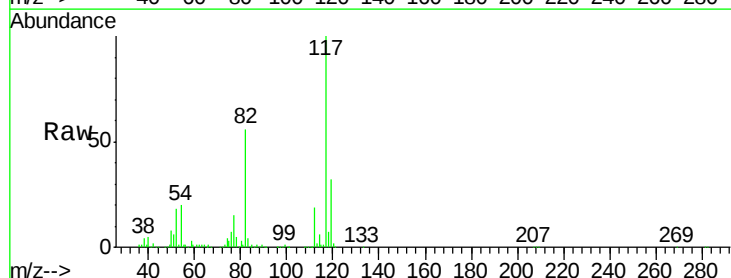
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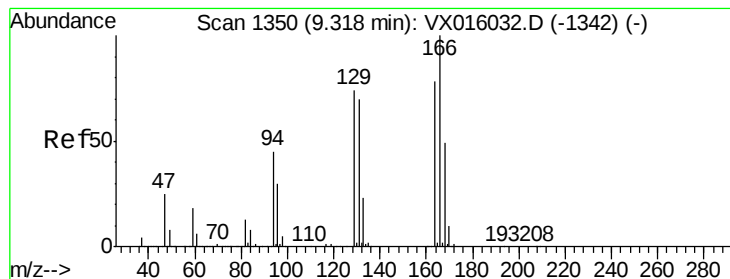
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	395625		
82	56.2	44.4	66.6	
119	32.1	25.5	38.3	





#64

Tetrachloroethene

Concen: 39.949 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion:164 Resp: 194023

Ion Ratio Lower Upper

164 100

166 126.9 102.9 154.3

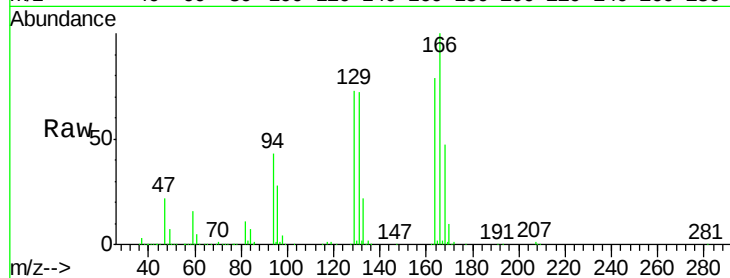
129 93.2 76.1 114.1

131 91.1 71.9 107.9

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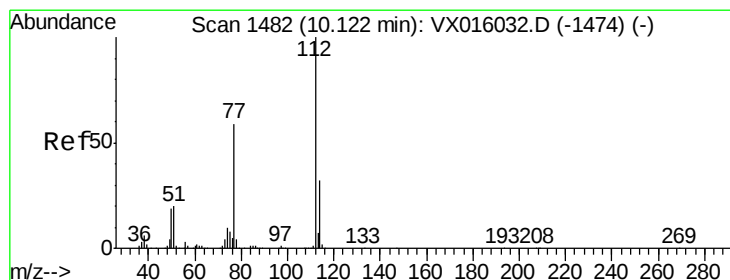
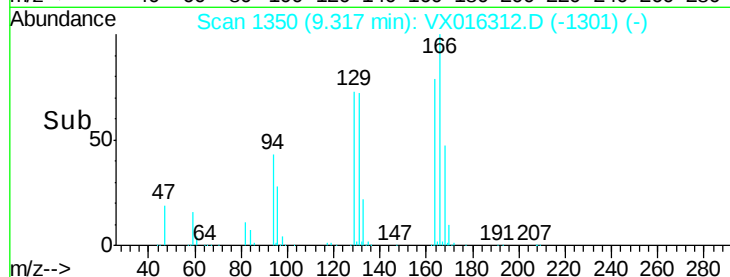
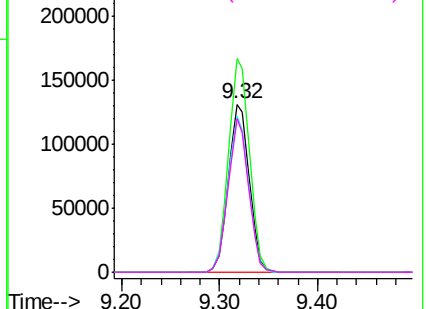


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 915.900 ug/l

RT: 10.13 min Scan# 1483

Delta R.T. 0.01 min

Lab File: VX016312.D

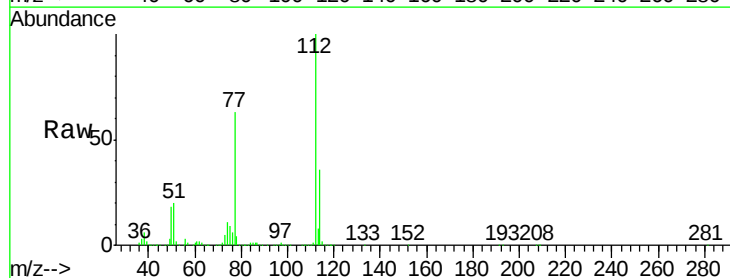
Acq: 18 May 2020 20:42

Tgt Ion:112 Resp: 7587260

Ion Ratio Lower Upper

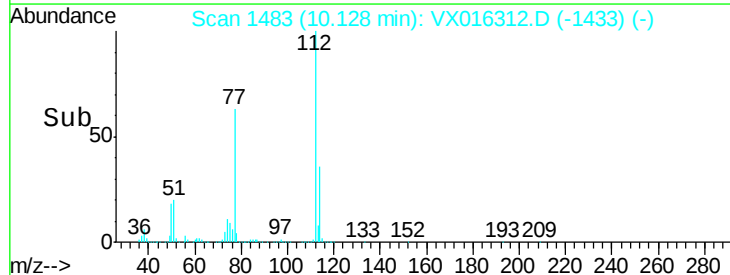
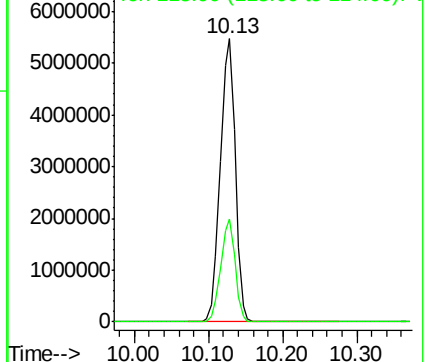
112 100

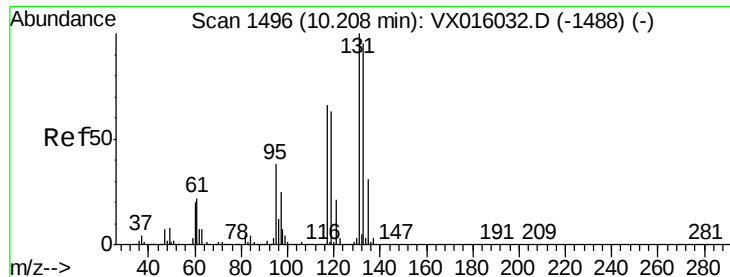
114 36.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.232 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

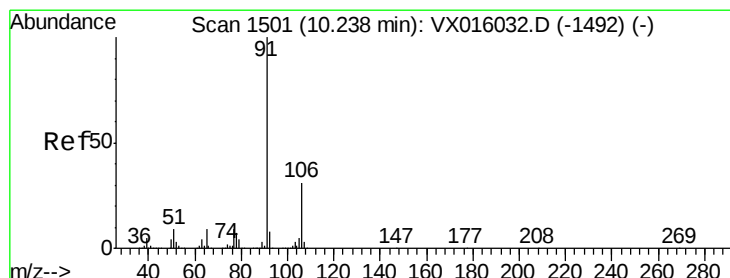
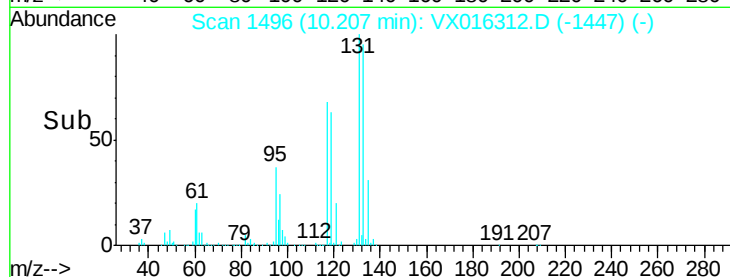
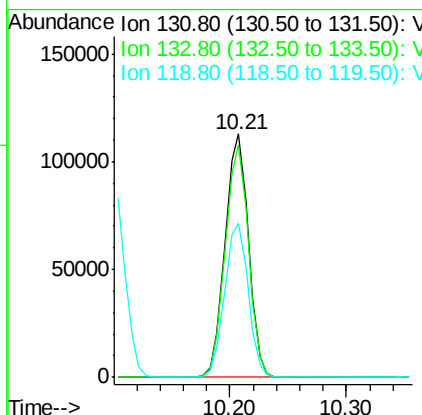
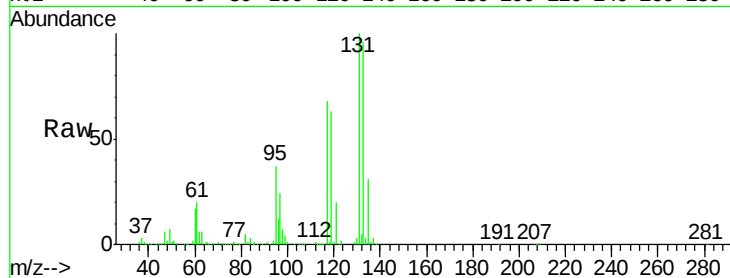
ClientSampleId :

WP021MW173-200514MS

Tot Ion:	131	Resp:	156865
Ion Ratio	Lower	Upper	
131	100		
133	95.4	48.3	144.8
119	63.7	32.3	96.9

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#67

Ethyl Benzene

Concen: 49.707 ug/l

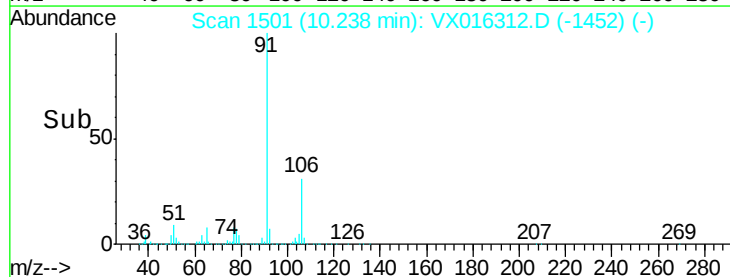
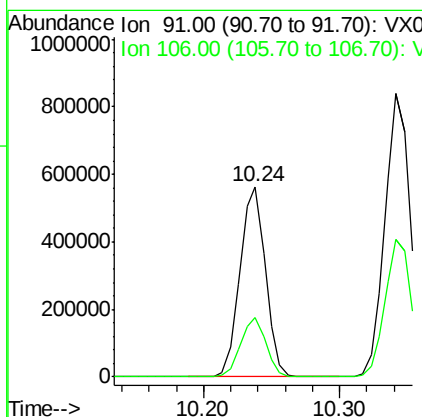
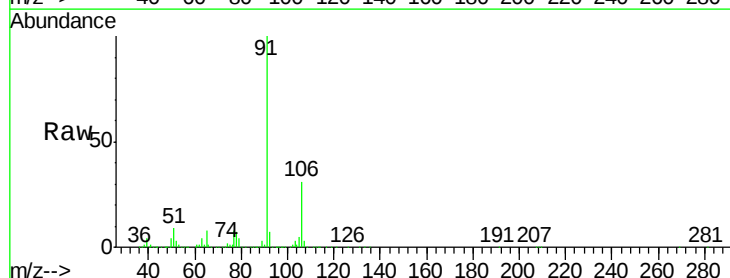
RT: 10.24 min Scan# 1501

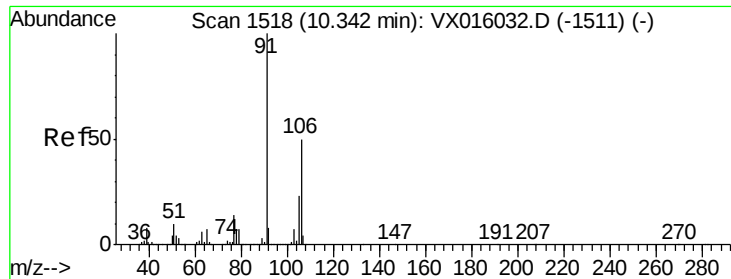
Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion:	91	Resp:	734705
Ion Ratio	Lower	Upper	
91	100		
106	31.0	25.1	37.7





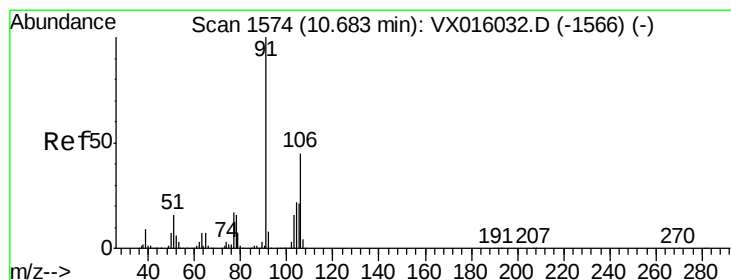
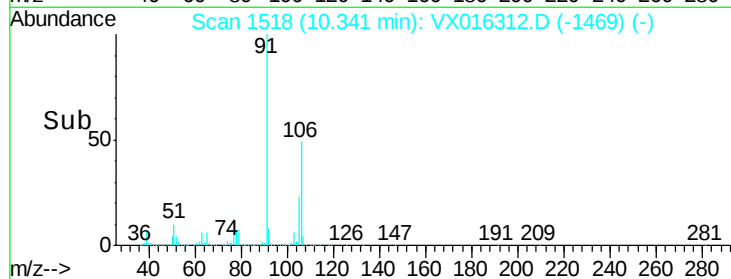
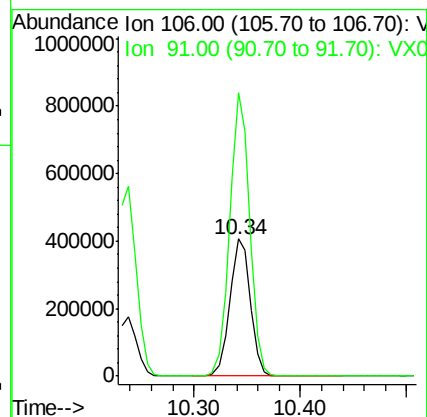
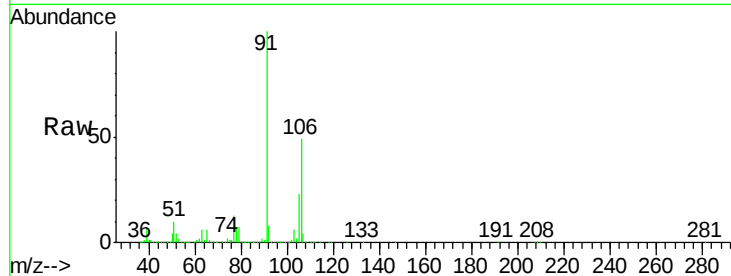
#68
m/p-Xylenes
Concen: 98.637 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	201.3	161.7	546229	242.5	

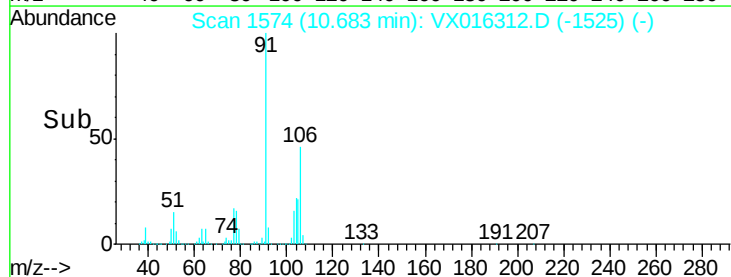
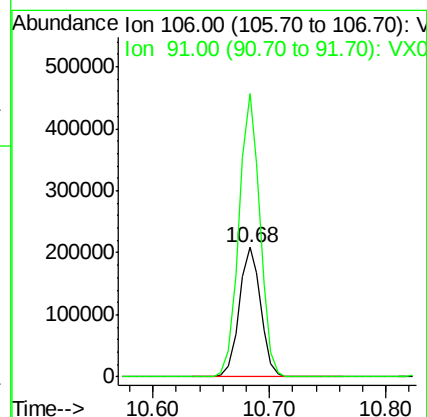
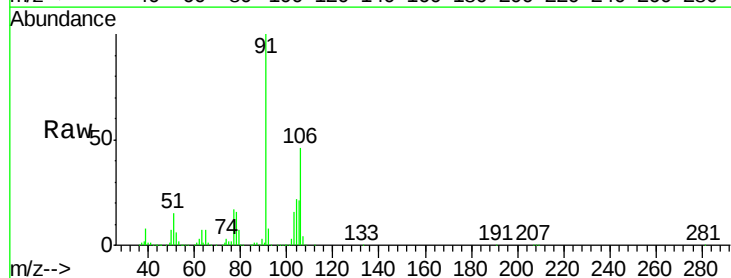
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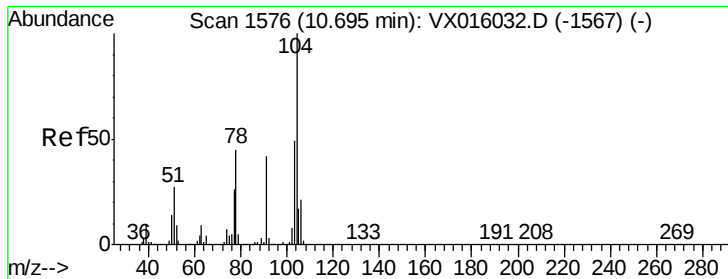
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#69
o-Xylene
Concen: 50.354 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.1	107.5	268041	322.6	





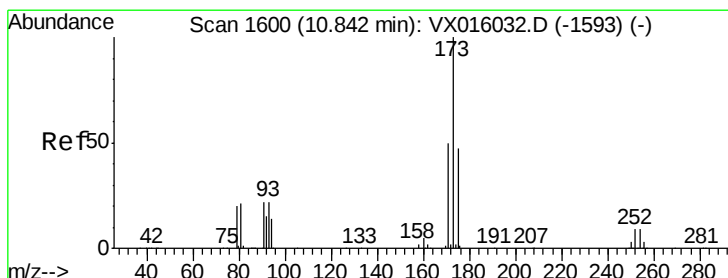
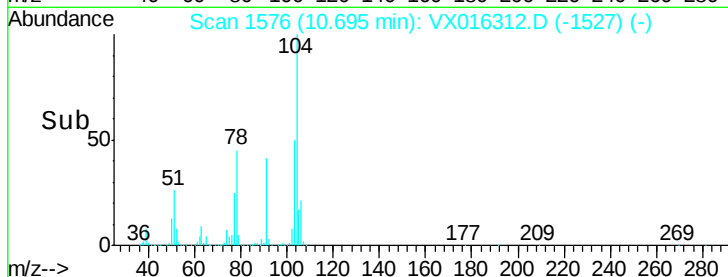
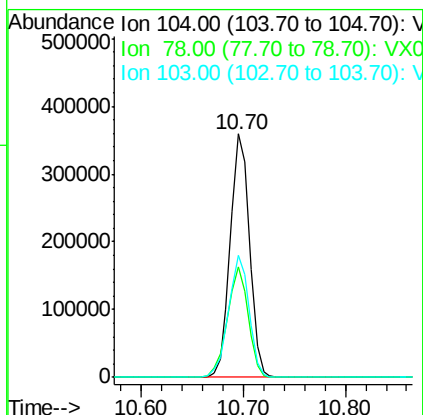
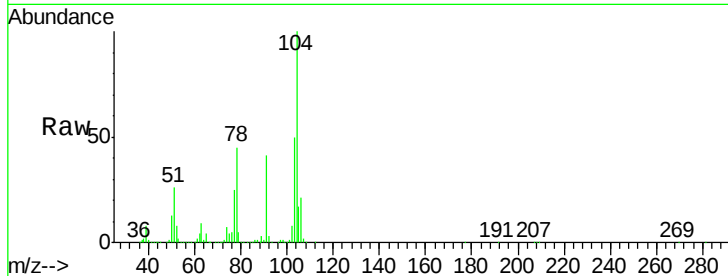
#70
Stvrene
Concen: 51.781 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	467615		
78	78	49.1	40.2	60.2	
103	103	53.4	43.0	64.6	

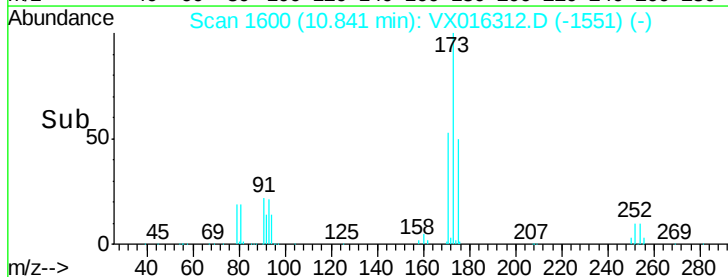
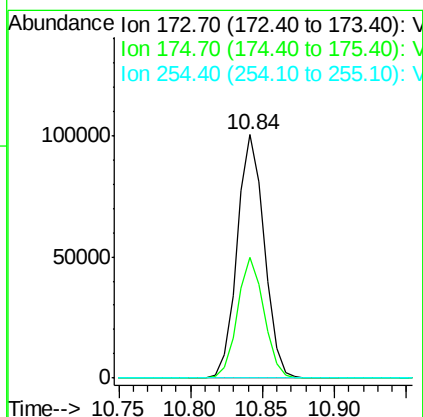
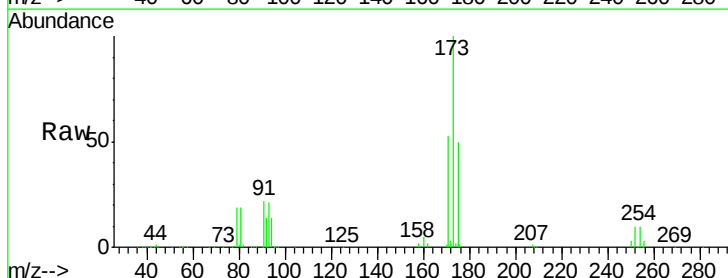
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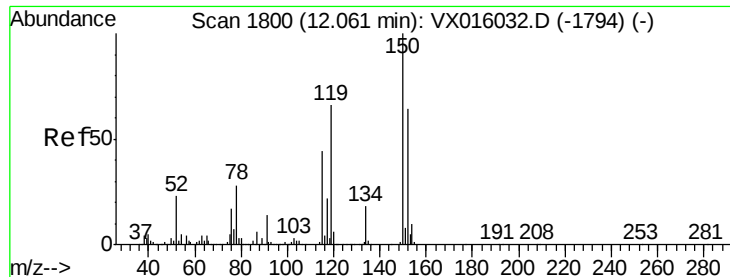
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#71
Bromoform
Concen: 52.694 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	173	100	131447		
175	175	48.8	24.0	72.0	
254	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: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion:152 Resp: 197372

Ion Ratio Lower Upper

152 100

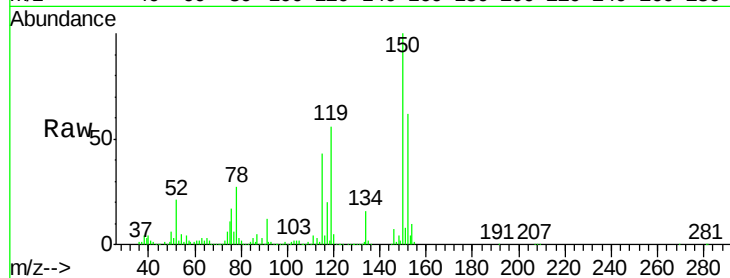
115 79.3 41.3 124.1

150 200.9 0.0 352.2

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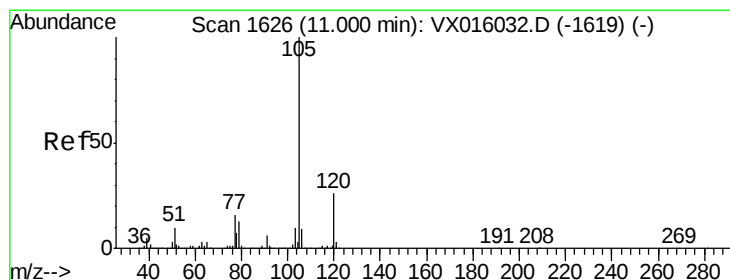
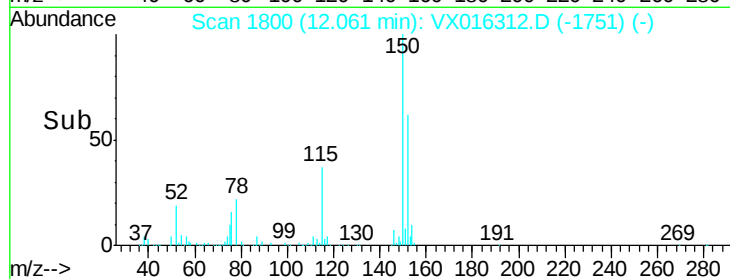
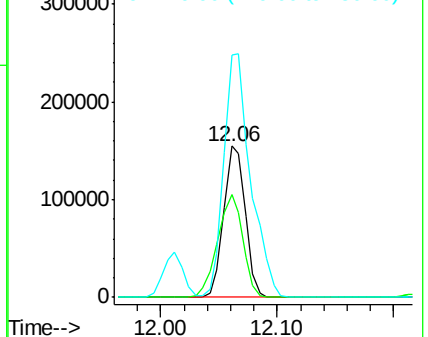
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.361 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016312.D

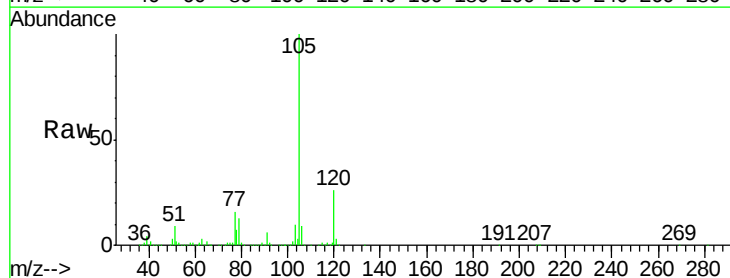
Acq: 18 May 2020 20:42

Tgt Ion:105 Resp: 708614

Ion Ratio Lower Upper

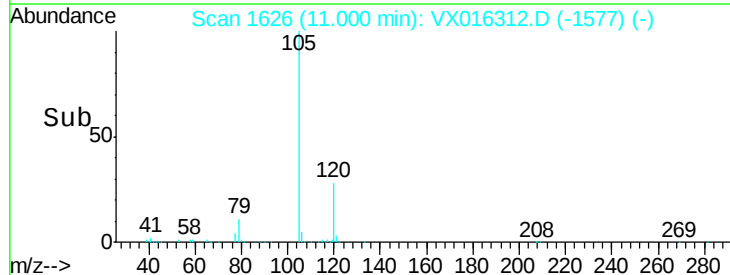
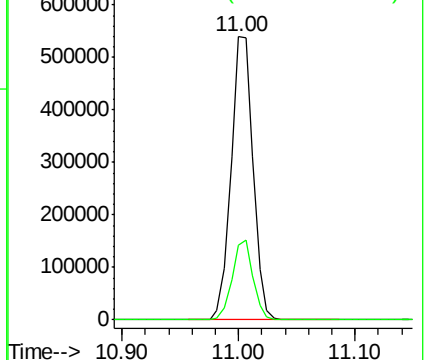
105 100

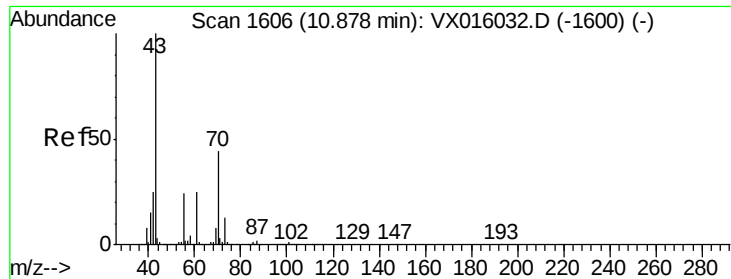
120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.407 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

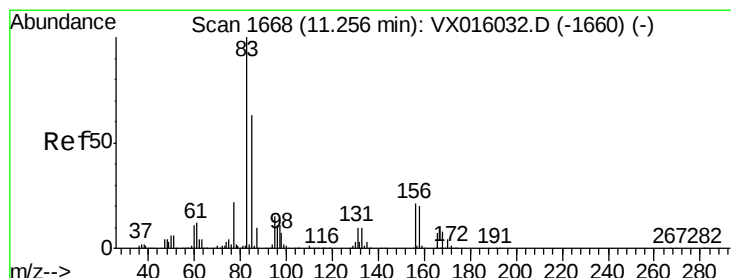
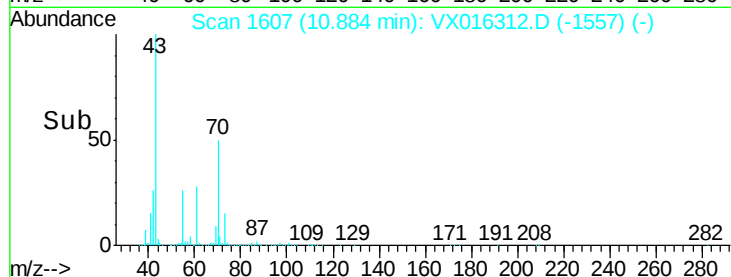
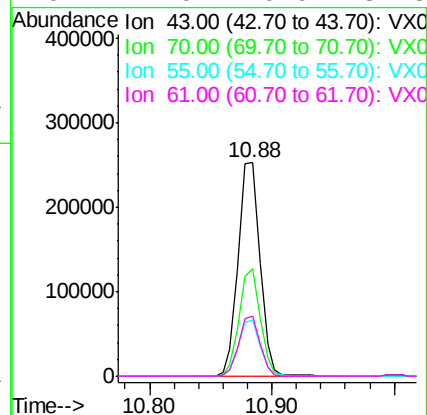
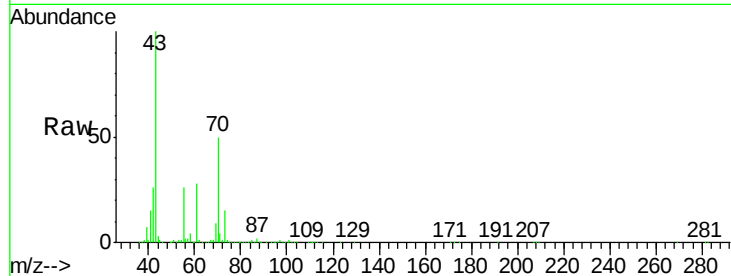
ClientSampleId :

WP021MW173-200514MS

Tot Ion	43	Resp	310747
Ion Ratio	Lower	Upper	
43	100		
70	48.5	36.5	54.7
55	26.1	19.7	29.5
61	27.0	20.9	31.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 68.501 ug/l

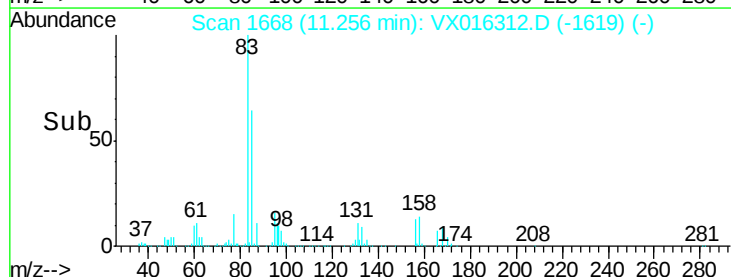
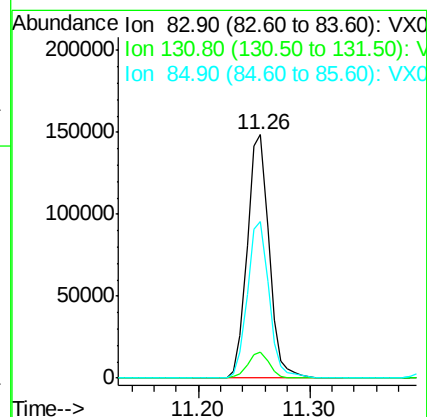
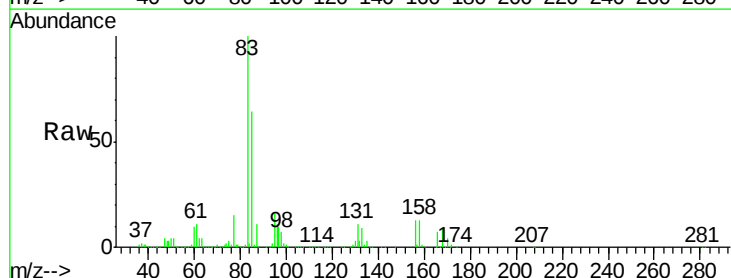
RT: 11.26 min Scan# 1668

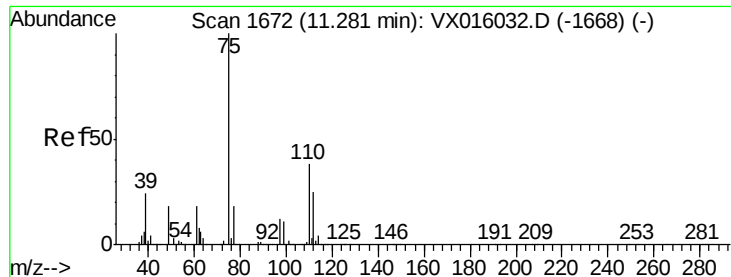
Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion	83	Resp	202076
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.2	32.0	96.0





#76

1,2,3-Trichloropropane

Concen: 49.782 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 75 Resp: 222964

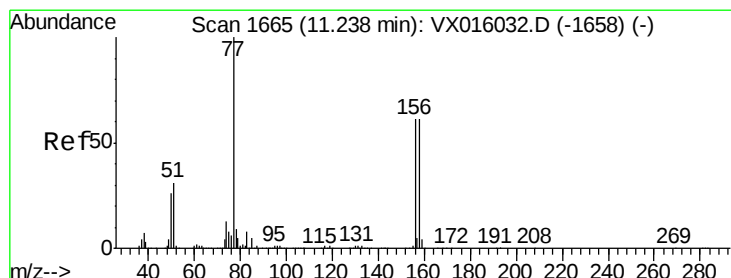
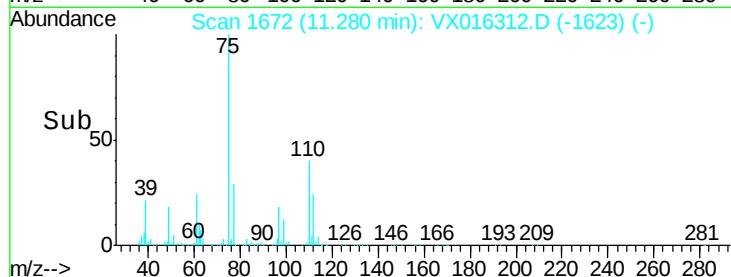
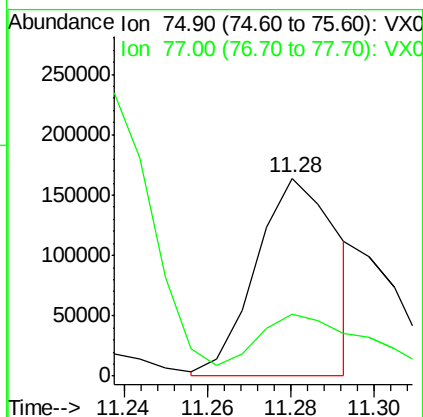
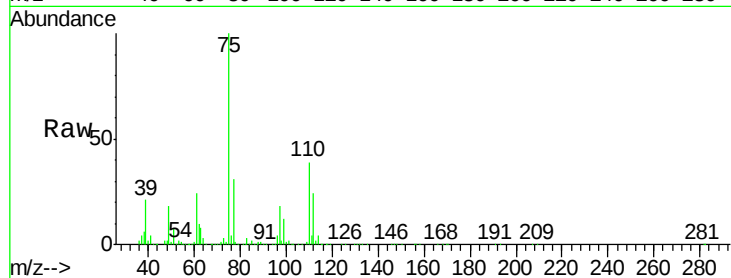
Ion Ratio Lower Upper

75 100

77 42.3 21.2 63.6

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#77

Bromobenzene

Concen: 48.591 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

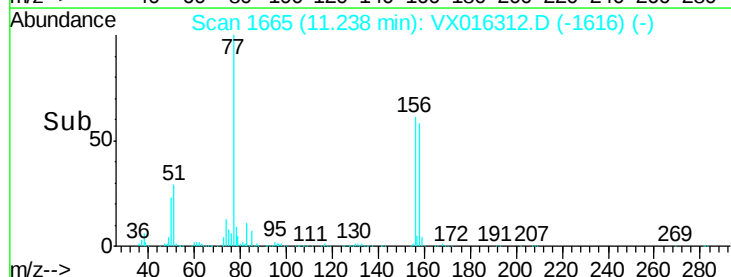
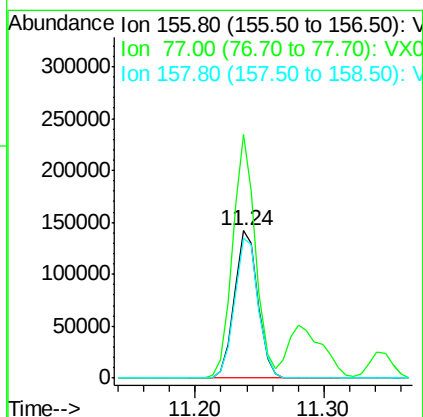
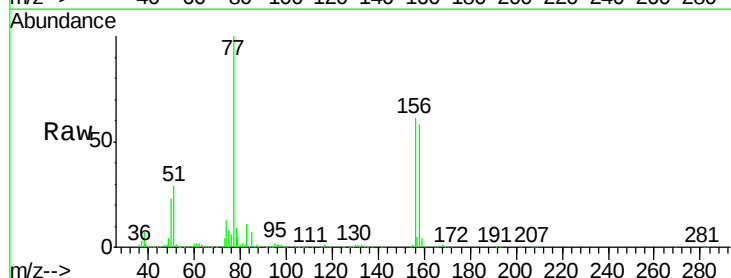
Tgt Ion: 156 Resp: 180050

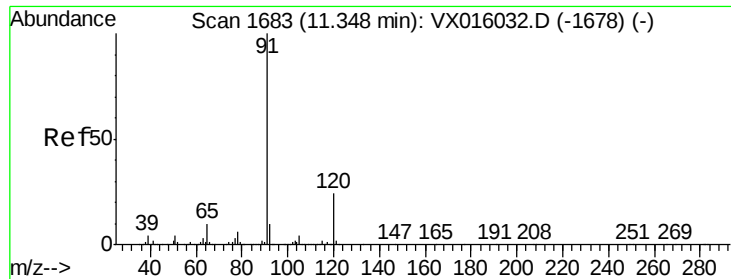
Ion Ratio Lower Upper

156 100

77 160.3 80.1 240.3

158 96.1 49.4 148.2





#78

n-propylbenzene

Concen: 47.076 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 91 Resp: 786205

Ion Ratio Lower Upper

91 100

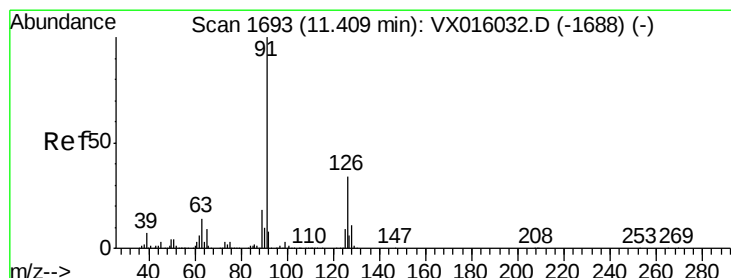
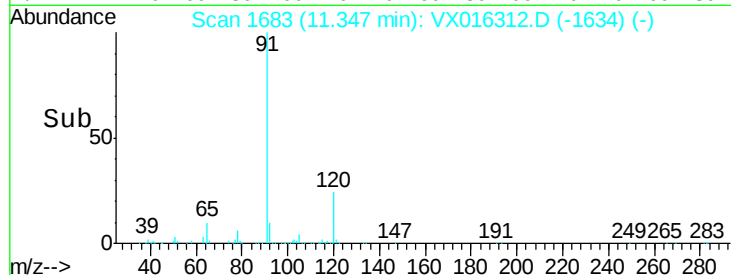
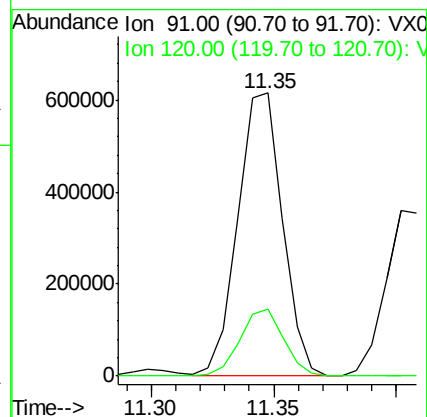
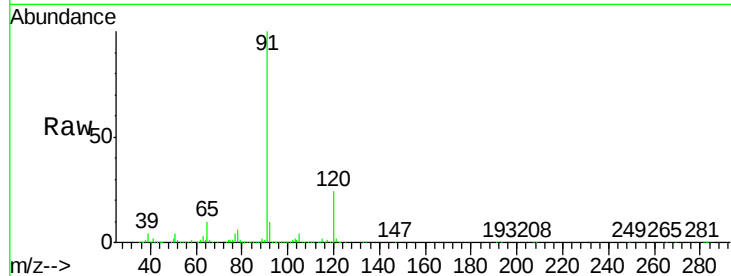
120 23.0 11.5 34.5

Manual Integrations

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#79

2-Chlorotoluene

Concen: 48.066 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016312.D

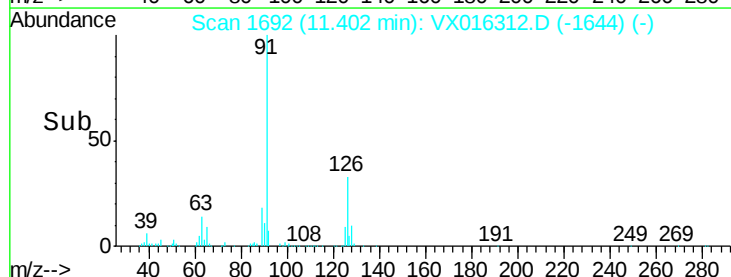
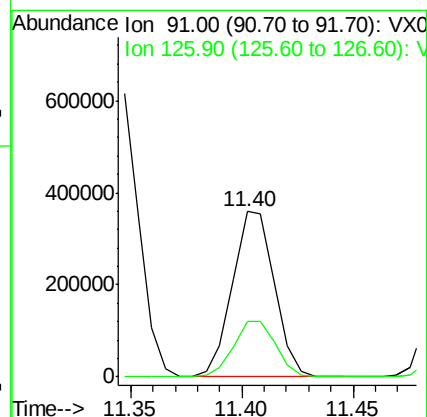
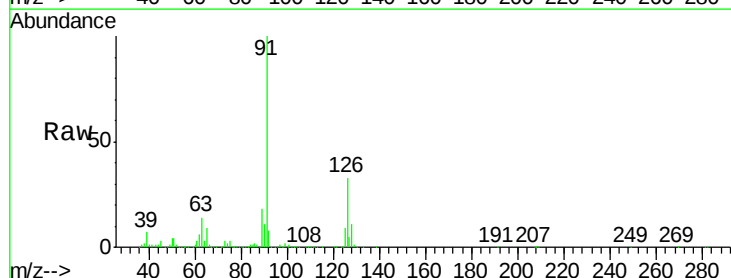
Acq: 18 May 2020 20:42

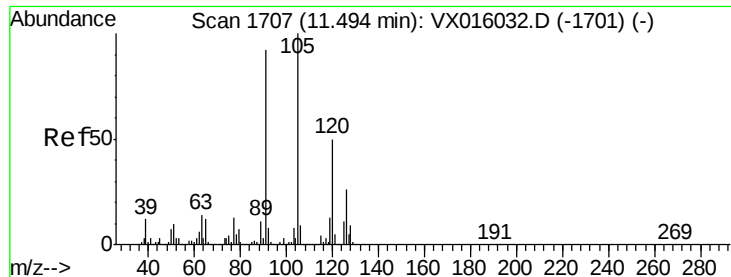
Tgt Ion: 91 Resp: 473827

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.6





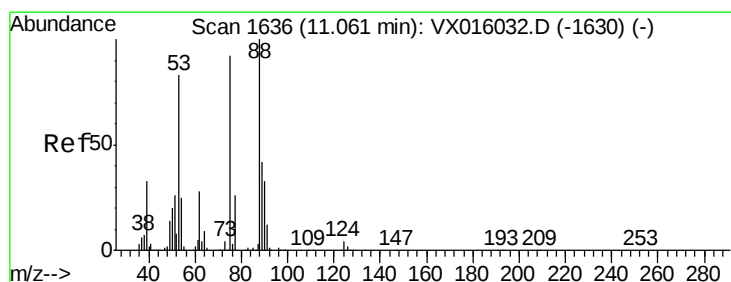
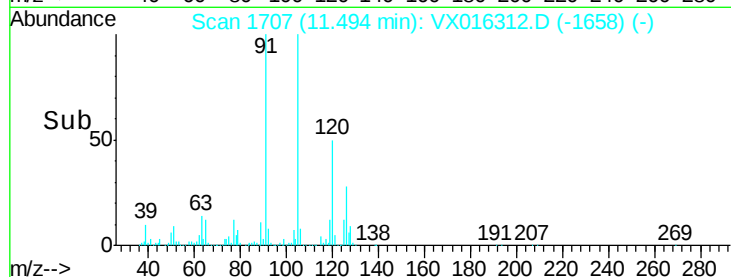
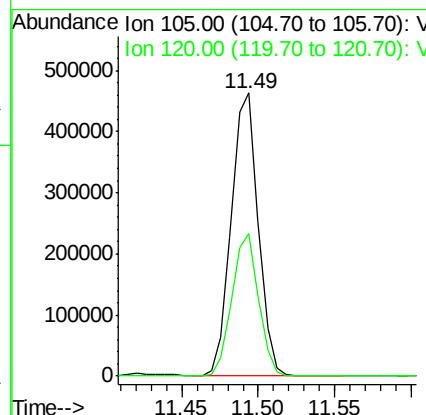
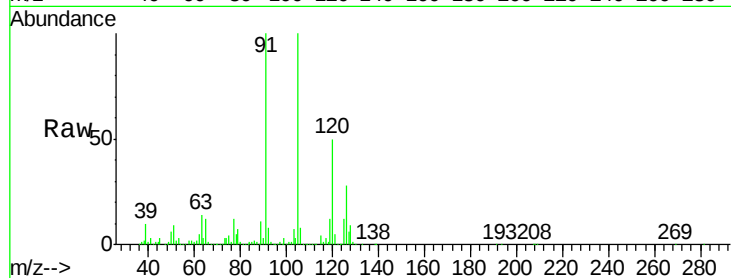
#80
 1,3,5-Trimethylbenzene
 Concen: 46.584 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.6	74.0

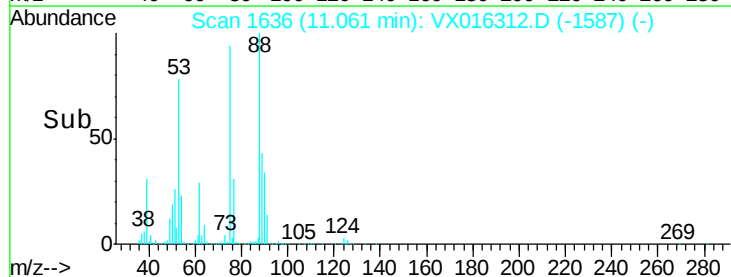
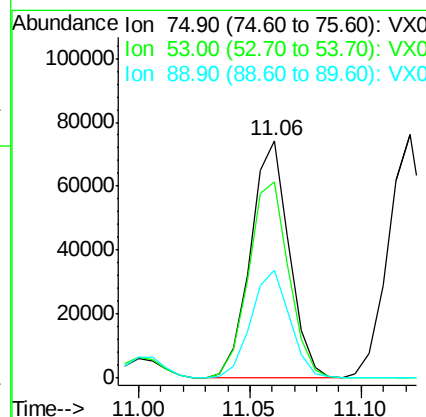
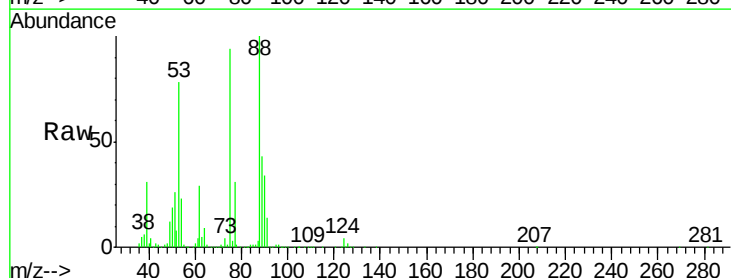
Manual Integrations
 APPROVED

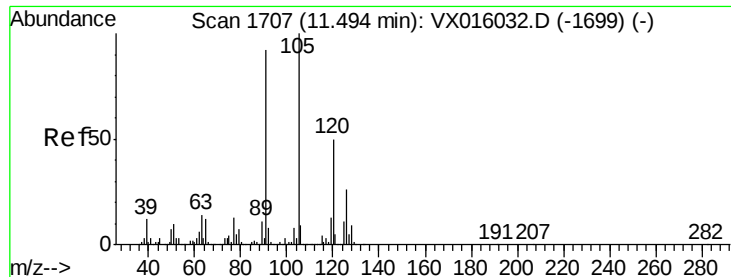
MMDadoda
 5/19/2020 2:27:10 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.553 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
75	100		
53	86.2	73.1	109.7
89	45.9	36.7	55.1





#82

4-Chlorotoluene

Concen: 47.667 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 91 Resp: 554891

Ion Ratio Lower Upper

91 100

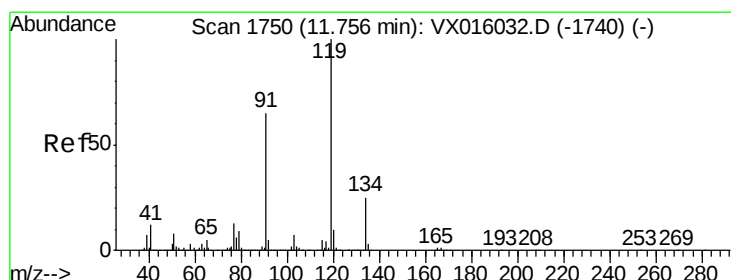
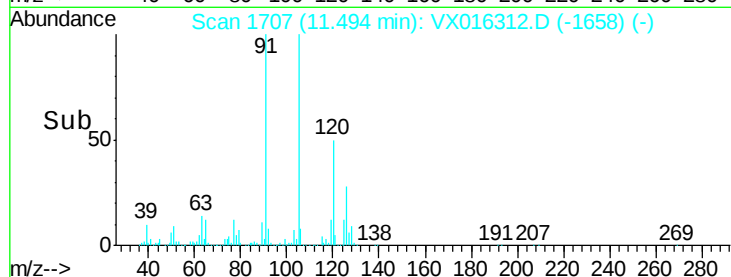
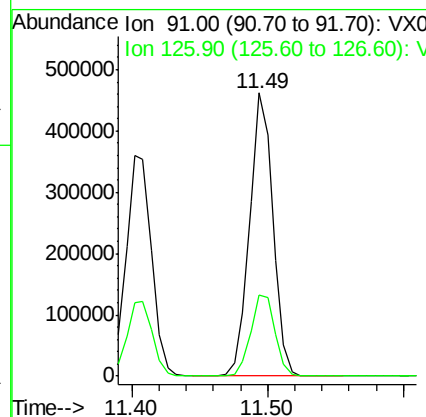
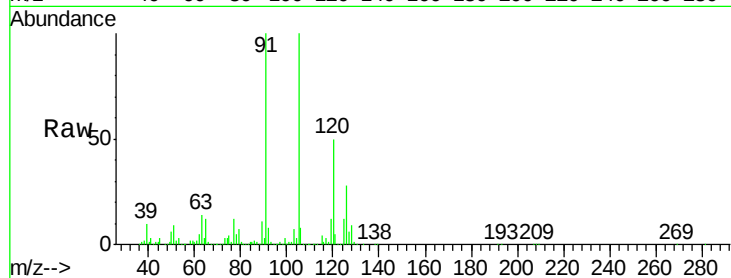
126 29.8 14.8 44.3

Manual Integrations

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#83

tert-Butylbenzene

Concen: 49.854 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

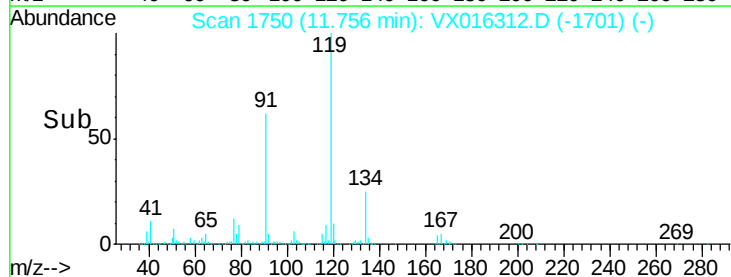
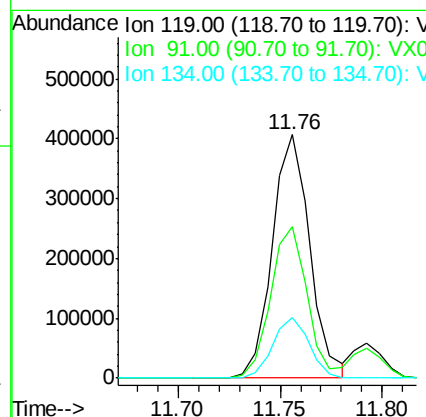
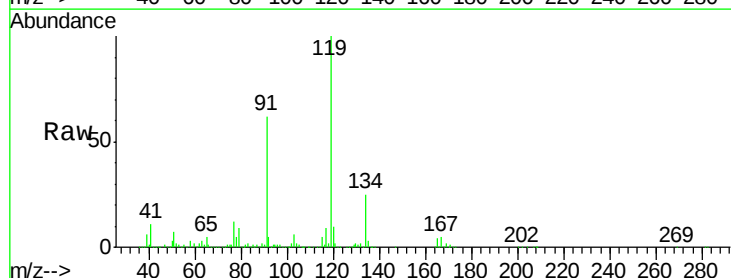
Tgt Ion: 119 Resp: 520766

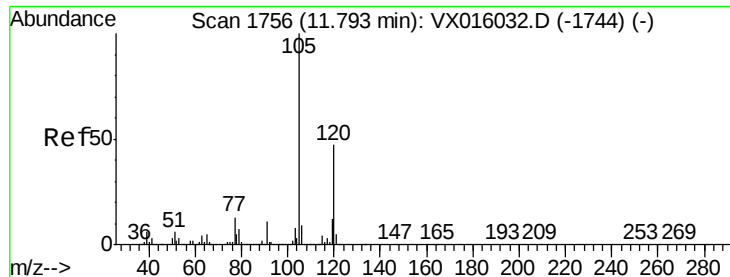
Ion Ratio Lower Upper

119 100

91 60.4 32.8 98.4

134 24.0 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 47.172 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion:105 Resp: 578050

Ion Ratio Lower Upper

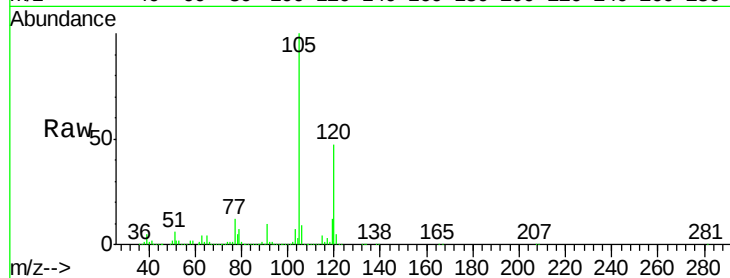
105 100

120 45.8 23.0 69.0

Manual Integrations
APPROVED

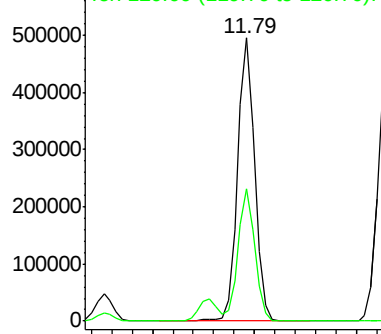
MMDadoda

5/19/2020 2:27:10 PM

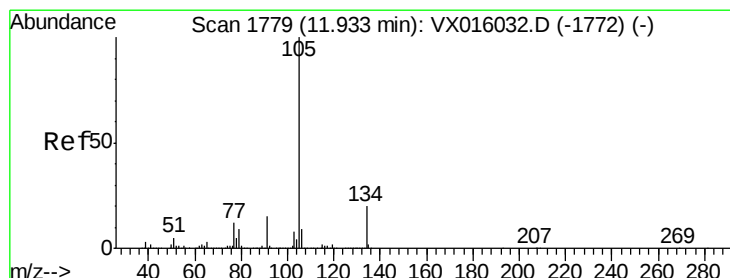
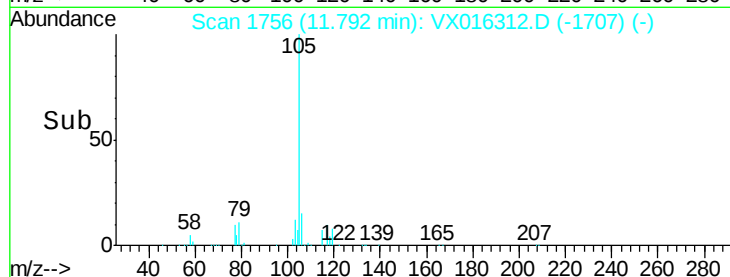


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#85

sec-Butylbenzene

Concen: 42.528 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016312.D

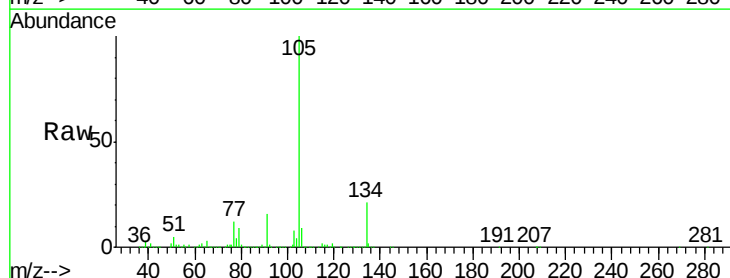
Acq: 18 May 2020 20:42

Tgt Ion:105 Resp: 599807

Ion Ratio Lower Upper

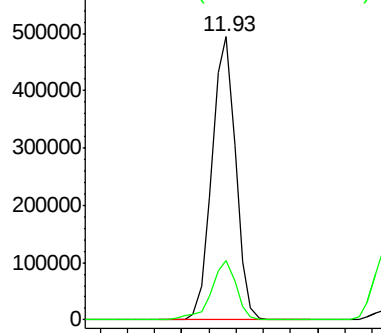
105 100

134 22.0 10.1 30.3

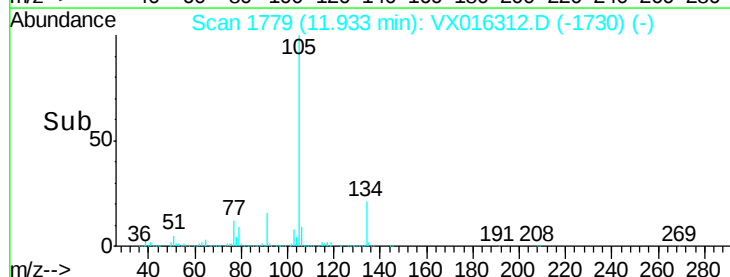


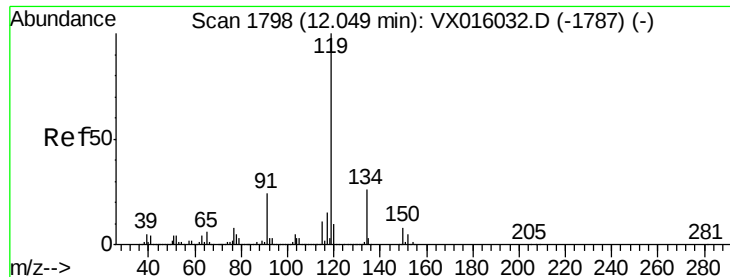
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->





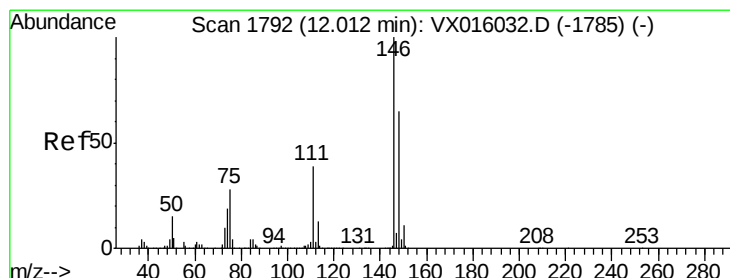
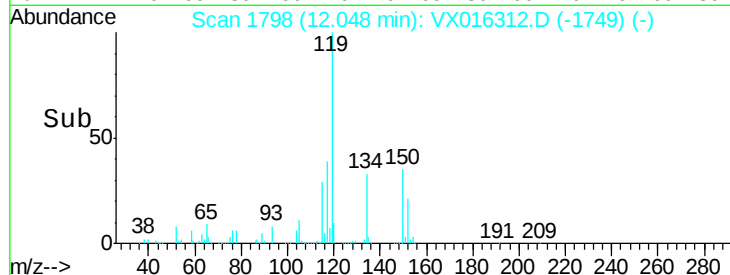
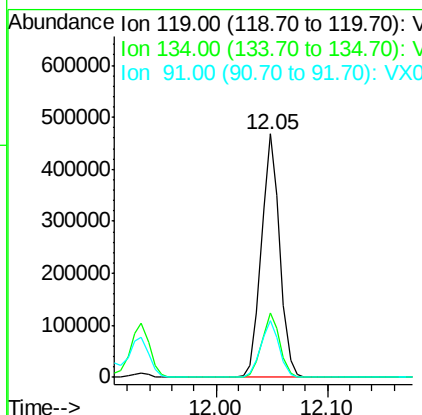
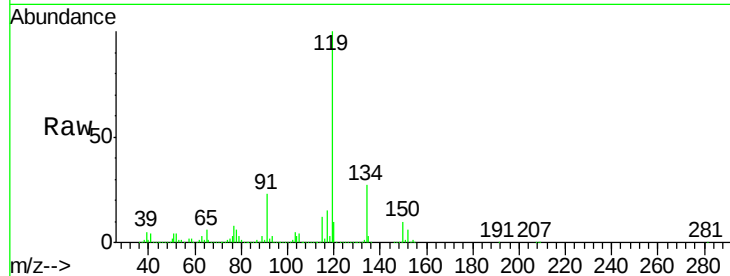
#86
p-Isopropyltoluene
Concen: 41.319 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	541058		
134	26.1		13.1	39.3
91	23.1		11.8	35.4

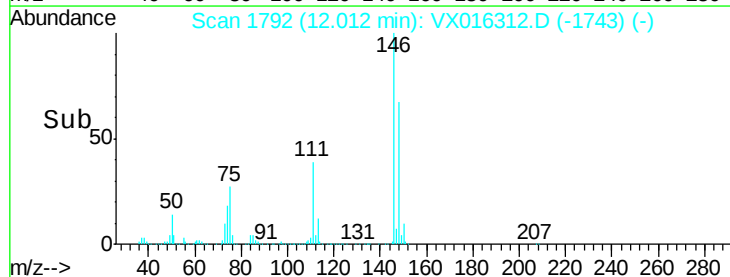
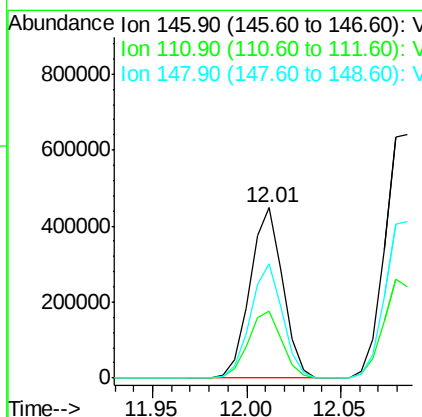
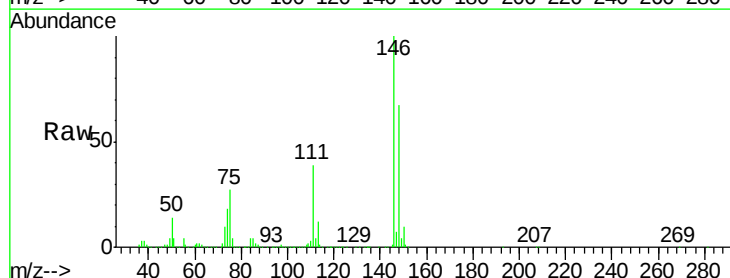
Manual Integrations
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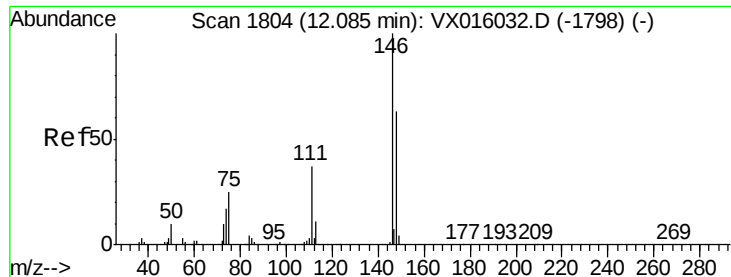
MMDadoda
5/19/2020 2:27:10 PM



#87
1,3-Dichlorobenzene
Concen: 81.062 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	539326		
111	40.3		20.2	60.6
148	65.5		32.1	96.3





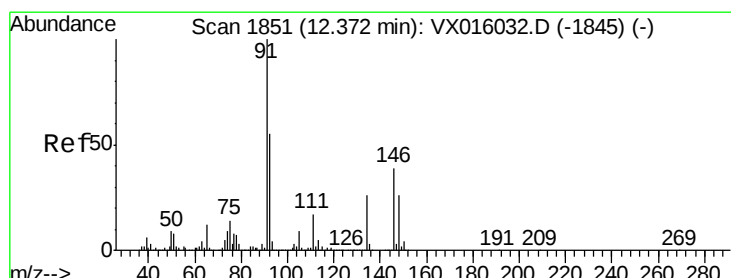
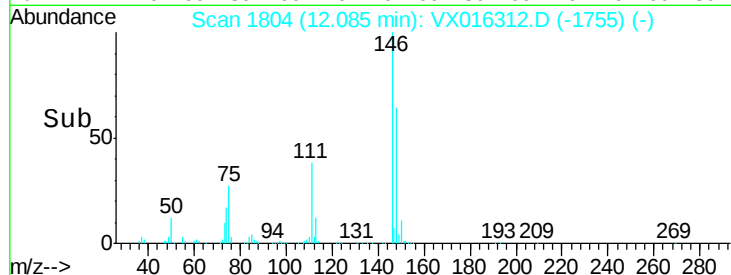
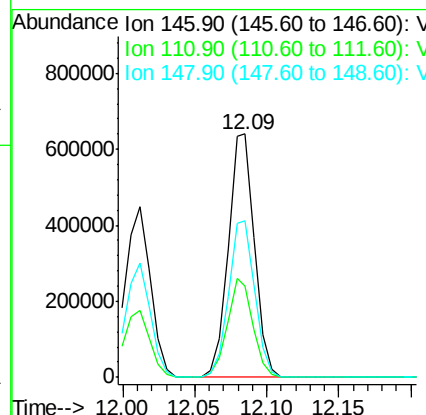
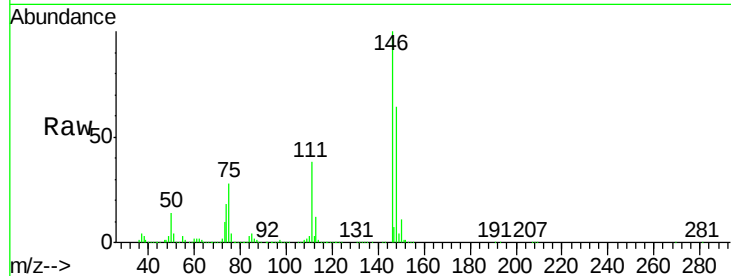
#88
 1,4-Dichlorobenzene
 Concen: 121.276 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.4	31.8	95.3

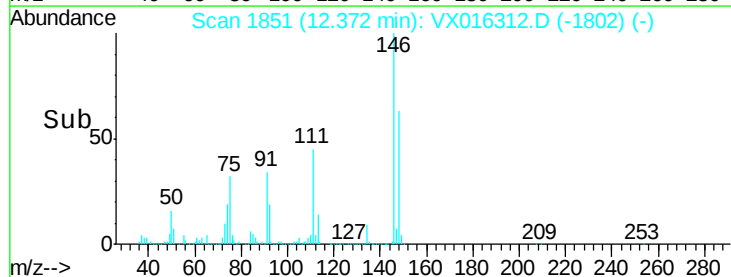
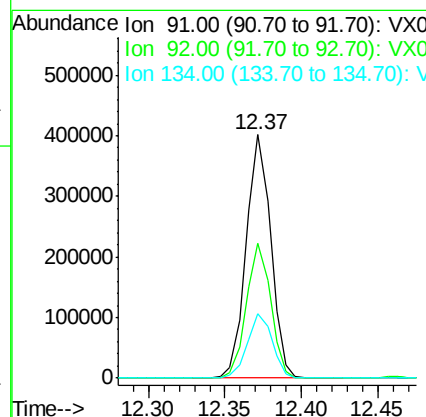
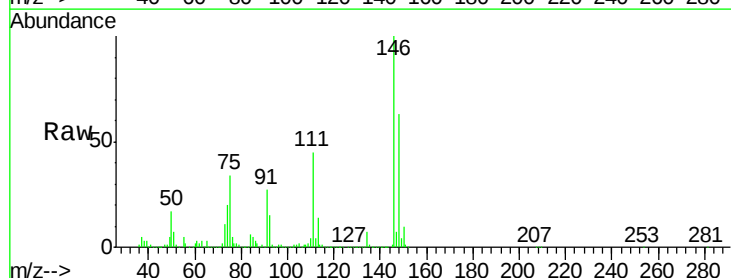
Manual Integrations
 APPROVED

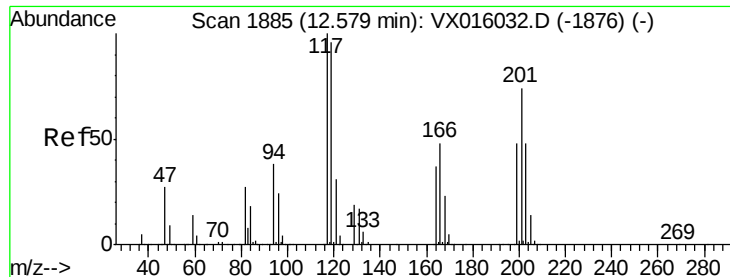
MMDadoda
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#89
 n-Butylbenzene
 Concen: 37.457 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	26.8	13.4	40.1





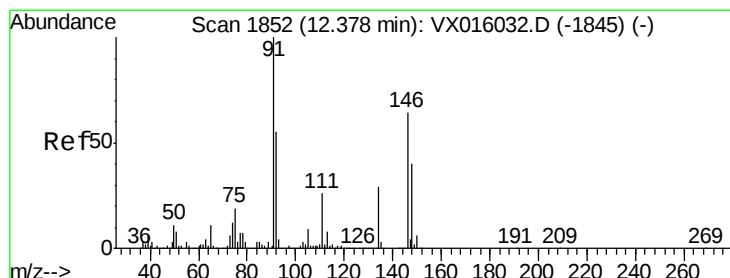
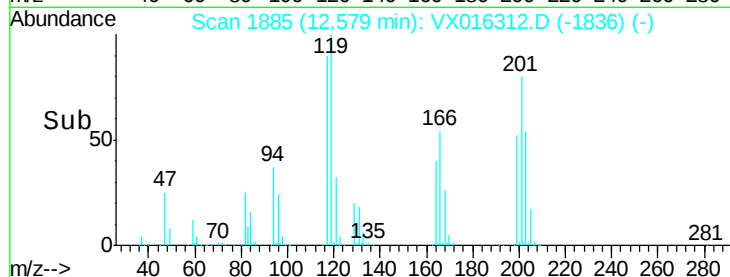
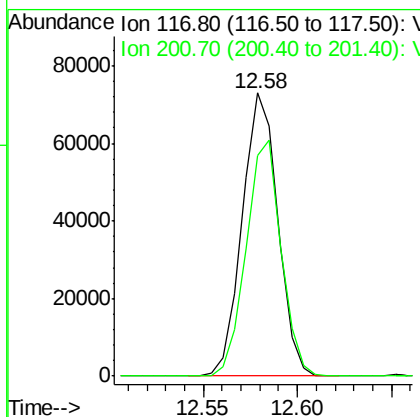
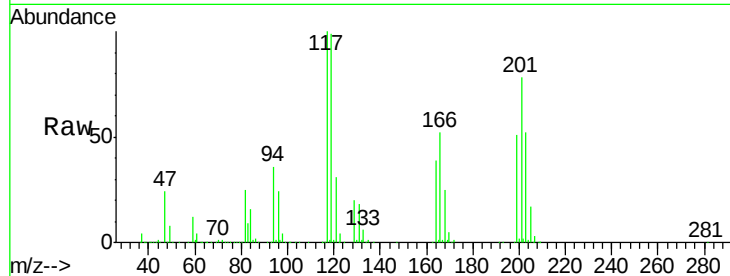
#90
Hexachloroethane
Concen: 42.451 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion:117 Resp: 95466
Ion Ratio Lower Upper
117 100
201 82.0 39.8 119.3

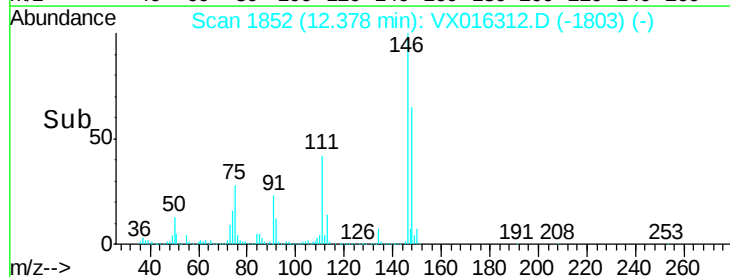
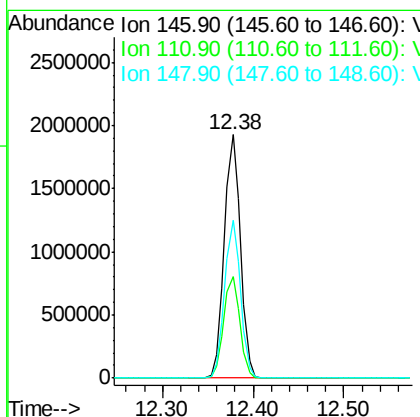
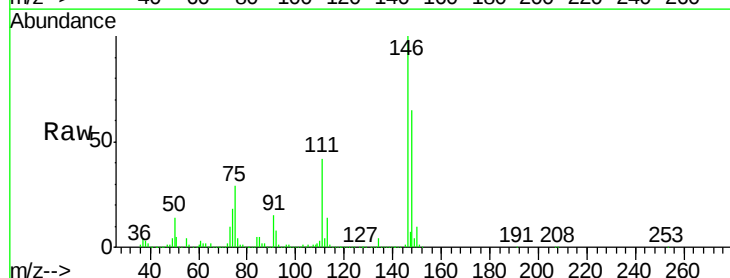
Manual Integrations
APPROVED

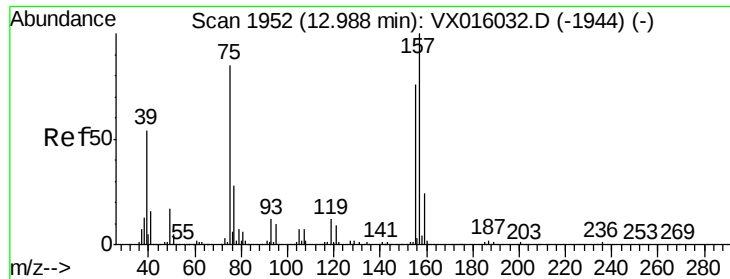
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 372.146 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion:146 Resp: 2384127
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.1
148 64.0 32.4 97.0





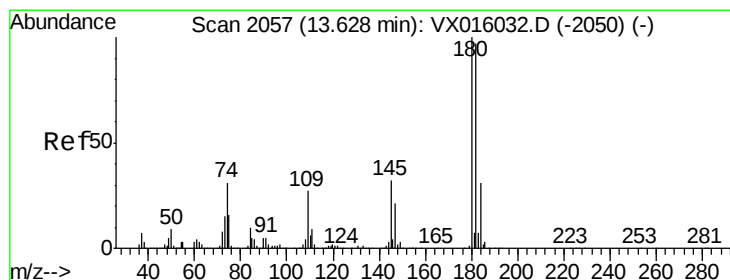
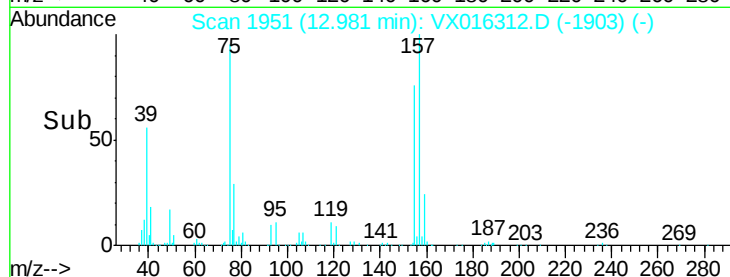
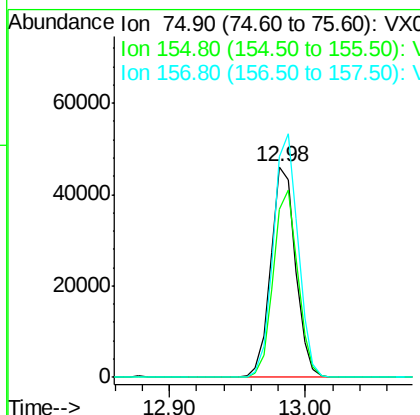
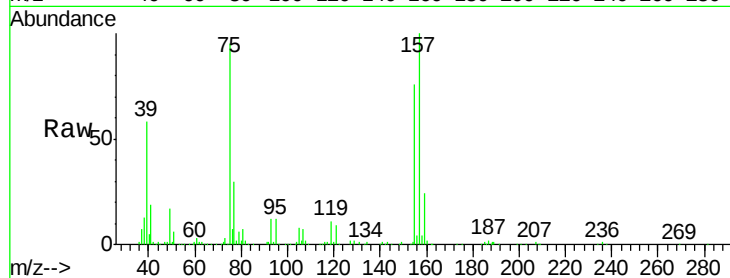
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.069 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	87.4	42.5	127.5
157	114.5	55.3	165.8

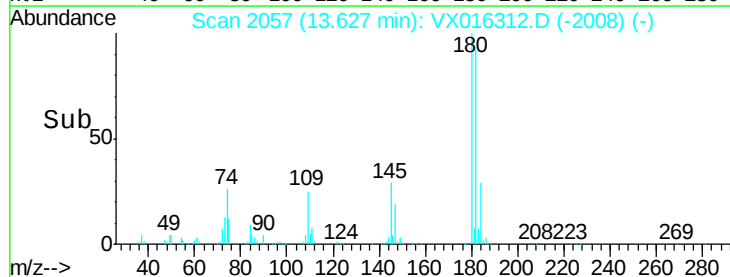
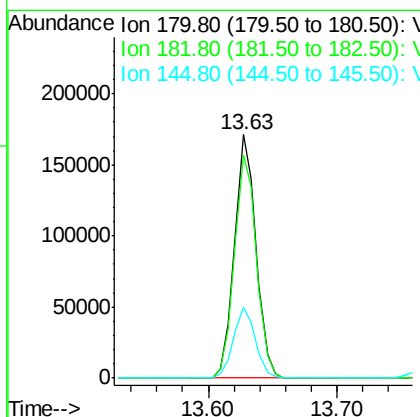
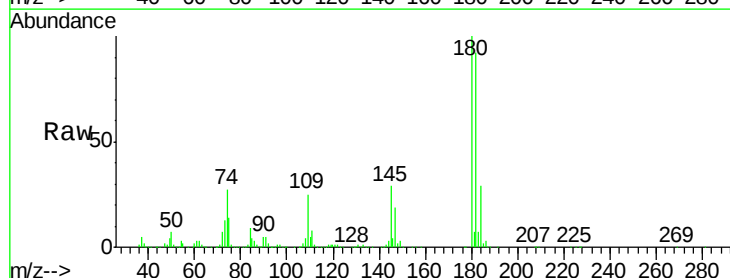
Manual Integrations
 APPROVED

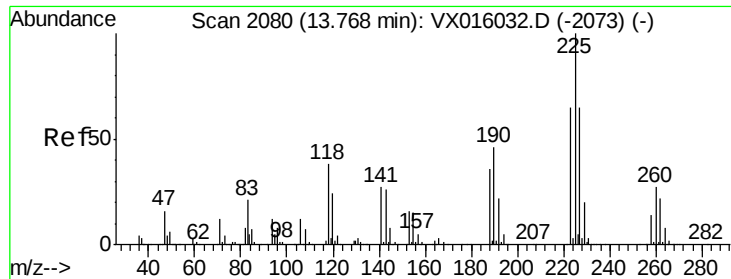
MMDadoda
 5/19/2020 2:27:10 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 42.204 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.7	146.1
145	29.6	15.7	47.1





#94

Hexachlorobutadiene

Concen: 32.345 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

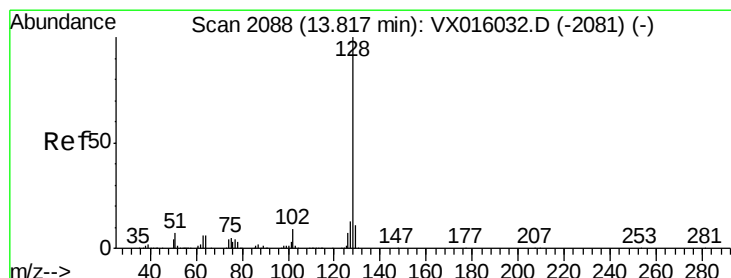
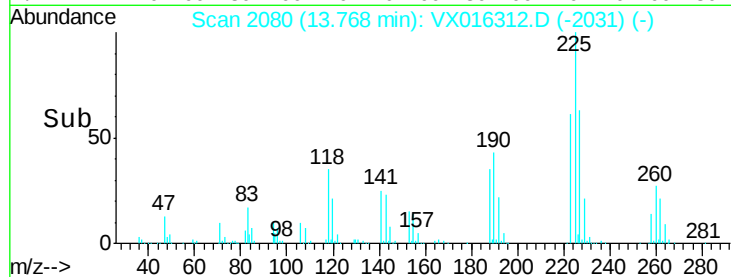
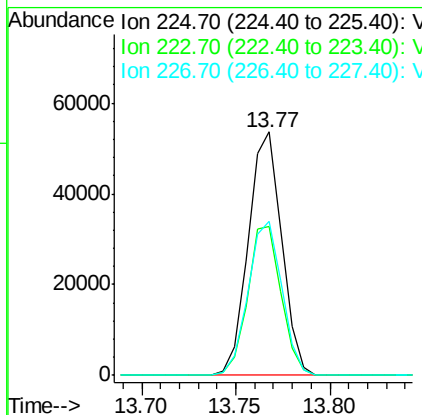
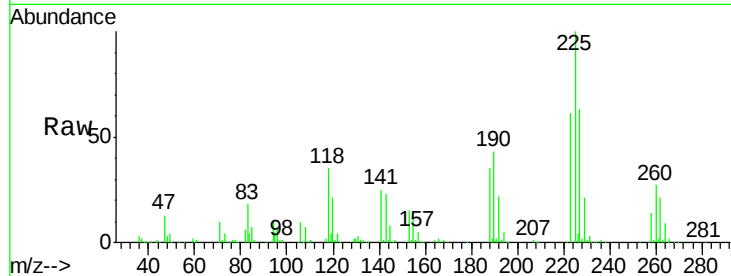
ClientSampleId :

WP021MW173-200514MS

Tot Ion:	225	Resp:	65679
Ion Ratio	Lower	Upper	
225	100		
223	61.8	32.3	96.9
227	64.0	31.8	95.4

Manual Integrations
APPROVED

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5/19/2020 2:27:10 PM



#95

Naphthalene

Concen: 49.495 ug/l

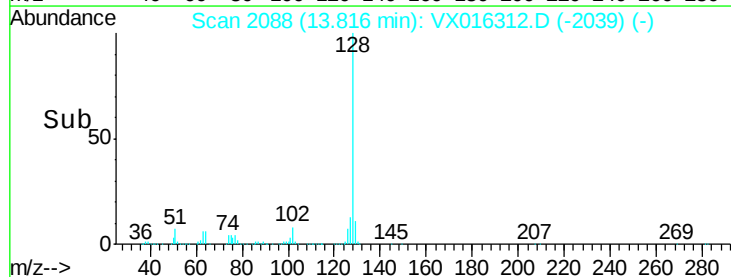
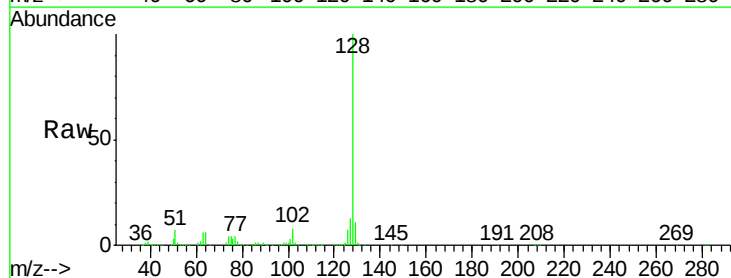
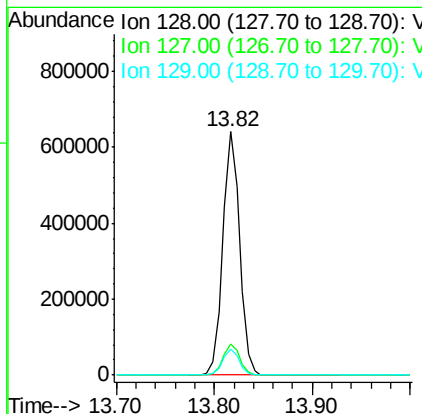
RT: 13.82 min Scan# 2088

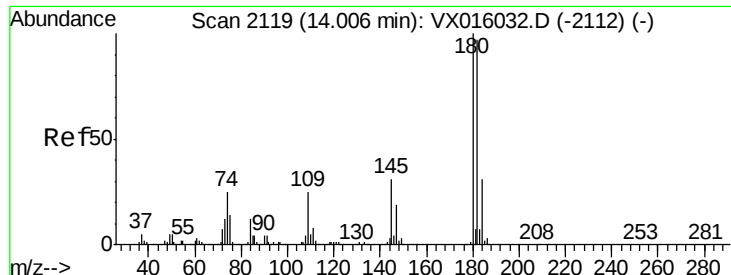
Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion:	128	Resp:	760144
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 41.222 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Tot Ion:	180	Resp:	191083
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.4	145.0
145	33.2	16.4	49.1

Manual Integrations
 APPROVED

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