

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016417.D
 Acq On : 22 May 2020 17:07
 Operator : JC/SP
 Sample : L2743-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:43:57 AM

Quant Time: May 23 03:44:26 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	161456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	296268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	291692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	146375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	120343	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	5.46	113	99964	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.70	98	355725	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.12	95	146994	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	57419	33.599	ug/l	99
3) Chloromethane	1.31	50	93542	47.132	ug/l	100
4) Vinyl Chloride	1.39	62	94739	44.742	ug/l	99
5) Bromomethane	1.62	94	46780	43.822	ug/l	96
6) Chloroethane	1.70	64	63948	49.635	ug/l	99
7) Trichlorofluoromethane	1.91	101	108458	39.015	ug/l	99
8) Diethyl Ether	2.17	74	66157	56.482	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	54717	34.116	ug/l	97
10) Methyl Iodide	2.49	142	85575	39.723	ug/l	99
11) Tert butyl alcohol	3.02	59	151205	281.440	ug/l	99
12) 1,1-Dichloroethene	2.35	96	74652	44.479	ug/l	97
13) Acrolein	2.27	56	101246	301.151	ug/l	98
14) Allyl chloride	2.70	41	147693	47.994	ug/l	93
15) Acrylonitrile	3.12	53	331160	297.127	ug/l	99
16) Acetone	2.42	43	250153	263.881	ug/l	91
17) Carbon Disulfide	2.54	76	214694	42.566	ug/l	99
18) Methyl Acetate	2.75	43	130474	55.977	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	356253	61.574	ug/l	99
20) Methylene Chloride	2.83	84	109319	55.939	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	97467	52.113	ug/l	93
22) Diisopropyl ether	3.82	45	313448	53.991	ug/l	94
23) Vinyl Acetate	3.79	43	1394352	272.992	ug/l	96
24) 1,1-Dichloroethane	3.67	63	179068	55.138	ug/l	99
25) 2-Butanone	4.64	43	438194	286.857	ug/l	95
26) 2,2-Dichloropropane	4.55	77	131413	44.308	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	124906	61.088	ug/l	92
28) Bromochloromethane	4.98	49	74983	50.634	ug/l	# 13
29) Tetrahydrofuran	5.09	42	289098	285.622	ug/l	92
30) Chloroform	5.18	83	190763	58.995	ug/l	97
31) Cyclohexane	5.54	56	97436	33.012	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	148761	50.612	ug/l	98
36) 1,1-Dichloropropene	5.77	75	114635	39.308	ug/l	99
37) Ethyl Acetate	4.79	43	161462	47.768	ug/l	96
38) Carbon Tetrachloride	5.76	117	122234	41.236	ug/l	94

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MMDadoda
 5/26/2020 11:43:57 AM

Quant Time: May 23 03:44:26 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)
39) Methylcyclohexane	7.44	83	88036	25.067	ug/l	96
40) Benzene	6.11	78	423450	49.625	ug/l	99
41) Methacrylonitrile	5.01	41	90792	49.737	ug/l	95
42) 1,2-Dichloroethane	6.17	62	154400	50.229	ug/l	97
43) Isopropyl Acetate	6.42	43	258763	47.980	ug/l	95
44) Trichloroethene	7.19	130	123617	40.778	ug/l	94
45) 1,2-Dichloropropane	7.49	63	111495	51.638	ug/l	99
46) Dibromomethane	7.64	93	79424	54.129	ug/l	98
47) Bromodichloromethane	7.88	83	160118	53.580	ug/l	99
48) Methyl methacrylate	7.74	41	124771	48.824	ug/l	91
49) 1,4-Dioxane	7.72	88	62667	1022.473	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	846789	256.582	ug/l	94
52) Toluene	8.77	92	270560	50.869	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	185650	52.104	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	192248	51.657	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	121352	57.991	ug/l	99
56) Ethyl methacrylate	9.16	69	193712	56.711	ug/l #	88
57) 1,3-Dichloropropane	9.35	76	202262	55.393	ug/l	100
59) 2-Hexanone	9.48	43	663416	255.970	ug/l	94
60) Dibromochloromethane	9.57	129	136246	59.116	ug/l	100
61) 1,2-Dibromoethane	9.65	107	129870	57.295	ug/l	100
64) Tetrachloroethene	9.32	164	131579	36.745	ug/l	99
65) Chlorobenzene	10.12	112	302090	49.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	116685	51.688	ug/l	99
67) Ethyl Benzene	10.24	91	494109	45.341	ug/l	99
68) m/p-Xylenes	10.34	106	381806	93.512	ug/l	99
69) o-Xylene	10.68	106	190790	48.613	ug/l	99
70) Stvrene	10.70	104	345276	51.857	ug/l	99
71) Bromoform	10.84	173	104657	56.903	ug/l #	99
73) Isopropylbenzene	11.01	105	450750	42.338	ug/l	99
74) N-amyl acetate	10.88	43	222079	44.720	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	155714	70.806	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	172768m	52.014	ug/l	
77) Bromobenzene	11.24	156	136949	49.835	ug/l	97
78) n-propylbenzene	11.35	91	503662	40.665	ug/l	100
79) 2-Chlorotoluene	11.40	91	338932	46.360	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	396826	44.145	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	70474	50.562	ug/l	93
82) 4-Chlorotoluene	11.49	91	400276	46.365	ug/l	100
83) tert-Butylbenzene	11.76	119	324358	41.870	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	413670	45.518	ug/l	100
85) sec-Butylbenzene	11.93	105	363660	34.768	ug/l	100
86) p-Isopropyltoluene	12.05	119	359942	37.065	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	232669	47.154	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	238323	47.588	ug/l	99
89) n-Butylbenzene	12.37	91	272707	30.739	ug/l	99
90) Hexachloroethane	12.58	117	65509	39.278	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	231516	48.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44346	50.656	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	137167	38.995	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	39269	26.178	ug/l	97
95) Naphthalene	13.82	128	547282	48.050	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136168	39.610	ug/l	99

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



#1

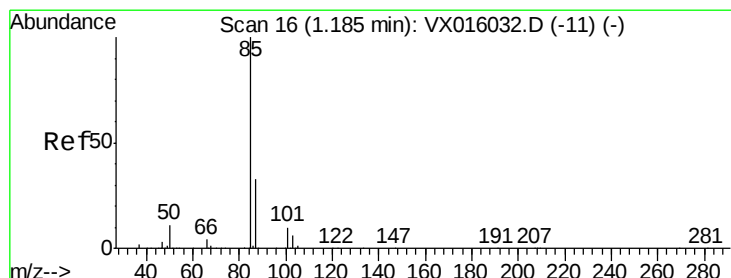
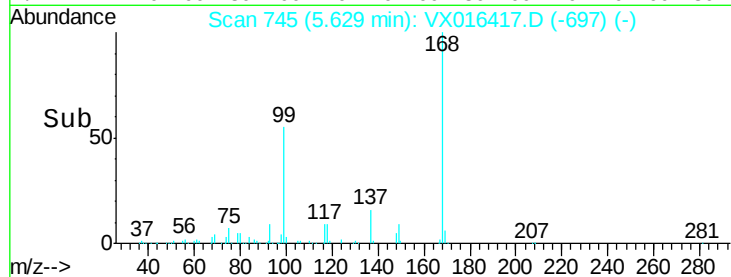
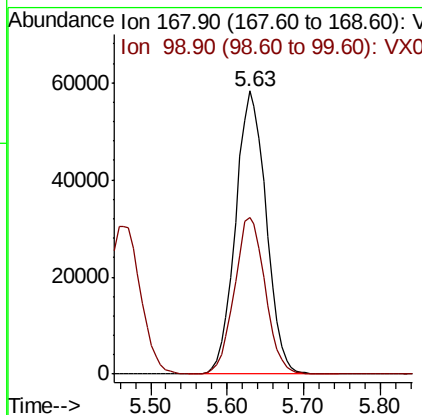
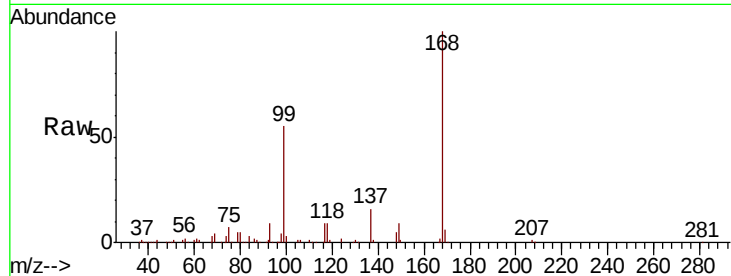
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
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 ClientSampleId :
 SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.3	45.0	67.4

Manual Integrations
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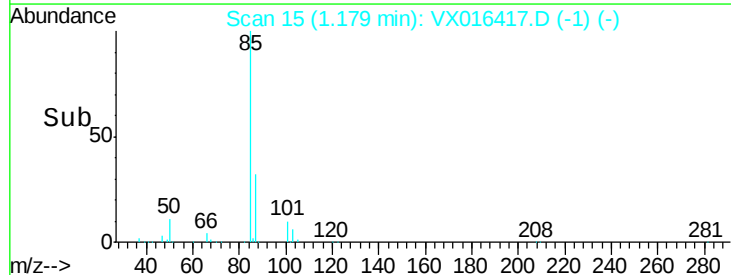
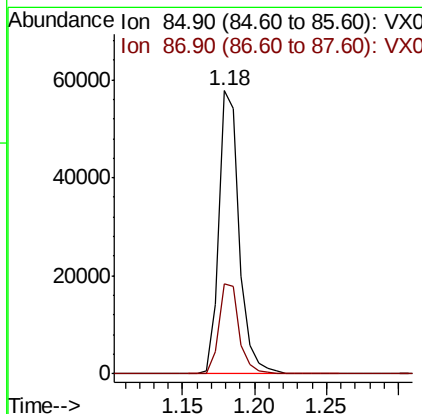
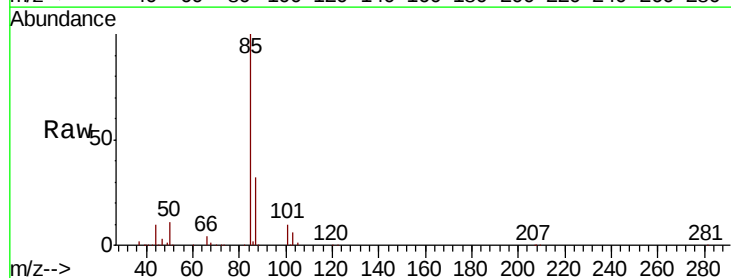
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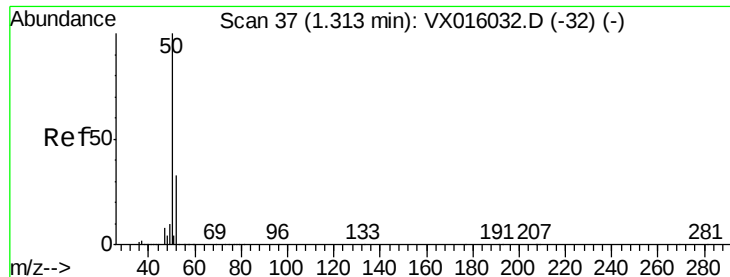


#2

Dichlorodifluoromethane
 Concen: 33.599 ug/l
 RT: 1.18 min Scan# 15
 Delta R.T. -0.01 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.4	49.1





#3

Chloromethane

Concen: 47.132 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion: 50 Resp: 93542

Ion Ratio Lower Upper

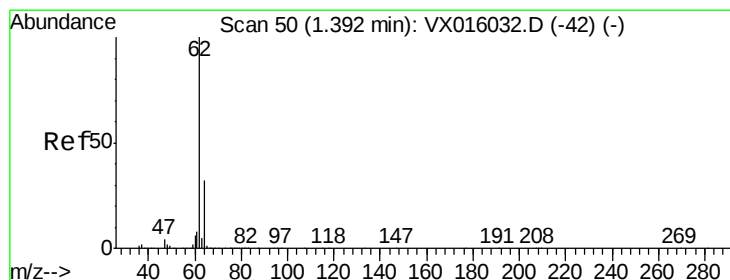
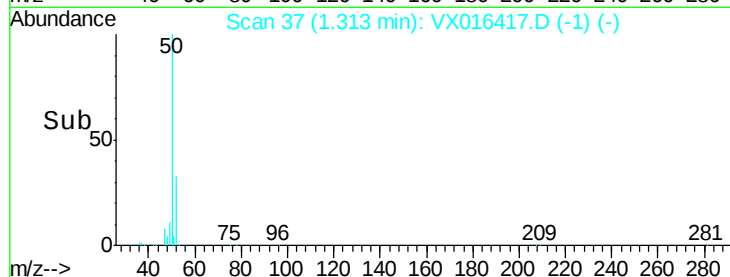
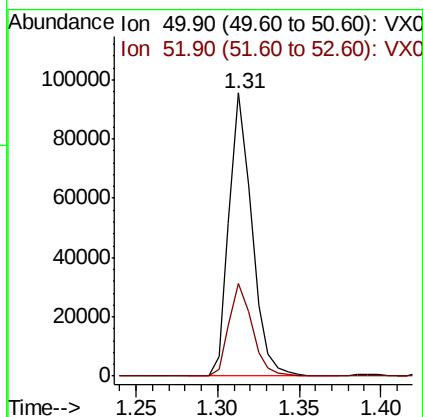
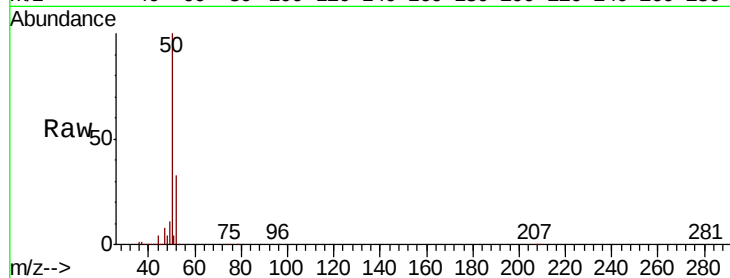
50 100

52 32.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 44.742 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016417.D

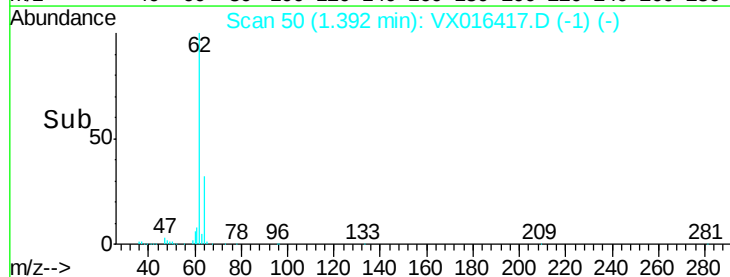
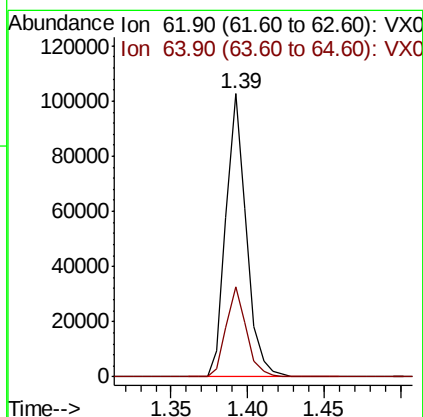
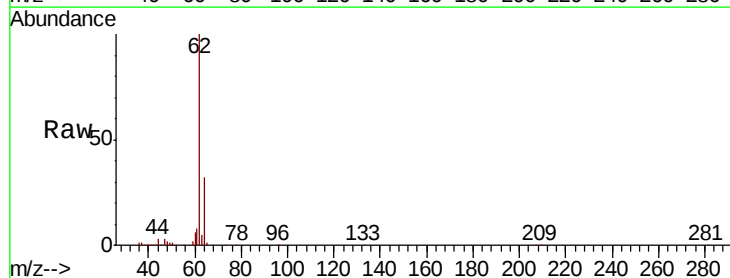
Acq: 22 May 2020 17:07

Tgt Ion: 62 Resp: 94739

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 43.822 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion: 94 Resp: 46780

Ion Ratio Lower Upper

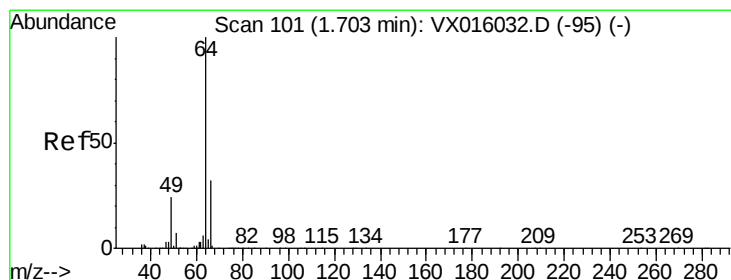
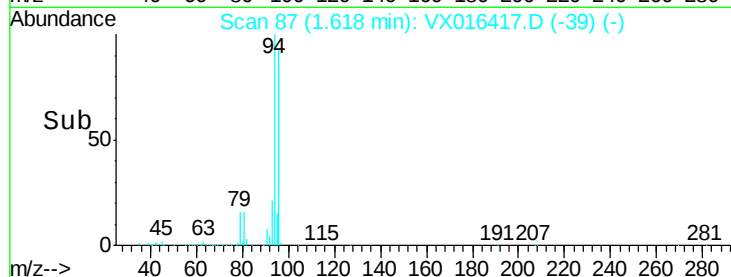
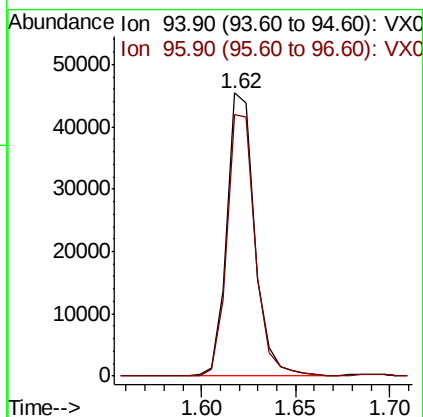
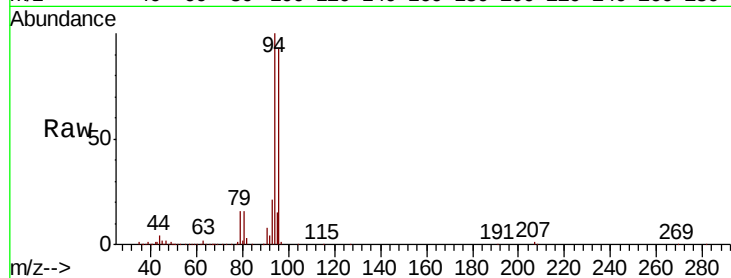
94 100

96 92.4 76.9 115.3

Manual Integrations
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#6

Chloroethane

Concen: 49.635 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016417.D

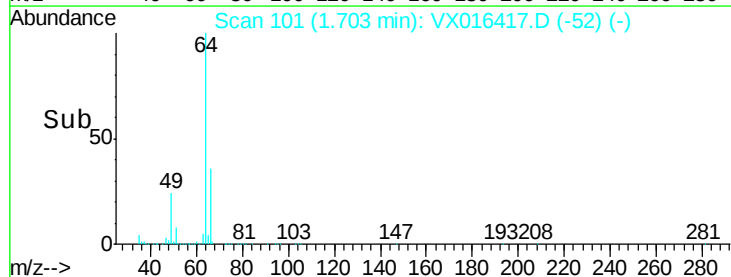
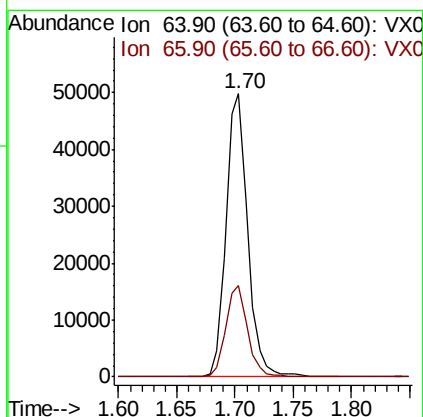
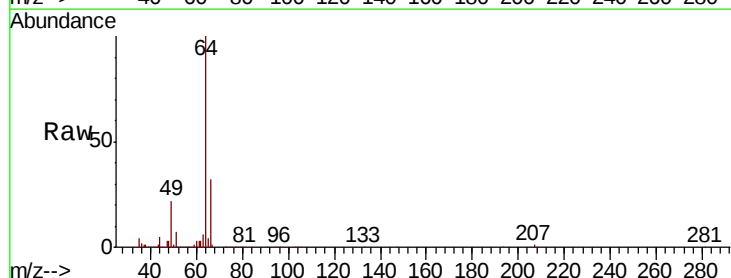
Acq: 22 May 2020 17:07

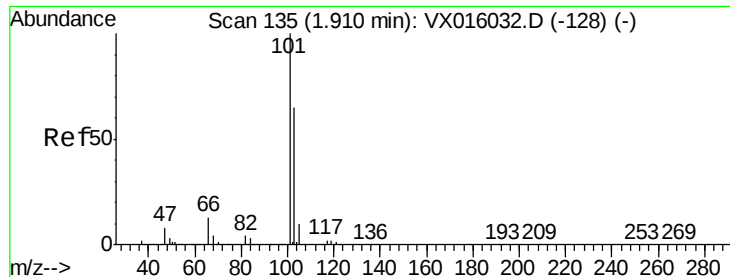
Tgt Ion: 64 Resp: 63948

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

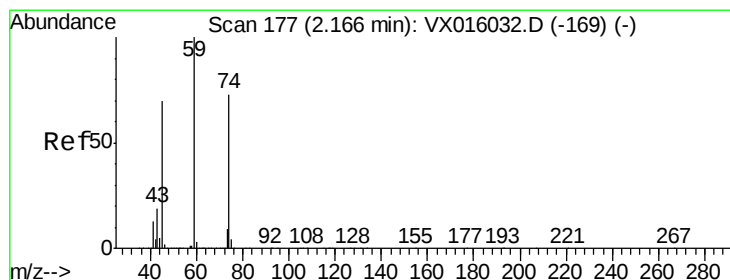
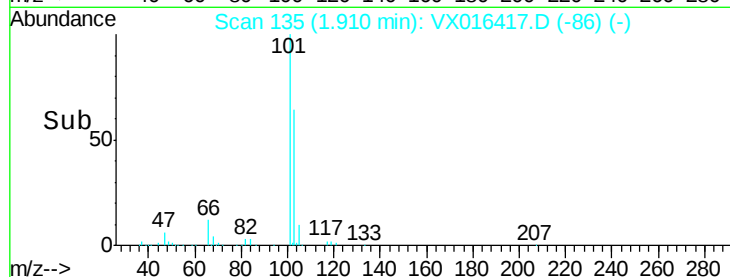
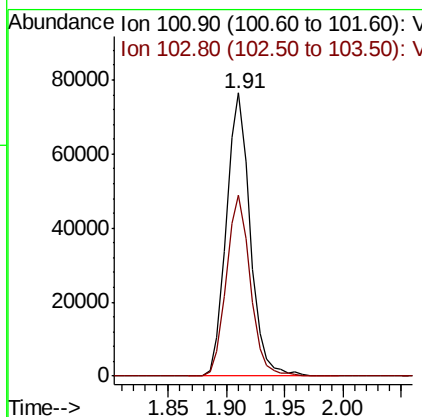
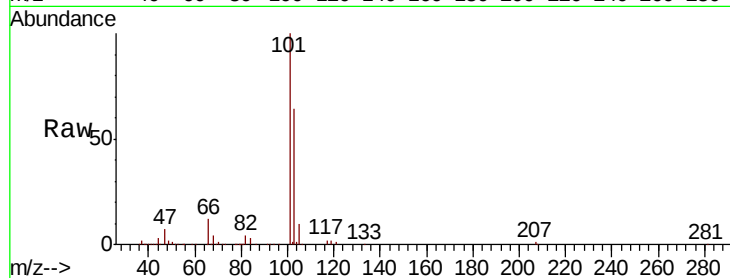
Trichlorofluoromethane
 Concen: 39.015 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.8	77.6

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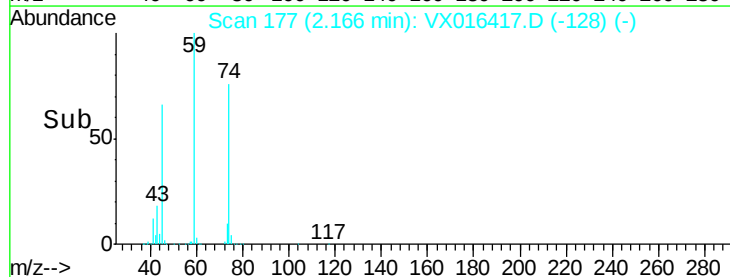
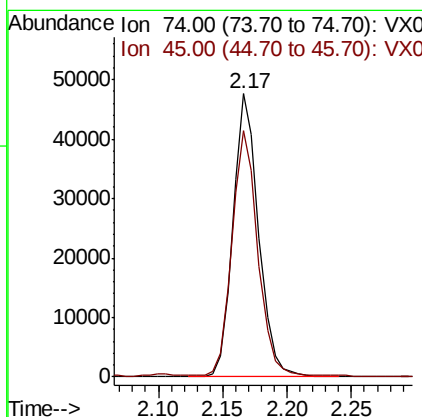
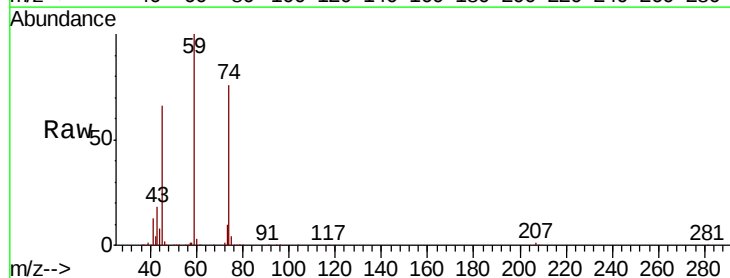
MMDadoda
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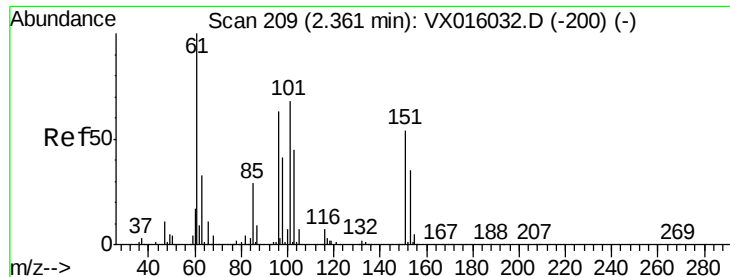


#8

Diethyl Ether
 Concen: 56.482 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.1	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.116 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

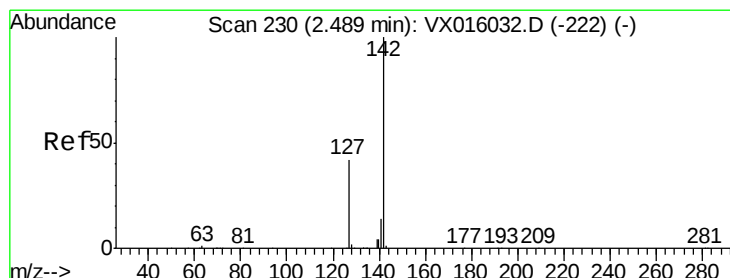
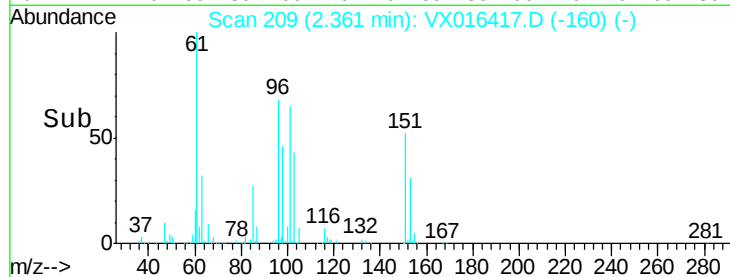
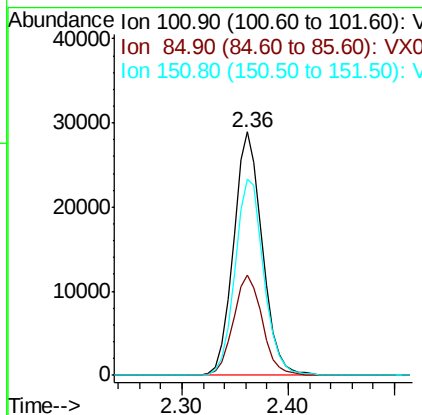
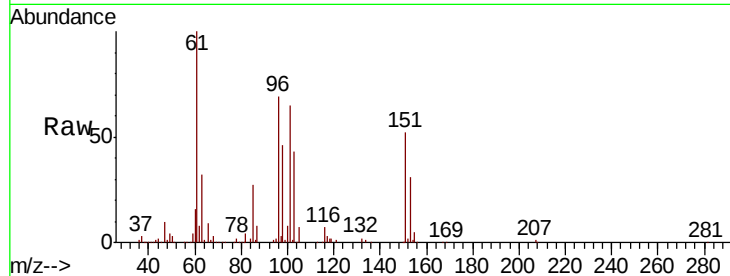
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	101	Resp:	54717
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.2	51.4
151	80.8	62.1	93.1

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#10

Methyl Iodide

Concen: 39.723 ug/l

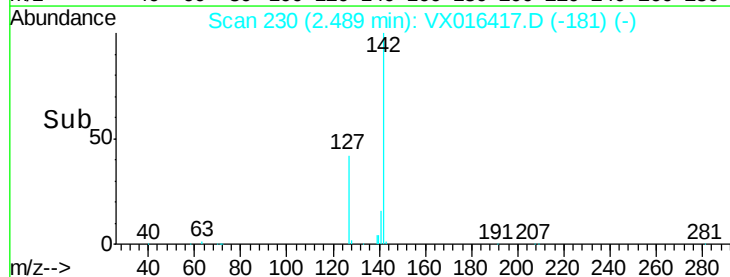
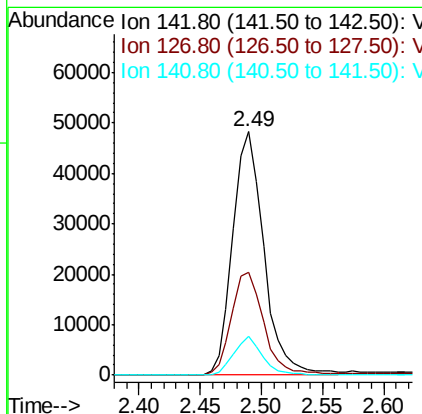
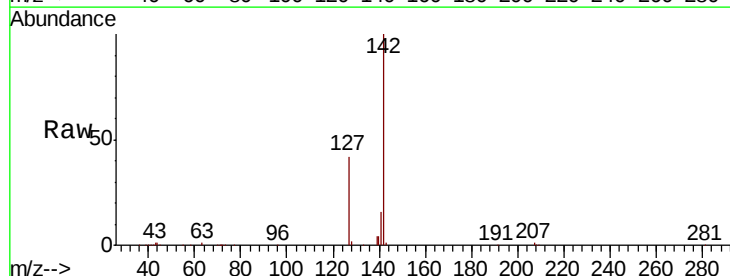
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	142	Resp:	85575
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.6	52.0
141	14.7	11.3	16.9





#11

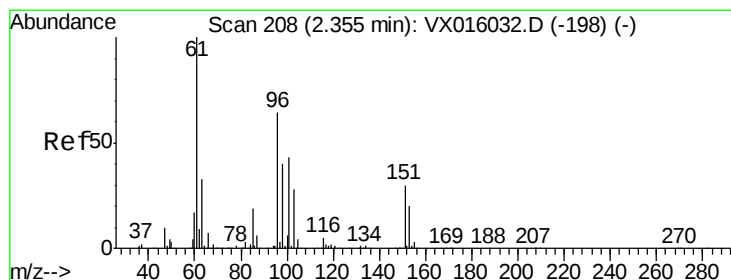
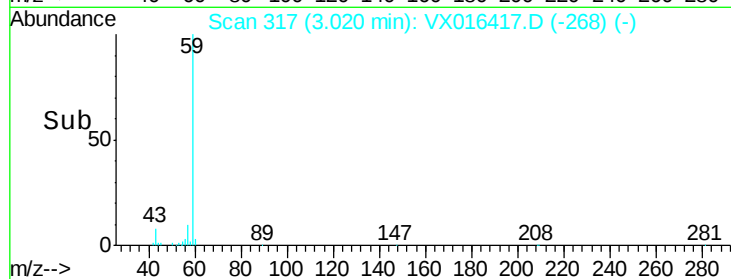
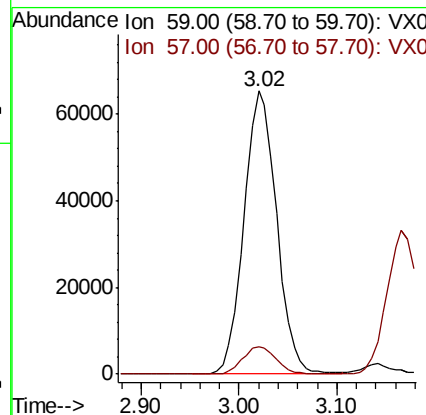
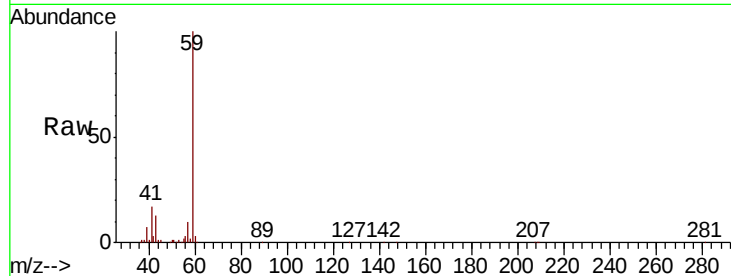
Tert butyl alcohol
Concen: 281.440 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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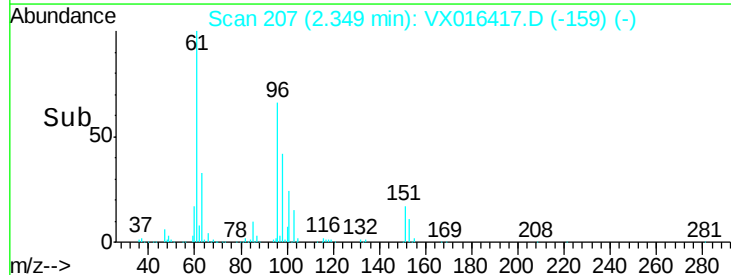
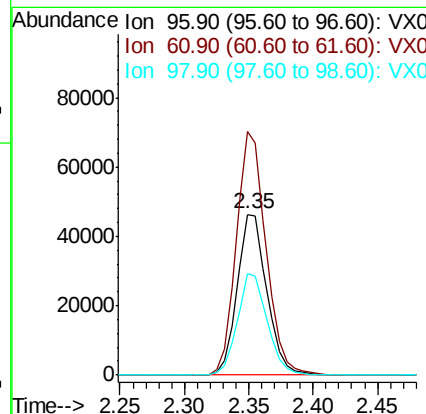
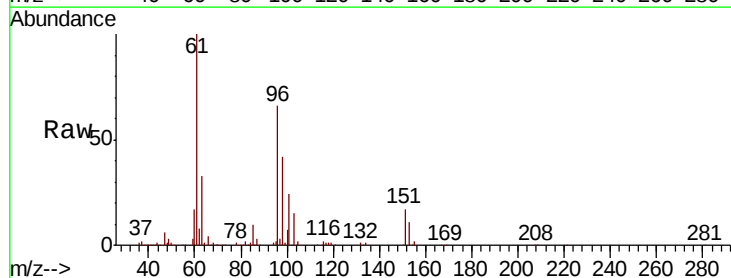
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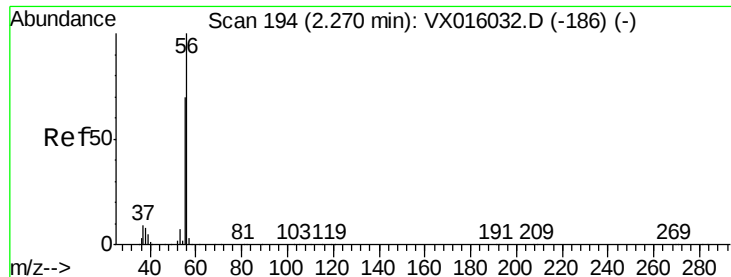


#12

1,1-Dichloroethene
Concen: 44.479 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	124.8	187.2
98	63.6	49.7	74.5





#13

Acrolein

Concen: 301.151 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

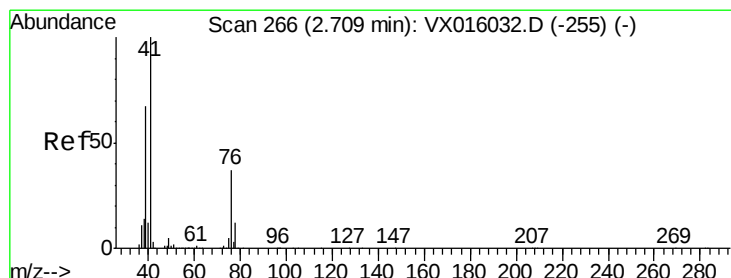
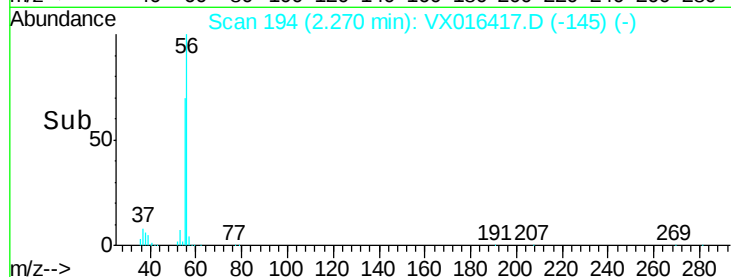
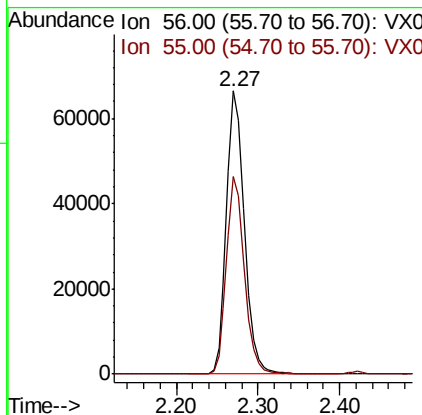
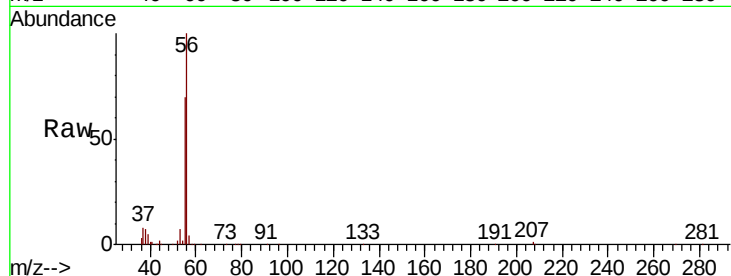
ClientSampleId :

SS042MW024-200521MSD

Tot Ion	56	Resp	101246
Ion Ratio	100	Lower	Upper
56	100		
55	69.2	56.5	84.7

Manual Integrations
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#14

Allyl chloride

Concen: 47.994 ug/l

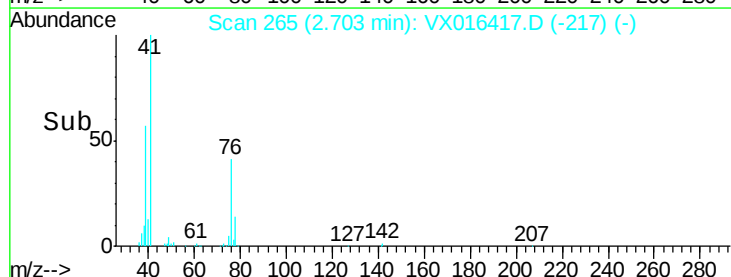
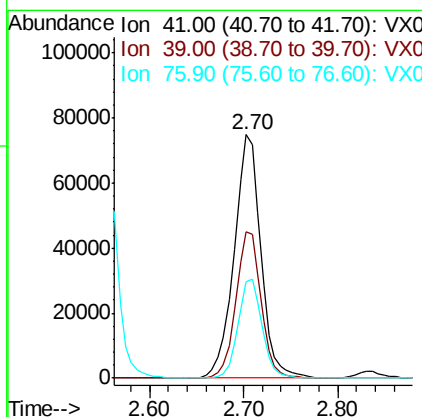
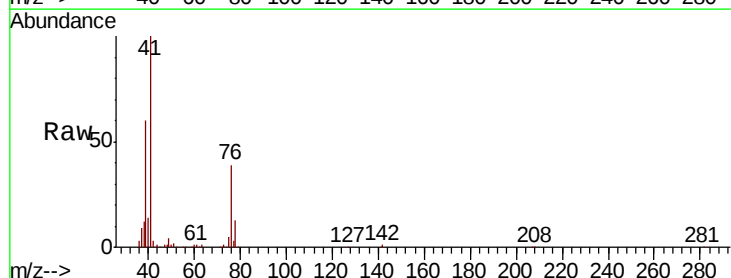
RT: 2.70 min Scan# 265

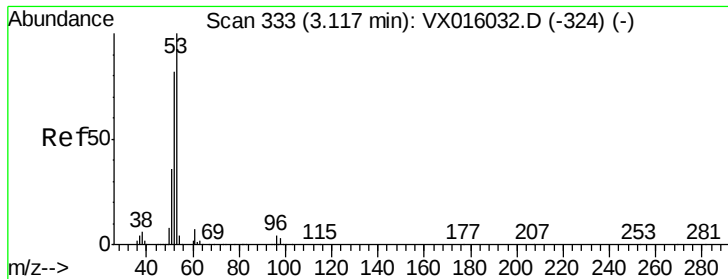
Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion	41	Resp	147693
Ion Ratio	100	Lower	Upper
41	100		
39	56.7	50.5	75.7
76	36.6	26.6	40.0





#15

Acrylonitrile

Concen: 297.127 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

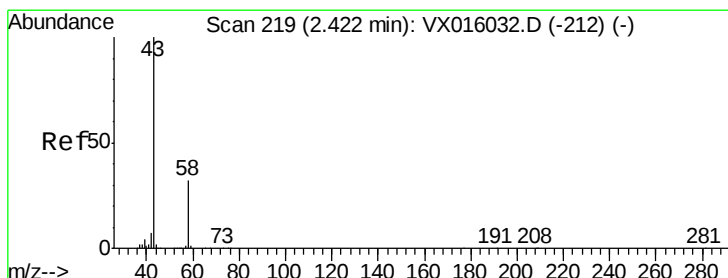
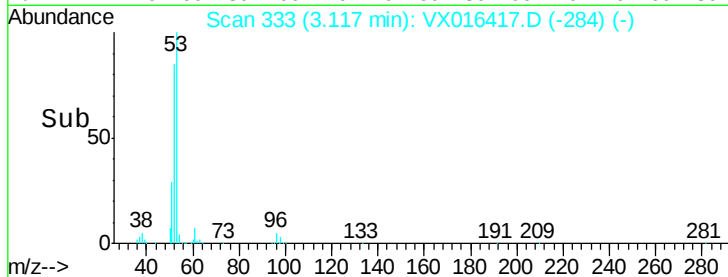
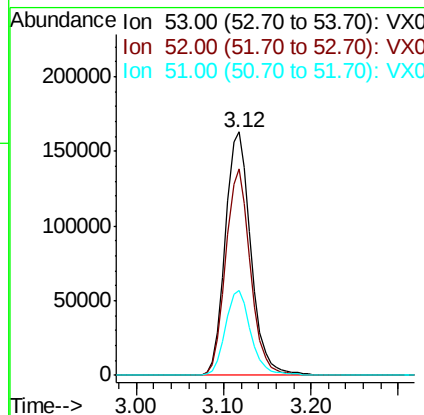
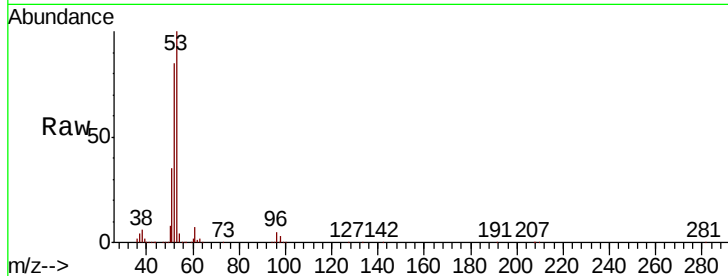
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	53	Resp:	331160
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.1	99.1
51	35.0	28.8	43.2

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#16

Acetone

Concen: 263.881 ug/l

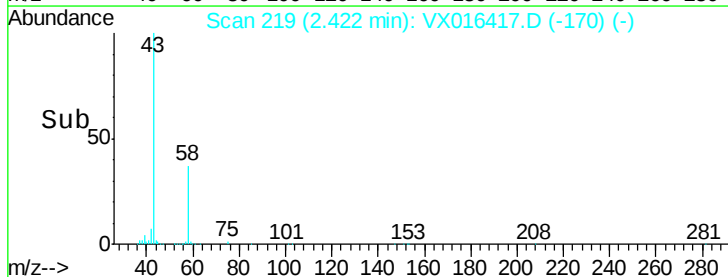
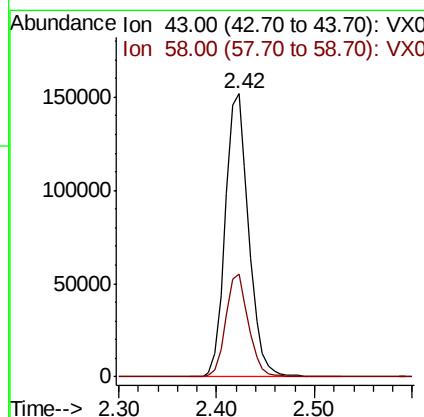
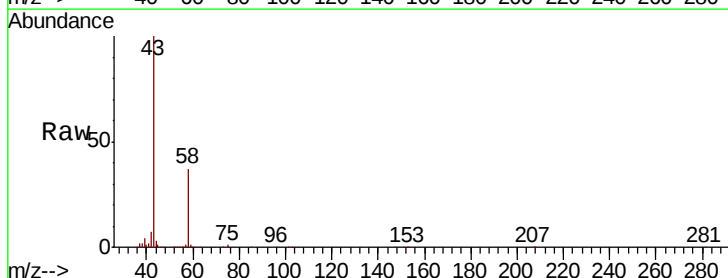
RT: 2.42 min Scan# 219

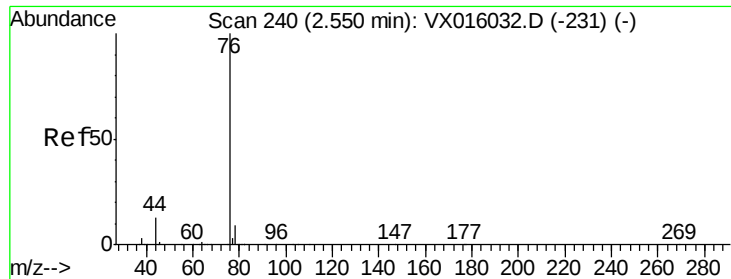
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	43	Resp:	250153
Ion Ratio	Lower	Upper	
43	100		
58	36.6	25.4	38.0





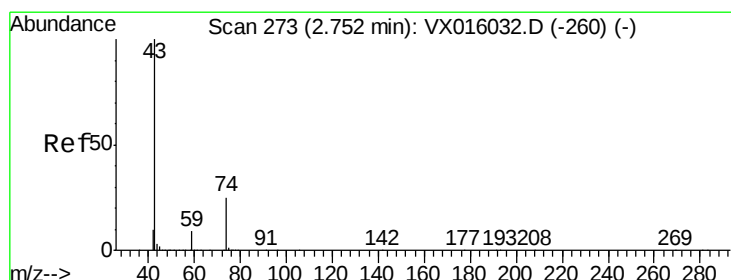
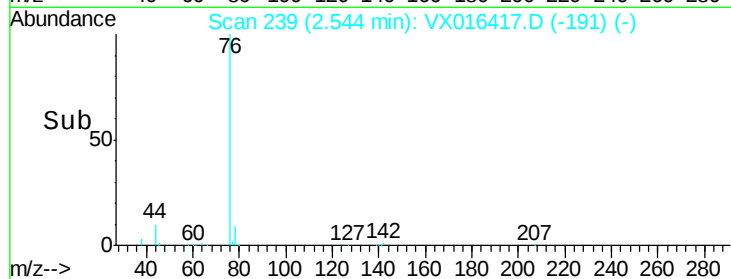
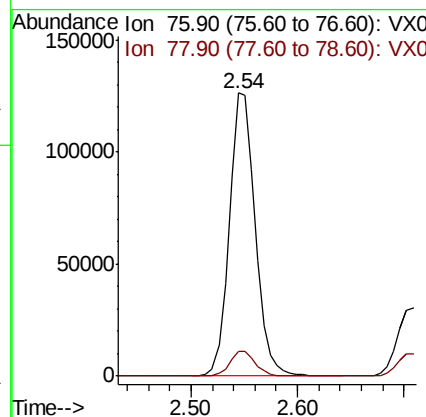
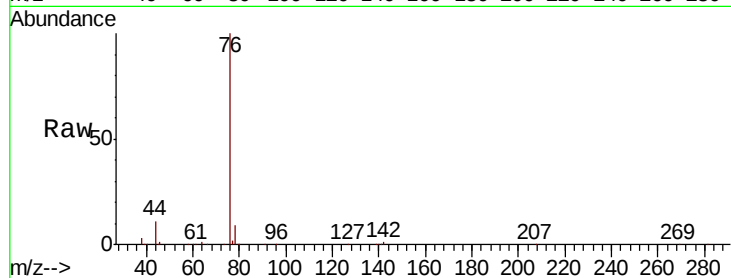
#17
Carbon Disulfide
Concen: 42.566 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

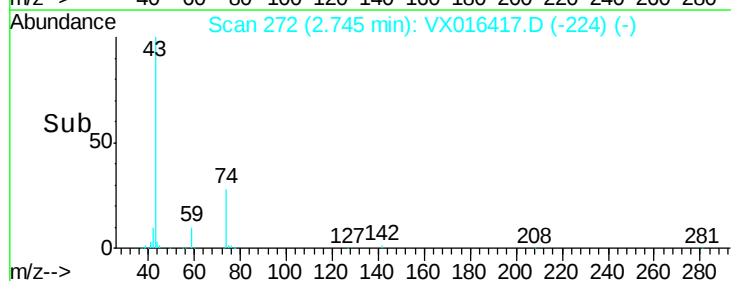
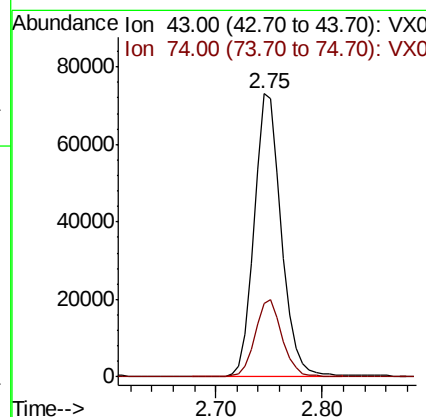
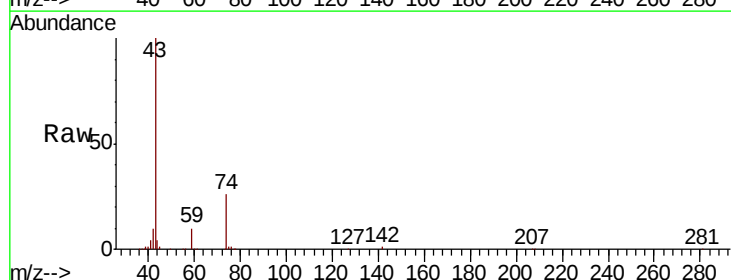
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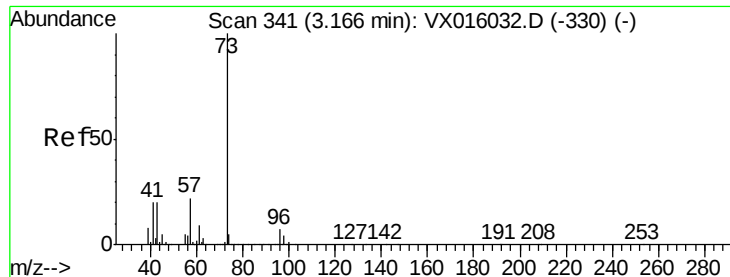
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#18
Methyl Acetate
Concen: 55.977 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	20.2	30.2





#19

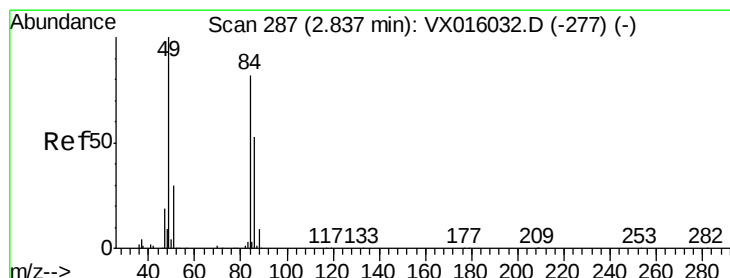
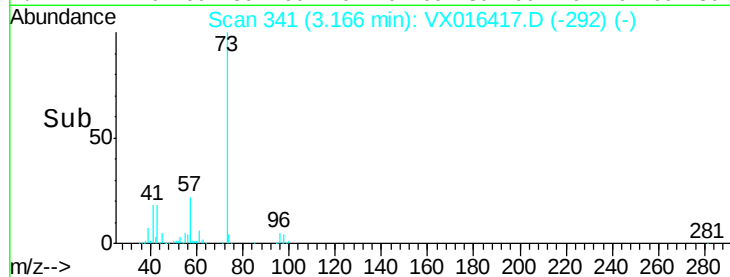
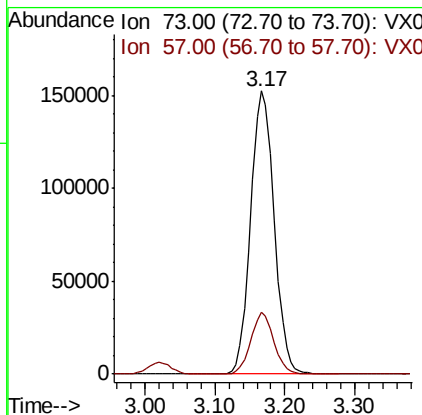
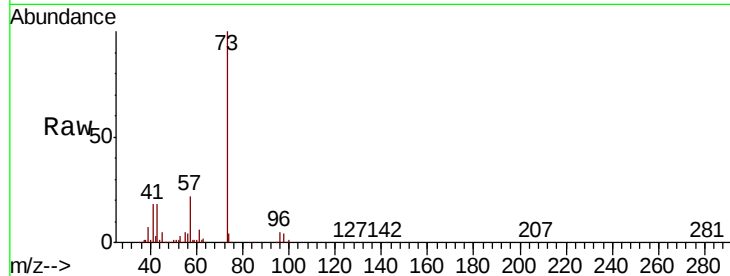
Methyl tert-butyl Ether
 Concen: 61.574 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.6

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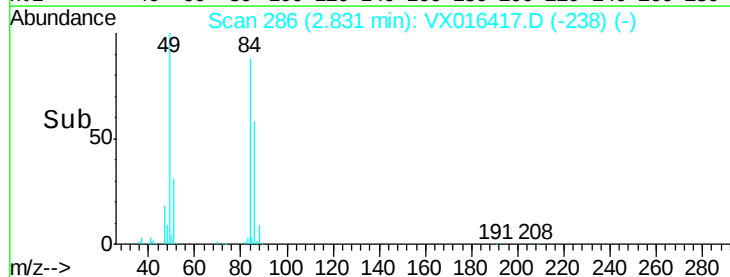
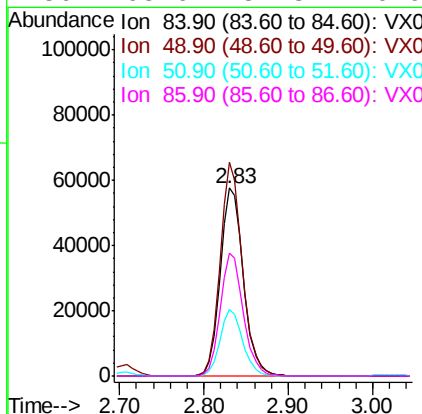
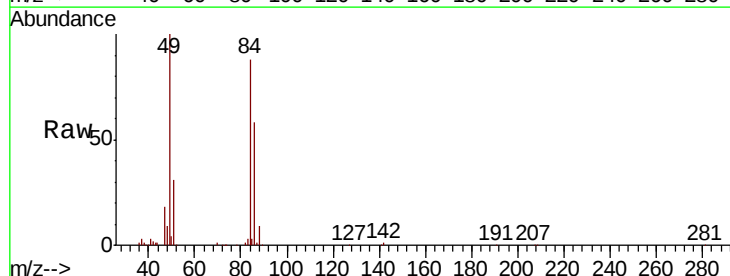
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#20

Methylene Chloride
 Concen: 55.939 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.7	97.3	145.9
51	35.4	29.3	43.9
86	65.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 52.113 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

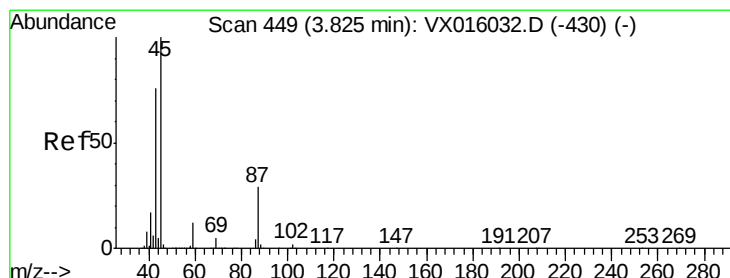
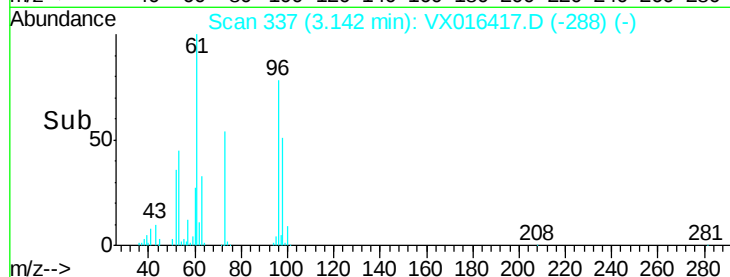
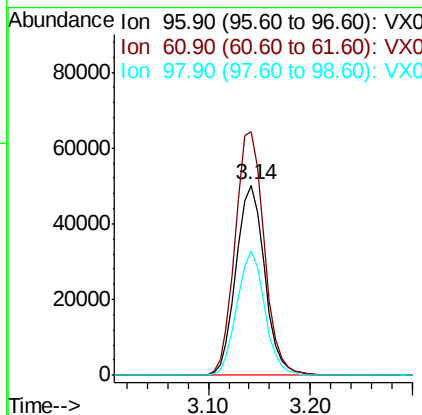
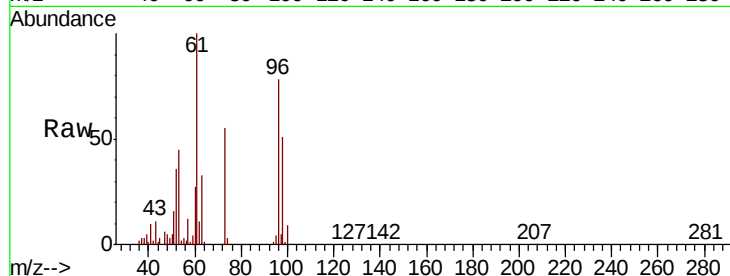
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	96	Resp:	97467
Ion	Ratio	Lower	Upper
96	100		
61	128.1	111.2	166.8
98	65.3	50.2	75.4

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#22

Diisopropyl ether

Concen: 53.991 ug/l

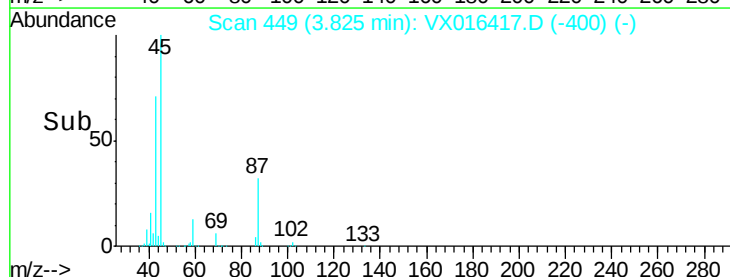
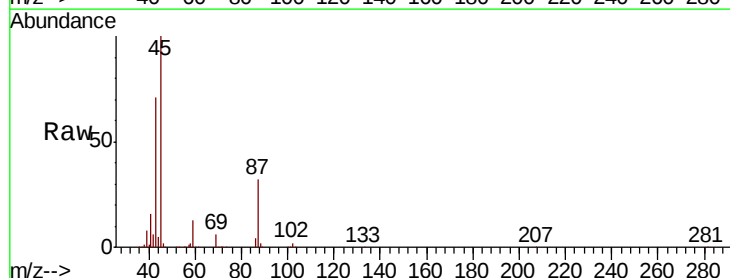
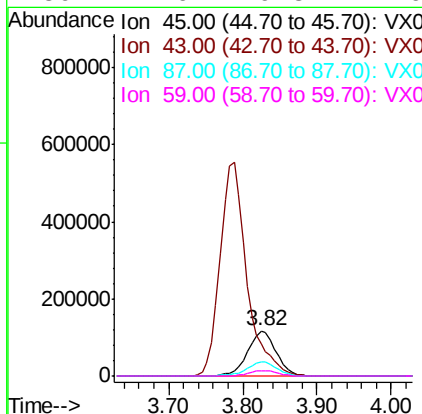
RT: 3.82 min Scan# 449

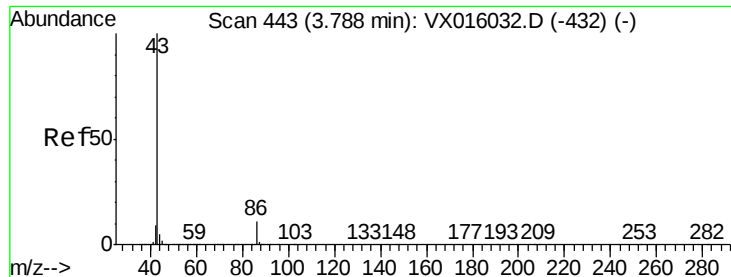
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	45	Resp:	313448
Ion	Ratio	Lower	Upper
45	100		
43	70.7	61.1	91.7
87	31.9	23.0	34.6
59	12.6	9.8	14.6





#23

Vinyl Acetate

Concen: 272.992 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion: 43 Resp: 1394352

Ion Ratio Lower Upper

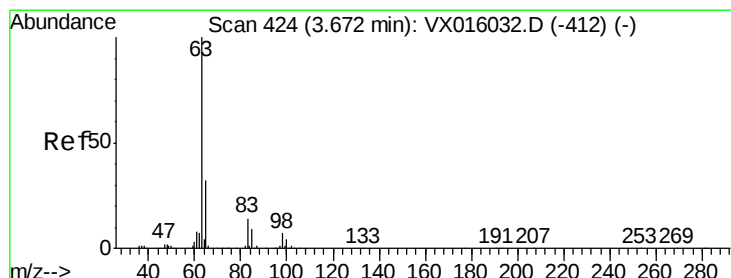
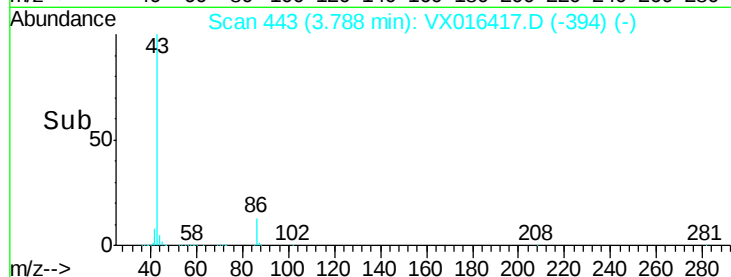
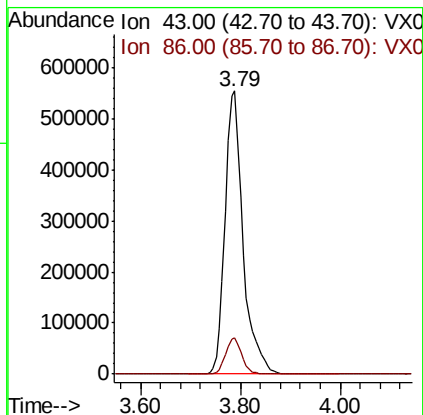
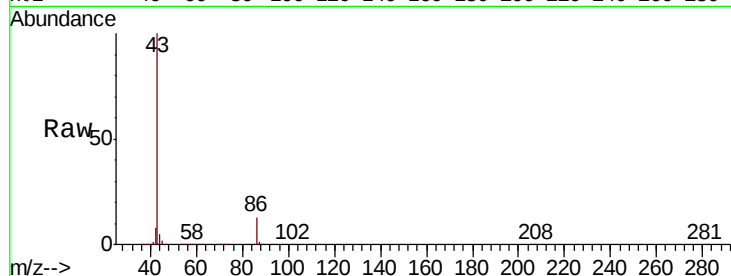
43 100

86 12.7 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 55.138 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

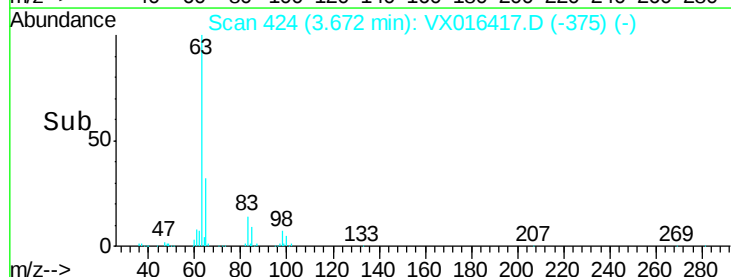
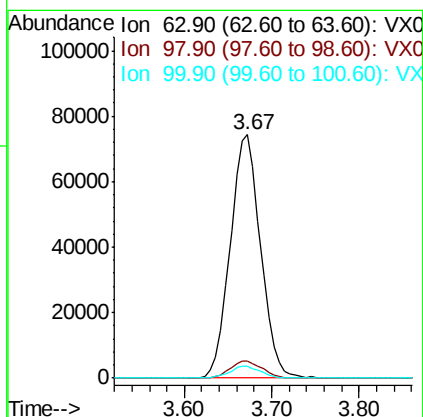
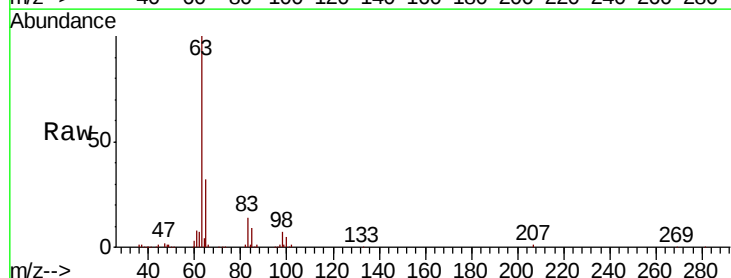
Tgt Ion: 63 Resp: 179068

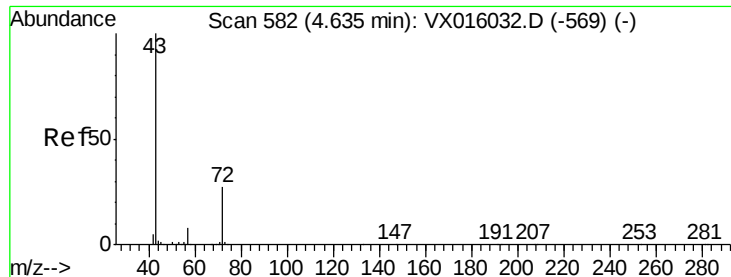
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.8 2.1 6.5





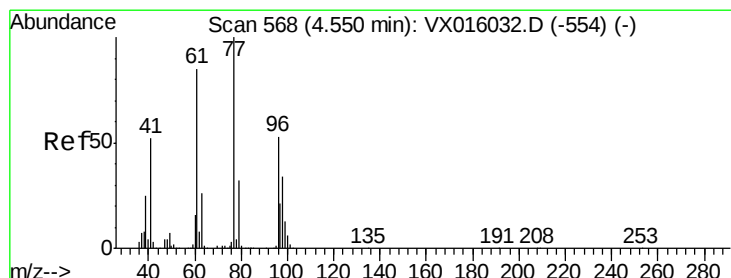
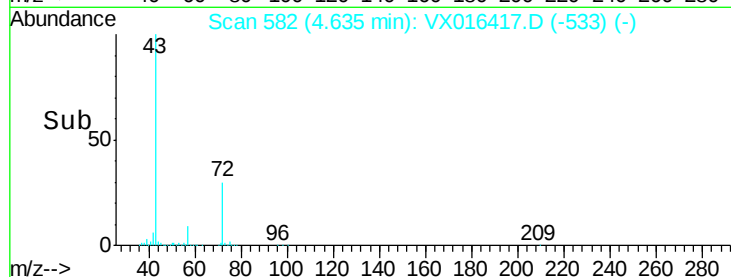
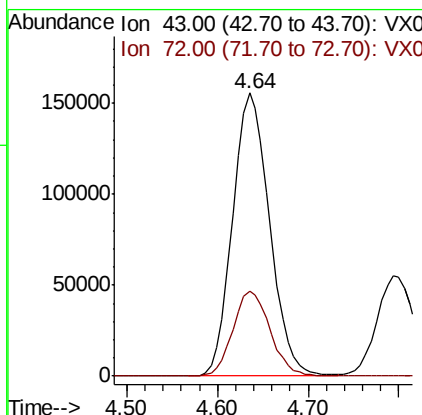
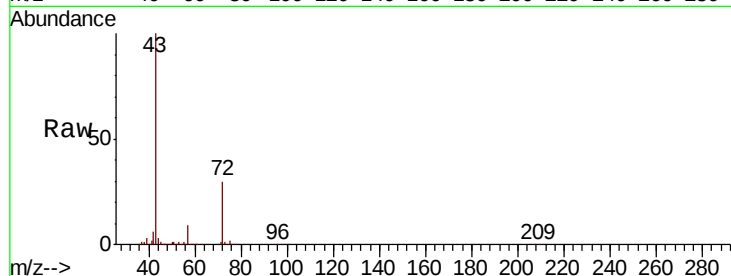
#25
2-Butanone
Concen: 286.857 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion: 43 Resp: 438194
Ion Ratio Lower Upper
43 100
72 30.1 21.8 32.8

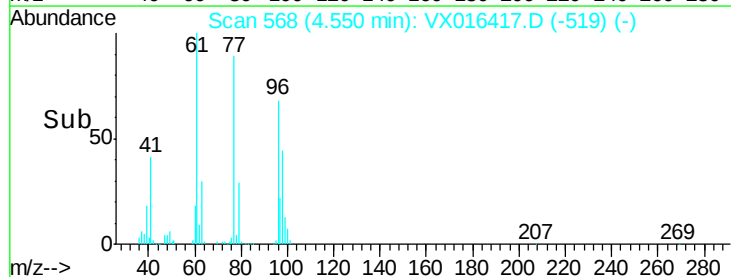
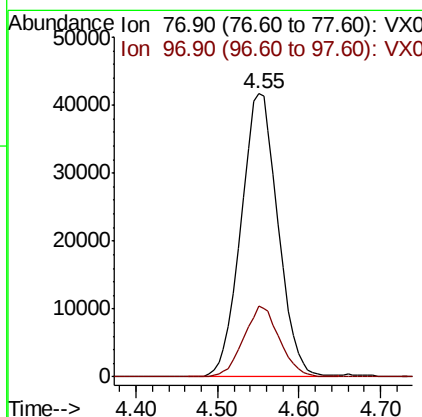
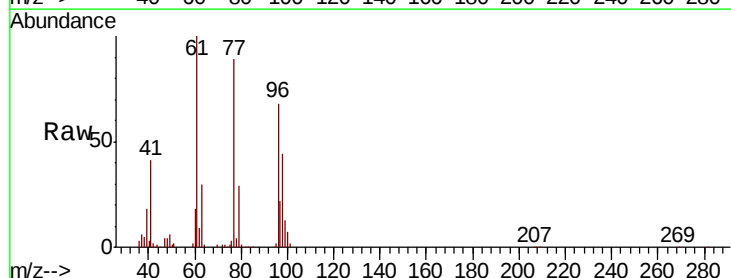
Manual Integrations
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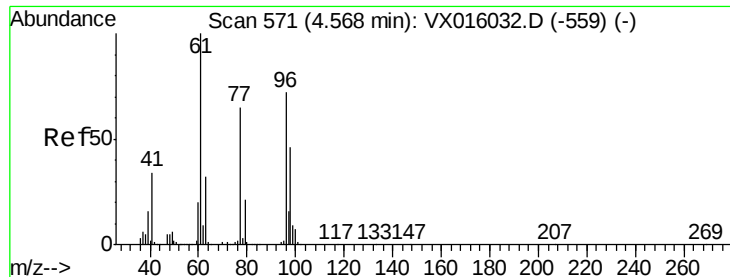
MMDadoda
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#26
2,2-Dichloropropane
Concen: 44.308 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion: 77 Resp: 131413
Ion Ratio Lower Upper
77 100
97 24.1 11.2 33.6





#27

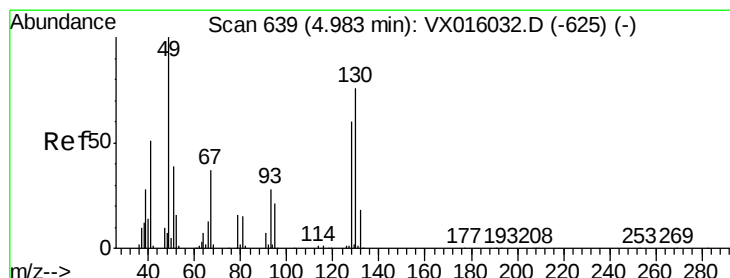
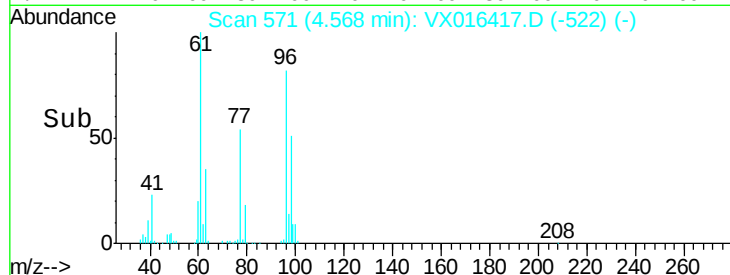
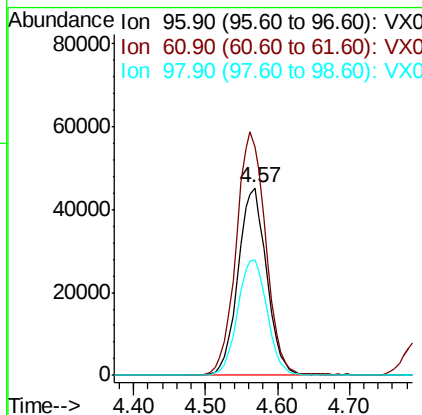
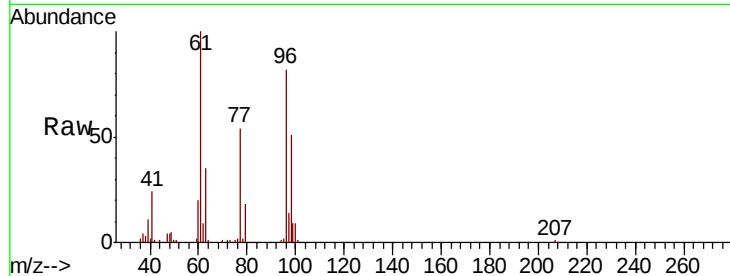
cis-1,2-Dichloroethene
Concen: 61.088 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	124906		
61	133.8	0.0	296.2	
98	63.6	0.0	129.4	

Manual Integrations
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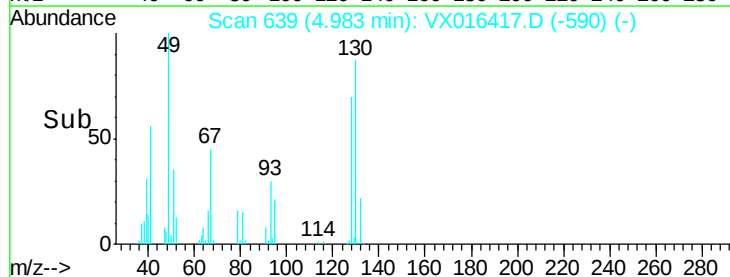
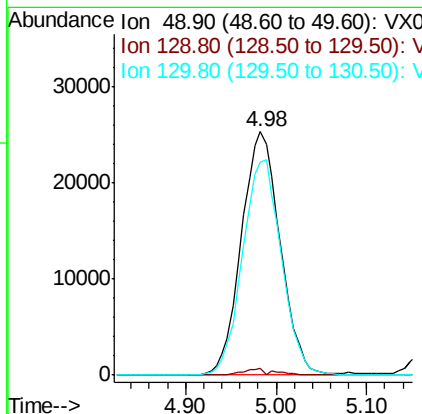
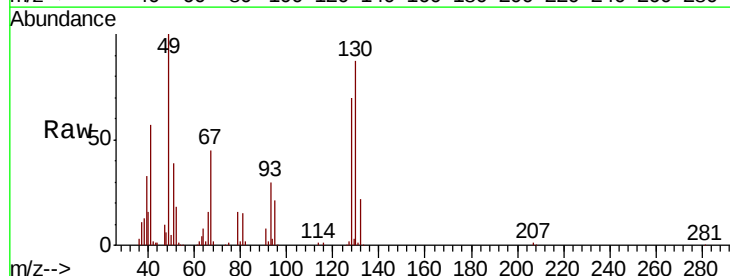
MMDadoda
5/26/2020 11:43:57 AM

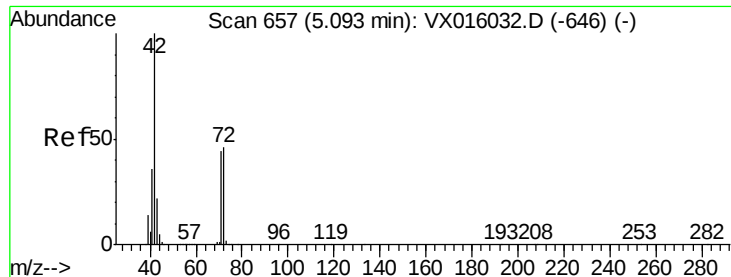


#28

Bromochloromethane
Concen: 50.634 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74983		
129	1.4	0.0	4.0	
130	0.0	62.4	93.6#	





#29

Tetrahydrofuran

Concen: 285.622 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

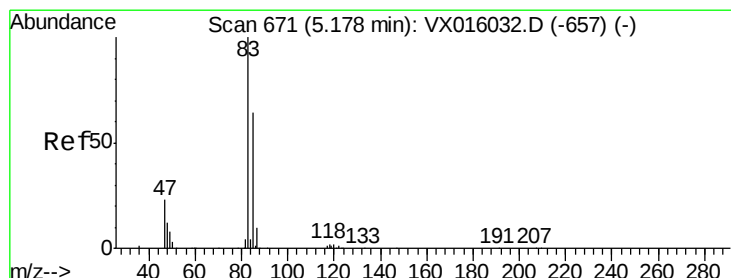
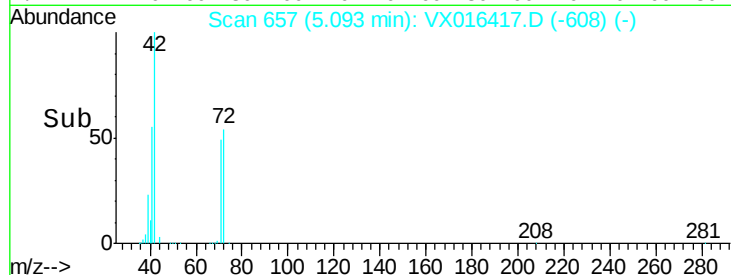
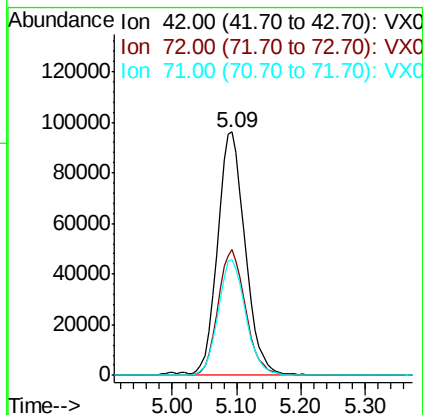
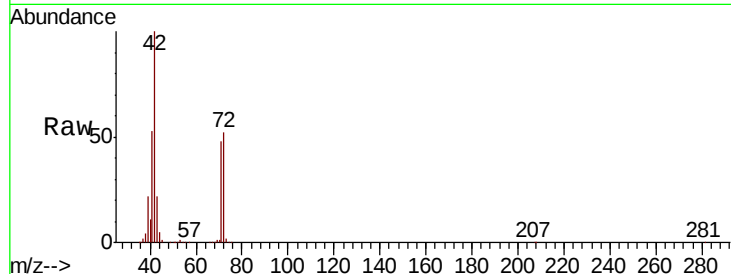
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	42	Resp:	289098
Ion Ratio		Lower	Upper
42	100		
72	52.1	37.1	55.7
71	47.8	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 58.995 ug/l

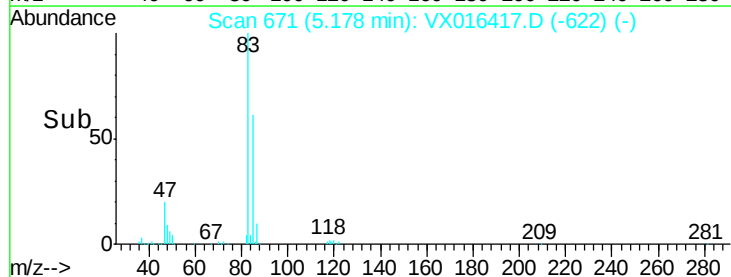
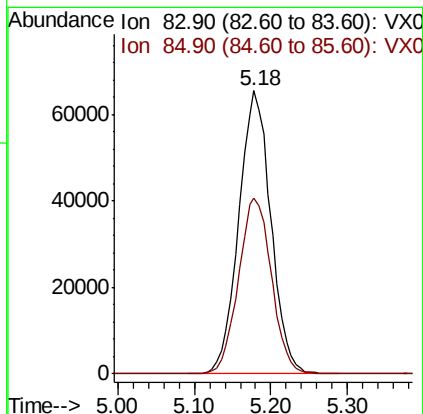
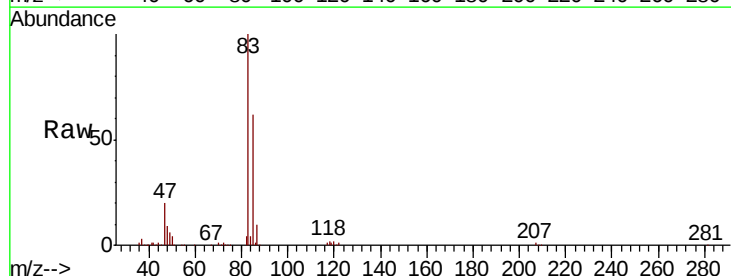
RT: 5.18 min Scan# 671

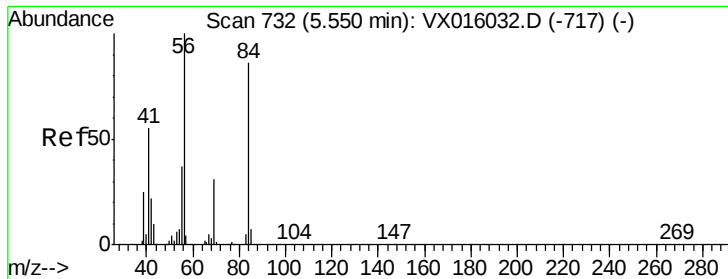
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	83	Resp:	190763
Ion Ratio		Lower	Upper
83	100		
85	62.0	51.6	77.4





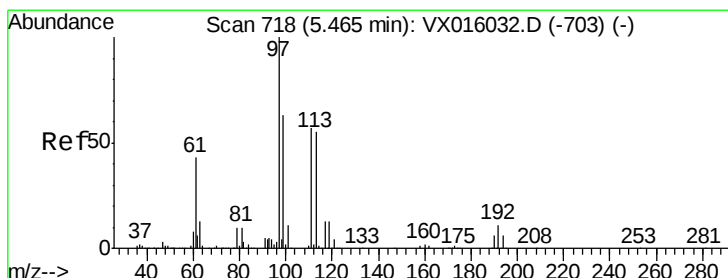
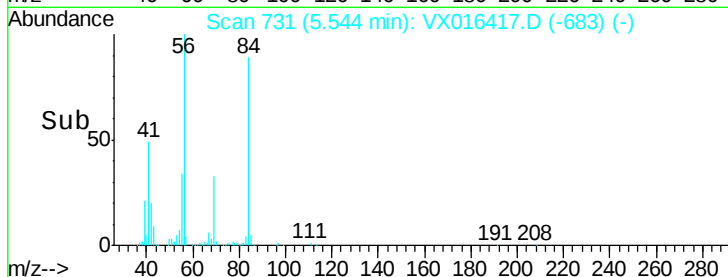
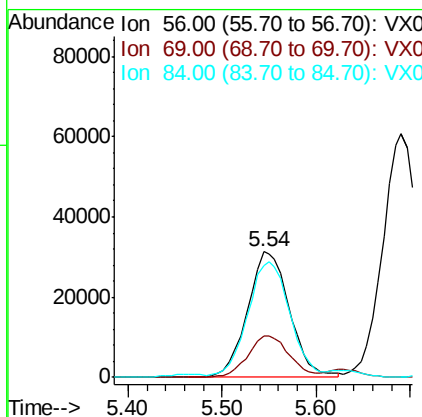
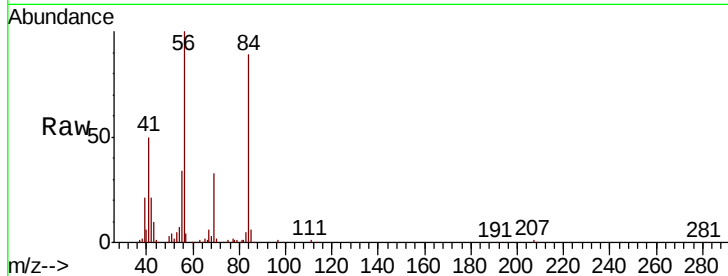
#31
Cyclohexane
Concen: 33.012 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.0	37.6
84	86.9	69.0	103.6

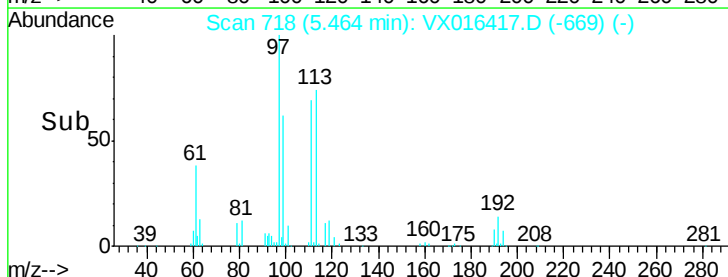
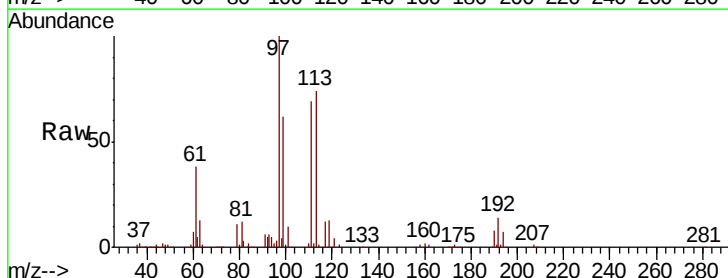
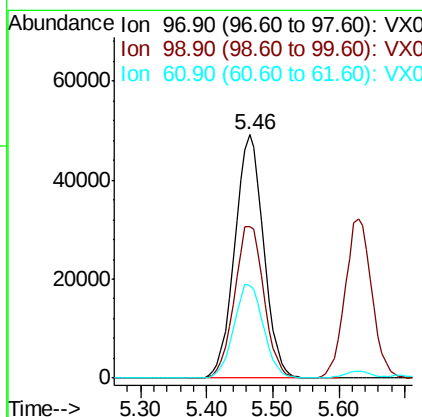
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 50.612 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.4
61	39.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 56.643 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tot Ion: 65 Resp: 120343

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8

Instrument :

MSVOA_X

ClientSampleId :

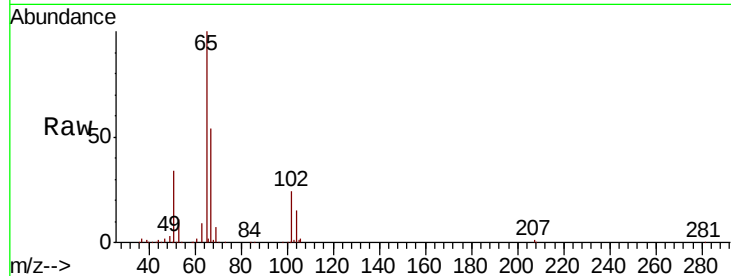
SS042MW024-200521MSD

Manual Integrations

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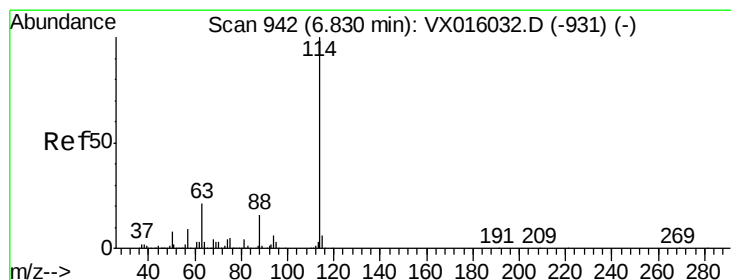
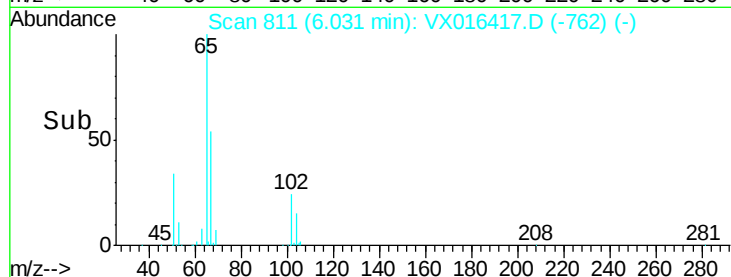
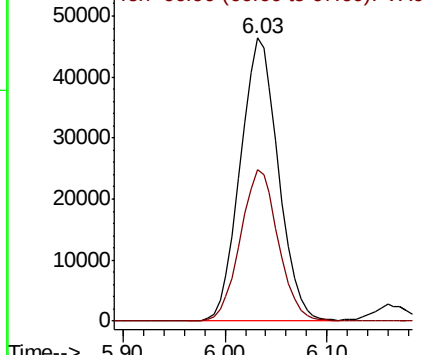
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

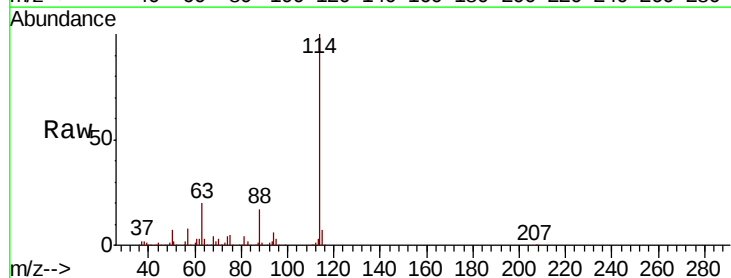
Tgt Ion: 114 Resp: 296268

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

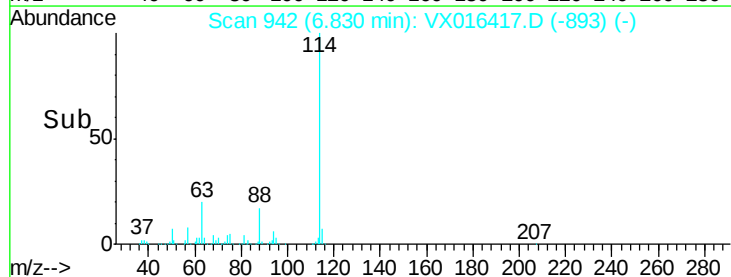
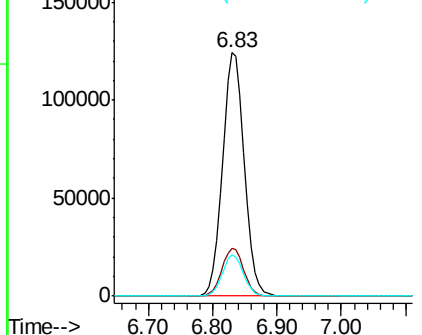
88 16.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





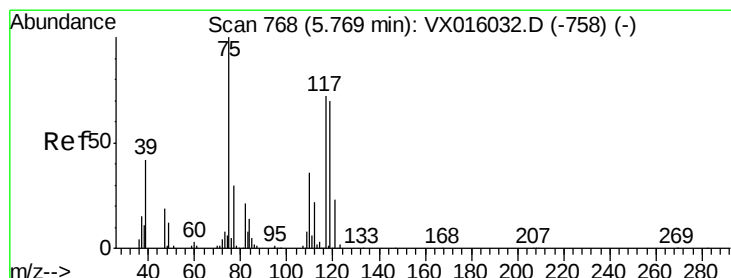
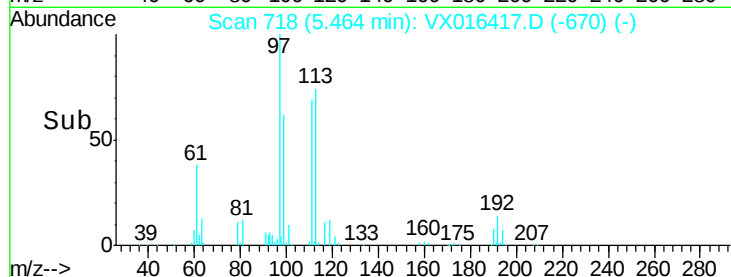
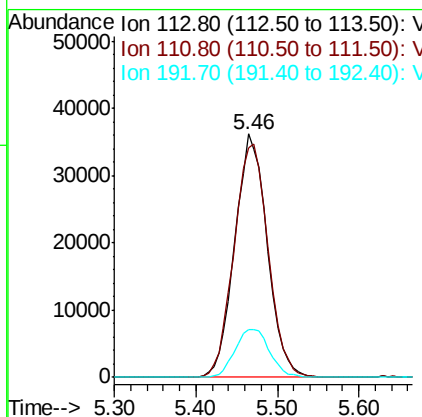
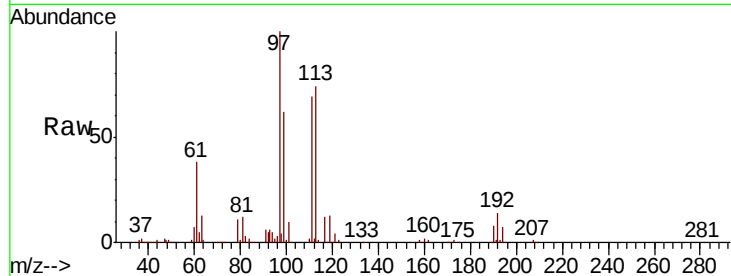
#35
 Dibromofluoromethane
 Concen: 53.258 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.2	81.6	122.4	
192	21.2	17.0	25.4	

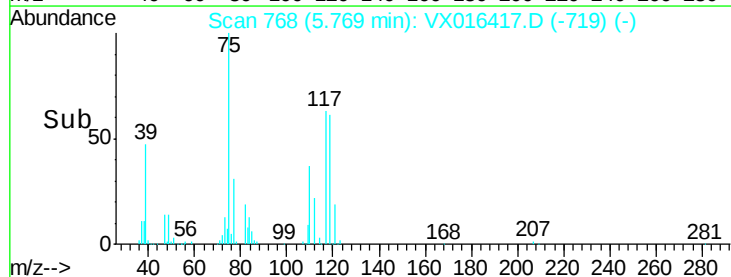
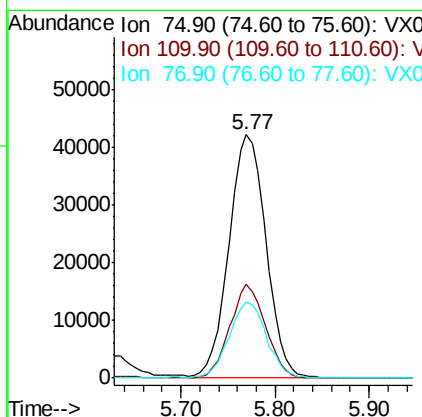
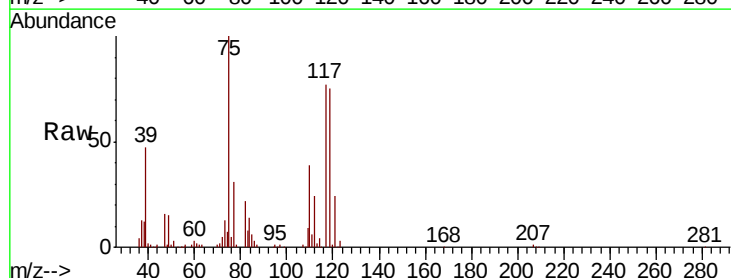
Manual Integrations
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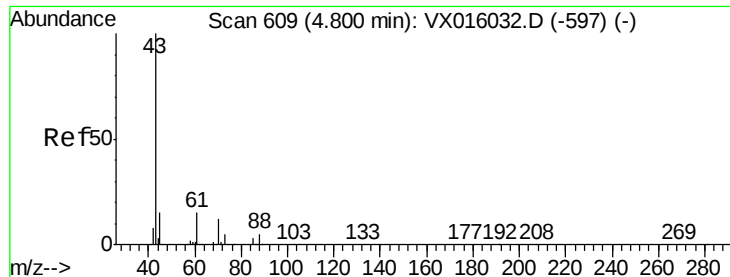
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#36
 1,1-Dichloropropene
 Concen: 39.308 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.2	18.1	54.1	
77	31.6	25.0	37.6	





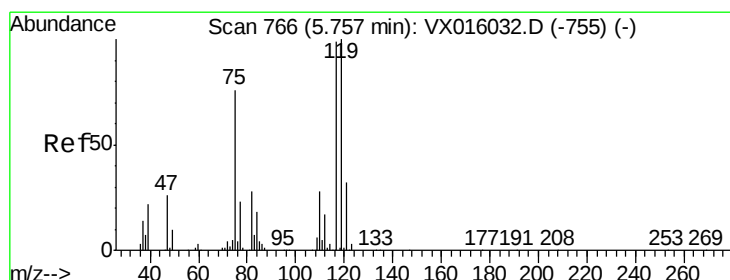
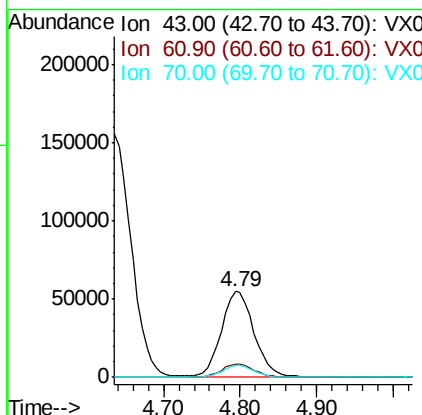
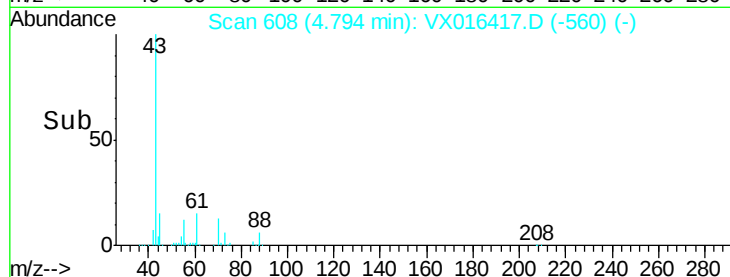
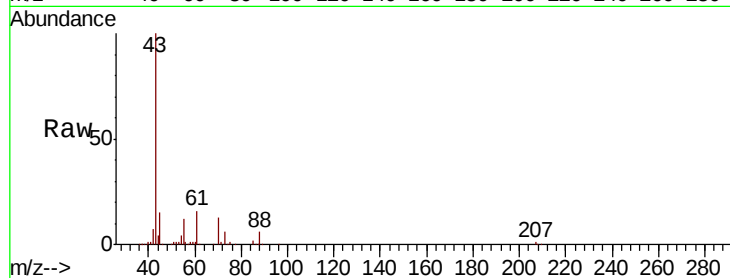
#37
Ethyl Acetate
Concen: 47.768 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.7	17.5
70	13.1	9.3	13.9

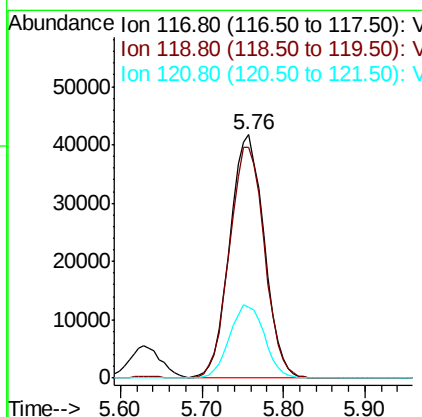
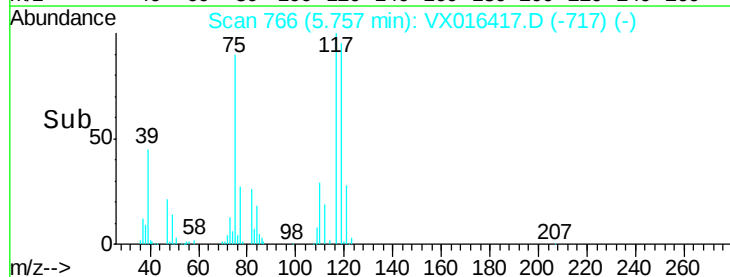
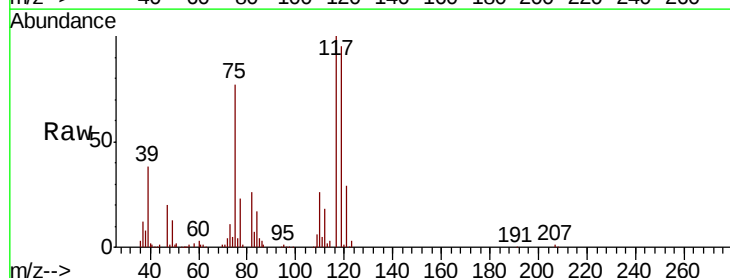
Manual Integrations
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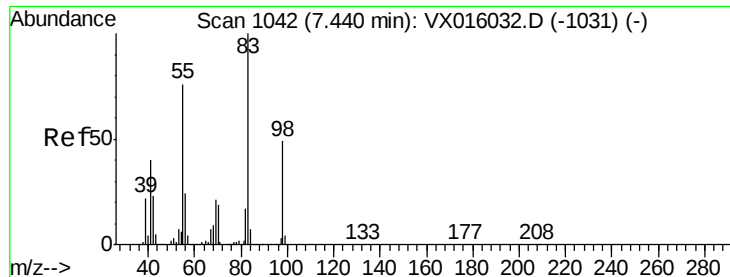
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#38
Carbon Tetrachloride
Concen: 41.236 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	80.3	120.5
121	29.0	25.7	38.5





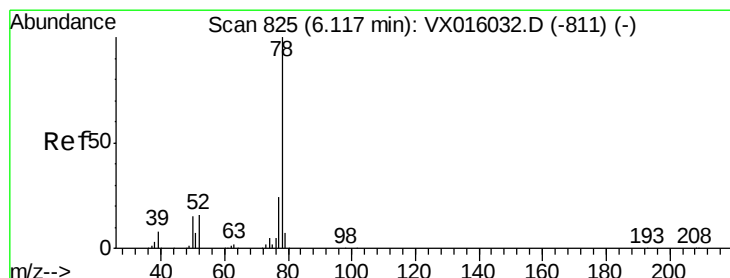
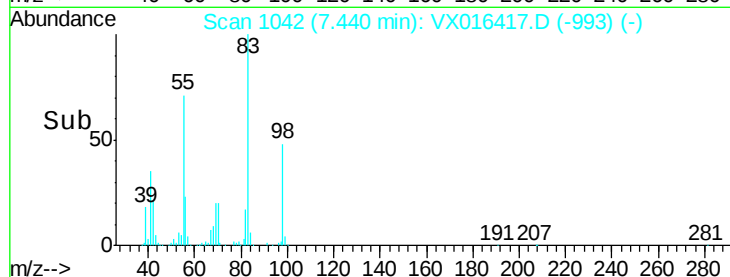
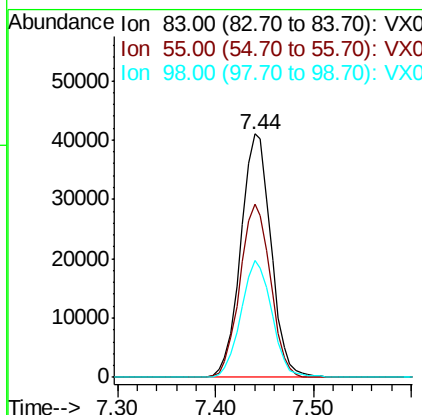
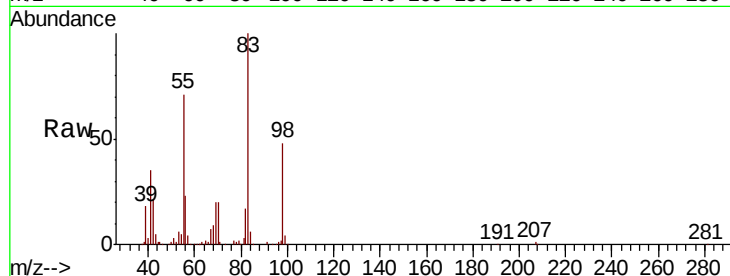
#39
Methvlcvclohexane
Concen: 25.067 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	61.1	91.7
98	48.0	39.0	58.4

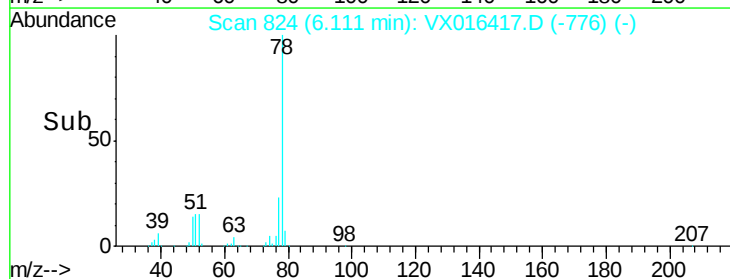
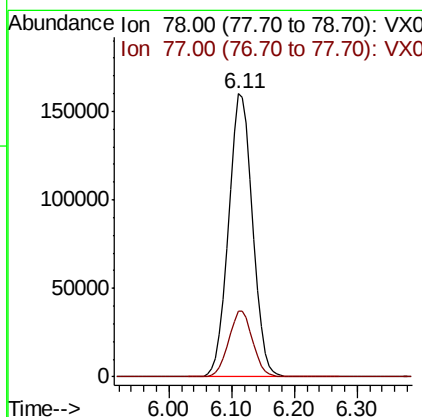
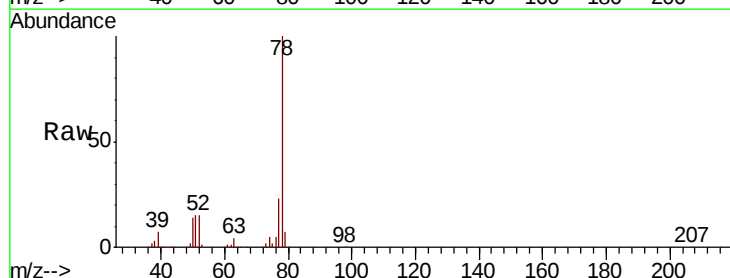
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#40
Benzene
Concen: 49.625 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





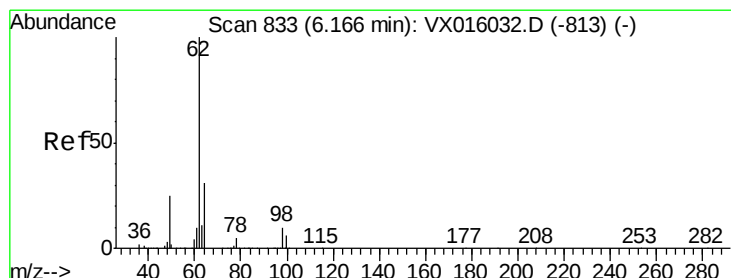
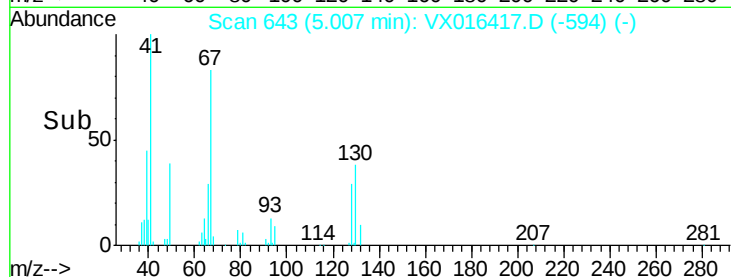
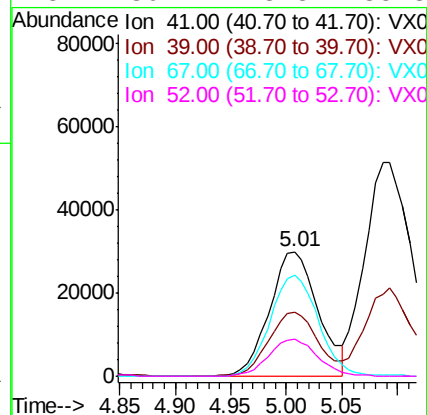
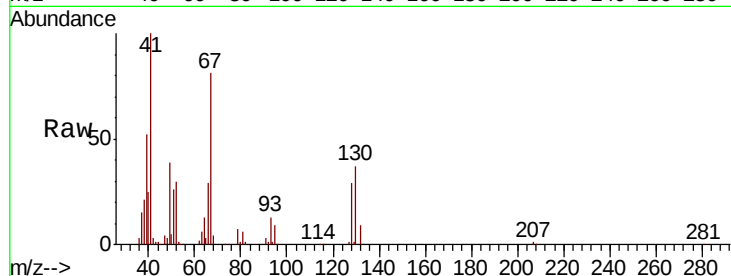
#41
Methacrylonitrile
Concen: 49.737 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	43.2	64.8	
67	81.5	59.3	88.9	
52	30.7	23.5	35.3	

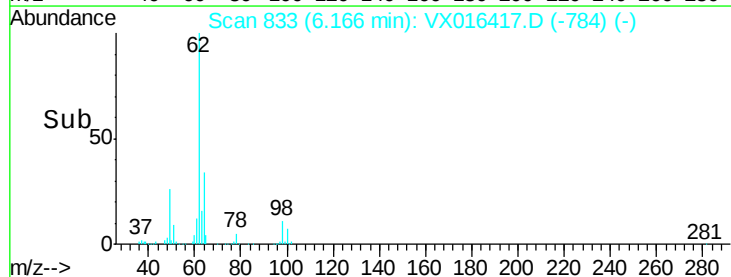
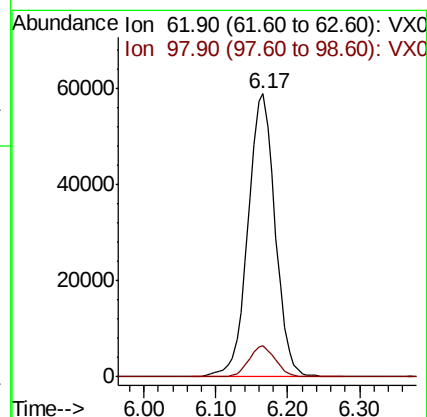
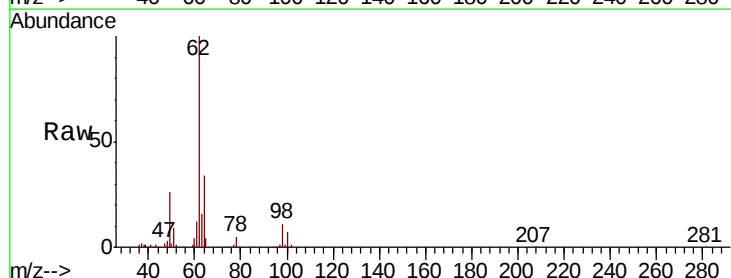
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 50.229 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	19.4	





#43

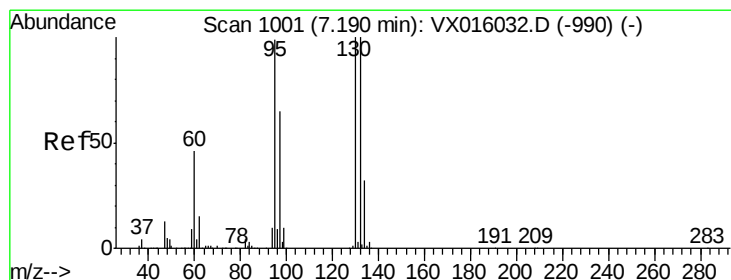
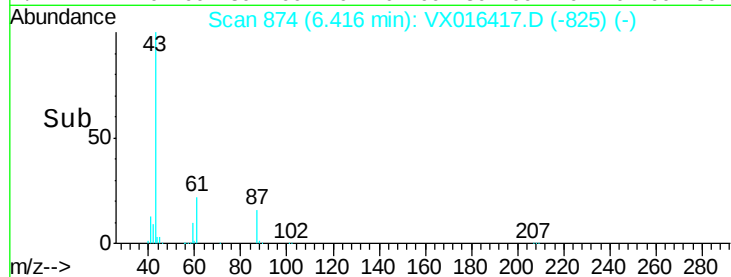
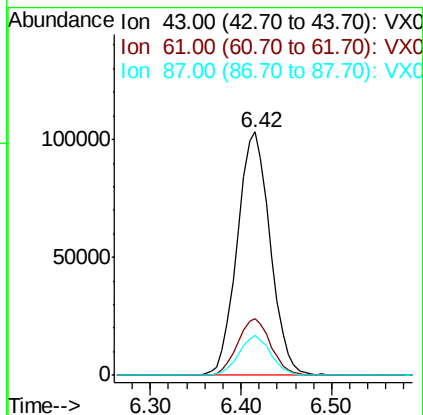
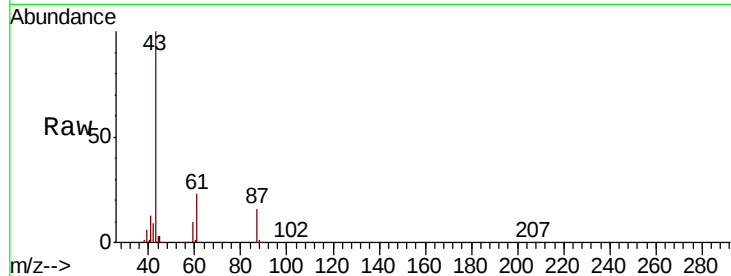
Isopropyl Acetate
 Concen: 47.980 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.6	17.0	25.4
87	15.9	11.0	16.6

Manual Integrations
 APPROVED

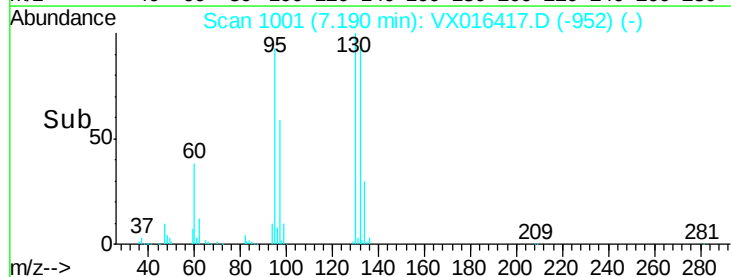
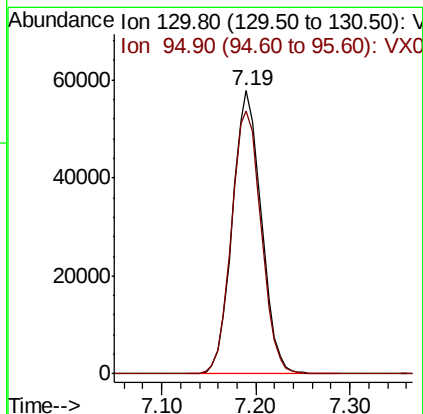
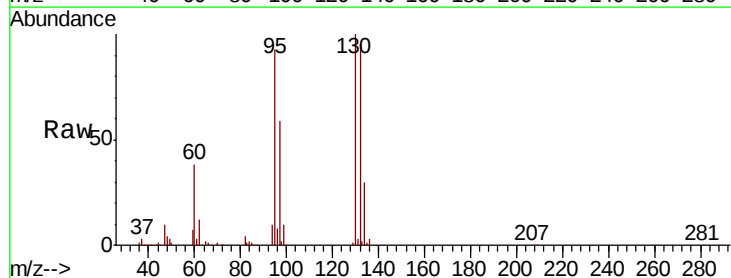
MMDadoda
 5/26/2020 11:43:57 AM

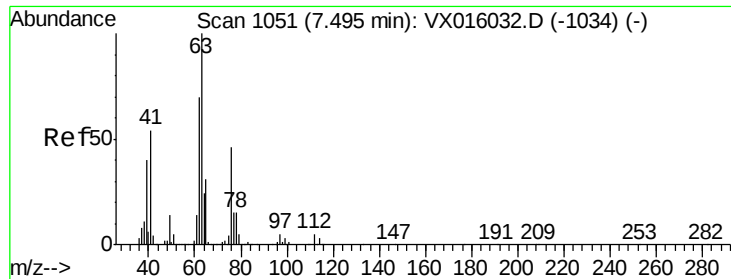


#44

Trichloroethene
 Concen: 40.778 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	197.4





#45

1,2-Dichloropropane

Concen: 51.638 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion: 63 Resp: 111495

Ion Ratio Lower Upper

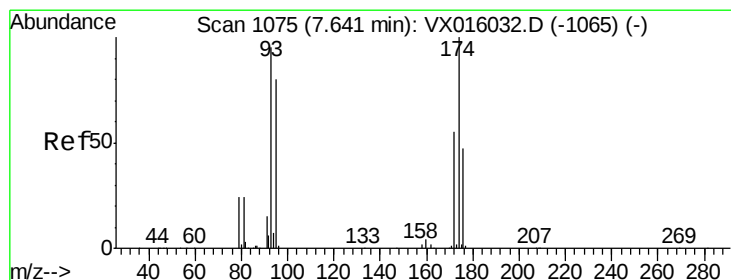
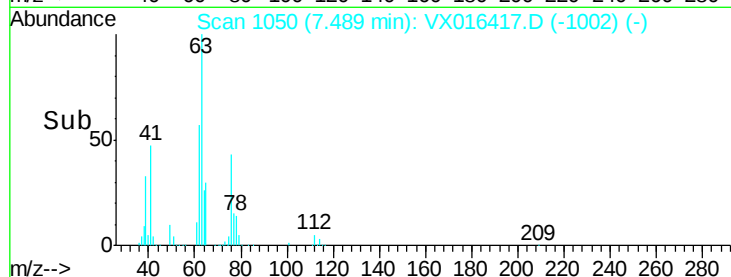
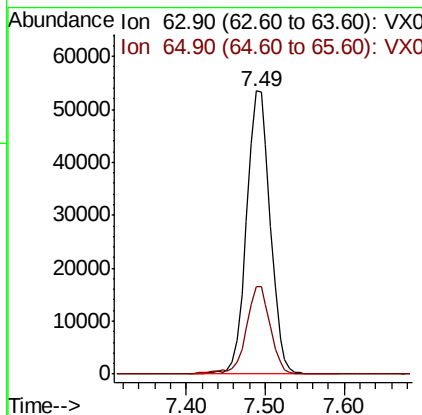
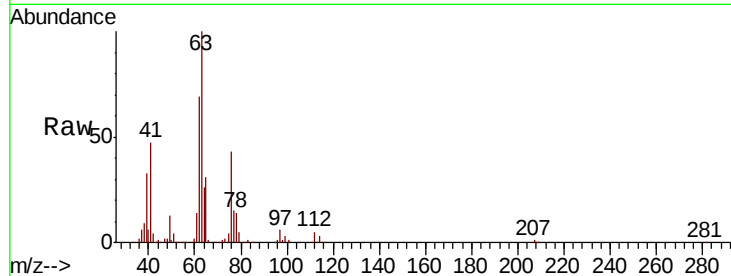
63 100

65 31.0 24.4 36.6

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#46

Dibromomethane

Concen: 54.129 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

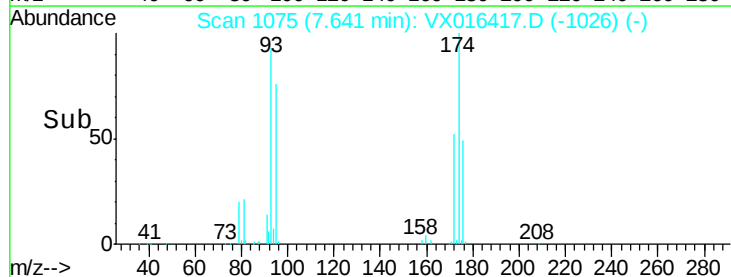
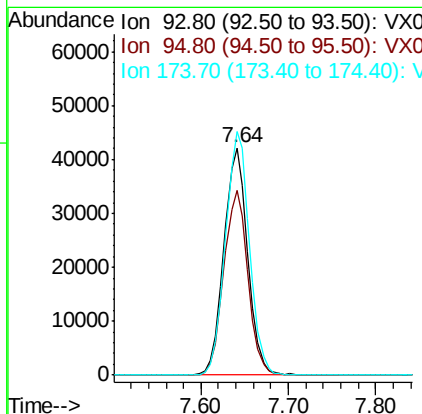
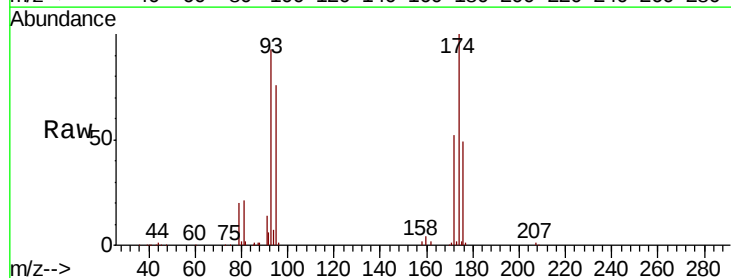
Tgt Ion: 93 Resp: 79424

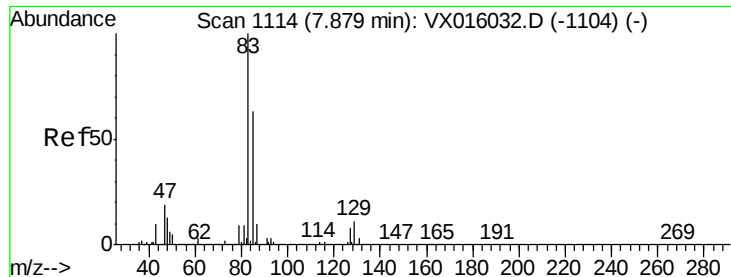
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 108.6 84.2 126.4





#47

Bromodichloromethane

Concen: 53.580 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

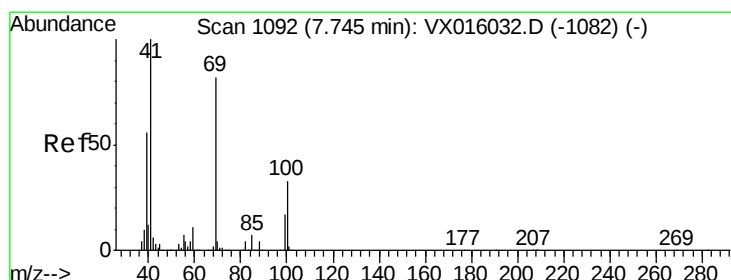
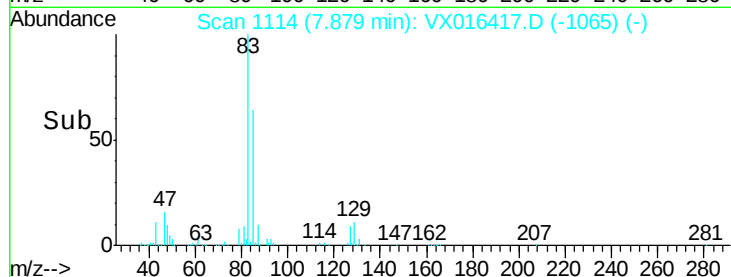
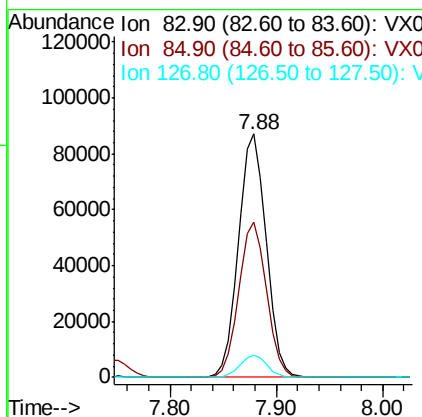
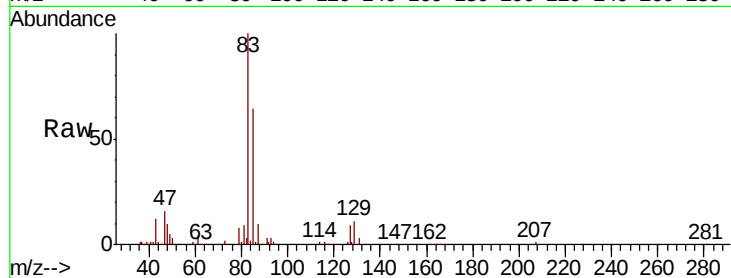
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	83	Resp:	160118
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.5	75.7
127	9.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 48.824 ug/l

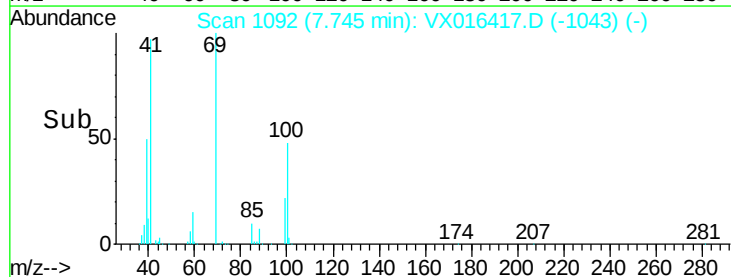
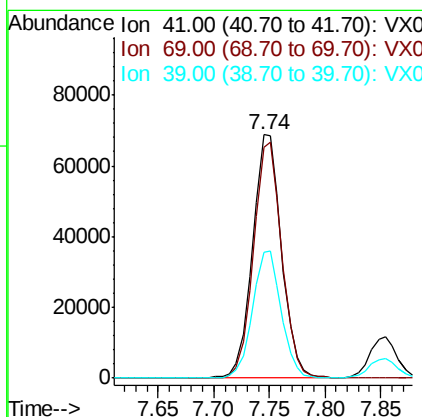
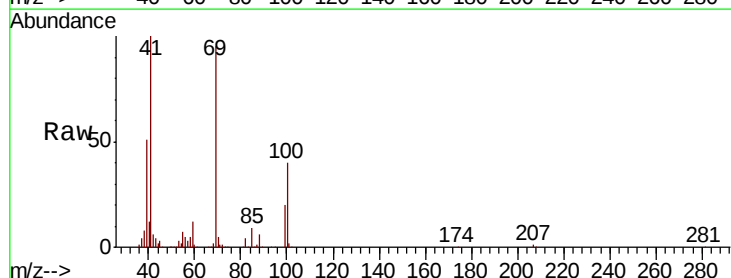
RT: 7.74 min Scan# 1092

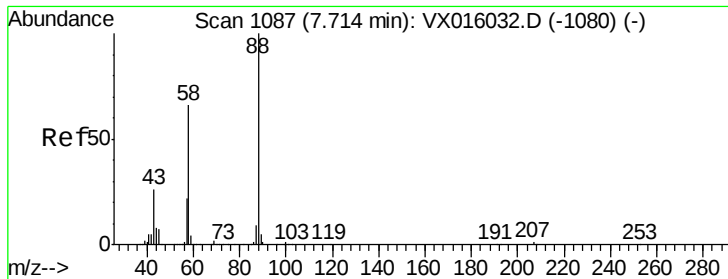
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	41	Resp:	124771
Ion Ratio	Lower	Upper	
41	100		
69	94.8	67.8	101.6
39	51.8	44.6	67.0





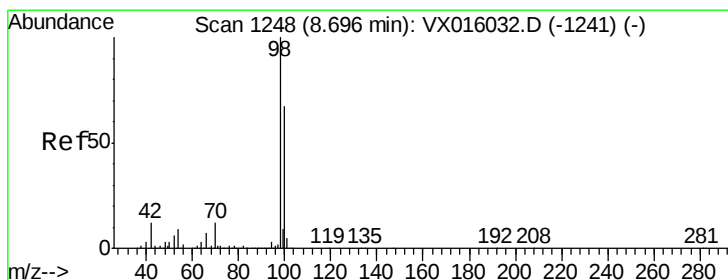
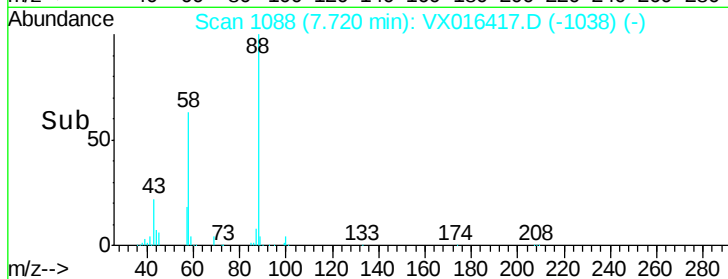
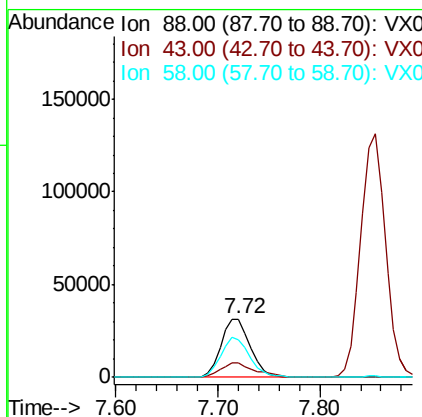
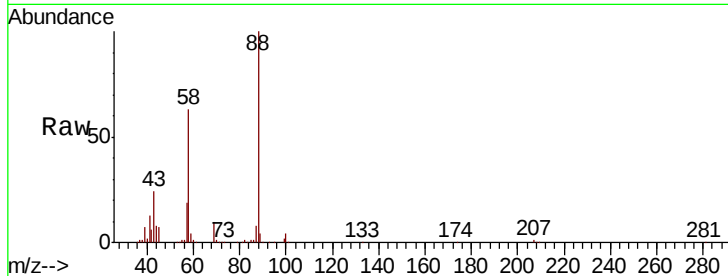
#49
1,4-Dioxane
Concen: 1022.473 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.0	25.3	37.9
58	68.1	55.9	83.9

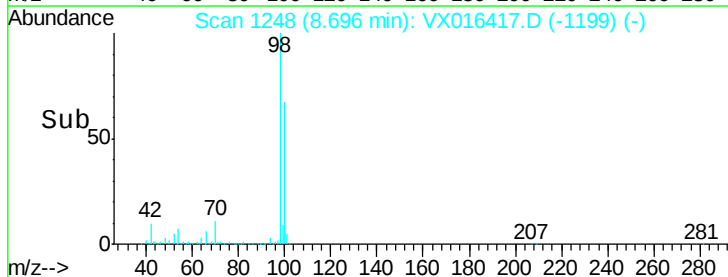
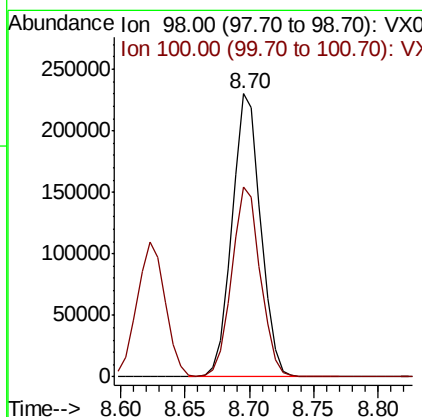
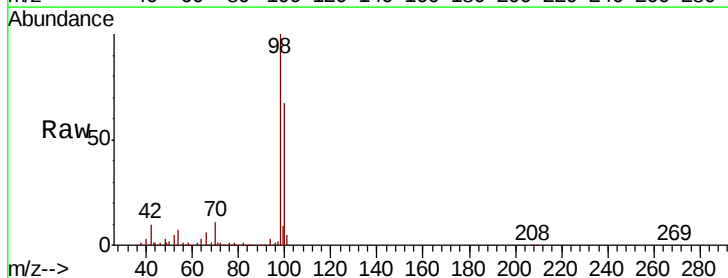
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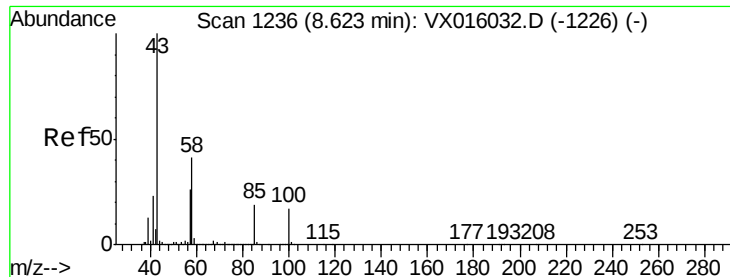
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#50
Toluene-d8
Concen: 49.187 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





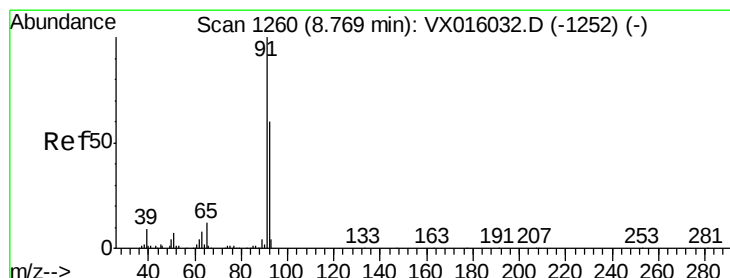
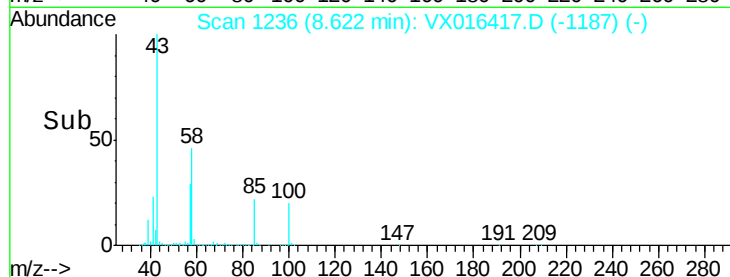
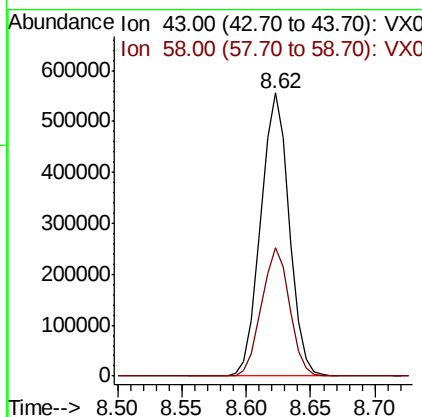
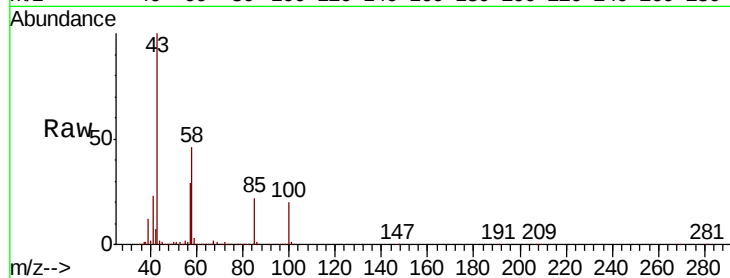
#51
4-Methyl-2-Pentanone
Concen: 256.582 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.9	33.0	49.4

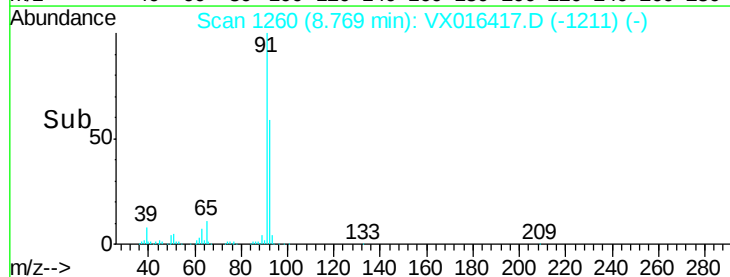
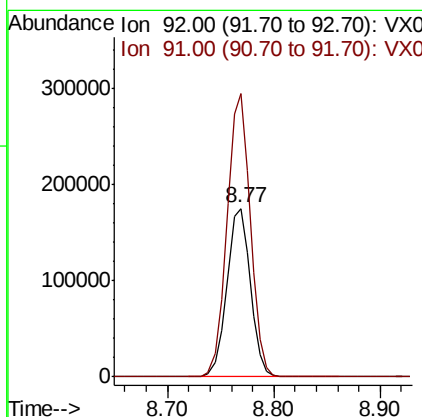
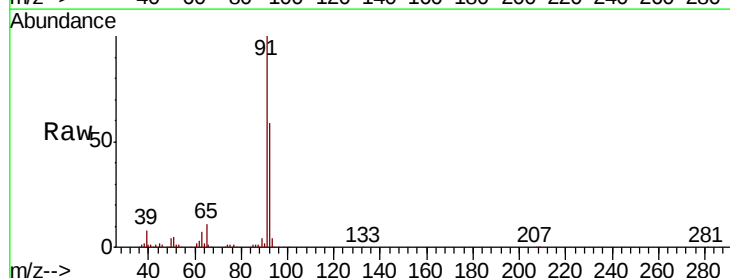
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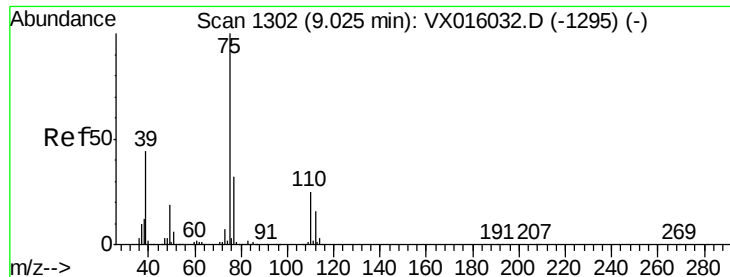
MMDadoda
5/26/2020 11:43:57 AM



#52
Toluene
Concen: 50.869 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.7	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 52.104 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion: 75 Resp: 185650

Ion Ratio Lower Upper

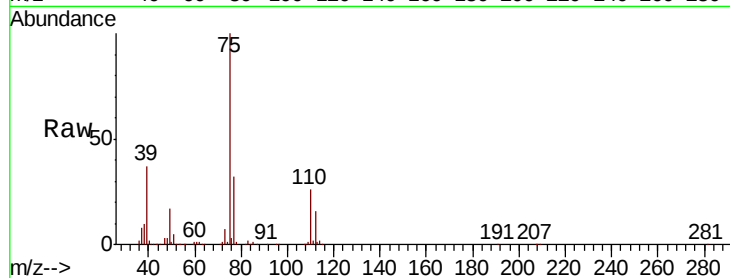
75 100

77 32.0 25.7 38.5

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

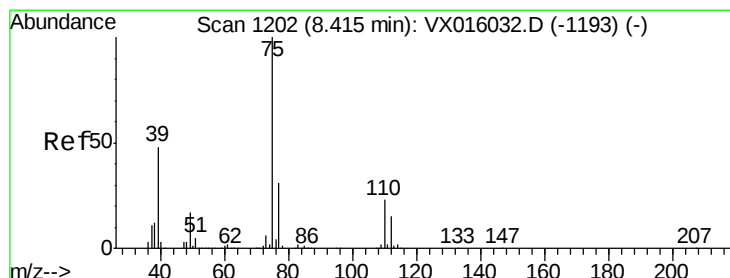
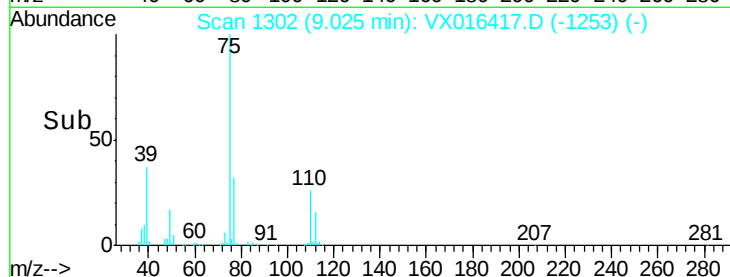
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.657 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

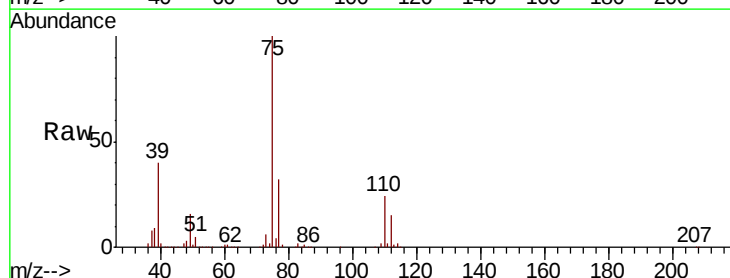
Tgt Ion: 75 Resp: 192248

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

39 39.6 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

150000

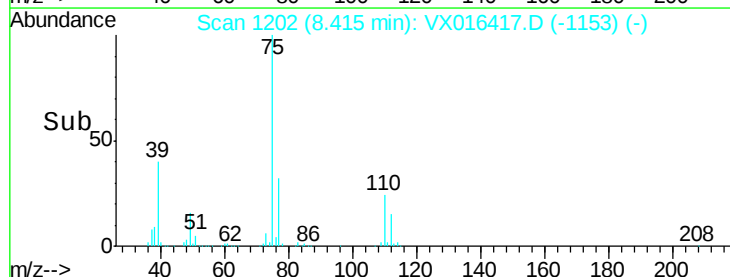
100000

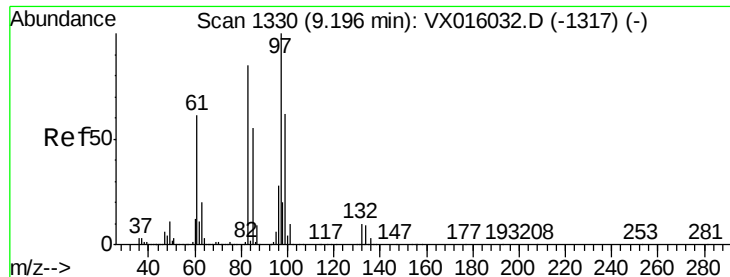
50000

0

8.30 8.40 8.50

Time-->





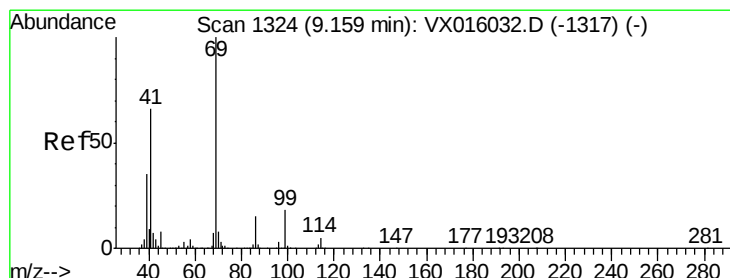
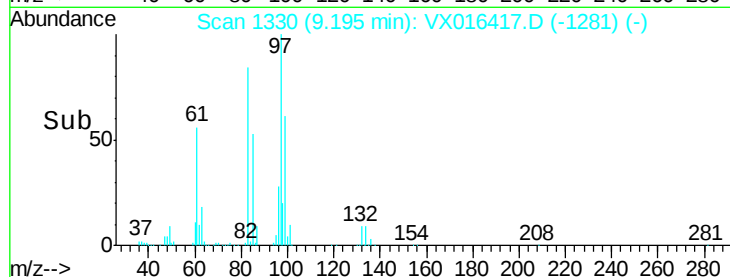
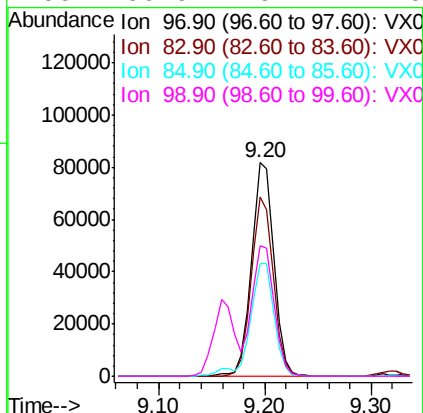
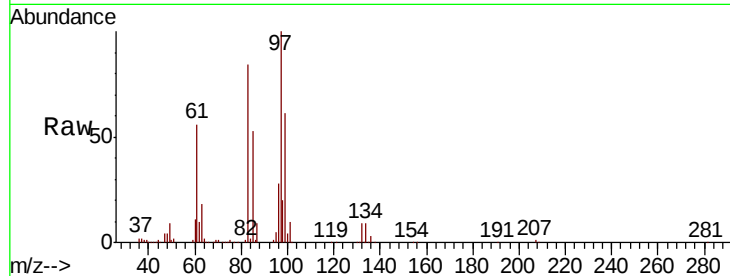
#55
 1,1,2-Trichloroethane
 Concen: 57.991 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		121352		
83	84.1	67.8	101.8		
85	52.8	43.8	65.8		
99	60.9	49.4	74.0		

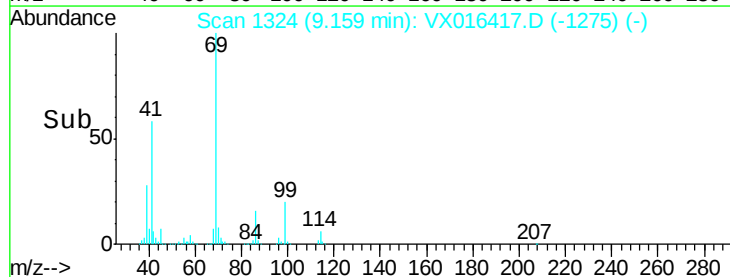
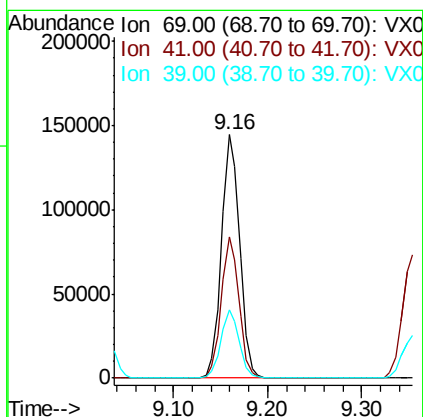
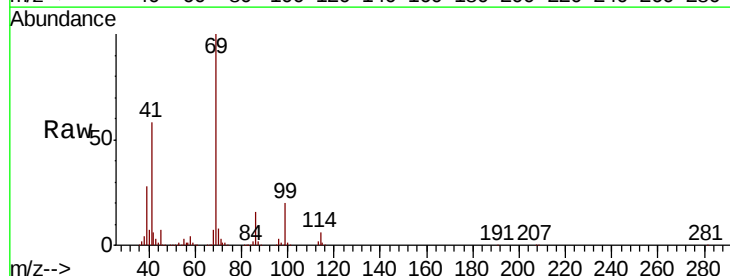
Manual Integrations
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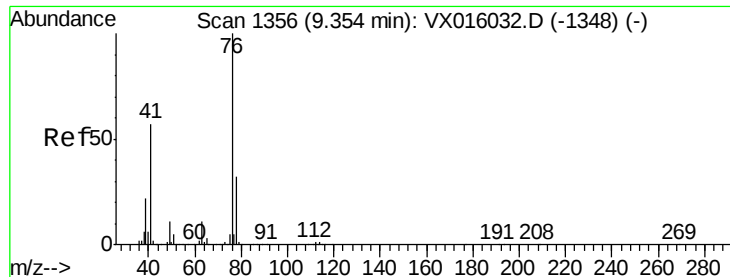
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#56
 Ethyl methacrylate
 Concen: 56.711 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		193712		
41	56.2	52.2	78.4		
39	28.1	28.2	42.4#		





#57

1,3-Dichloropropane

Concen: 55.393 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion: 76 Resp: 202262

Ion Ratio Lower Upper

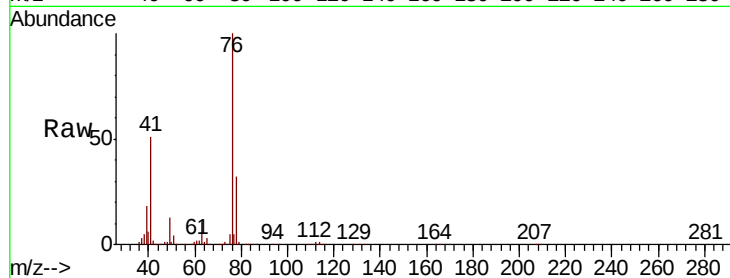
76 100

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

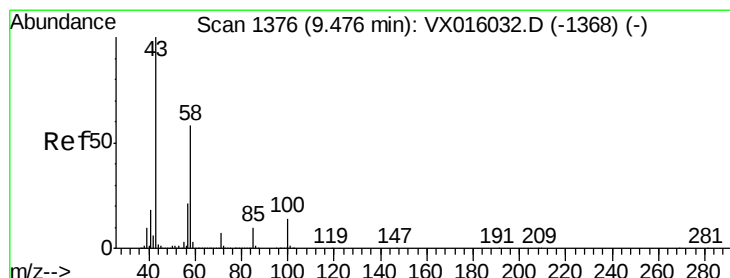
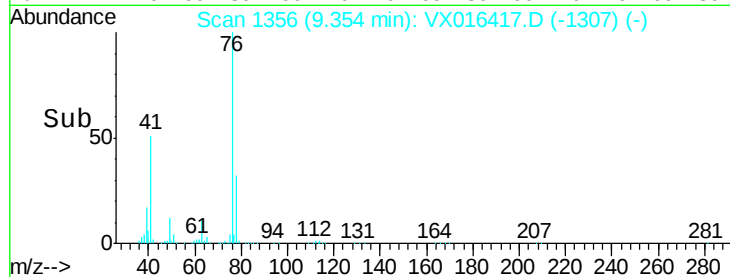
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 255.970 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016417.D

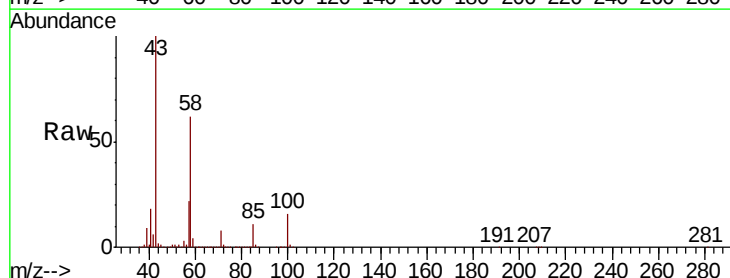
Acq: 22 May 2020 17:07

Tgt Ion: 43 Resp: 663416

Ion Ratio Lower Upper

43 100

58 62.0 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

600000

500000

400000

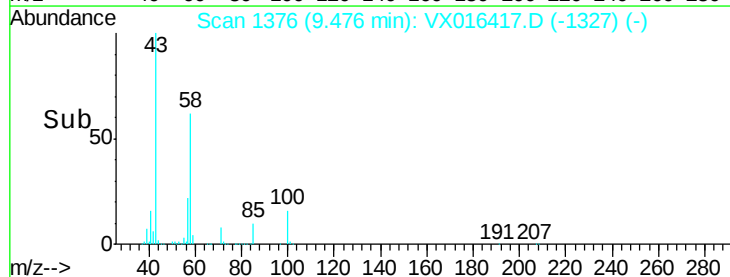
300000

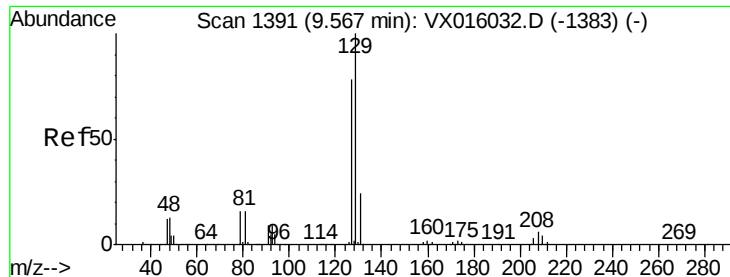
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 59.116 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion:129 Resp: 136246

Ion Ratio Lower Upper

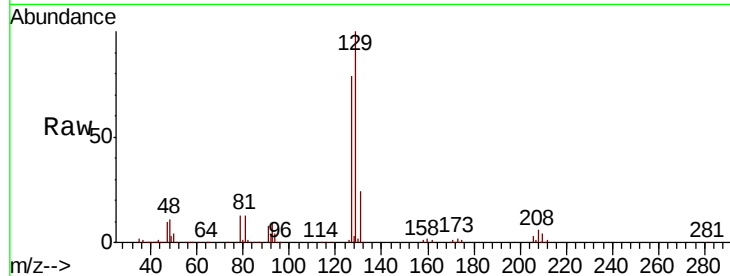
129 100

127 77.1 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

80000

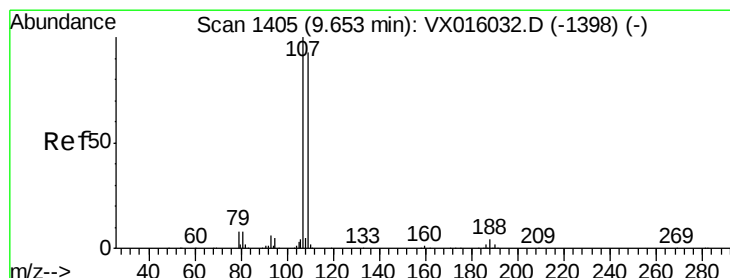
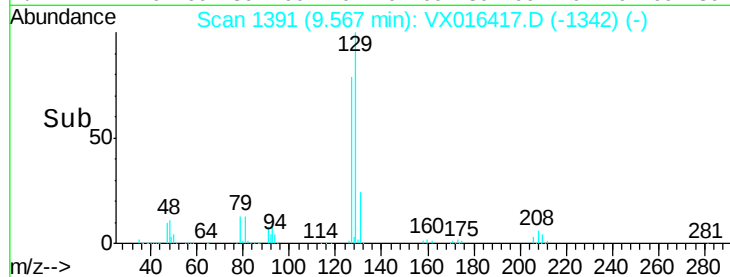
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 57.295 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016417.D

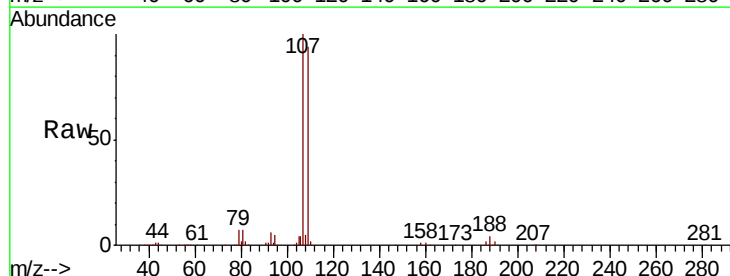
Acq: 22 May 2020 17:07

Tgt Ion:107 Resp: 129870

Ion Ratio Lower Upper

107 100

109 93.2 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

100000

80000

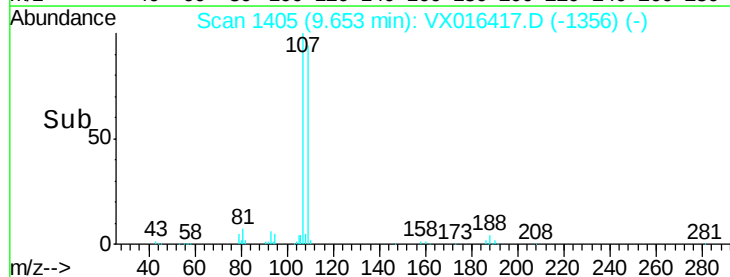
60000

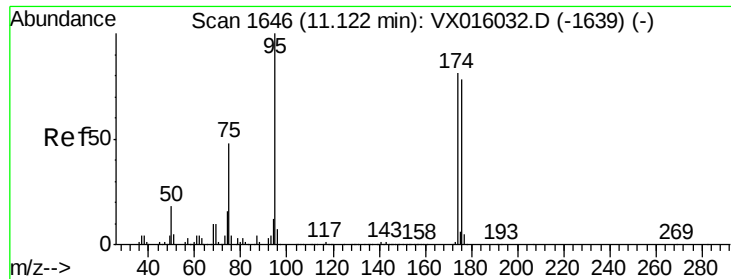
40000

20000

0

Time-->





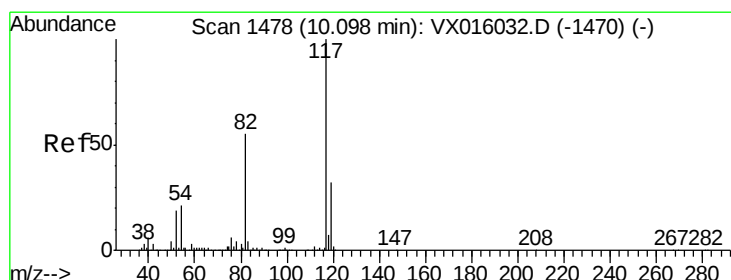
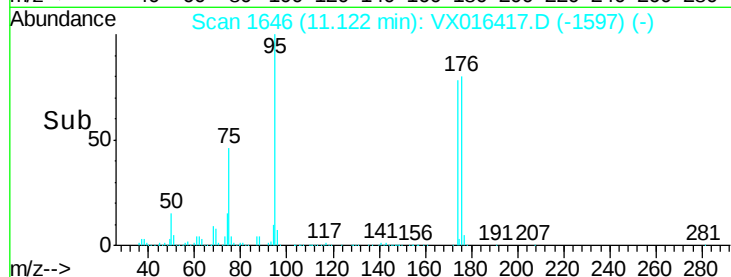
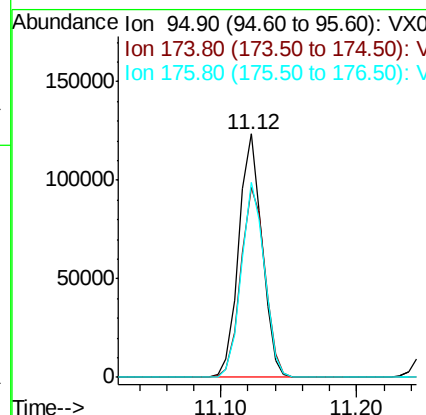
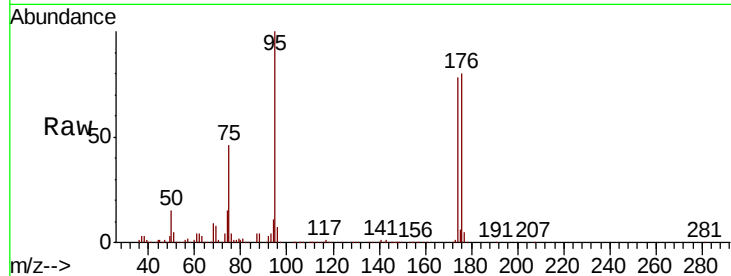
#62
4-Bromofluorobenzene
Concen: 53.437 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	146994		
174	80.7	0.0	159.4	
176	79.7	0.0	157.6	

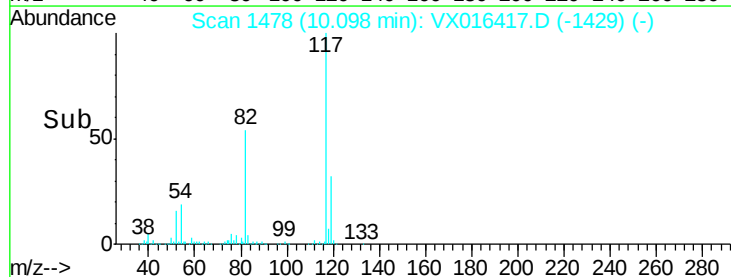
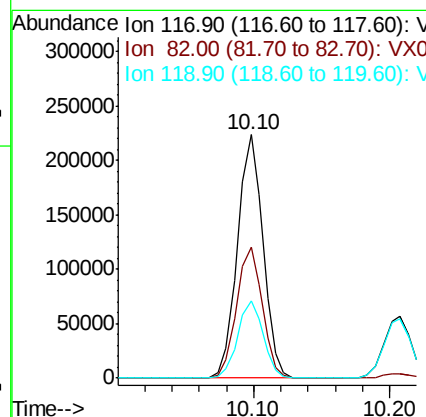
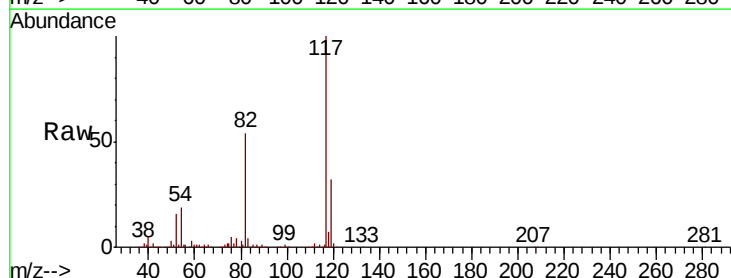
Manual Integrations
APPROVED

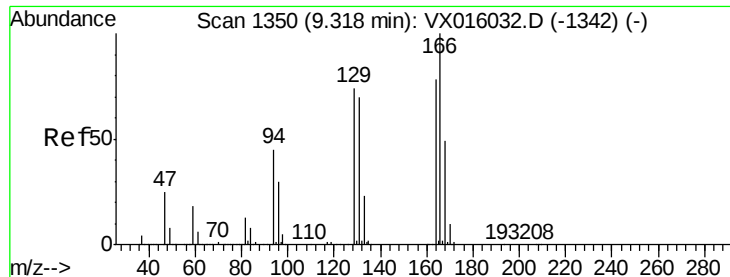
MMDadoda
5/26/2020 11:43:57 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	291692		
82	54.0	44.4	66.6	
119	31.6	25.5	38.3	





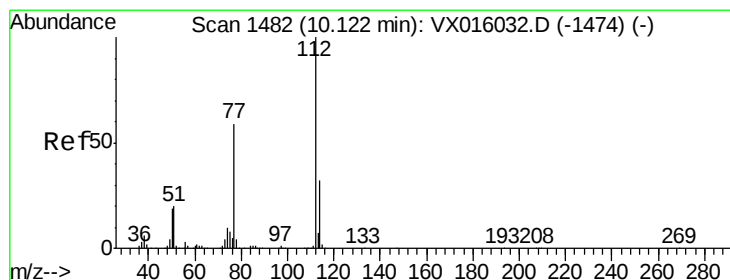
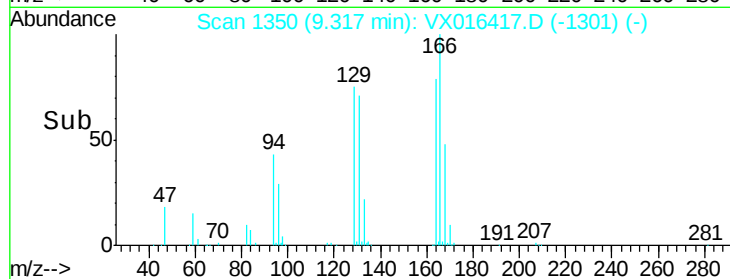
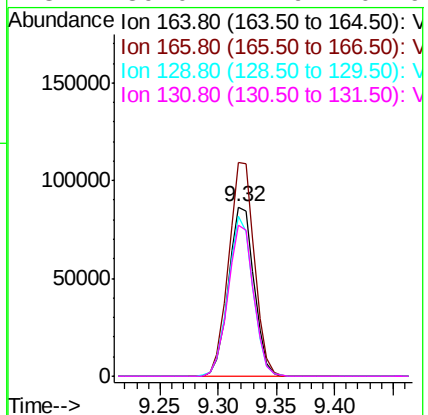
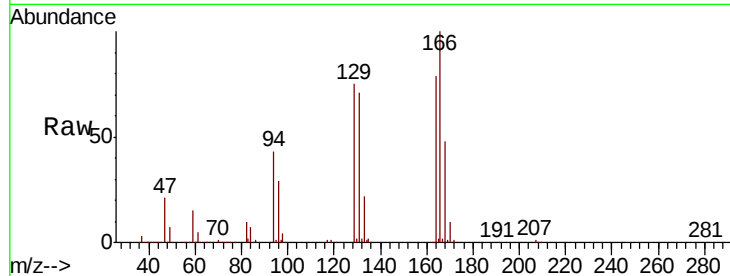
#64
Tetrachloroethene
Concen: 36.745 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.9	154.3
129	94.8	76.1	114.1
131	89.0	71.9	107.9

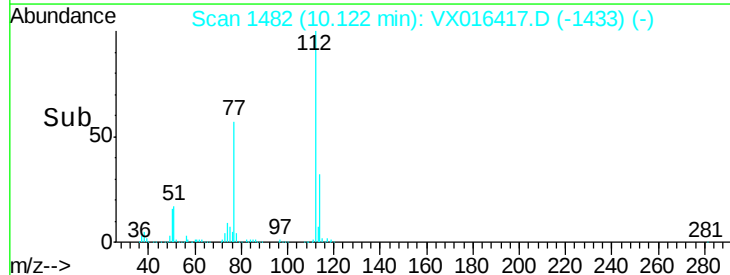
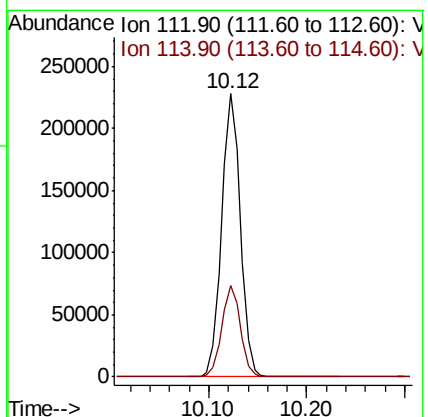
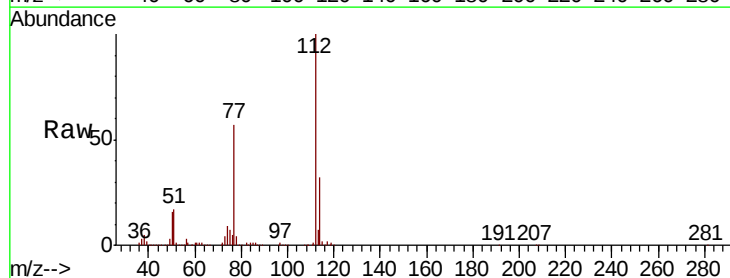
Manual Integrations
APPROVED

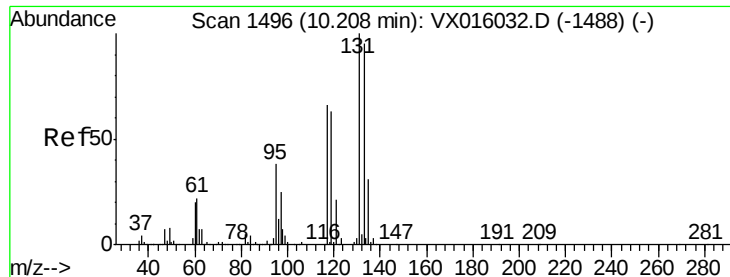
MMDadoda
5/26/2020 11:43:57 AM



#65
Chlorobenzene
Concen: 49.461 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 51.688 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

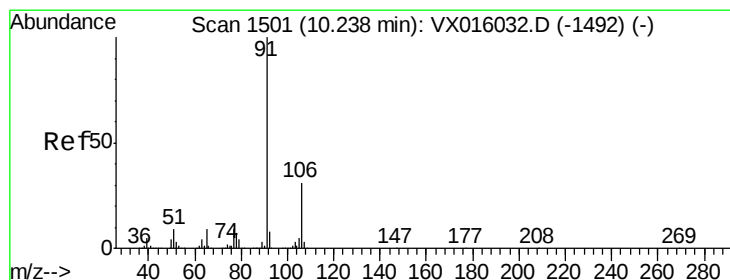
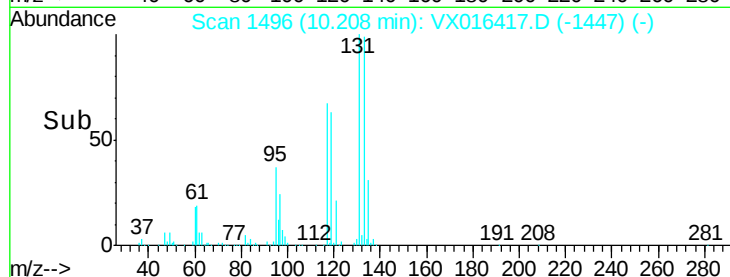
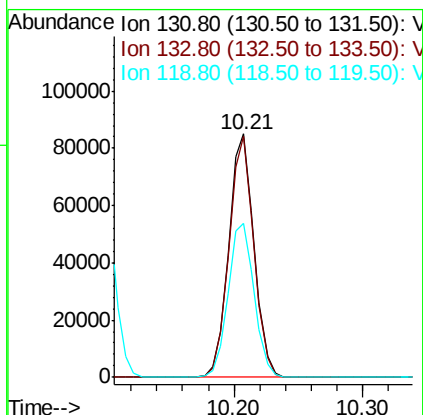
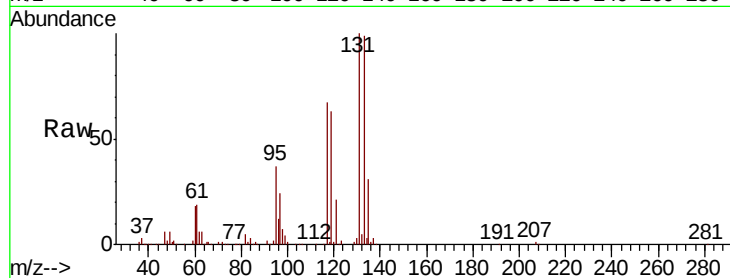
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	131	Resp:	116685
Ion Ratio	Lower	Upper	
131	100		
133	97.4	48.3	144.8
119	65.4	32.3	96.9

Manual Integrations
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#67

Ethyl Benzene

Concen: 45.341 ug/l

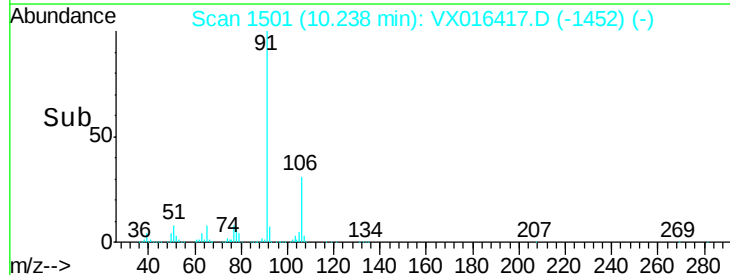
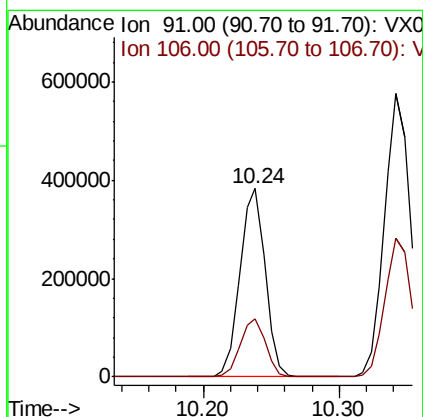
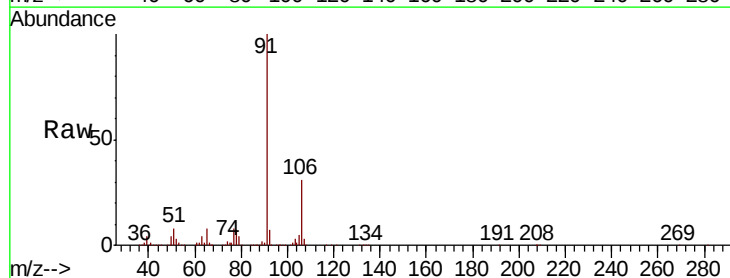
RT: 10.24 min Scan# 1501

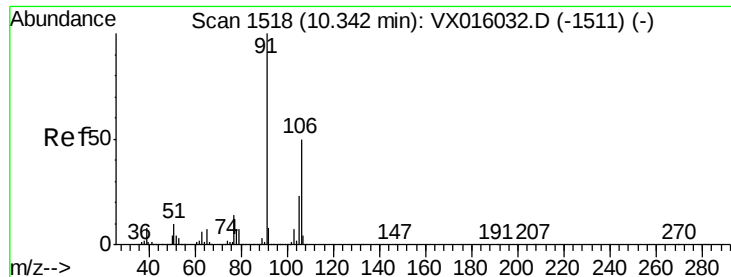
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	91	Resp:	494109
Ion Ratio	Lower	Upper	
91	100		
106	30.9	25.1	37.7





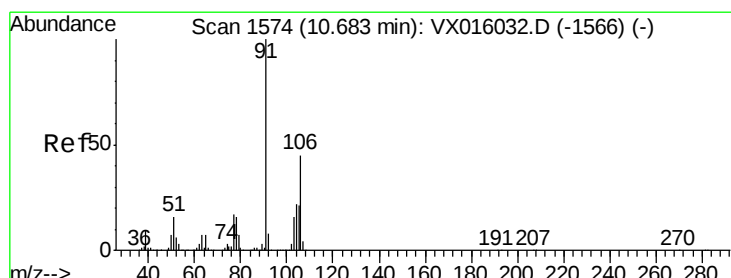
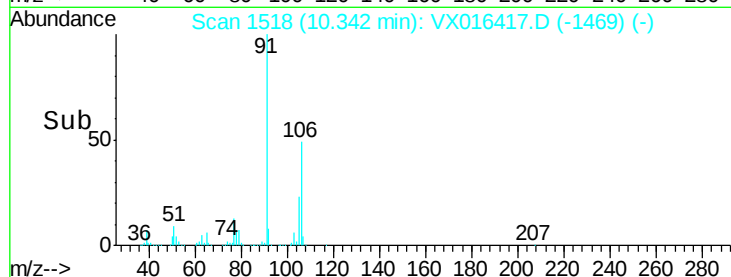
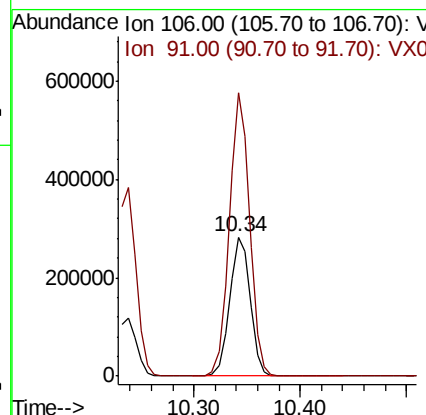
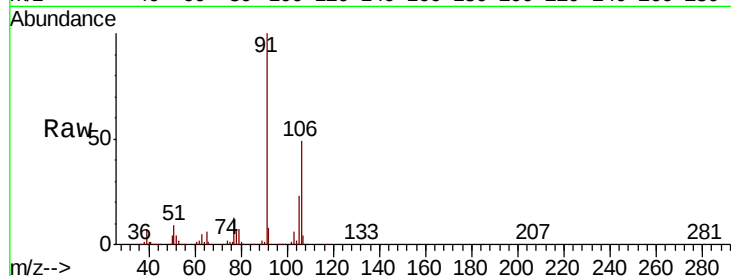
#68
m/p-Xylenes
Concen: 93.512 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	200.6	161.7	242.5		

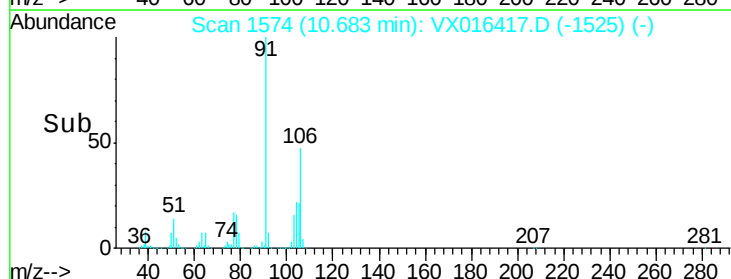
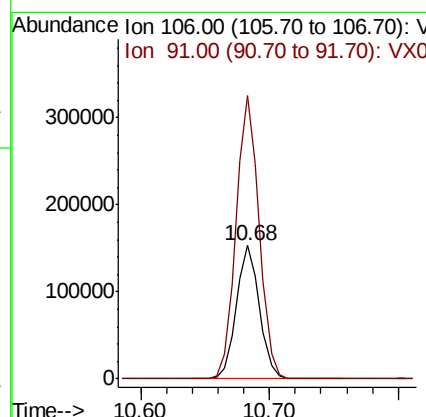
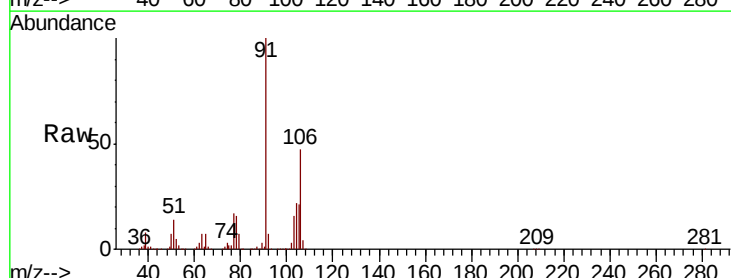
Manual Integrations
APPROVED

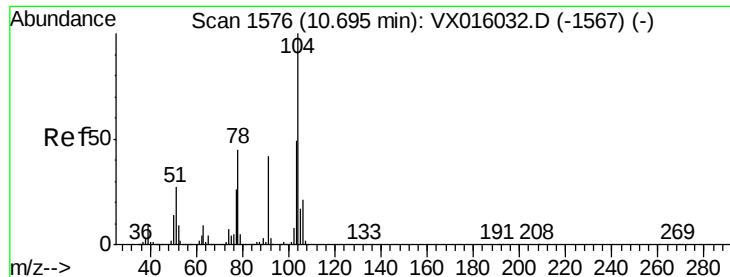
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#69
o-Xylene
Concen: 48.613 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.6	107.5	322.6		





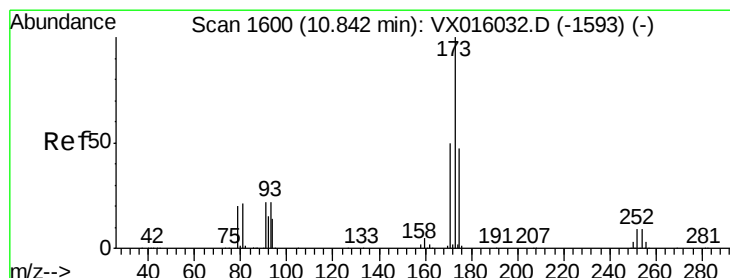
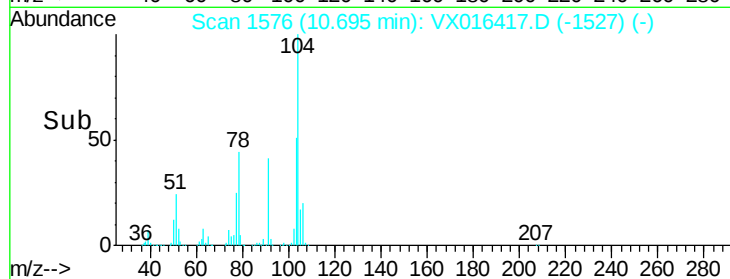
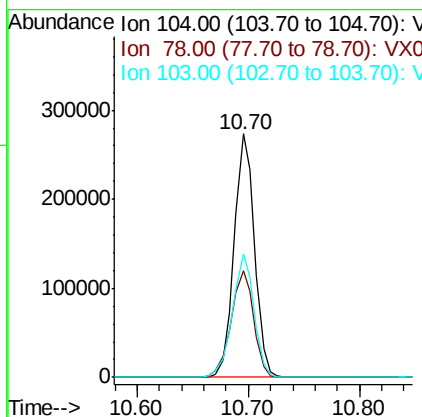
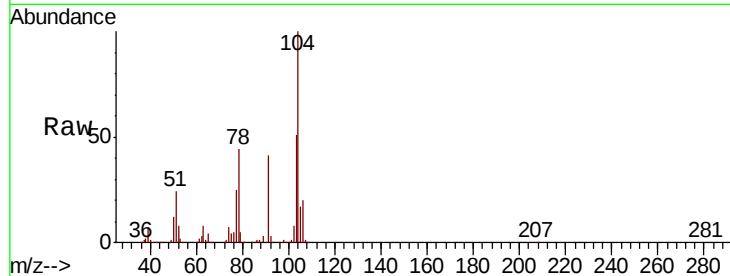
#70
Stvrene
Concen: 51.857 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	345276		
78	48.5		40.2	60.2
103	53.6		43.0	64.6

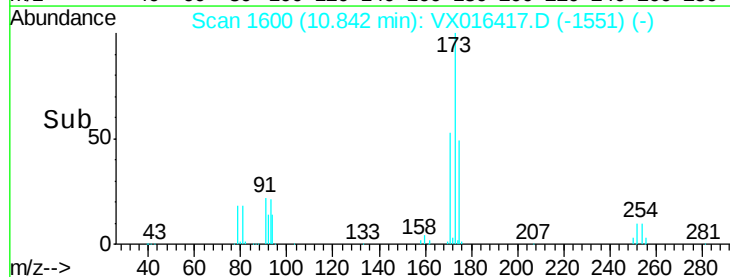
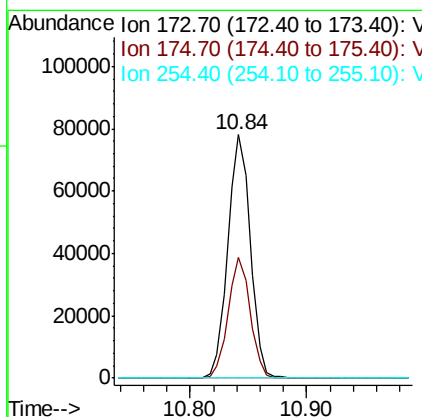
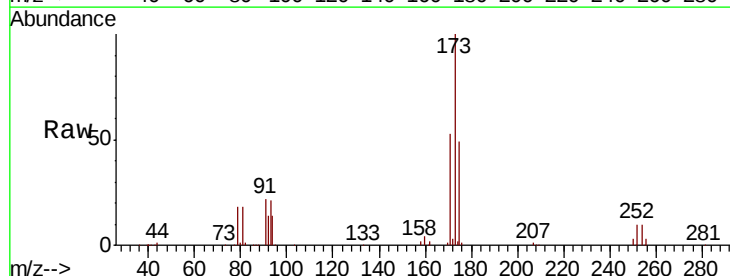
Manual Integrations
APPROVED

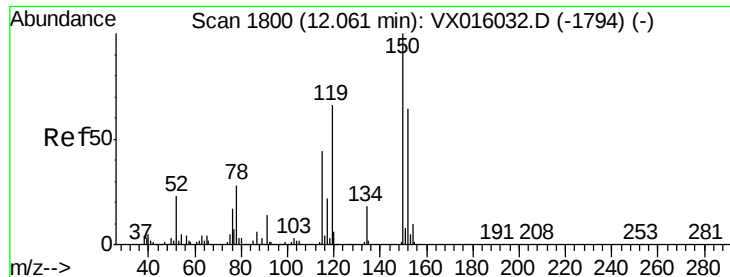
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#71
Bromoform
Concen: 56.903 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	104657		
175	48.7		24.0	72.0
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

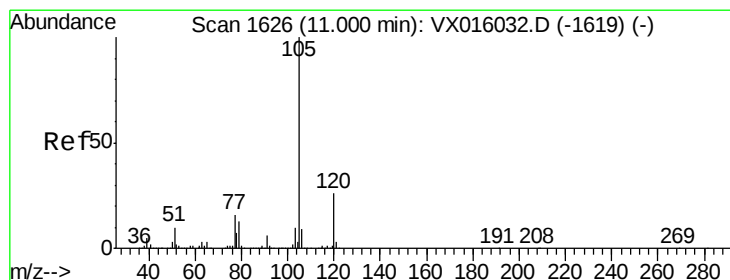
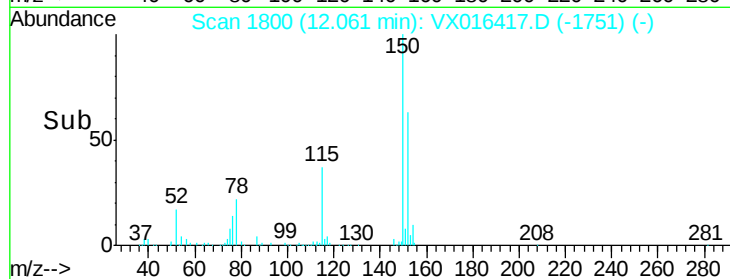
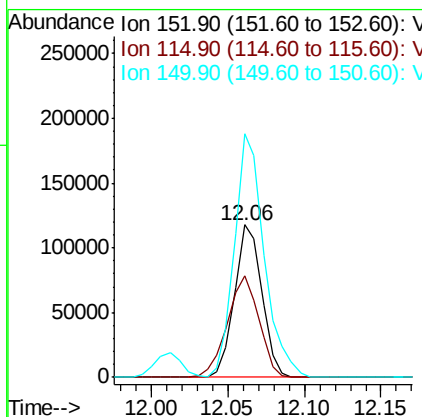
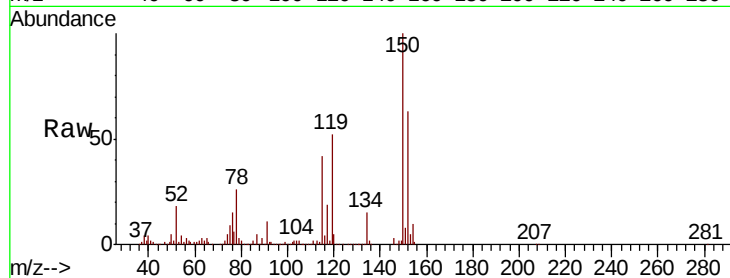
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	152	Resp:	146375
Ion Ratio	Lower	Upper	
152	100		
115	76.8	41.3	124.1
150	173.3	0.0	352.2

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#73

Isopropylbenzene

Concen: 42.338 ug/l

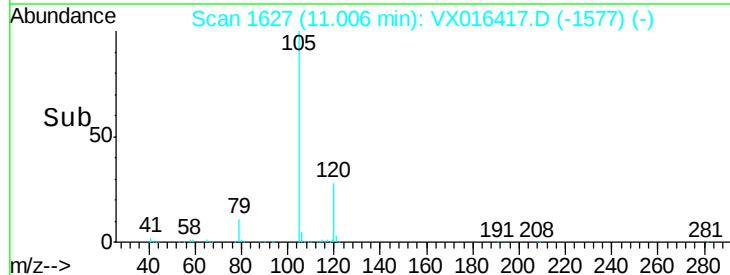
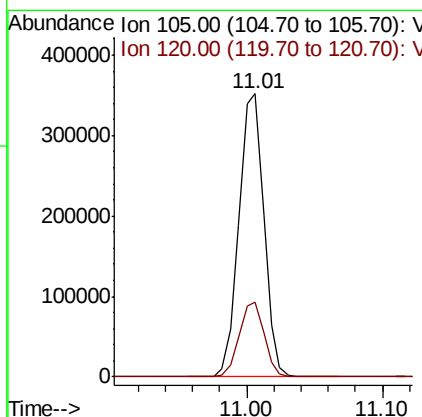
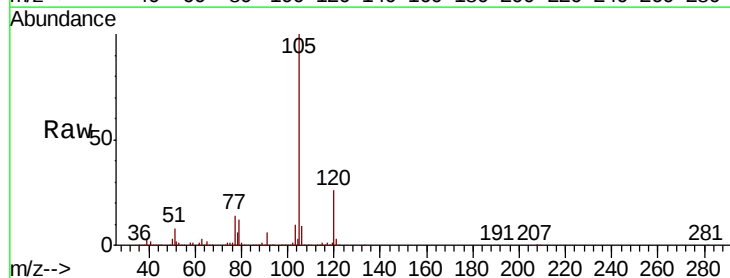
RT: 11.01 min Scan# 1627

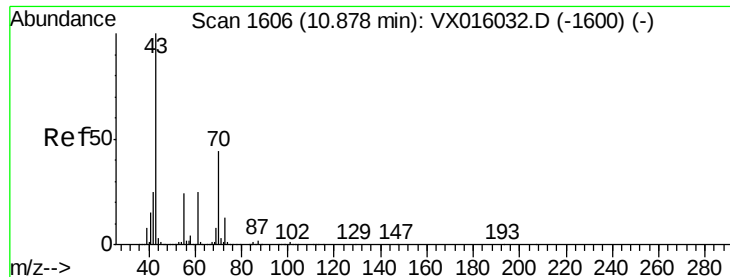
Delta R.T. 0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	105	Resp:	450750
Ion Ratio	Lower	Upper	
105	100		
120	26.2	13.4	40.2





#74

N-amvl acetate

Concen: 44.720 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

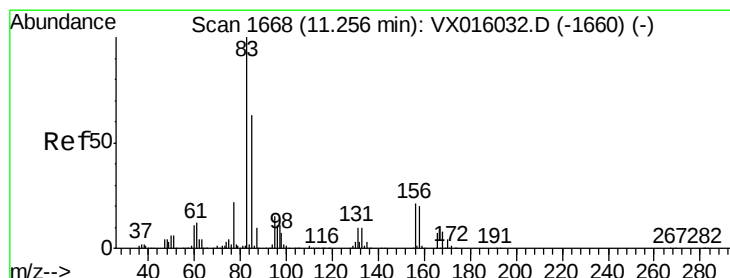
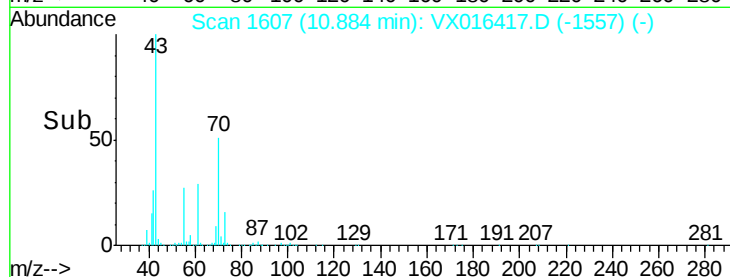
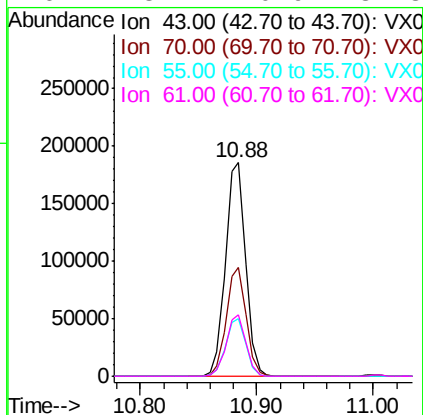
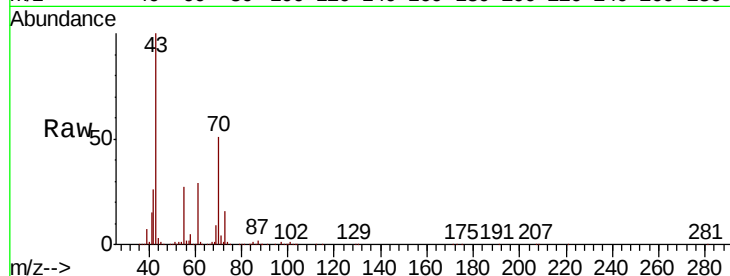
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	43	Resp:	222079
Ion	Ratio	Lower	Upper
43	100		
70	50.2	36.5	54.7
55	26.9	19.7	29.5
61	28.1	20.9	31.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 70.806 ug/l

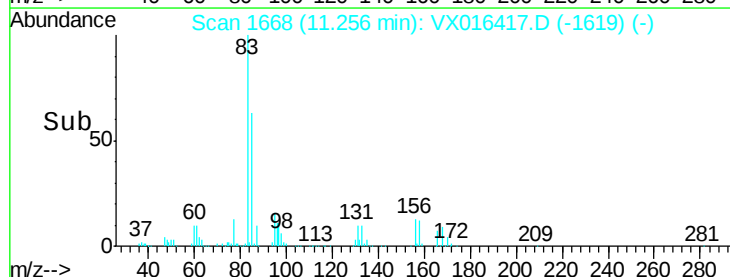
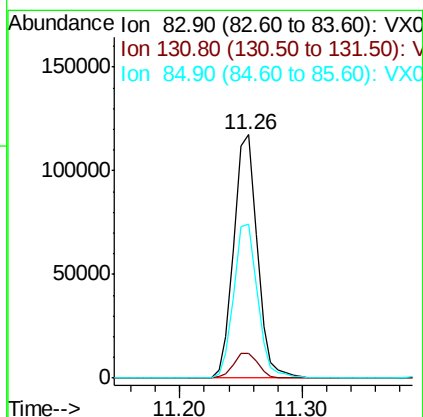
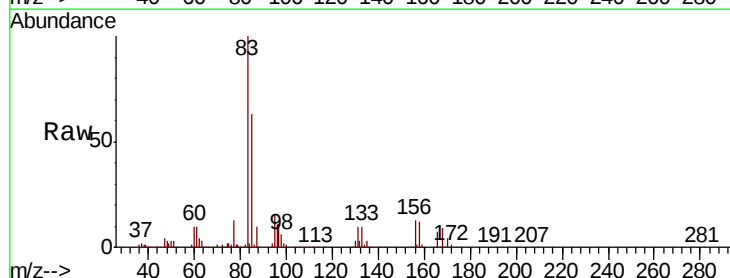
RT: 11.26 min Scan# 1668

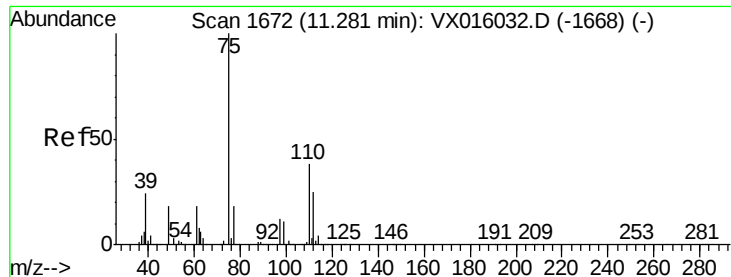
Delta R.T. 0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	83	Resp:	155714
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.4
85	64.3	32.0	96.0





#76

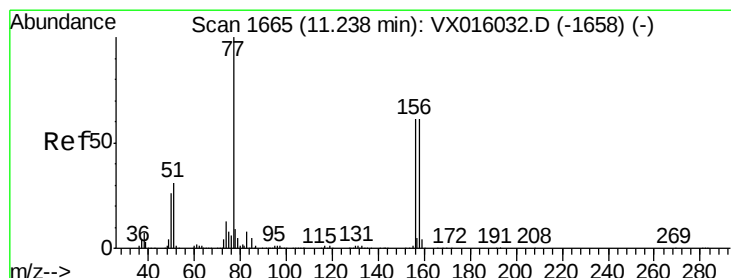
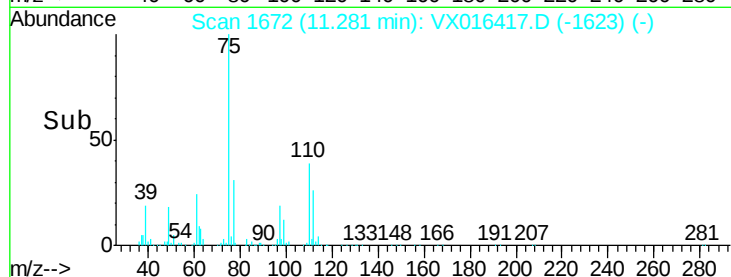
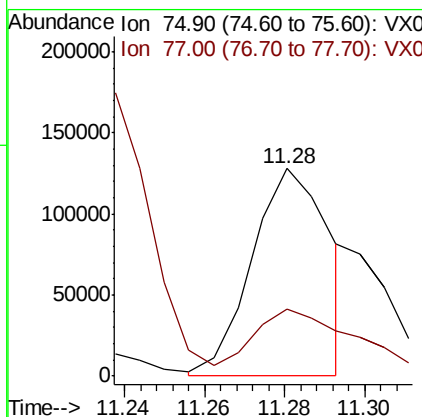
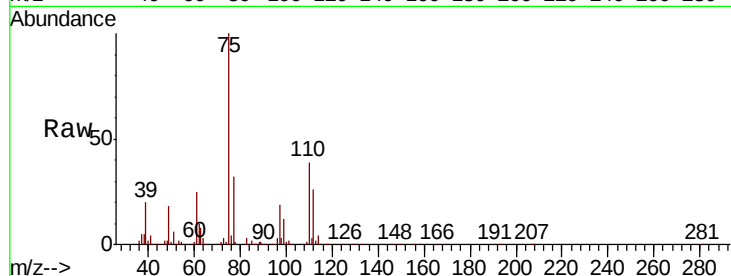
1,2,3-Trichloropropane
Concen: 52.014 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	43.0	21.2	63.6

Manual Integrations
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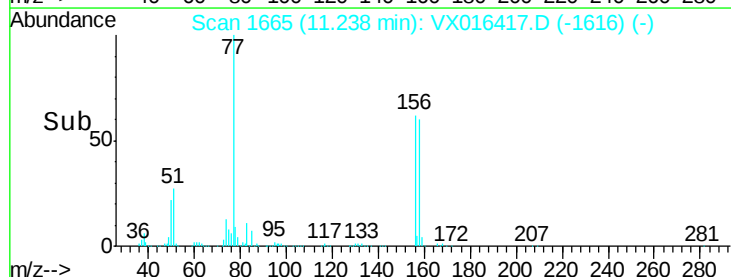
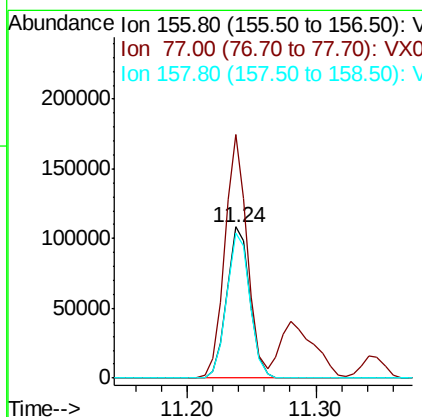
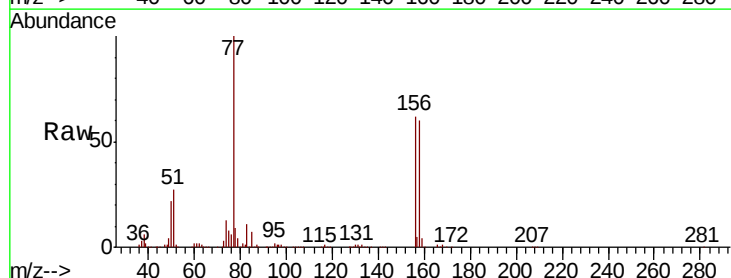
MMDadoda
5/26/2020 11:43:57 AM

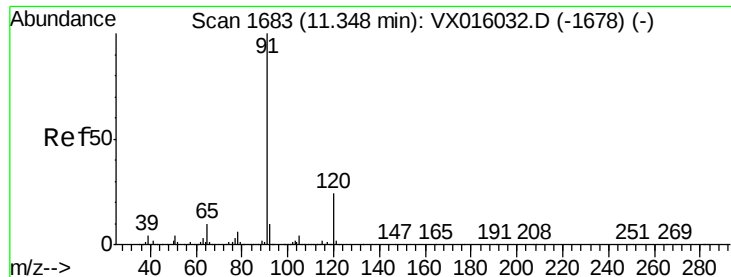


#77

Bromobenzene
Concen: 49.835 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
156	100		
77	155.4	80.1	240.3
158	96.9	49.4	148.2





#78

n-propylbenzene

Concen: 40.665 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion: 91 Resp: 503662

Ion Ratio Lower Upper

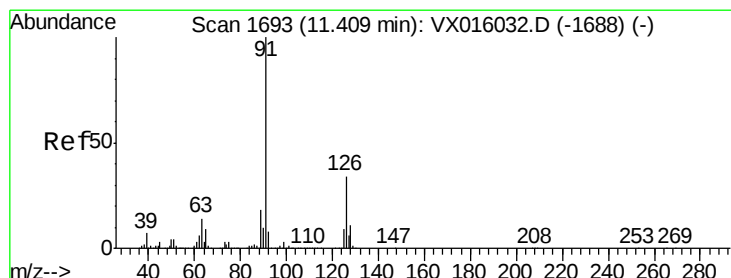
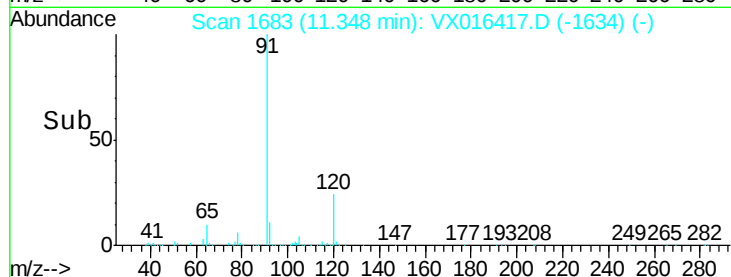
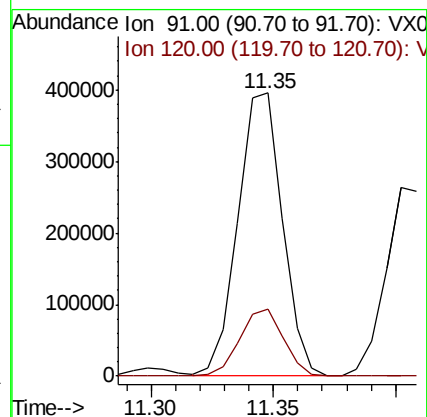
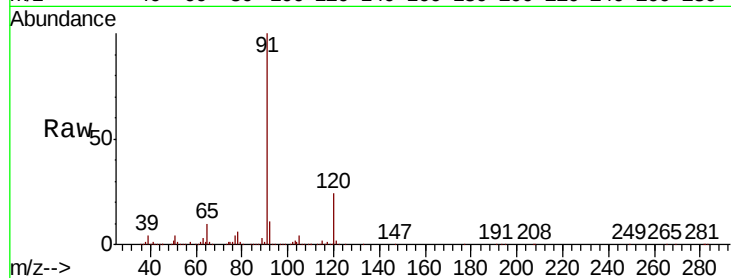
91 100

120 23.1 11.5 34.5

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#79

2-Chlorotoluene

Concen: 46.360 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016417.D

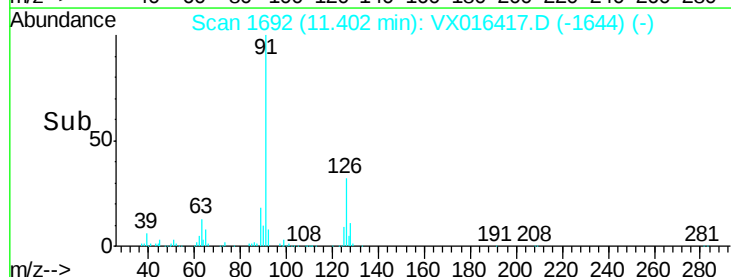
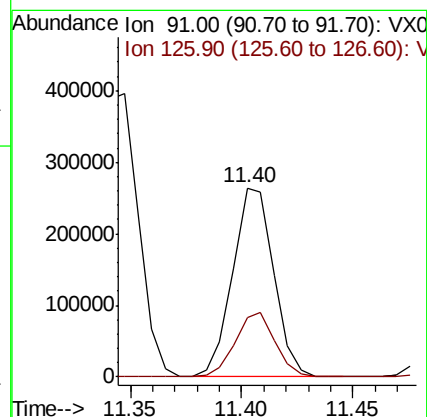
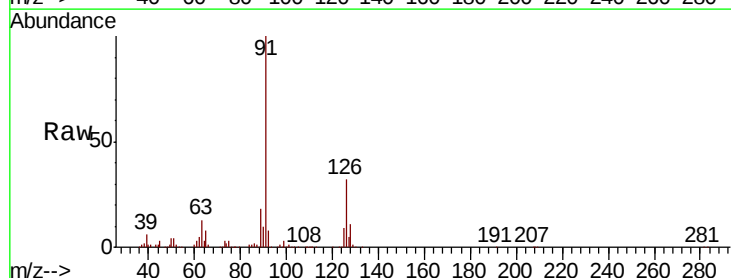
Acq: 22 May 2020 17:07

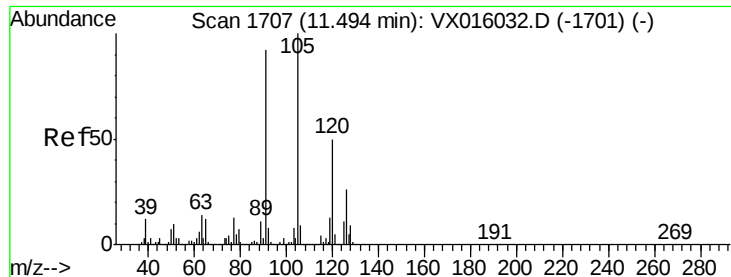
Tgt Ion: 91 Resp: 338932

Ion Ratio Lower Upper

91 100

126 33.2 16.9 50.6





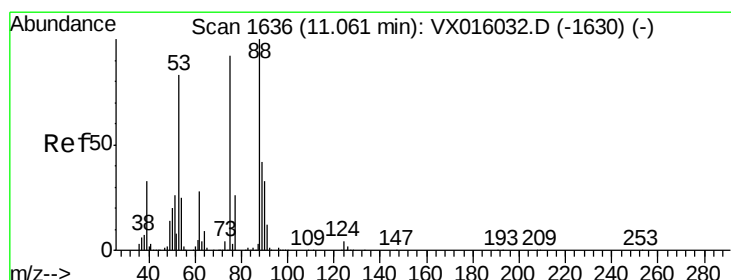
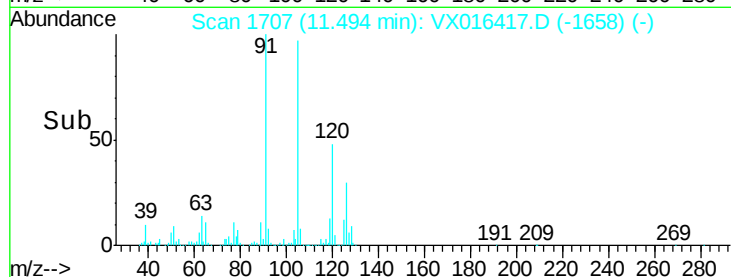
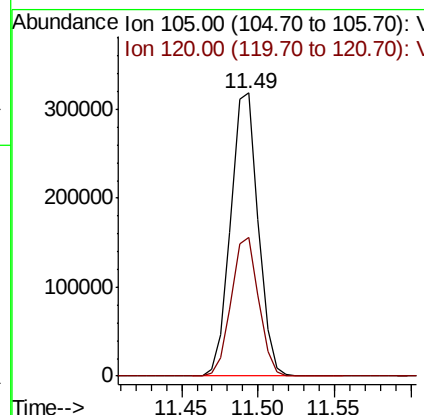
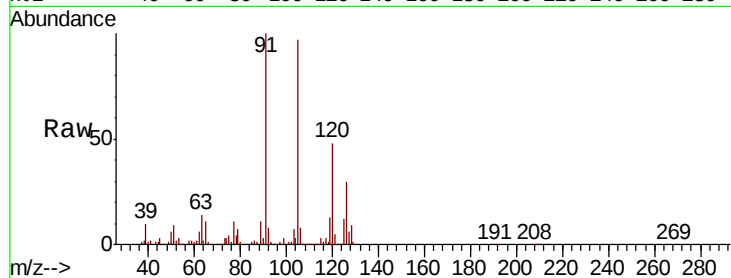
#80
 1,3,5-Trimethylbenzene
 Concen: 44.145 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.6	74.0

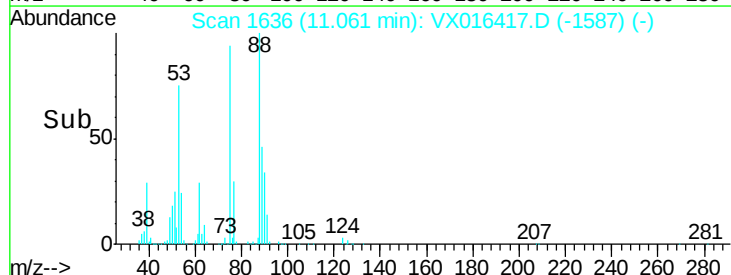
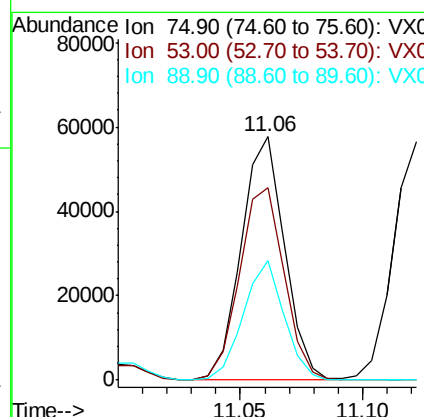
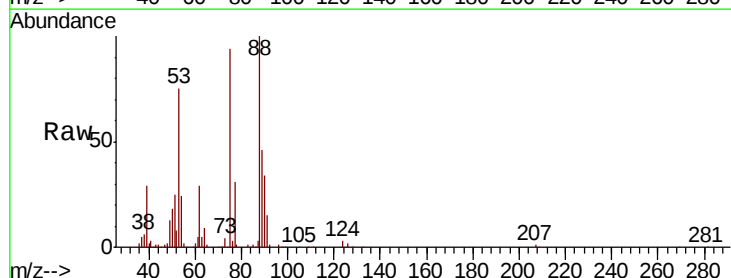
Manual Integrations
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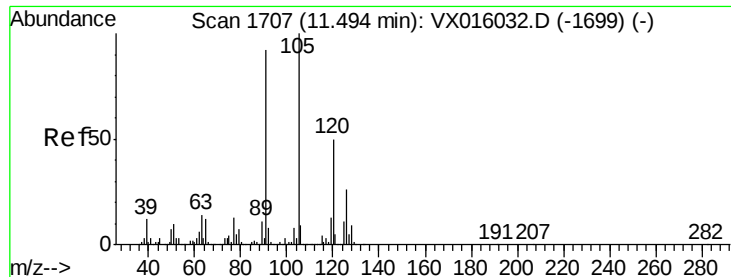
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.562 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.0	73.1	109.7
89	46.8	36.7	55.1





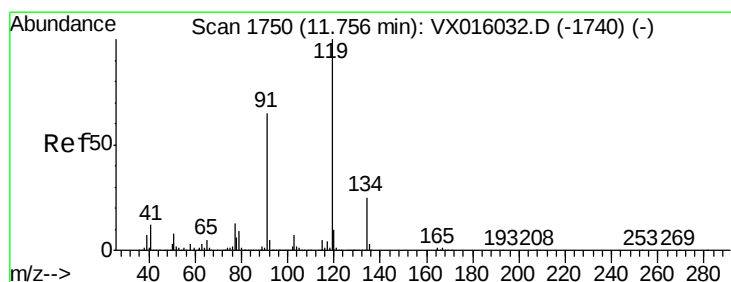
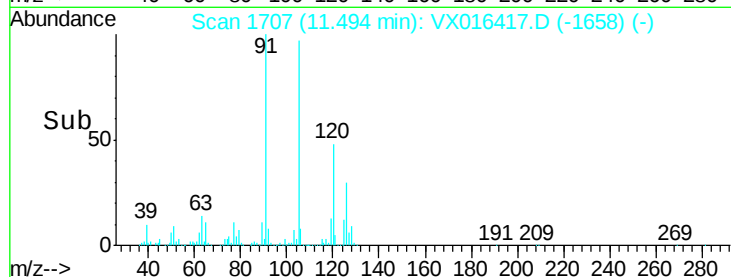
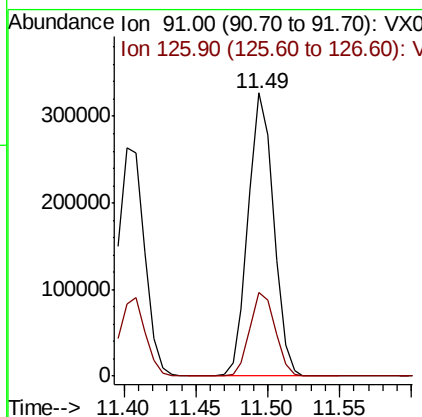
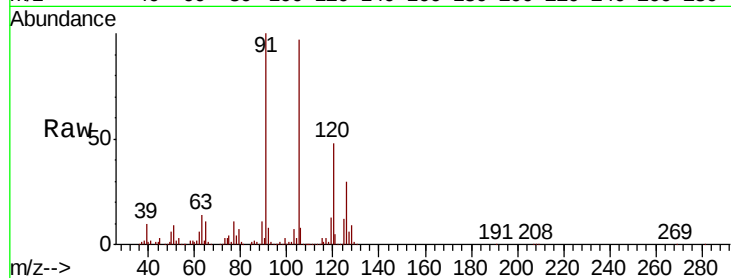
#82
4-Chlorotoluene
Concen: 46.365 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	400276		
126	29.7	14.8	44.3	

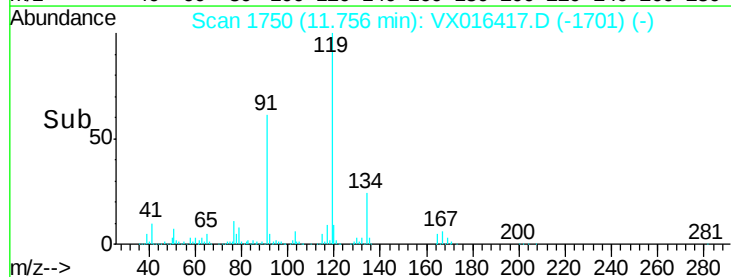
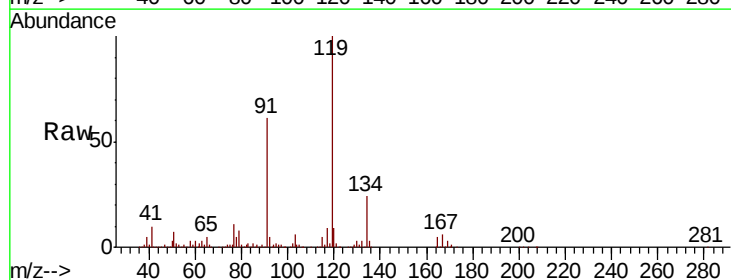
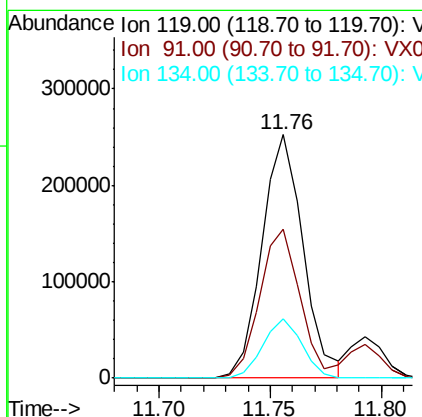
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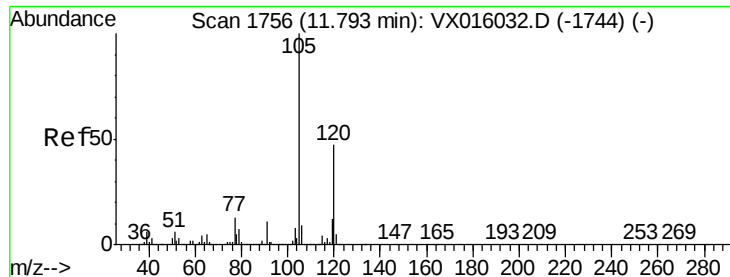
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#83
tert-Butylbenzene
Concen: 41.870 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	324358		
91	59.6	32.8	98.4	
134	23.4	12.4	37.0	





#84

1,2,4-Trimethylbenzene

Concen: 45.518 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion:105 Resp: 413670

Ion Ratio Lower Upper

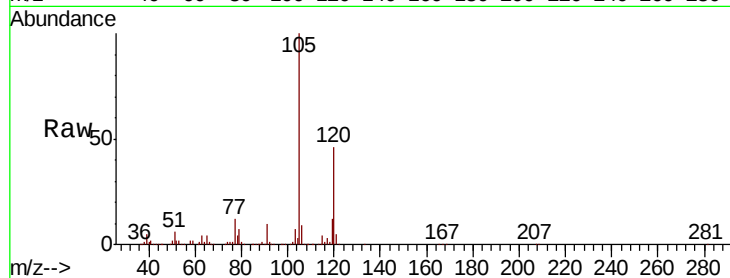
105 100

120 45.8 23.0 69.0

Manual Integrations
APPROVED

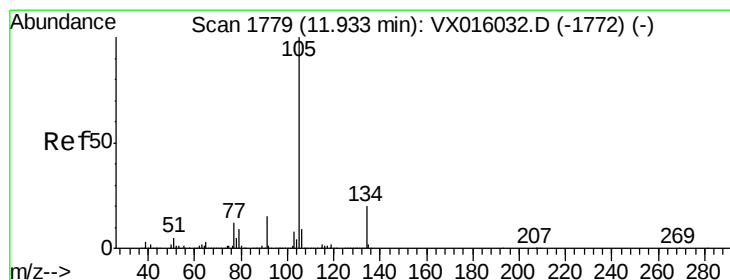
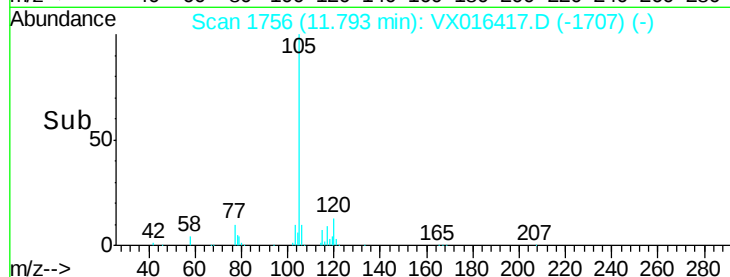
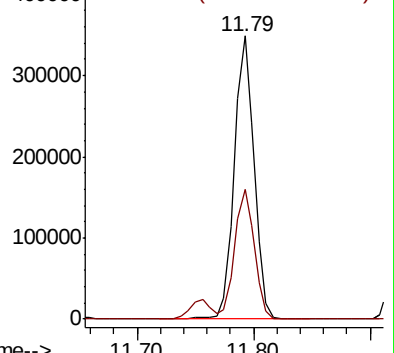
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 34.768 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016417.D

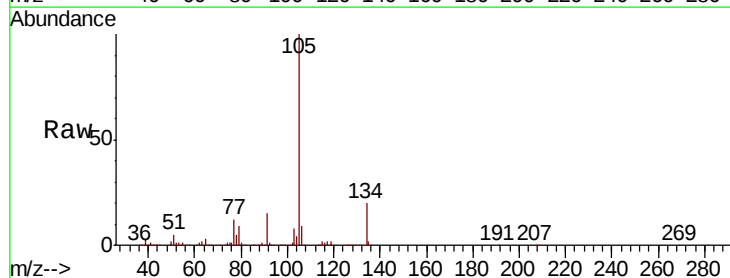
Acq: 22 May 2020 17:07

Tgt Ion:105 Resp: 363660

Ion Ratio Lower Upper

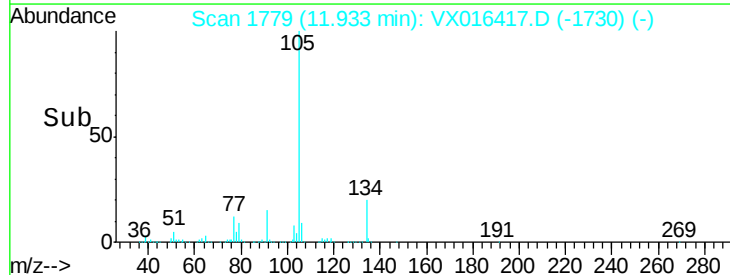
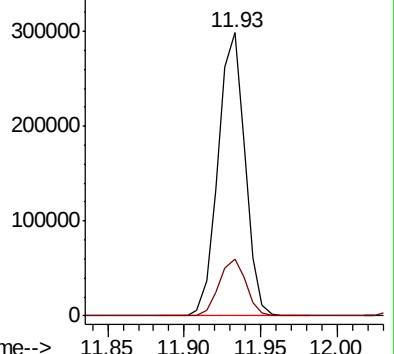
105 100

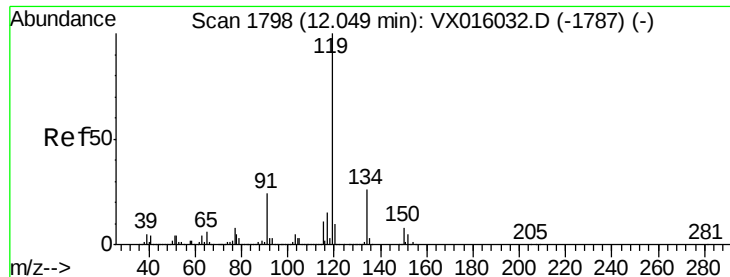
134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





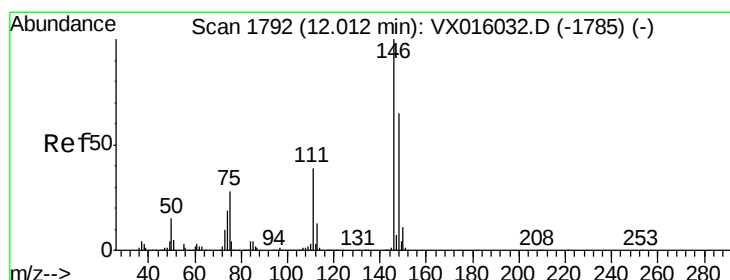
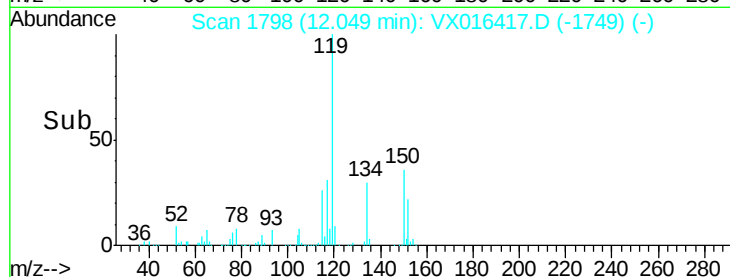
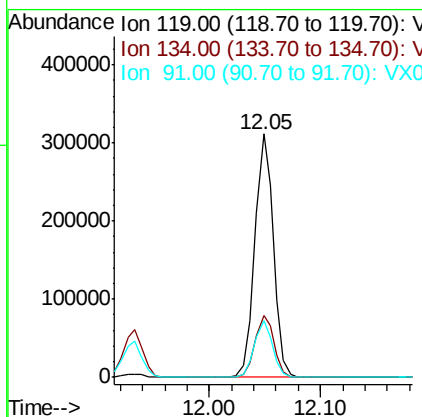
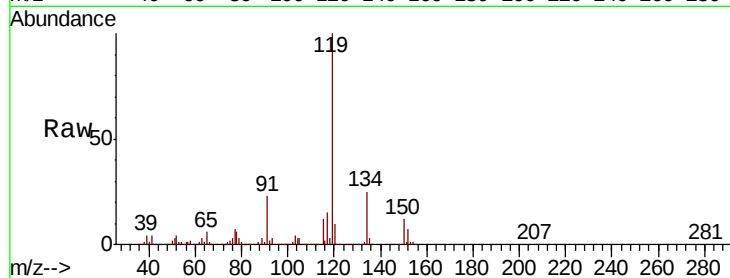
#86
p-Isopropyltoluene
Concen: 37.065 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	359942		
134	26.1		13.1	39.3
91	23.1		11.8	35.4

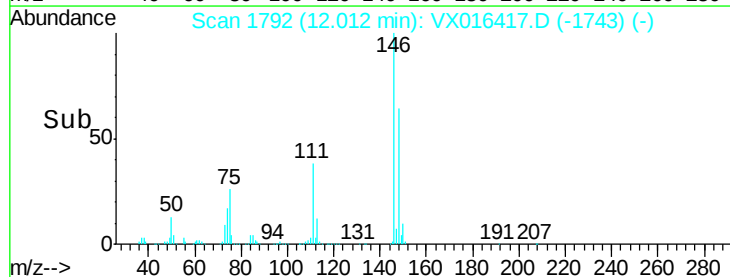
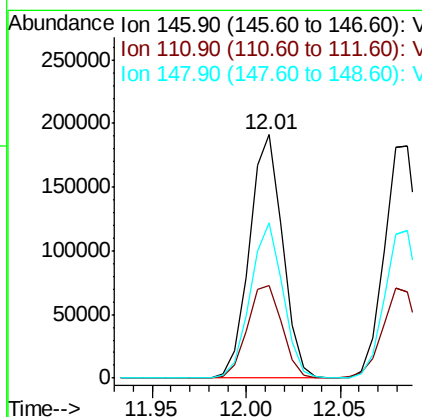
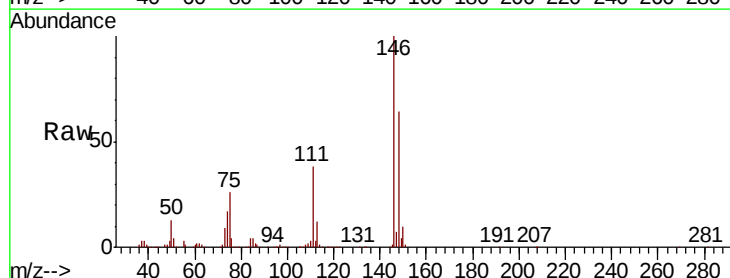
Manual Integrations
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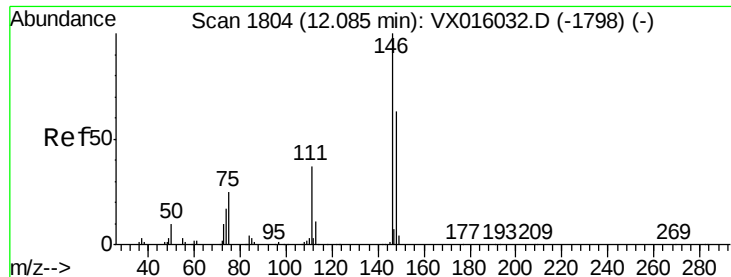
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#87
1,3-Dichlorobenzene
Concen: 47.154 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	232669		
111	39.8		20.2	60.6
148	62.7		32.1	96.3





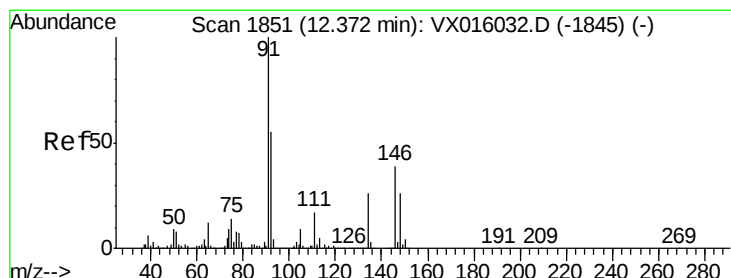
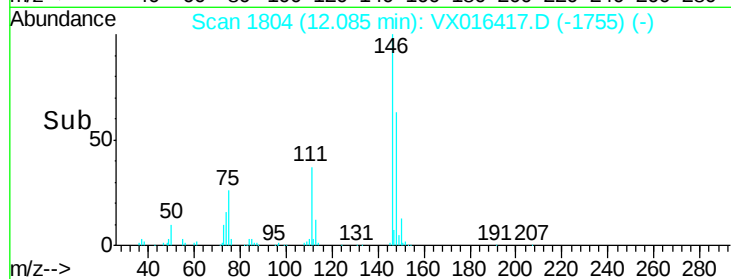
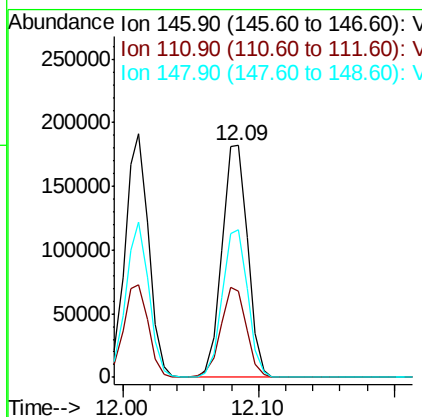
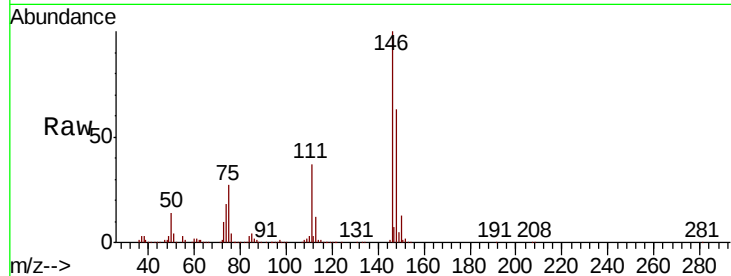
#88
 1,4-Dichlorobenzene
 Concen: 47.588 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Tot Ion:	146	Resp:	238323
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.6	58.7
148	63.0	31.8	95.3

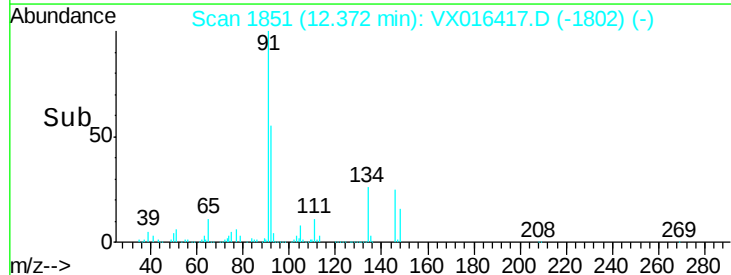
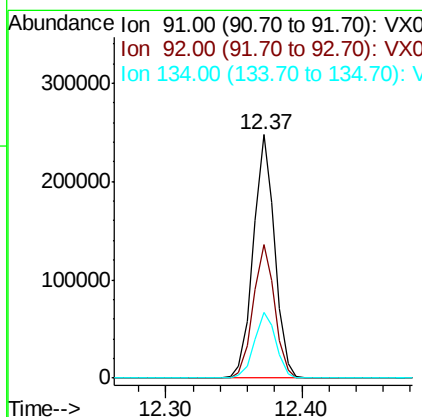
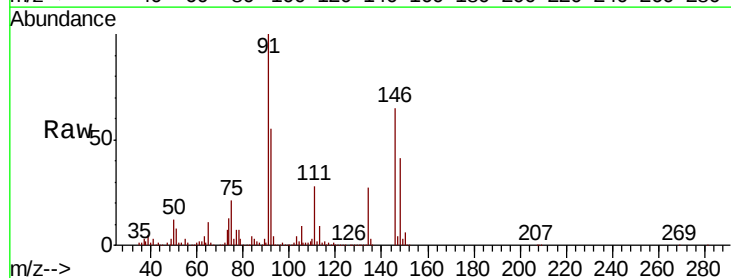
Manual Integrations
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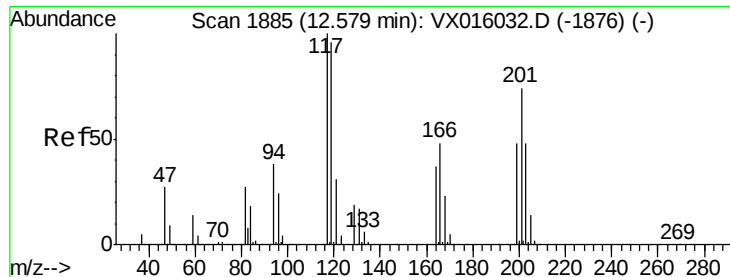
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#89
 n-Butylbenzene
 Concen: 30.739 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion:	91	Resp:	272707
Ion Ratio	Lower	Upper	
91	100		
92	55.4	27.6	82.7
134	27.4	13.4	40.1





#90

Hexachloroethane

Concen: 39.278 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MSD

Tot Ion:117 Resp: 65509

Ion Ratio Lower Upper

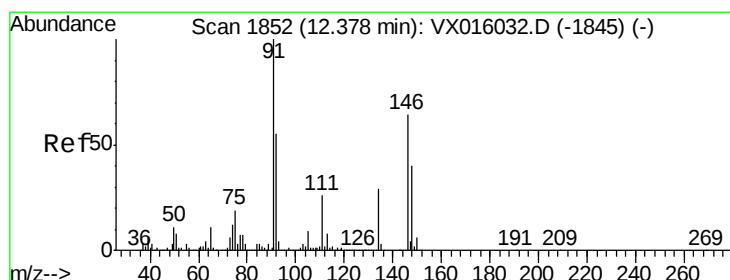
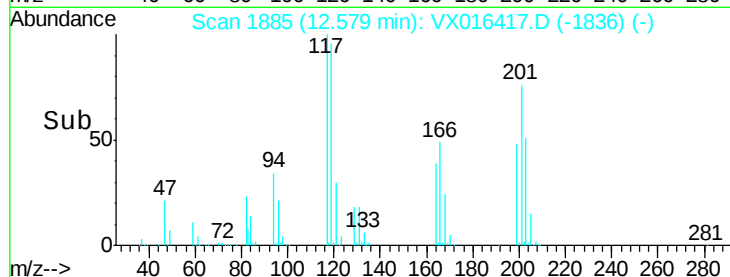
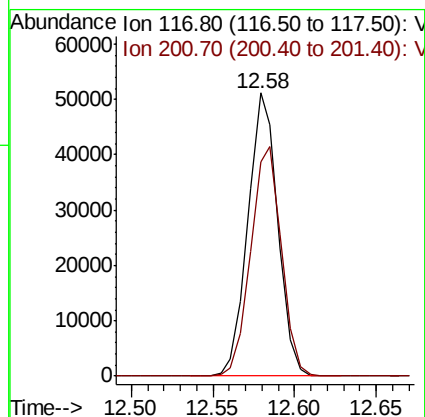
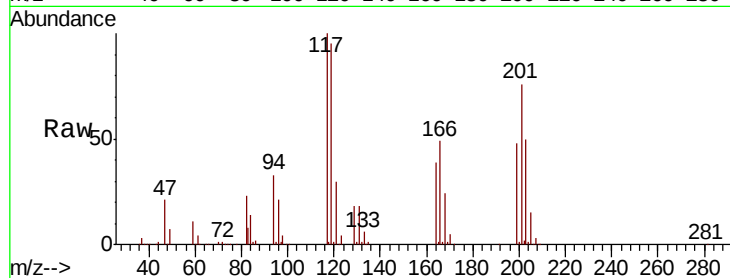
117 100

201 82.7 39.8 119.3

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#91

1,2-Dichlorobenzene

Concen: 48.729 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

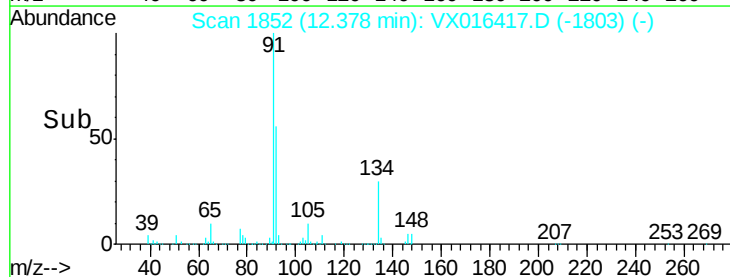
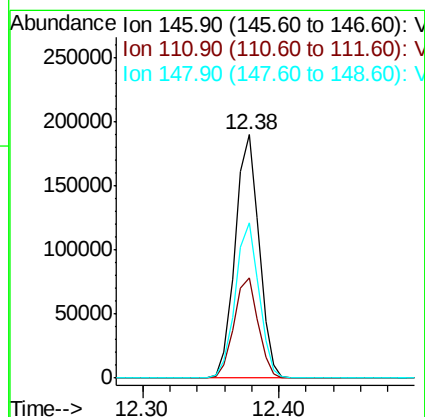
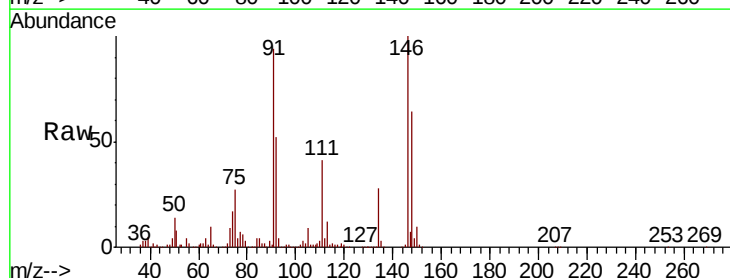
Tgt Ion:146 Resp: 231516

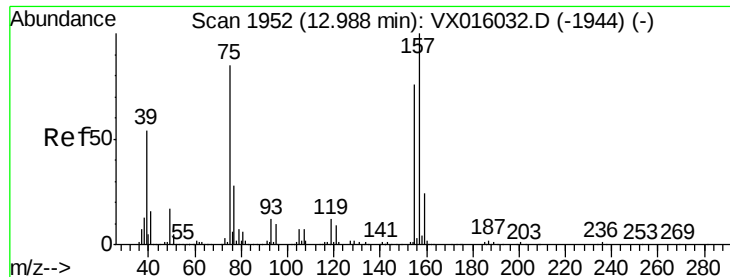
Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.1

148 63.4 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.656 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

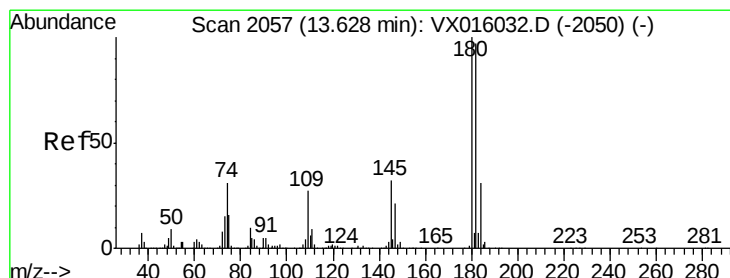
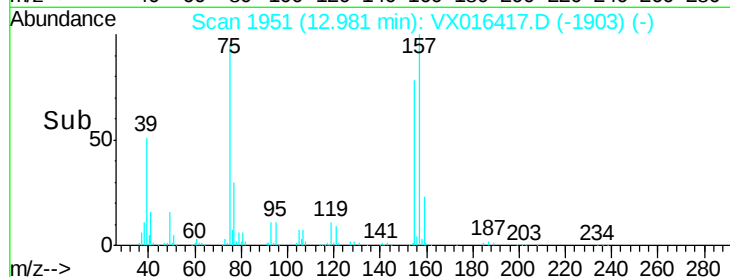
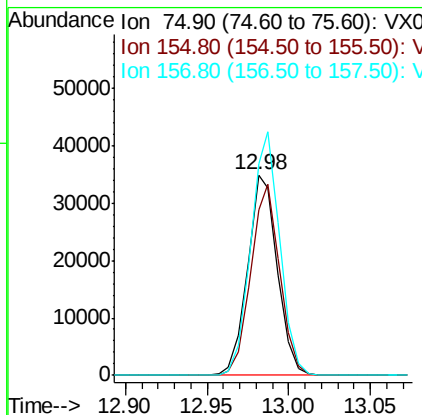
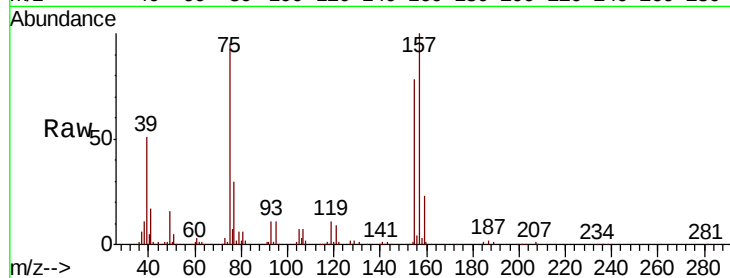
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	75	Resp:	44346
Ion Ratio	Lower	Upper	
75	100		
155	92.3	42.5	127.5
157	117.9	55.3	165.8

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#93

1,2,4-Trichlorobenzene

Concen: 38.995 ug/l

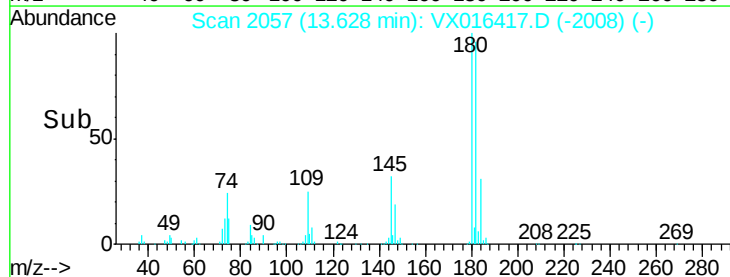
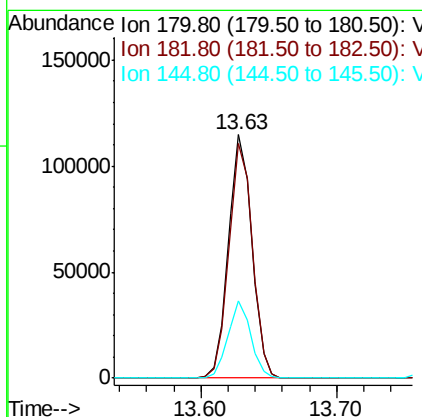
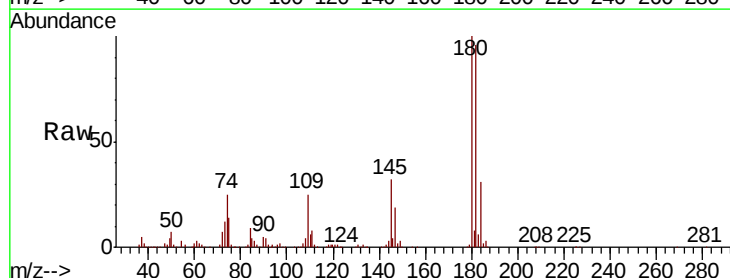
RT: 13.63 min Scan# 2057

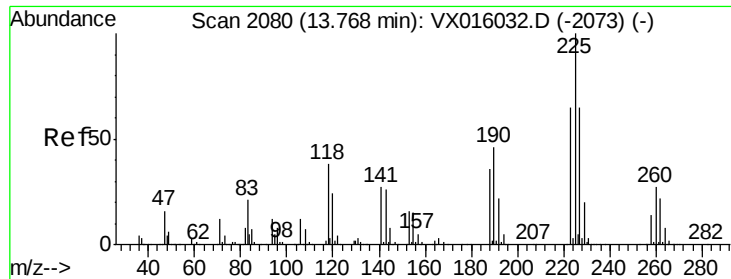
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	180	Resp:	137167
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.7	146.1
145	30.9	15.7	47.1





#94

Hexachlorobutadiene

Concen: 26.178 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

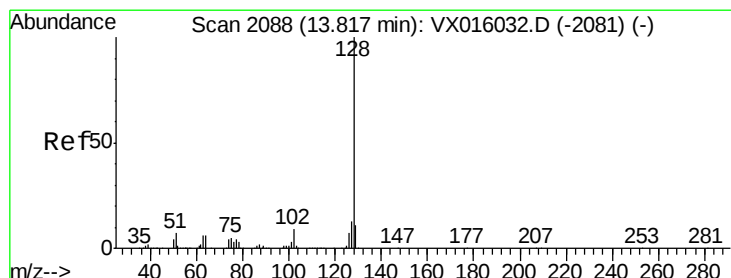
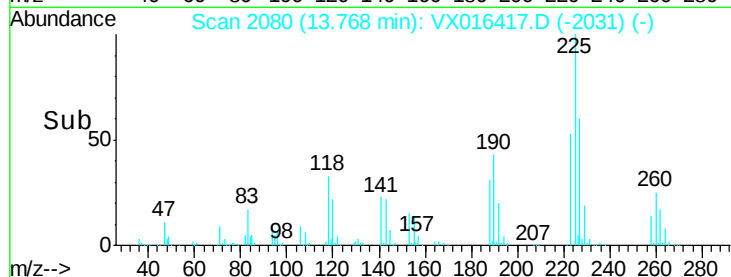
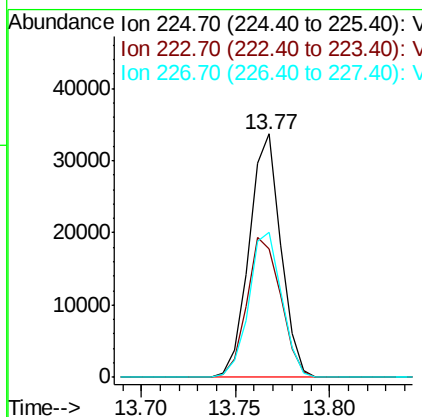
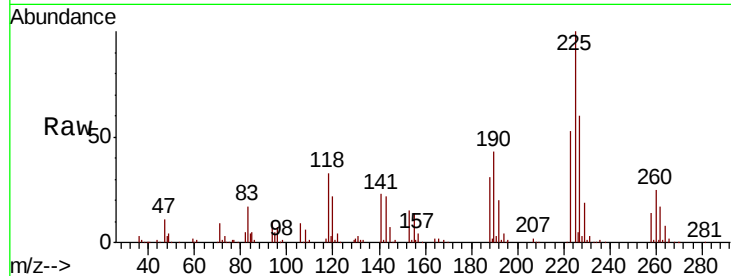
ClientSampleId :

SS042MW024-200521MSD

Tot Ion:	225	Resp:	39269
Ion Ratio	Lower	Upper	
225	100		
223	61.6	32.3	96.9
227	61.6	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 48.050 ug/l

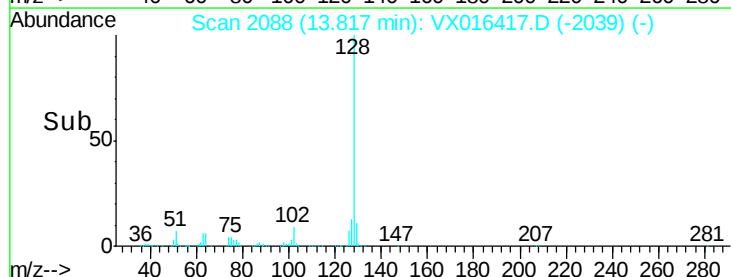
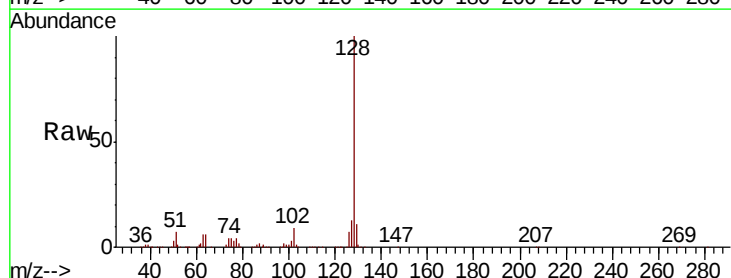
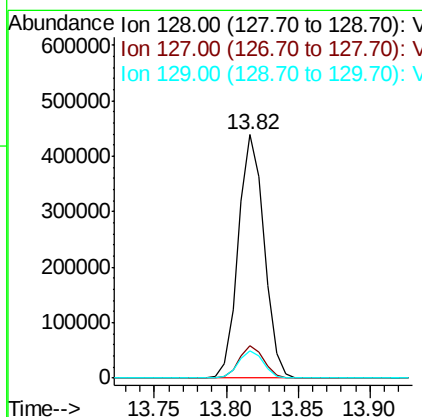
RT: 13.82 min Scan# 2088

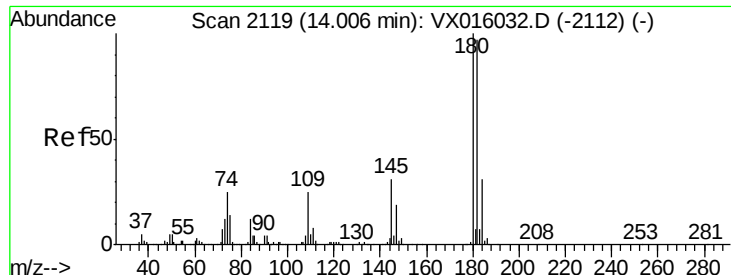
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	128	Resp:	547282
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 39.610 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	97.9	48.4	145.0
145	33.4	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:43:57 AM

