

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016416.D
 Acq On : 22 May 2020 16:44
 Operator : JC/SP
 Sample : L2743-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:43:59 AM

Quant Time: May 23 03:39:59 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	211568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	338047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	316939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165932	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	128340	46.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.20%	
35) Dibromofluoromethane	5.47	113	108479	50.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	414495	50.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.12	95	164908	52.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	104746	46.774	ug/l	99
3) Chloromethane	1.31	50	116424	44.767	ug/l	99
4) Vinyl Chloride	1.39	62	129012	46.497	ug/l	100
5) Bromomethane	1.62	94	49401	35.316	ug/l	99
6) Chloroethane	1.70	64	77021	45.622	ug/l	100
7) Trichlorofluoromethane	1.91	101	176375	48.419	ug/l	99
8) Diethyl Ether	2.17	74	71221	46.403	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	97766	46.519	ug/l	98
10) Methyl Iodide	2.49	142	96103	34.043	ug/l	99
11) Tert butyl alcohol	3.03	59	158191	224.701	ug/l	99
12) 1,1-Dichloroethene	2.35	96	102295	46.513	ug/l	96
13) Acrolein	2.27	56	100422	227.950	ug/l	99
14) Allyl chloride	2.70	41	169656	42.072	ug/l	93
15) Acrylonitrile	3.12	53	344941	236.186	ug/l	99
16) Acetone	2.42	43	263997	212.523	ug/l	93
17) Carbon Disulfide	2.55	76	285505	43.201	ug/l	100
18) Methyl Acetate	2.75	43	136625	44.732	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	377601	49.805	ug/l	99
20) Methylene Chloride	2.84	84	121455	47.429	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	118972	48.544	ug/l	90
22) Diisopropyl ether	3.82	45	346277	45.518	ug/l	96
23) Vinyl Acetate	3.79	43	1486115	222.041	ug/l	96
24) 1,1-Dichloroethane	3.67	63	205155	48.208	ug/l	99
25) 2-Butanone	4.64	43	457730	228.672	ug/l	95
26) 2,2-Dichloropropane	4.55	77	167412	43.076	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	139347	52.008	ug/l	93
28) Bromochloromethane	4.98	49	81421	41.959	ug/l	89
29) Tetrahydrofuran	5.09	42	301134	227.044	ug/l	92
30) Chloroform	5.18	83	212422	50.133	ug/l	97
31) Cyclohexane	5.55	56	171677	44.389	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	194079	50.390	ug/l	97
36) 1,1-Dichloropropene	5.77	75	156153	46.927	ug/l	99
37) Ethyl Acetate	4.79	43	169836	44.036	ug/l	96
38) Carbon Tetrachloride	5.76	117	170575	50.432	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169073	42.191	ug/l	99
40) Benzene	6.12	78	486347	49.951	ug/l	99
41) Methacrylonitrile	5.01	41	95093	45.655	ug/l	94
42) 1,2-Dichloroethane	6.17	62	163713	46.677	ug/l	97
43) Isopropyl Acetate	6.42	43	270309	43.927	ug/l	95
44) Trichloroethene	7.19	130	146823	42.447	ug/l	100
45) 1,2-Dichloropropane	7.49	63	122063	49.546	ug/l	100
46) Dibromomethane	7.64	93	83701	49.994	ug/l	97
47) Bromodichloromethane	7.88	83	171171	50.200	ug/l	95
48) Methyl methacrylate	7.75	41	129069	44.264	ug/l	90
49) 1,4-Dioxane	7.72	88	64695	925.106	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	883133	234.523	ug/l	95
52) Toluene	8.77	92	311618	51.347	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	197069	48.473	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	202516	47.690	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	125372	52.507	ug/l	97
56) Ethyl methacrylate	9.16	69	199468	51.179	ug/l	89
57) 1,3-Dichloropropane	9.35	76	209150	50.200	ug/l	99
59) 2-Hexanone	9.48	43	690264	233.413	ug/l	94
60) Dibromochloromethane	9.57	129	142935	54.354	ug/l	99
61) 1,2-Dibromoethane	9.65	107	134996	52.196	ug/l	99
64) Tetrachloroethene	9.32	164	161151	41.418	ug/l	97
65) Chlorobenzene	10.12	112	336019	50.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129792	52.915	ug/l	100
67) Ethyl Benzene	10.24	91	590584	49.877	ug/l	100
68) m/p-Xylenes	10.34	106	456240	102.841	ug/l	99
69) o-Xylene	10.68	106	219975	51.584	ug/l	99
70) Styrene	10.70	104	385432	53.277	ug/l	99
71) Bromoform	10.84	173	114200	57.145	ug/l #	99
73) Isopropylbenzene	11.01	105	576081	47.732	ug/l	99
74) N-amyl acetate	10.88	43	231886	41.191	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	163484	66.259	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	181139m	48.106	ug/l	
77) Bromobenzene	11.24	156	152176	48.850	ug/l	97
78) n-propylbenzene	11.35	91	650948	46.363	ug/l	99
79) 2-Chlorotoluene	11.40	91	399846	48.246	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	488398	47.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73920	46.783	ug/l	94
82) 4-Chlorotoluene	11.49	91	474070	48.440	ug/l	100
83) tert-Butylbenzene	11.76	119	426290	48.542	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	500456	48.578	ug/l	100
85) sec-Butylbenzene	11.93	105	516918	43.596	ug/l	99
86) p-Isopropyltoluene	12.05	119	484718	44.030	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	271115	48.470	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	270165	47.588	ug/l	99
89) n-Butylbenzene	12.37	91	397970	39.571	ug/l	100
90) Hexachloroethane	12.58	117	85279	45.106	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	258799	48.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46511	46.868	ug/l	92
93) 1,2,4-Trichlorobenzene	13.63	180	170259	42.698	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	58398	34.178	ug/l	98
95) Naphthalene	13.82	128	602916	46.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	165083	42.361	ug/l	98

(#) = 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: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion:168 Resp: 211568

Ion Ratio Lower Upper

168 100

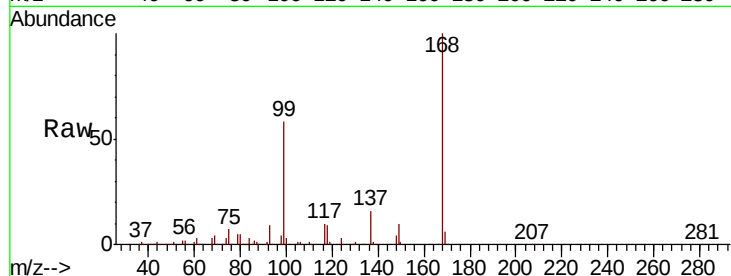
99 57.5 45.0 67.4

Manual Integrations

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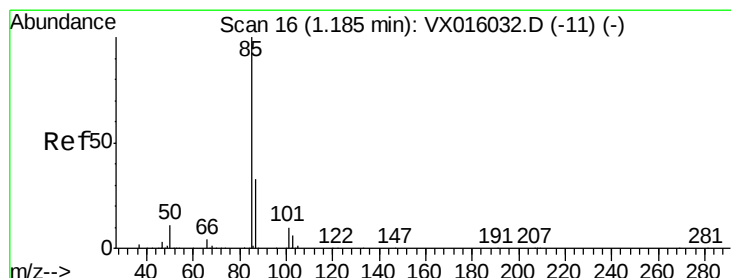
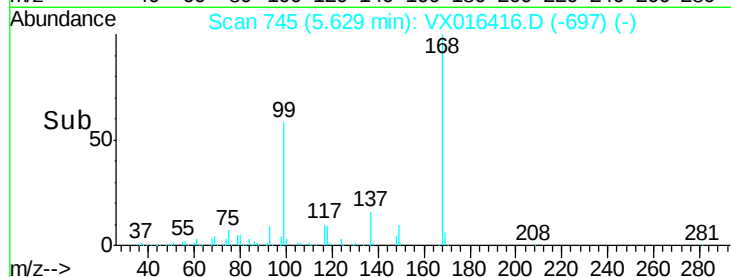
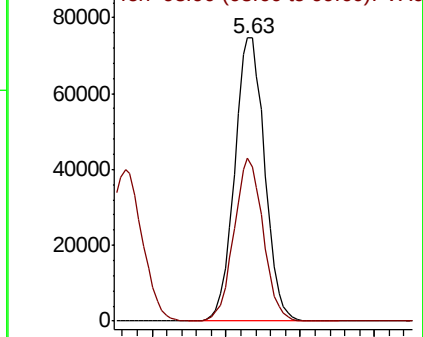
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.774 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016416.D

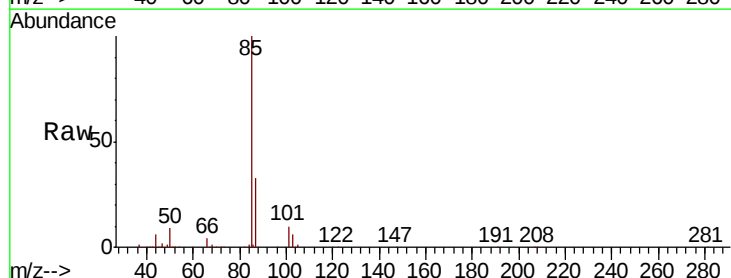
Acq: 22 May 2020 16:44

Tgt Ion: 85 Resp: 104746

Ion Ratio Lower Upper

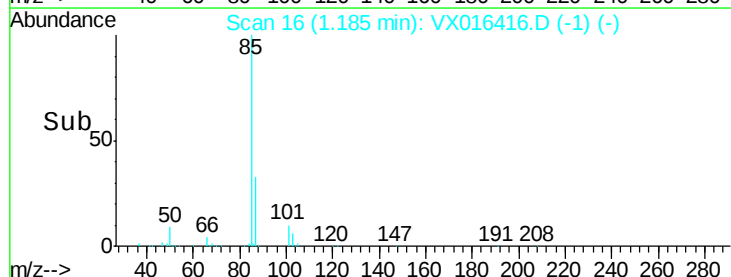
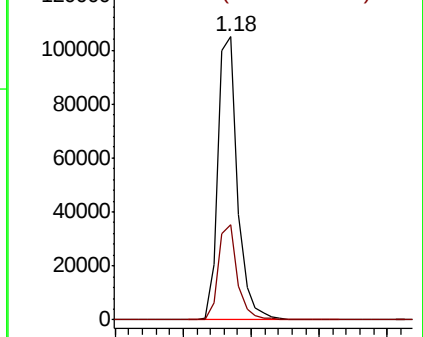
85 100

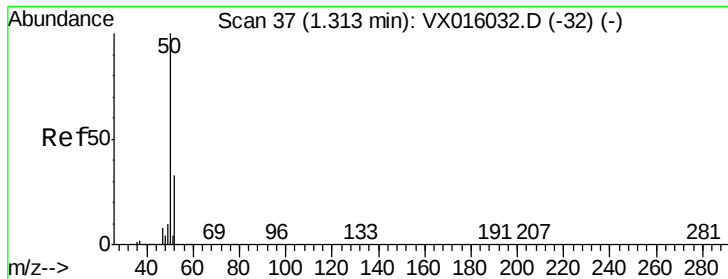
87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.767 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 50 Resp: 116424

Ion Ratio Lower Upper

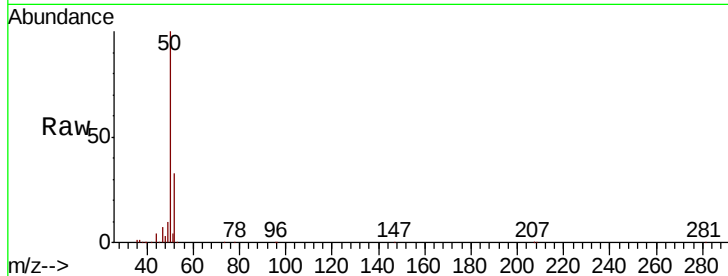
50 100

52 33.1 26.1 39.1

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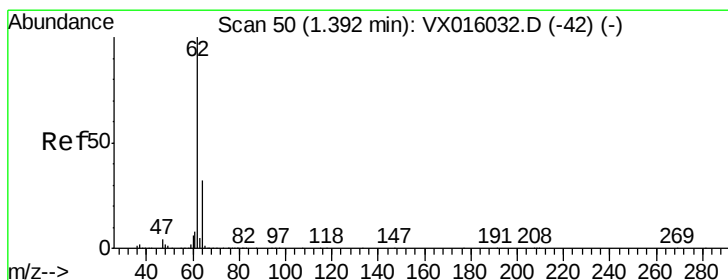
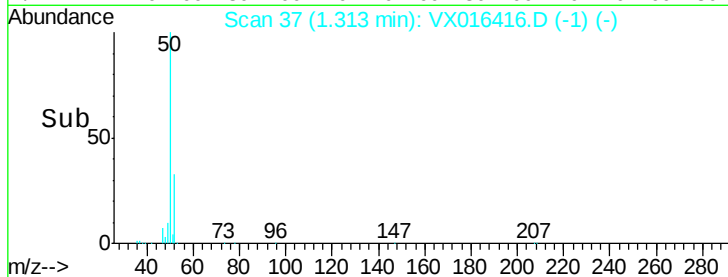
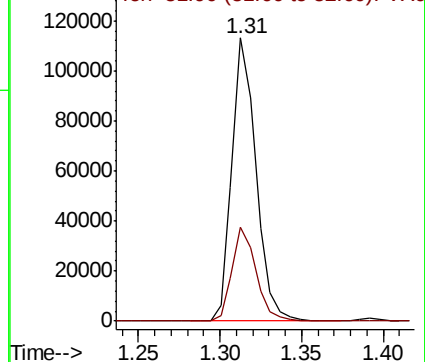
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.497 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016416.D

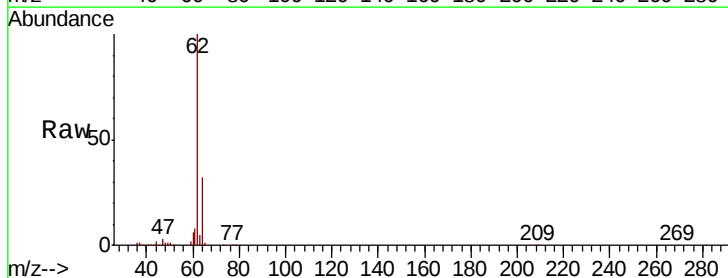
Acq: 22 May 2020 16:44

Tgt Ion: 62 Resp: 129012

Ion Ratio Lower Upper

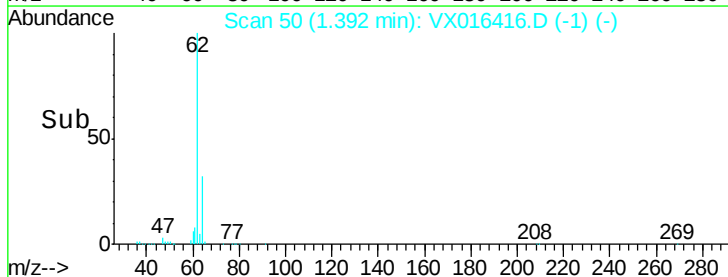
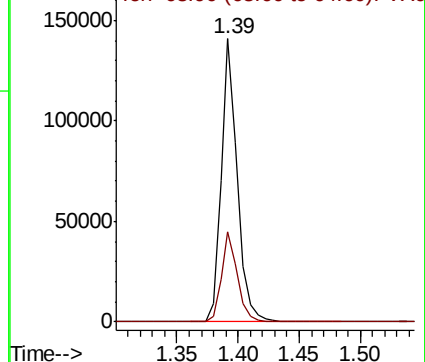
62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.316 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 94 Resp: 49401

Ion Ratio Lower Upper

94 100

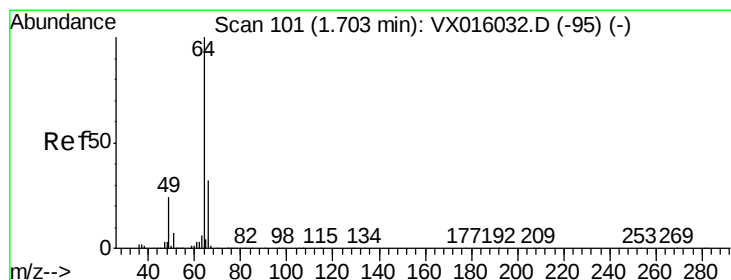
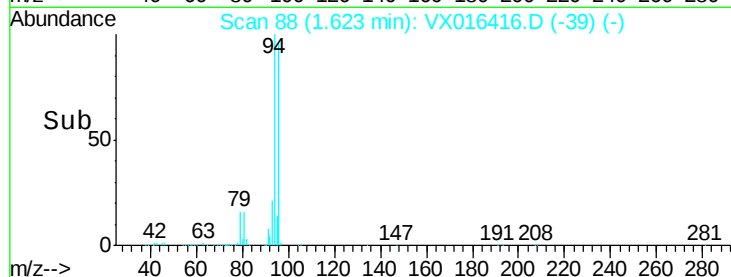
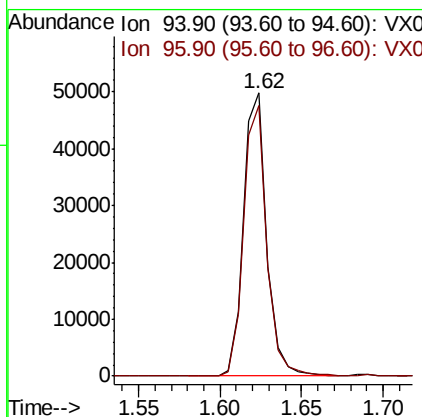
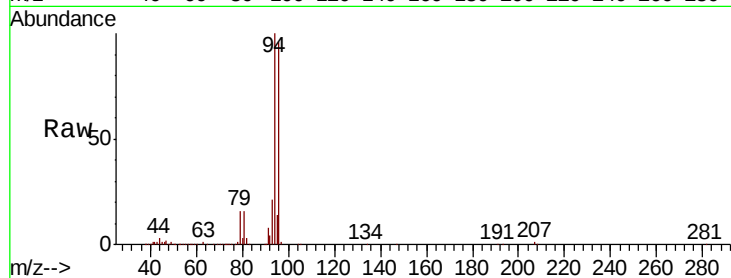
96 95.6 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 45.622 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016416.D

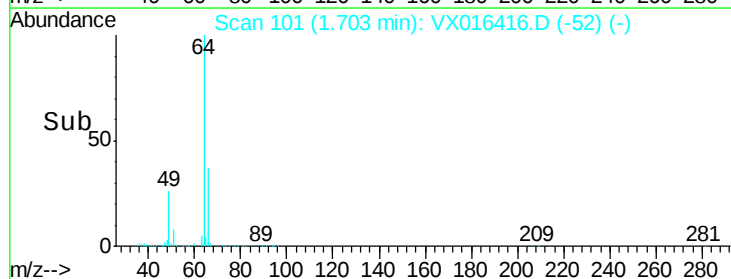
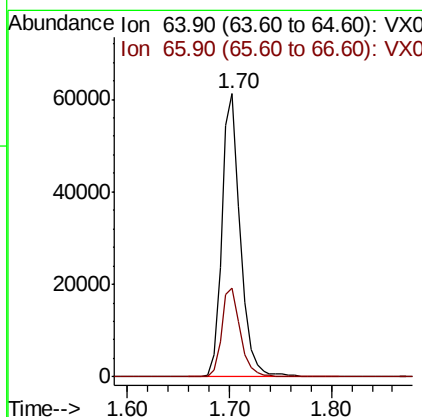
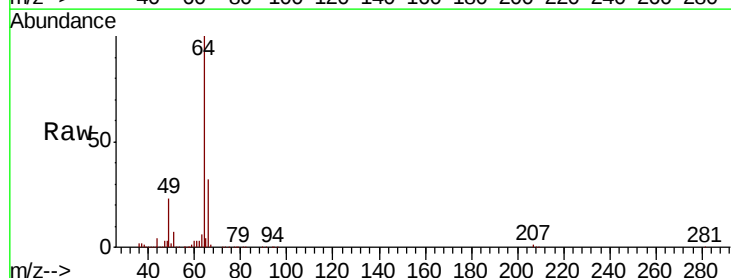
Acq: 22 May 2020 16:44

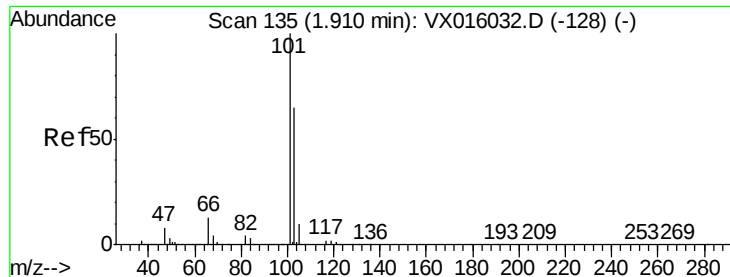
Tgt Ion: 64 Resp: 77021

Ion Ratio Lower Upper

64 100

66 31.6 25.2 37.8





#7

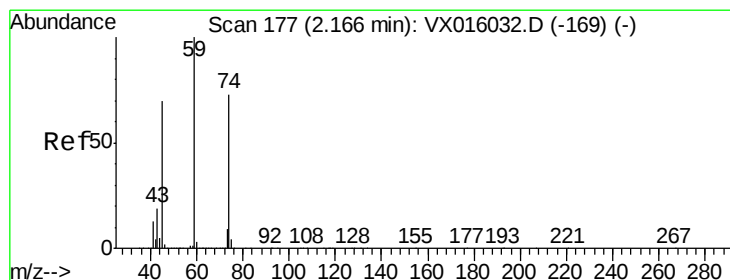
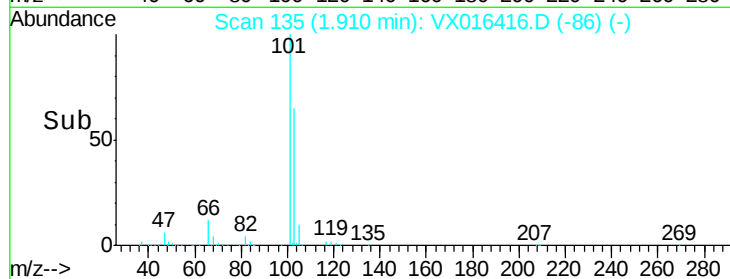
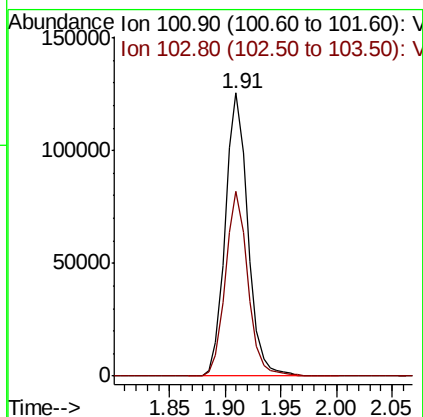
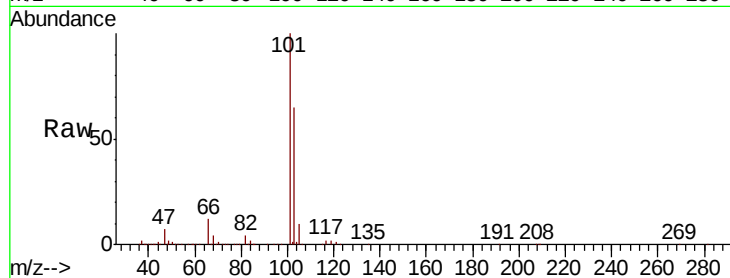
Trichlorofluoromethane
Concen: 48.419 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	176375		
103	65.1		51.8	77.6

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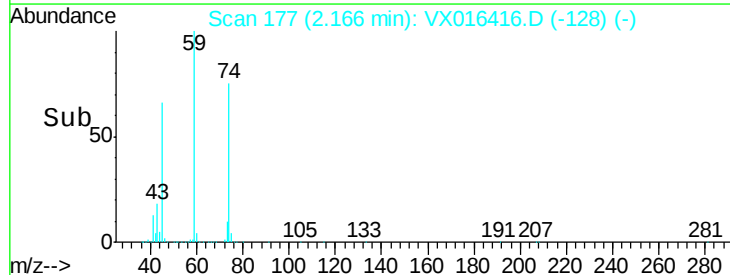
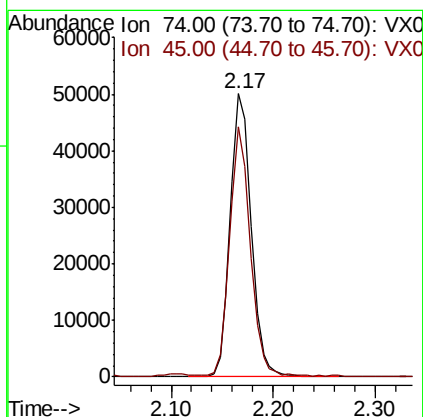
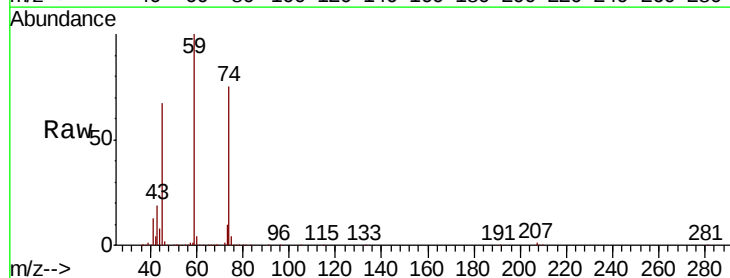
MMDadoda
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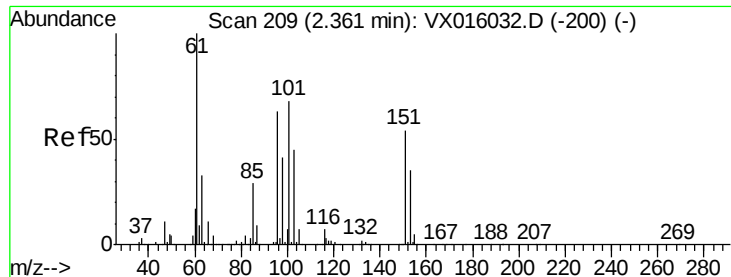


#8

Diethyl Ether
Concen: 46.403 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	71221		
45	85.6		47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.519 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

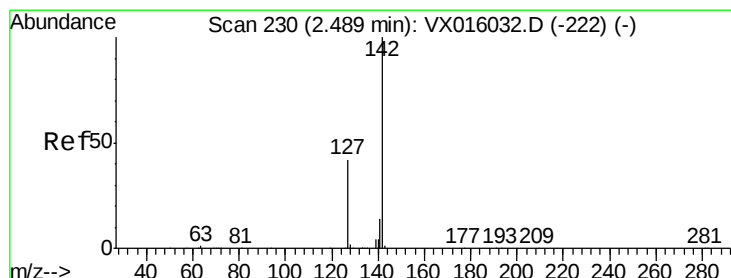
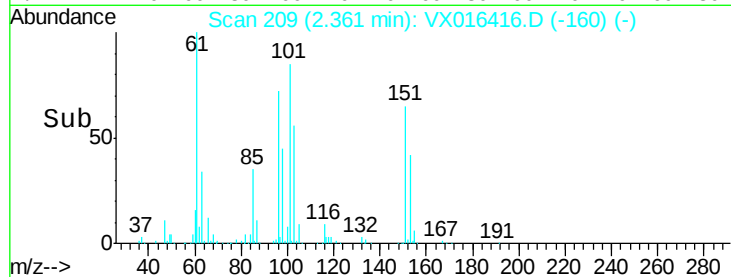
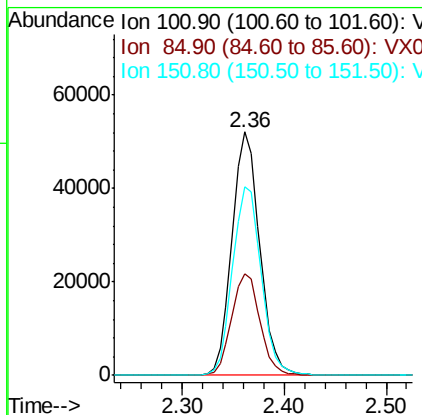
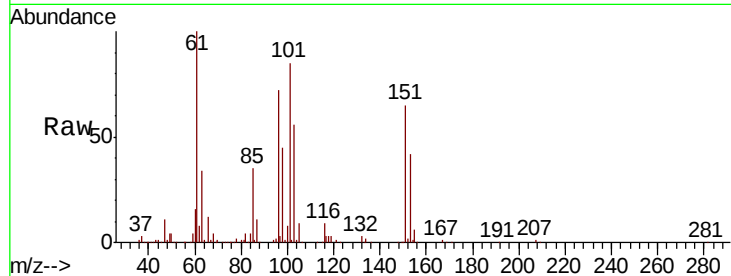
ClientSampleId :

SS042MW024-200521MS

Tot Ion:	101	Resp:	97766
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	79.9	62.1	93.1

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#10

Methyl Iodide

Concen: 34.043 ug/l

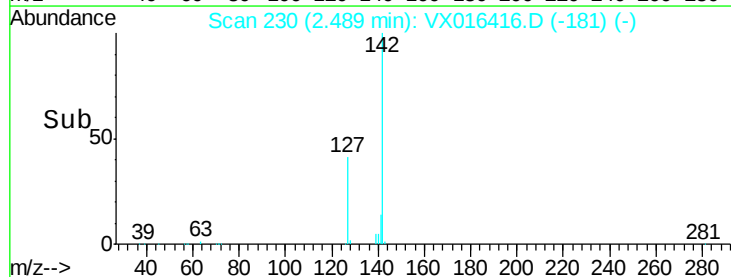
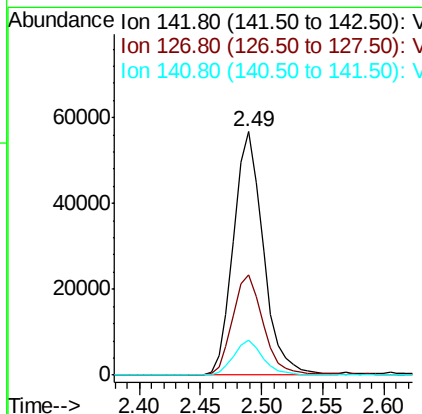
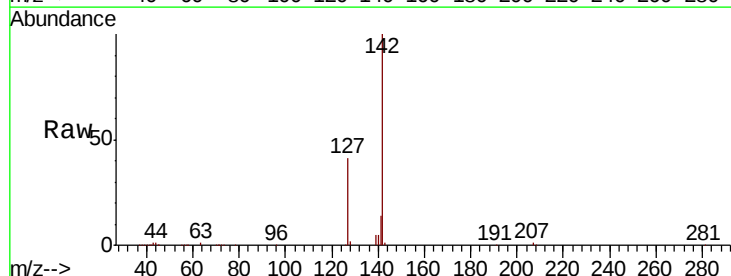
RT: 2.49 min Scan# 230

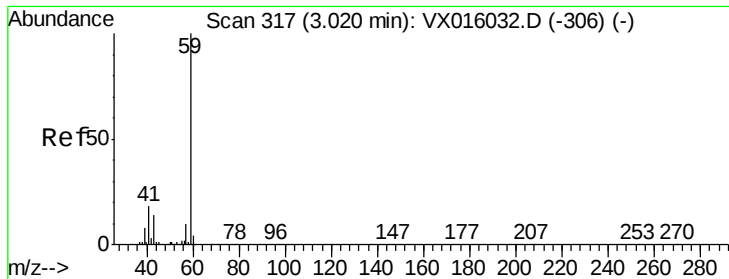
Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion:	142	Resp:	96103
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.6	52.0
141	14.2	11.3	16.9





#11

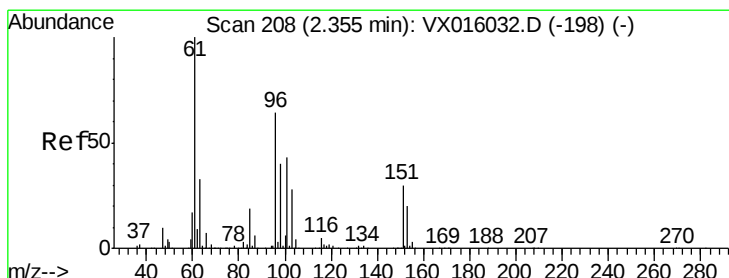
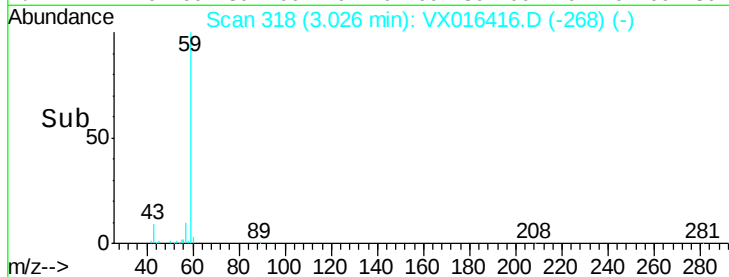
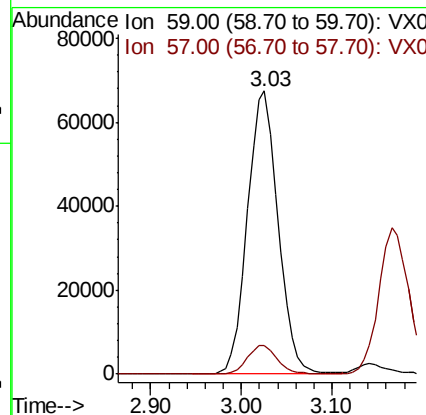
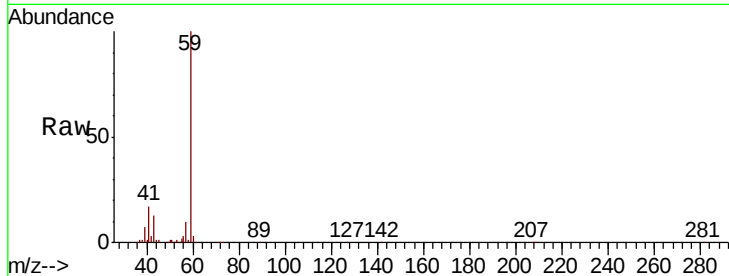
Tert butyl alcohol
Concen: 224.701 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

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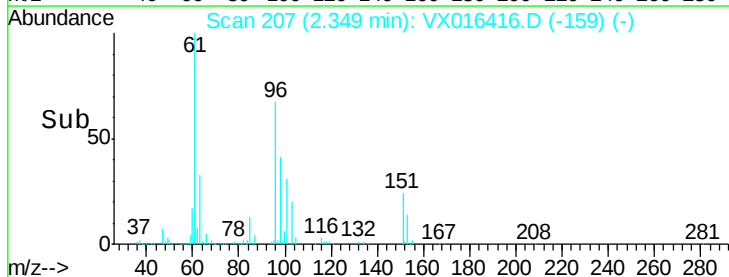
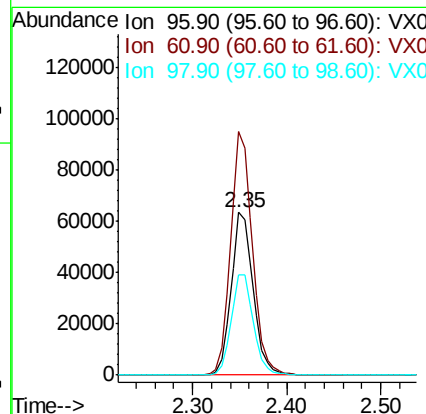
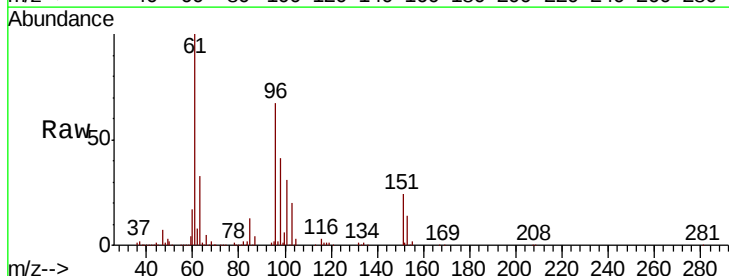
MMDadoda
5/26/2020 11:43:59 AM



#12

1,1-Dichloroethene
Concen: 46.513 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.7	124.8	187.2
98	61.3	49.7	74.5





#13

Acrolein

Concen: 227.950 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 56 Resp: 100422

Ion Ratio Lower Upper

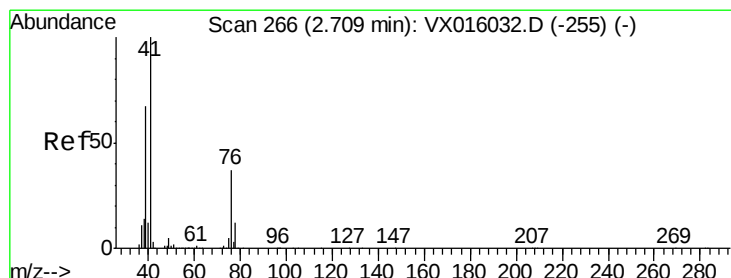
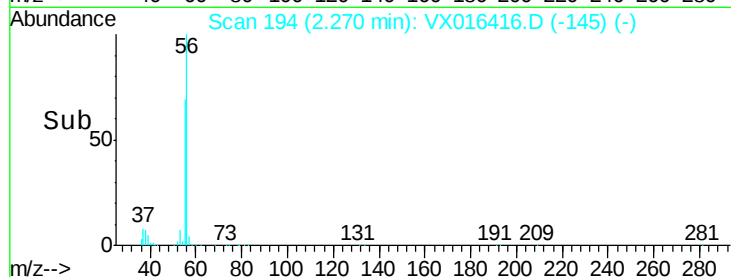
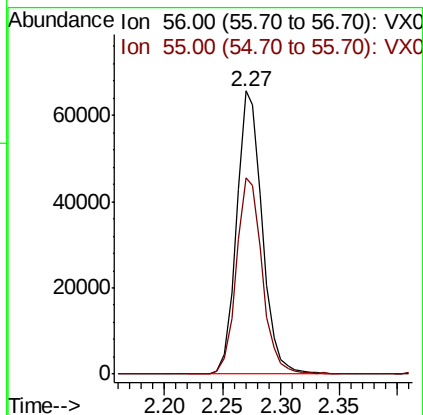
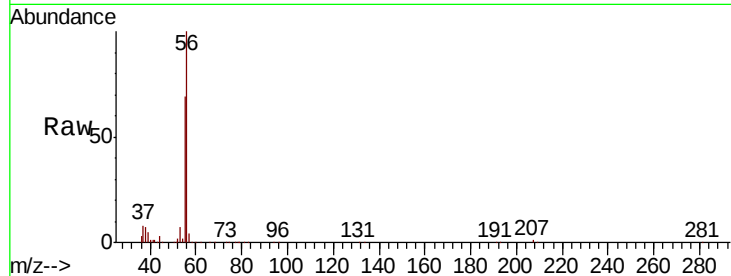
56 100

55 69.8 56.5 84.7

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#14

Allyl chloride

Concen: 42.072 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

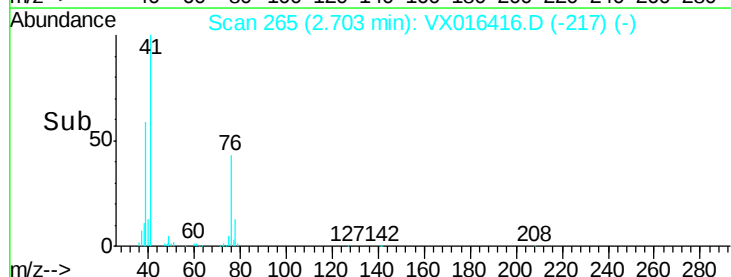
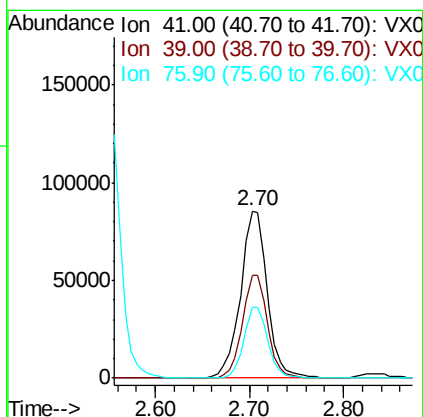
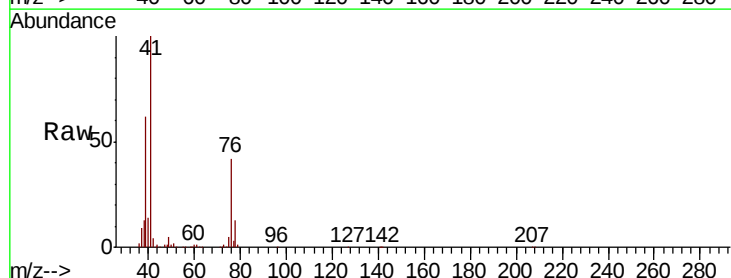
Tgt Ion: 41 Resp: 169656

Ion Ratio Lower Upper

41 100

39 58.0 50.5 75.7

76 37.9 26.6 40.0





#15

Acrylonitrile

Concen: 236.186 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

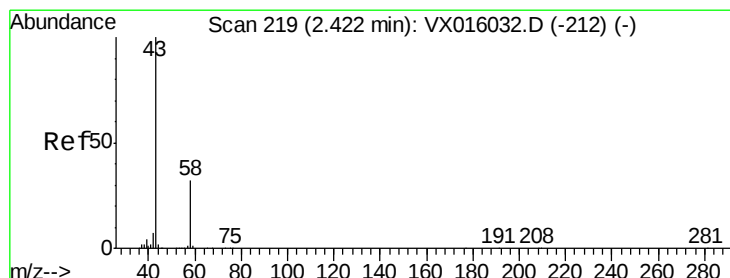
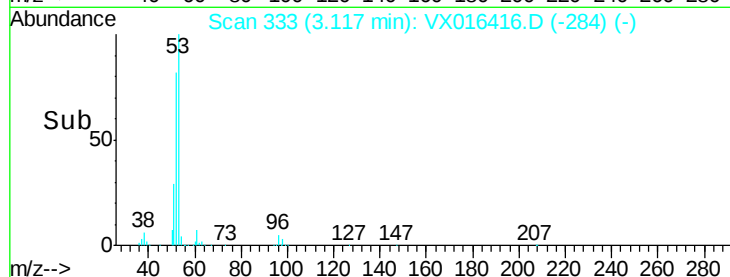
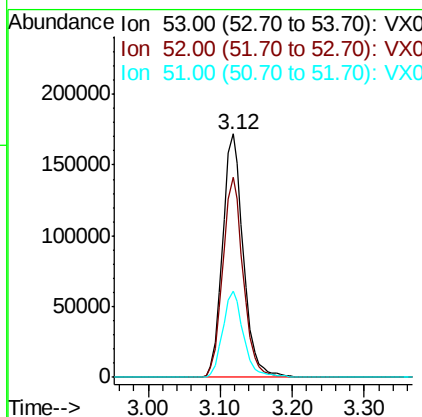
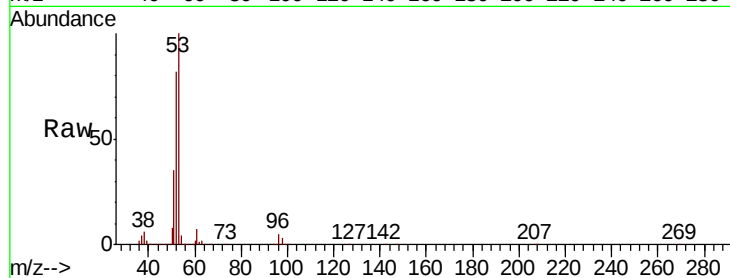
ClientSampleId :

SS042MW024-200521MS

Tot Ion:	53	Resp:	344941
Ion Ratio	Lower	Upper	
53	100		
52	81.2	66.1	99.1
51	35.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 212.523 ug/l

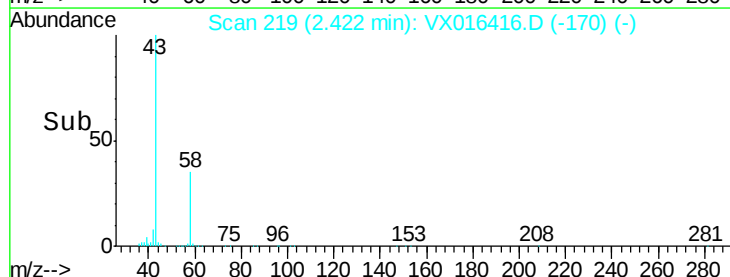
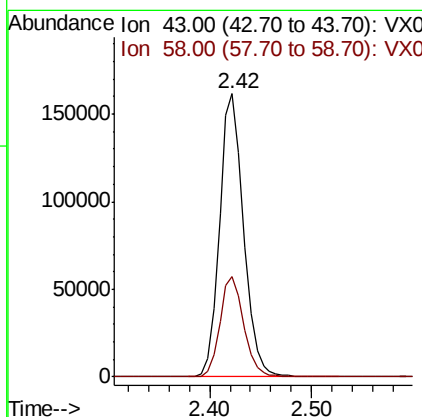
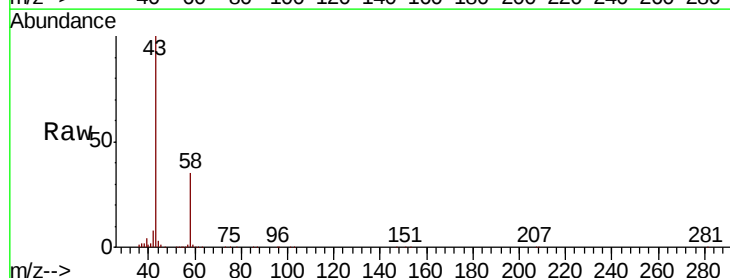
RT: 2.42 min Scan# 219

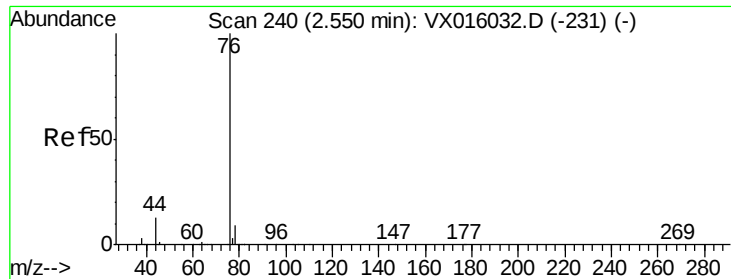
Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion:	43	Resp:	263997
Ion Ratio	Lower	Upper	
43	100		
58	35.4	25.4	38.0





#17

Carbon Disulfide

Concen: 43.201 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 76 Resp: 285505

Ion Ratio Lower Upper

76 100

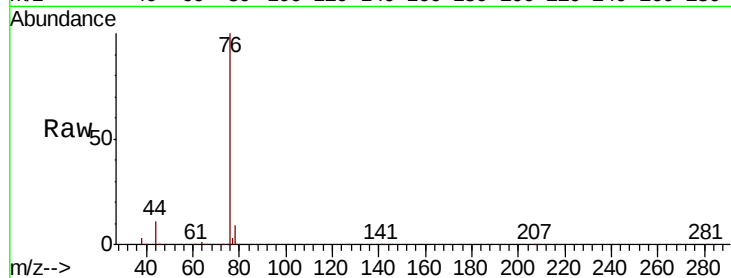
78 9.3 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

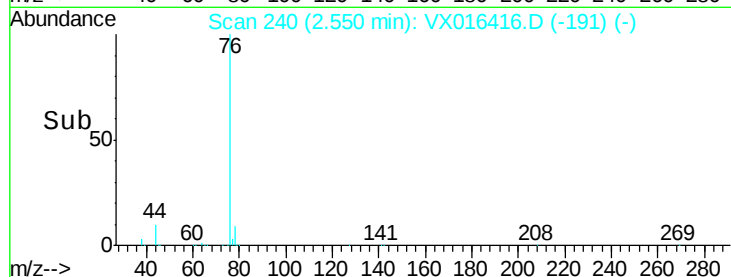
150000

100000

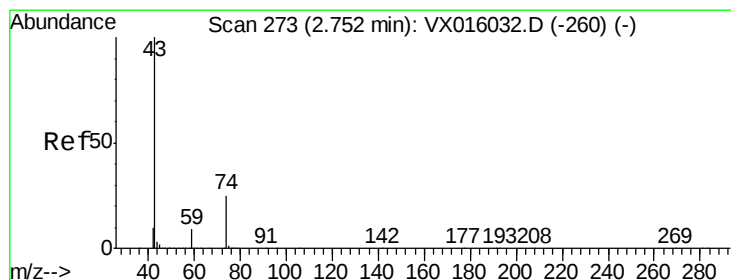
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 44.732 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016416.D

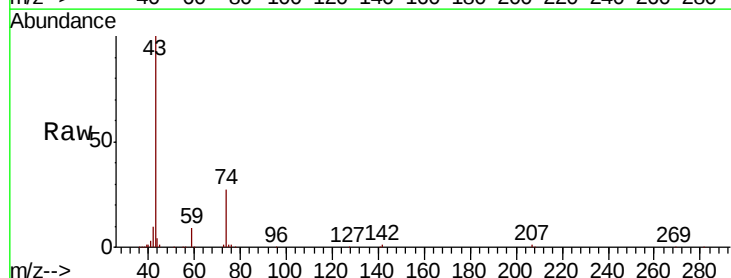
Acq: 22 May 2020 16:44

Tgt Ion: 43 Resp: 136625

Ion Ratio Lower Upper

43 100

74 27.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

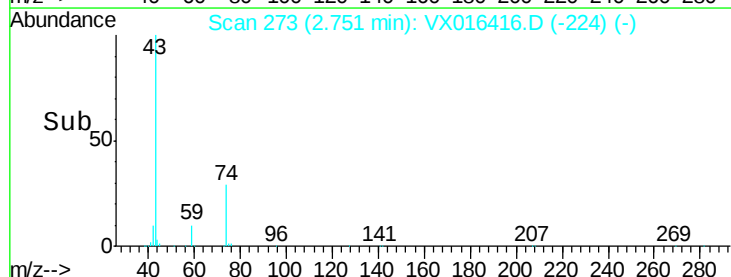
60000

40000

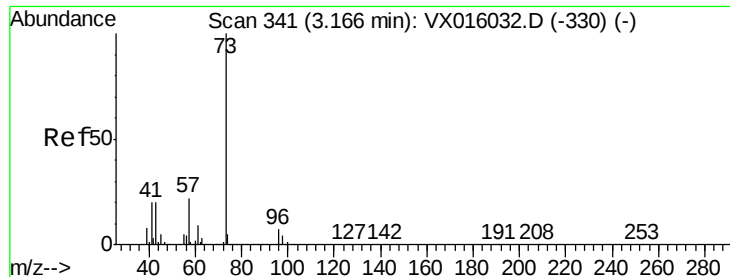
20000

0

Time-->



Time-->



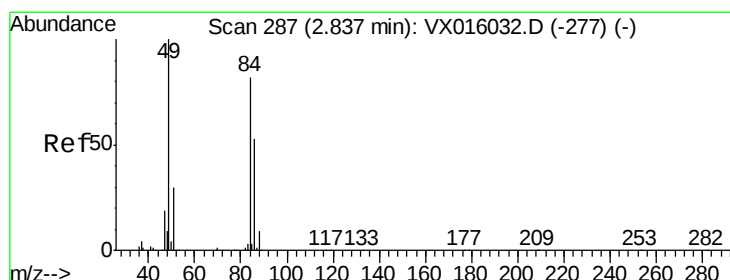
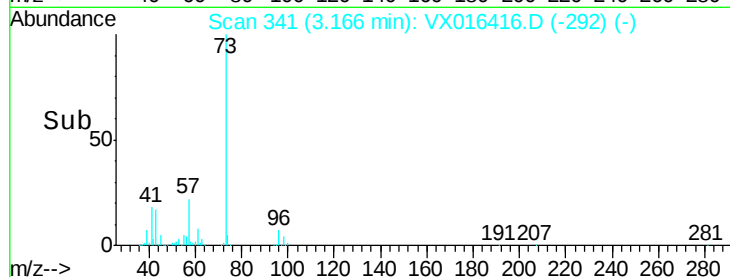
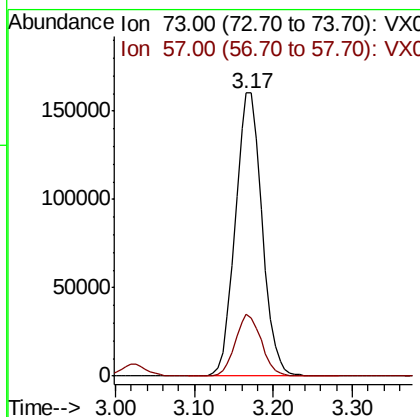
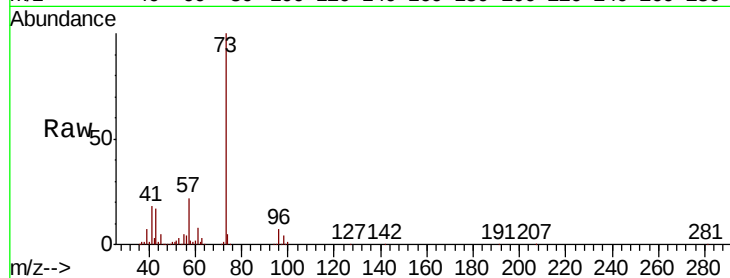
#19
Methyl tert-butyl Ether
Concen: 49.805 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.6

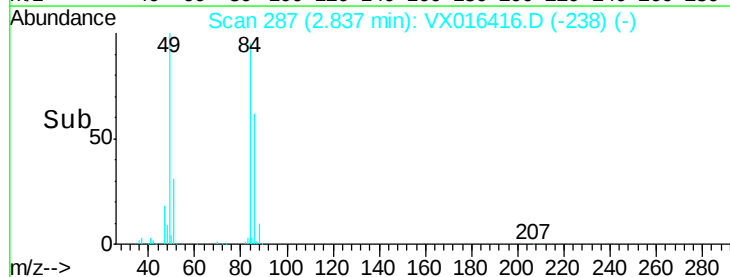
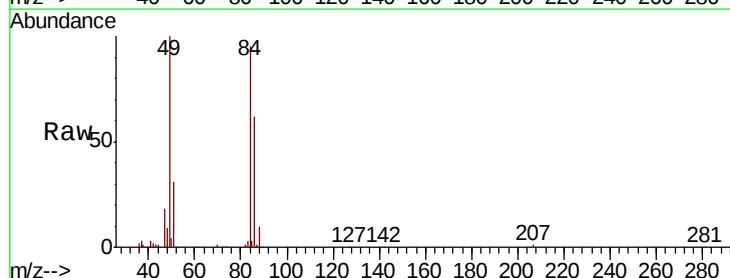
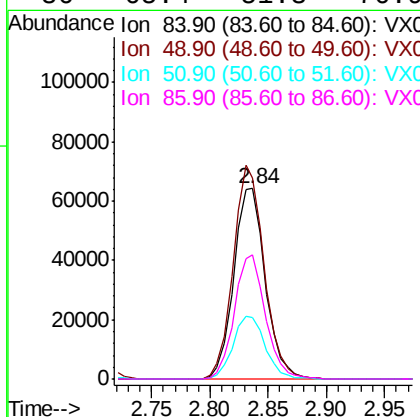
Manual Integrations
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#20
Methylene Chloride
Concen: 47.429 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.3	97.3	145.9
51	32.5	29.3	43.9
86	65.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.544 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 96 Resp: 118972

Ion Ratio Lower Upper

96 100

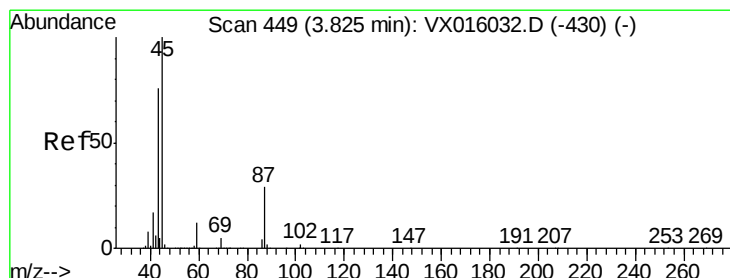
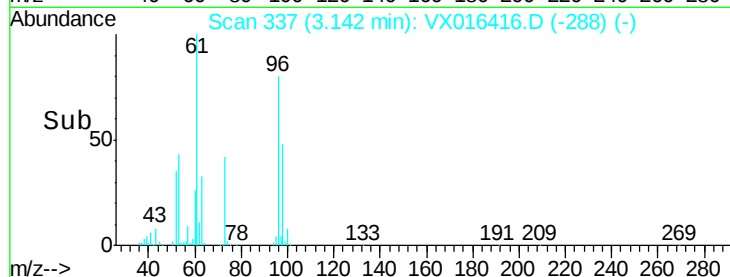
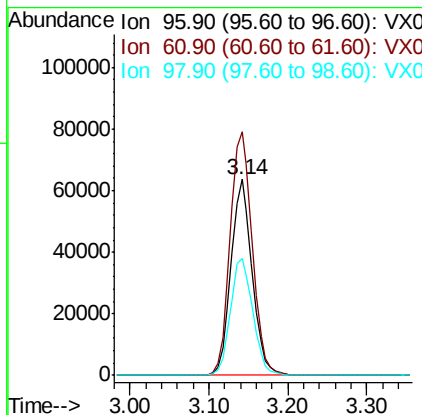
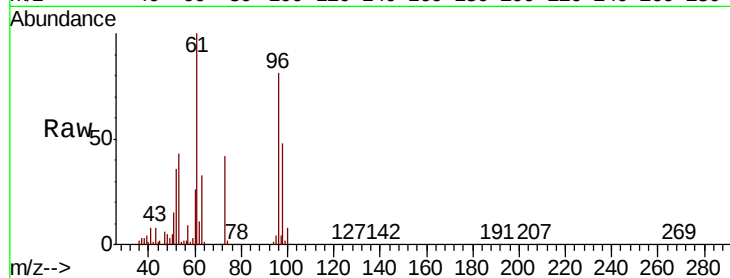
61 124.1 111.2 166.8

98 59.9 50.2 75.4

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#22

Diisopropyl ether

Concen: 45.518 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion: 45 Resp: 346277

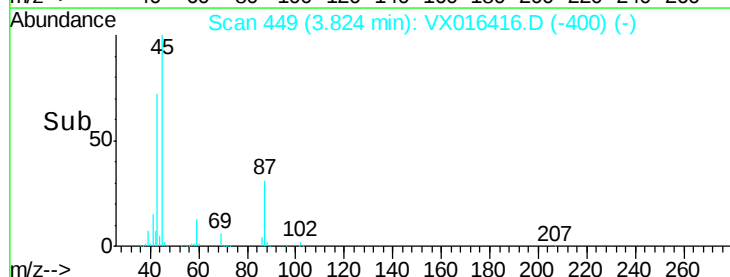
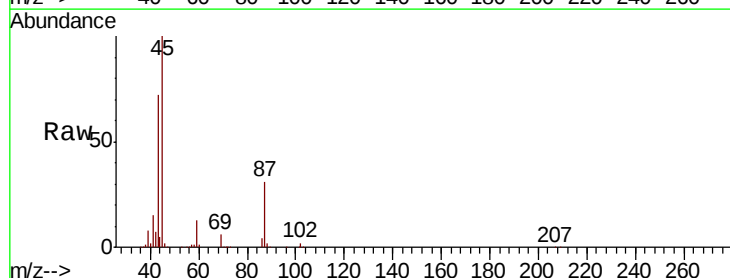
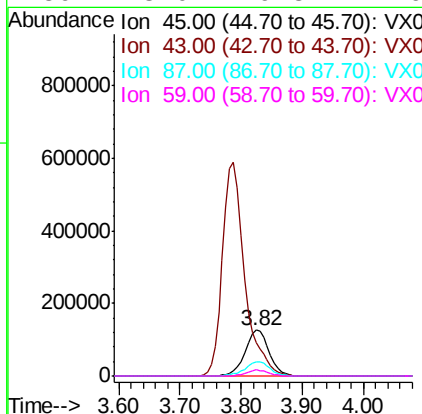
Ion Ratio Lower Upper

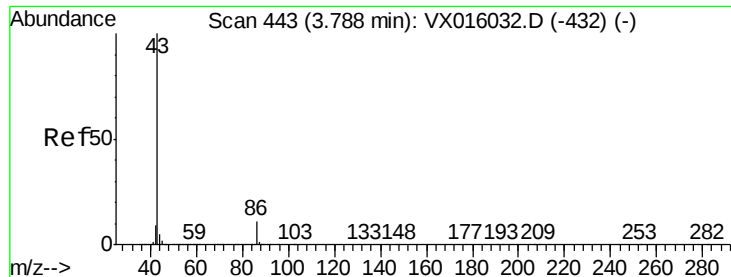
45 100

43 72.1 61.1 91.7

87 31.0 23.0 34.6

59 13.0 9.8 14.6





#23

Vinyl Acetate

Concen: 222.041 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 43 Resp: 1486115

Ion Ratio Lower Upper

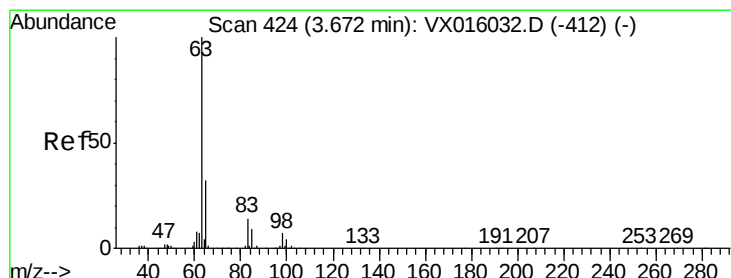
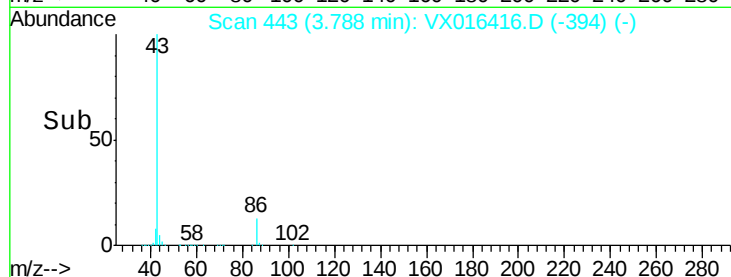
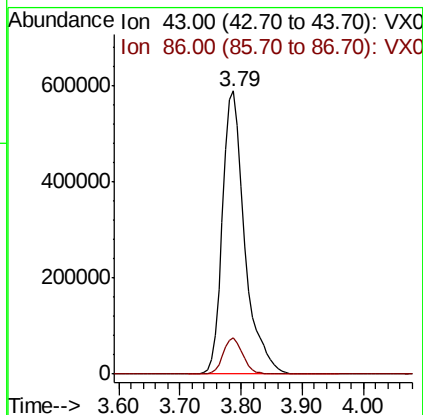
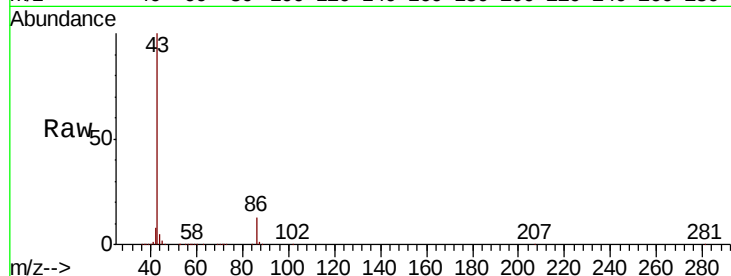
43 100

86 12.9 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 48.208 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

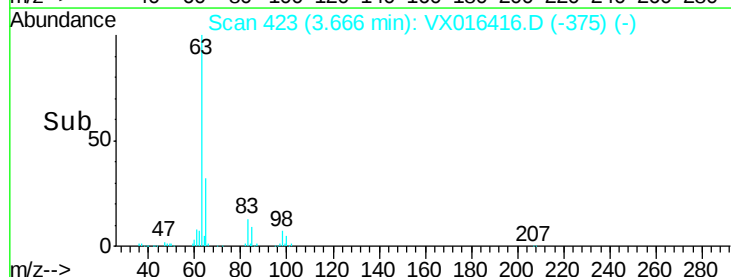
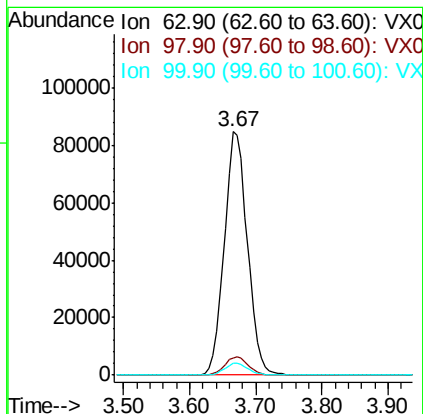
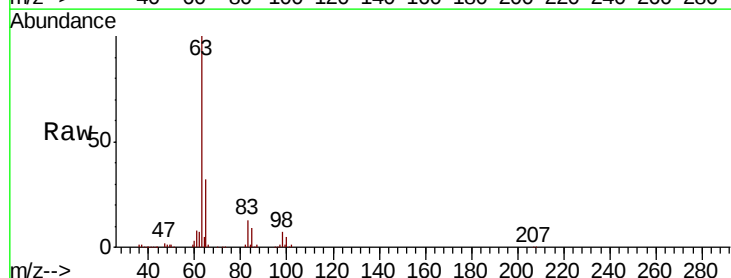
Tgt Ion: 63 Resp: 205155

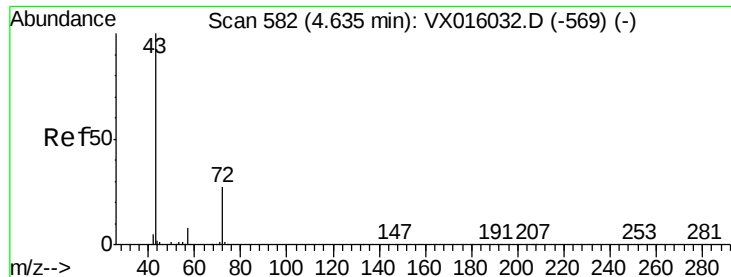
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 228.672 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 43 Resp: 457730

Ion Ratio Lower Upper

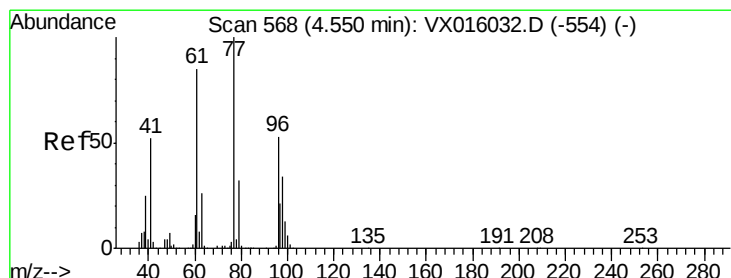
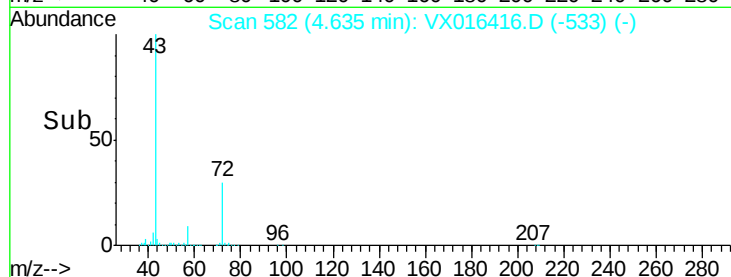
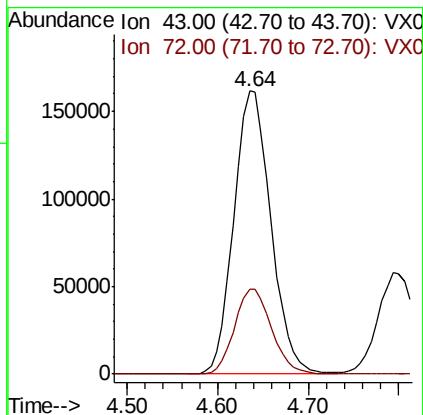
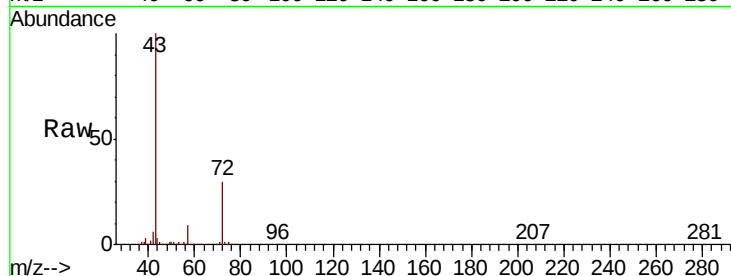
43 100

72 29.7 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 43.076 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016416.D

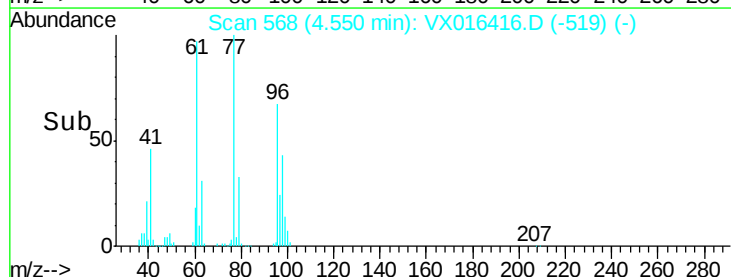
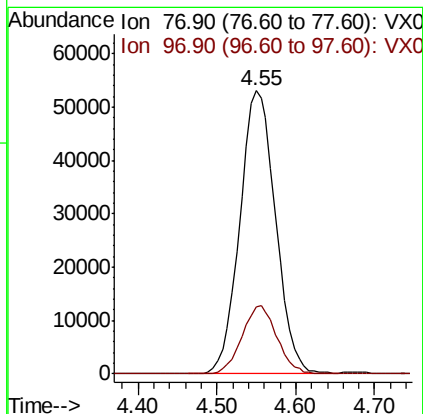
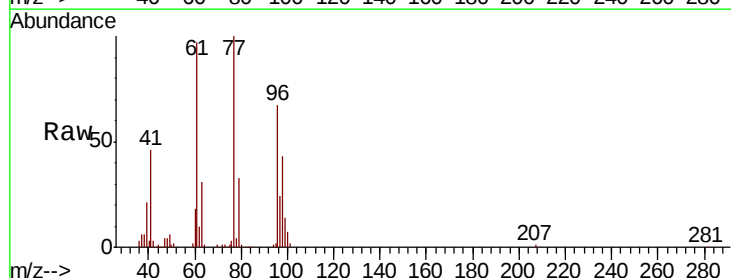
Acq: 22 May 2020 16:44

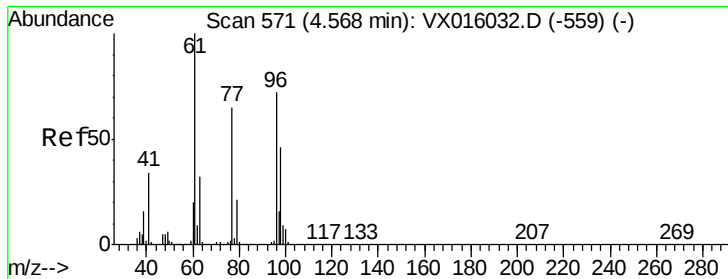
Tgt Ion: 77 Resp: 167412

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.6





#27

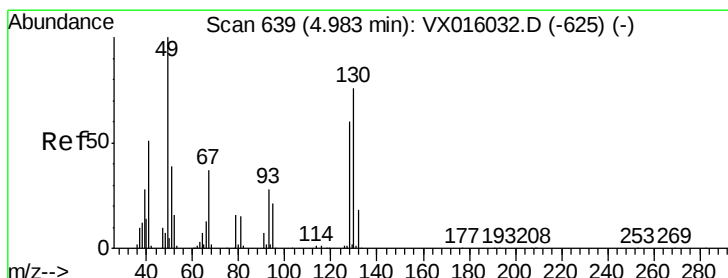
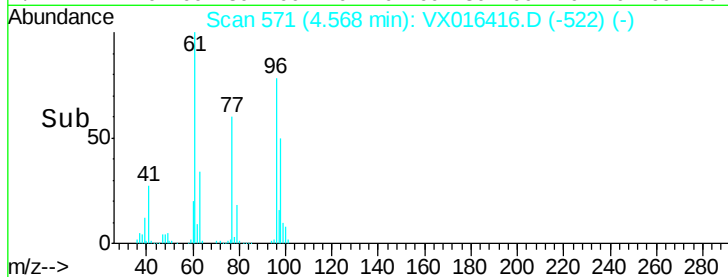
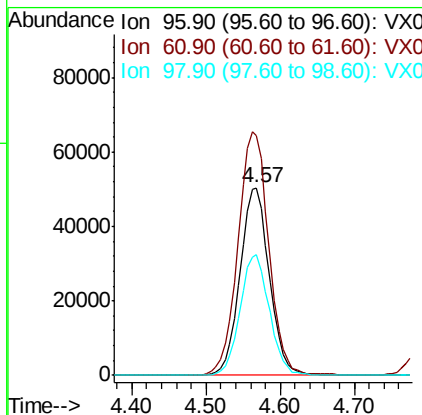
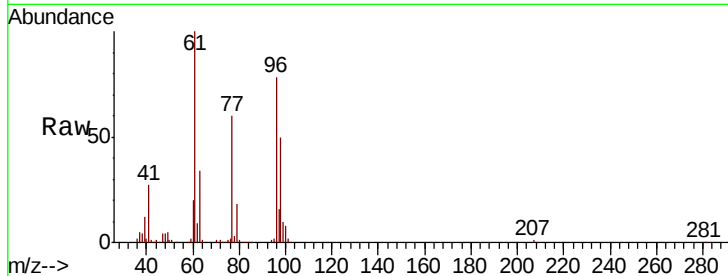
cis-1,2-Dichloroethene
Concen: 52.008 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139347		
61	135.6		0.0	296.2
98	64.2		0.0	129.4

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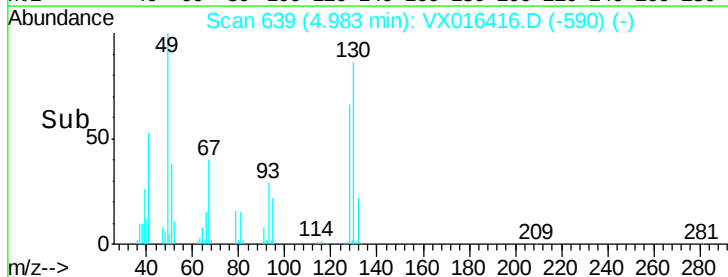
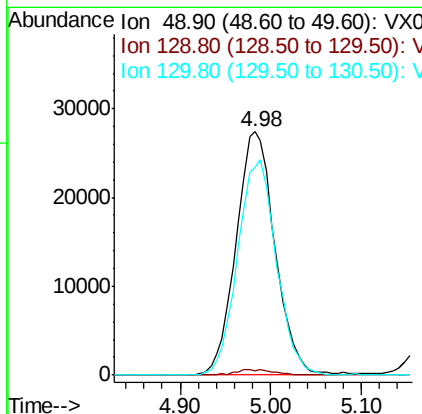
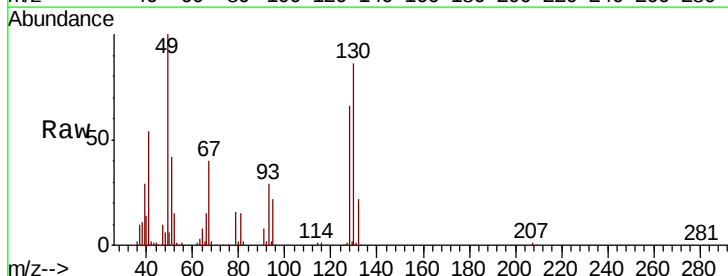
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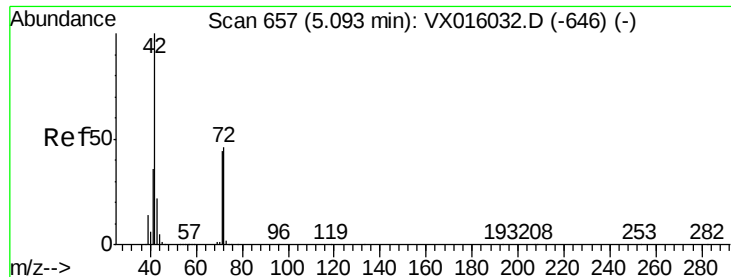


#28

Bromochloromethane
Concen: 41.959 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81421		
129	1.2		0.0	4.0
130	88.2		62.4	93.6





#29

Tetrahydrofuran

Concen: 227.044 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

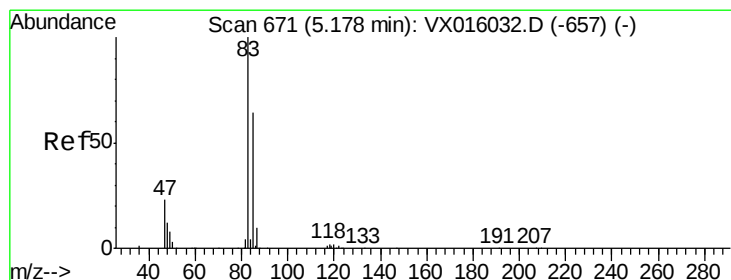
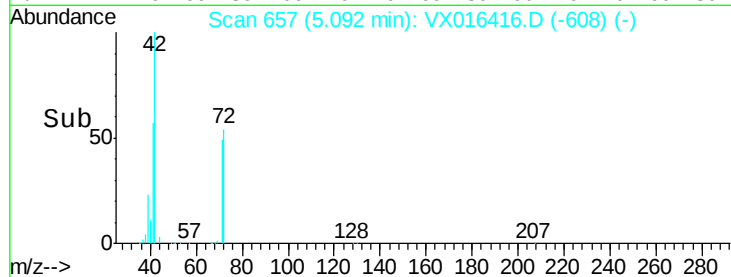
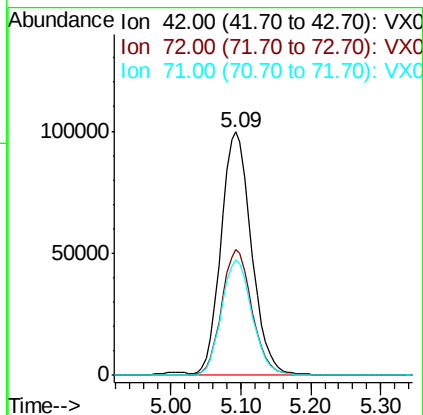
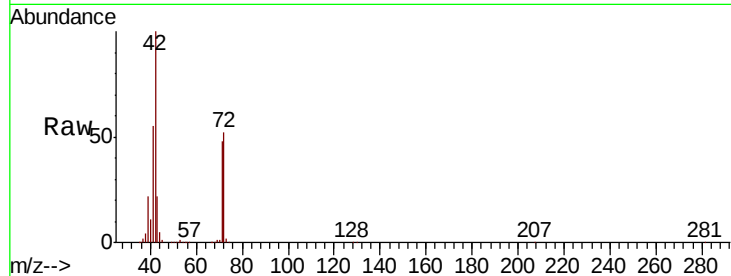
ClientSampleId :

SS042MW024-200521MS

Tot Ion:	42	Resp:	301134
Ion Ratio		Lower	Upper
42	100		
72	51.9	37.1	55.7
71	47.9	34.5	51.7

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#30

Chloroform

Concen: 50.133 ug/l

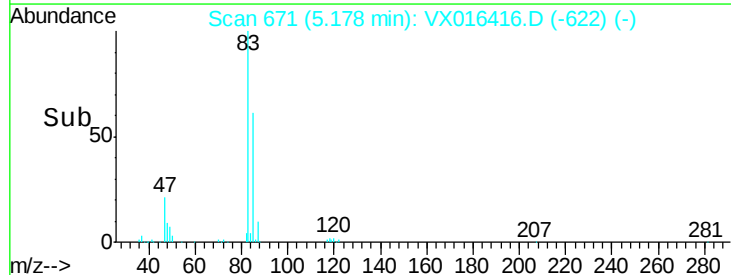
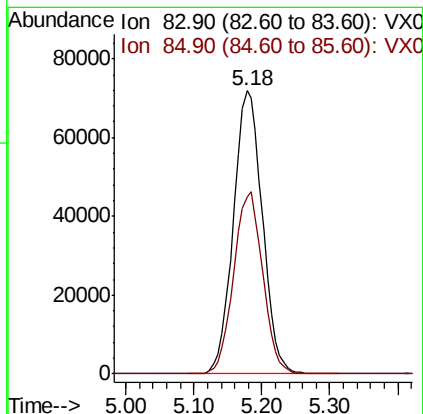
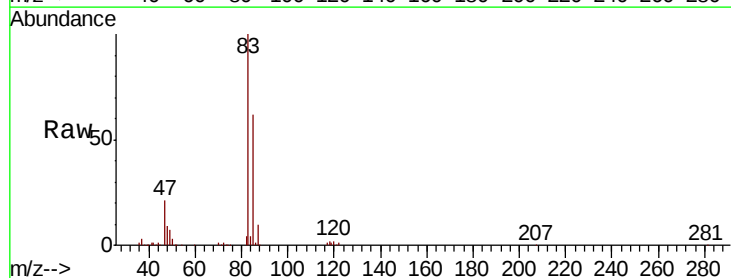
RT: 5.18 min Scan# 671

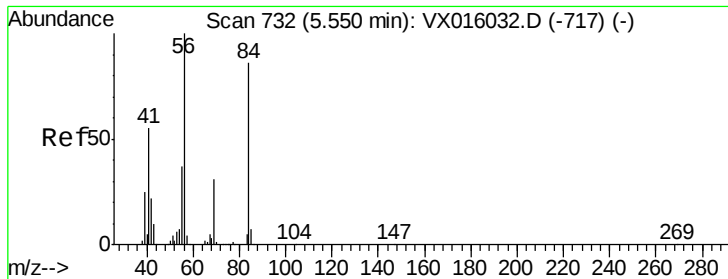
Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion:	83	Resp:	212422
Ion Ratio		Lower	Upper
83	100		
85	62.5	51.6	77.4





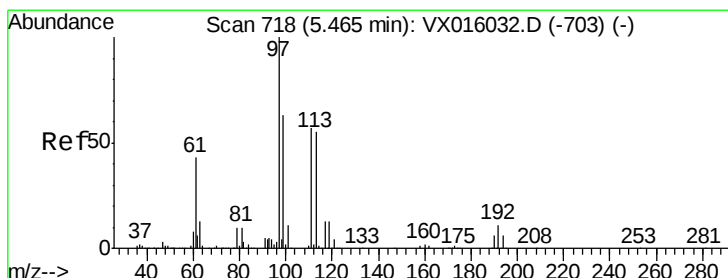
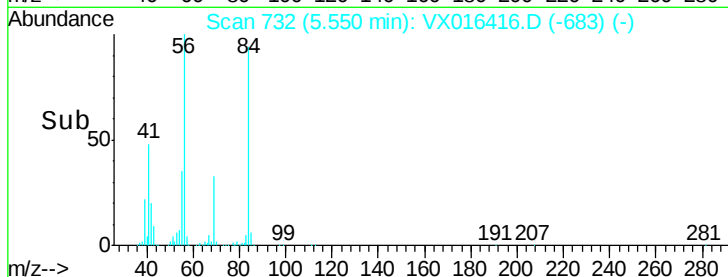
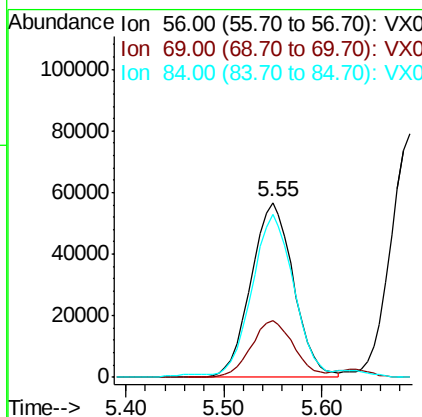
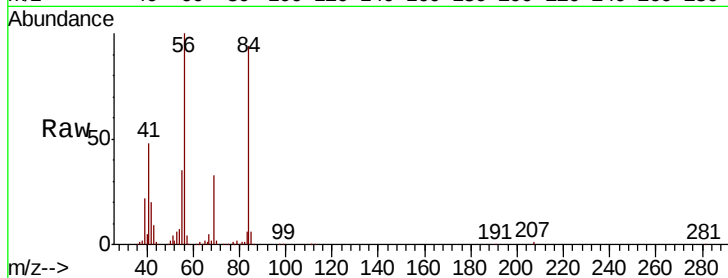
#31
Cyclohexane
Concen: 44.389 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.8	25.0	37.6	
84	92.0	69.0	103.6	

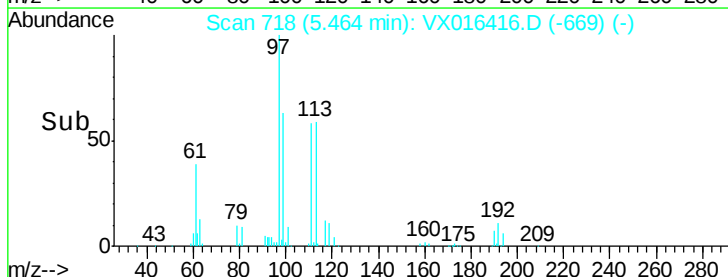
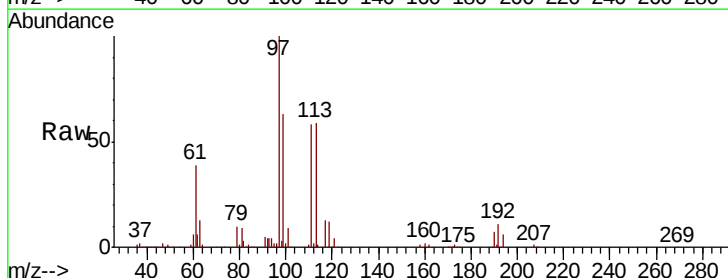
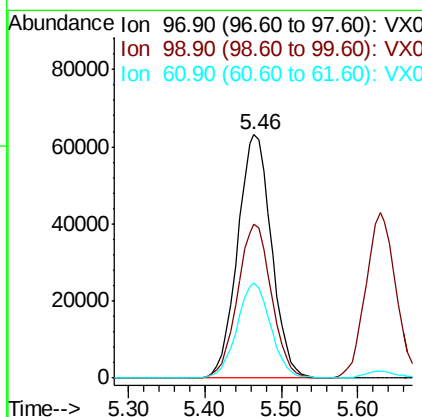
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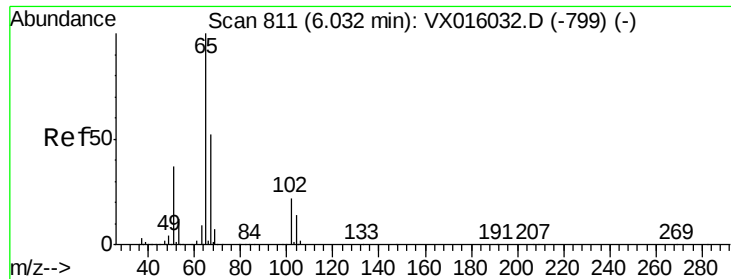
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#32
1,1,1-Trichloroethane
Concen: 50.390 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.2	51.0	76.4	
61	38.8	34.5	51.7	





#33

1,2-Dichloroethane-d4

Concen: 46.099 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 65 Resp: 128340

Ion Ratio Lower Upper

65 100

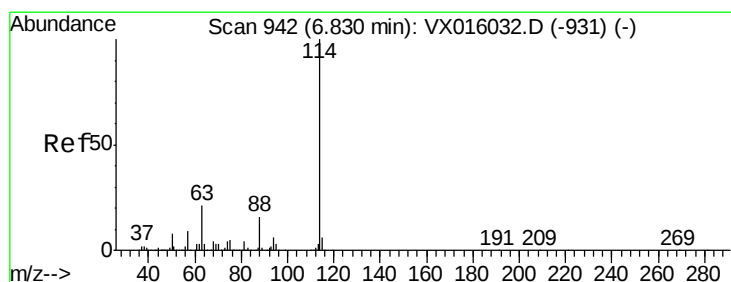
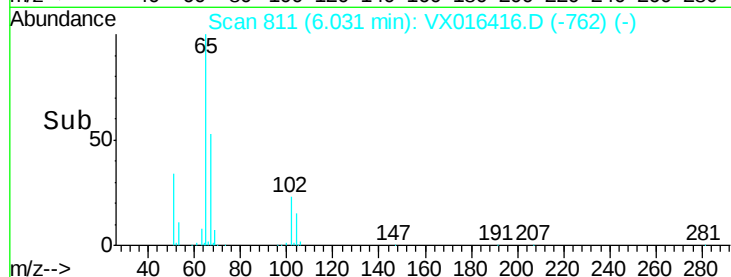
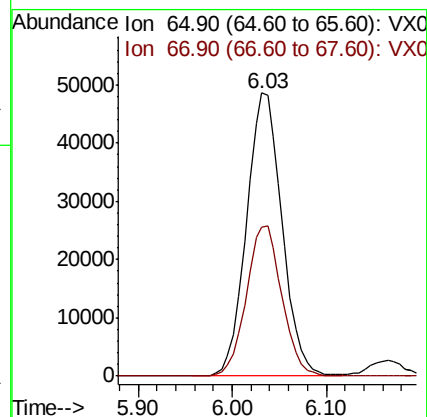
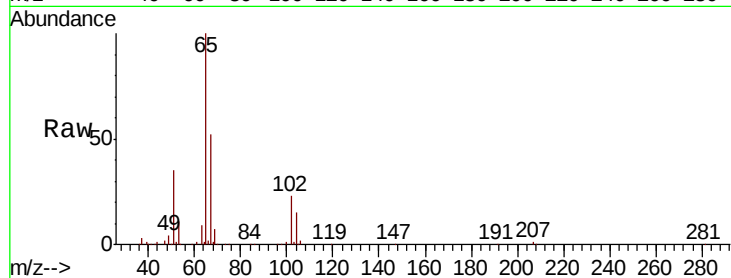
67 53.1 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

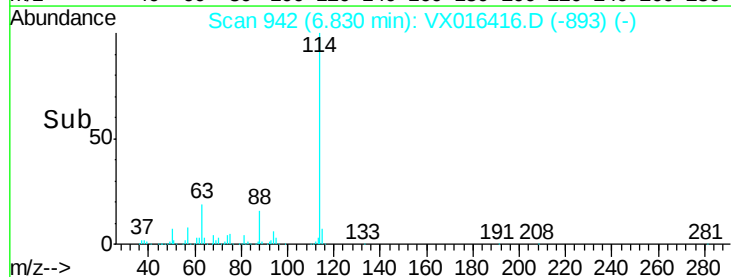
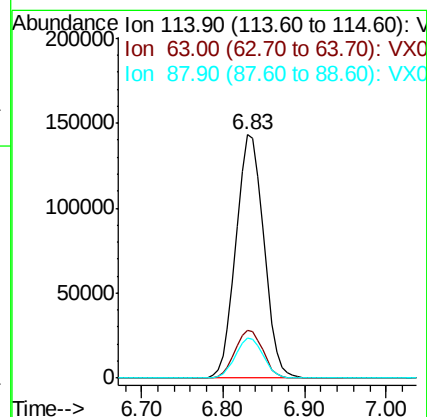
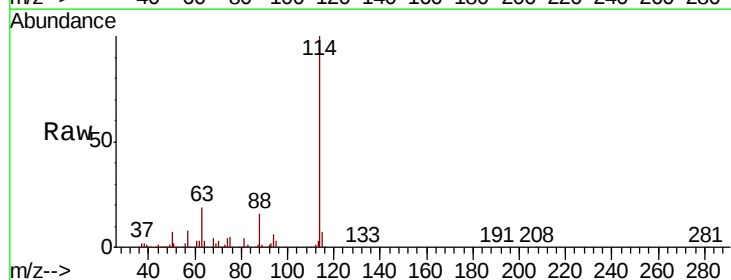
Tgt Ion: 114 Resp: 338047

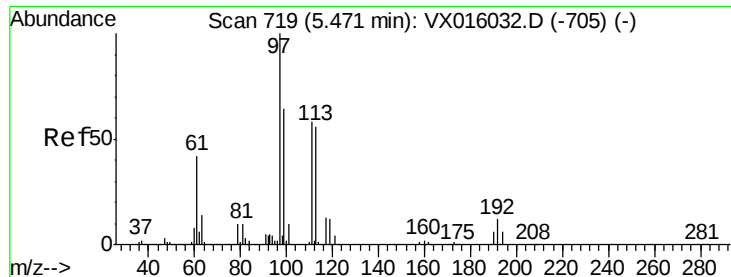
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.652 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

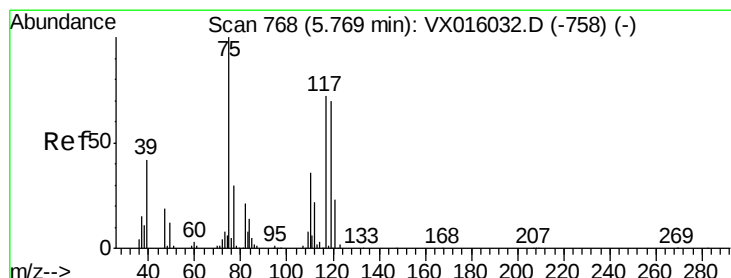
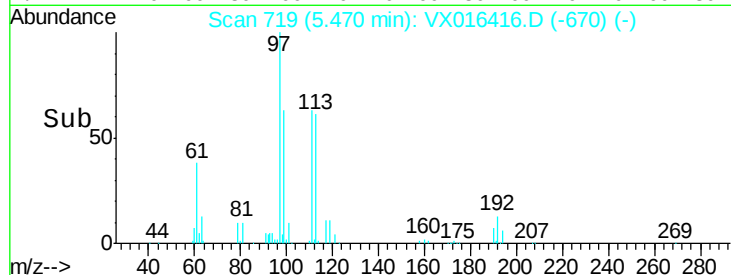
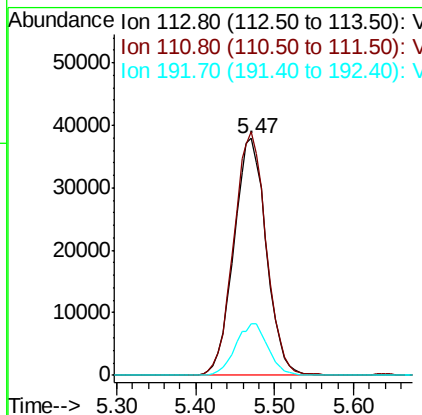
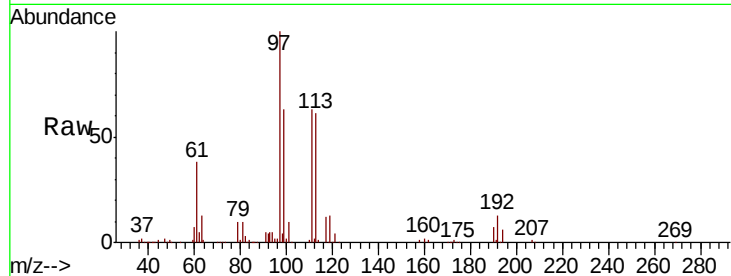
ClientSampleId :

SS042MW024-200521MS

Tot Ion:	113	Resp:	108479
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.6	122.4
192	21.8	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 46.927 ug/l

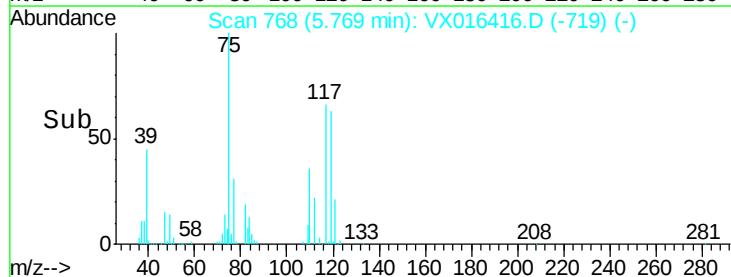
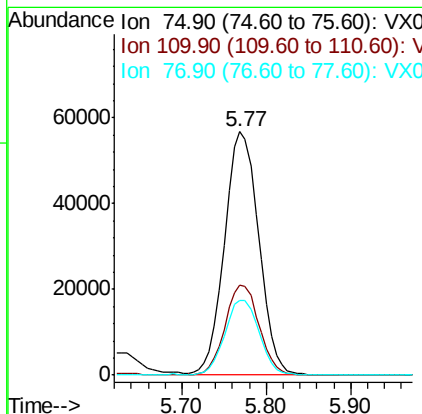
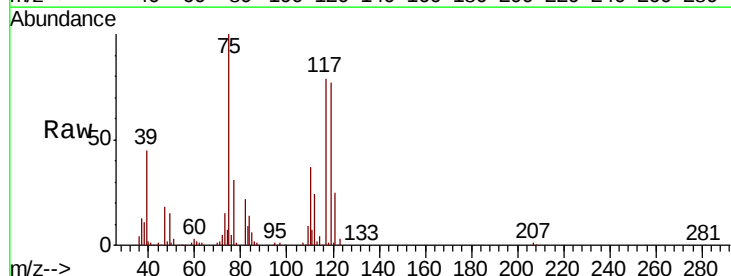
RT: 5.77 min Scan# 768

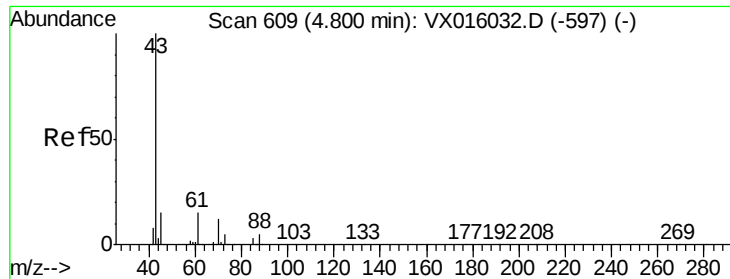
Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion:	75	Resp:	156153
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.1
77	31.1	25.0	37.6





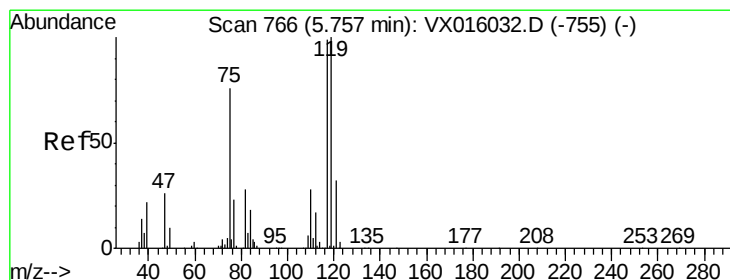
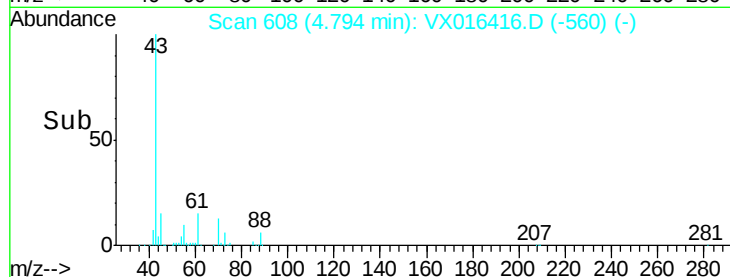
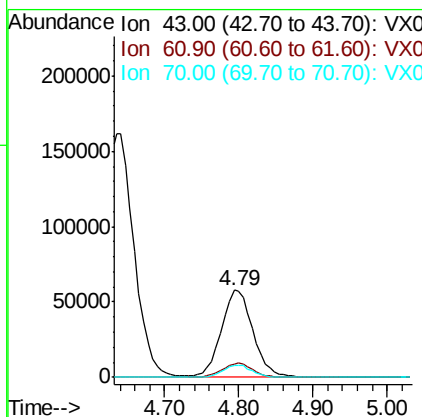
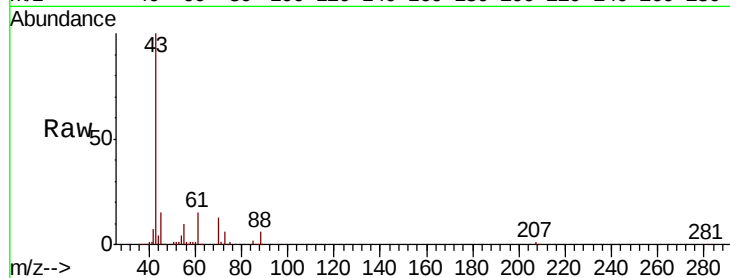
#37
Ethyl Acetate
Concen: 44.036 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.7	17.5
70	13.3	9.3	13.9

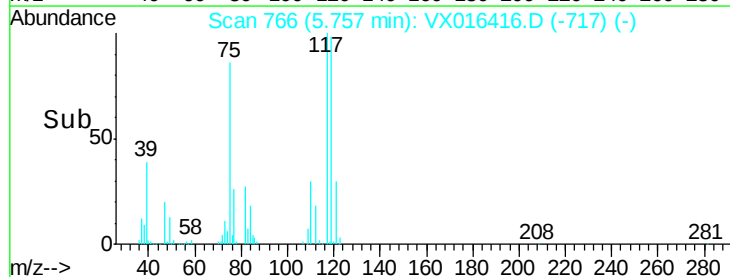
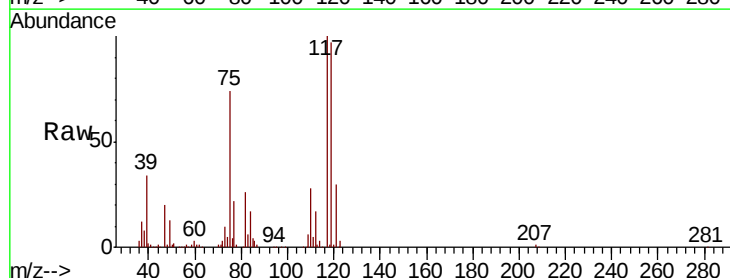
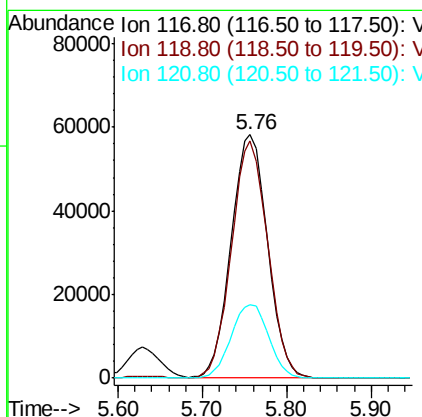
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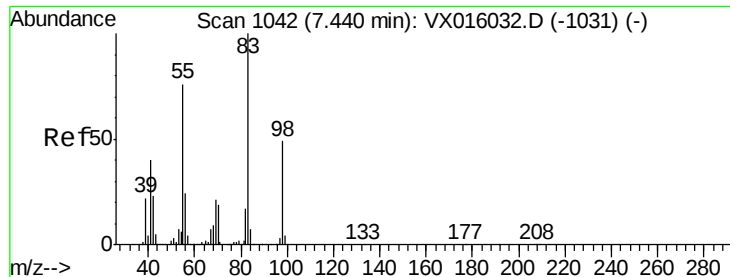
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#38
Carbon Tetrachloride
Concen: 50.432 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	80.3	120.5
121	30.2	25.7	38.5





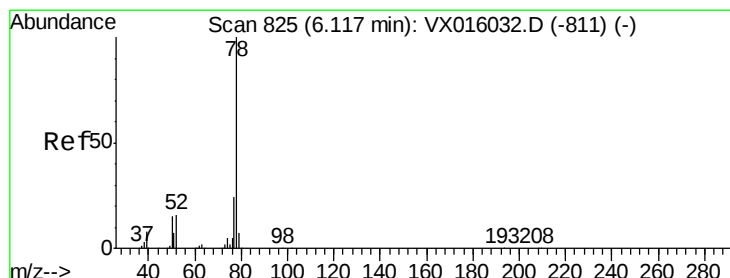
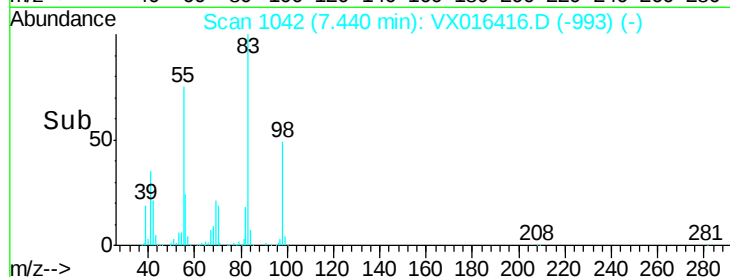
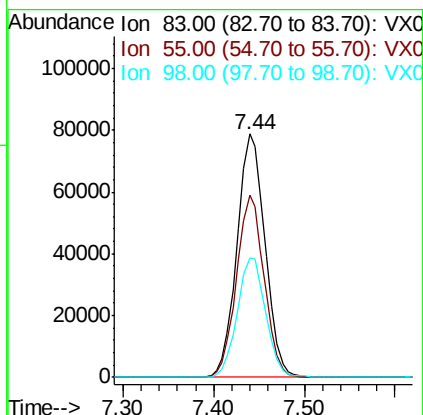
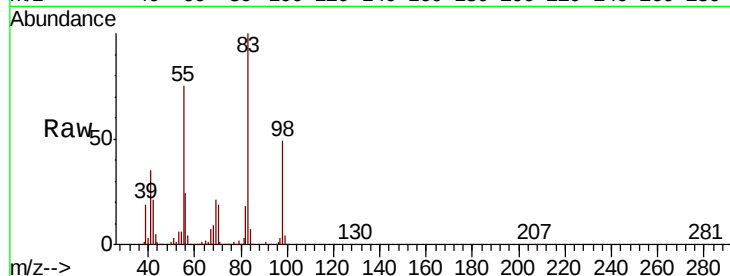
#39
Methvlcvclohexane
Concen: 42.191 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.1	91.7
98	48.9	39.0	58.4

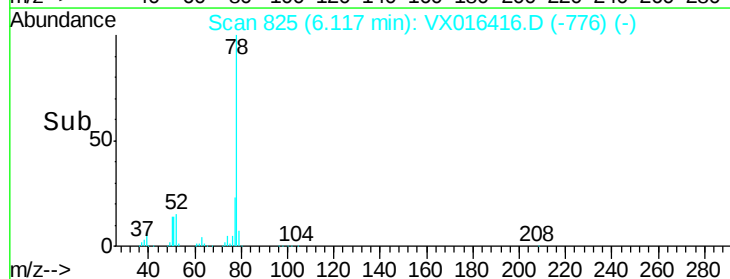
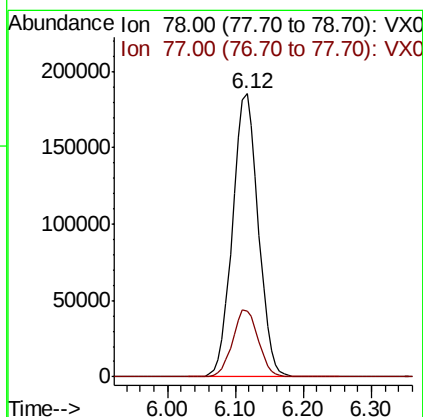
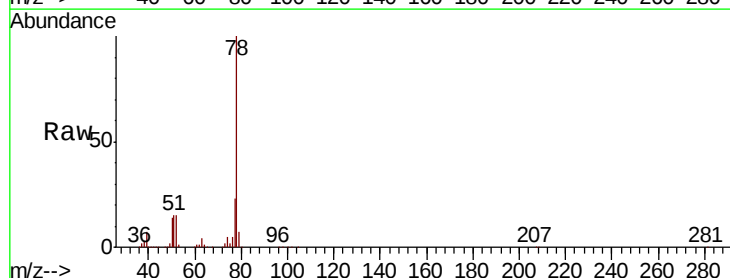
Manual Integrations
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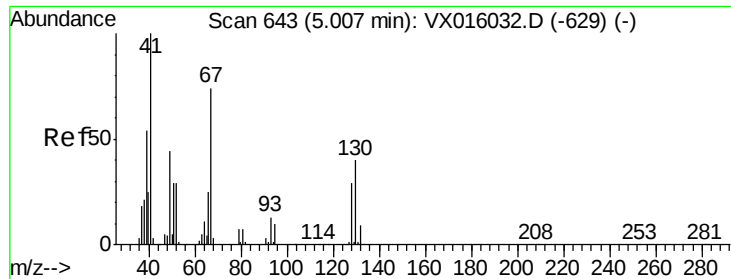
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#40
Benzene
Concen: 49.951 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





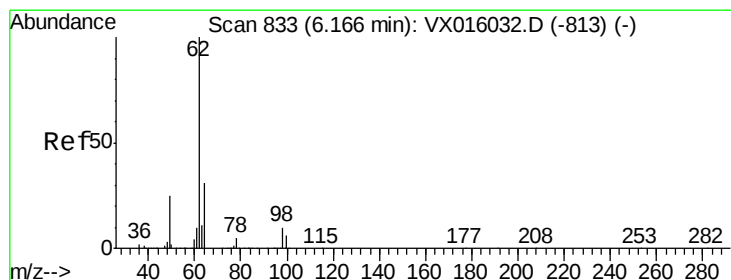
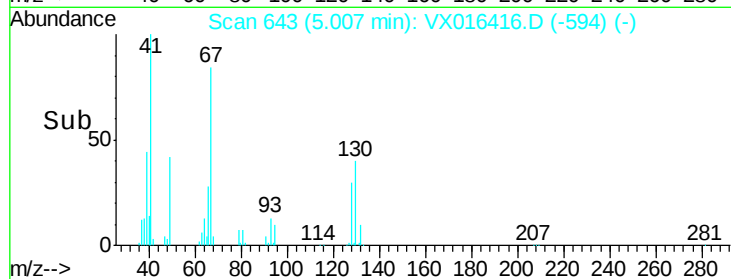
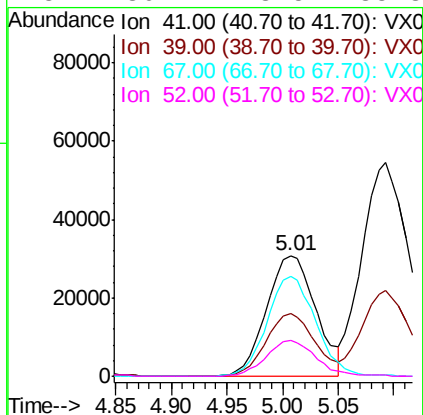
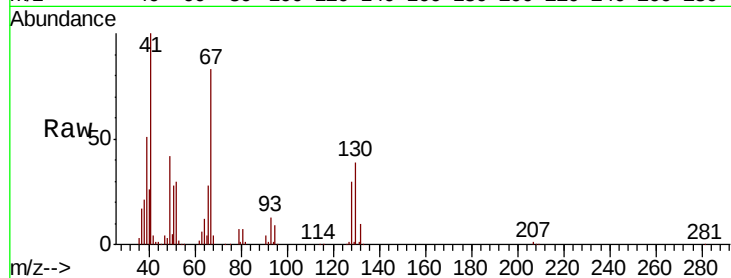
#41
Methacrylonitrile
Concen: 45.655 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.5	43.2	64.8	
67	81.8	59.3	88.9	
52	30.2	23.5	35.3	

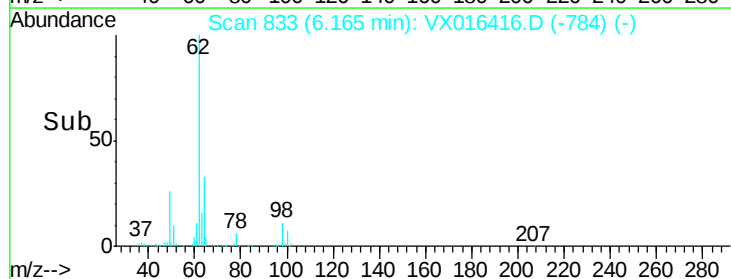
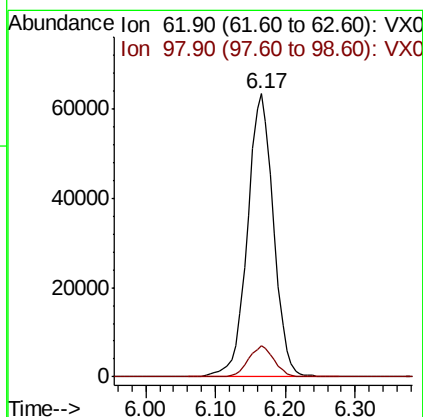
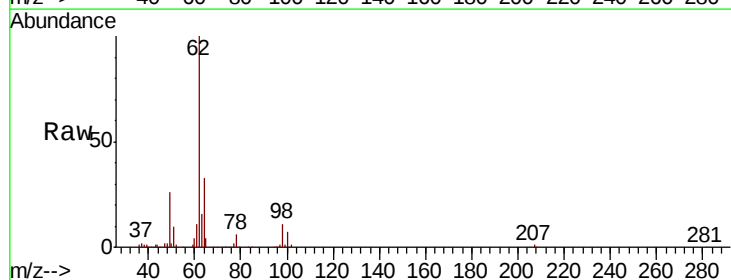
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 46.677 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

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





#43

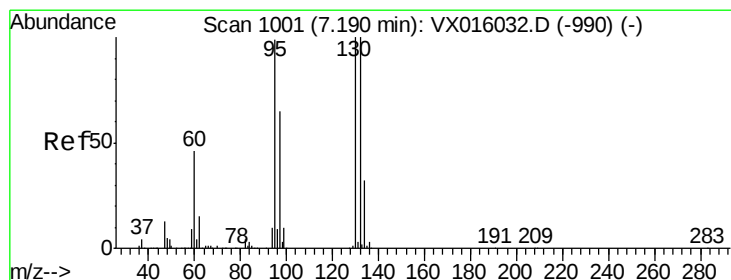
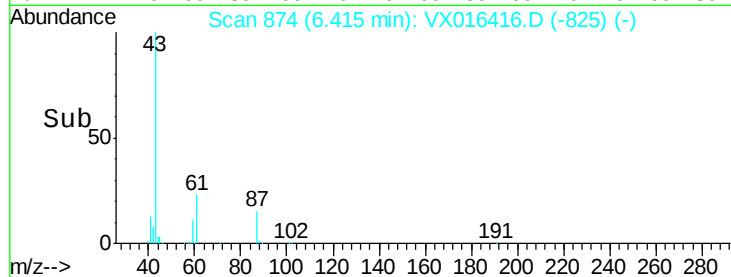
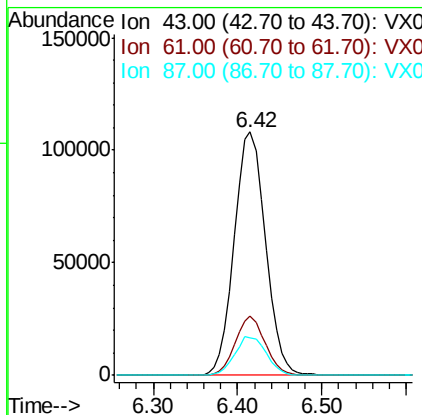
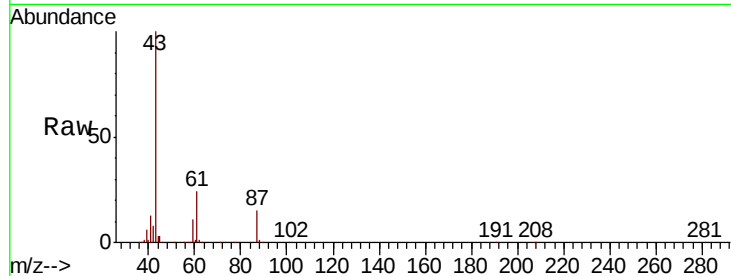
Isopropyl Acetate
 Concen: 43.927 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.2	17.0	25.4
87	16.1	11.0	16.6

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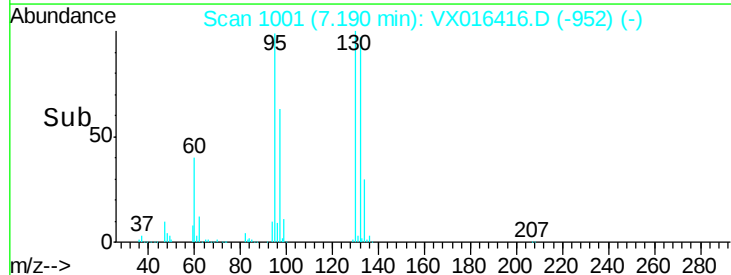
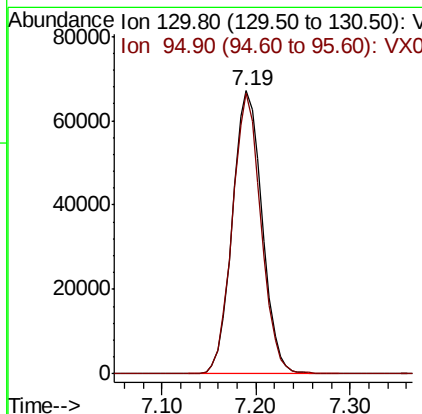
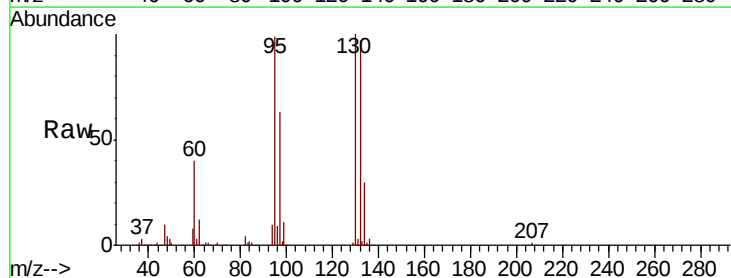
MMDadoda
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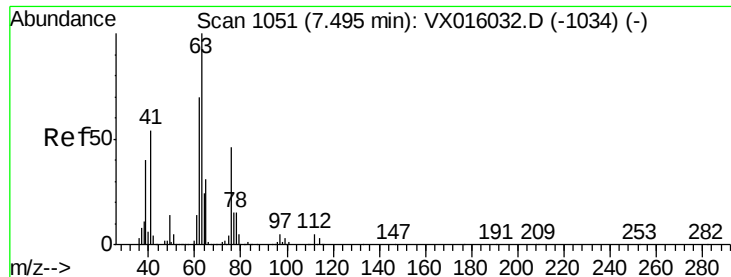


#44

Trichloroethene
 Concen: 42.447 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.546 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 63 Resp: 122063

Ion Ratio Lower Upper

63 100

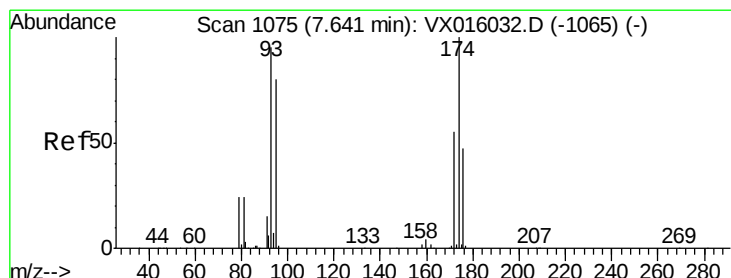
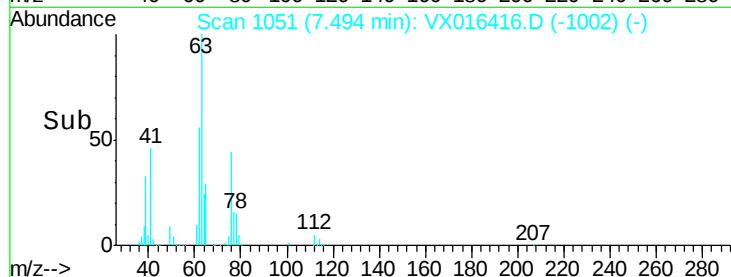
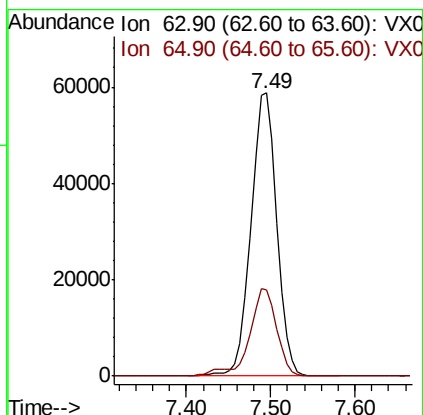
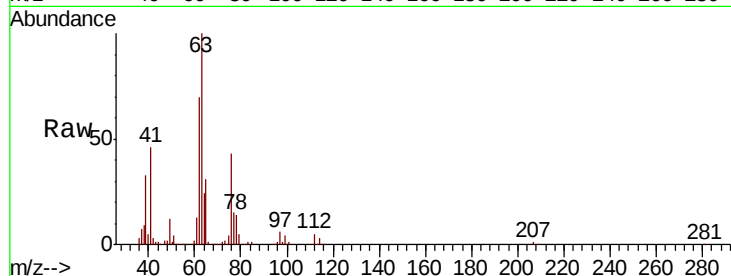
65 30.7 24.4 36.6

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#46

Dibromomethane

Concen: 49.994 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

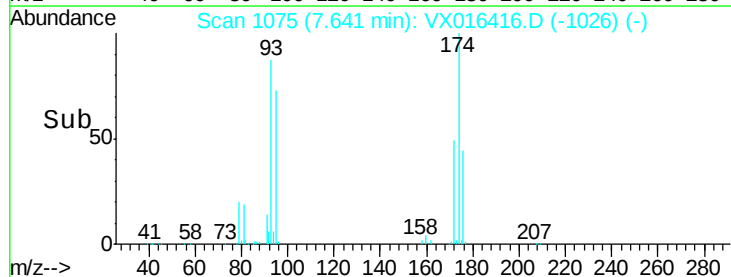
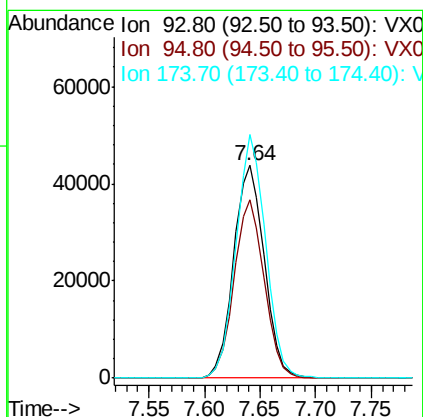
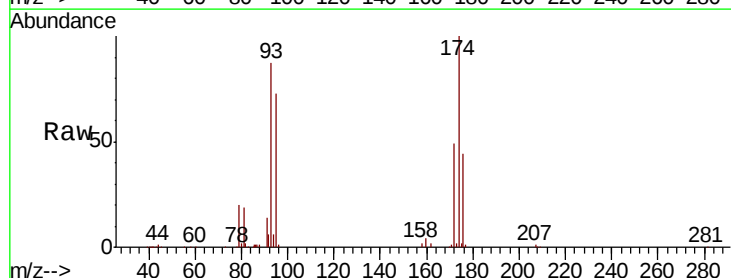
Tgt Ion: 93 Resp: 83701

Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 110.4 84.2 126.4





#47

Bromodichloromethane

Concen: 50.200 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

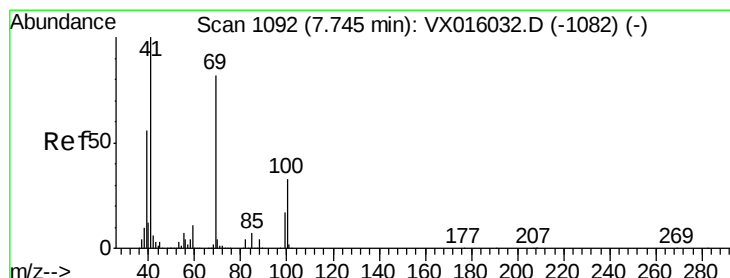
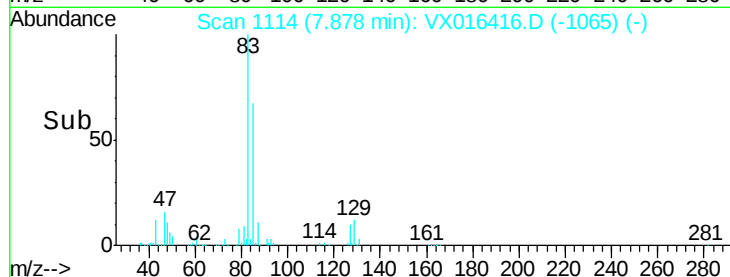
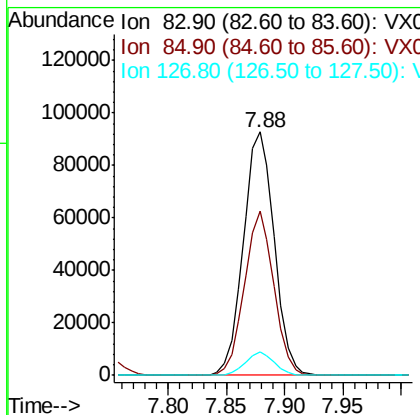
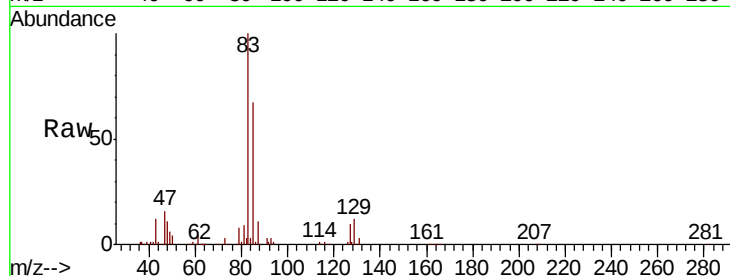
ClientSampleId :

SS042MW024-200521MS

Tot Ion:	83	Resp:	171171
Ion Ratio	Lower	Upper	
83	100		
85	67.2	50.5	75.7
127	9.6	6.7	10.1

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#48

Methyl methacrylate

Concen: 44.264 ug/l

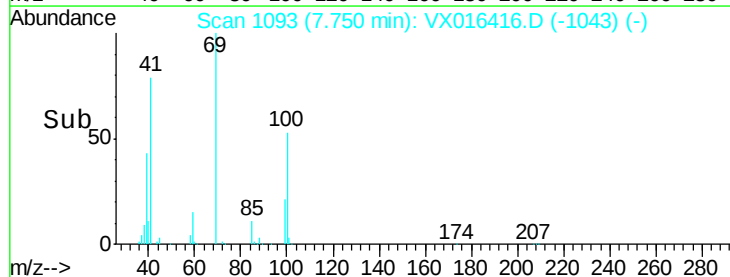
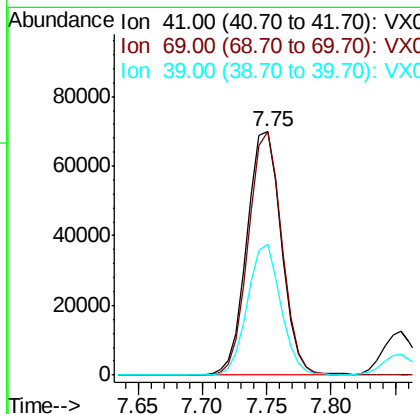
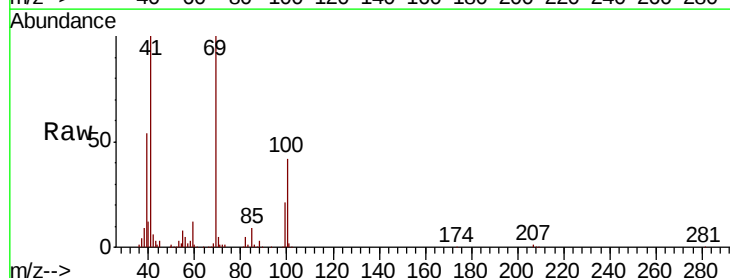
RT: 7.75 min Scan# 1093

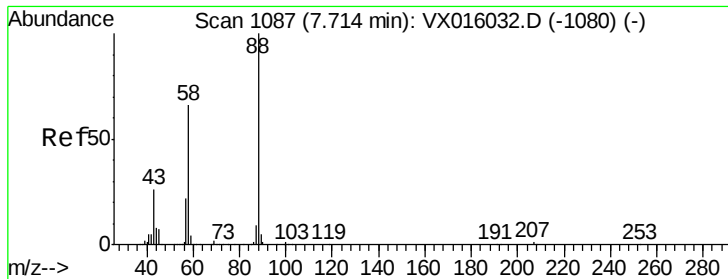
Delta R.T. 0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion:	41	Resp:	129069
Ion Ratio	Lower	Upper	
41	100		
69	96.9	67.8	101.6
39	52.2	44.6	67.0





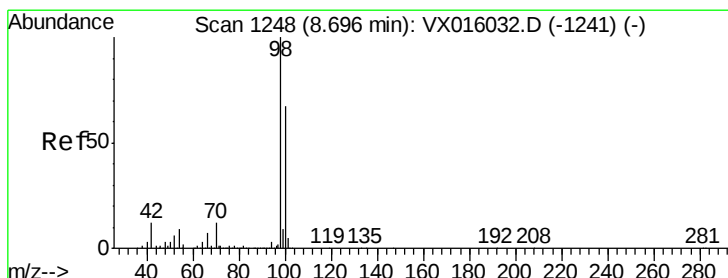
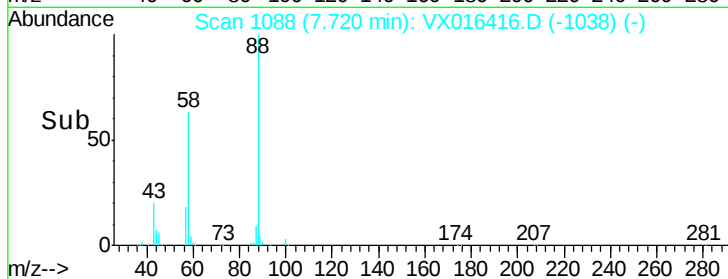
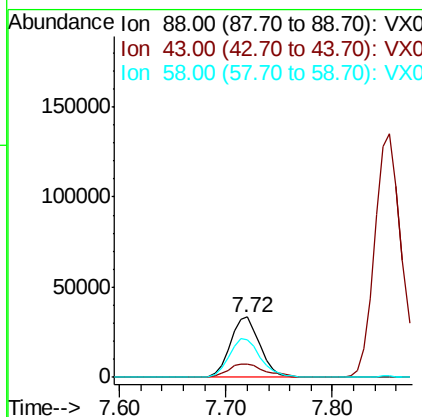
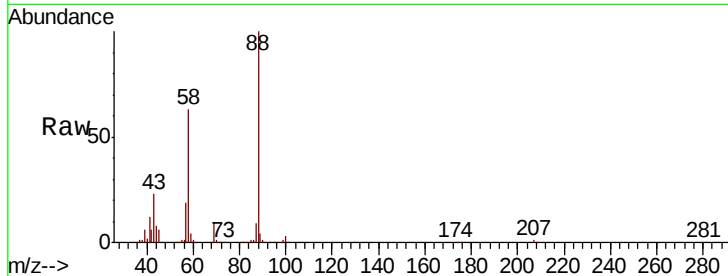
#49
1,4-Dioxane
Concen: 925.106 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	25.3	37.9
58	68.4	55.9	83.9

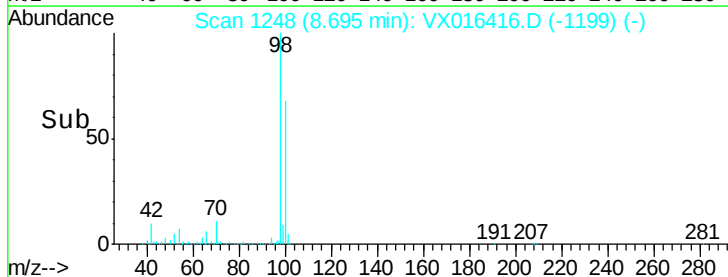
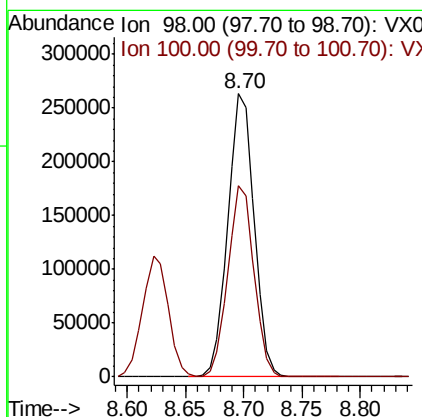
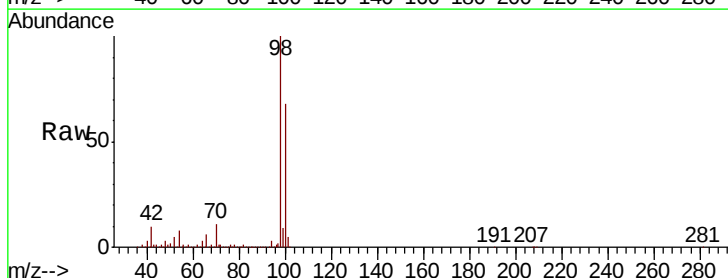
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#50
Toluene-d8
Concen: 50.230 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 234.523 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 43 Resp: 883133

Ion Ratio Lower Upper

43 100

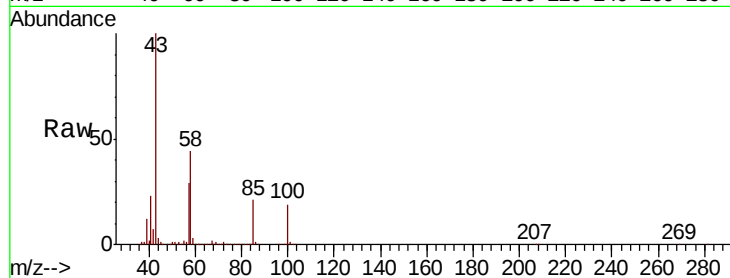
58 44.2 33.0 49.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

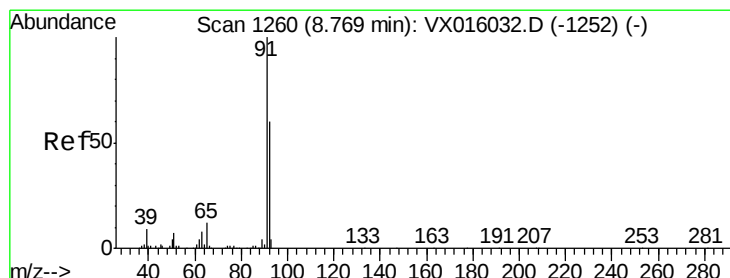
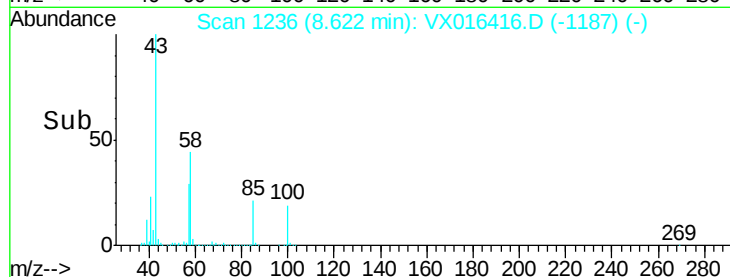
400000

200000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 51.347 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016416.D

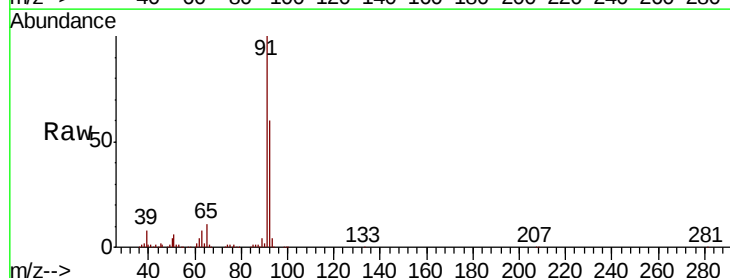
Acq: 22 May 2020 16:44

Tgt Ion: 92 Resp: 311618

Ion Ratio Lower Upper

92 100

91 167.6 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

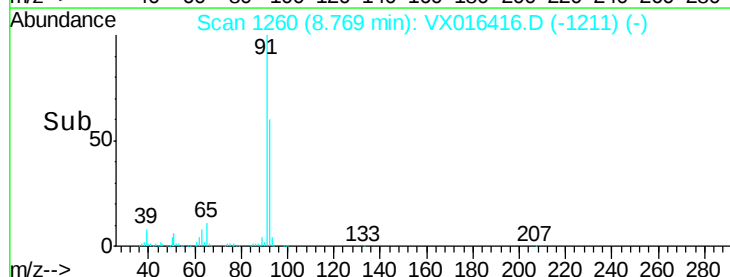
200000

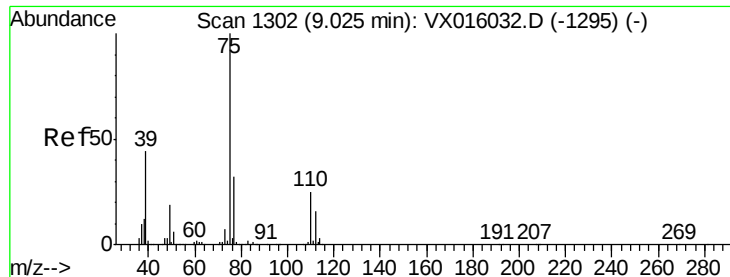
100000

0

8.70 8.75 8.80 8.85 8.90

Time-->





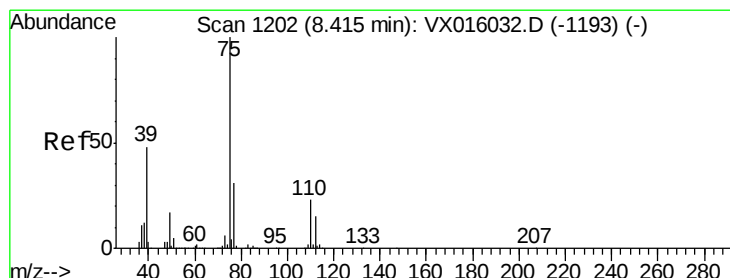
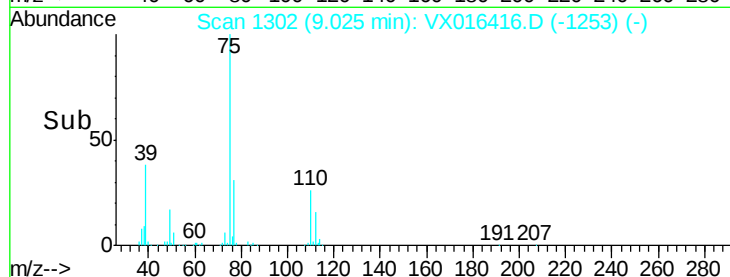
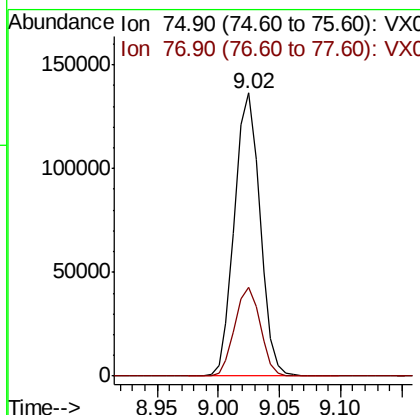
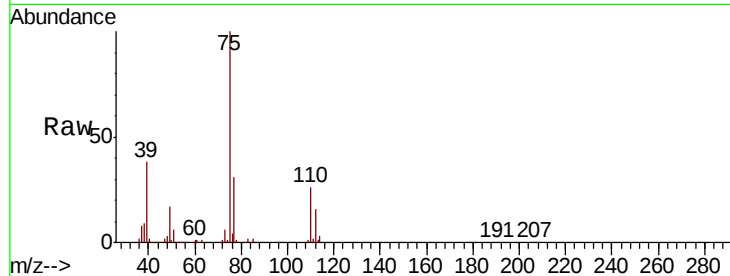
#53
t-1,3-Dichloropropene
Concen: 48.473 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5

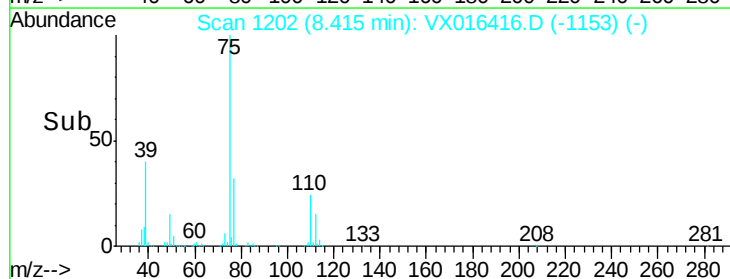
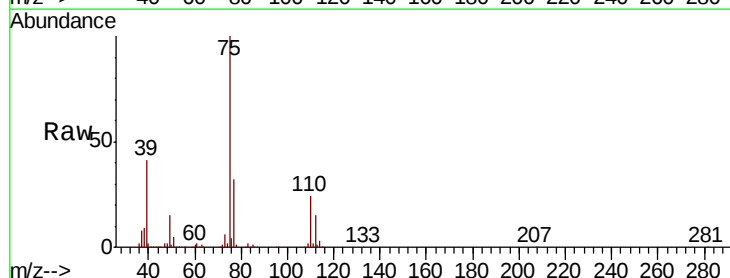
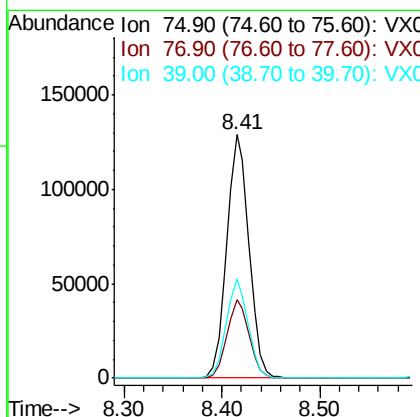
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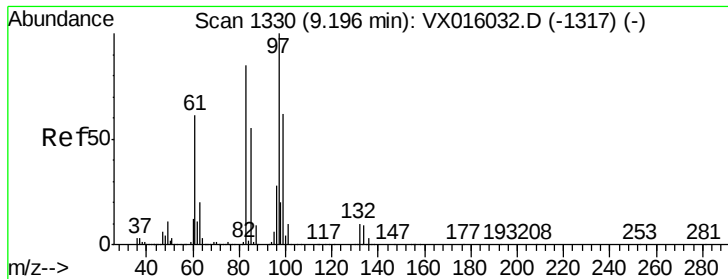
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#54
cis-1,3-Dichloropropene
Concen: 47.690 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.7	37.1
39	40.5	38.7	58.1





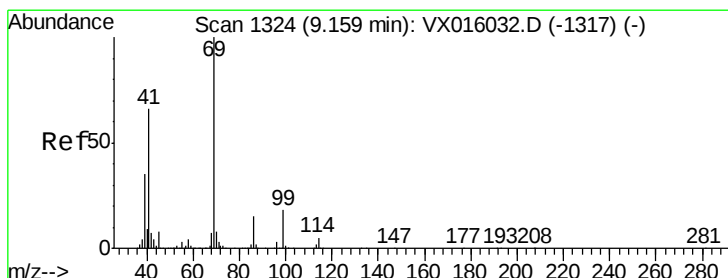
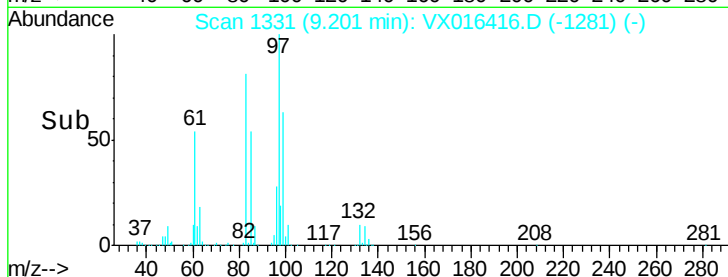
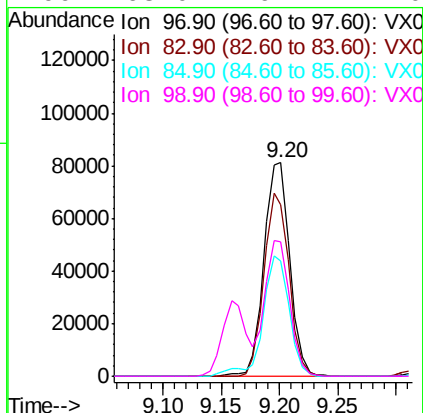
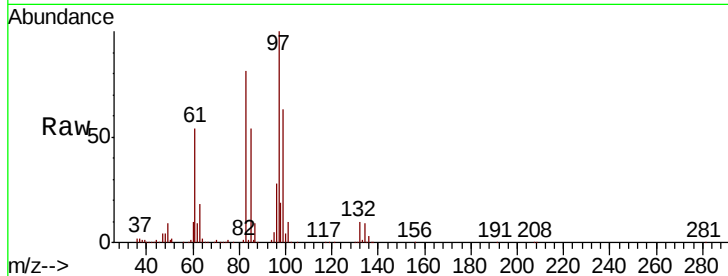
#55
 1,1,2-Trichloroethane
 Concen: 52.507 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		125372		
83	80.5	67.8	101.8		
85	53.8	43.8	65.8		
99	63.0	49.4	74.0		

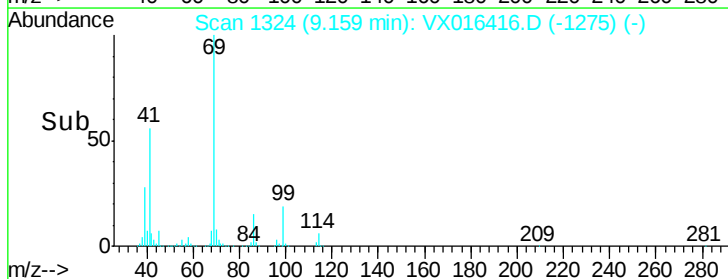
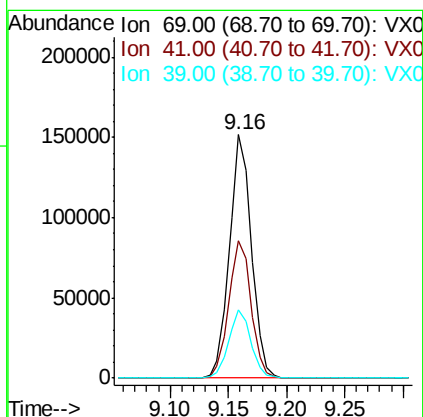
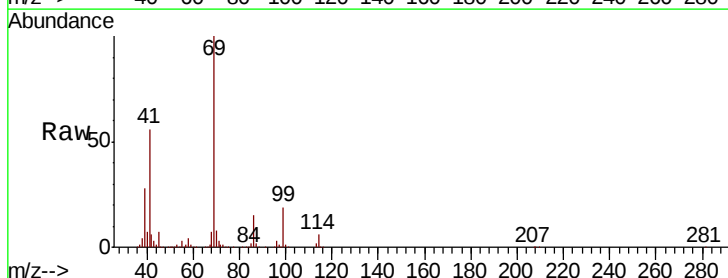
Manual Integrations
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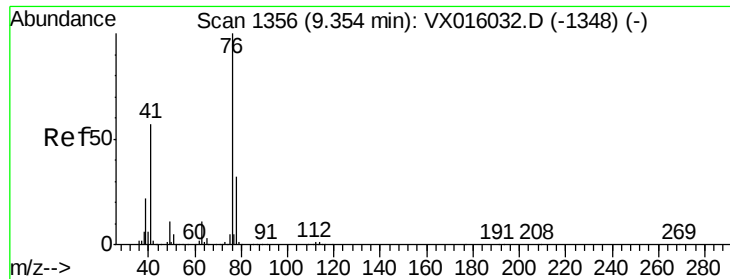
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#56
 Ethyl methacrylate
 Concen: 51.179 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		199468		
41	57.4	52.2	78.4		
39	28.4	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 50.200 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 76 Resp: 209150

Ion Ratio Lower Upper

76 100

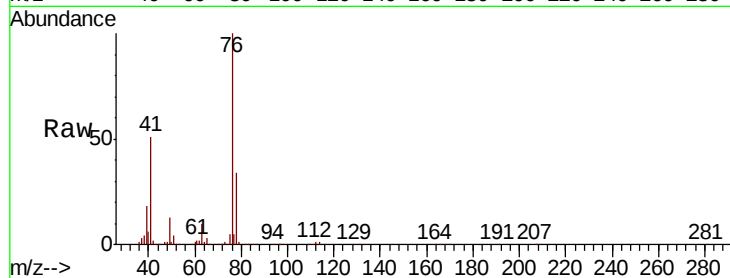
78 33.1 25.9 38.9

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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

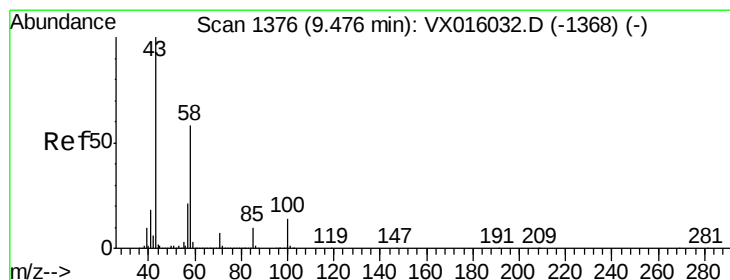
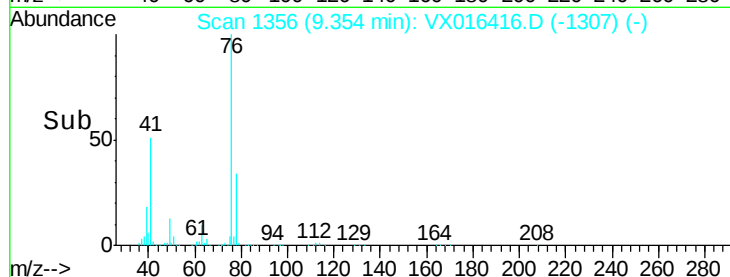
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 233.413 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016416.D

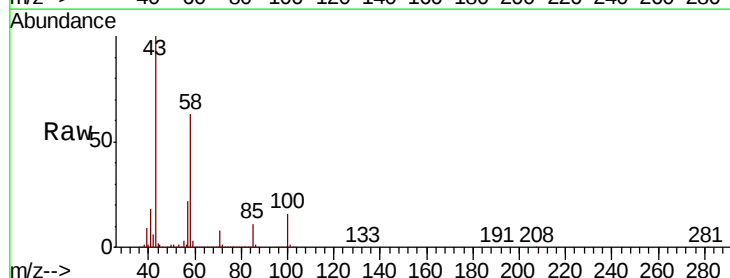
Acq: 22 May 2020 16:44

Tgt Ion: 43 Resp: 690264

Ion Ratio Lower Upper

43 100

58 61.9 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

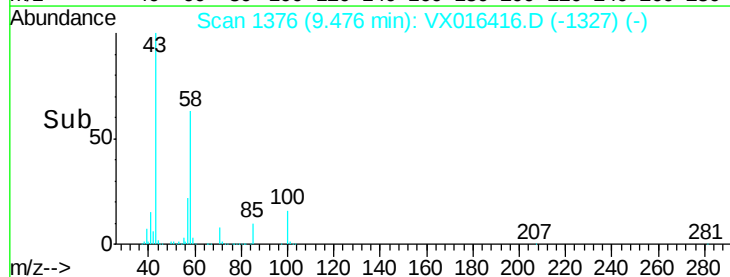
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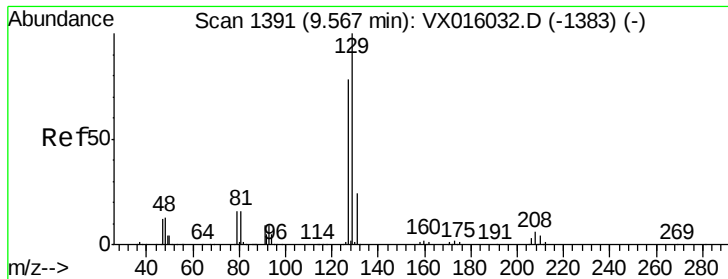
200000

100000

0

Time-->





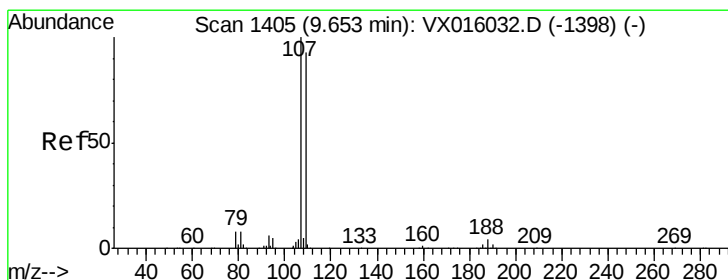
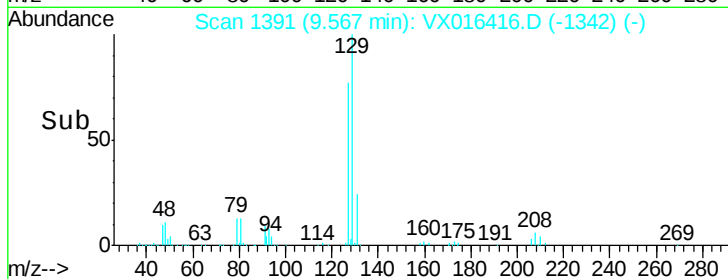
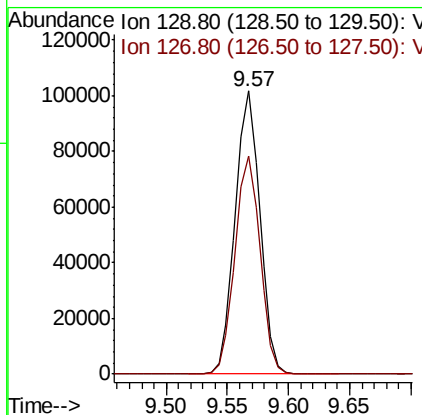
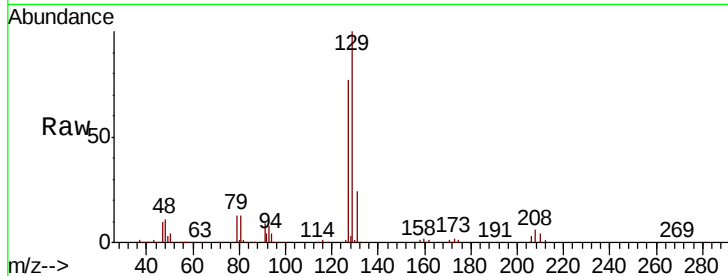
#60
Dibromochloromethane
Concen: 54.354 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.2

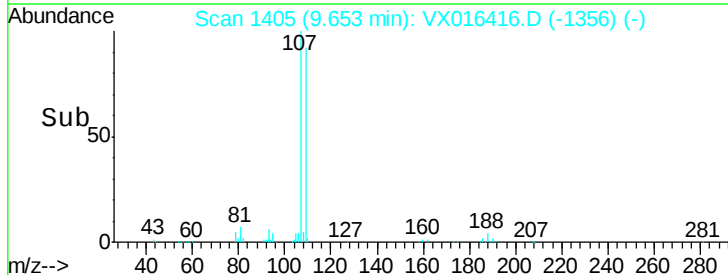
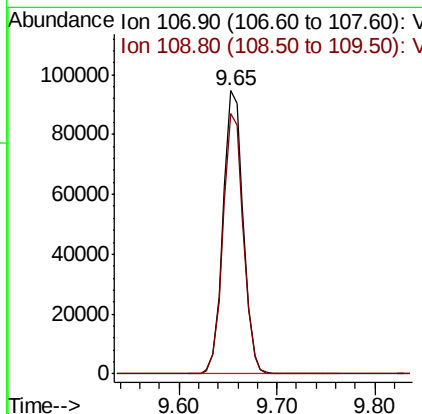
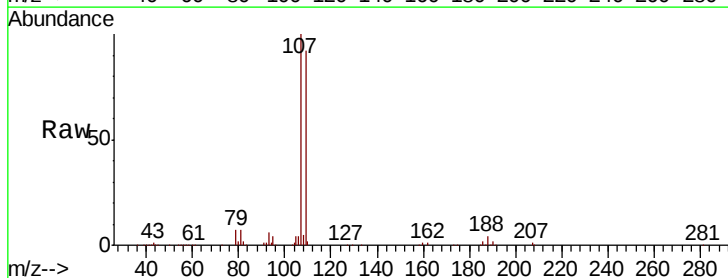
Manual Integrations
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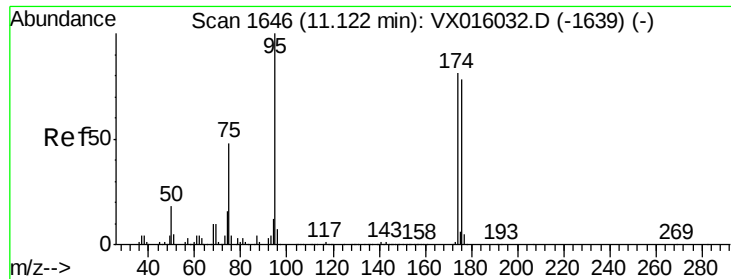
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#61
1,2-Dibromoethane
Concen: 52.196 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.9	74.9	112.3





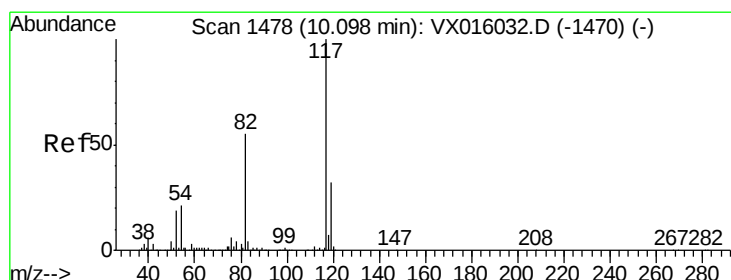
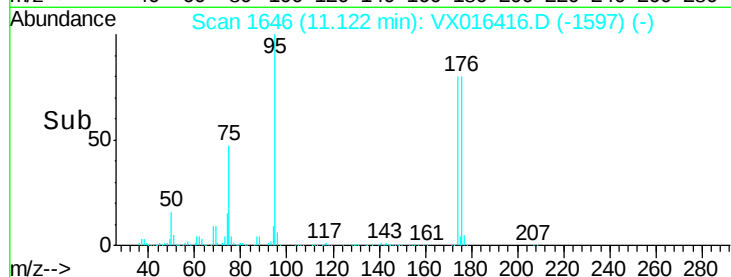
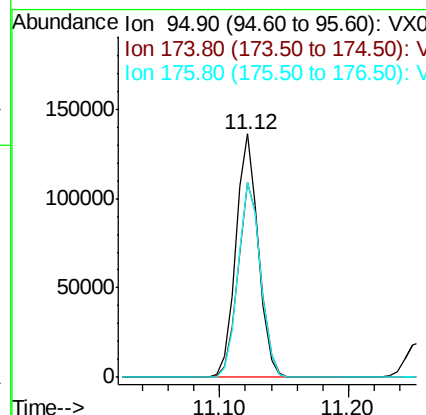
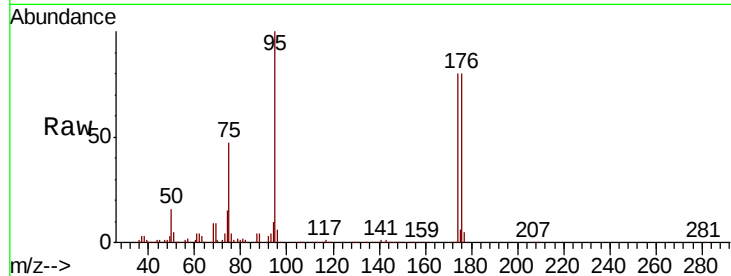
#62
4-Bromofluorobenzene
Concen: 52.541 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	164908		
174	81.5	0.0	159.4	
176	80.6	0.0	157.6	

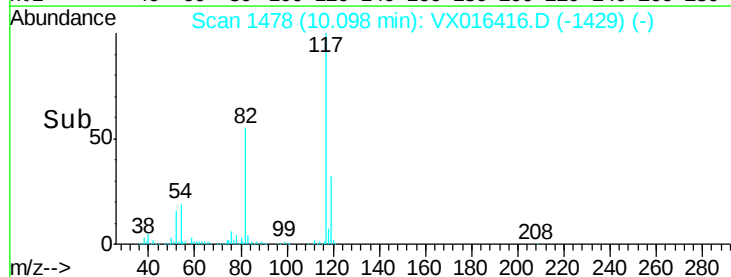
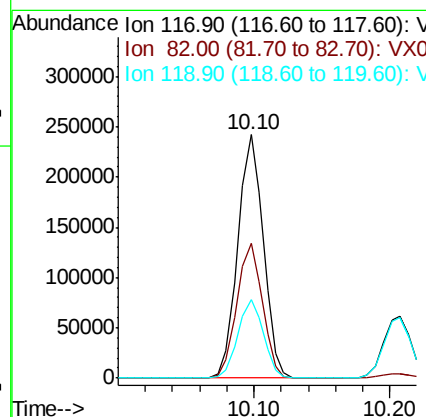
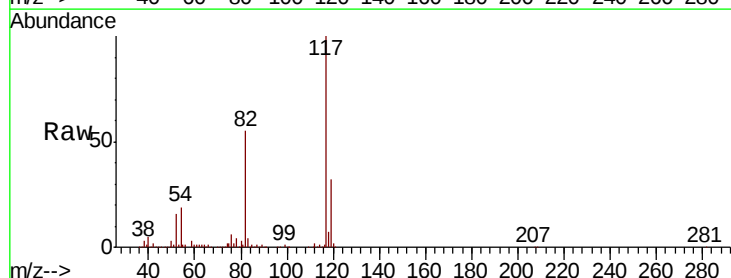
Manual Integrations
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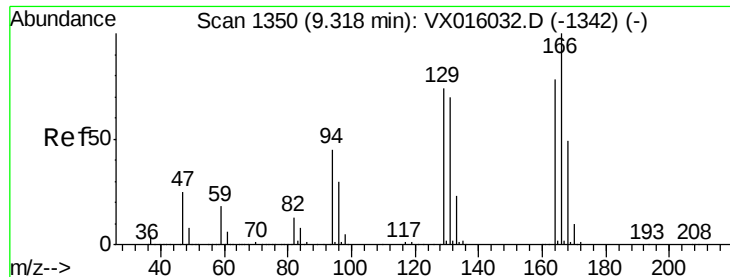
MMDadoda
5/26/2020 11:43:59 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	316939		
82	55.4	44.4	66.6	
119	32.3	25.5	38.3	





#64

Tetrachloroethene

Concen: 41.418 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

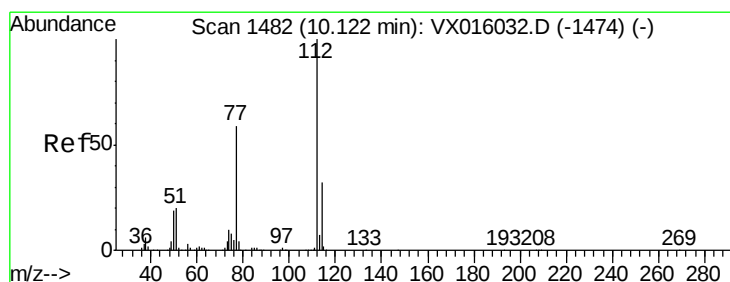
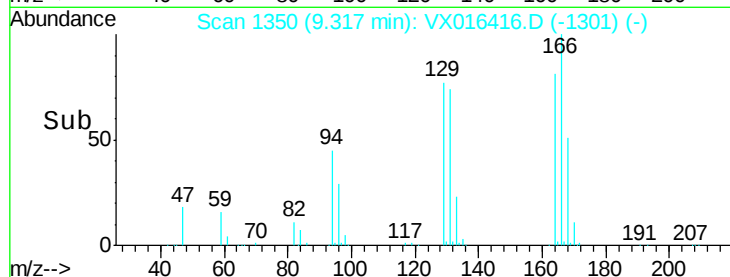
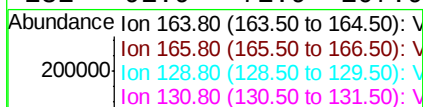
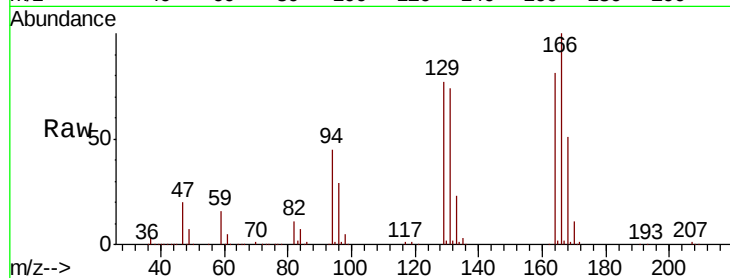
ClientSampleId :

SS042MW024-200521MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	123.5	102.9	154.3	
129	94.5	76.1	114.1	
131	91.9	71.9	107.9	

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#65

Chlorobenzene

Concen: 50.633 ug/l

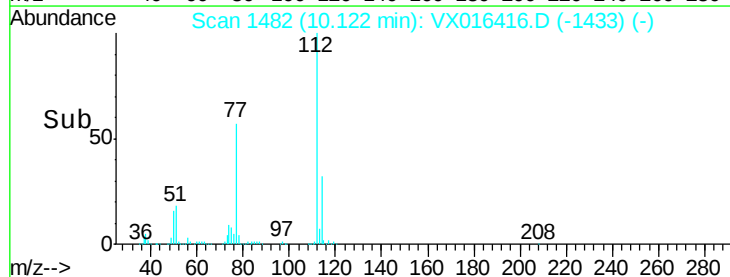
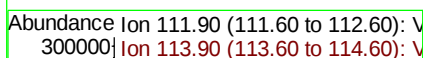
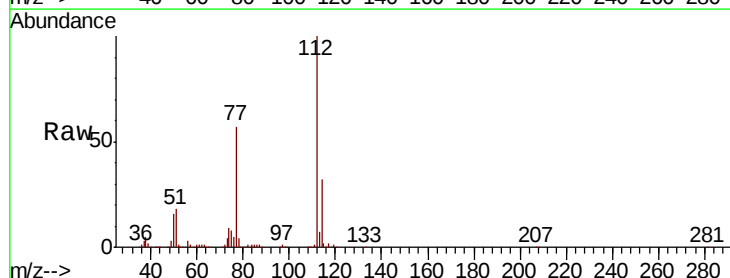
RT: 10.12 min Scan# 1482

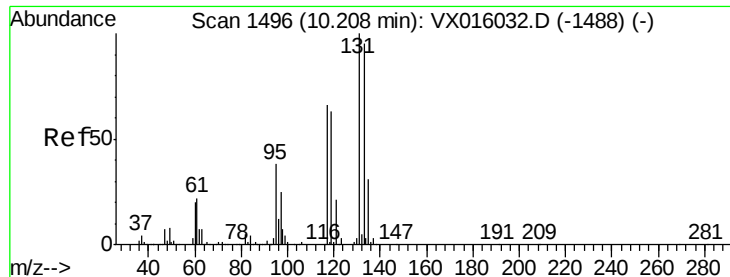
Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.8	25.7	38.5	





#66

1,1,1,2-Tetrachloroethane

Concen: 52.915 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

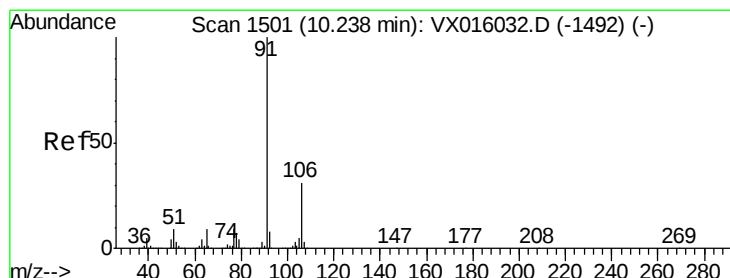
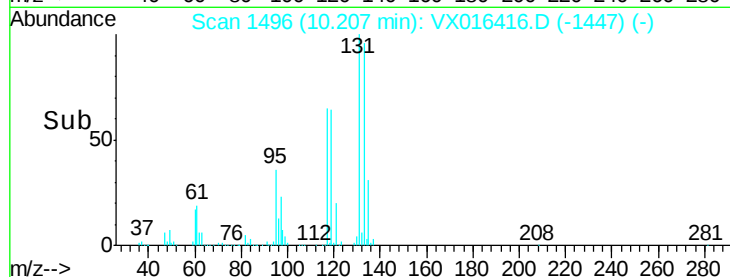
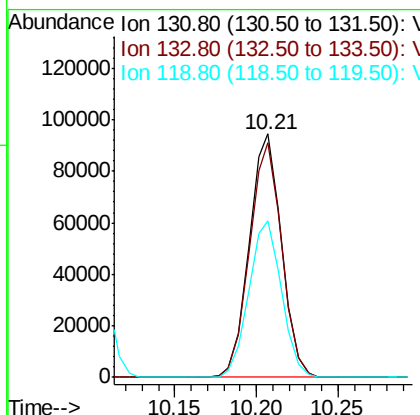
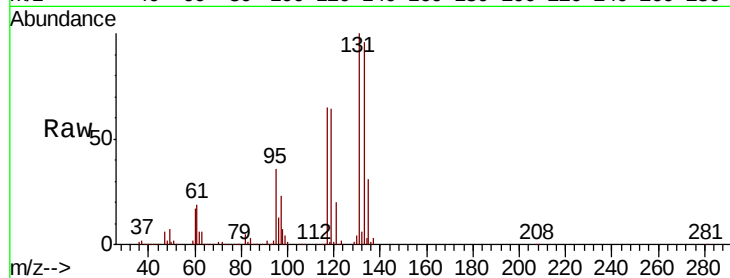
ClientSampleId :

SS042MW024-200521MS

Tot Ion:	131	Resp:	129792
Ion Ratio	Lower	Upper	
131	100		
133	96.2	48.3	144.8
119	64.8	32.3	96.9

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#67

Ethyl Benzene

Concen: 49.877 ug/l

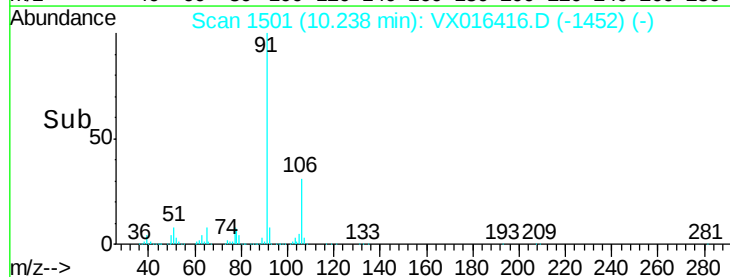
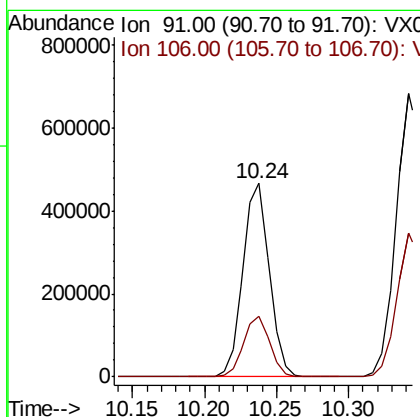
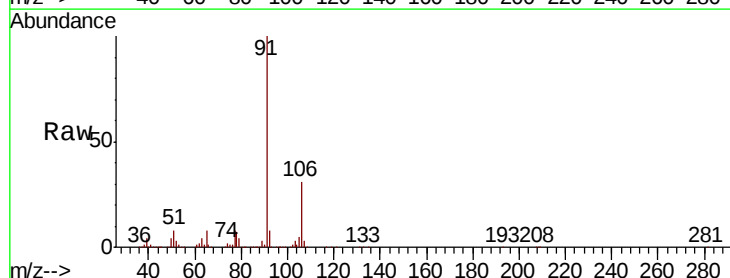
RT: 10.24 min Scan# 1501

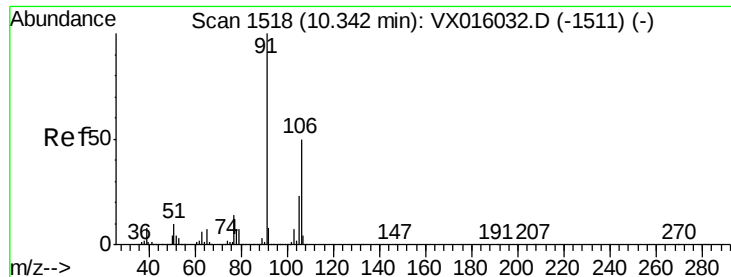
Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion:	91	Resp:	590584
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.1	37.7





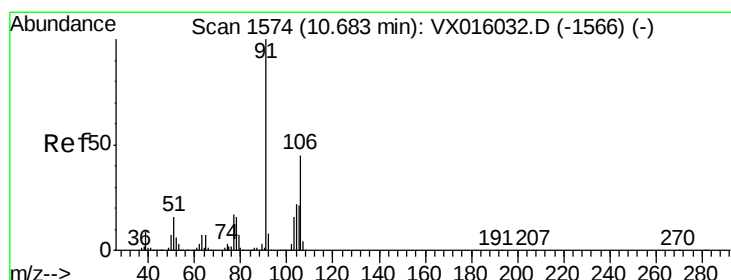
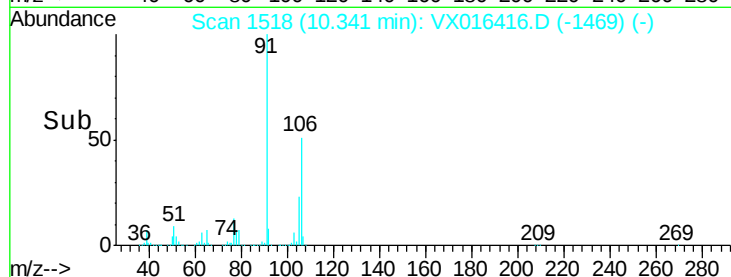
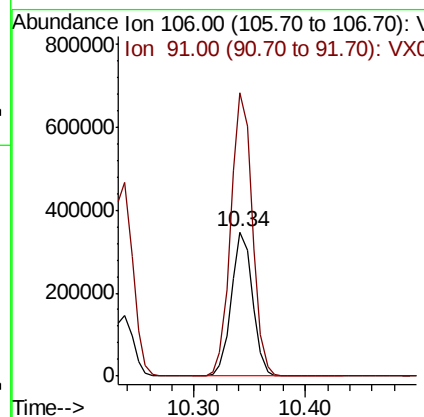
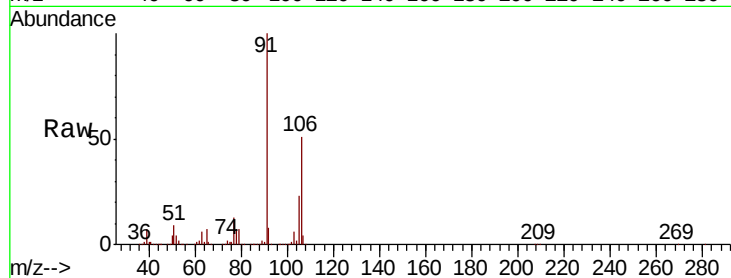
#68
m/p-Xylenes
Concen: 102.841 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		456240		
91	199.9	161.7	242.5		

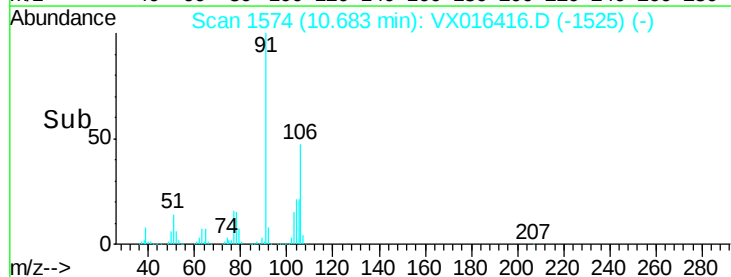
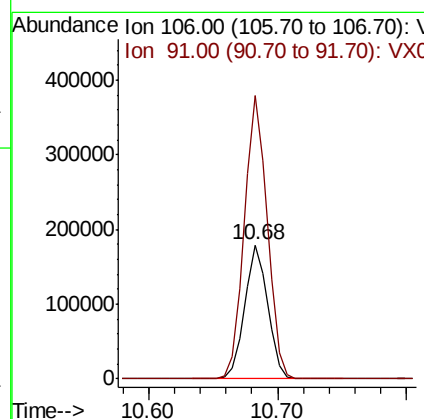
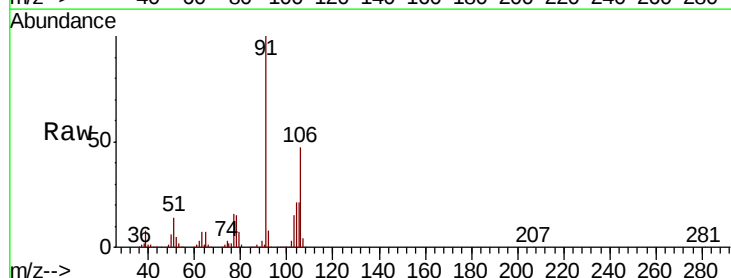
Manual Integrations
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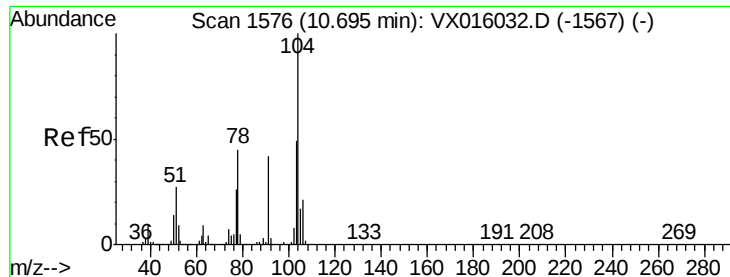
MMDadoda
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#69
o-Xylene
Concen: 51.584 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		219975		
91	212.7	107.5	322.6		





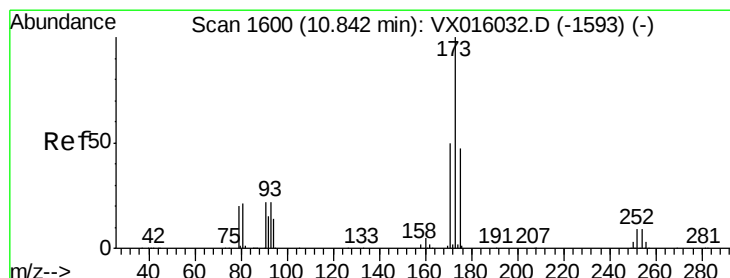
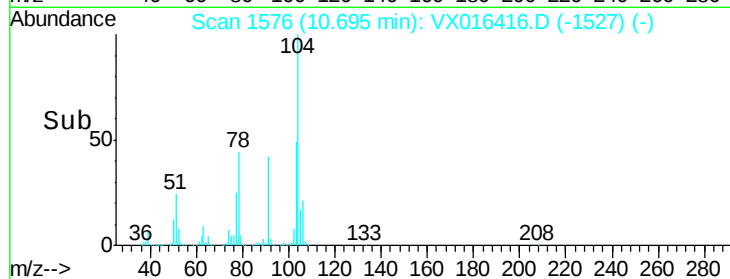
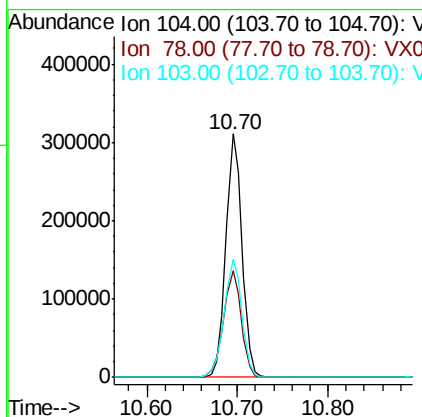
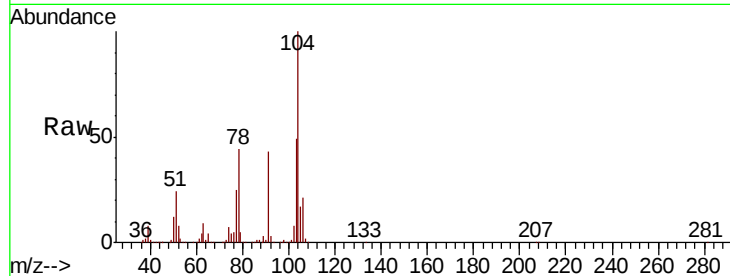
#70
Stvrene
Concen: 53.277 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	385432		
78	48.7		40.2	60.2
103	53.4		43.0	64.6

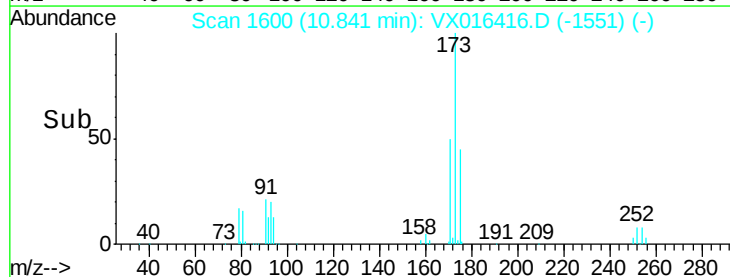
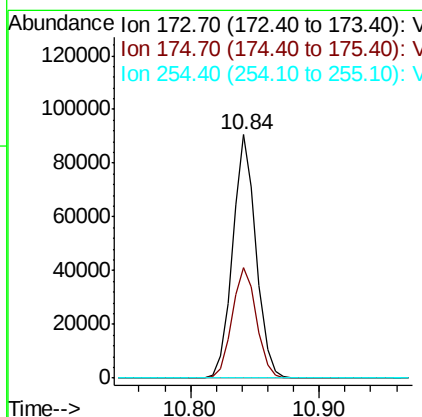
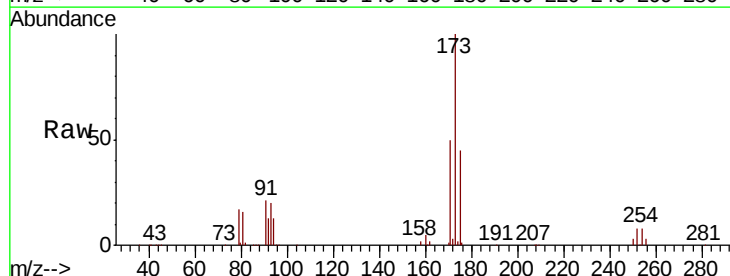
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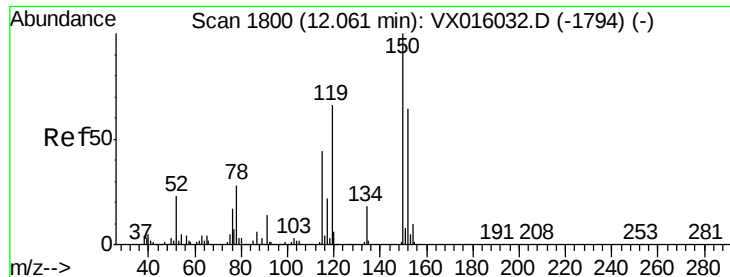
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5/26/2020 11:43:59 AM



#71
Bromoform
Concen: 57.145 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	114200		
175	47.6		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: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion:152 Resp: 165932

Ion Ratio Lower Upper

152 100

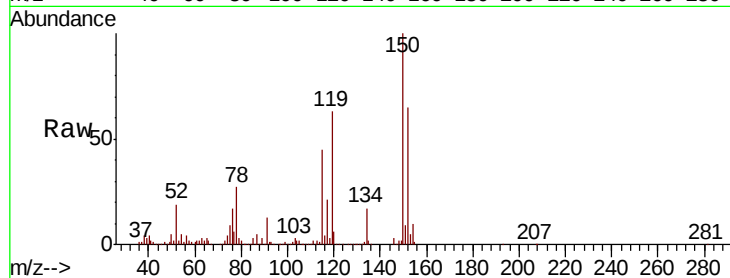
115 81.1 41.3 124.1

150 174.5 0.0 352.2

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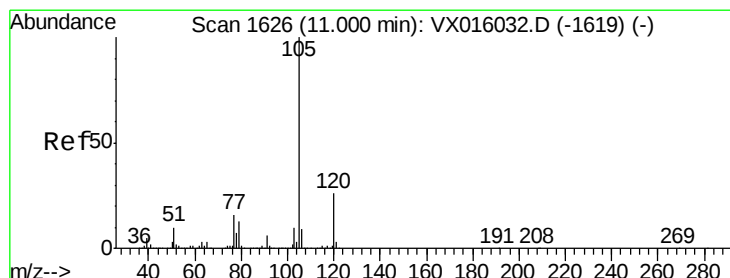
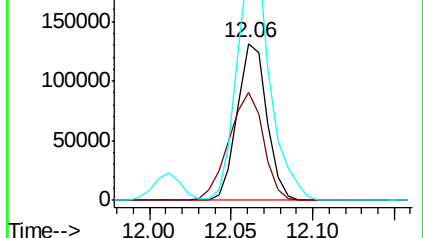
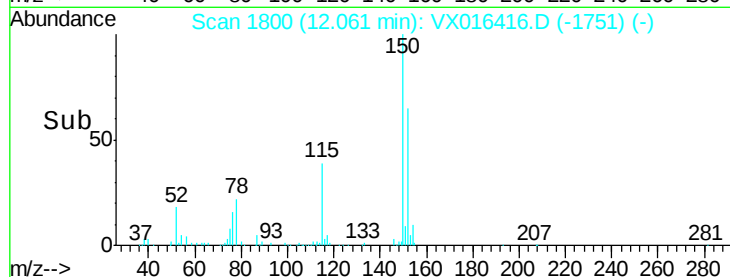
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.732 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016416.D

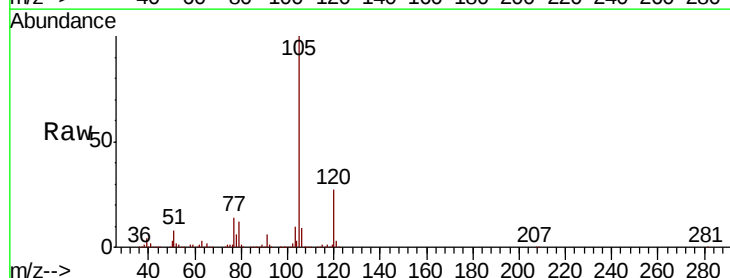
Acq: 22 May 2020 16:44

Tgt Ion:105 Resp: 576081

Ion Ratio Lower Upper

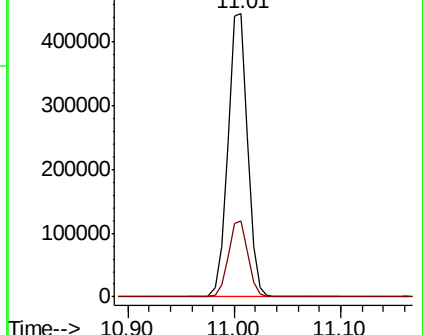
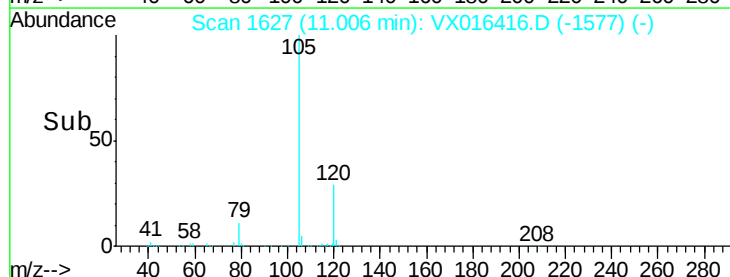
105 100

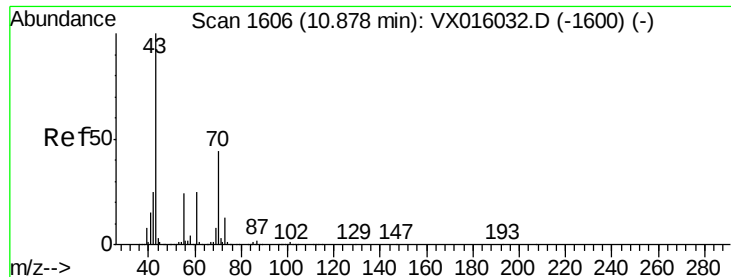
120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 41.191 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

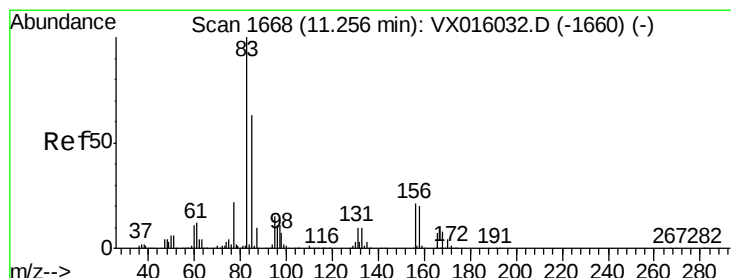
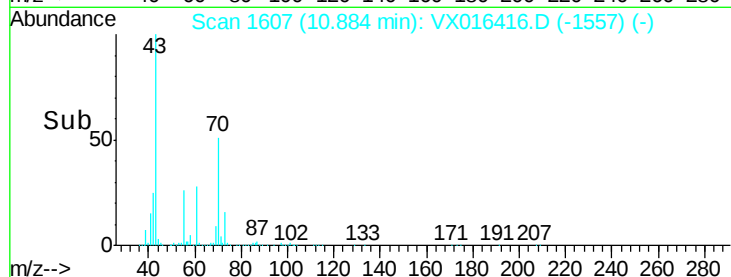
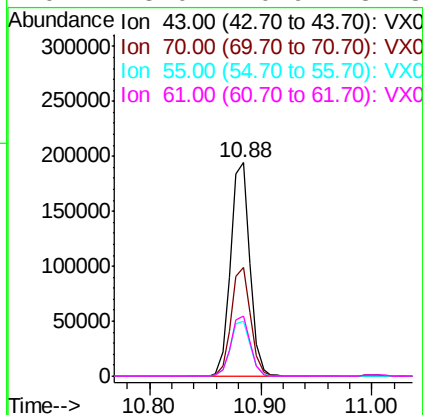
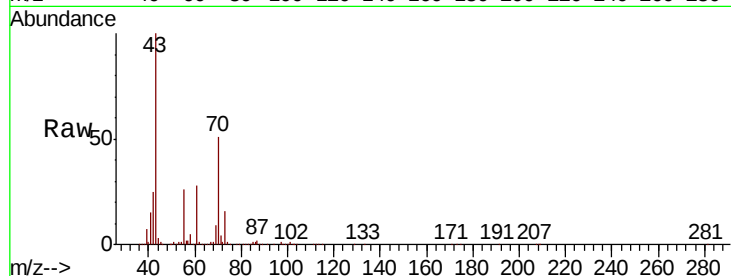
ClientSampleId :

SS042MW024-200521MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		231886		
70	50.9	36.5	54.7		
55	26.8	19.7	29.5		
61	28.0	20.9	31.3		

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#75

1,1,2,2-Tetrachloroethane

Concen: 66.259 ug/l

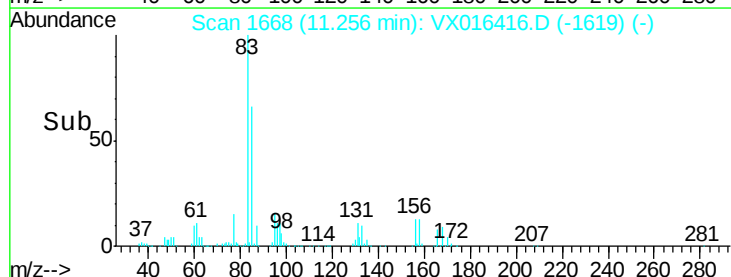
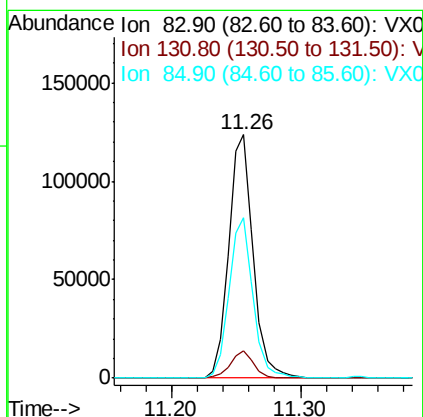
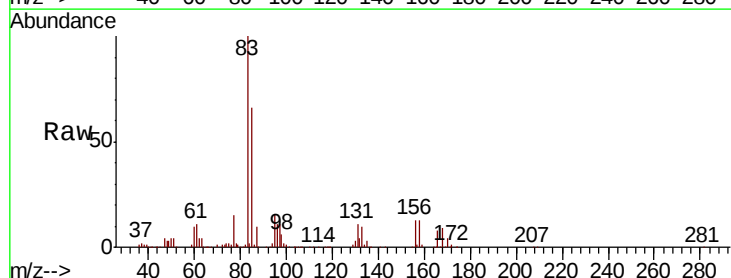
RT: 11.26 min Scan# 1668

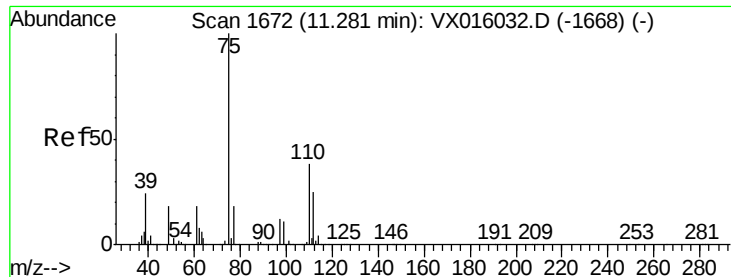
Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		163484		
131	10.6	5.1	15.4		
85	65.0	32.0	96.0		





#76

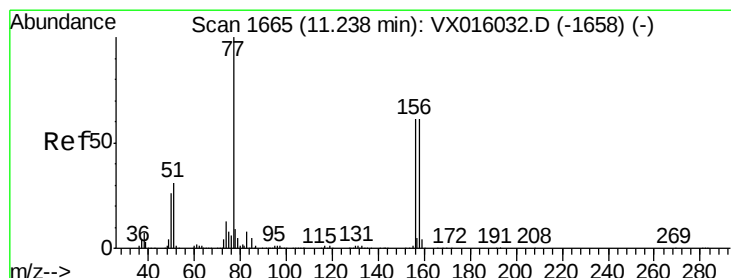
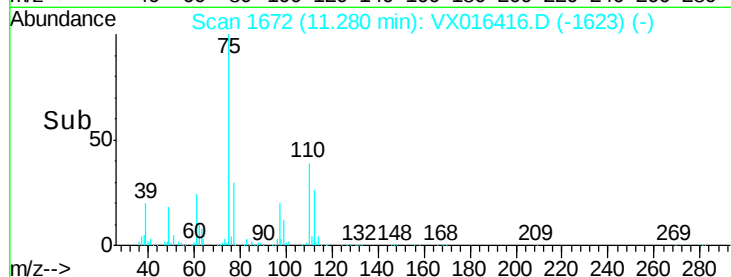
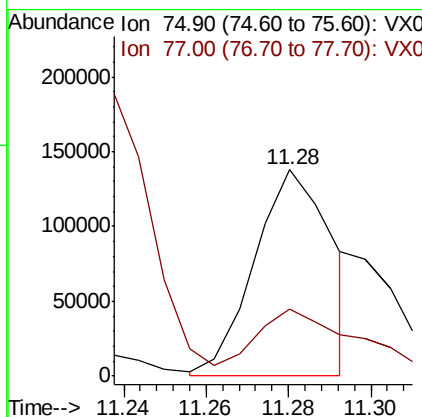
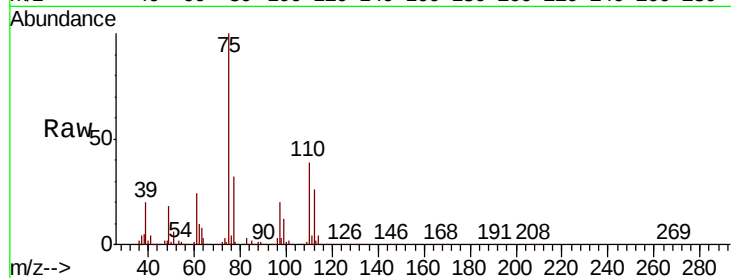
1,2,3-Trichloropropane
Concen: 48.106 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	43.2	21.2	63.6

Manual Integrations
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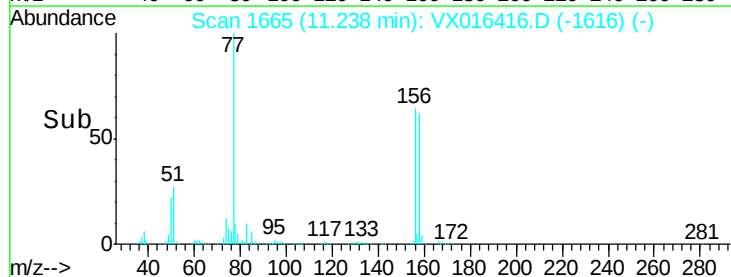
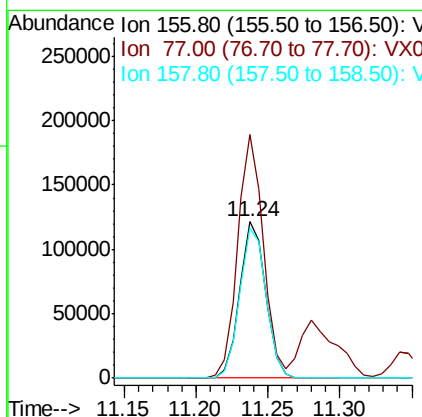
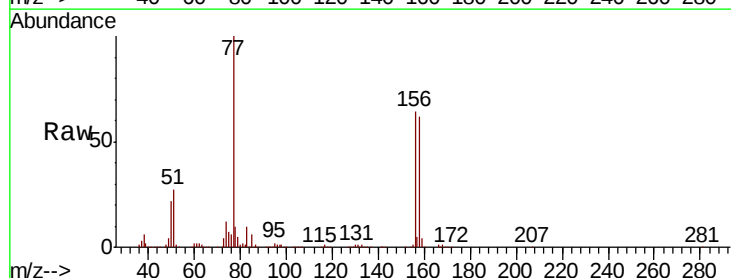
MMDadoda
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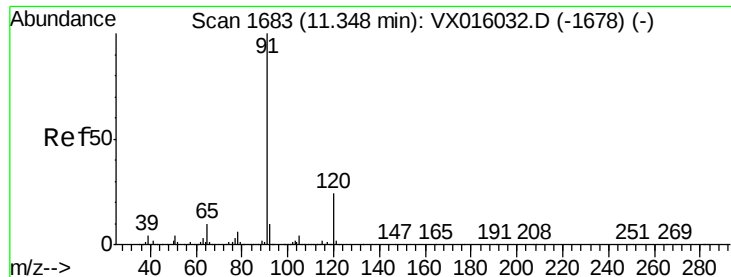


#77

Bromobenzene
Concen: 48.850 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
156	100		
77	154.3	80.1	240.3
158	97.2	49.4	148.2





#78

n-propylbenzene

Concen: 46.363 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 91 Resp: 650948

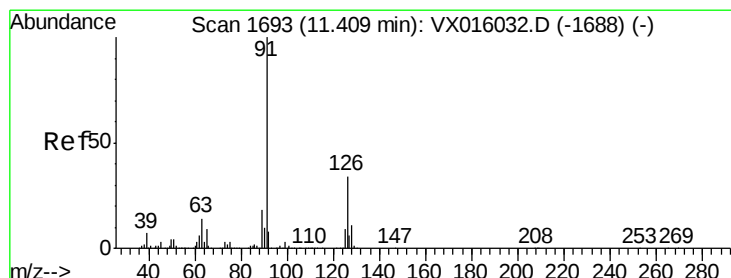
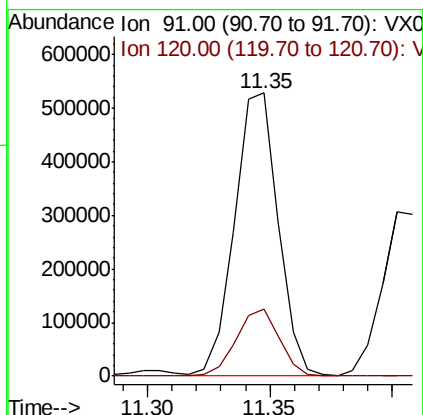
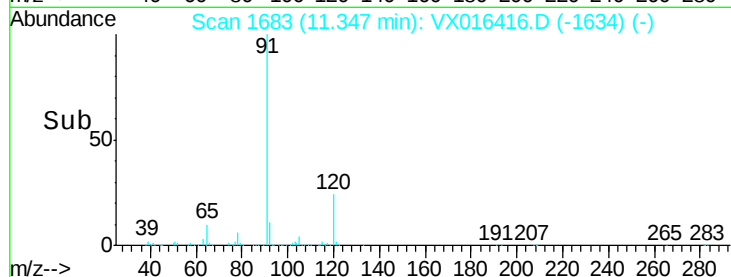
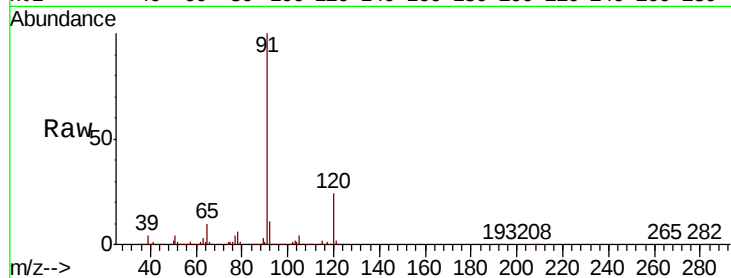
Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5

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#79

2-Chlorotoluene

Concen: 48.246 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016416.D

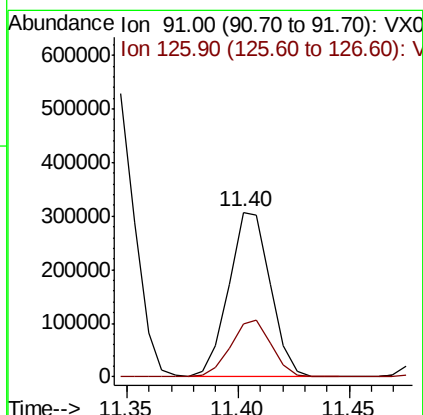
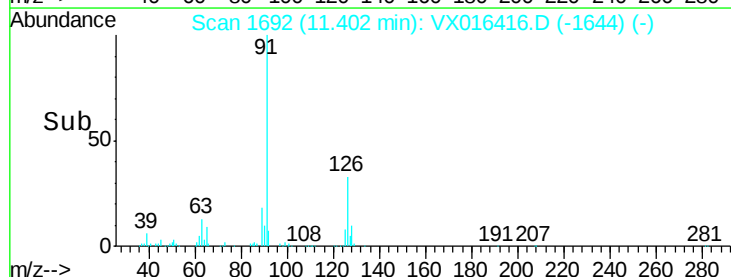
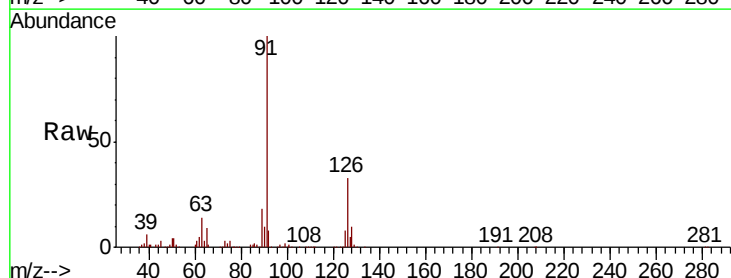
Acq: 22 May 2020 16:44

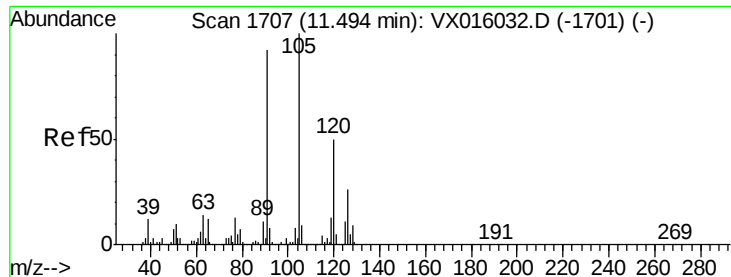
Tgt Ion: 91 Resp: 399846

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6





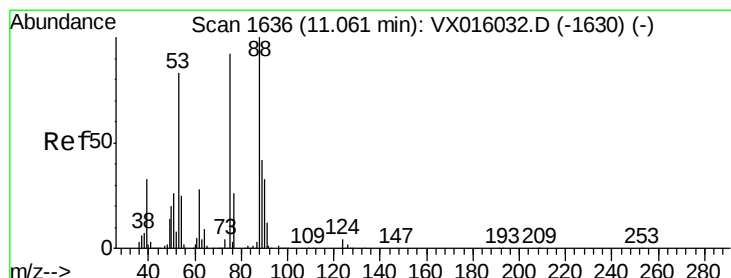
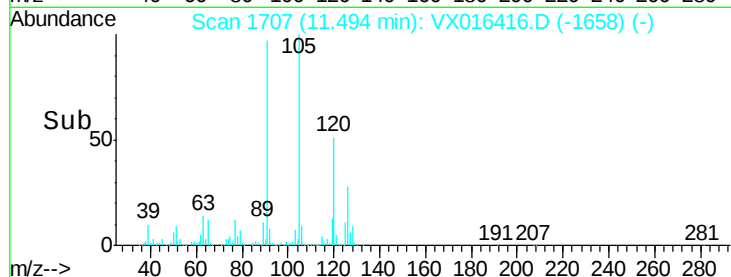
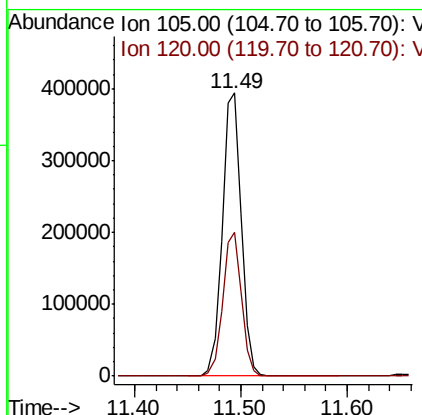
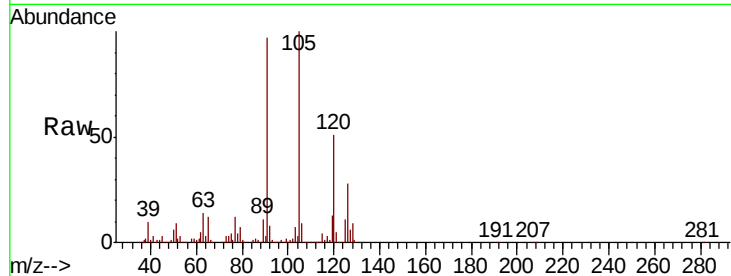
#80
 1,3,5-Trimethylbenzene
 Concen: 47.928 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.6	74.0

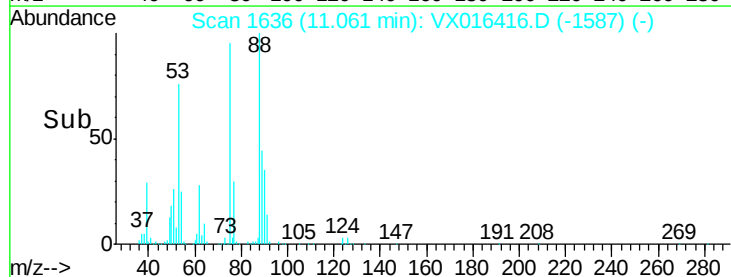
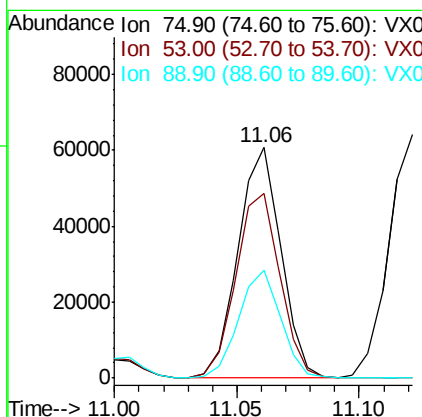
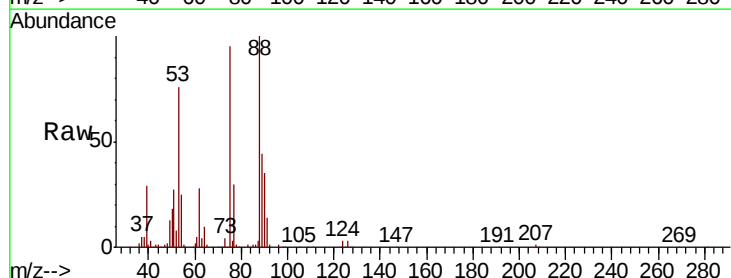
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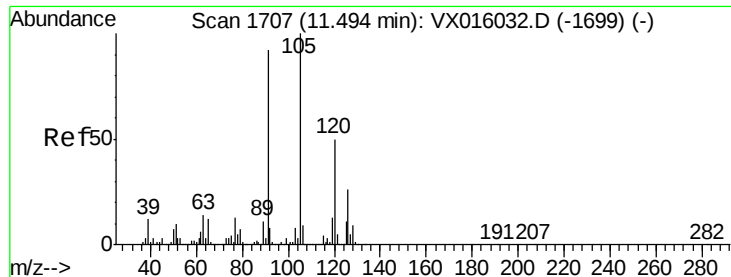
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.783 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.4	73.1	109.7
89	46.2	36.7	55.1





#82

4-Chlorotoluene

Concen: 48.440 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion: 91 Resp: 474070

Ion Ratio Lower Upper

91 100

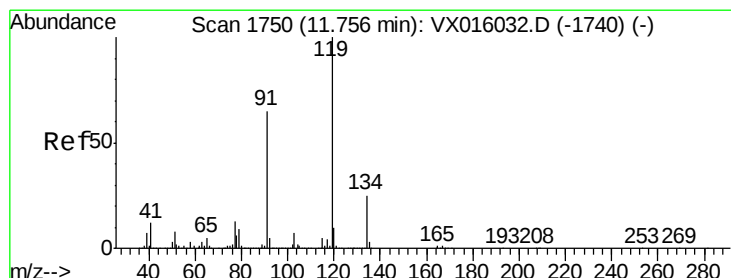
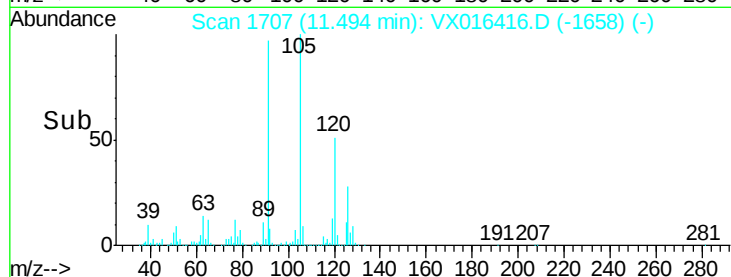
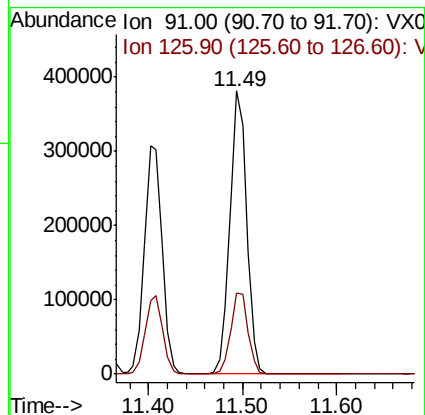
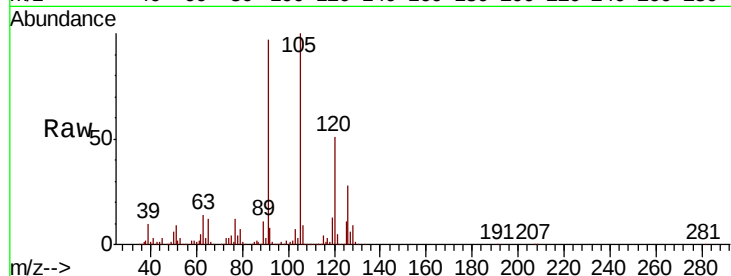
126 29.6 14.8 44.3

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#83

tert-Butylbenzene

Concen: 48.542 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

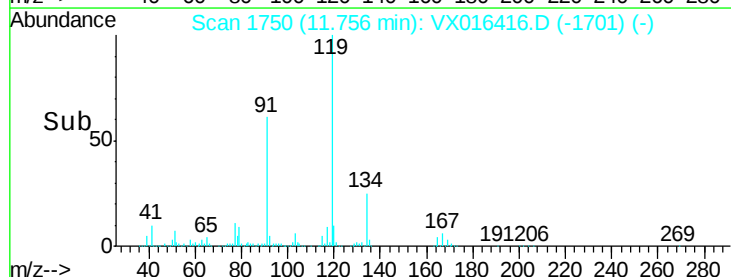
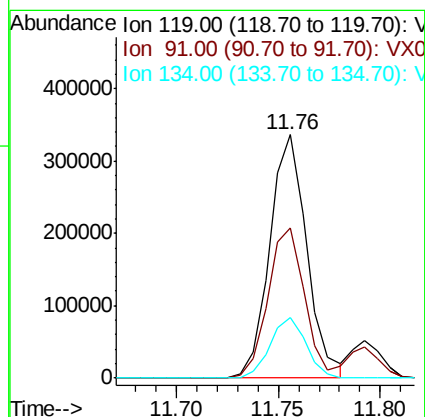
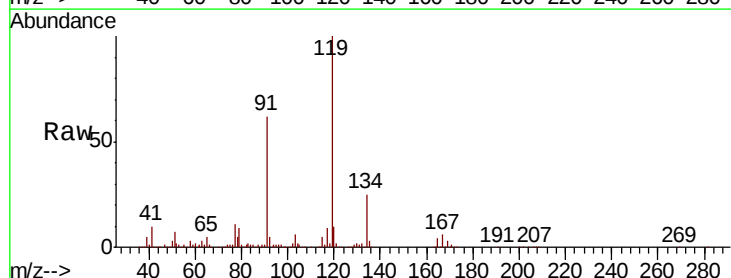
Tgt Ion: 119 Resp: 426290

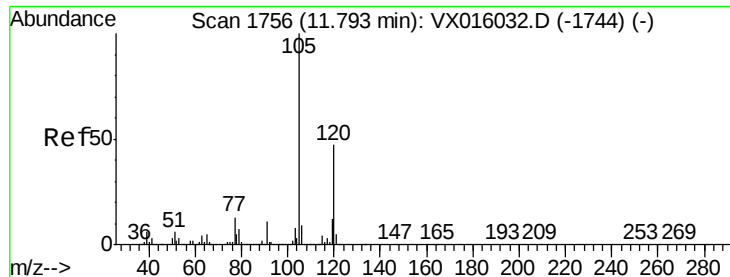
Ion Ratio Lower Upper

119 100

91 60.6 32.8 98.4

134 24.2 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 48.578 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion:105 Resp: 500456

Ion Ratio Lower Upper

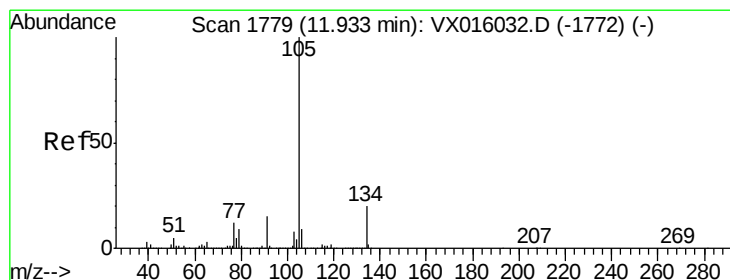
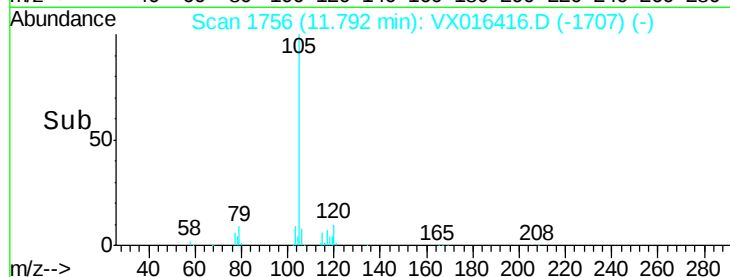
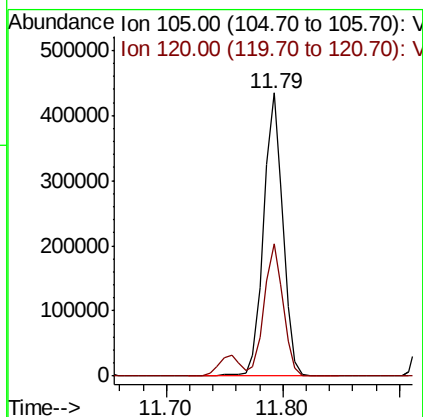
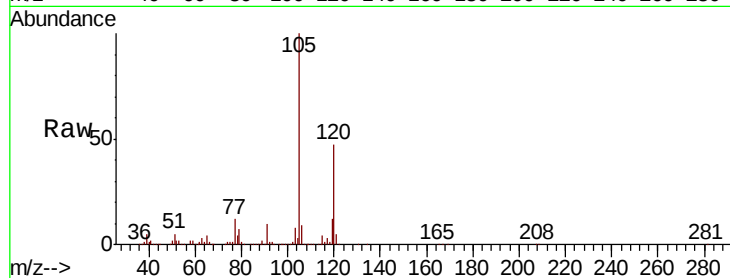
105 100

120 46.2 23.0 69.0

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#85

sec-Butylbenzene

Concen: 43.596 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016416.D

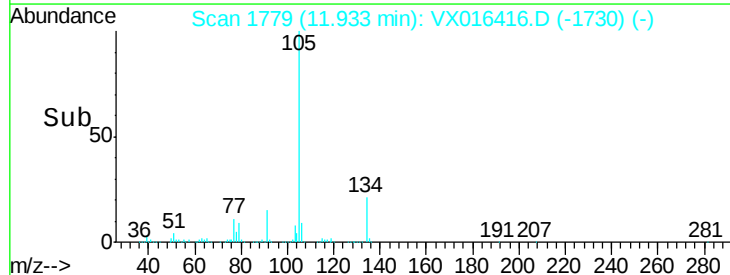
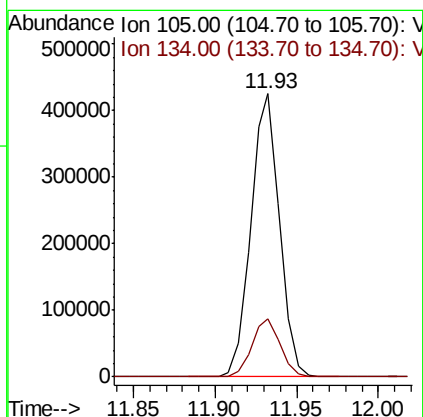
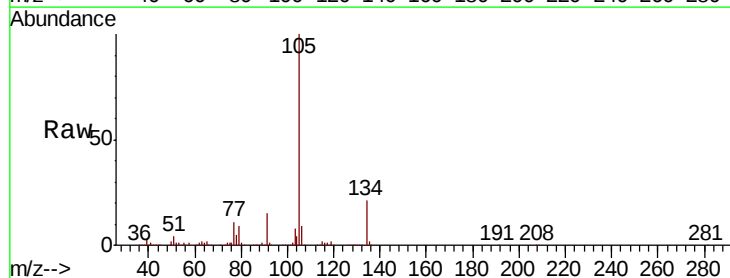
Acq: 22 May 2020 16:44

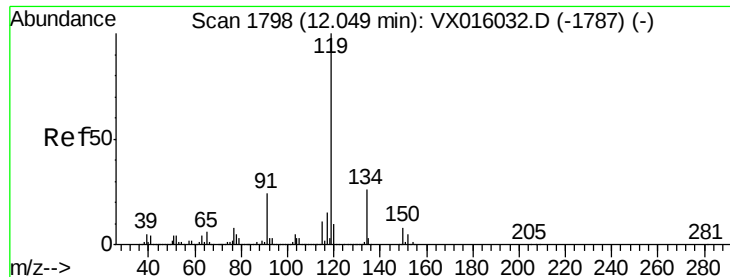
Tgt Ion:105 Resp: 516918

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.3





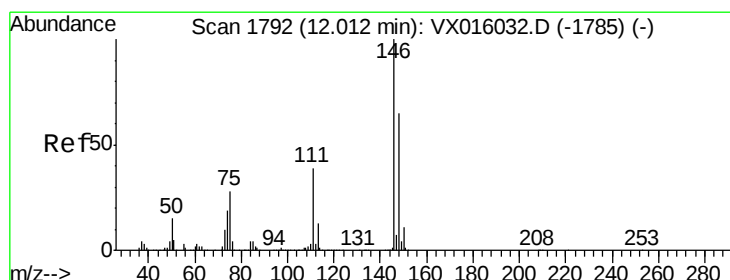
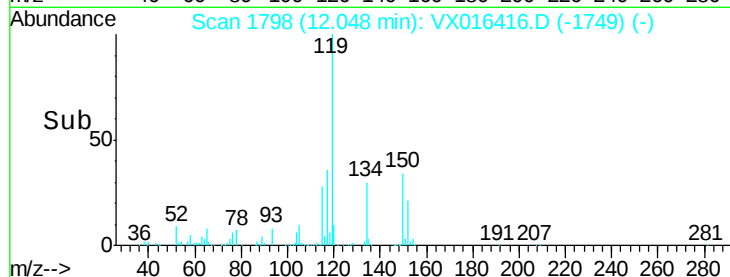
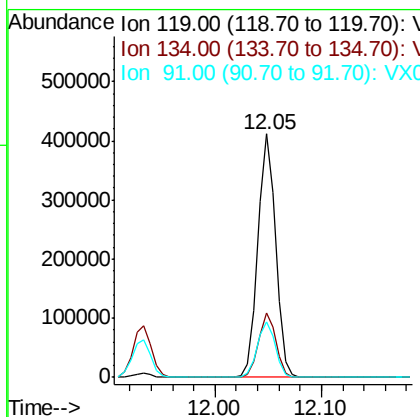
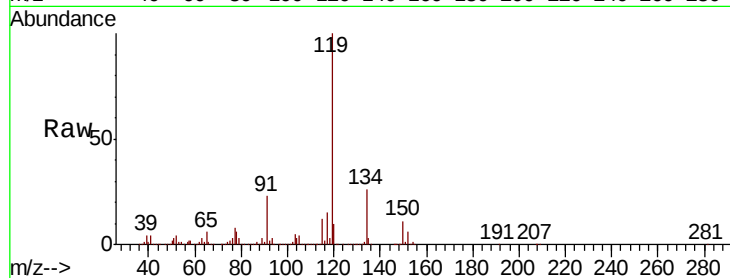
#86
 p-Isopropyltoluene
 Concen: 44.030 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	23.0	11.8	35.4

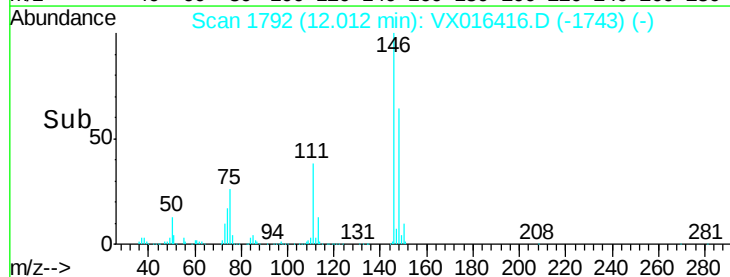
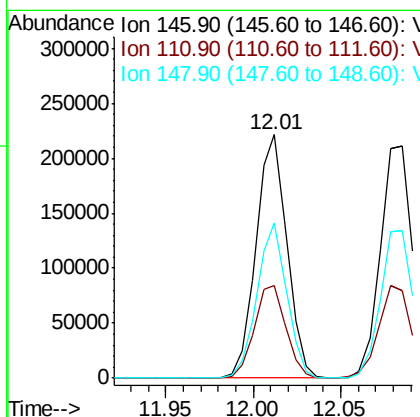
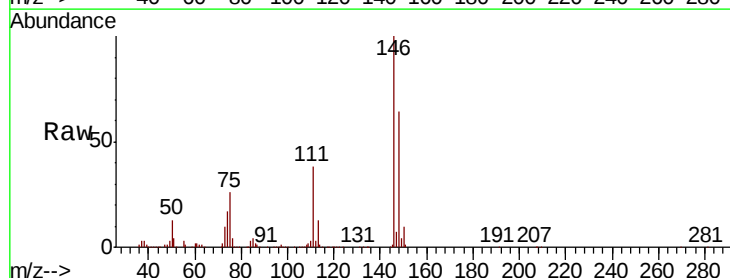
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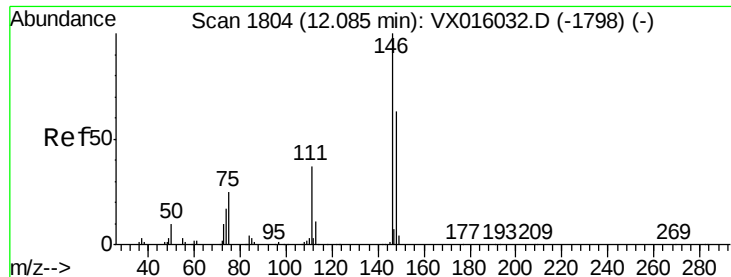
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#87
 1,3-Dichlorobenzene
 Concen: 48.470 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.2	60.6
148	61.7	32.1	96.3





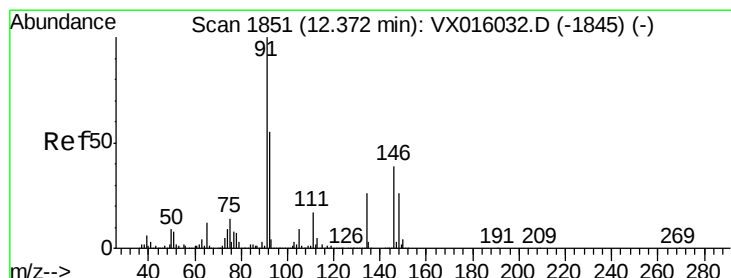
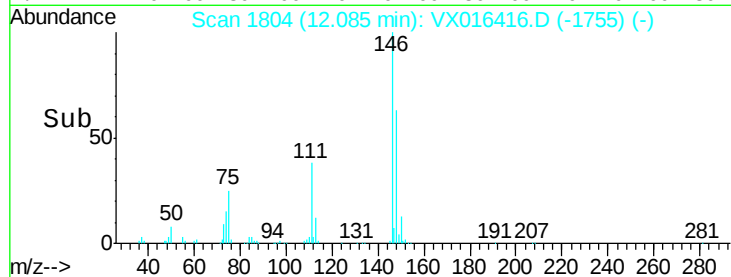
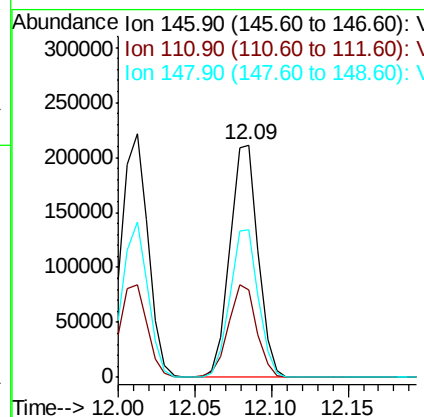
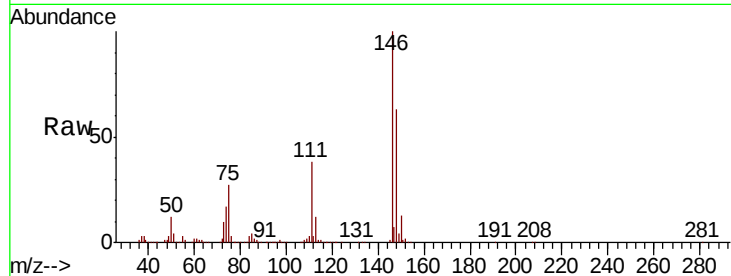
#88
 1,4-Dichlorobenzene
 Concen: 47.588 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	270165		
111	39.7	19.6	58.7	
148	63.9	31.8	95.3	

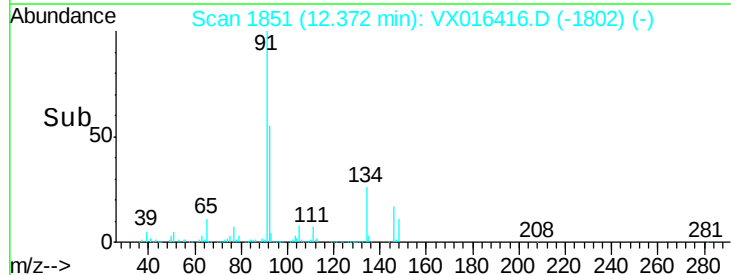
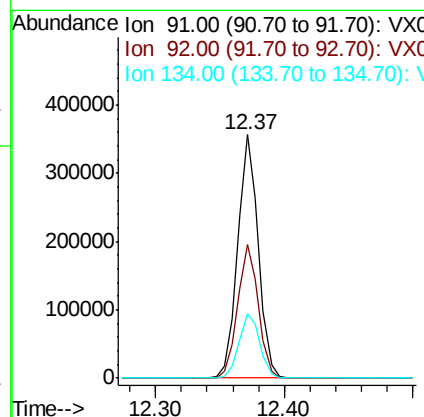
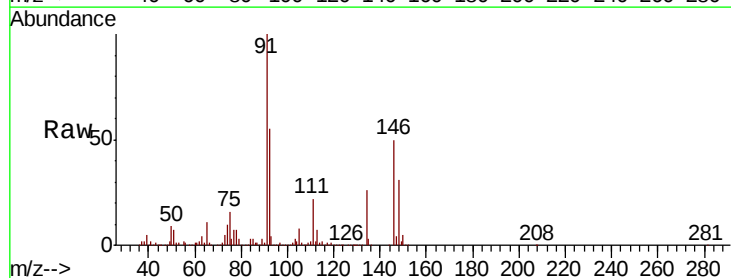
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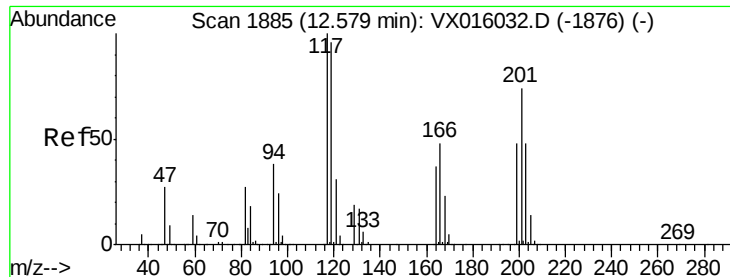
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#89
 n-Butylbenzene
 Concen: 39.571 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	397970		
92	55.1	27.6	82.7	
134	26.8	13.4	40.1	





#90

Hexachloroethane

Concen: 45.106 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-200521MS

Tot Ion:117 Resp: 85279

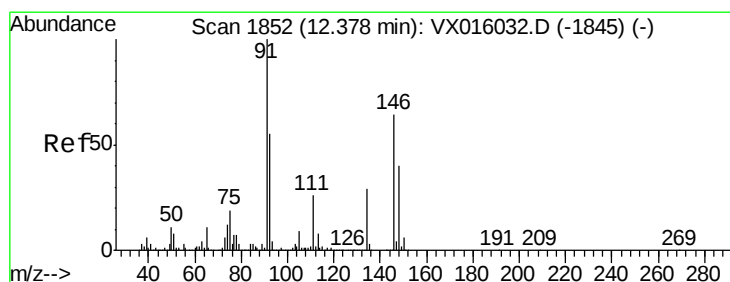
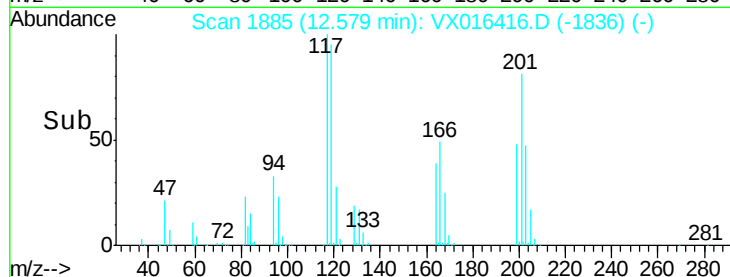
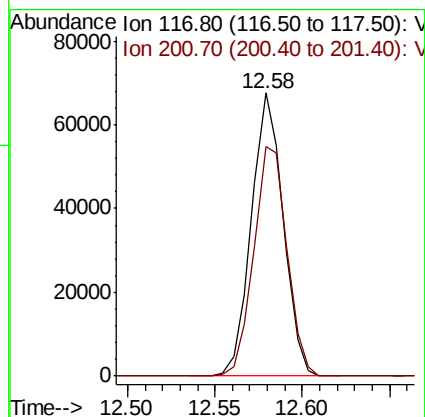
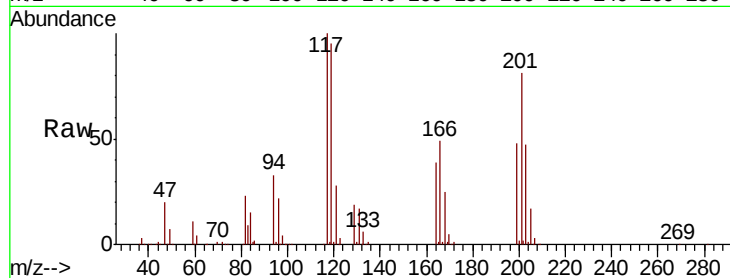
Ion Ratio Lower Upper

117 100

201 84.5 39.8 119.3

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#91

1,2-Dichlorobenzene

Concen: 48.051 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

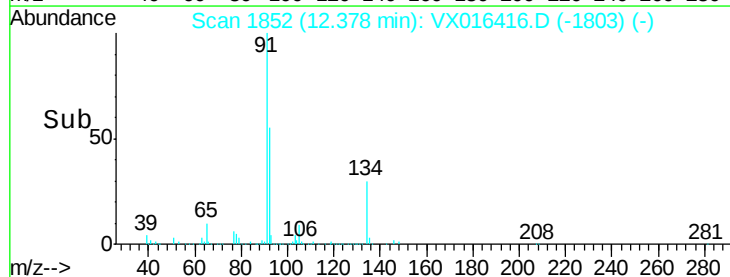
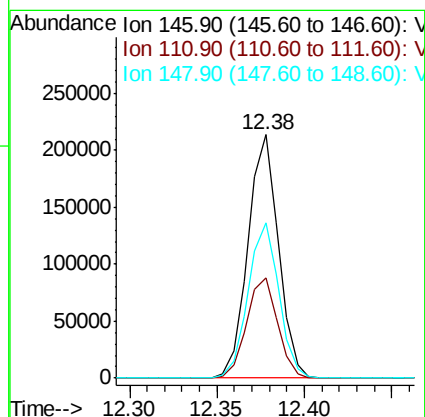
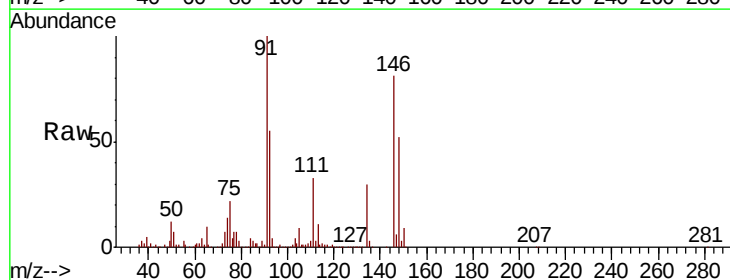
Tgt Ion:146 Resp: 258799

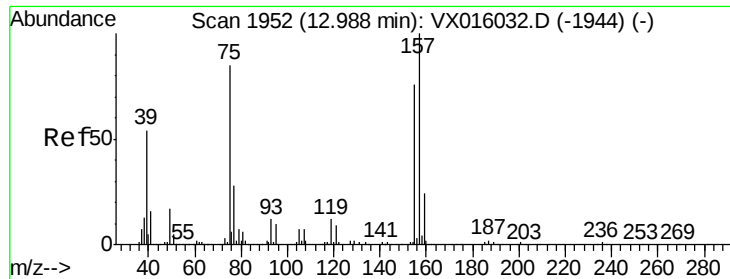
Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.1

148 64.1 32.4 97.0





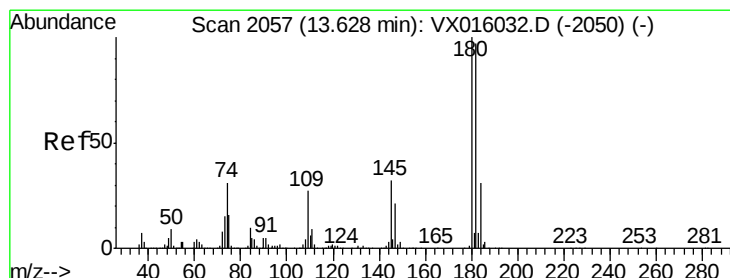
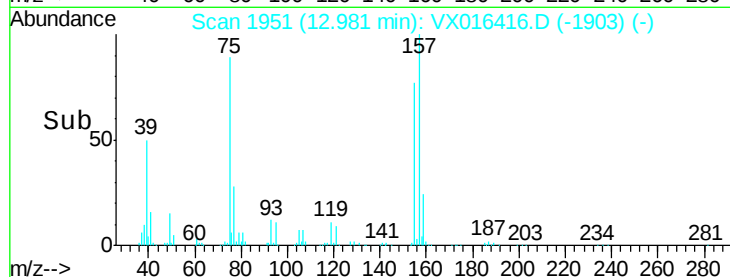
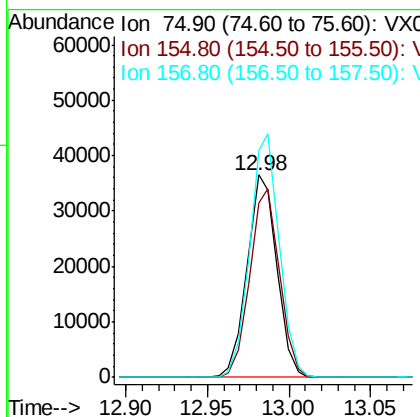
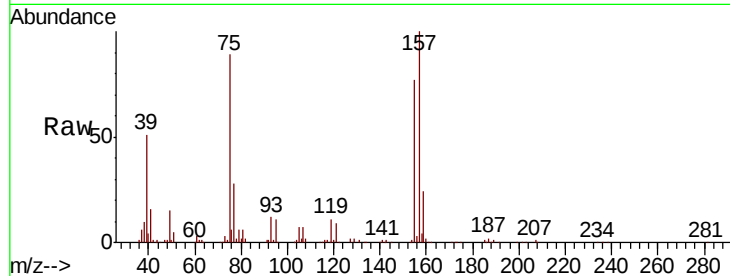
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.868 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	92.6	42.5	127.5
157	118.8	55.3	165.8

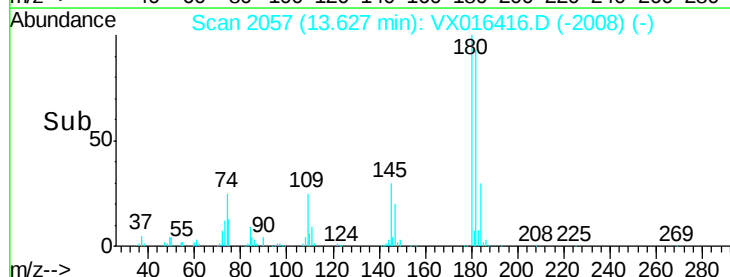
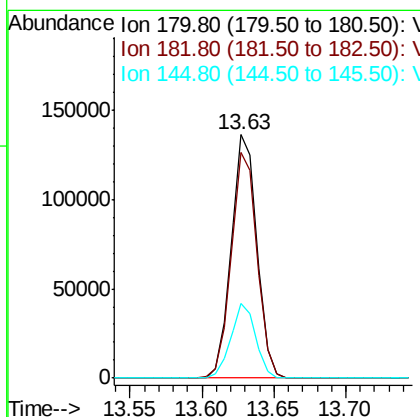
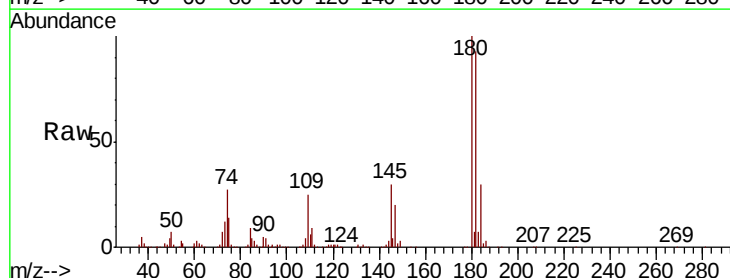
Manual Integrations
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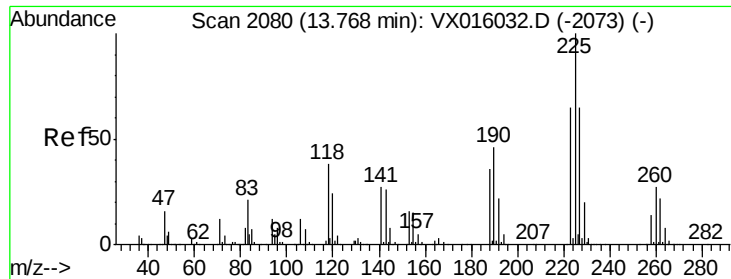
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#93
 1,2,4-Trichlorobenzene
 Concen: 42.698 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.7	146.1
145	29.8	15.7	47.1





#94

Hexachlorobutadiene

Concen: 34.178 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

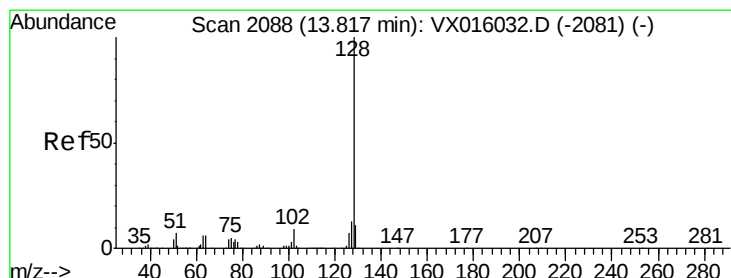
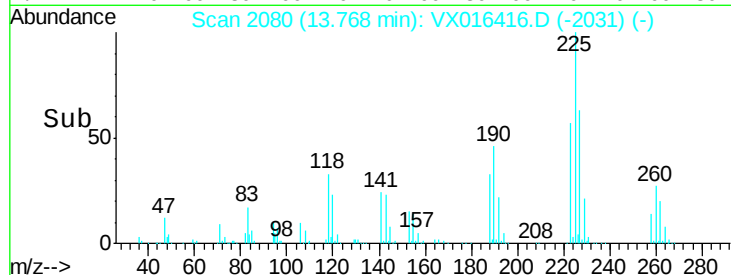
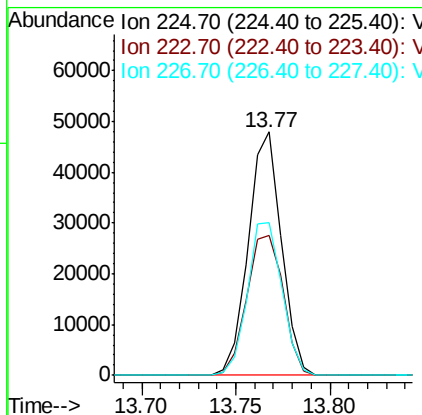
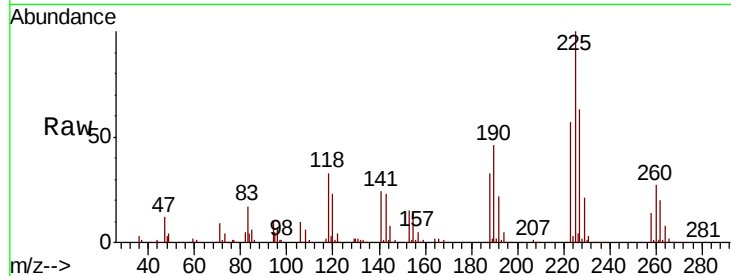
ClientSampleId :

SS042MW024-200521MS

Tot Ion:	225	Resp:	58398
Ion Ratio	Lower	Upper	
225	100		
223	63.5	32.3	96.9
227	65.6	31.8	95.4

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#95

Naphthalene

Concen: 46.696 ug/l

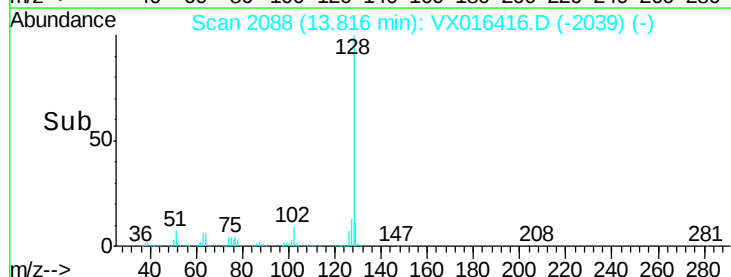
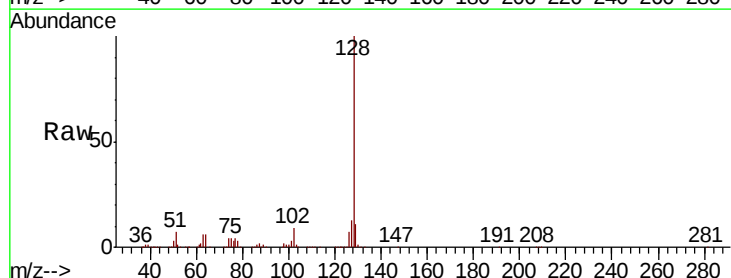
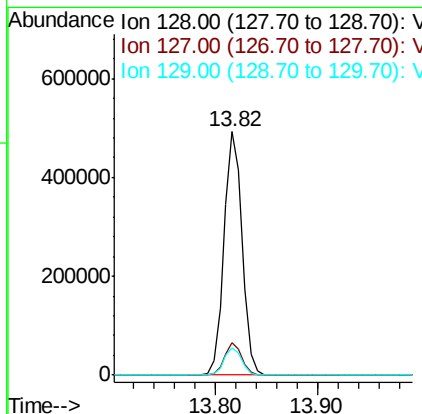
RT: 13.82 min Scan# 2088

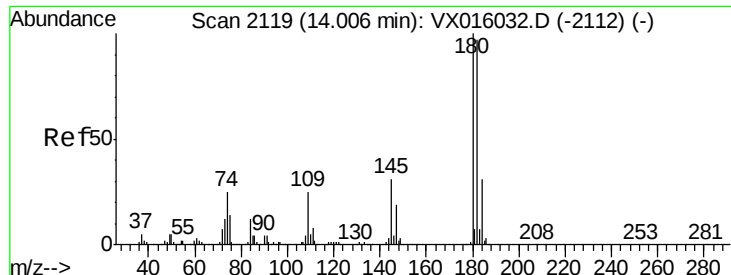
Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion:	128	Resp:	602916
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 42.361 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Tot Ion:	180	Resp:	165083
Ion Ratio	Lower	Upper	
180	100		
182	94.0	48.4	145.0
145	31.7	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:43:59 AM

