

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016541.D
 Acq On : 01 Jun 2020 19:54
 Operator : JC/SP
 Sample : L2802-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:34:49 AM

Quant Time: Jun 02 03:38:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194907	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158131	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
35) Dibromofluoromethane	5.46	113	126200	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.70	98	479360	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
62) 4-Bromofluorobenzene	11.12	95	185003	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	127218	47.874	ug/l	97
3) Chloromethane	1.31	50	142634	44.416	ug/l	98
4) Vinyl Chloride	1.39	62	168175	49.521	ug/l	99
5) Bromomethane	1.62	94	66715	40.403	ug/l	100
6) Chloroethane	1.70	64	98185	49.563	ug/l	99
7) Trichlorofluoromethane	1.91	101	213455	47.860	ug/l	99
8) Diethyl Ether	2.17	74	93066	50.043	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119053	48.501	ug/l	98
10) Methyl Iodide	2.49	142	85694	30.491	ug/l	98
11) Tert butyl alcohol	3.02	59	225681	262.448	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126957	48.863	ug/l	99
13) Acrolein	2.27	56	106784	291.924	ug/l	96
14) Allyl chloride	2.70	41	228901	47.904	ug/l	98
15) Acrylonitrile	3.12	53	448598	254.673	ug/l	99
16) Acetone	2.42	43	385598	262.456	ug/l	96
17) Carbon Disulfide	2.55	76	367265	47.599	ug/l	99
18) Methyl Acetate	2.75	43	208083	55.221	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	470290	50.407	ug/l	98
20) Methylene Chloride	2.83	84	147794	48.622	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	141623	49.278	ug/l	96
22) Diisopropyl ether	3.82	45	446431	48.635	ug/l	98
23) Vinyl Acetate	3.78	43	1987188	247.327	ug/l	99
24) 1,1-Dichloroethane	3.67	63	255238	49.265	ug/l	99
25) 2-Butanone	4.64	43	635253	255.175	ug/l	97
26) 2,2-Dichloropropane	4.55	77	187849	44.310	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	168936	50.811	ug/l	98
28) Bromochloromethane	4.98	49	111695	46.393	ug/l	94
29) Tetrahydrofuran	5.09	42	416971	259.258	ug/l	98
30) Chloroform	5.18	83	257397	49.307	ug/l	98
31) Cyclohexane	5.55	56	209830	45.019	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	228533	48.355	ug/l	99
36) 1,1-Dichloropropene	5.77	75	189735	46.994	ug/l	99
37) Ethyl Acetate	4.79	43	232767	48.020	ug/l	98
38) Carbon Tetrachloride	5.75	117	197285	46.497	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	213222	48.621	ug/l	99
40) Benzene	6.11	78	581621	48.374	ug/l	100
41) Methacrylonitrile	5.00	41	126670	47.574	ug/l	98
42) 1,2-Dichloroethane	6.17	62	204467	47.819	ug/l	99
43) Isopropyl Acetate	6.41	43	369069	48.813	ug/l	98
44) Trichloroethene	7.19	130	163860	42.954	ug/l	98
45) 1,2-Dichloropropane	7.49	63	152322	49.764	ug/l	98
46) Dibromomethane	7.64	93	101498	49.369	ug/l	99
47) Bromodichloromethane	7.88	83	207964	48.853	ug/l	99
48) Methyl methacrylate	7.74	41	179908	49.696	ug/l	98
49) 1,4-Dioxane	7.71	88	86222	1017.712	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1203199	255.570	ug/l	99
52) Toluene	8.77	92	371852	49.045	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238820	49.338	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	250783	48.947	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	151509	50.259	ug/l	98
56) Ethyl methacrylate	9.16	69	254629	51.864	ug/l	98
57) 1,3-Dichloropropane	9.35	76	259303	50.113	ug/l	99
59) 2-Hexanone	9.48	43	947764	258.872	ug/l	98
60) Dibromochloromethane	9.57	129	169221	49.882	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163182	50.550	ug/l	98
64) Tetrachloroethene	9.32	164	169289	38.792	ug/l	99
65) Chlorobenzene	10.12	112	386985	48.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149537	49.261	ug/l	99
67) Ethyl Benzene	10.24	91	679824	48.015	ug/l	100
68) m/p-Xylenes	10.34	106	514100	97.931	ug/l	99
69) o-Xylene	10.68	106	246923	48.569	ug/l	99
70) Styrene	10.70	104	435607	49.848	ug/l	100
71) Bromoform	10.84	173	131774	51.363	ug/l #	99
73) Isopropylbenzene	11.00	105	655091	48.508	ug/l	100
74) N-amyl acetate	10.88	43	312918	50.375	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	205330	60.667	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	219269m	51.181	ug/l	
77) Bromobenzene	11.24	156	171398	48.390	ug/l	98
78) n-propylbenzene	11.34	91	741783	49.165	ug/l	100
79) 2-Chlorotoluene	11.40	91	448016	48.647	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	552596	49.005	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85166	48.900	ug/l	97
82) 4-Chlorotoluene	11.49	91	524836	48.259	ug/l	100
83) tert-Butylbenzene	11.76	119	505313	52.445	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	564316	49.485	ug/l	100
85) sec-Butylbenzene	11.93	105	603626	49.941	ug/l	100
86) p-Isopropyltoluene	12.05	119	574033	50.700	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	293727	47.865	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	300398	47.864	ug/l	99
89) n-Butylbenzene	12.37	91	484350	51.359	ug/l	99
90) Hexachloroethane	12.58	117	97450	49.830	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	285305	47.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54979	50.150	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	186325	47.189	ug/l	98

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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	75146	48.473	ug/l	97
95) Naphthalene	13.82	128	612094	45.220	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176700	45.678	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion:168 Resp: 270026

Ion Ratio Lower Upper

168 100

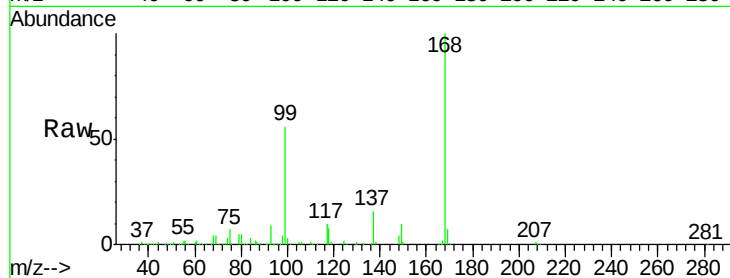
99 55.8 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

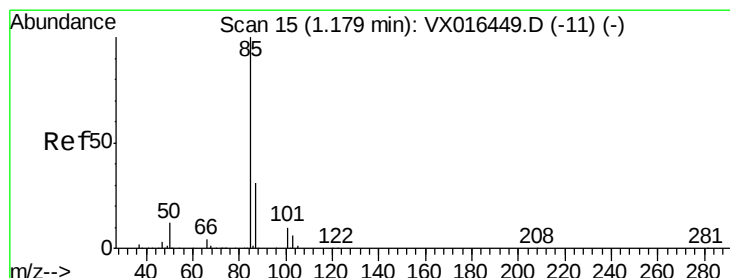
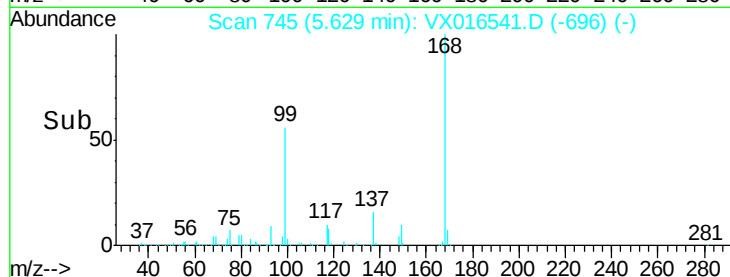
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.874 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX016541.D

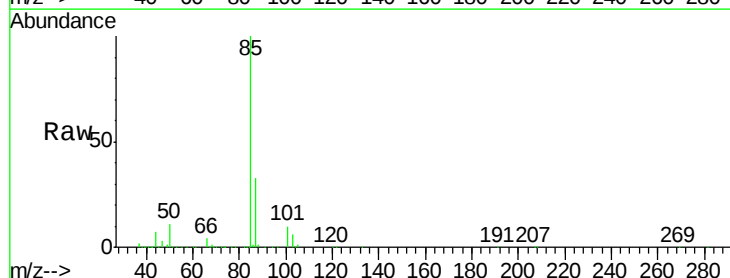
Acq: 01 Jun 2020 19:54

Tgt Ion: 85 Resp: 127218

Ion Ratio Lower Upper

85 100

87 32.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

50000

0

1.10

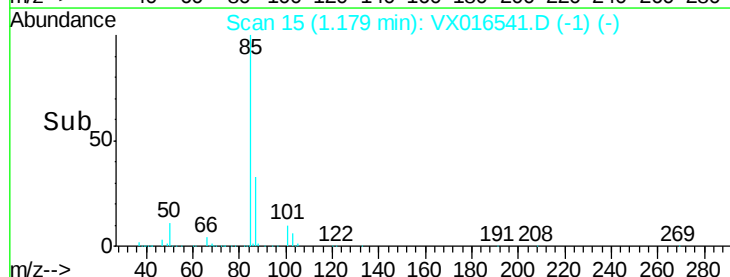
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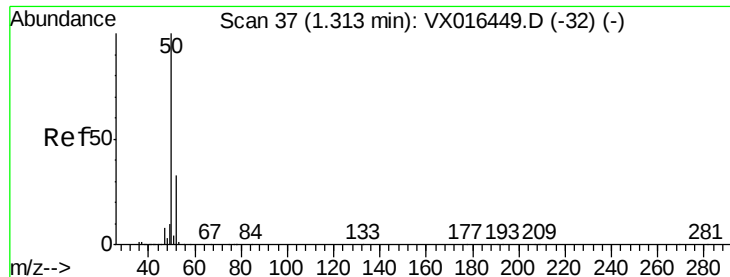
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 44.416 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 50 Resp: 142634

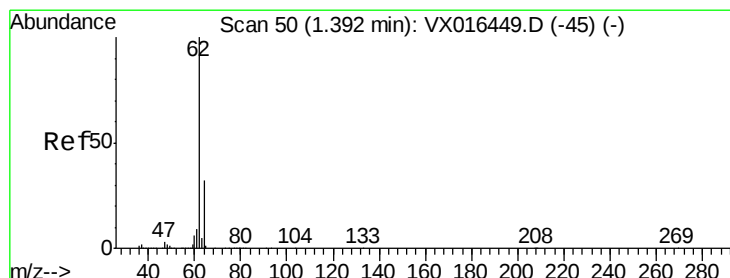
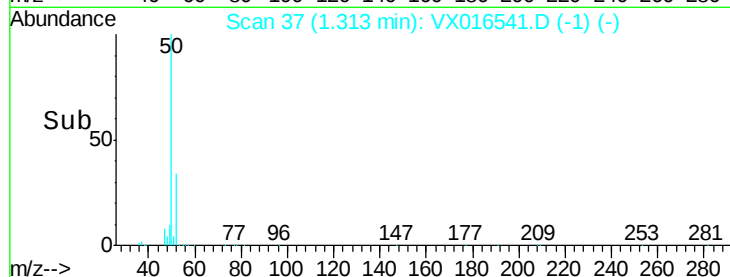
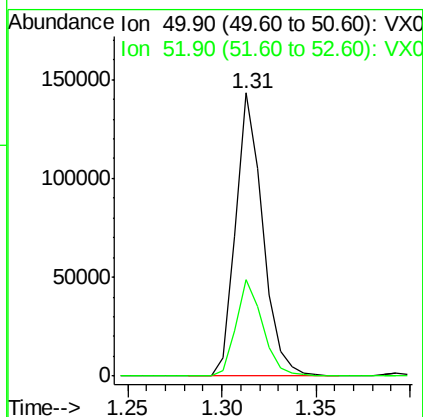
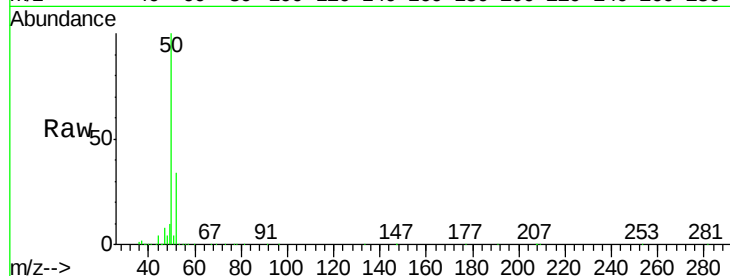
Ion Ratio Lower Upper

50 100

52 33.9 26.2 39.2

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#4

Vinyl Chloride

Concen: 49.521 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016541.D

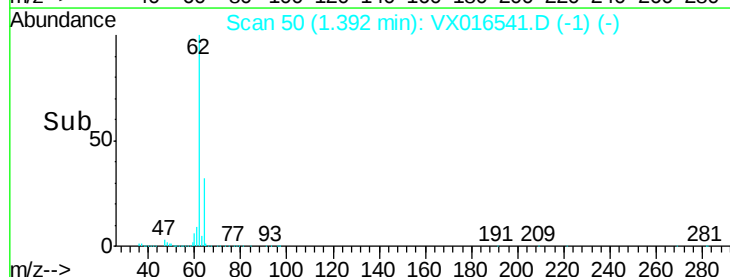
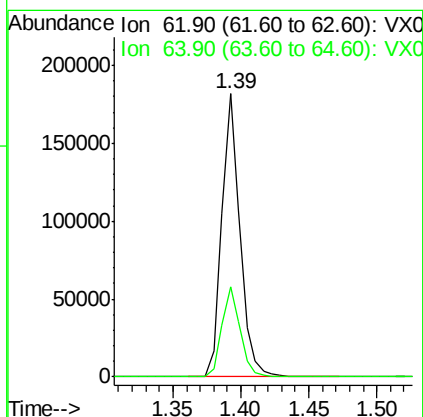
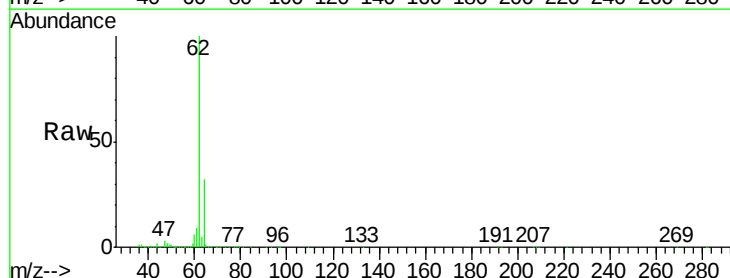
Acq: 01 Jun 2020 19:54

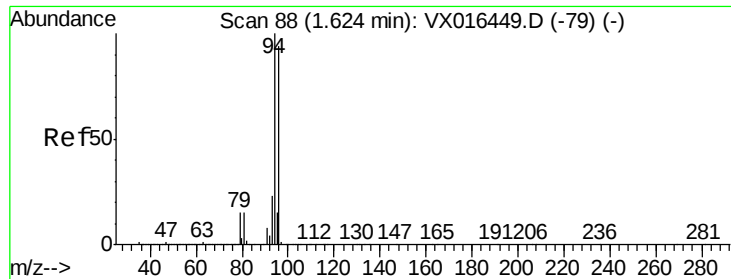
Tgt Ion: 62 Resp: 168175

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 40.403 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 94 Resp: 66715

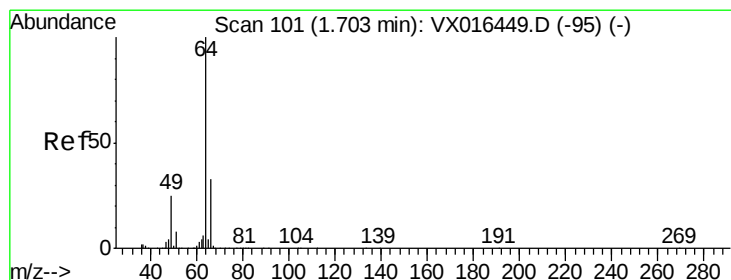
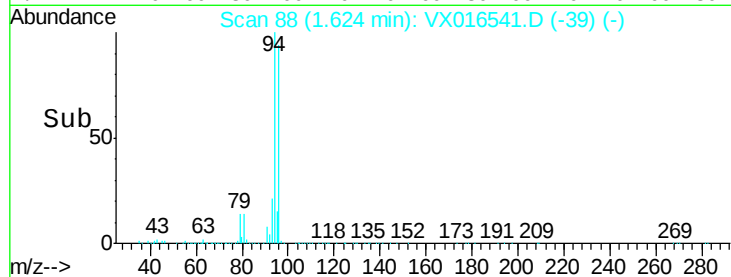
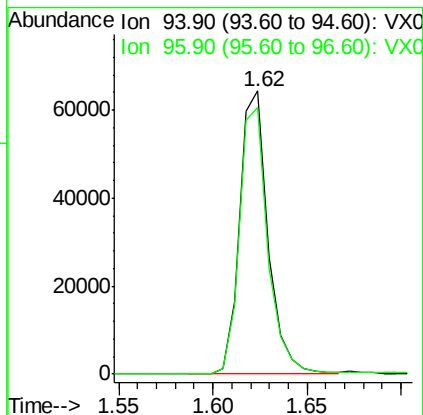
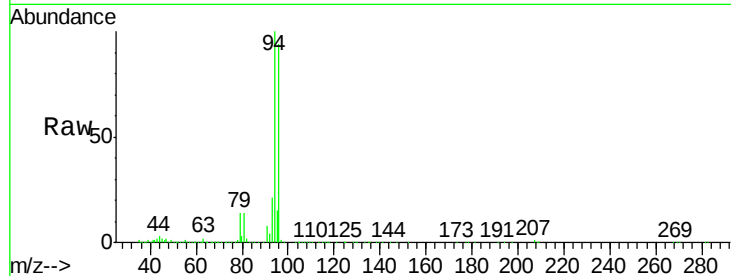
Ion Ratio Lower Upper

94 100

96 94.1 75.1 112.7

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#6

Chloroethane

Concen: 49.563 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016541.D

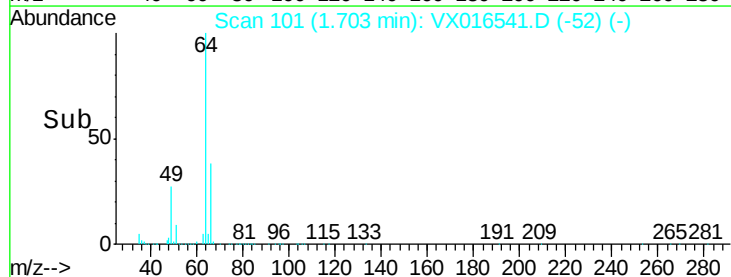
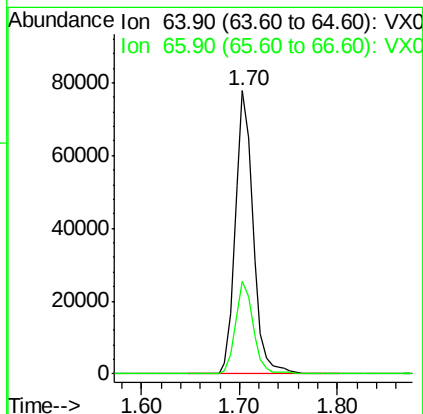
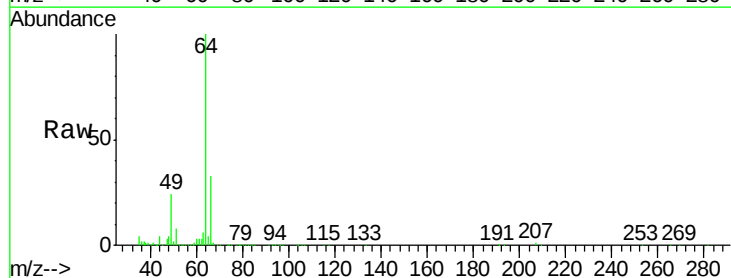
Acq: 01 Jun 2020 19:54

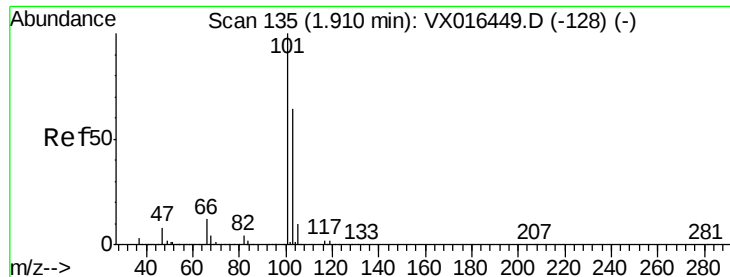
Tgt Ion: 64 Resp: 98185

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1





#7

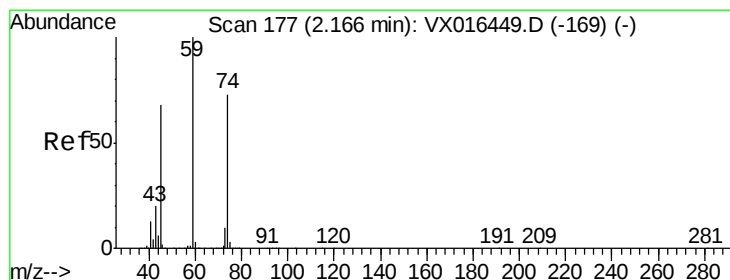
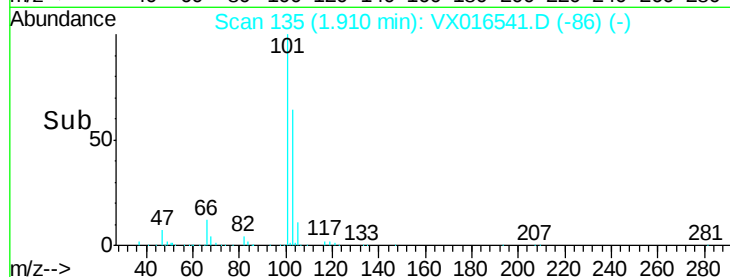
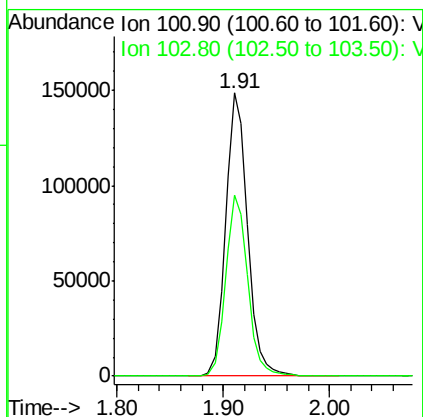
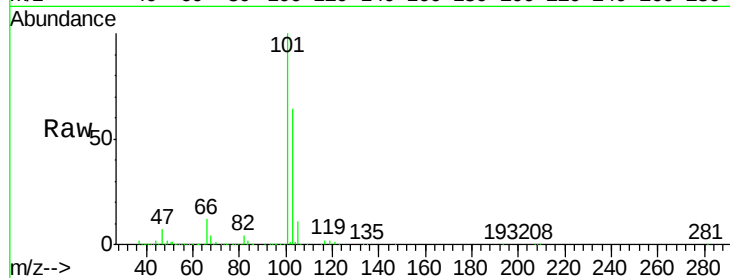
Trichlorofluoromethane
Concen: 47.860 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.9	76.3

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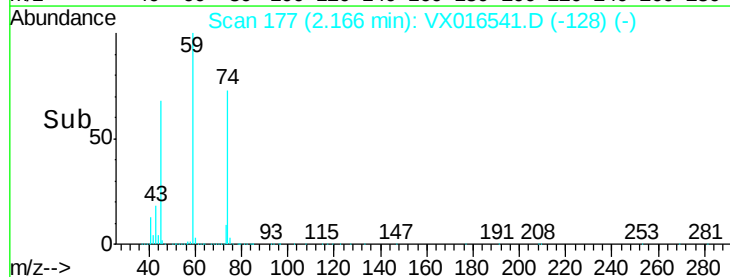
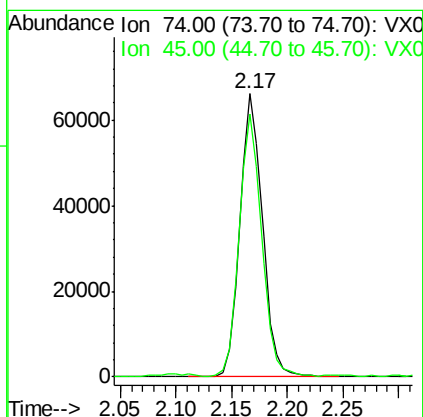
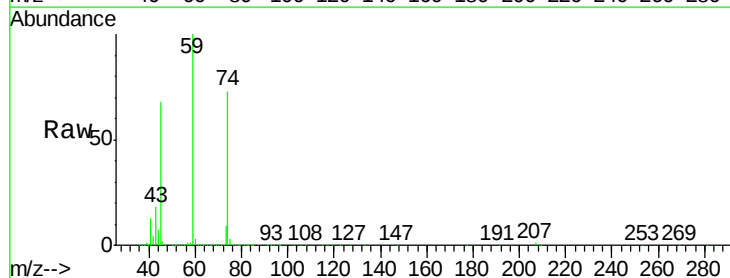
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#8

Diethyl Ether
Concen: 50.043 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.6	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.501 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

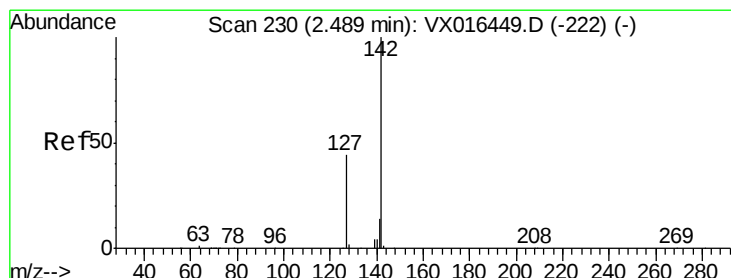
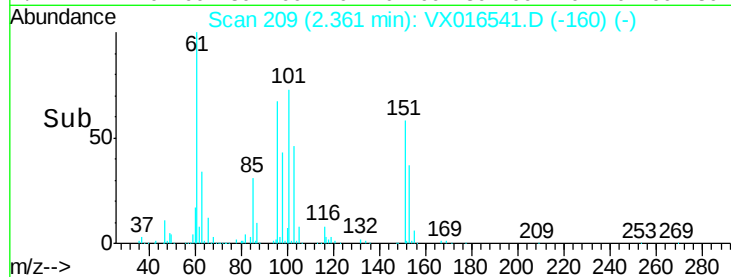
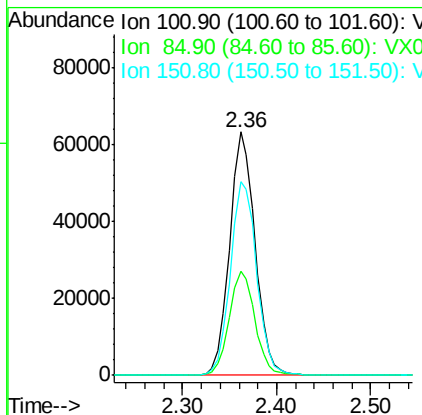
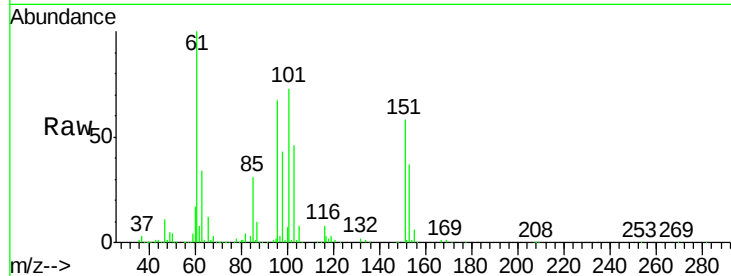
ClientSampleId :

SS050MW113-200527MS

Tot Ion:	101	Resp:	119053
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.4	51.6
151	81.9	63.8	95.6

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#10

Methyl Iodide

Concen: 30.491 ug/l

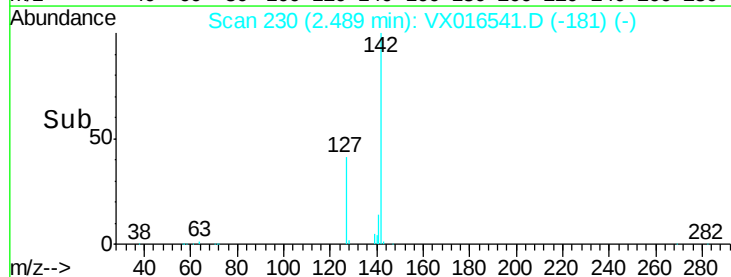
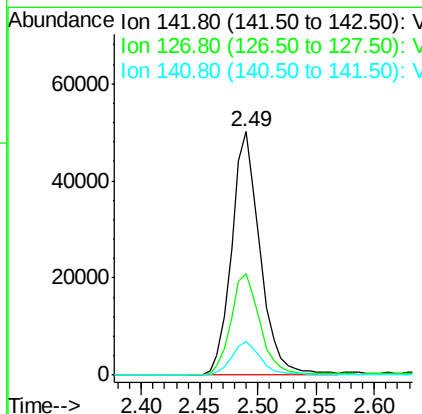
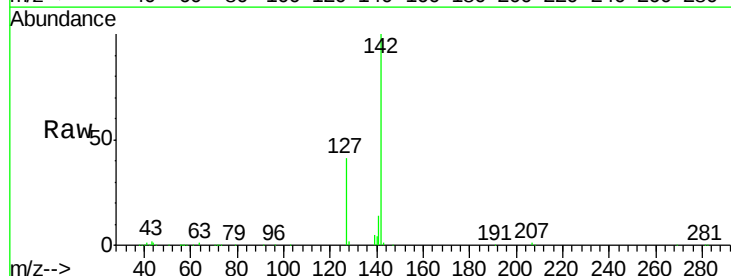
RT: 2.49 min Scan# 230

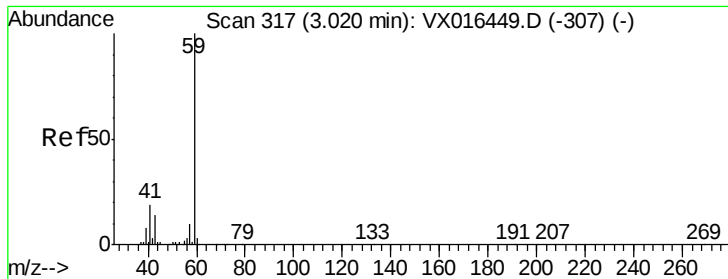
Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion:	142	Resp:	85694
Ion Ratio	Lower	Upper	
142	100		
127	42.8	35.3	52.9
141	14.2	11.4	17.2





#11

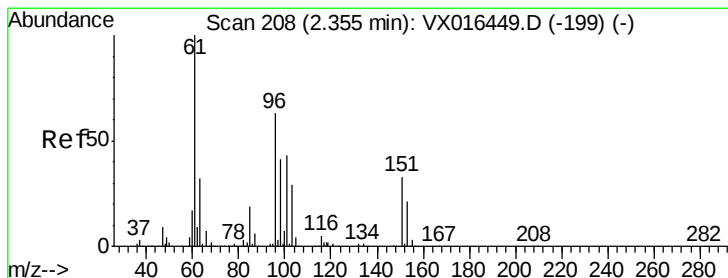
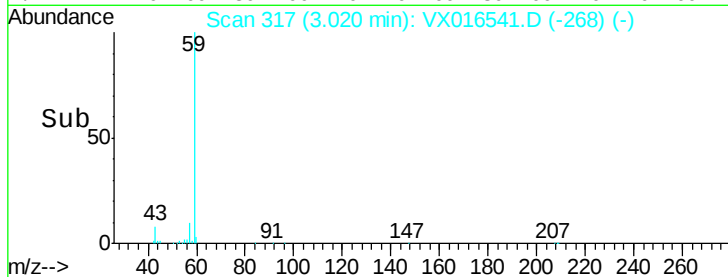
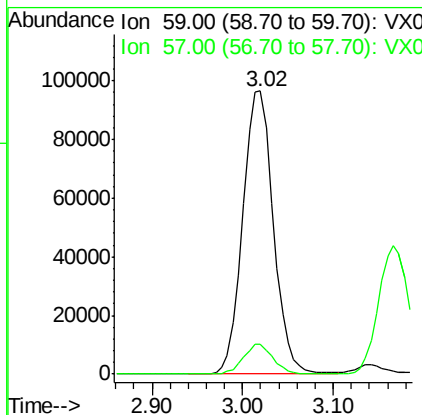
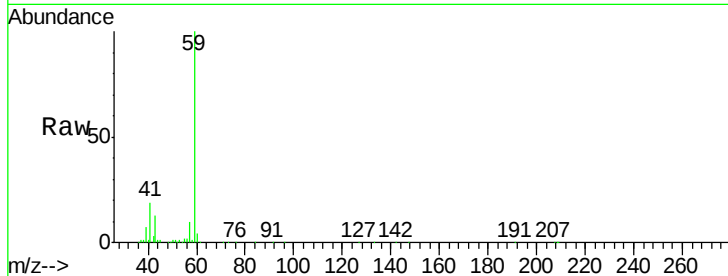
Tert butyl alcohol
Concen: 262.448 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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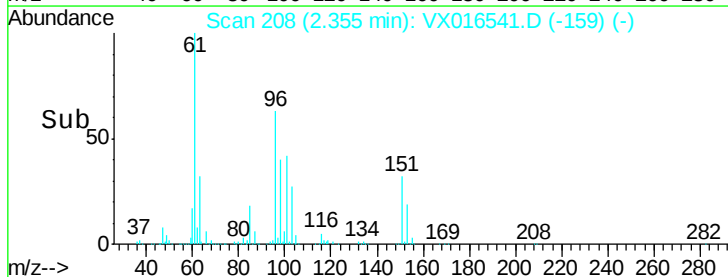
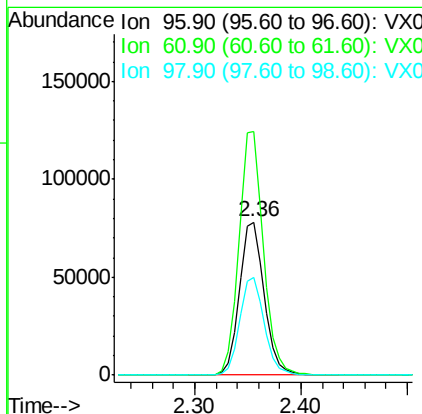
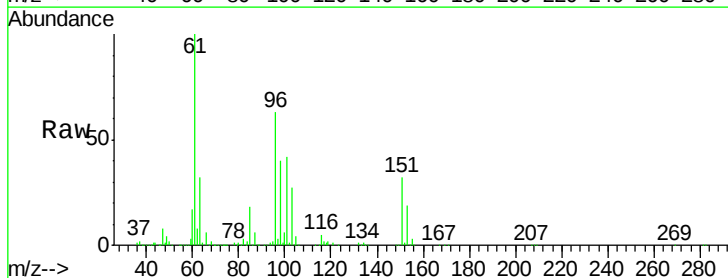
MMDadoda
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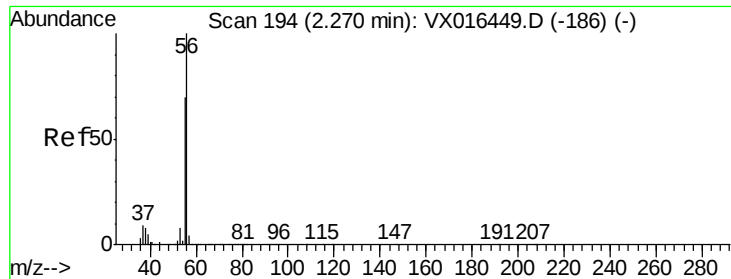


#12

1,1-Dichloroethene
Concen: 48.863 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	126.6	189.8
98	63.6	51.3	76.9





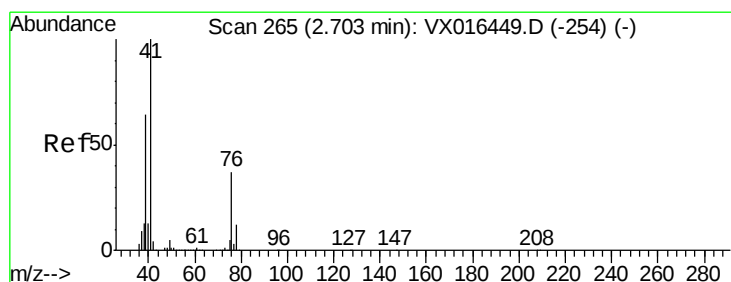
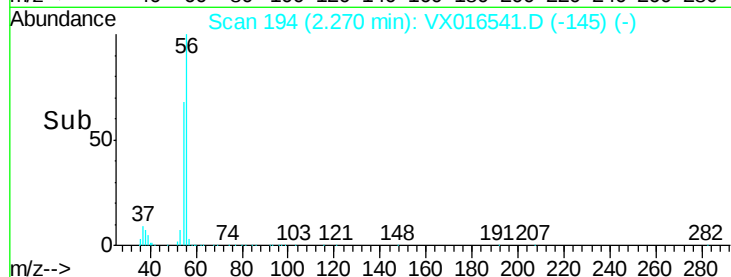
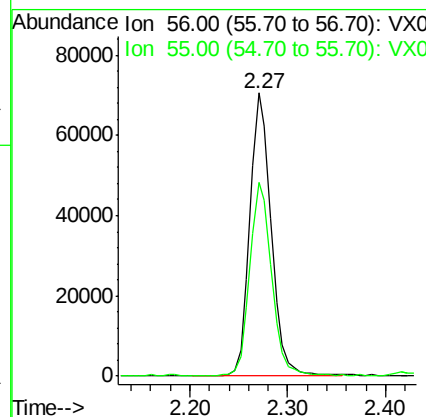
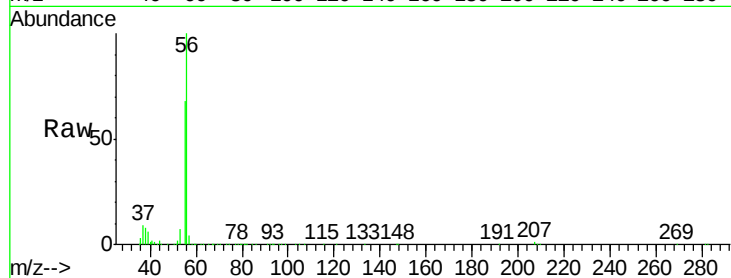
#13
Acrolein
Concen: 291.924 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	56	Resp	106784
Ion Ratio	100	Lower	Upper
55	69.7	58.3	87.5

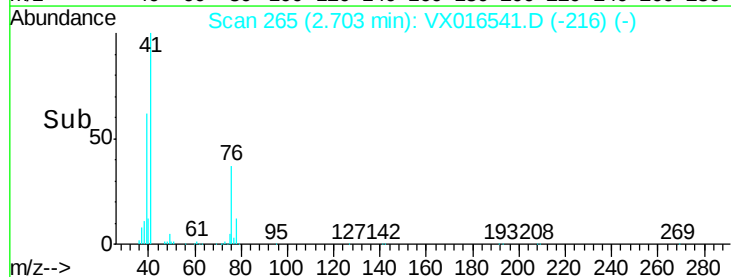
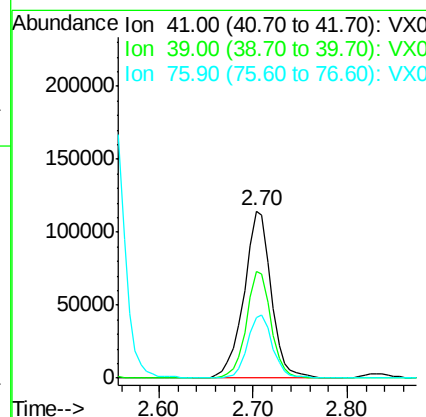
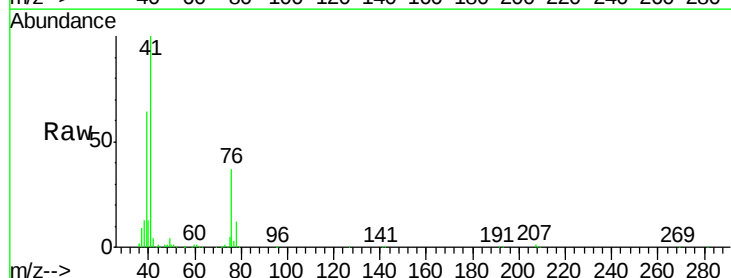
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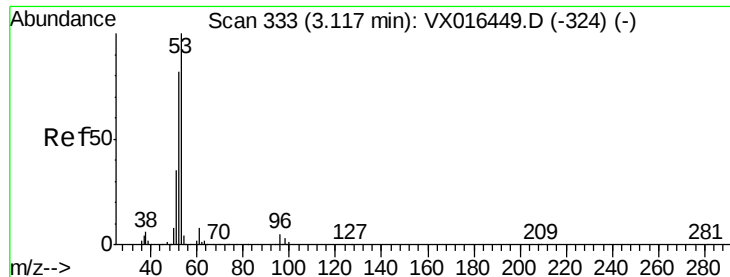
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#14
Allyl chloride
Concen: 47.904 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	41	Resp	228901
Ion Ratio	100	Lower	Upper
39	57.9	47.7	71.5
76	34.2	26.6	40.0





#15

Acrylonitrile

Concen: 254.673 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

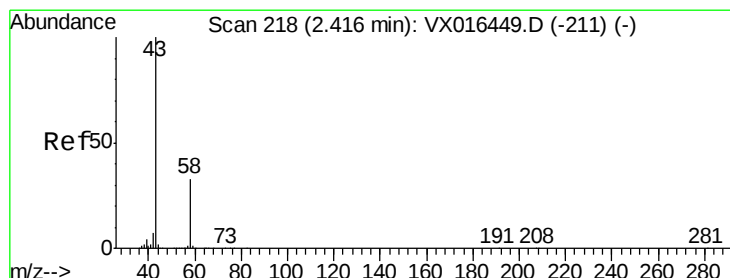
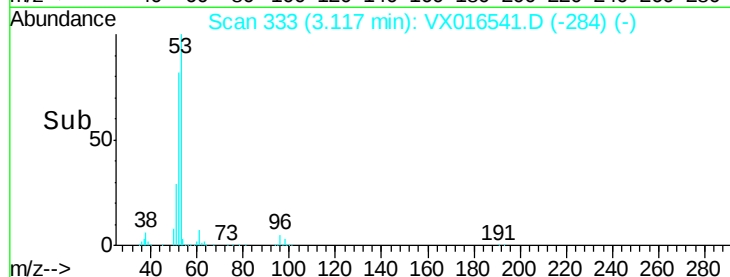
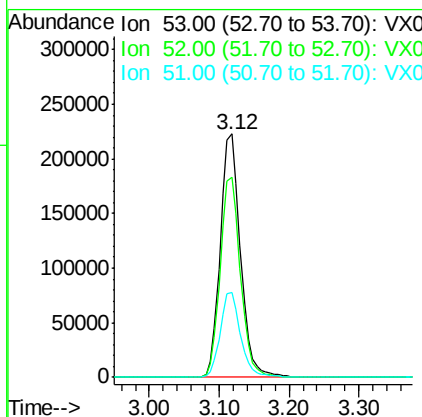
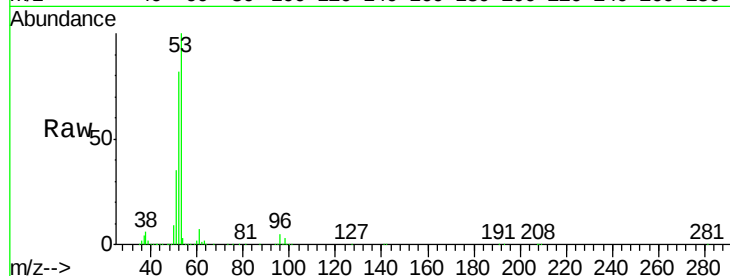
ClientSampleId :

SS050MW113-200527MS

Tot Ion:	53	Resp:	448598
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.7	100.1
51	35.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 262.456 ug/l

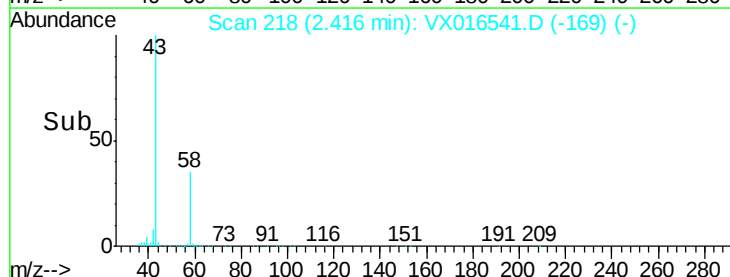
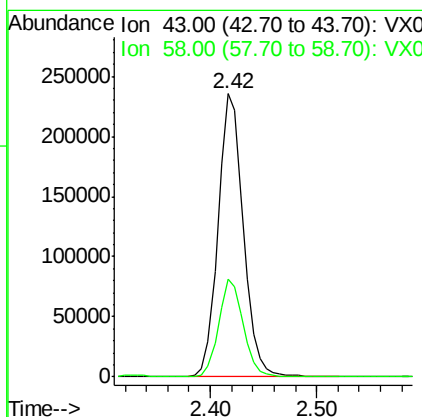
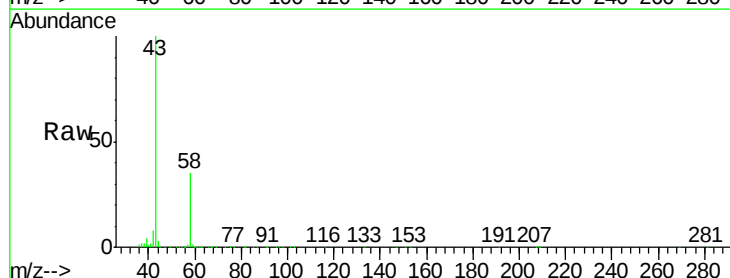
RT: 2.42 min Scan# 218

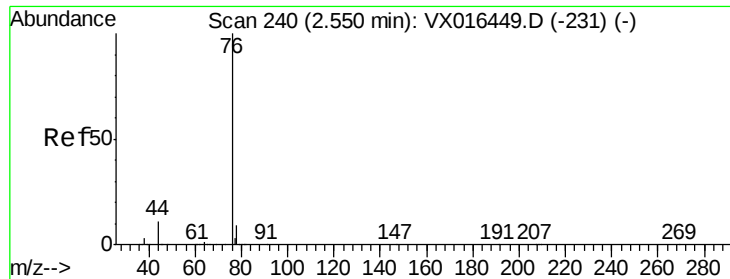
Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion:	43	Resp:	385598
Ion Ratio	Lower	Upper	
43	100		
58	34.7	26.1	39.1





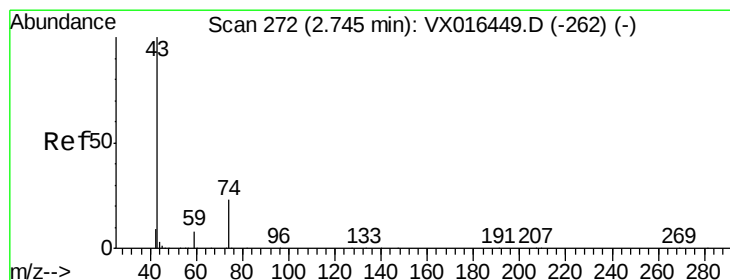
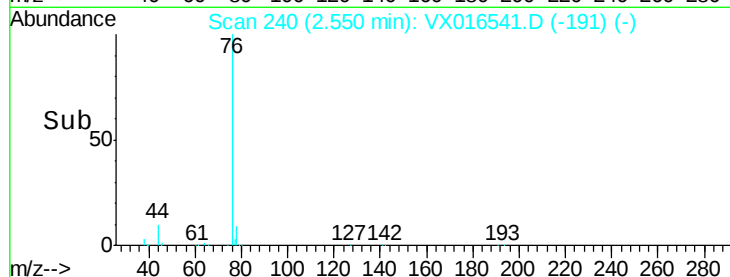
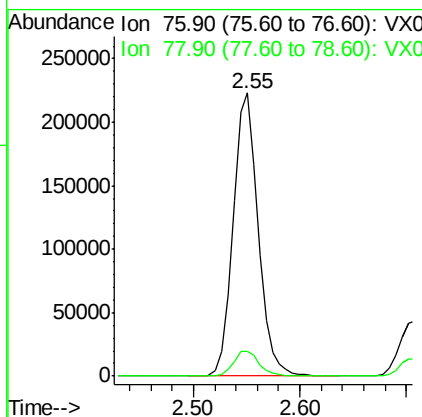
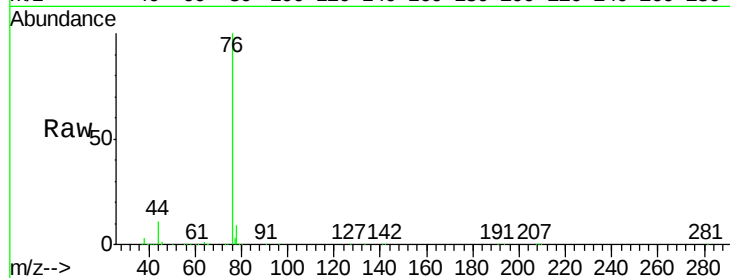
#17
Carbon Disulfide
Concen: 47.599 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

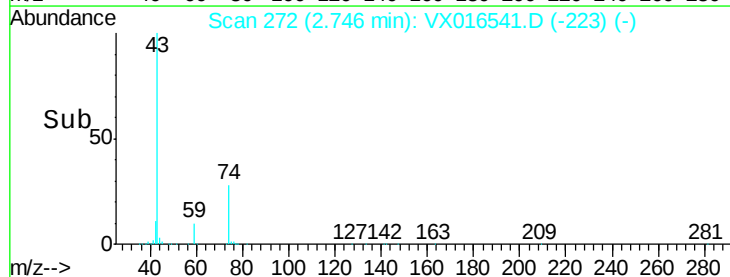
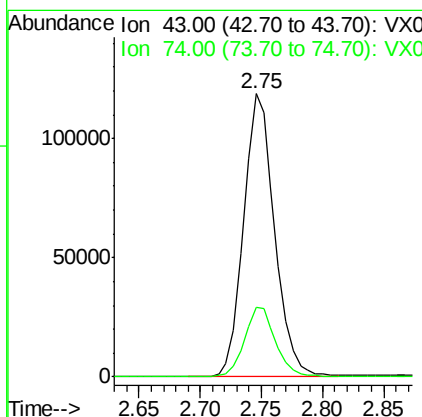
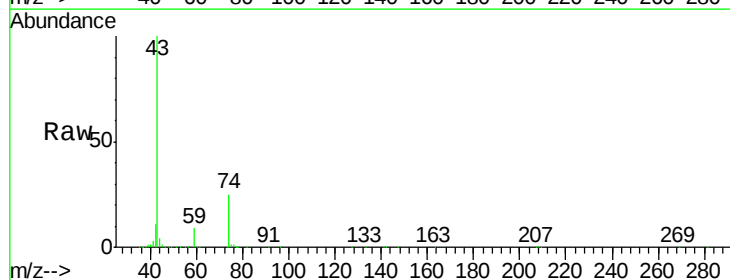
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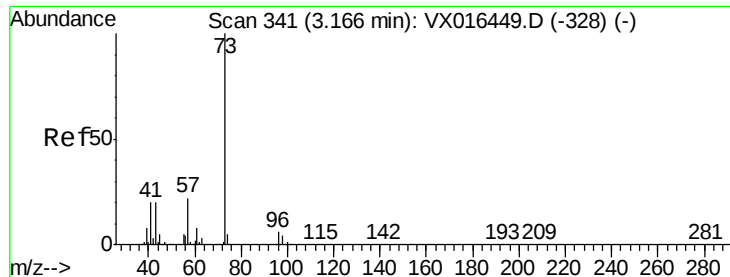
MMDadoda
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#18
Methyl Acetate
Concen: 55.221 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.7	29.5





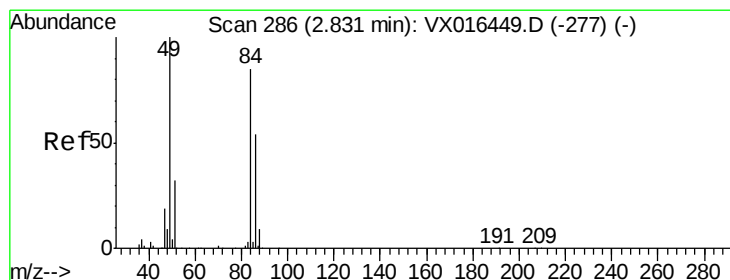
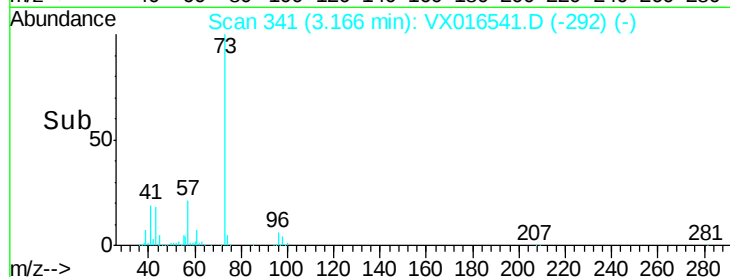
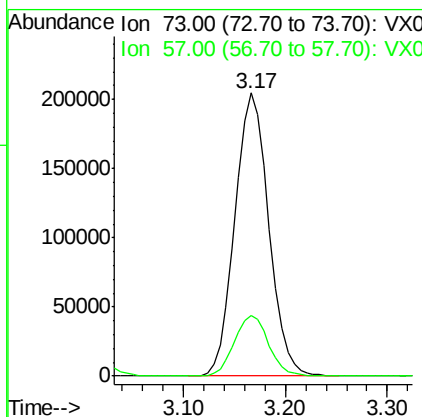
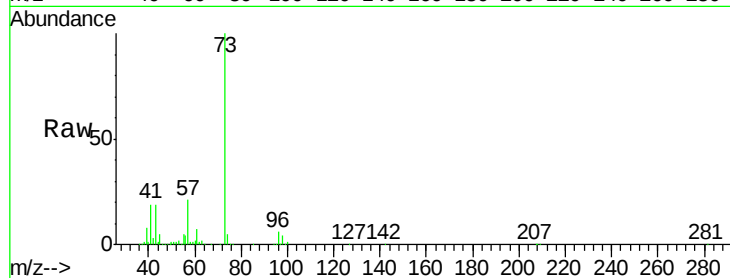
#19
Methyl tert-butyl Ether
Concen: 50.407 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.8	26.6

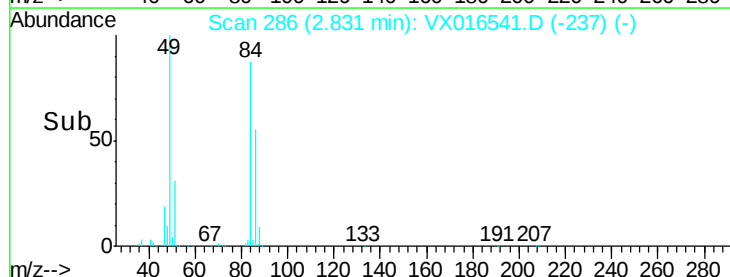
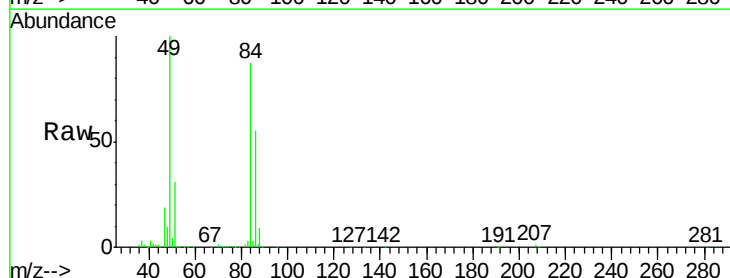
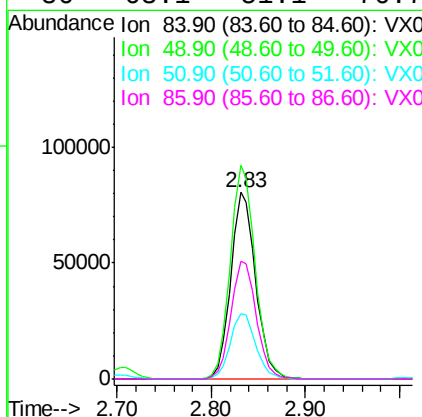
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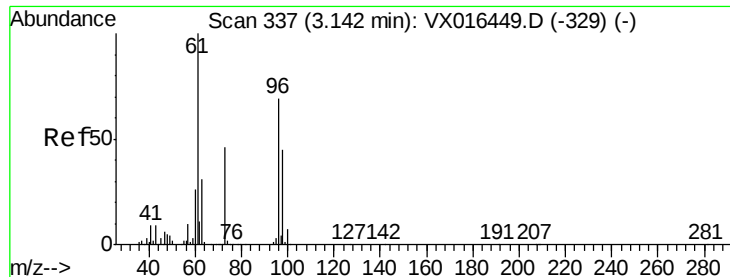
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#20
Methylene Chloride
Concen: 48.622 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.6	94.5	141.7
51	35.0	30.2	45.4
86	63.1	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 49.278 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

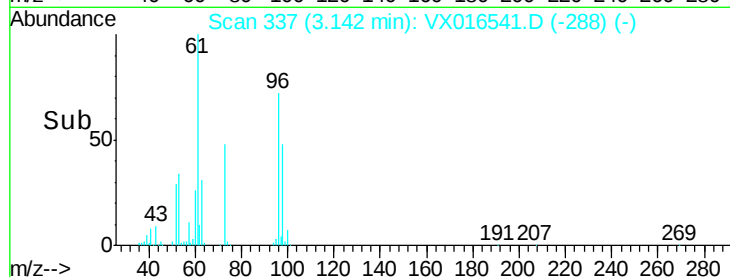
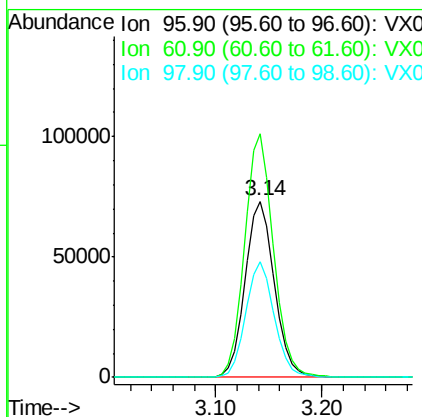
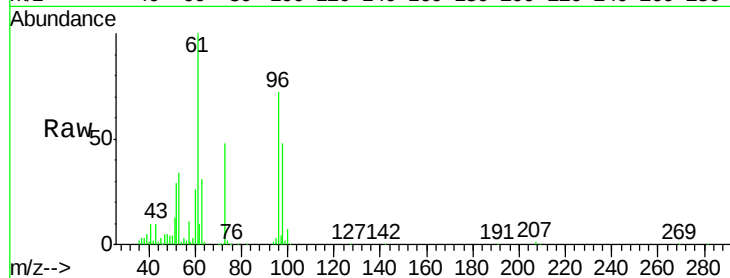
ClientSampleId :

SS050MW113-200527MS

Tot Ion:	96	Resp:	141623
Ion	Ratio	Lower	Upper
96	100		
61	138.2	115.3	172.9
98	65.7	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.635 ug/l

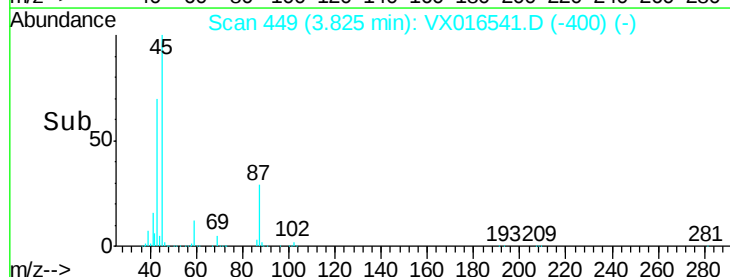
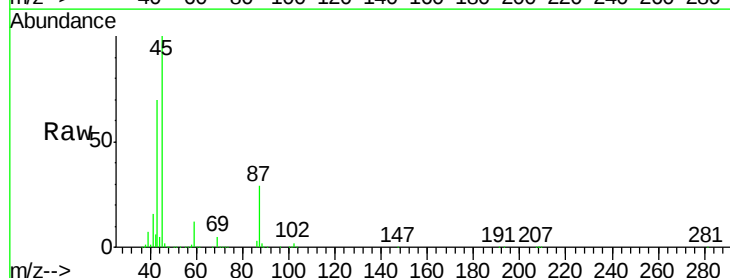
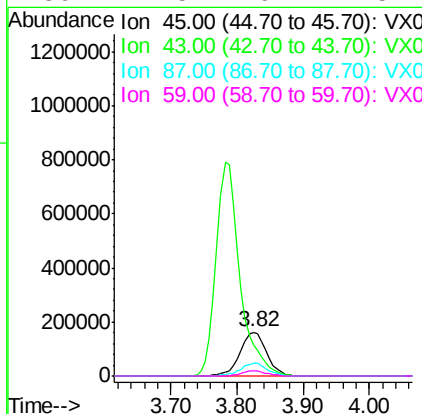
RT: 3.82 min Scan# 449

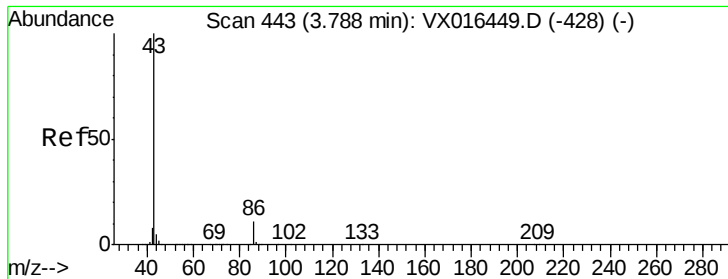
Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion:	45	Resp:	446431
Ion	Ratio	Lower	Upper
45	100		
43	69.6	57.0	85.6
87	29.1	22.5	33.7
59	12.5	9.1	13.7





#23

Vinyl Acetate

Concen: 247.327 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 43 Resp: 1987188

Ion Ratio Lower Upper

43 100

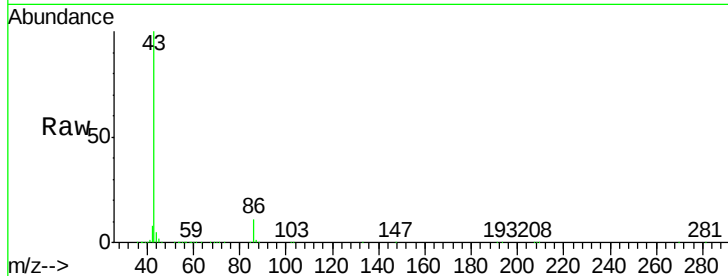
86 11.0 8.6 13.0

Manual Integrations

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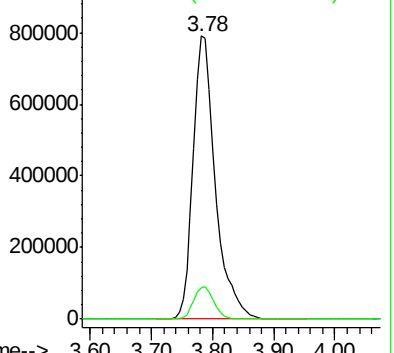
MMDadoda

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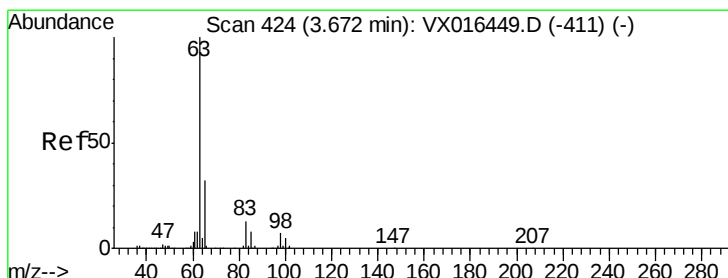
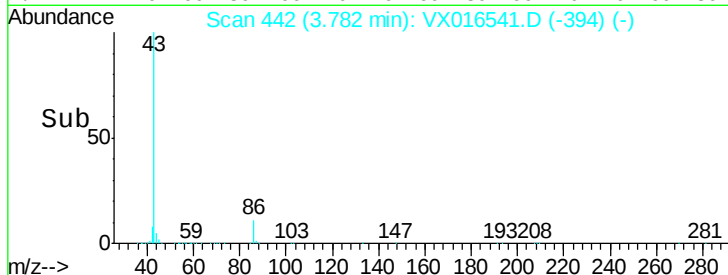


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 49.265 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

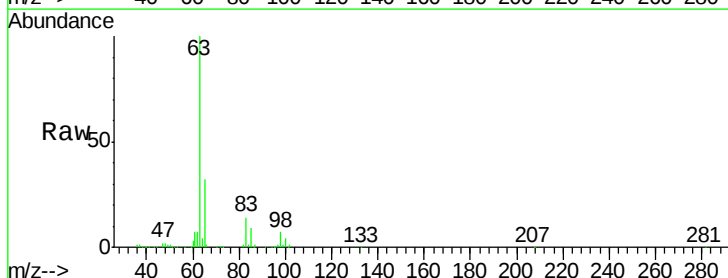
Tgt Ion: 63 Resp: 255238

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

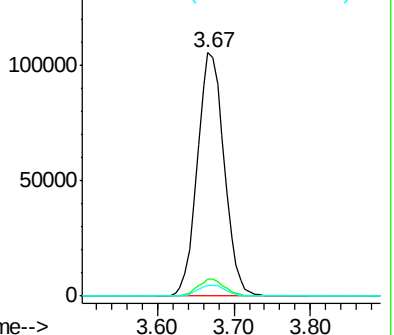
100 4.2 2.4 7.1



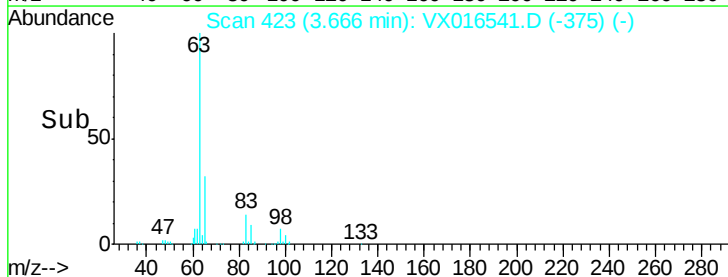
Abundance Ion 62.90 (62.60 to 63.60): VX0

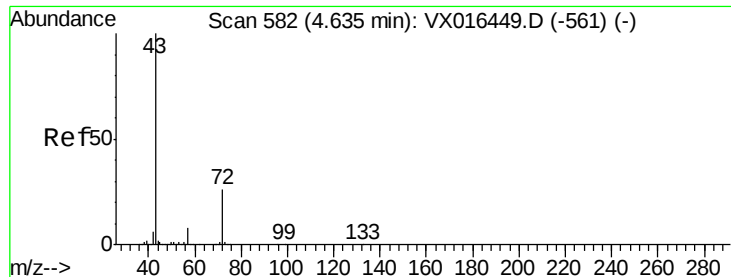
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 255.175 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 43 Resp: 635253

Ion Ratio Lower Upper

43 100

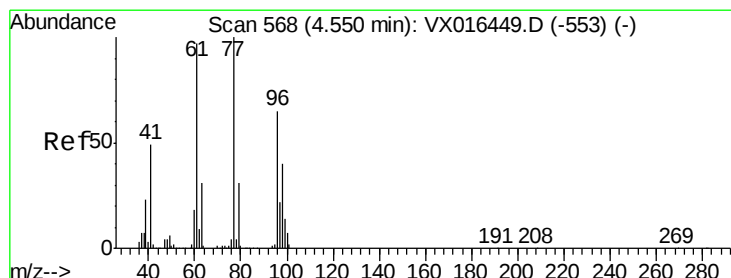
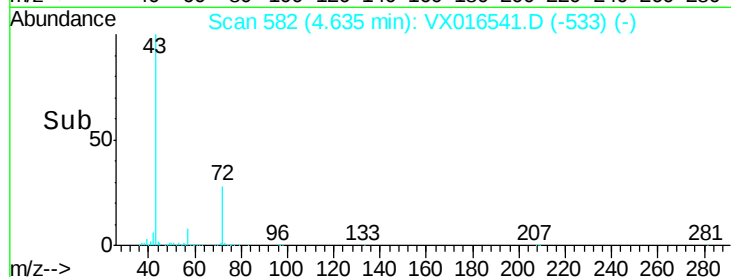
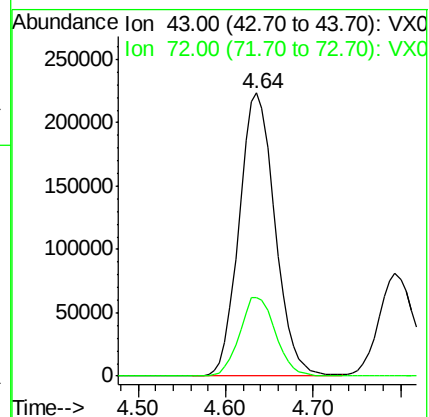
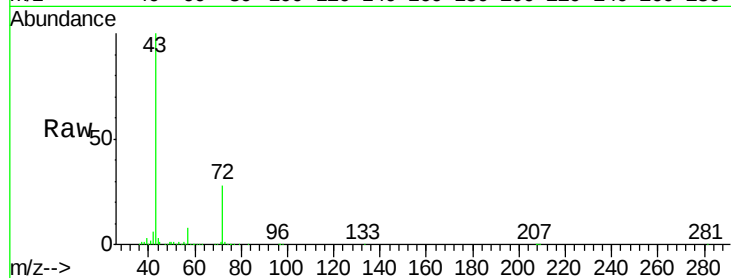
72 27.7 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 44.310 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016541.D

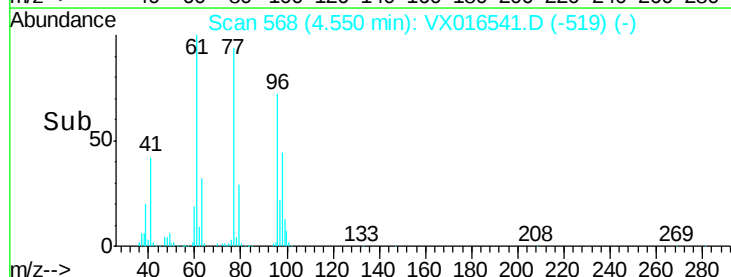
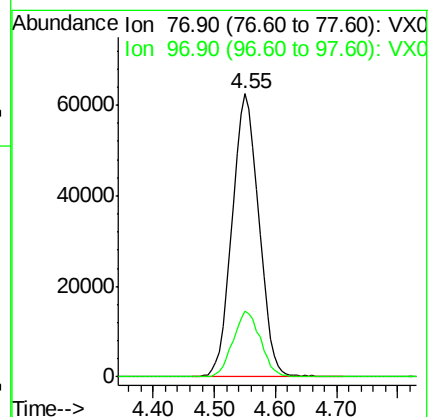
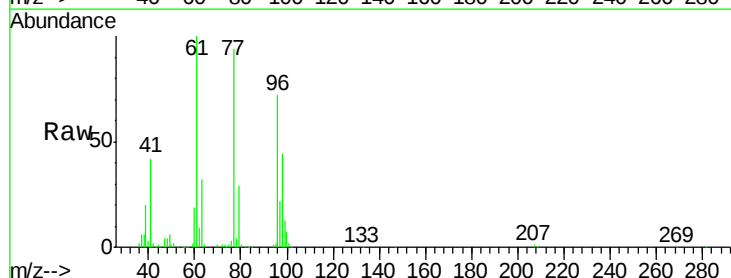
Acq: 01 Jun 2020 19:54

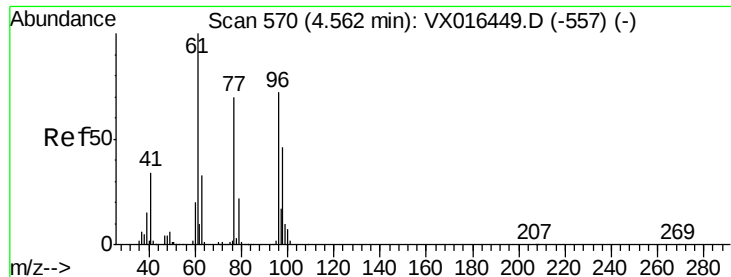
Tgt Ion: 77 Resp: 187849

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4





#27

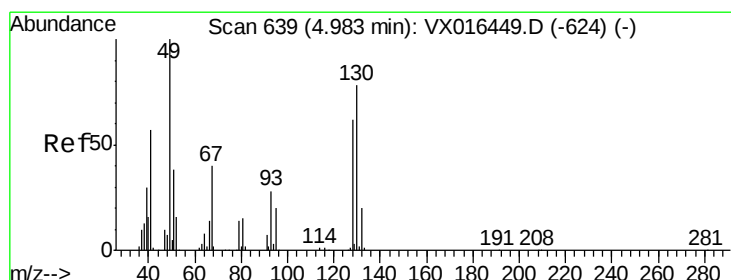
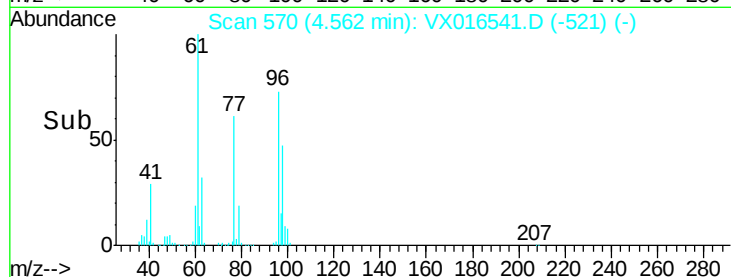
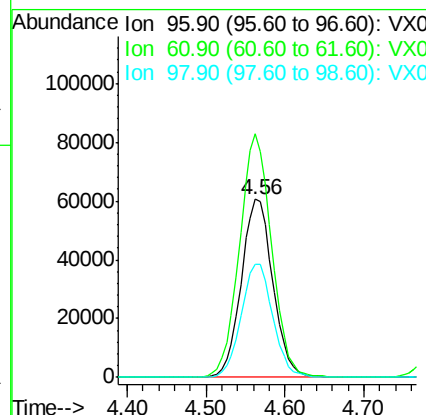
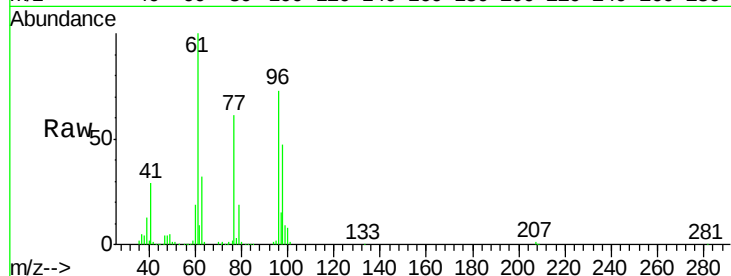
cis-1,2-Dichloroethene
Concen: 50.811 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168936		
61	138.6	0.0	284.6	
98	63.8	0.0	127.2	

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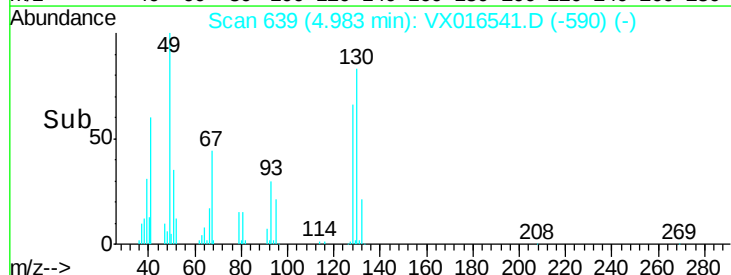
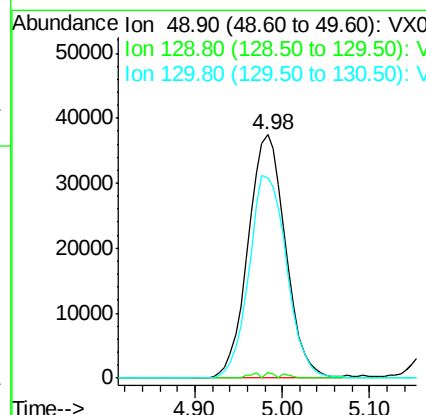
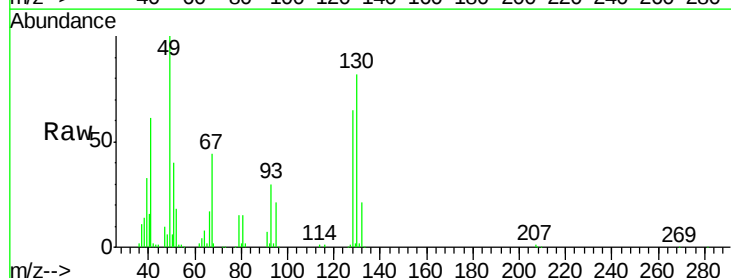
MMDadoda
6/2/2020 11:34:49 AM

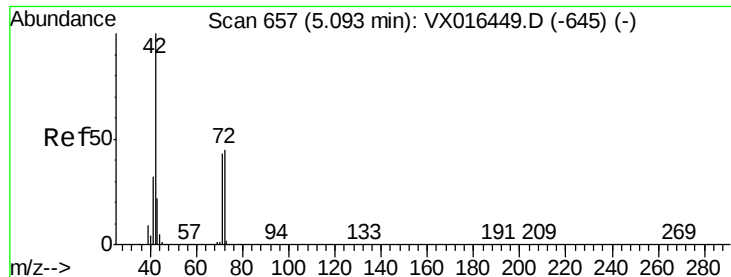


#28

Bromochloromethane
Concen: 46.393 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111695		
129	0.5	0.0	4.0	
130	84.0	63.0	94.4	





#29

Tetrahydrofuran

Concen: 259.258 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

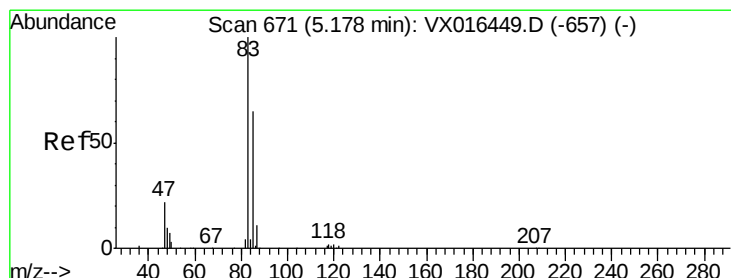
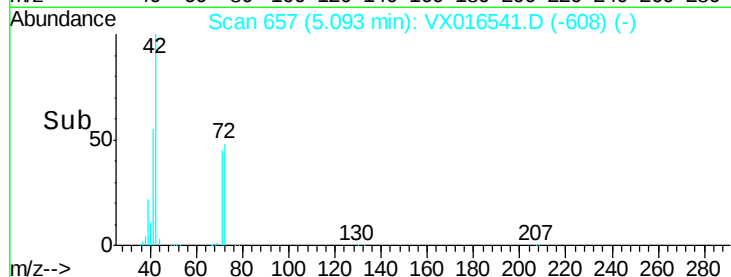
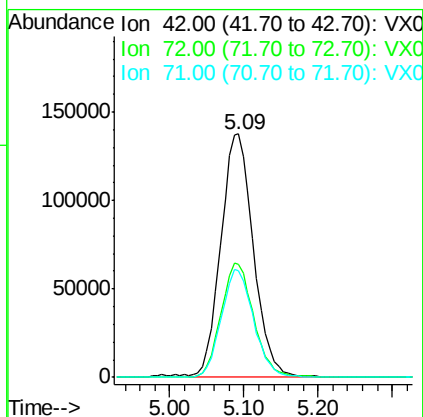
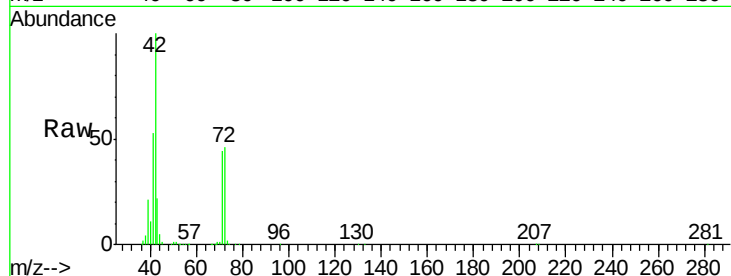
ClientSampleId :

SS050MW113-200527MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100		416971		
72	47.5	37.0	55.4		
71	44.2	34.1	51.1		

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6/2/2020 11:34:49 AM



#30

Chloroform

Concen: 49.307 ug/l

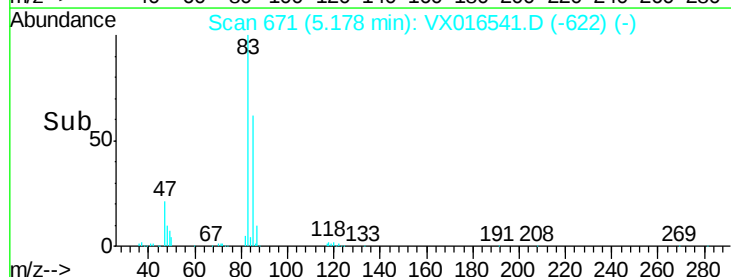
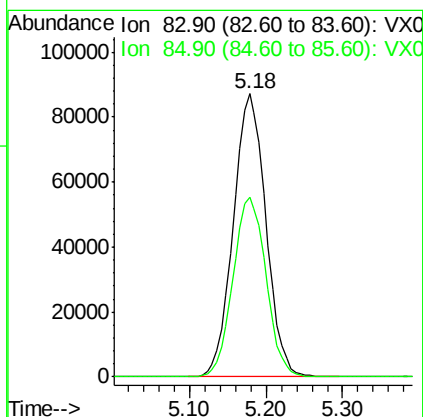
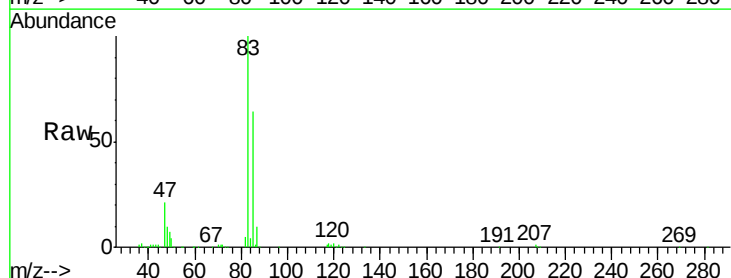
RT: 5.18 min Scan# 671

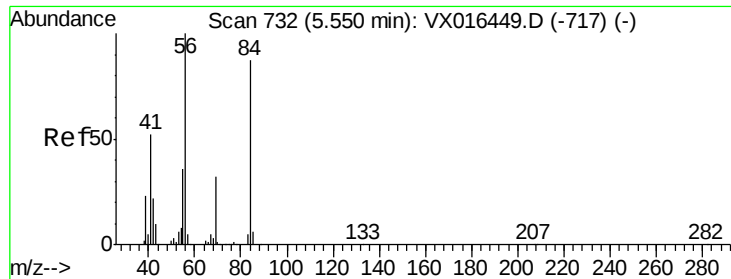
Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		257397		
85	63.5	52.0	78.0		





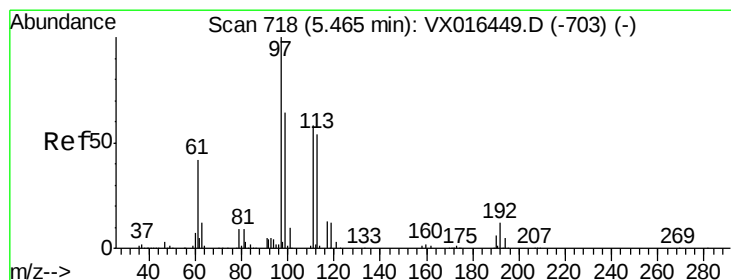
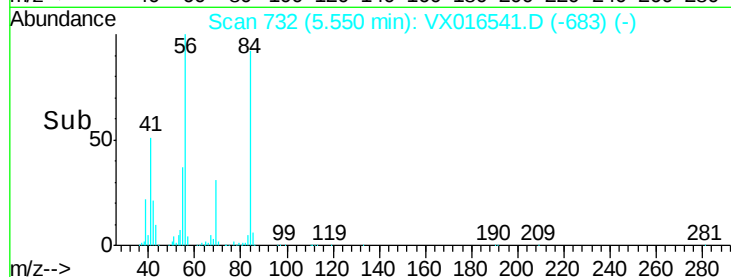
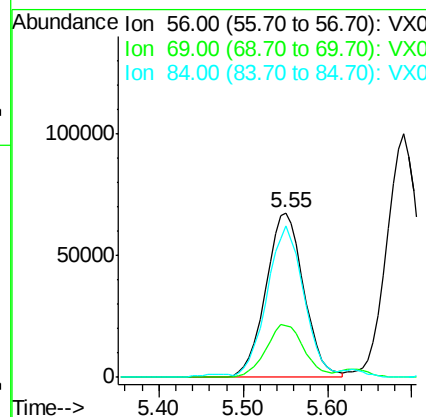
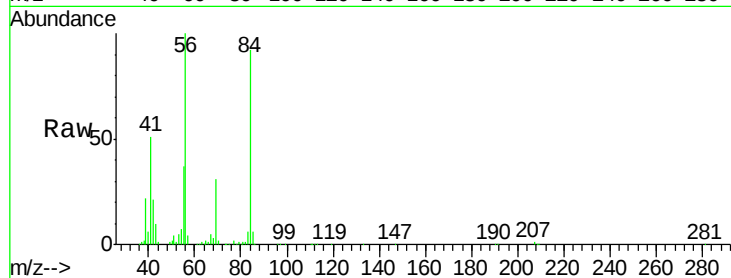
#31
Cyclohexane
Concen: 45.019 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.7	38.5
84	91.3	70.0	105.0

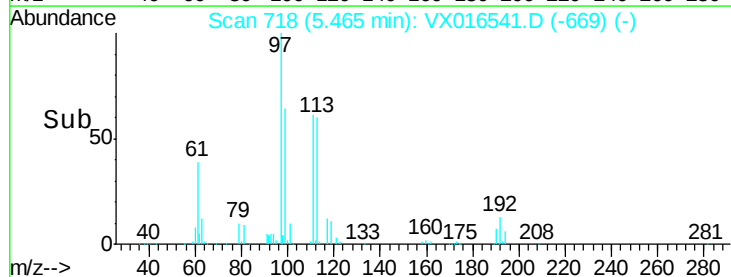
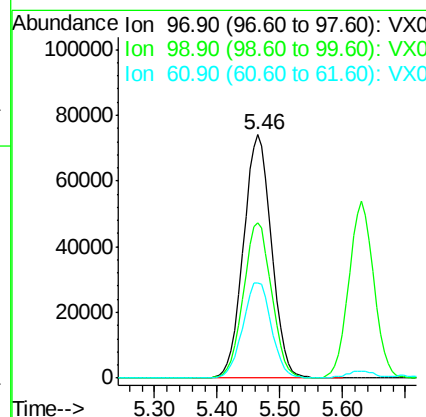
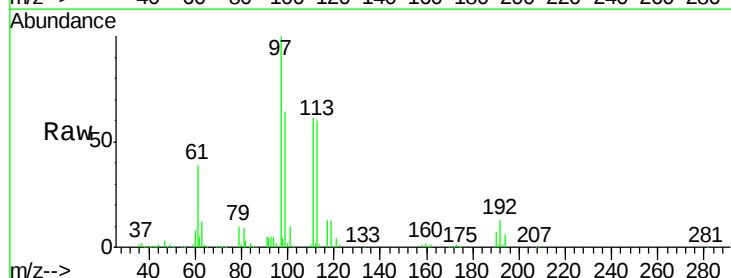
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#32
1,1,1-Trichloroethane
Concen: 48.355 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	40.2	33.5	50.3





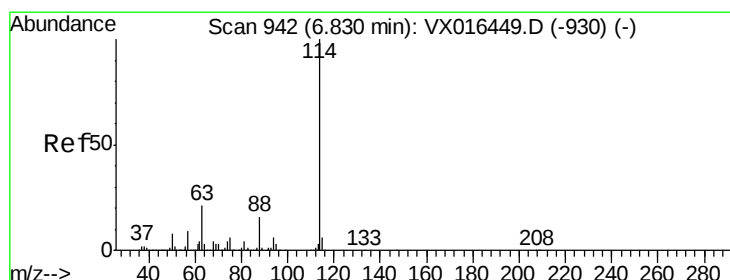
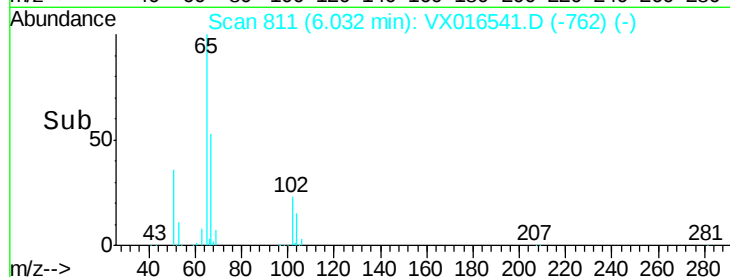
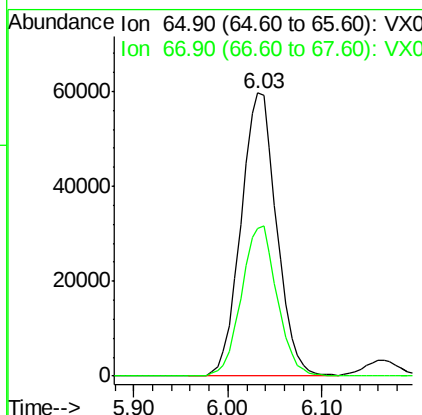
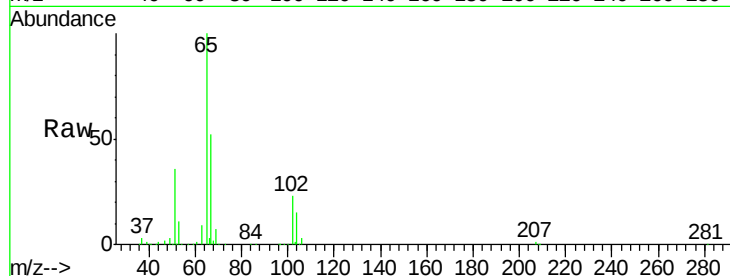
#33
 1,2-Dichloroethane-d4
 Concen: 47.156 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	104.8	

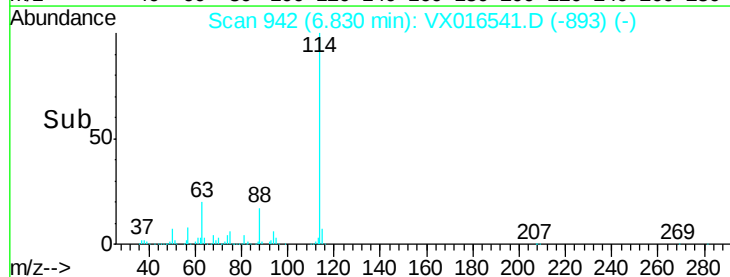
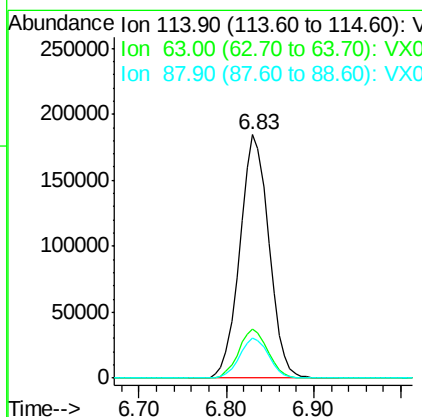
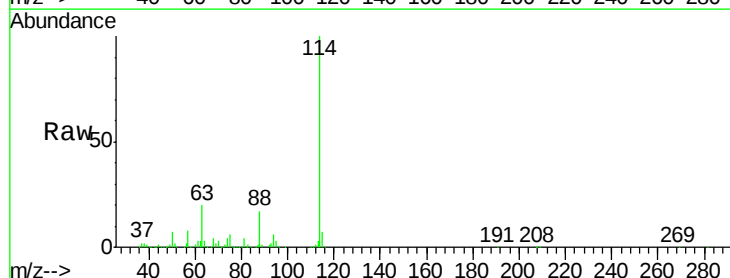
Manual Integrations
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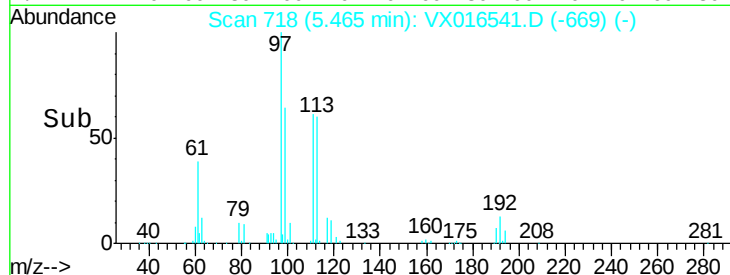
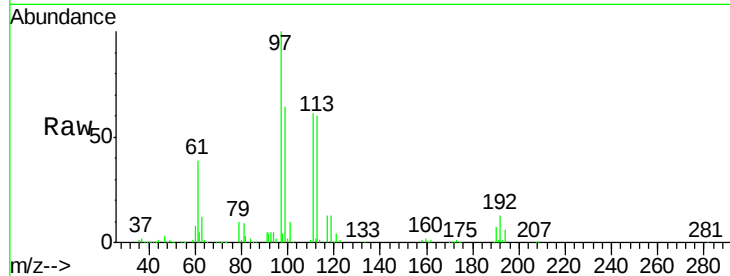
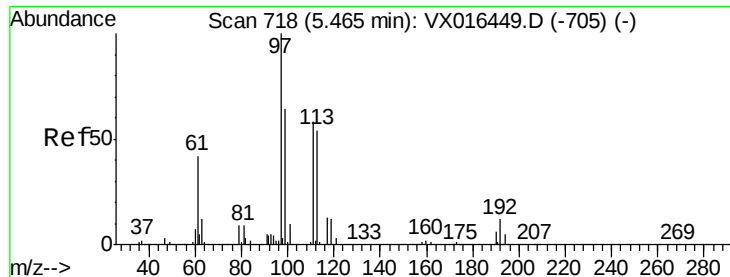
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 6/2/2020 11:34:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	42.6	
88	16.6	0.0	32.8	





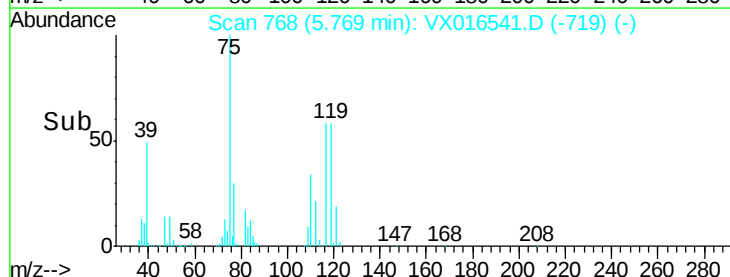
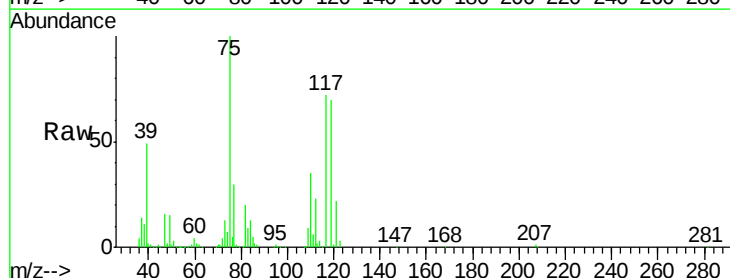
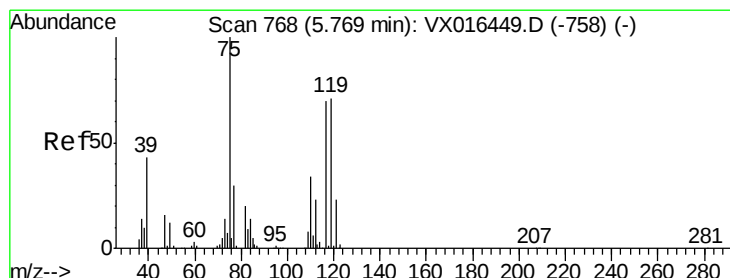
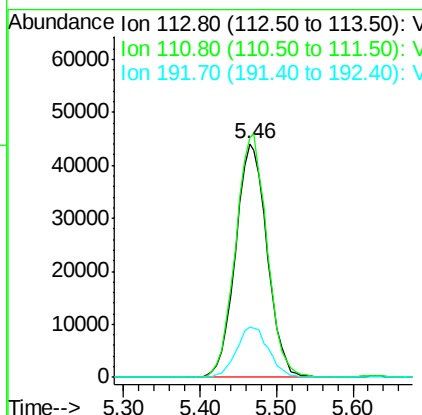
#35
Dibromofluoromethane
Concen: 48.063 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126200		
111	103.7	83.0	124.6	
192	21.9	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

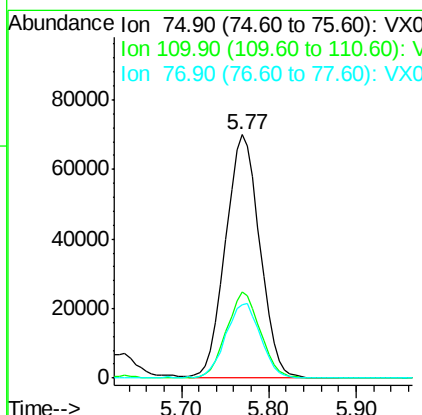
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#36
1,1-Dichloropropene
Concen: 46.994 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	189735		
110	35.0	17.4	52.3	
77	31.2	24.2	36.4	





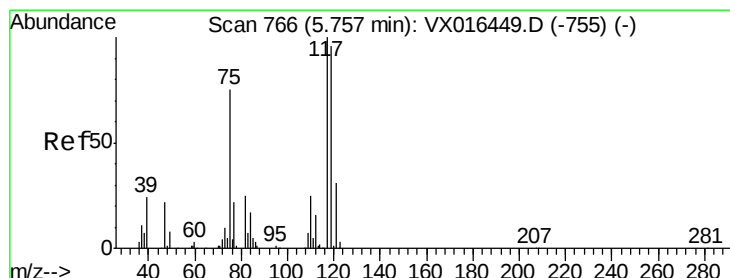
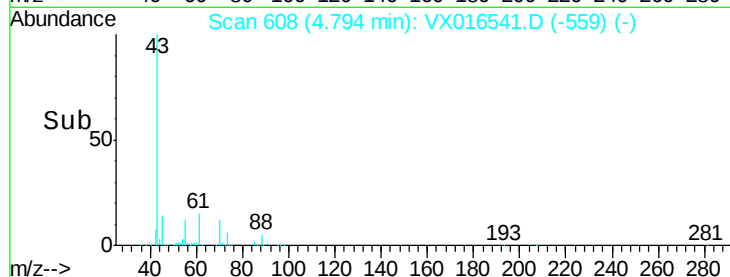
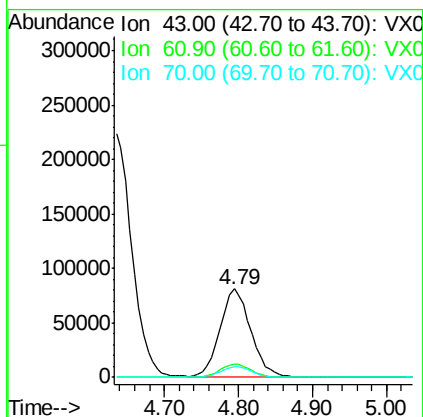
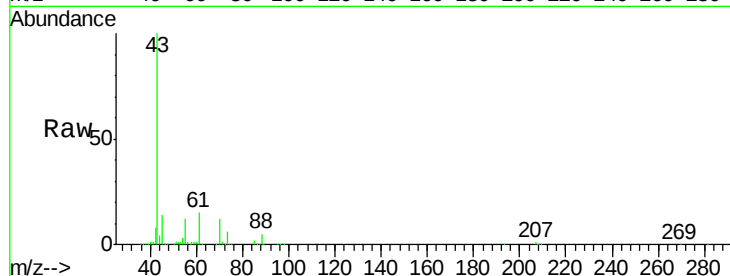
#37
Ethyl Acetate
Concen: 48.020 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.3	16.9
70	12.2	9.3	13.9

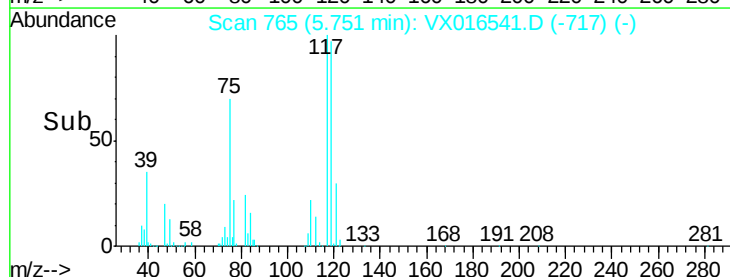
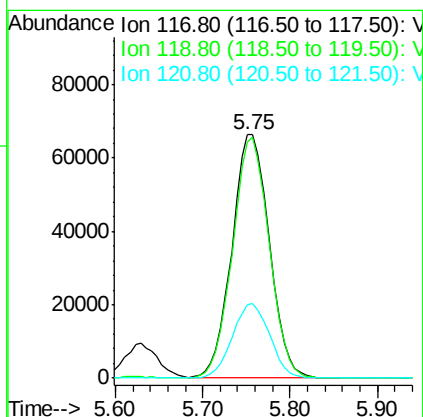
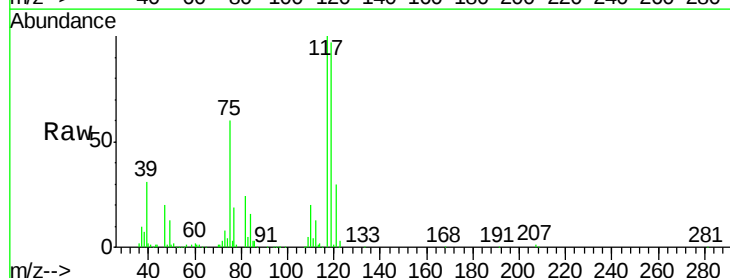
Manual Integrations
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6/2/2020 11:34:49 AM



#38
Carbon Tetrachloride
Concen: 46.497 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.3	114.5
121	30.4	24.6	37.0





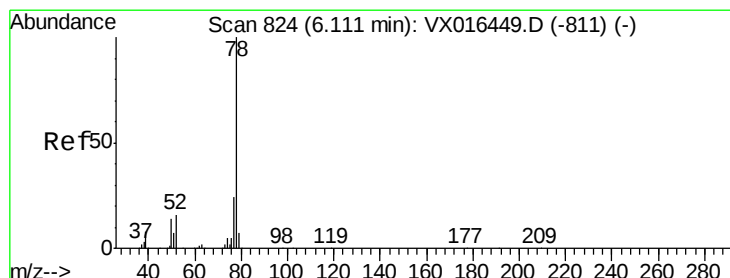
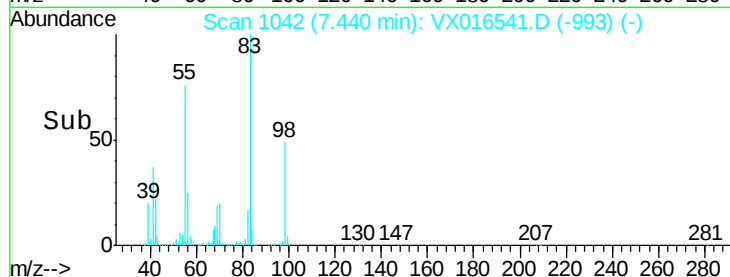
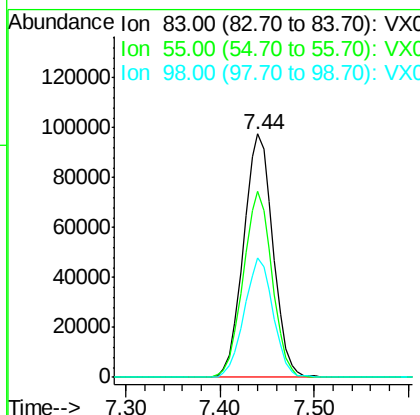
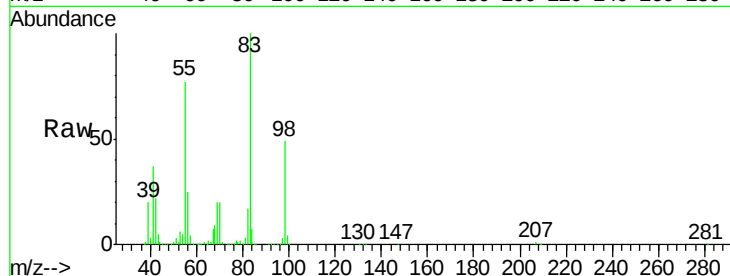
#39
Methvlcvclohexane
Concen: 48.621 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.7	92.5
98	49.1	38.7	58.1

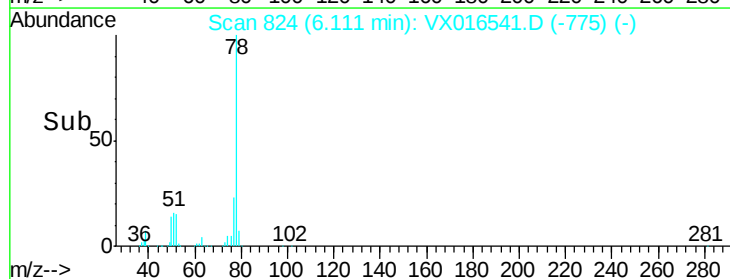
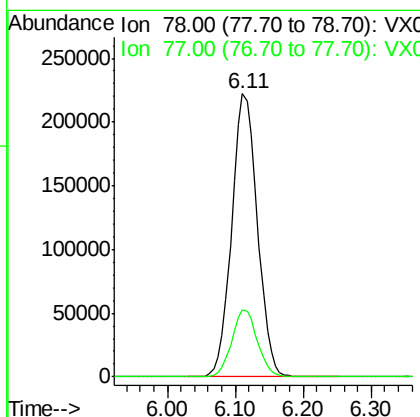
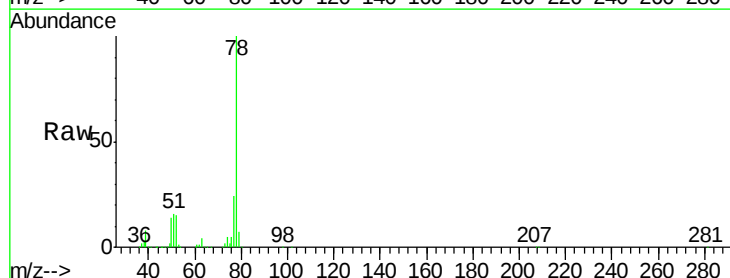
Manual Integrations
APPROVED

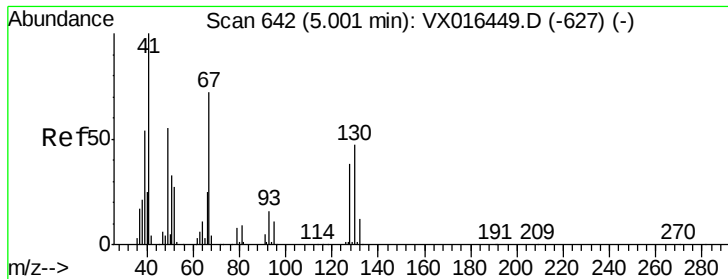
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#40
Benzene
Concen: 48.374 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





#41

Methacrylonitrile

Concen: 47.574 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

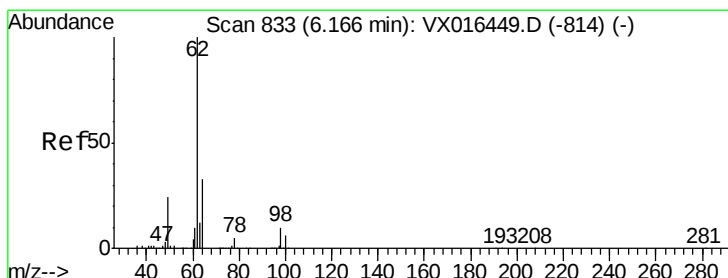
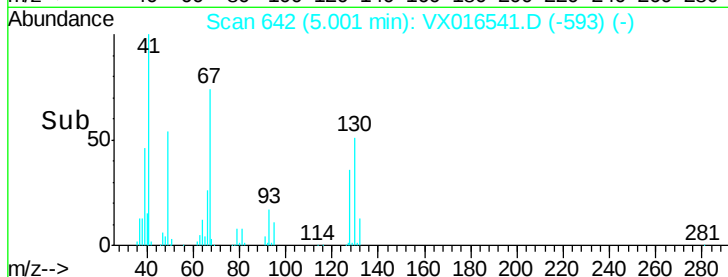
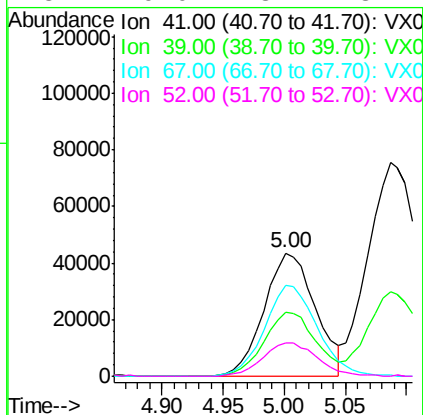
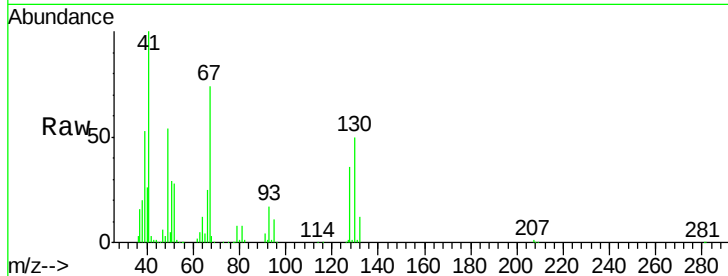
ClientSampleId :

SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.0	64.4
67	76.3	58.9	88.3
52	29.0	23.1	34.7

Manual Integrations
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MMDadoda
6/2/2020 11:34:49 AM



#42

1,2-Dichloroethane

Concen: 47.819 ug/l

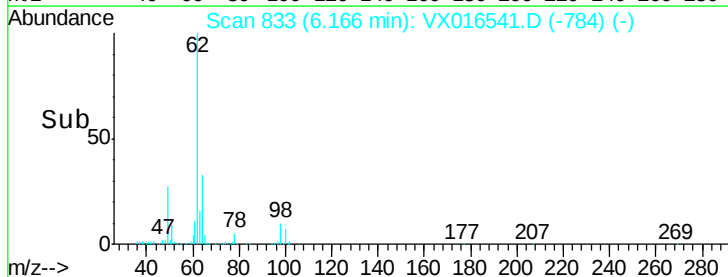
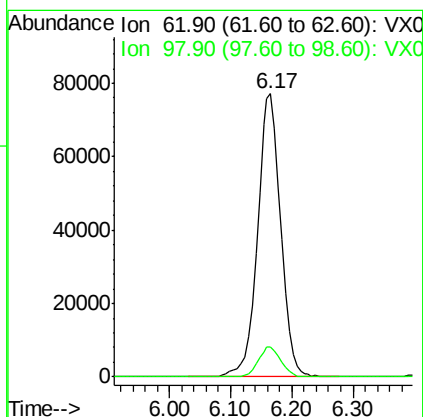
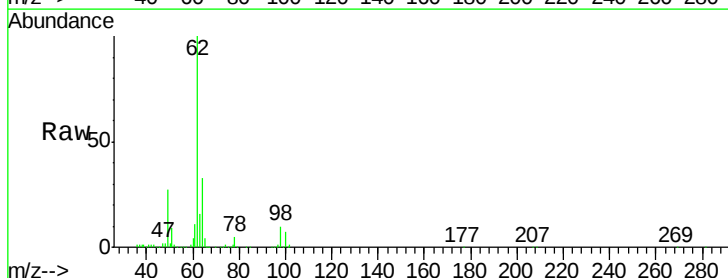
RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.8





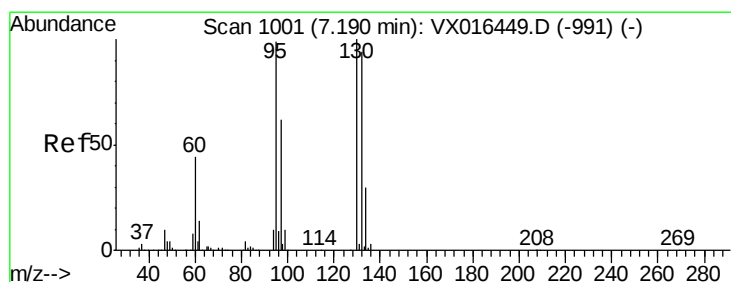
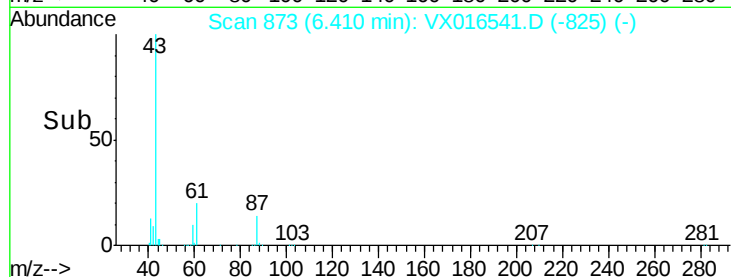
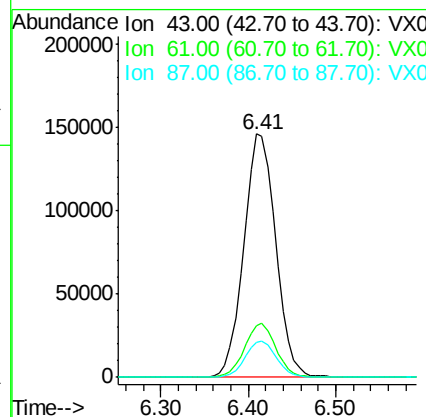
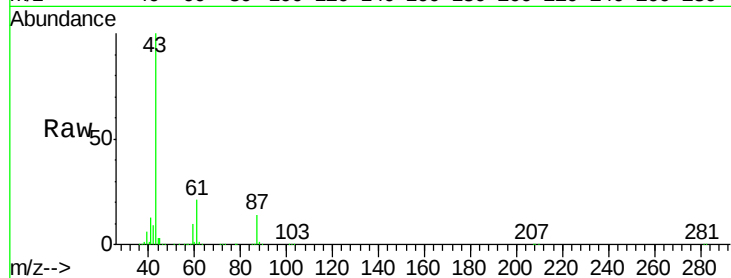
#43
Isopropyl Acetate
Concen: 48.813 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.8	25.2
87	14.7	11.2	16.8

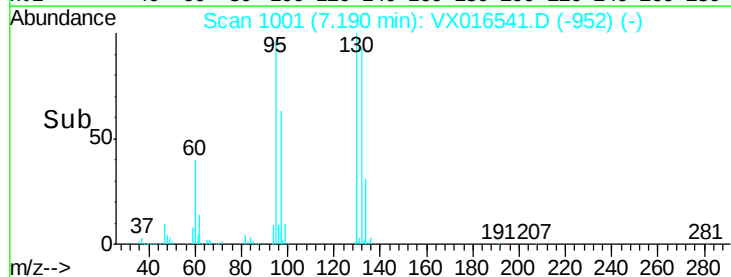
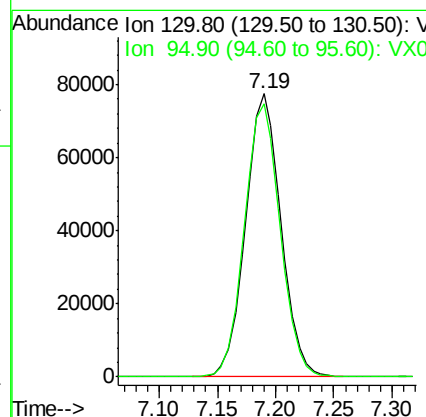
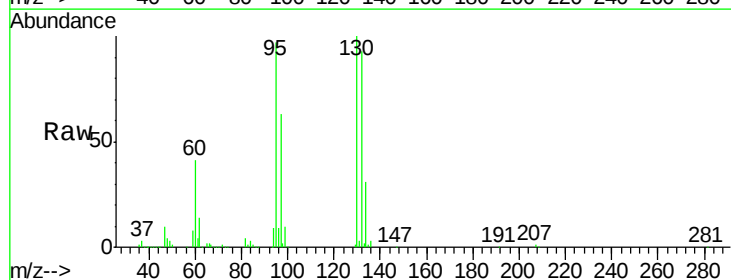
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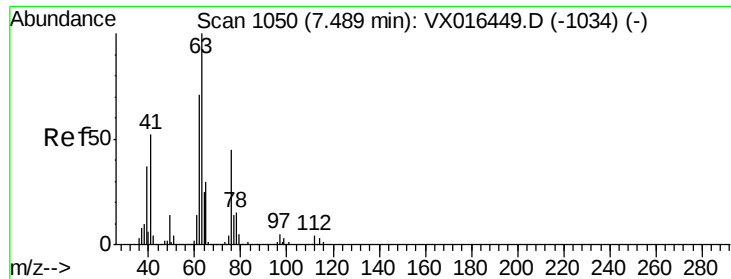
MMDadoda
6/2/2020 11:34:49 AM



#44
Trichloroethene
Concen: 42.954 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	198.2





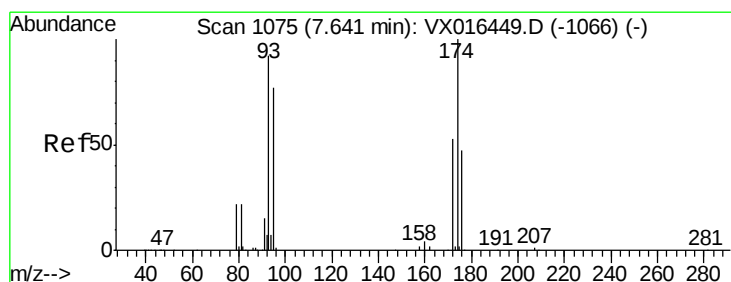
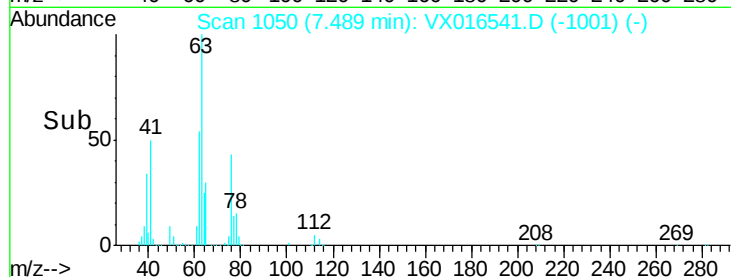
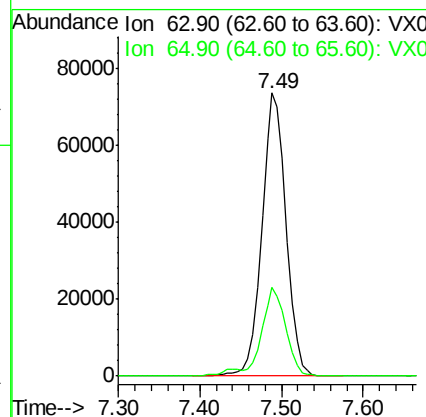
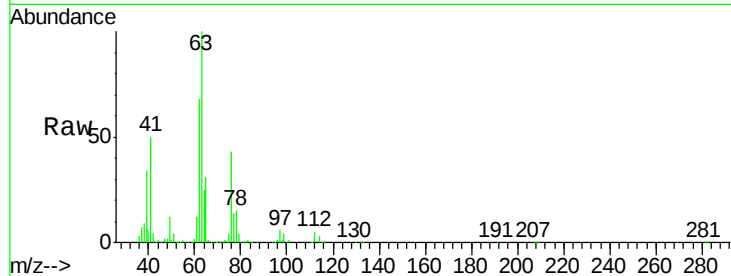
#45
 1,2-Dichloropropane
 Concen: 49.764 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.2	36.2

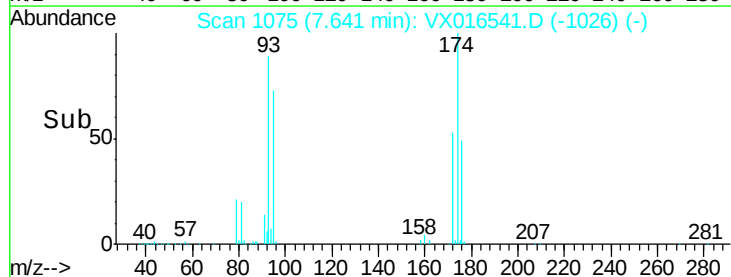
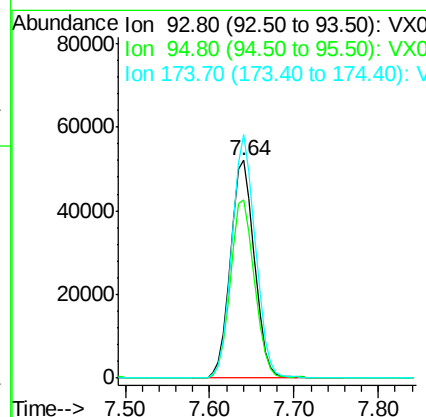
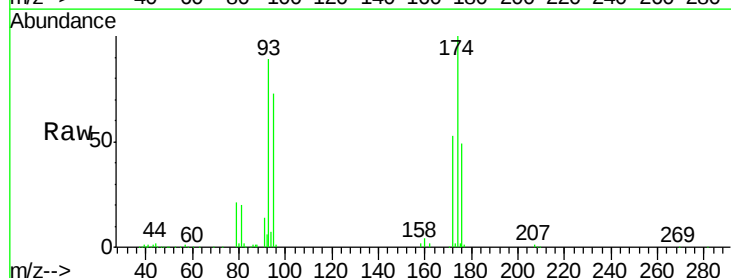
Manual Integrations
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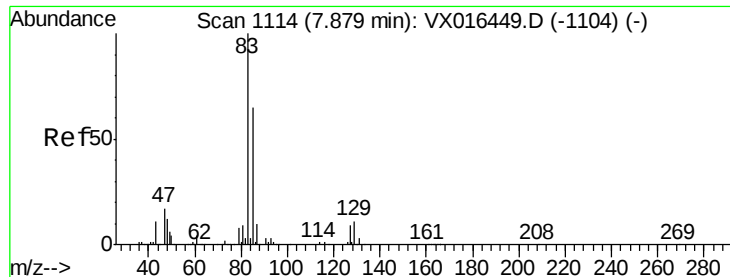
MMDadoda
 6/2/2020 11:34:49 AM



#46
 Dibromomethane
 Concen: 49.369 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.6	100.0
174	109.1	86.2	129.4





#47

Bromodichloromethane

Concen: 48.853 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

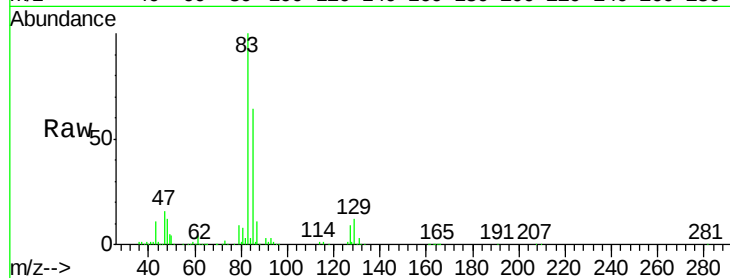
ClientSampleId :

SS050MW113-200527MS

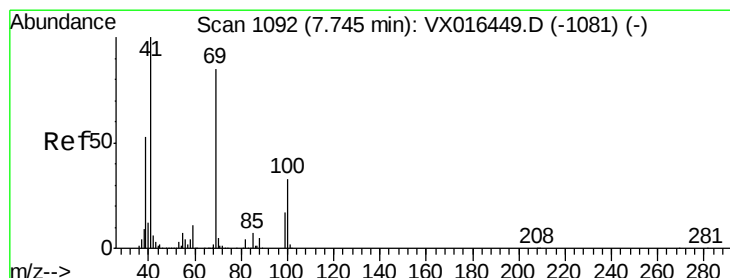
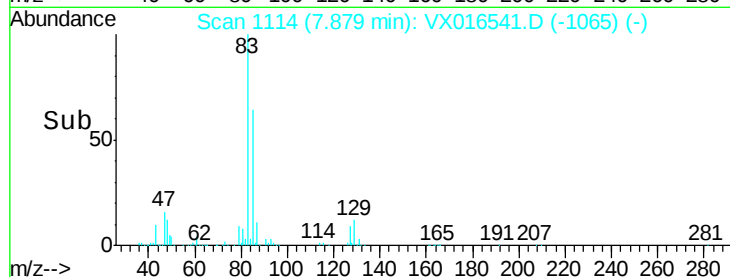
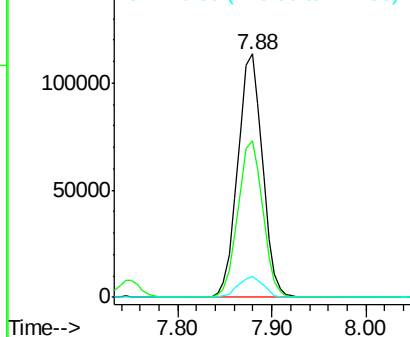
Tot Ion:	83	Resp:	207964
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.0	78.0
127	8.5	7.4	11.0

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



#48

Methyl methacrylate

Concen: 49.696 ug/l

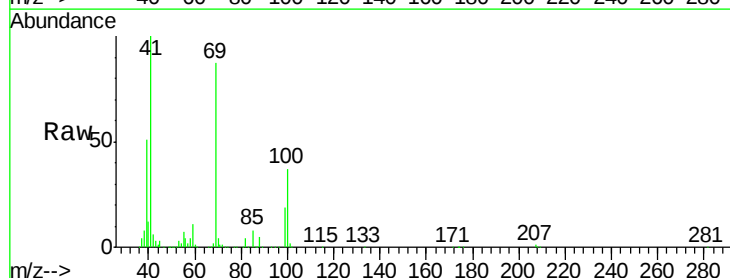
RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

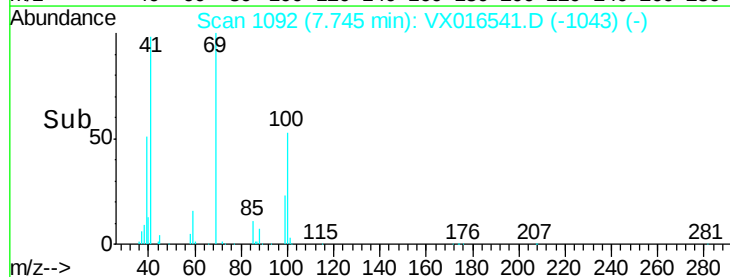
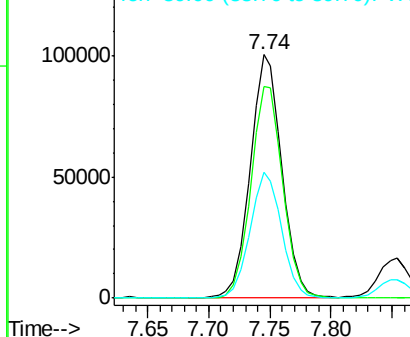
Lab File: VX016541.D

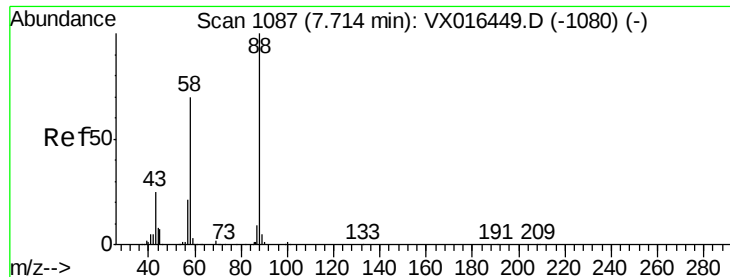
Acq: 01 Jun 2020 19:54

Tgt Ion:	41	Resp:	179908
Ion	Ratio	Lower	Upper
41	100		
69	88.5	68.6	102.8
39	51.8	42.4	63.6



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





#49

1,4-Dioxane

Concen: 1017.712 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

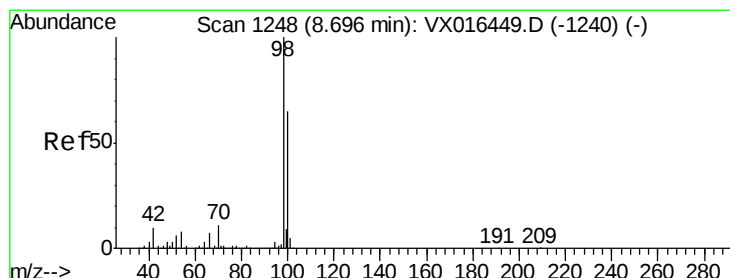
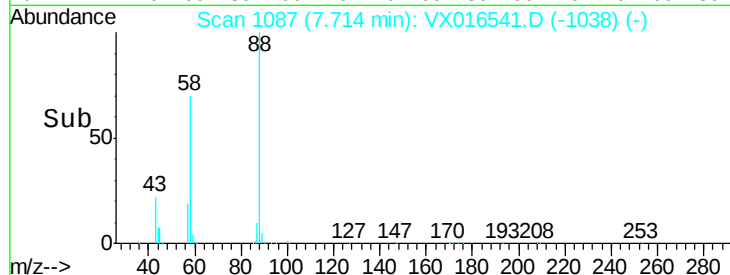
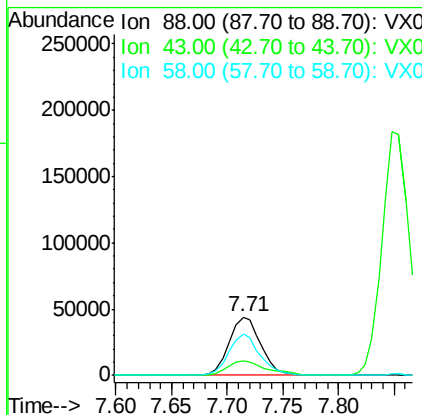
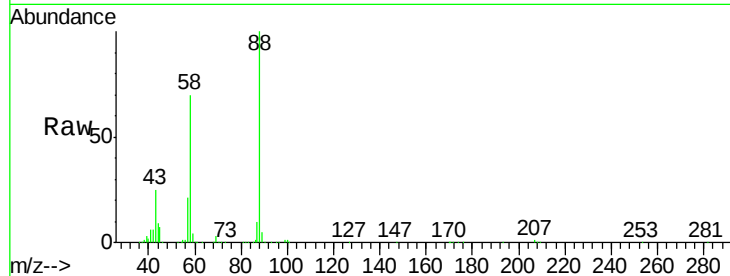
ClientSampleId :

SS050MW113-200527MS

Tot Ion:	88	Resp:	86222
Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.2	36.4
58	70.1	56.5	84.7

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#50

Toluene-d8

Concen: 46.905 ug/l

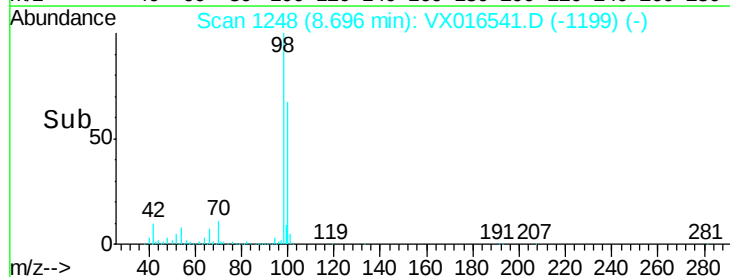
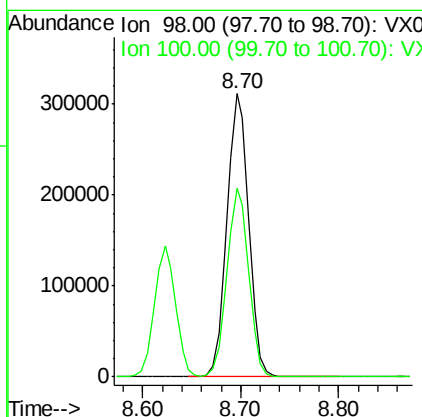
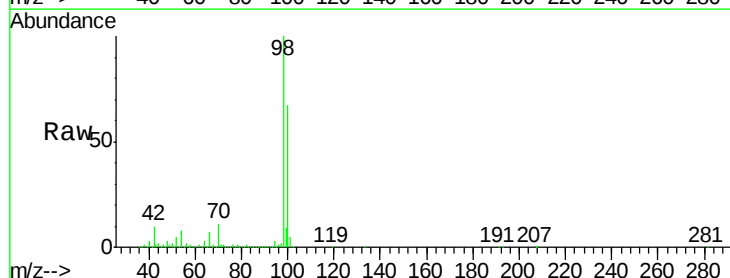
RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion:	98	Resp:	479360
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 255.570 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 43 Resp: 1203199

Ion Ratio Lower Upper

43 100

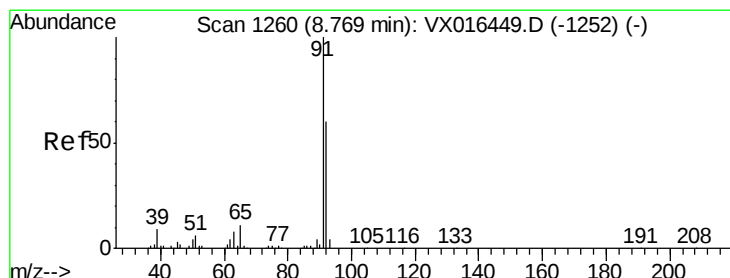
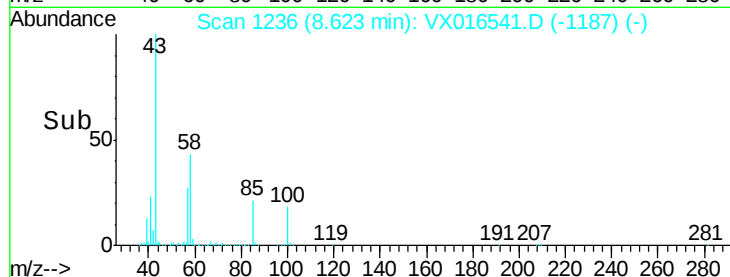
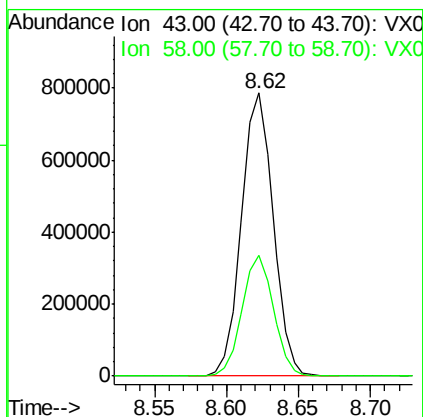
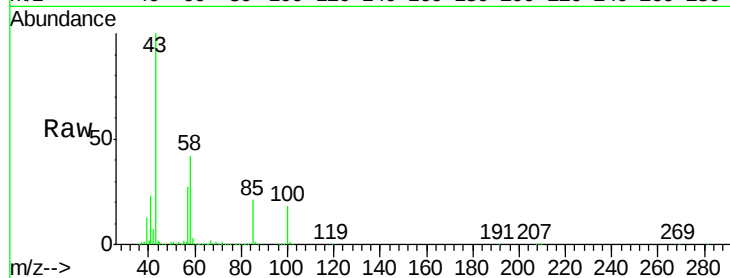
58 42.1 33.0 49.6

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#52

Toluene

Concen: 49.045 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016541.D

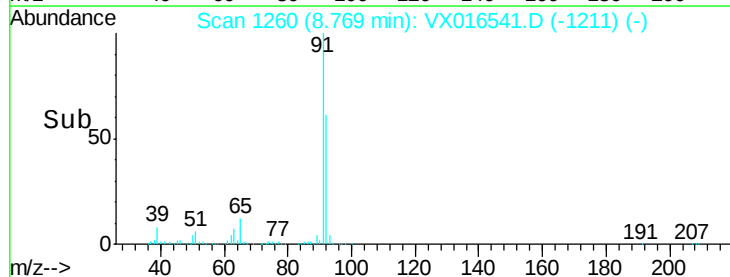
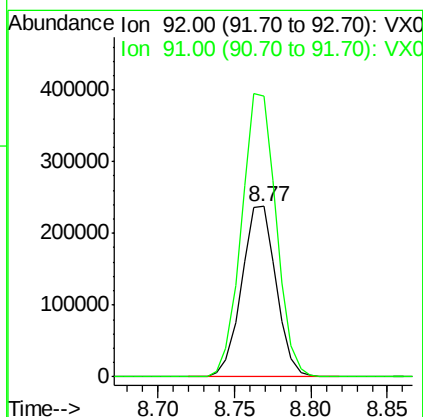
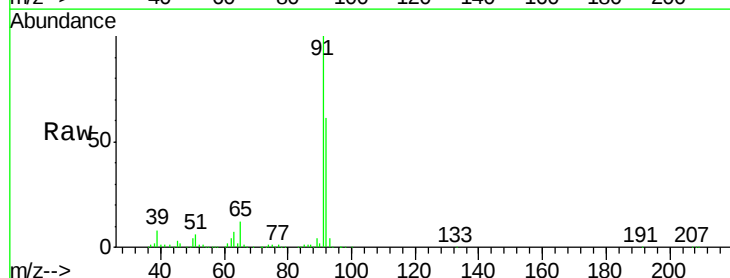
Acq: 01 Jun 2020 19:54

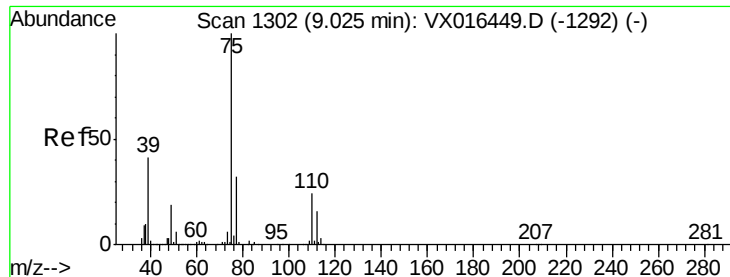
Tgt Ion: 92 Resp: 371852

Ion Ratio Lower Upper

92 100

91 166.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 49.338 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 75 Resp: 238820

Ion Ratio Lower Upper

75 100

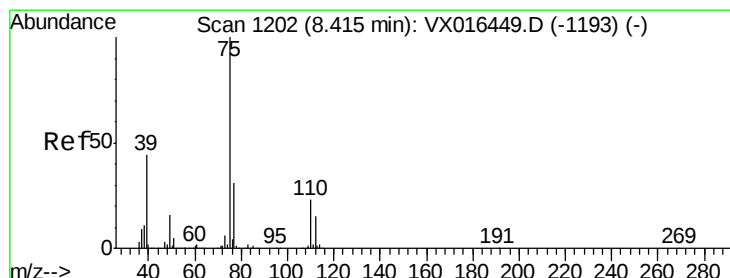
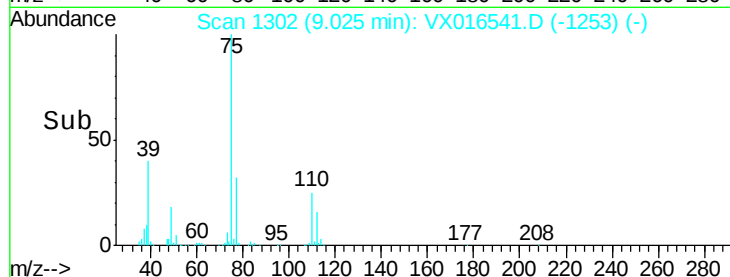
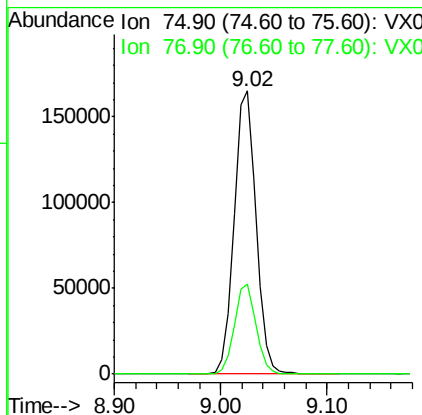
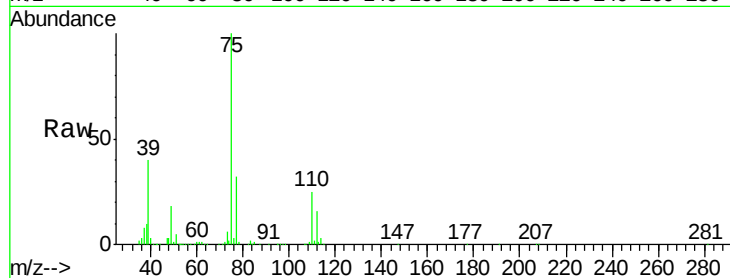
77 32.0 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 48.947 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

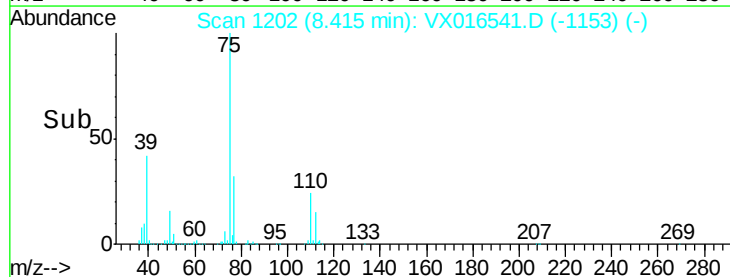
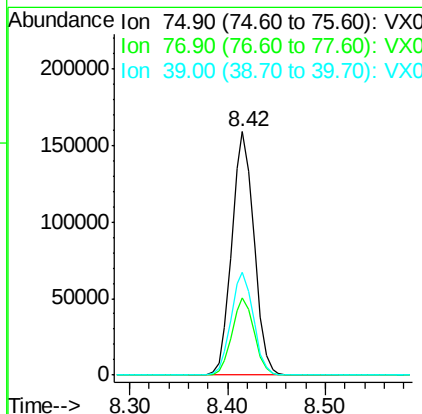
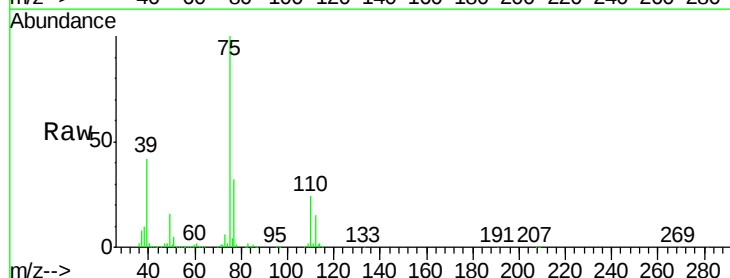
Tgt Ion: 75 Resp: 250783

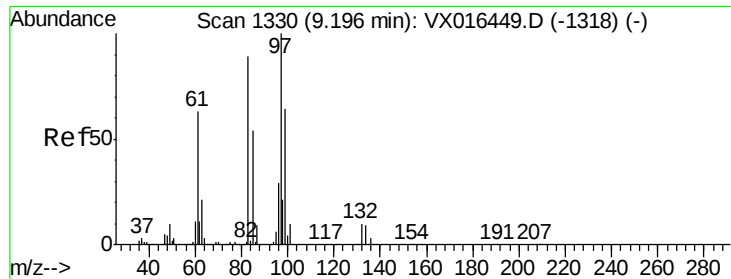
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 42.2 35.3 52.9





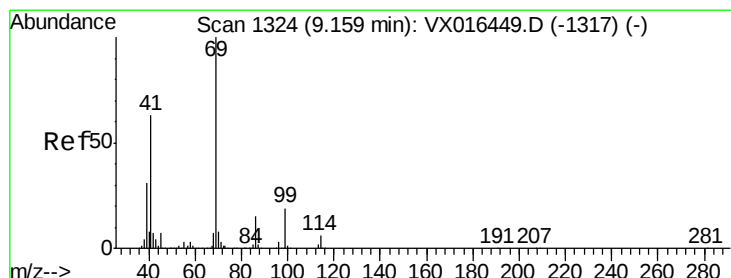
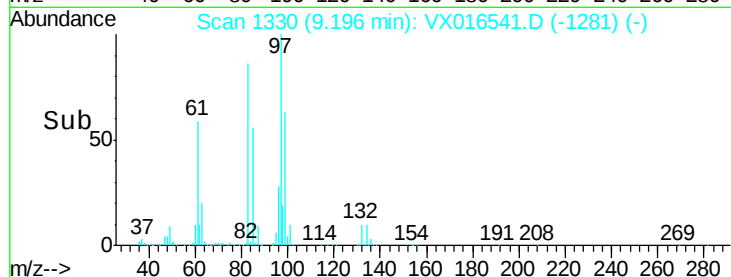
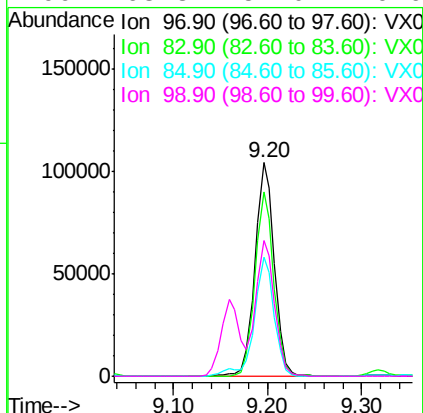
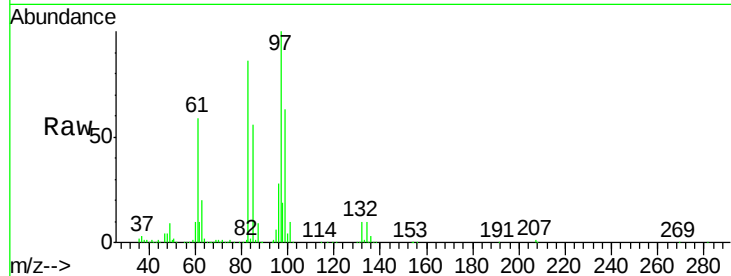
#55
 1,1,2-Trichloroethane
 Concen: 50.259 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		151509		
83	86.1	70.9	106.3		
85	55.7	43.4	65.2		
99	63.3	51.0	76.6		

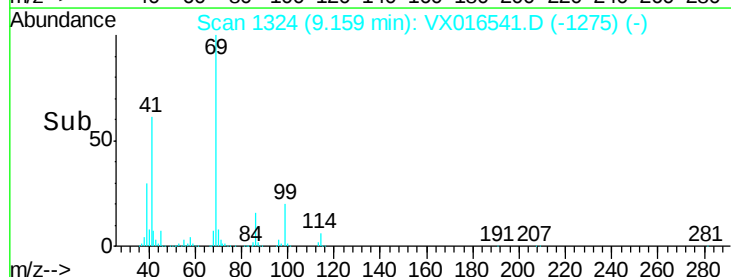
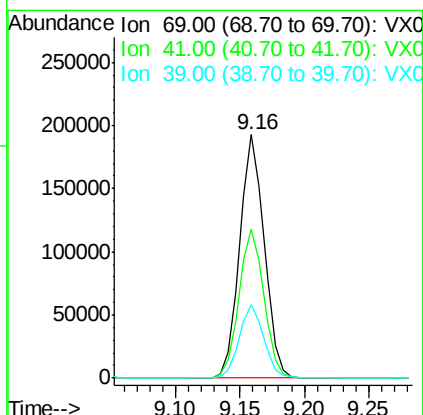
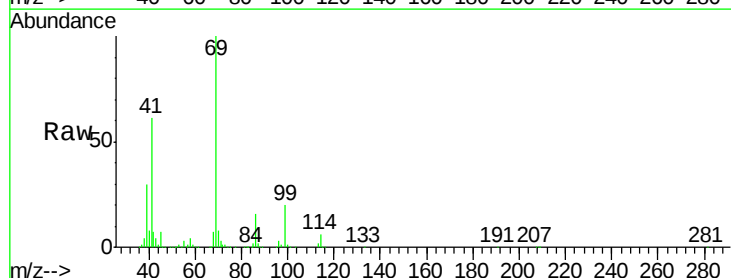
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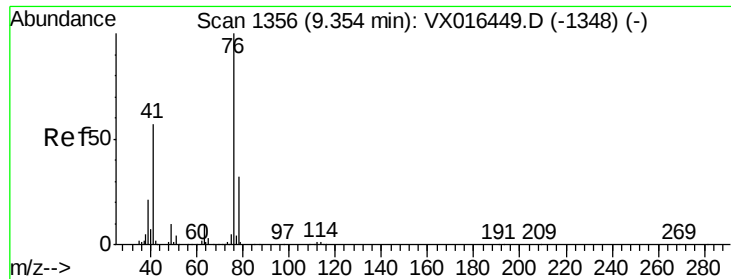
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#56
 Ethyl methacrylate
 Concen: 51.864 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		254629		
41	61.7	50.7	76.1		
39	30.4	25.8	38.6		





#57

1,3-Dichloropropane

Concen: 50.113 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 76 Resp: 259303

Ion Ratio Lower Upper

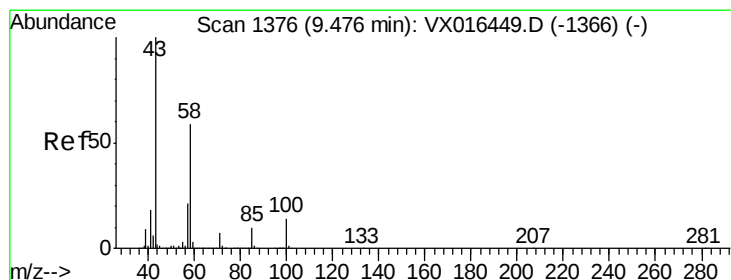
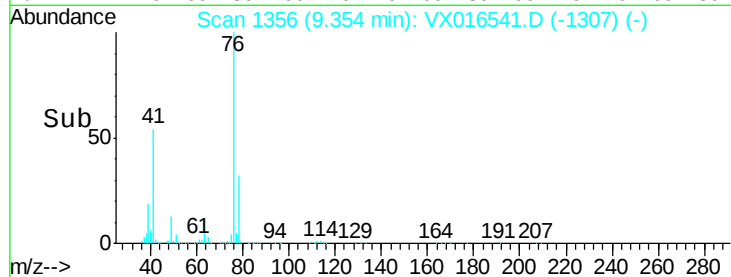
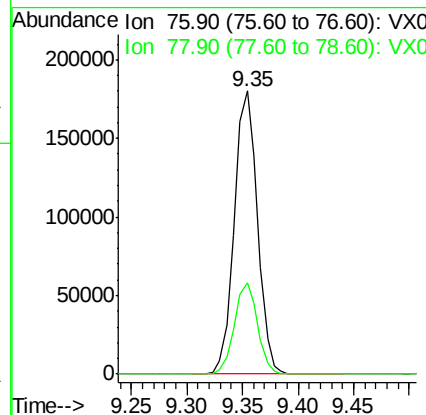
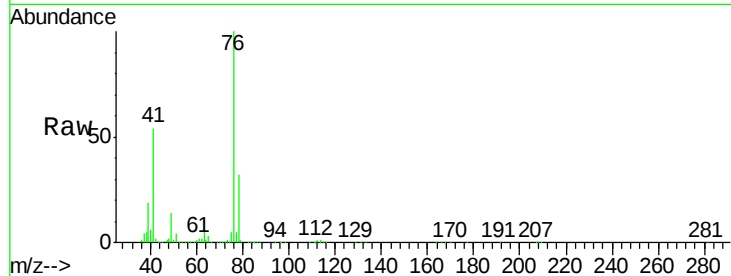
76 100

78 32.2 26.2 39.4

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#59

2-Hexanone

Concen: 258.872 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX016541.D

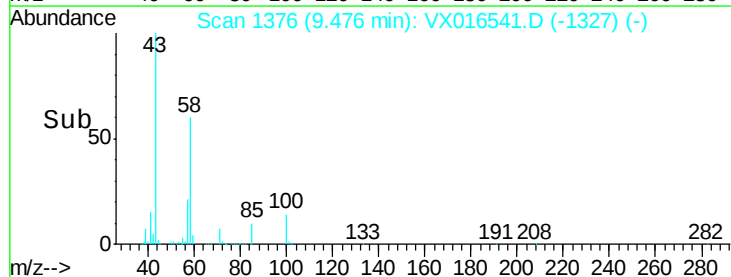
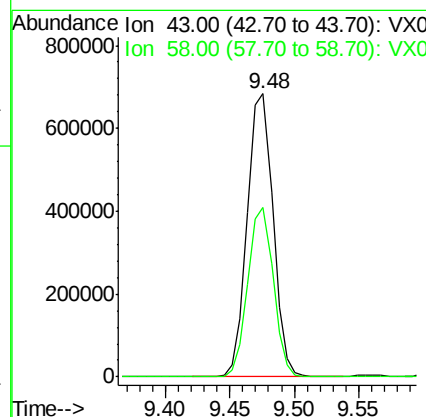
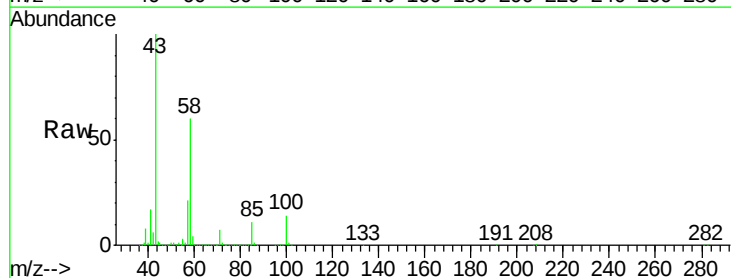
Acq: 01 Jun 2020 19:54

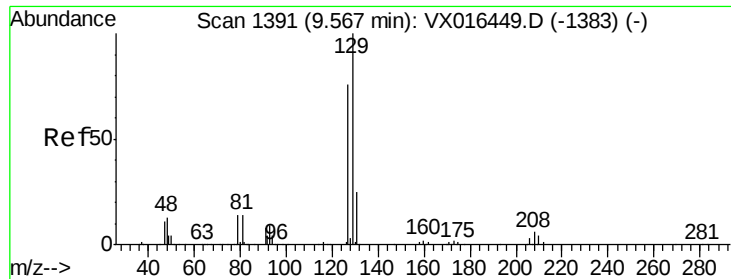
Tgt Ion: 43 Resp: 947764

Ion Ratio Lower Upper

43 100

58 59.1 28.8 86.4





#60

Dibromochloromethane

Concen: 49.882 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion:129 Resp: 169221

Ion Ratio Lower Upper

129 100

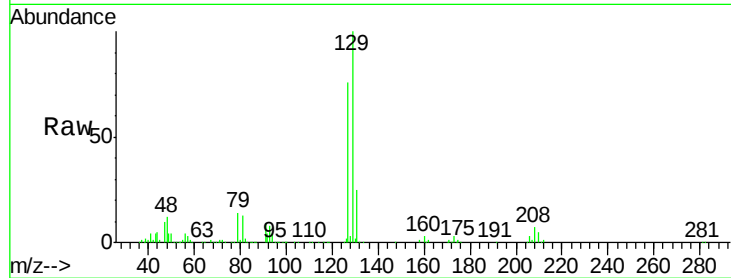
127 77.1 38.6 116.0

Manual Integrations

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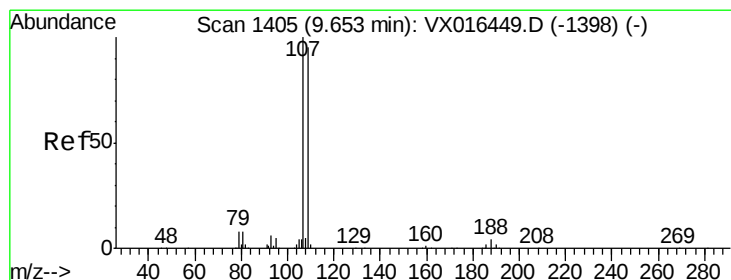
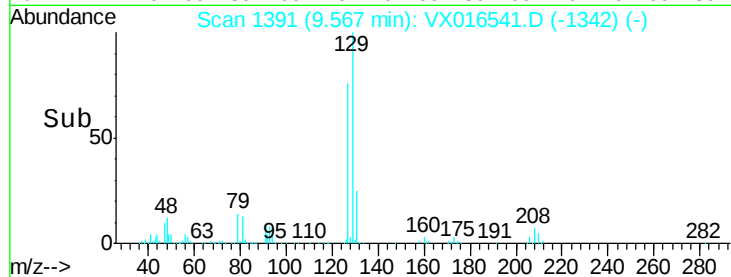
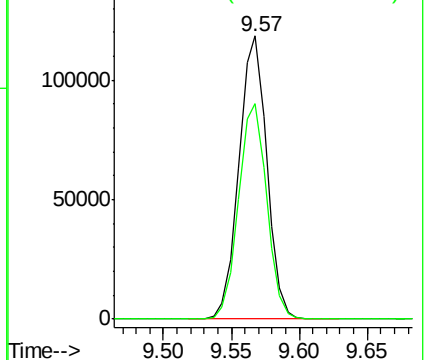
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.550 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016541.D

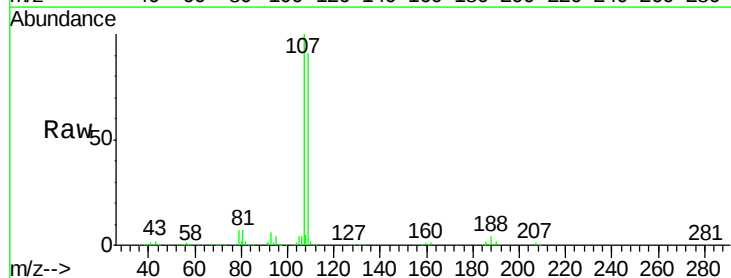
Acq: 01 Jun 2020 19:54

Tgt Ion:107 Resp: 163182

Ion Ratio Lower Upper

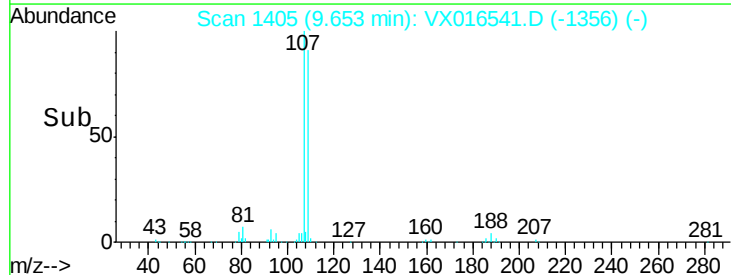
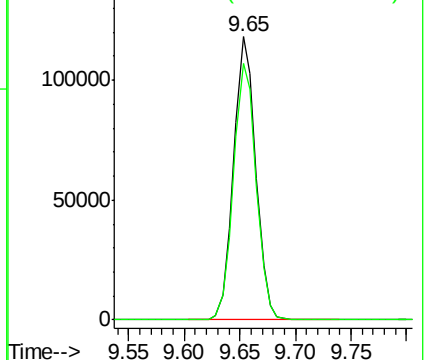
107 100

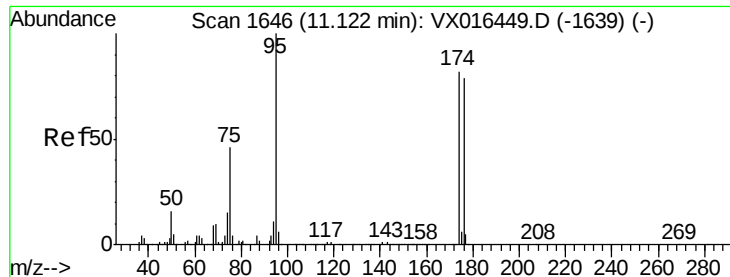
109 92.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





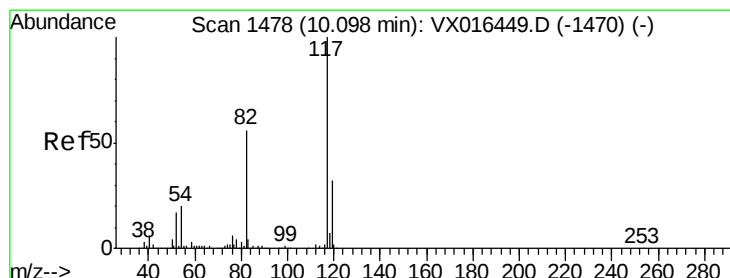
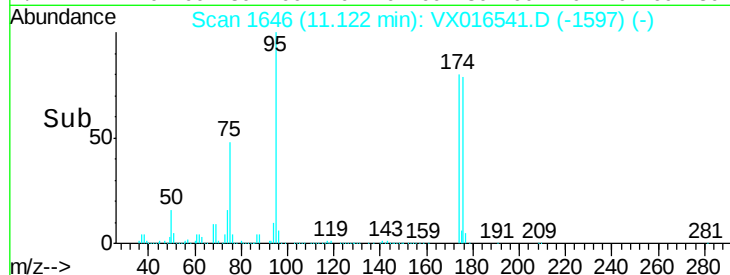
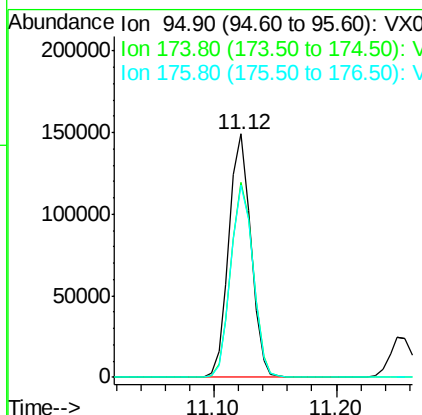
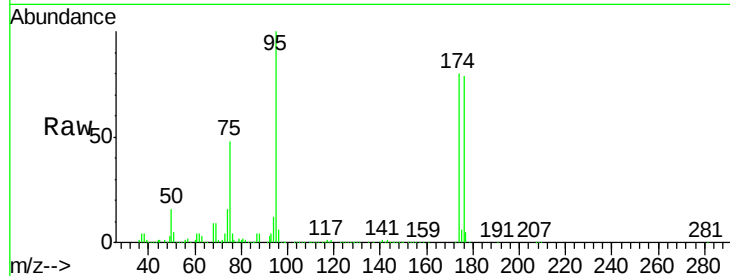
#62
4-Bromofluorobenzene
Concen: 46.849 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	185003		
174	81.1	0.0	163.0	
176	80.2	0.0	156.8	

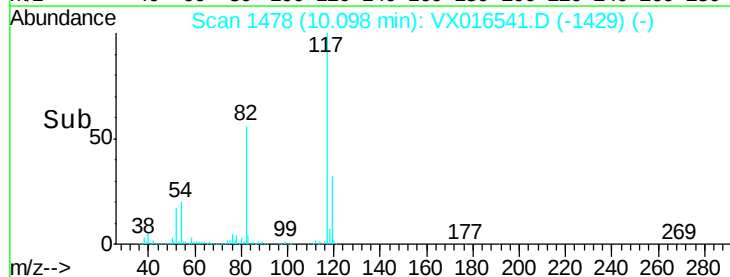
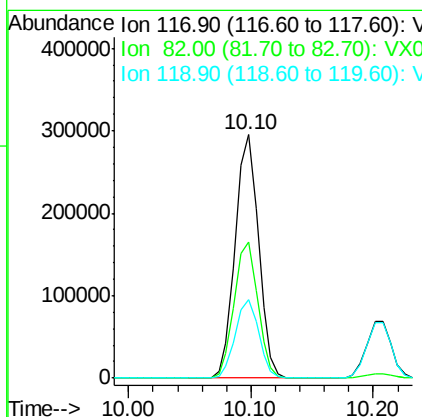
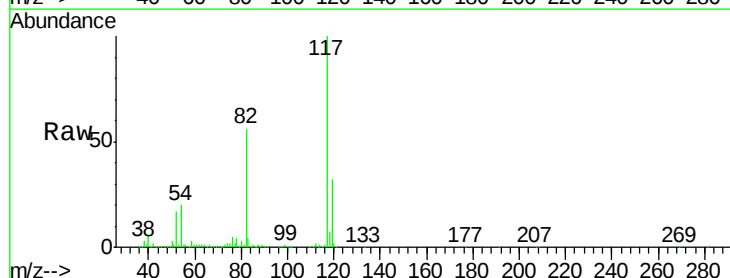
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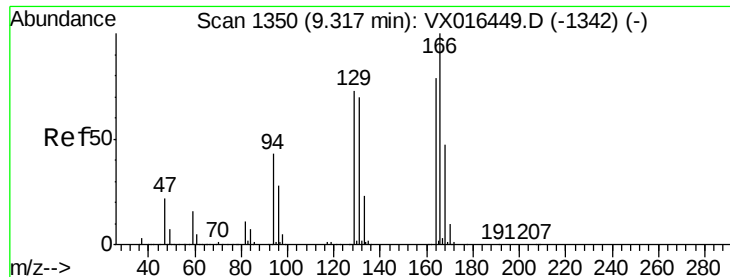
MMDadoda
6/2/2020 11:34:49 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	390066		
82	56.0	45.0	67.6	
119	32.3	25.8	38.8	





#64

Tetrachloroethene

Concen: 38.792 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion:164 Resp: 169289

Ion Ratio Lower Upper

164 100

166 125.2 100.9 151.3

129 92.5 73.2 109.8

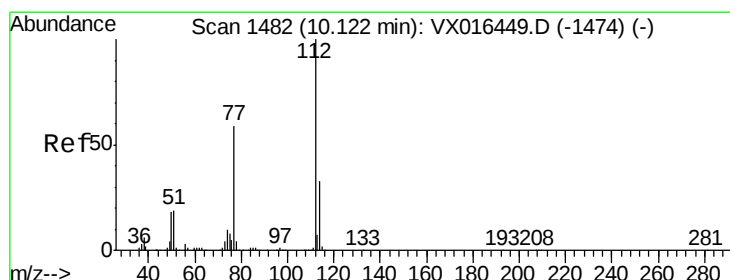
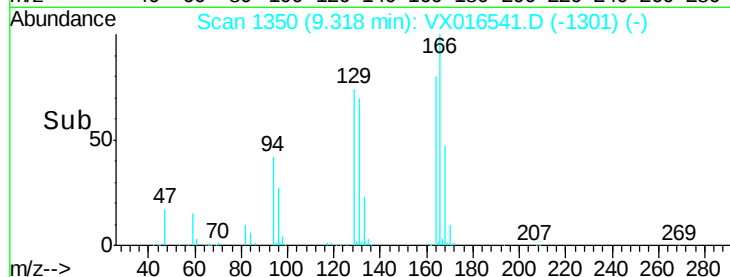
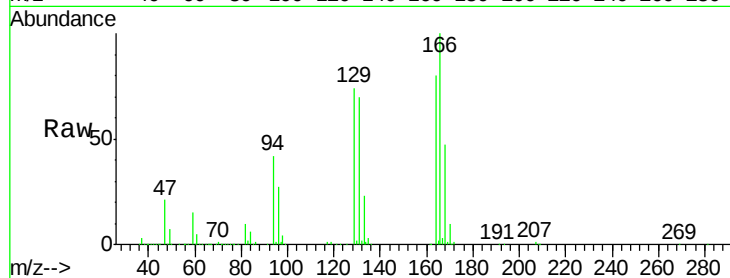
131 87.9 70.8 106.2

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#65

Chlorobenzene

Concen: 48.663 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016541.D

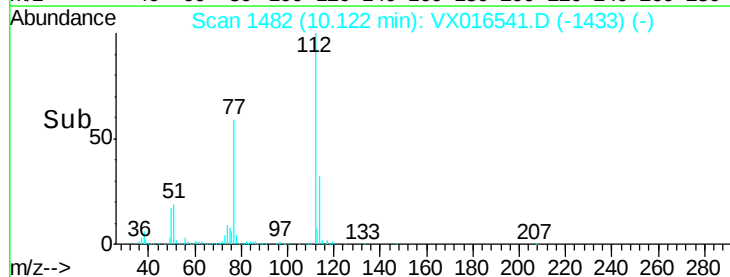
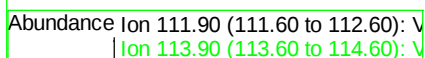
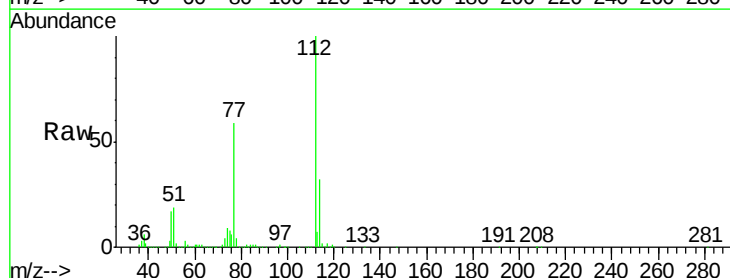
Acq: 01 Jun 2020 19:54

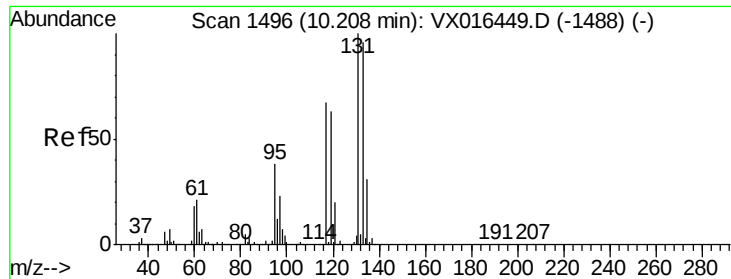
Tgt Ion:112 Resp: 386985

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 49.261 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

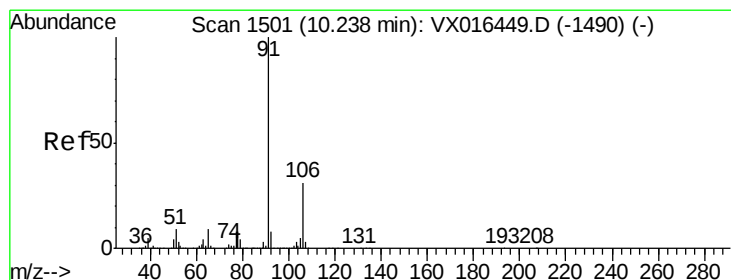
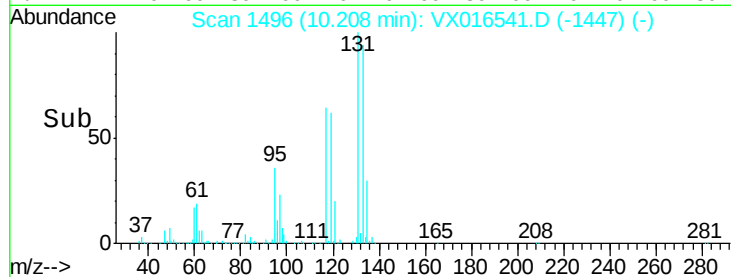
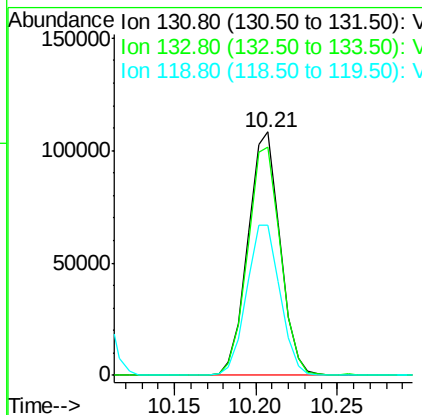
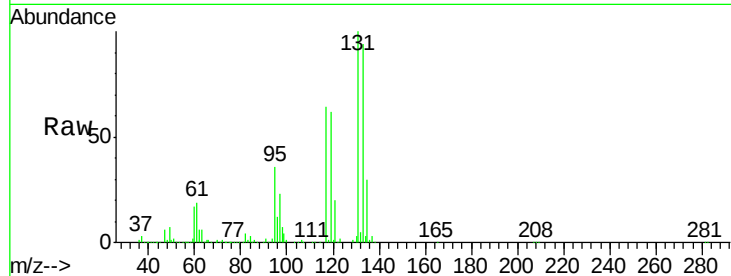
ClientSampleId :

SS050MW113-200527MS

Tot Ion:	131	Resp:	149537
Ion Ratio	Lower	Upper	
131	100		
133	96.0	48.4	145.3
119	64.4	32.0	96.2

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#67

Ethyl Benzene

Concen: 48.015 ug/l

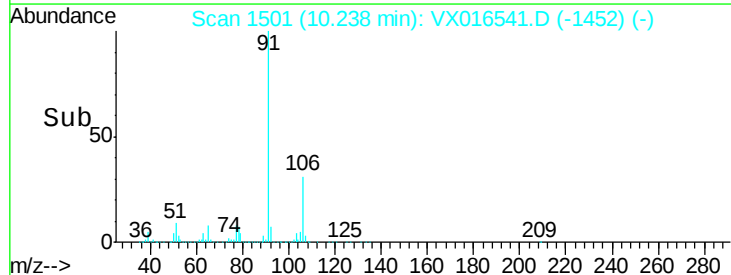
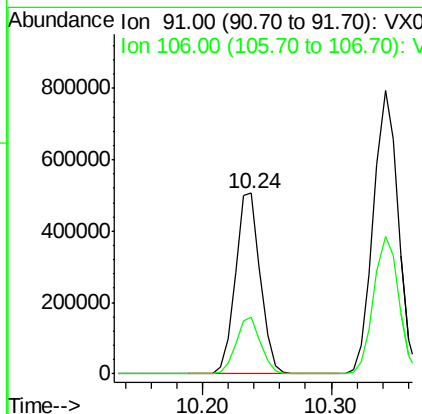
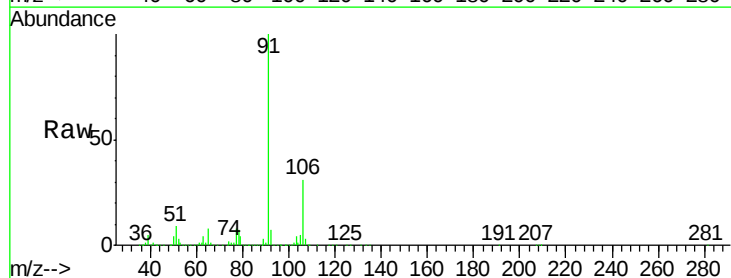
RT: 10.24 min Scan# 1501

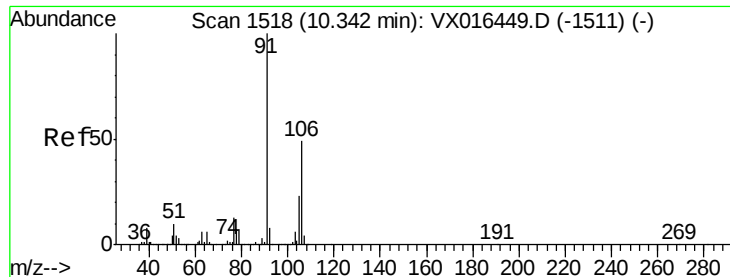
Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion:	91	Resp:	679824
Ion Ratio	Lower	Upper	
91	100		
106	31.1	25.0	37.4





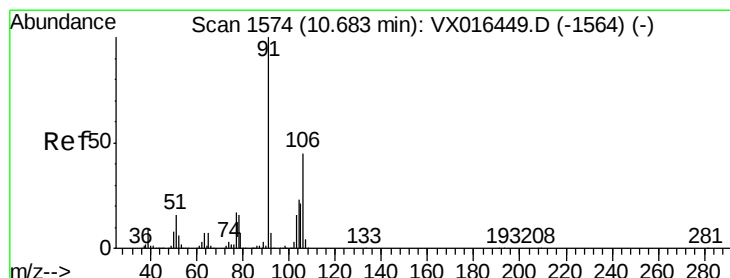
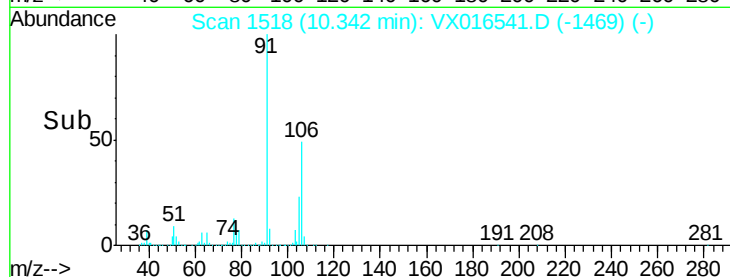
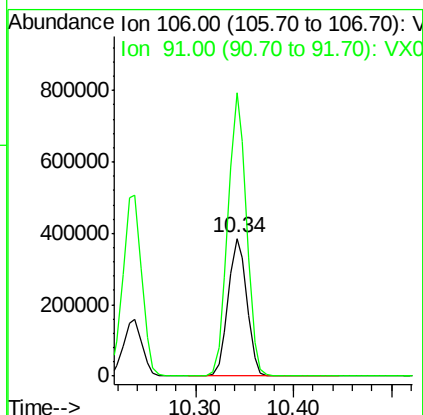
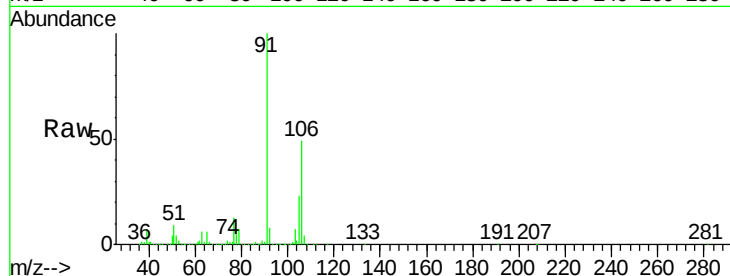
#68
m/p-Xylenes
Concen: 97.931 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.8	163.8	245.8

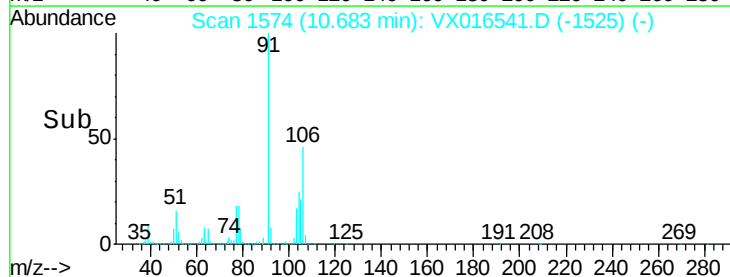
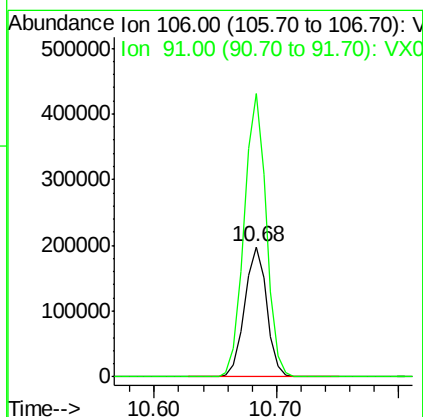
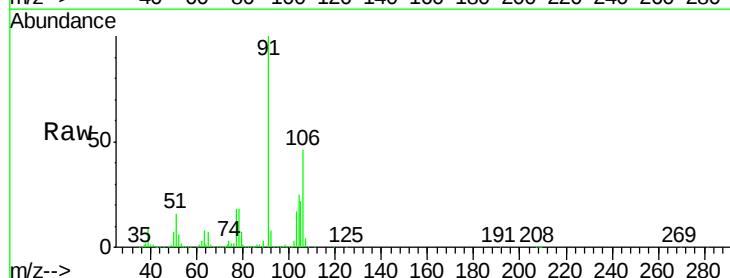
Manual Integrations
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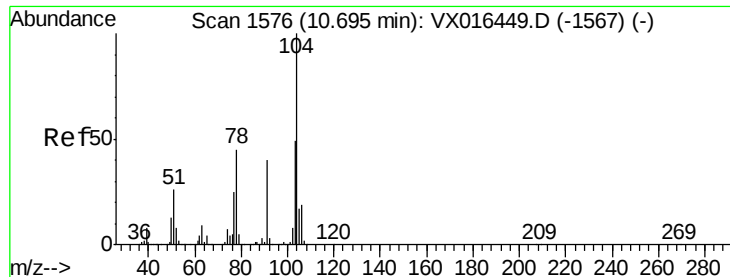
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#69
o-Xylene
Concen: 48.569 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	217.6	109.6	328.8





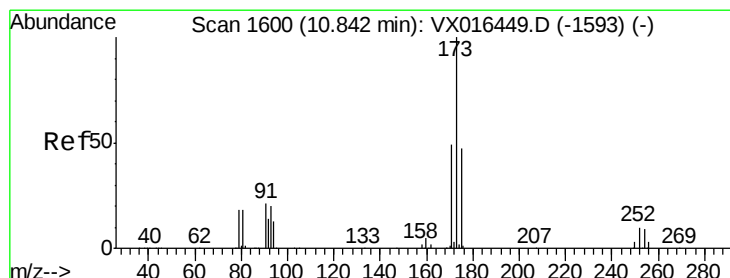
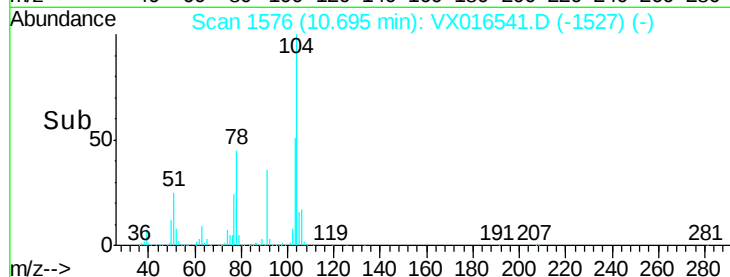
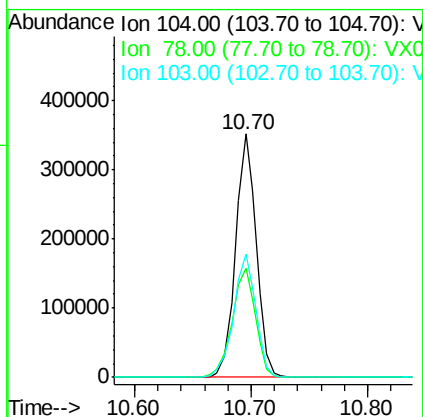
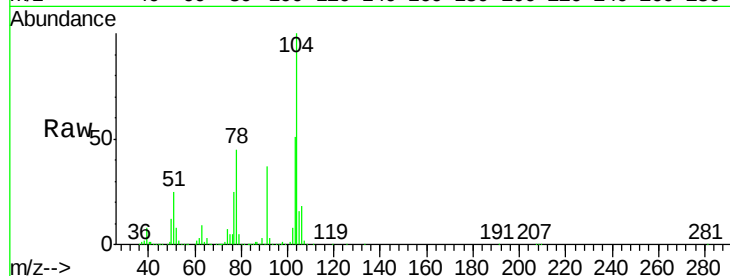
#70
Stvrene
Concen: 49.848 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.2	60.2
103	54.4	43.1	64.7

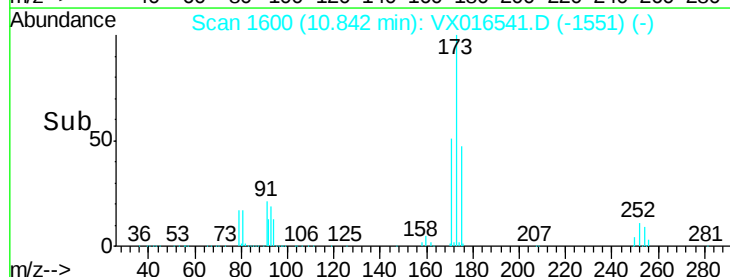
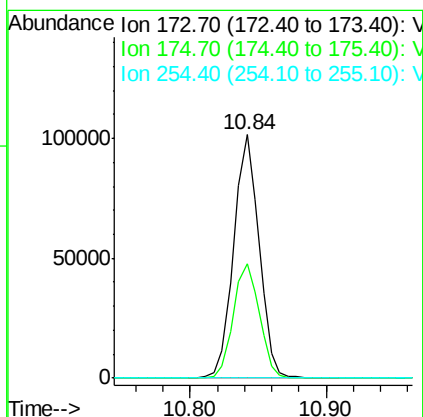
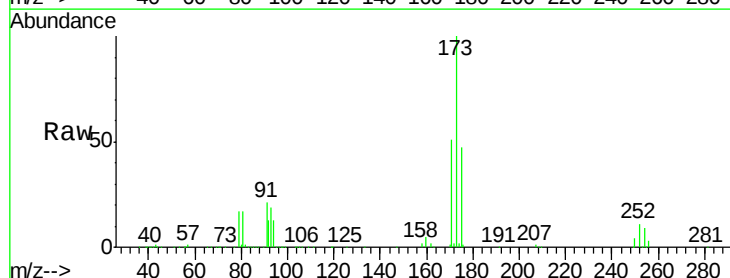
Manual Integrations
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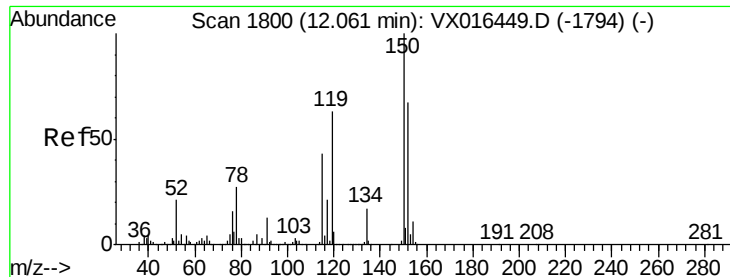
MMDadoda
6/2/2020 11:34:49 AM



#71
Bromoform
Concen: 51.363 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.7
254	0.2	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: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

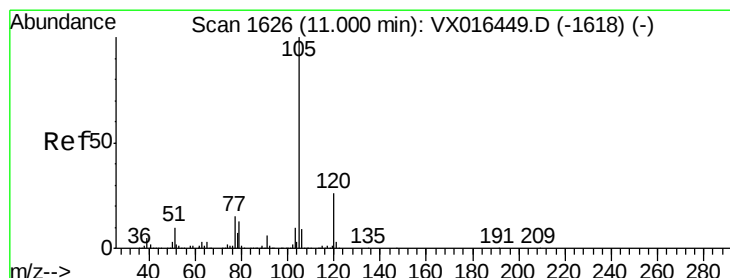
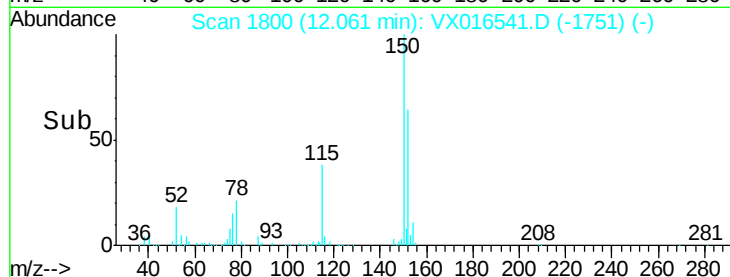
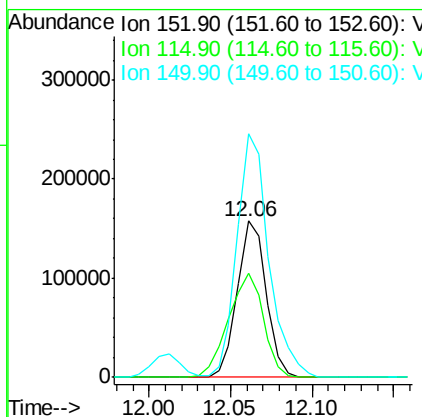
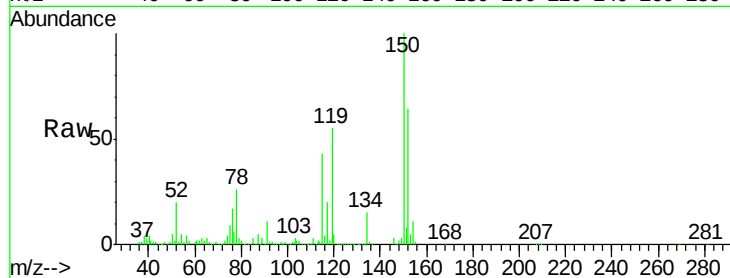
ClientSampleId :

SS050MW113-200527MS

Tot Ion:	152	Resp:	194907
Ion Ratio	Lower	Upper	
152	100		
115	80.3	39.9	119.6
150	172.3	0.0	341.0

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#73

Isopropylbenzene

Concen: 48.508 ug/l

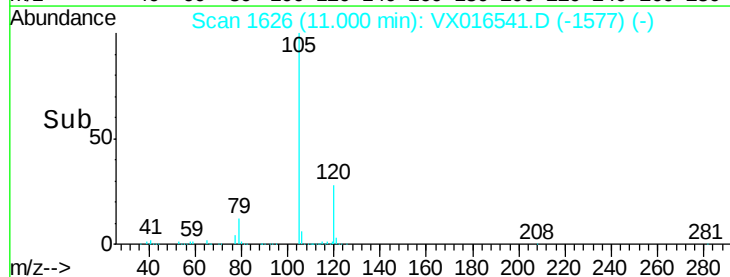
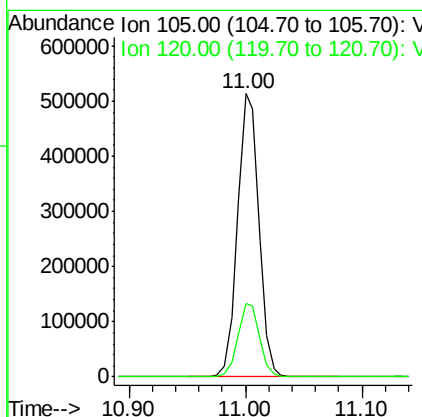
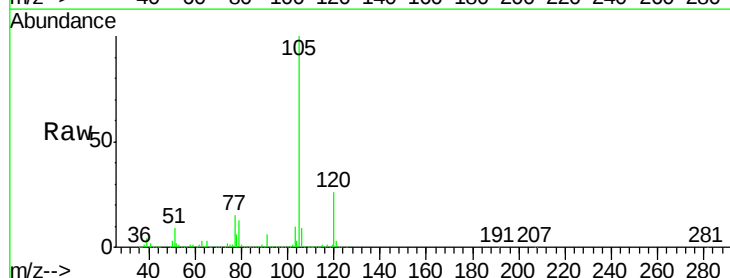
RT: 11.00 min Scan# 1626

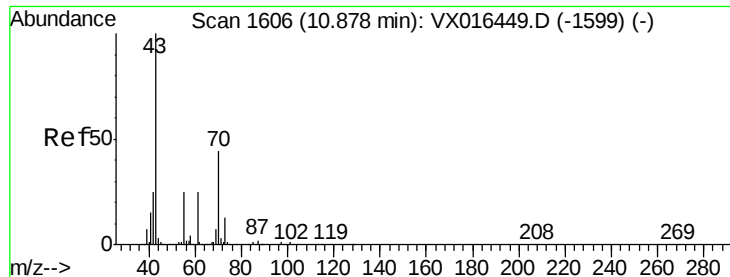
Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion:	105	Resp:	655091
Ion Ratio	Lower	Upper	
105	100		
120	26.2	13.1	39.3





#74

N-amvl acetate

Concen: 50.375 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

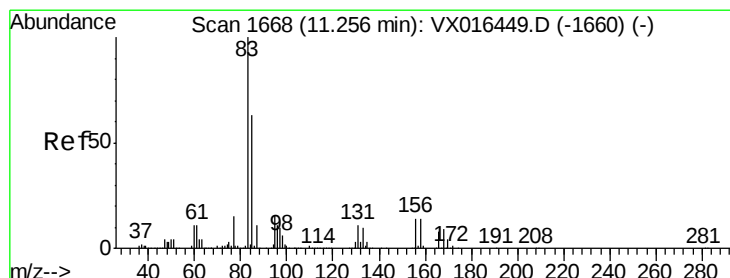
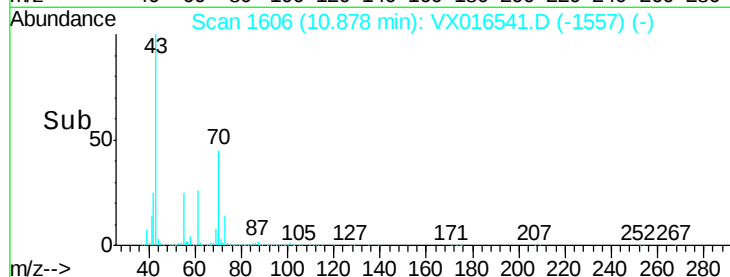
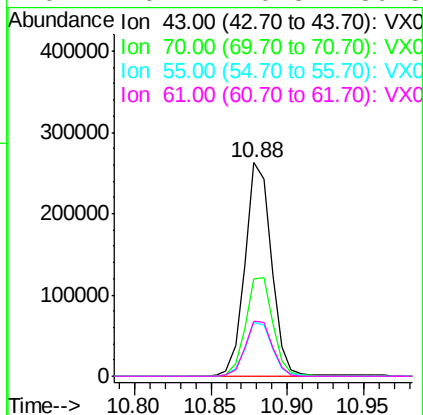
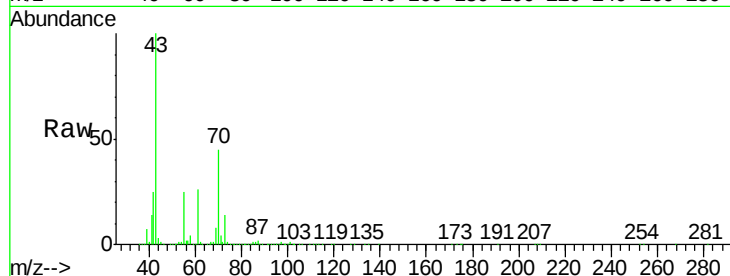
ClientSampleId :

SS050MW113-200527MS

Tot Ion	43	Resp	312918
Ion	Ratio	Lower	Upper
43	100		
70	47.8	36.1	54.1
55	25.5	20.2	30.4
61	26.4	20.3	30.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 60.667 ug/l

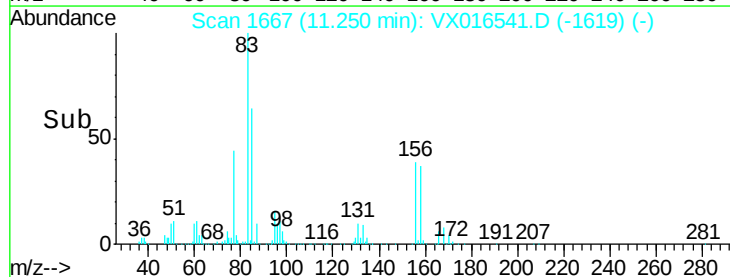
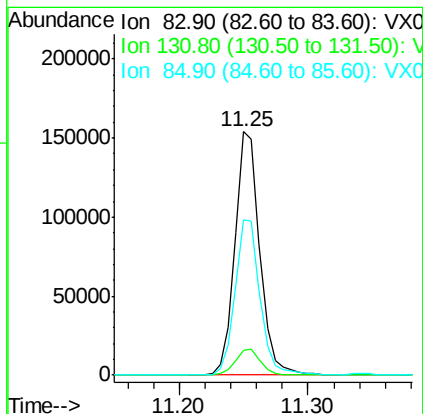
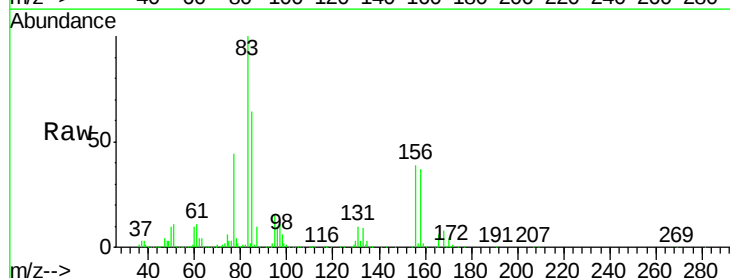
RT: 11.25 min Scan# 1667

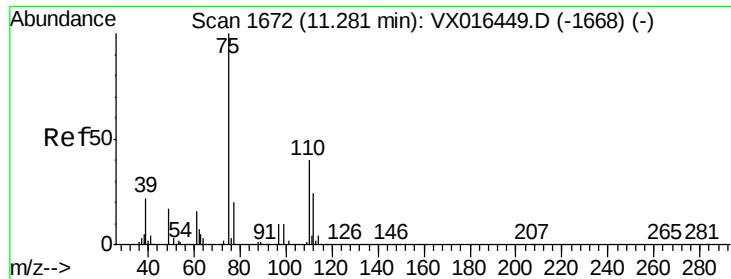
Delta R.T. -0.01 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion	83	Resp	205330
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	64.6	32.0	96.2





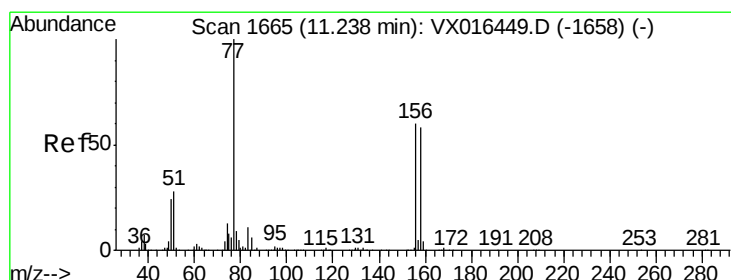
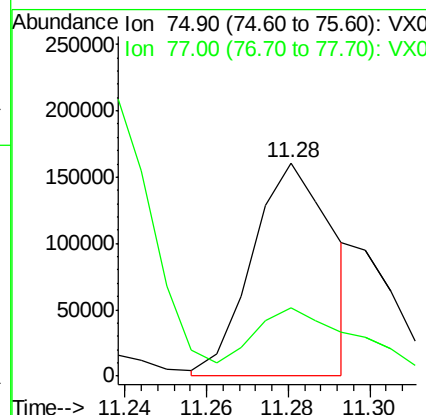
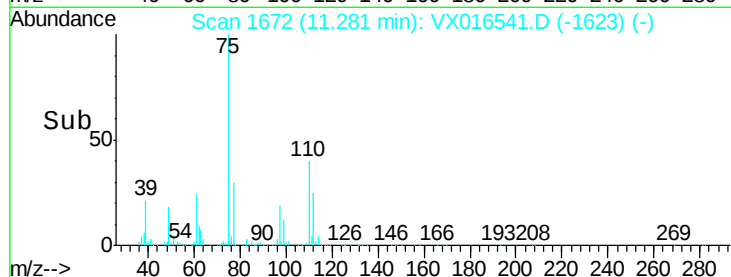
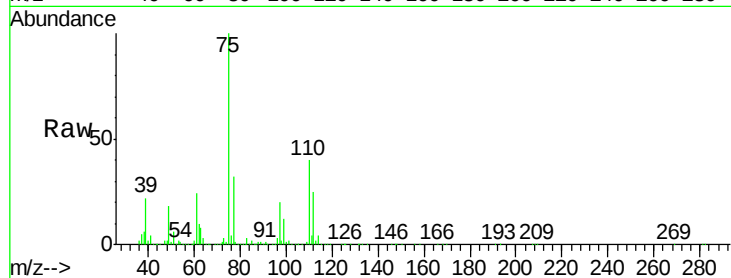
#76
1,2,3-Trichloropropane
Concen: 51.181 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion: 75 Resp: 219269
Ion Ratio Lower Upper
75 100
77 41.9 21.3 63.7

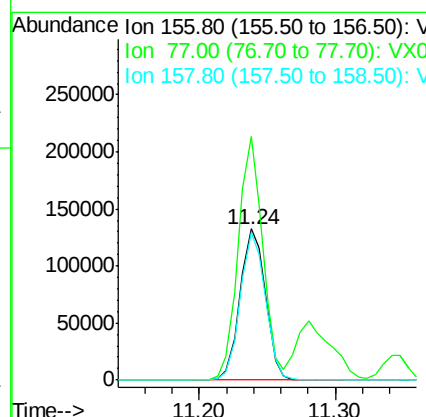
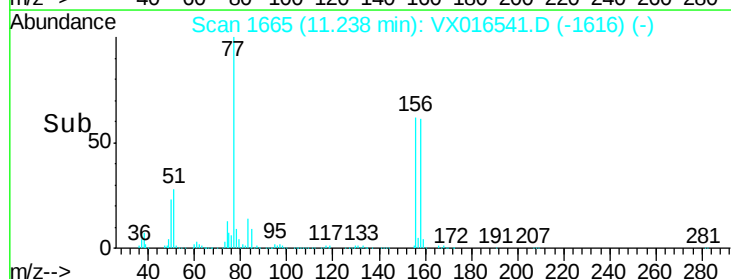
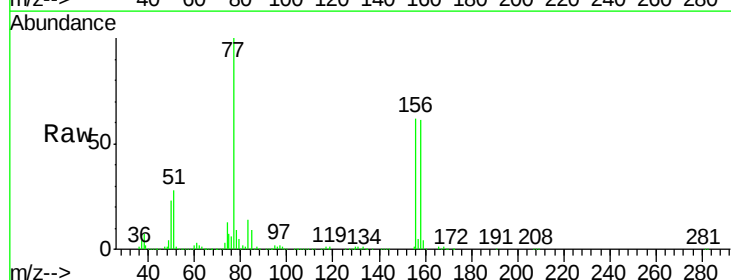
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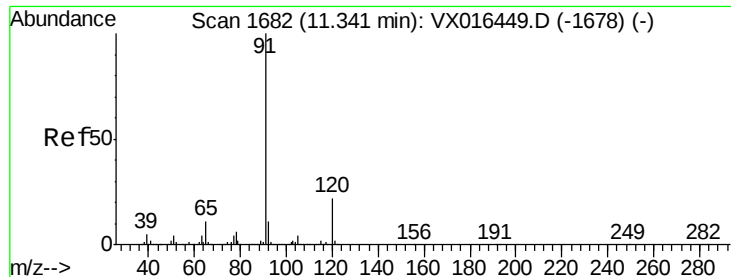
MMDadoda
6/2/2020 11:34:49 AM



#77
Bromobenzene
Concen: 48.390 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion: 156 Resp: 171398
Ion Ratio Lower Upper
156 100
77 156.3 79.6 238.8
158 96.8 48.1 144.4





#78

n-propylbenzene

Concen: 49.165 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 91 Resp: 741783

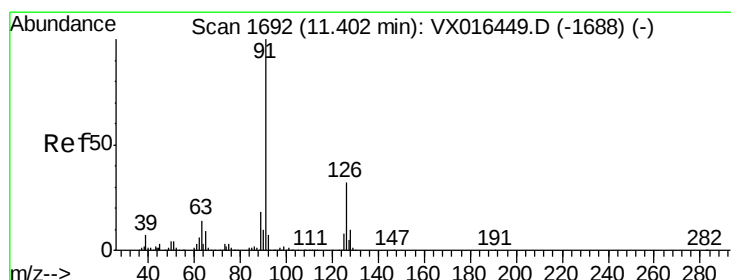
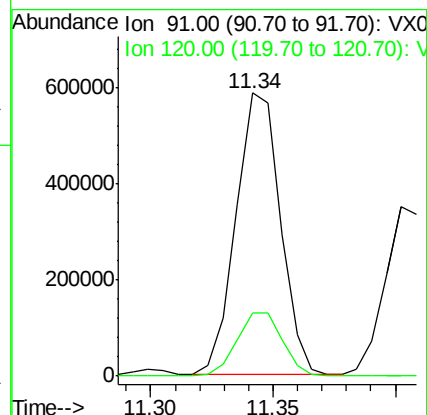
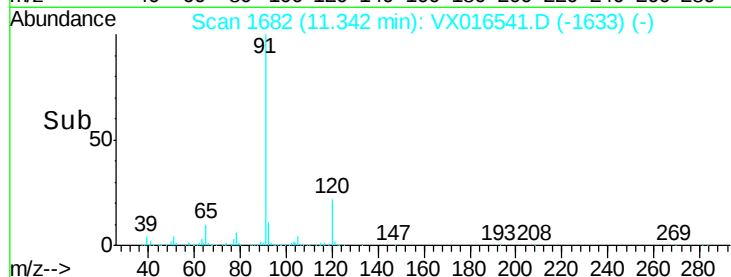
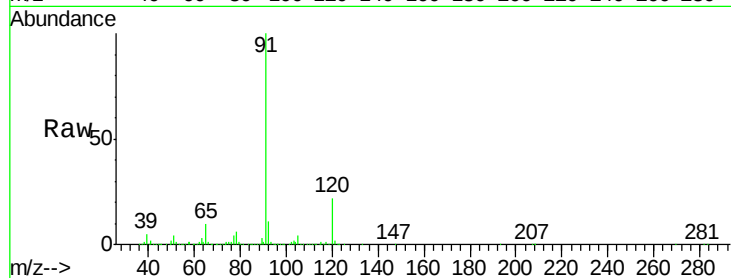
Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.7

Manual Integrations
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MMDadoda
6/2/2020 11:34:49 AM



#79

2-Chlorotoluene

Concen: 48.647 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016541.D

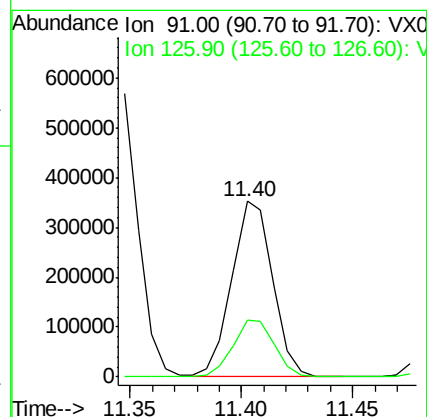
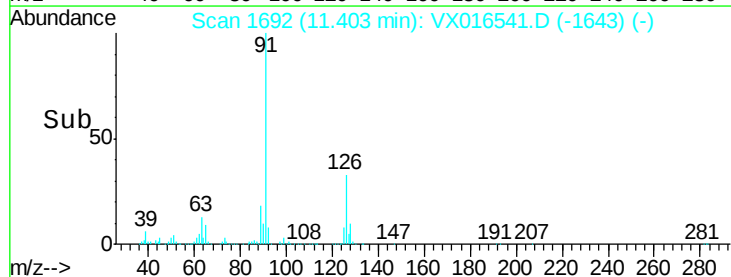
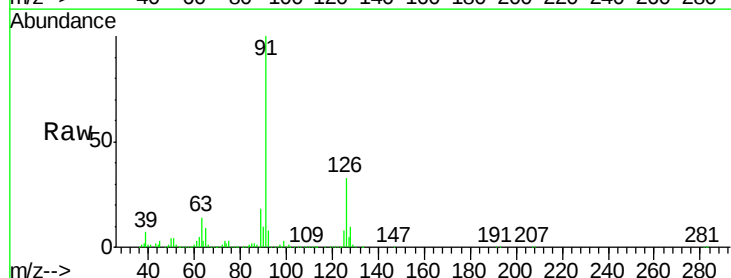
Acq: 01 Jun 2020 19:54

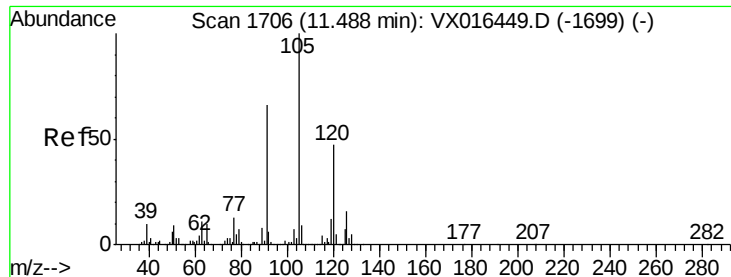
Tgt Ion: 91 Resp: 448016

Ion Ratio Lower Upper

91 100

126 33.2 16.8 50.3





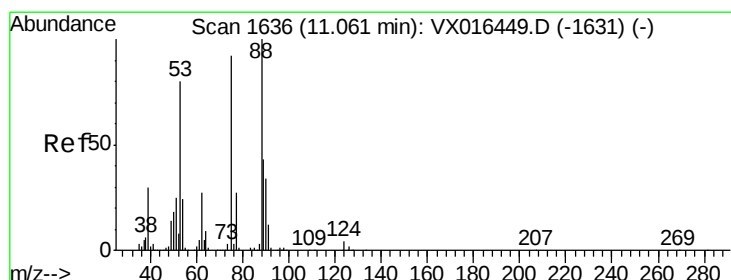
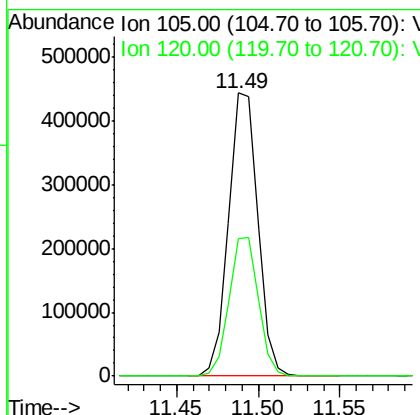
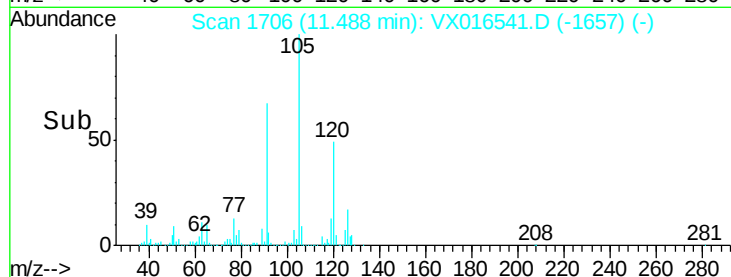
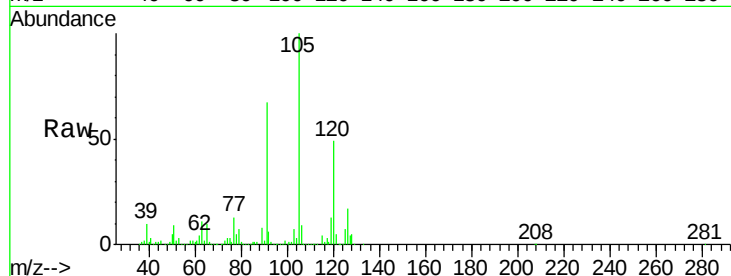
#80
 1,3,5-Trimethylbenzene
 Concen: 49.005 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.3	72.8

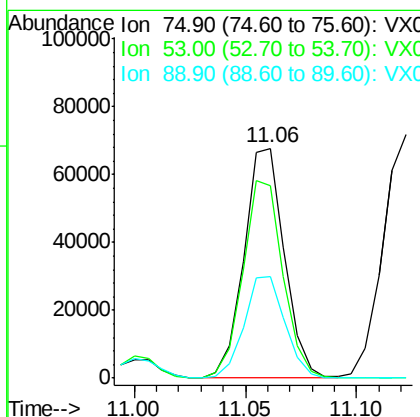
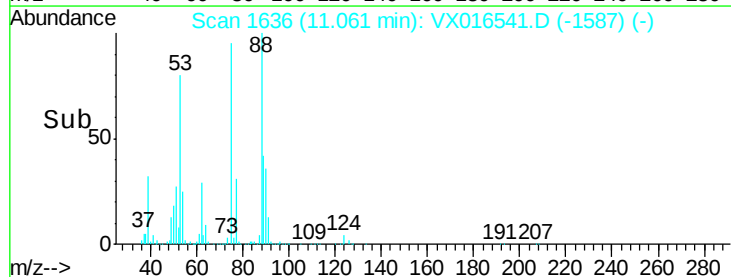
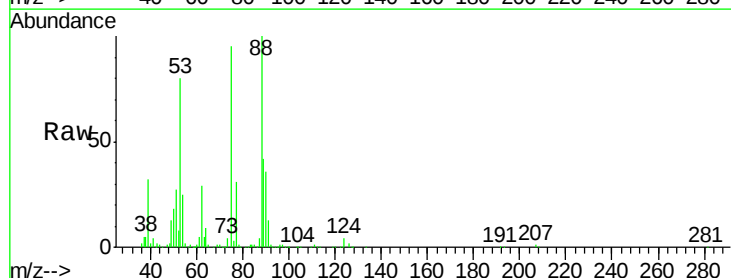
Manual Integrations
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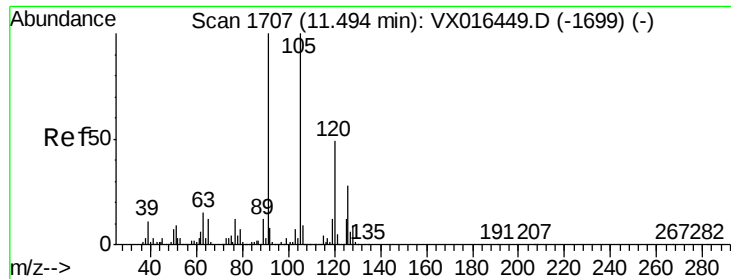
MMDadoda
 6/2/2020 11:34:49 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.900 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.6	71.3	106.9
89	45.1	36.6	55.0





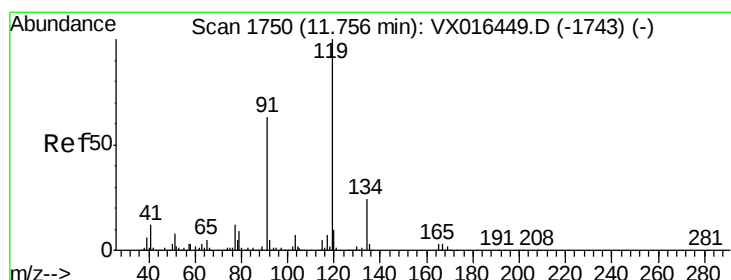
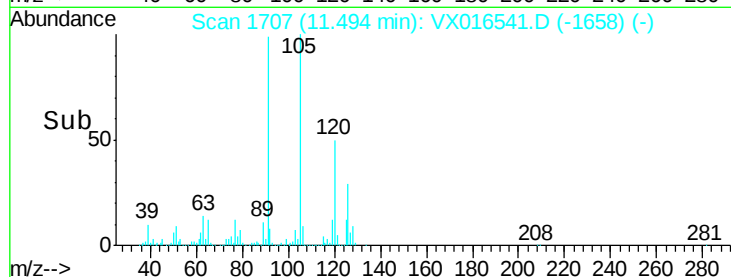
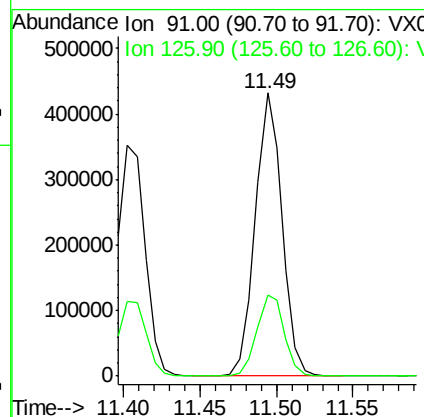
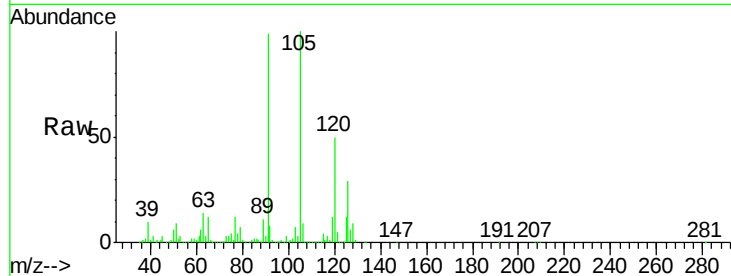
#82
4-Chlorotoluene
Concen: 48.259 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.7	44.1

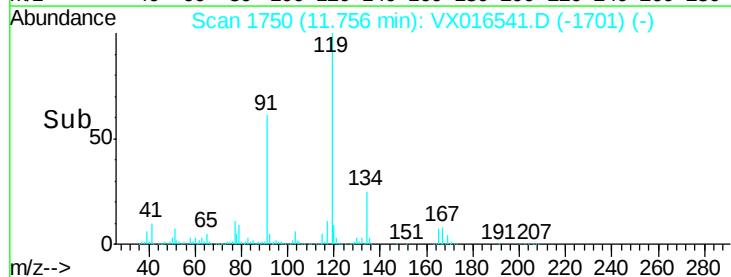
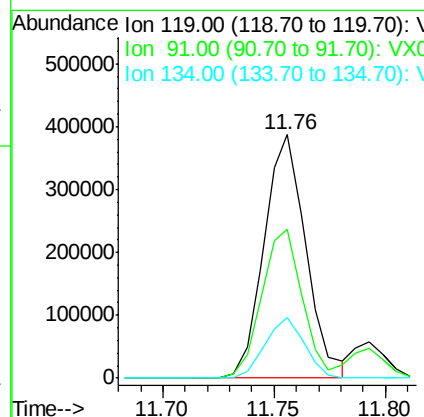
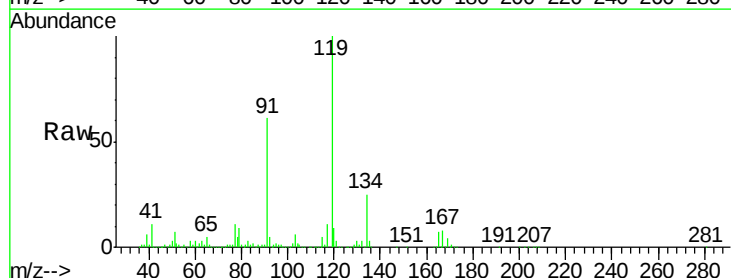
Manual Integrations
APPROVED

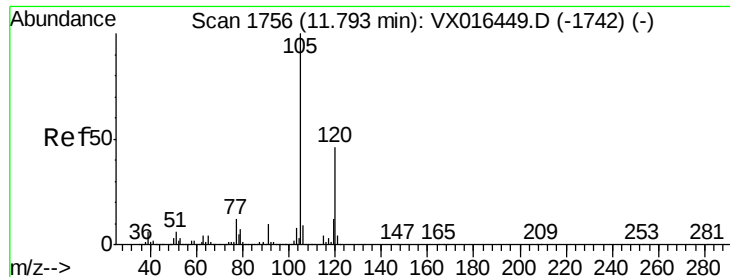
MMDadoda
6/2/2020 11:34:49 AM



#83
tert-Butylbenzene
Concen: 52.445 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.0	31.3	93.8
134	23.5	12.0	36.0





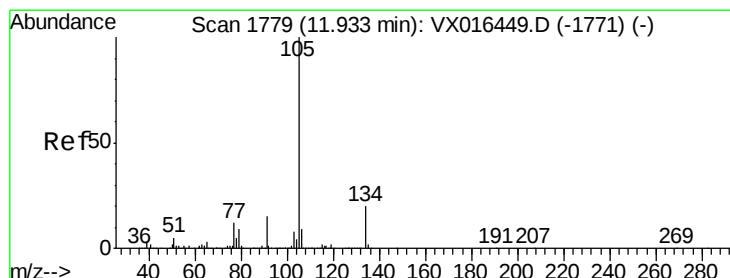
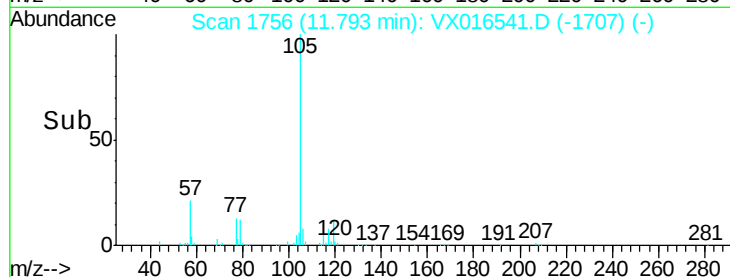
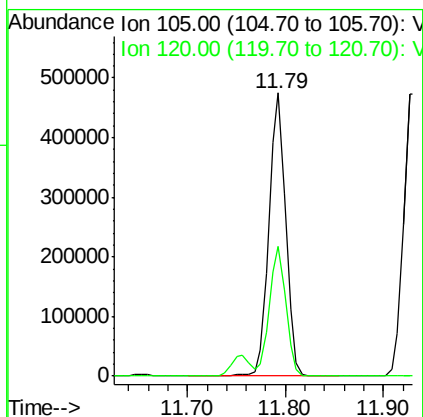
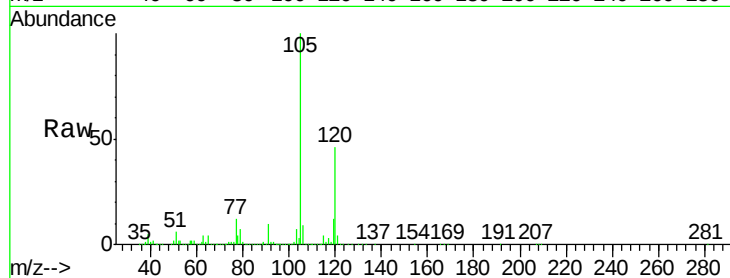
#84
1,2,4-Trimethylbenzene
Concen: 49.485 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7

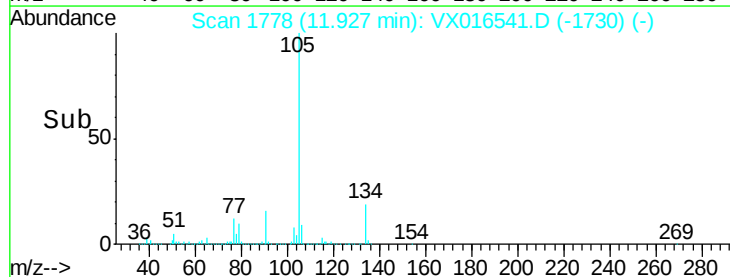
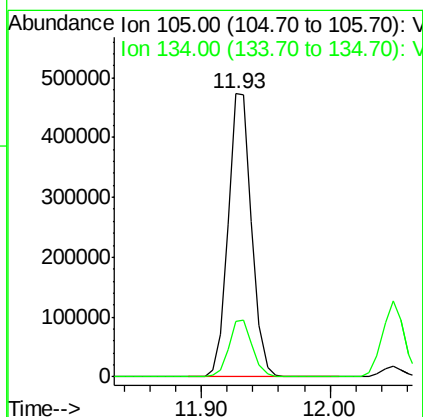
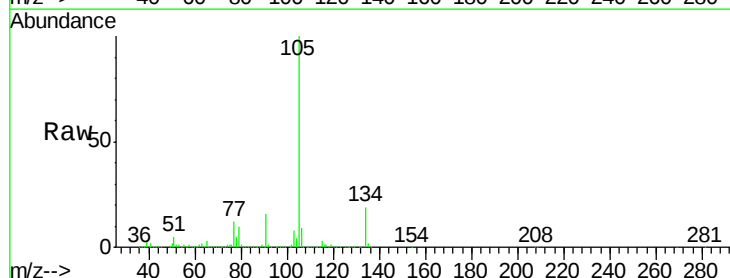
Manual Integrations
APPROVED

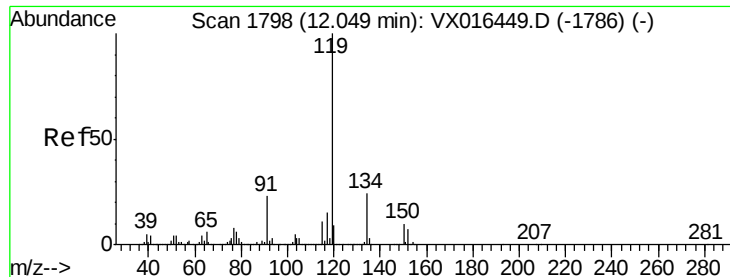
MMDadoda
6/2/2020 11:34:49 AM



#85
sec-Butylbenzene
Concen: 49.941 ug/l
RT: 11.93 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3





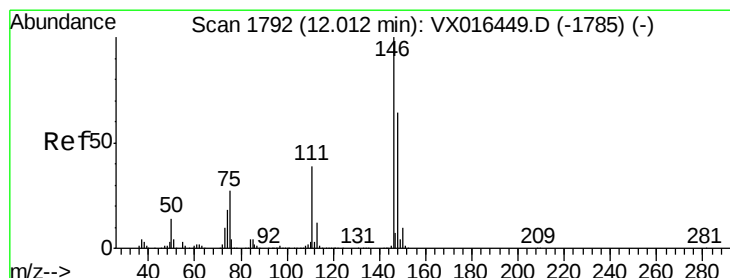
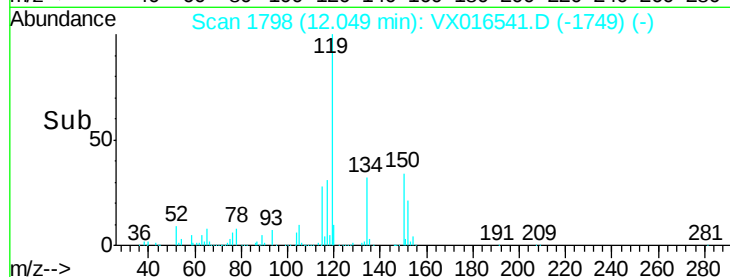
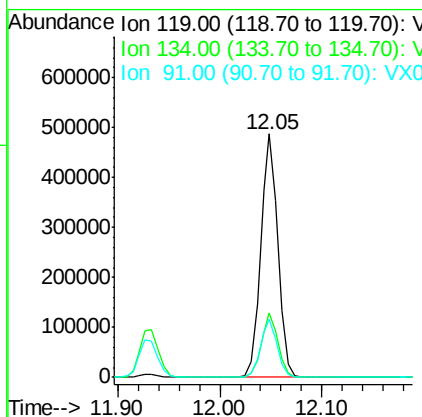
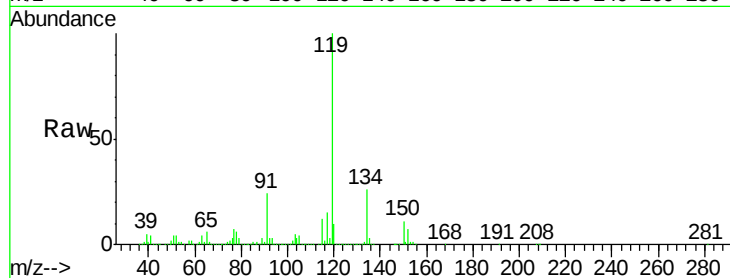
#86
p-Isopropyltoluene
Concen: 50.700 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	574033		
134	25.7		12.7	38.0
91	23.2		11.7	35.0

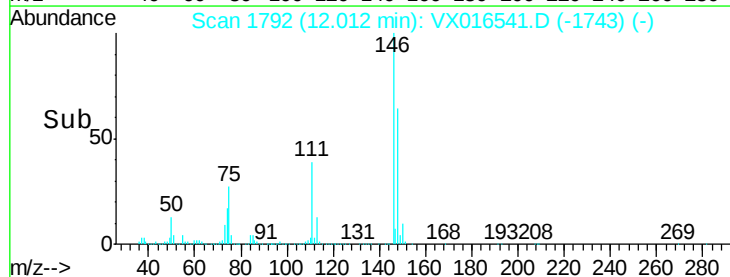
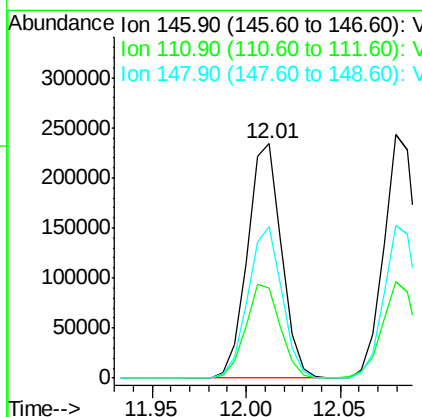
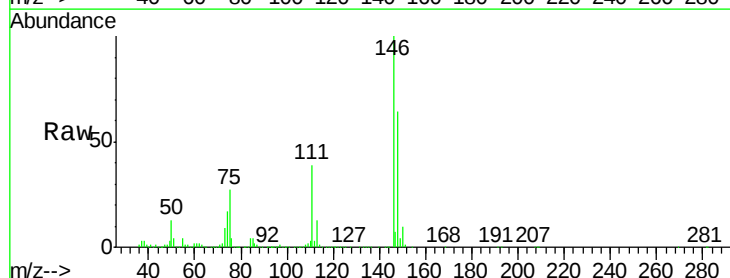
Manual Integrations
APPROVED

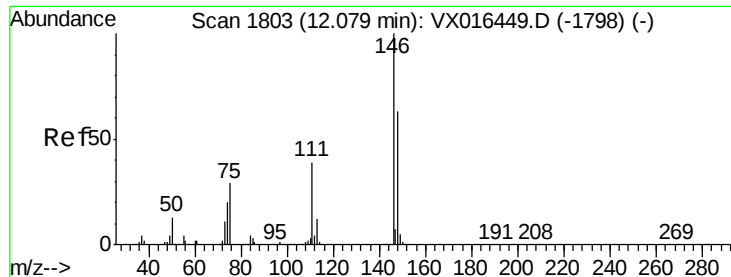
MMDadoda
6/2/2020 11:34:49 AM



#87
1,3-Dichlorobenzene
Concen: 47.865 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	293727		
111	40.2		20.0	60.0
148	64.2		31.9	95.5





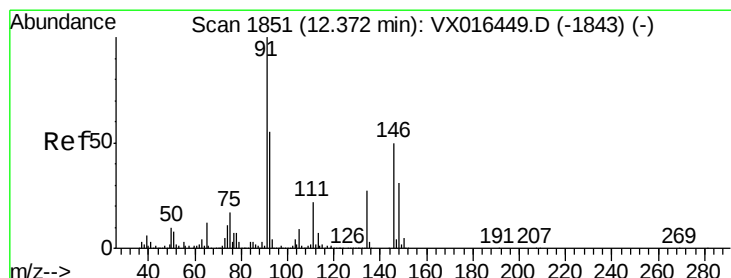
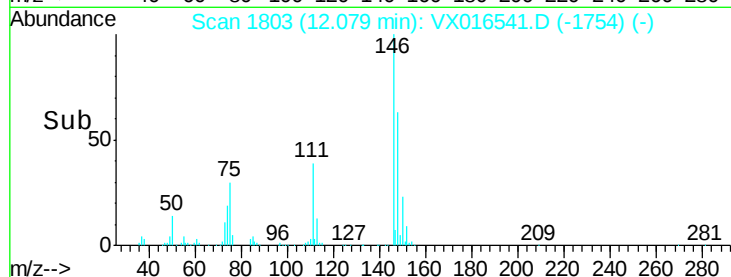
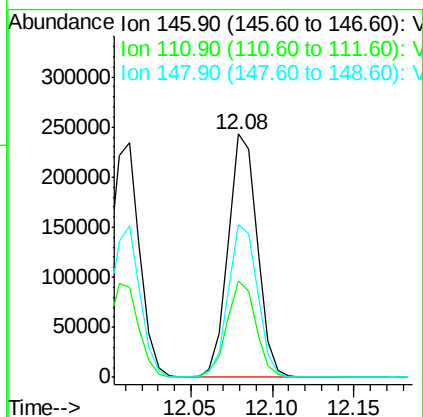
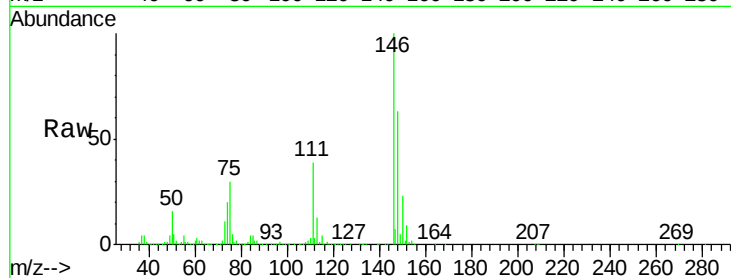
#88
 1,4-Dichlorobenzene
 Concen: 47.864 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.2
148	63.2	31.4	94.3

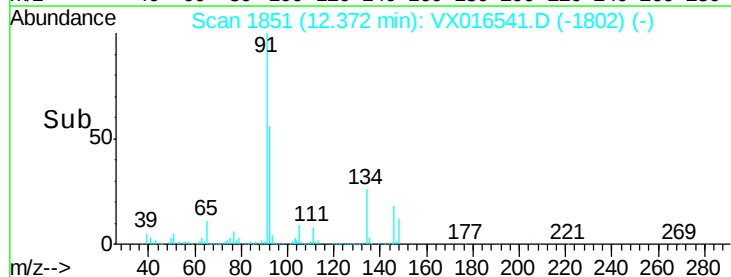
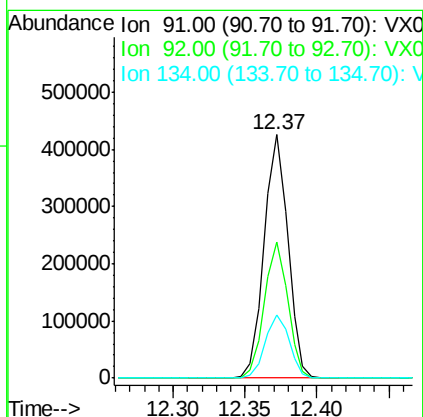
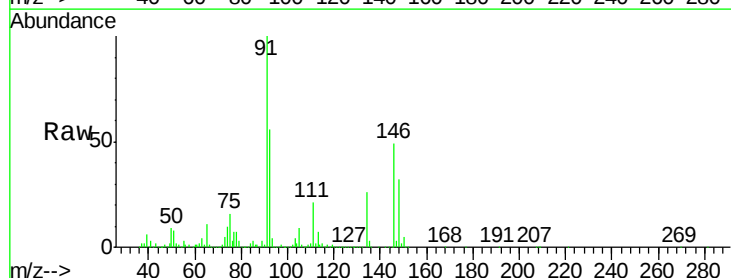
Manual Integrations
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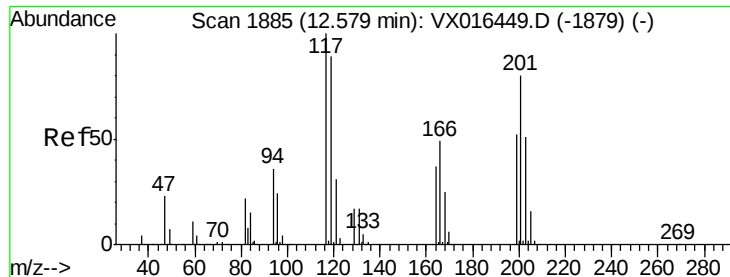
MMDadoda
 6/2/2020 11:34:49 AM



#89
 n-Butylbenzene
 Concen: 51.359 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.5
134	26.5	13.1	39.3





#90

Hexachloroethane

Concen: 49.830 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion:117 Resp: 97450

Ion Ratio Lower Upper

117 100

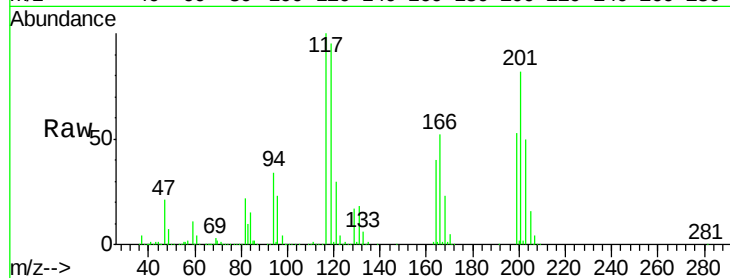
201 84.3 43.1 129.3

Manual Integrations

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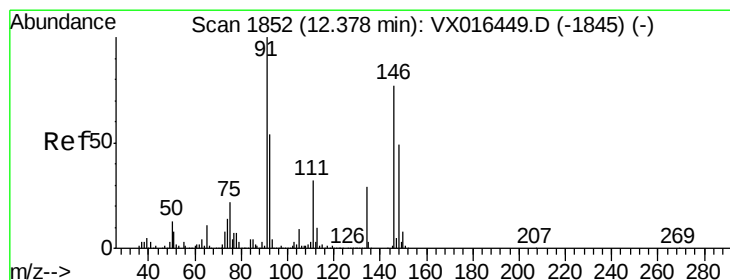
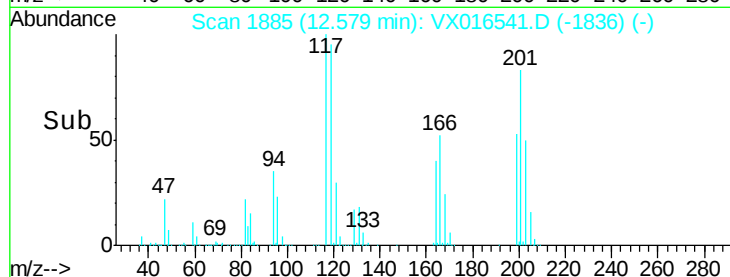
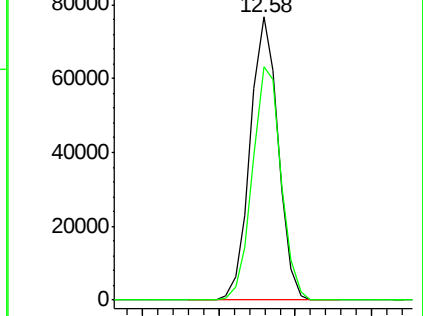
MMDadoda

6/2/2020 11:34:49 AM



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.988 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

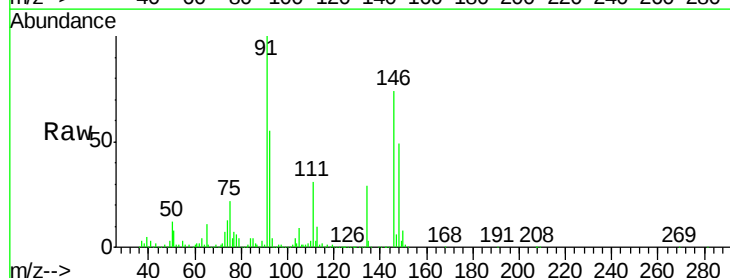
Tgt Ion:146 Resp: 285305

Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.3

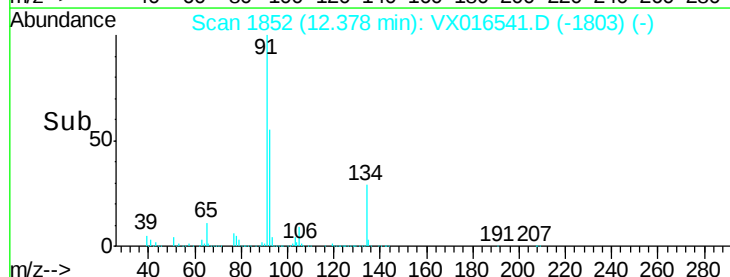
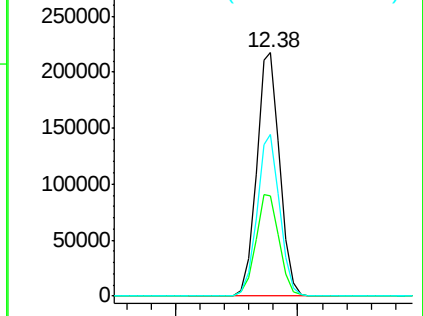
148 65.2 31.9 95.7

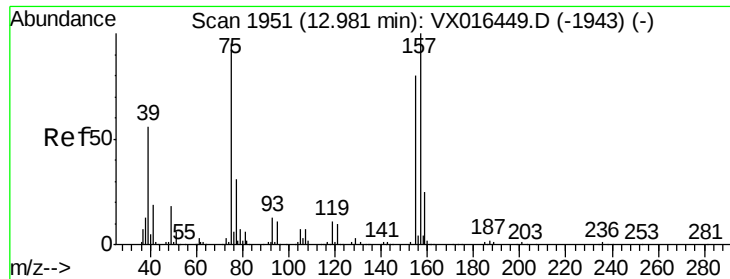


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.150 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 75 Resp: 54979

Ion Ratio Lower Upper

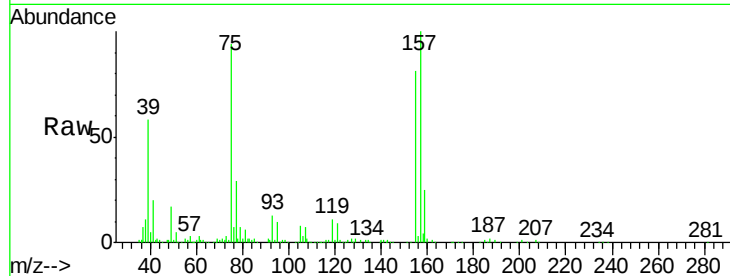
75 100

155 92.3 44.1 132.4

157 116.5 57.8 173.3

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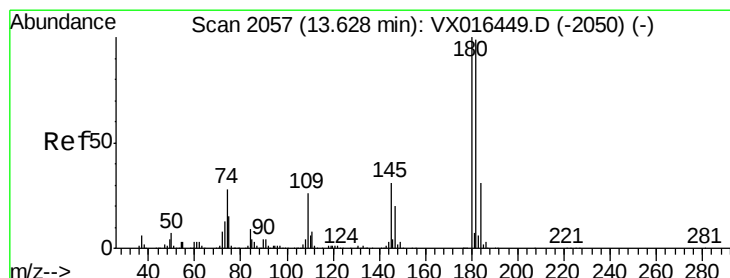
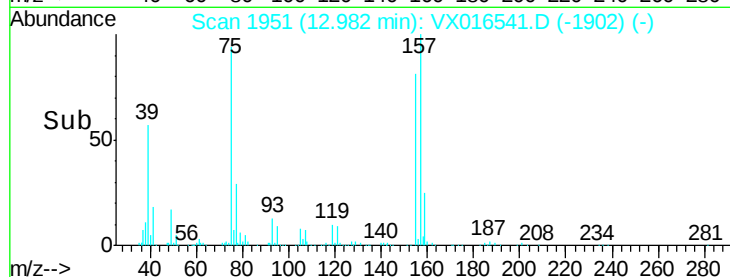
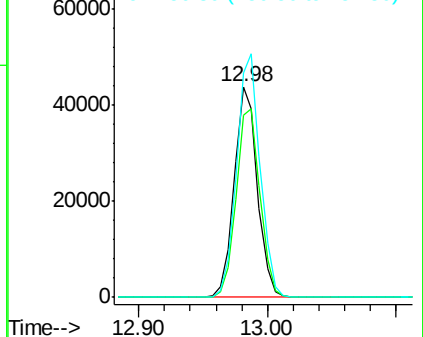
MMDadoda
6/2/2020 11:34:49 AM



Abundance Ion 74.90 (74.60 to 75.60): VX016541.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX016541.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX016541.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.189 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

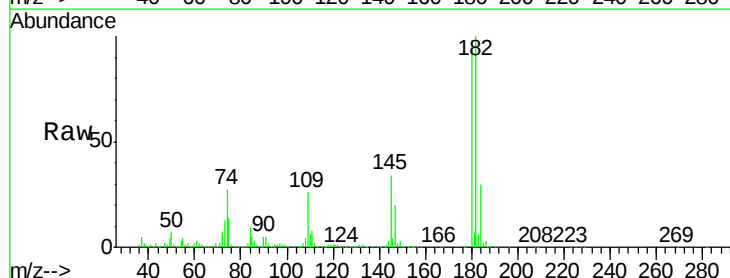
Tgt Ion: 180 Resp: 186325

Ion Ratio Lower Upper

180 100

182 97.7 48.3 144.8

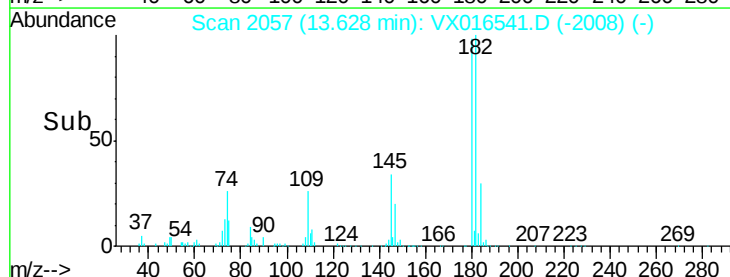
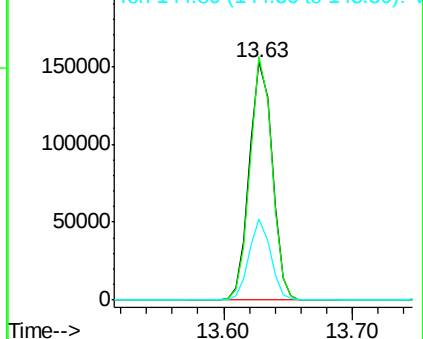
145 32.2 15.4 46.2

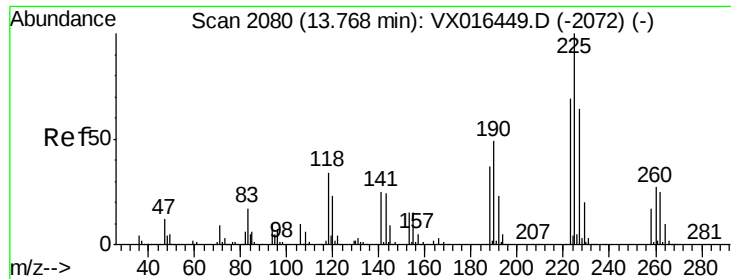


Abundance Ion 179.80 (179.50 to 180.50): VX016541.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016541.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016541.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 48.473 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

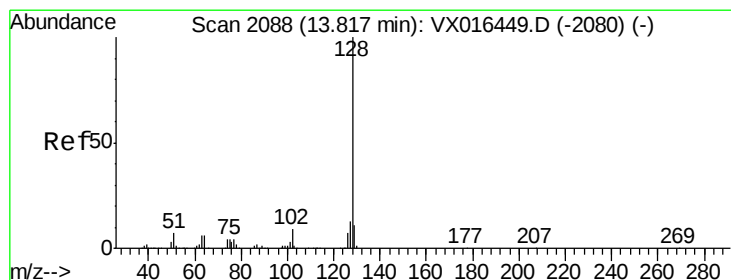
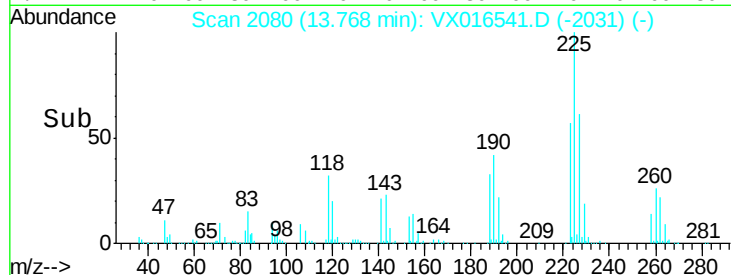
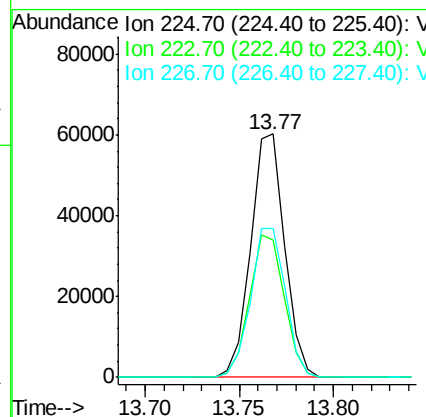
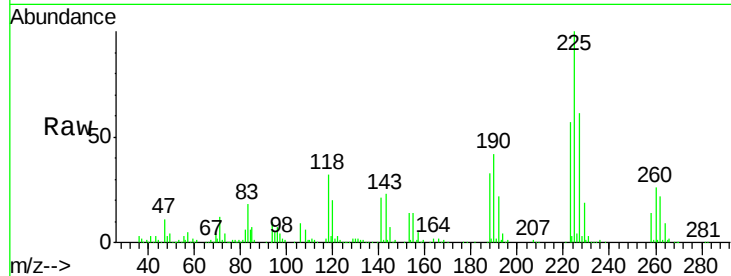
ClientSampleId :

SS050MW113-200527MS

Tot Ion:	225	Resp:	75146
Ion Ratio		Lower	Upper
225	100		
223	60.4	32.3	96.8
227	62.9	31.6	94.7

Manual Integrations
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6/2/2020 11:34:49 AM



#95

Naphthalene

Concen: 45.220 ug/l

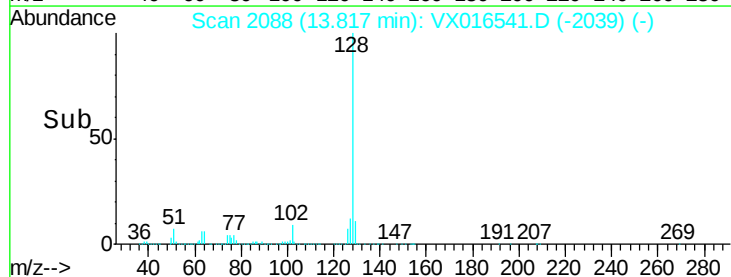
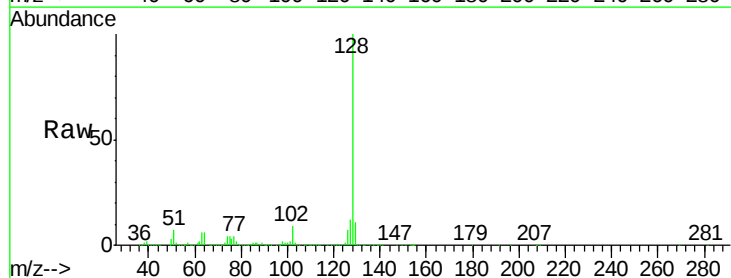
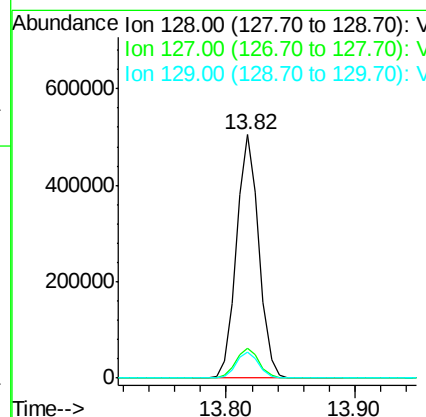
RT: 13.82 min Scan# 2088

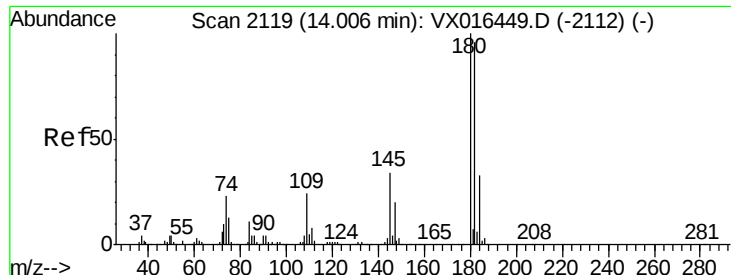
Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion:	128	Resp:	612094
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.9	8.6	13.0





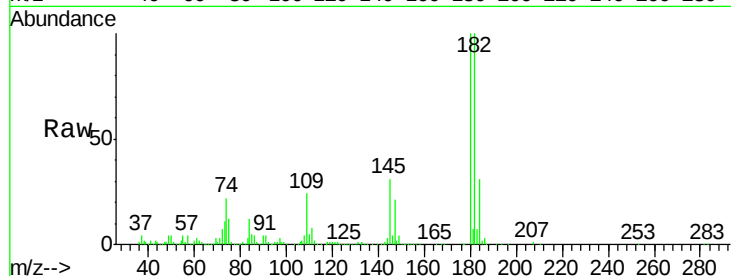
#96
 1,2,3-Trichlorobenzene
 Concen: 45.678 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	48.6	145.8
145	32.7	16.6	49.8

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:34:49 AM



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

