

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016594.D
 Acq On : 04 Jun 2020 20:09
 Operator : JC/SP
 Sample : L2894-16MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602MS

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 10:12:22 AM

Quant Time: Jun 05 07:50:03 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	231183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	366967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143965	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.47	113	117473	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	8.70	98	443613	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	172401	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108827	47.834	ug/l	96
3) Chloromethane	1.31	50	127832	46.495	ug/l	99
4) Vinyl Chloride	1.39	62	6690067	2300.950	ug/l	94
5) Bromomethane	1.62	94	63859	45.172	ug/l	98
6) Chloroethane	1.70	64	83848	49.437	ug/l	98
7) Trichlorofluoromethane	1.92	101	192338	50.371	ug/l	98
8) Diethyl Ether	2.17	74	76756	48.207	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101779	48.431	ug/l	98
10) Methyl Iodide	2.49	142	97095	39.364	ug/l	100
11) Tert butyl alcohol	3.02	59	171988	233.612	ug/l	100
12) 1,1-Dichloroethene	2.36	96	147150	66.150	ug/l	99
13) Acrolein	2.27	56	73156	233.594	ug/l	97
14) Allyl chloride	2.71	41	172485	42.163	ug/l	98
15) Acrylonitrile	3.12	53	373768	247.843	ug/l	99
16) Acetone	2.42	43	303987	241.672	ug/l	99
17) Carbon Disulfide	2.55	76	299980	45.411	ug/l	100
18) Methyl Acetate	2.75	43	158762	49.211	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	408637	51.157	ug/l	97
20) Methylene Chloride	2.83	84	126850	48.743	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	271278	110.252	ug/l	95
22) Diisopropyl ether	3.82	45	373007	47.463	ug/l	96
23) Vinyl Acetate	3.79	43	1627790	236.636	ug/l	97
24) 1,1-Dichloroethane	3.67	63	218646	49.293	ug/l	100
25) 2-Butanone	4.64	43	504024	236.478	ug/l	95
26) 2,2-Dichloropropane	4.57	77	169287	46.641	ug/l #	1
27) cis-1,2-Dichloroethene	4.57	96	19905834	6993.075	ug/l	86
28) Bromochloromethane	4.99	49	86609	42.018	ug/l	90
29) Tetrahydrofuran	5.09	42	330500	240.020	ug/l	96
30) Chloroform	5.18	83	230457	51.564	ug/l	100
31) Cyclohexane	5.55	56	174684	43.775	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	208623	51.559	ug/l	98
36) 1,1-Dichloropropene	5.77	75	166695	47.977	ug/l	98
37) Ethyl Acetate	4.80	43	185423	44.451	ug/l #	80
38) Carbon Tetrachloride	5.76	117	186473	51.070	ug/l	97

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MMDadoda
 6/5/2020 10:12:22 AM

Quant Time: Jun 05 07:50:03 2020
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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	178580	47.320	ug/l	98
40) Benzene	6.11	78	535542	51.759	ug/l	100
41) Methacrylonitrile	5.01	41	103895	45.343	ug/l	97
42) 1,2-Dichloroethane	6.17	62	184829	50.231	ug/l	99
43) Isopropyl Acetate	6.42	43	300644	46.206	ug/l	98
44) Trichloroethene	7.19	130	157316	47.921	ug/l	98
45) 1,2-Dichloropropane	7.49	63	129060	48.996	ug/l	97
46) Dibromomethane	7.64	93	88042	49.763	ug/l	95
47) Bromodichloromethane	7.88	83	187971	51.312	ug/l	99
48) Methyl methacrylate	7.75	41	146878	47.146	ug/l	97
49) 1,4-Dioxane	7.71	88	65898	903.853	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	980785	242.083	ug/l	98
52) Toluene	8.77	92	336387	51.556	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	212648	51.049	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	219200	49.715	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134137	51.706	ug/l	96
56) Ethyl methacrylate	9.16	69	211155	49.978	ug/l	97
57) 1,3-Dichloropropane	9.35	76	225234	50.582	ug/l	99
59) 2-Hexanone	9.48	43	761694	241.759	ug/l	97
60) Dibromochloromethane	9.57	129	156553	53.625	ug/l	100
61) 1,2-Dibromoethane	9.65	107	142431	51.271	ug/l	100
64) Tetrachloroethene	9.32	164	172950	44.641	ug/l	99
65) Chlorobenzene	10.12	112	905130	128.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	139898	51.912	ug/l	99
67) Ethyl Benzene	10.24	91	620001	49.326	ug/l	100
68) m/p-Xylenes	10.34	106	467865	100.391	ug/l	99
69) o-Xylene	10.68	106	229924	50.943	ug/l	97
70) Styrene	10.70	104	400659	51.645	ug/l	100
71) Bromoform	10.84	173	121928	53.534	ug/l	100
73) Isopropylbenzene	11.00	105	598359	49.541	ug/l	100
74) N-amyl acetate	10.88	43	251283	45.231	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	172217	56.894	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	190711m	49.774	ug/l	
77) Bromobenzene	11.24	156	161000	50.823	ug/l	96
78) n-propylbenzene	11.34	91	660652	48.960	ug/l	98
79) 2-Chlorotoluene	11.40	91	410620	49.853	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	507957	50.368	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73587	47.243	ug/l	98
82) 4-Chlorotoluene	11.49	91	487482	50.119	ug/l	99
83) tert-Butylbenzene	11.76	119	455729	52.886	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	519737	50.959	ug/l	100
85) sec-Butylbenzene	11.93	105	546885	50.591	ug/l	100
86) p-Isopropyltoluene	12.05	119	514378	50.797	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	282012	51.385	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322470	57.450	ug/l	98
89) n-Butylbenzene	12.37	91	417701	49.524	ug/l	98
90) Hexachloroethane	12.58	117	90553	51.772	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	409257	76.968	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48655	49.624	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	187439	53.078	ug/l	98

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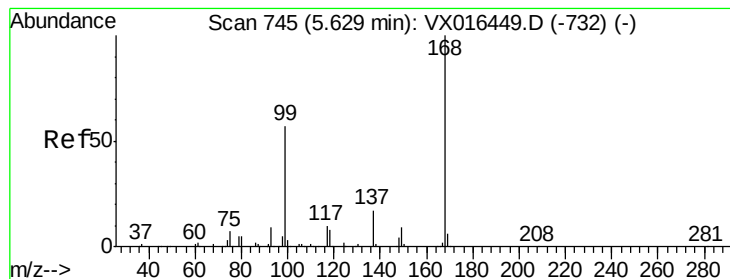
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	72478	52.274	ug/l	99
95) Naphthalene	13.82	128	618981	51.130	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176419	50.993	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: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion:168 Resp: 231183

Ion Ratio Lower Upper

168 100

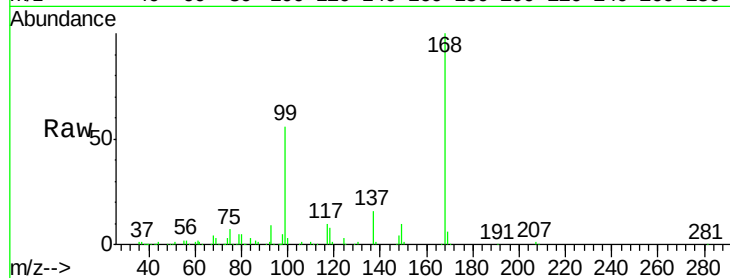
99 56.1 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

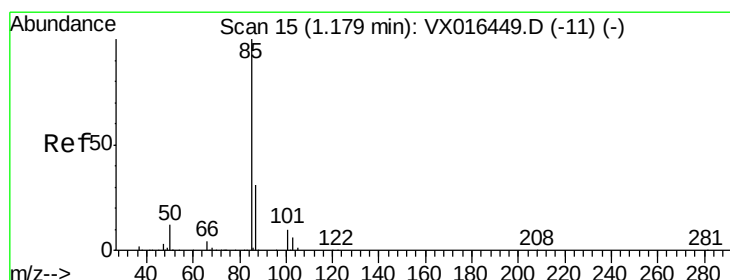
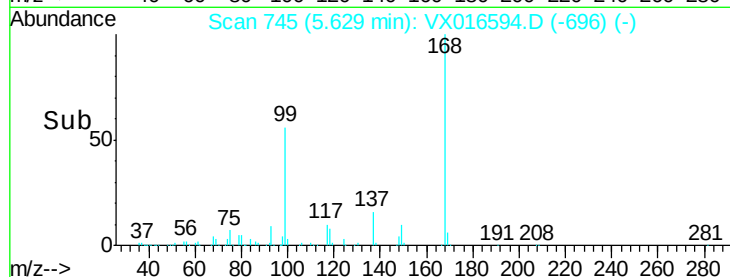
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.834 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016594.D

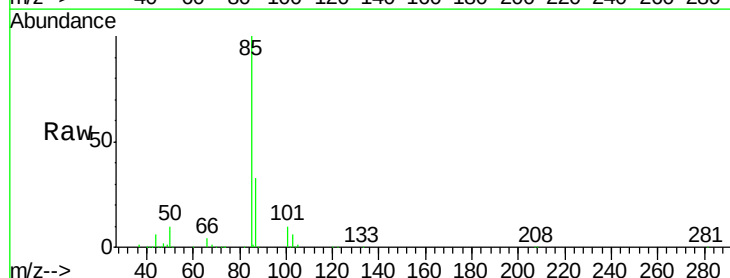
Acq: 04 Jun 2020 20:09

Tgt Ion: 85 Resp: 108827

Ion Ratio Lower Upper

85 100

87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

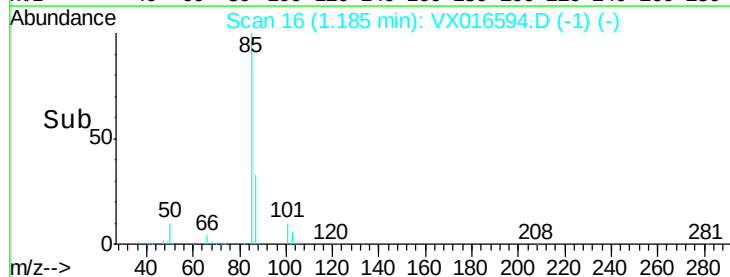
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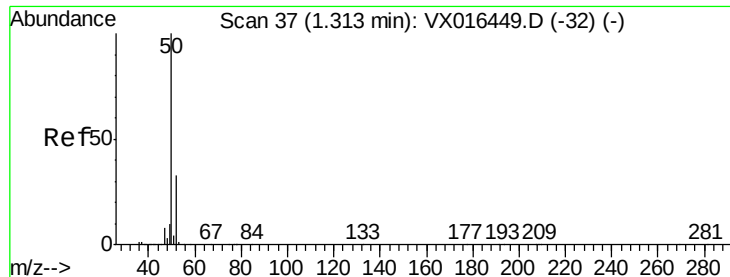
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.495 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 50 Resp: 127832

Ion Ratio Lower Upper

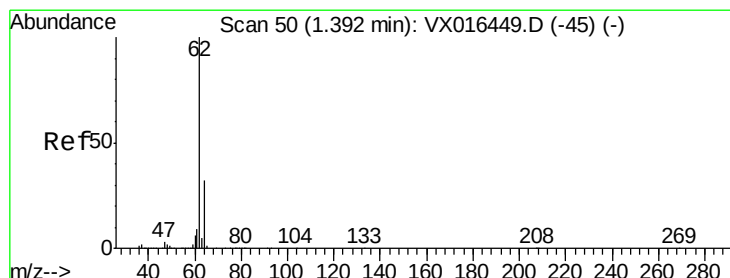
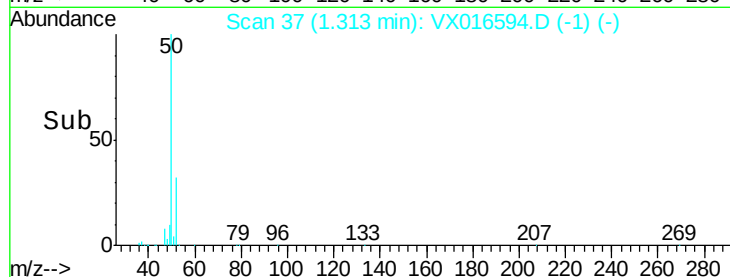
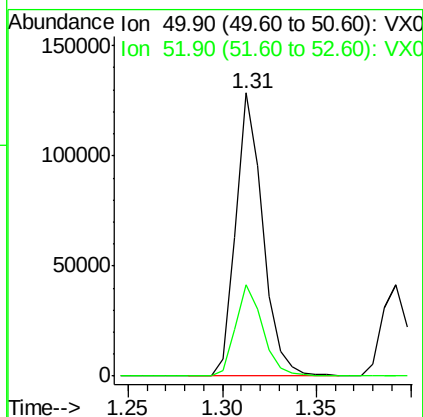
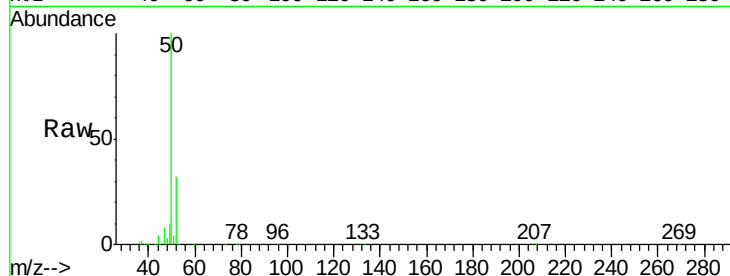
50 100

52 32.3 26.2 39.2

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#4

Vinyl Chloride

Concen: 2300.950 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016594.D

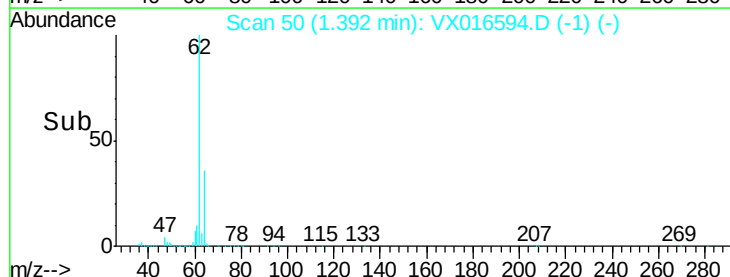
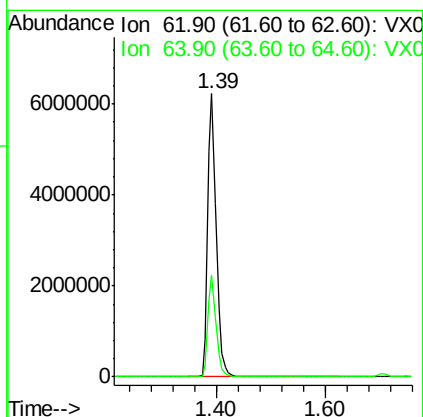
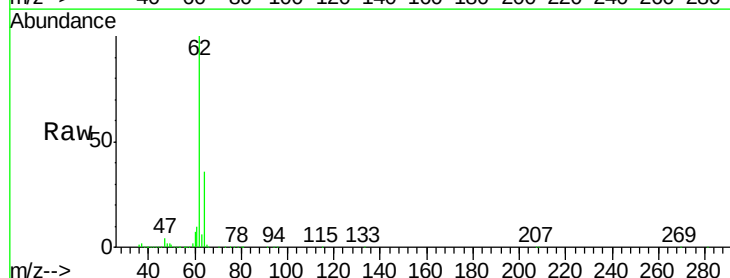
Acq: 04 Jun 2020 20:09

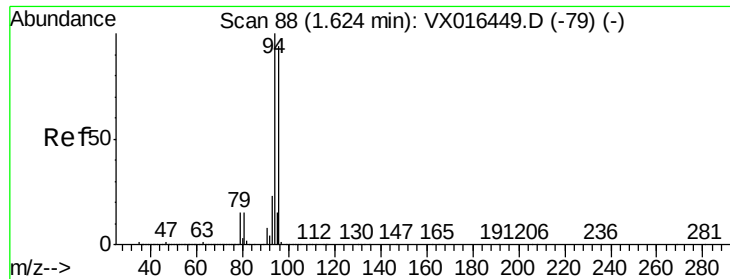
Tgt Ion: 62 Resp: 6690067

Ion Ratio Lower Upper

62 100

64 36.0 25.9 38.9





#5

Bromomethane

Concen: 45.172 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 94 Resp: 63859

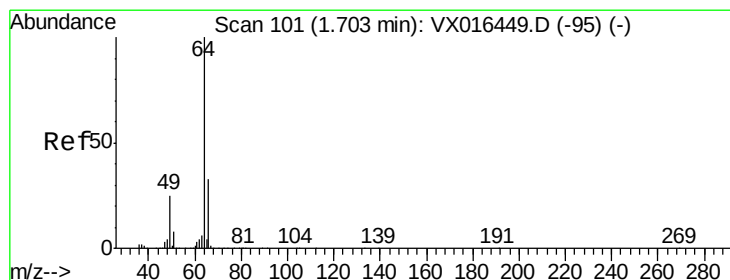
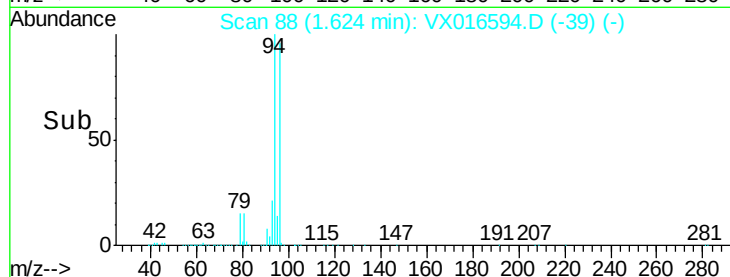
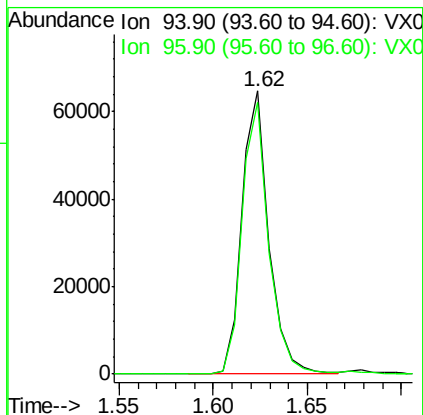
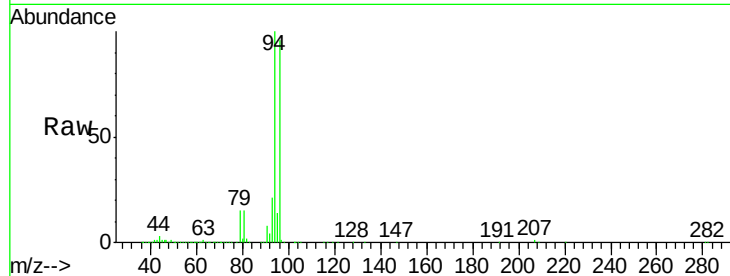
Ion Ratio Lower Upper

94 100

96 96.1 75.1 112.7

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#6

Chloroethane

Concen: 49.437 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016594.D

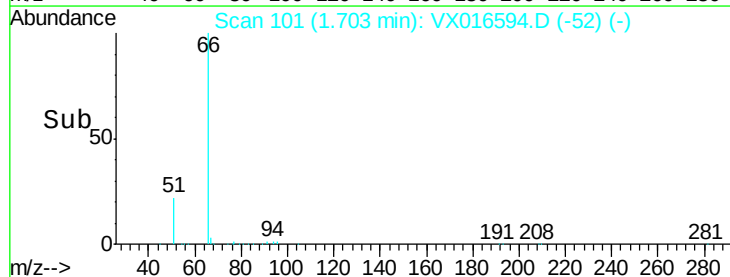
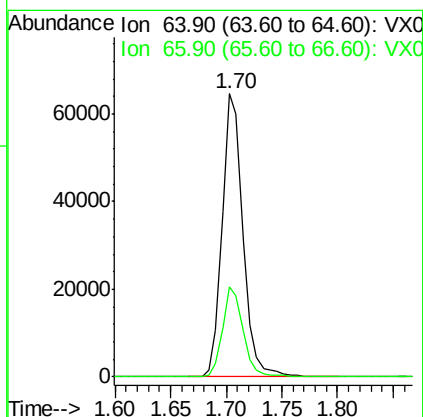
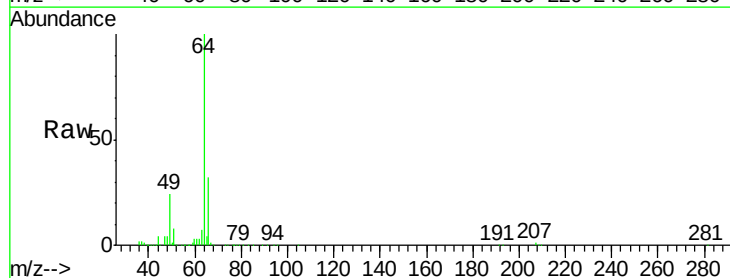
Acq: 04 Jun 2020 20:09

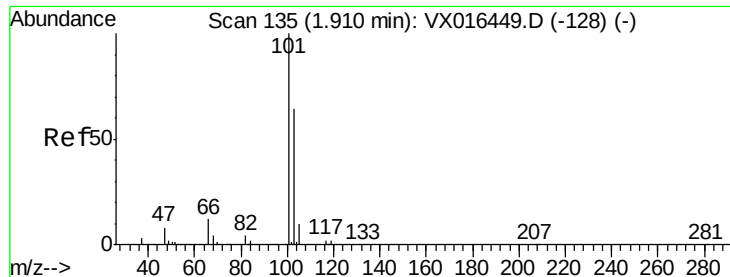
Tgt Ion: 64 Resp: 83848

Ion Ratio Lower Upper

64 100

66 32.0 26.7 40.1





#7

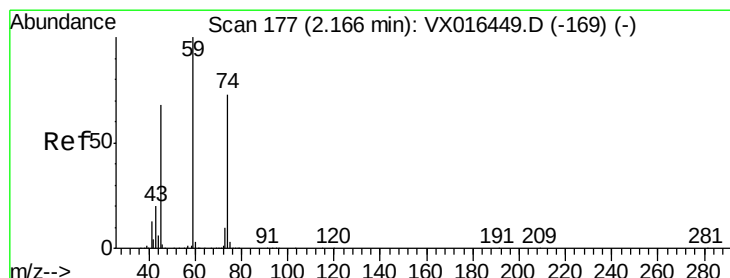
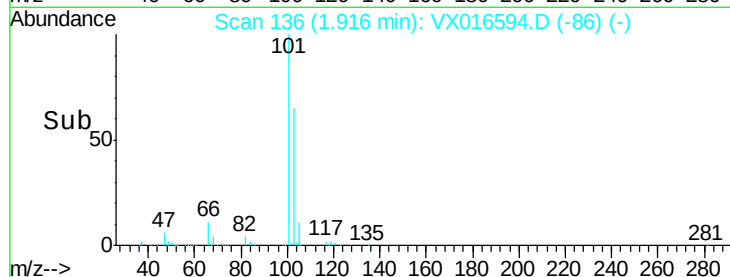
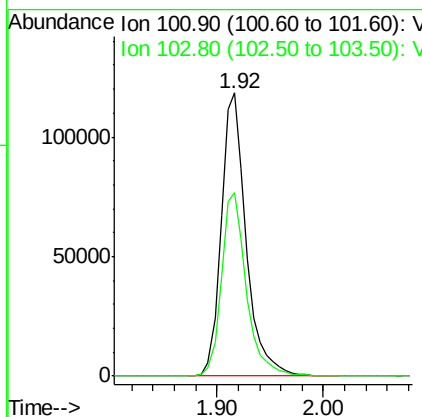
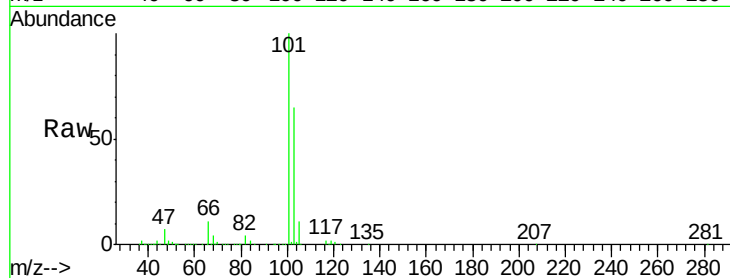
Trichlorofluoromethane
Concen: 50.371 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
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ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.9	76.3

Manual Integrations
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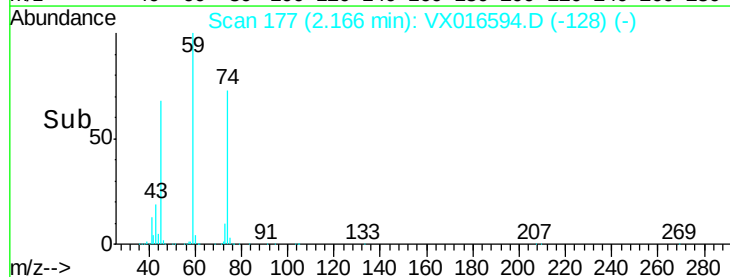
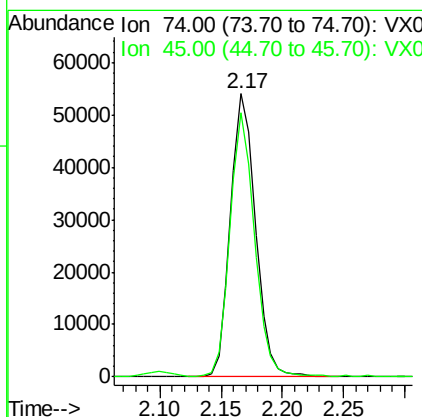
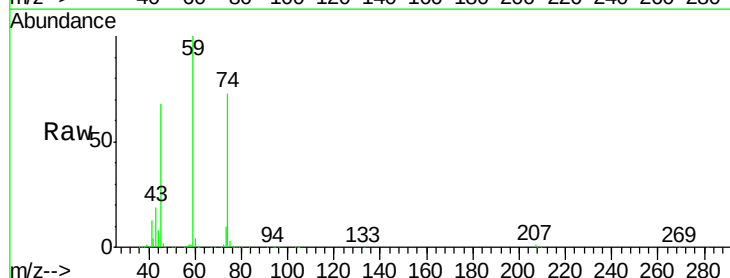
MMDadoda
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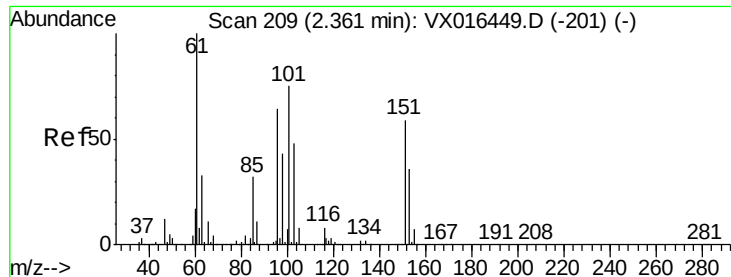


#8

Diethyl Ether
Concen: 48.207 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.431 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

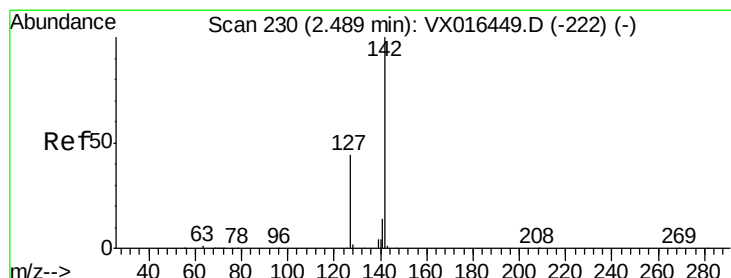
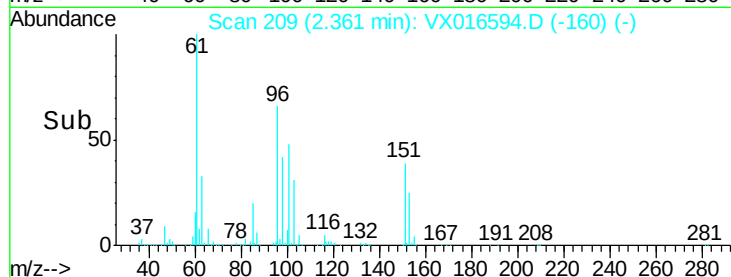
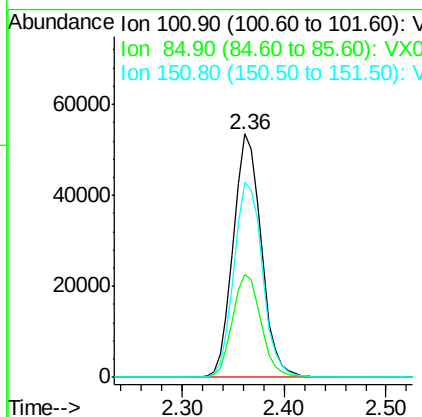
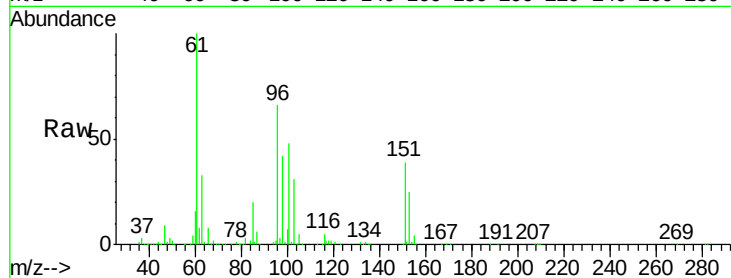
ClientSampleId :

SS032MW008-200602MS

Tot Ion:	101	Resp:	101779
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.4	51.6
151	81.8	63.8	95.6

Manual Integrations
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6/5/2020 10:12:22 AM



#10

Methyl Iodide

Concen: 39.364 ug/l

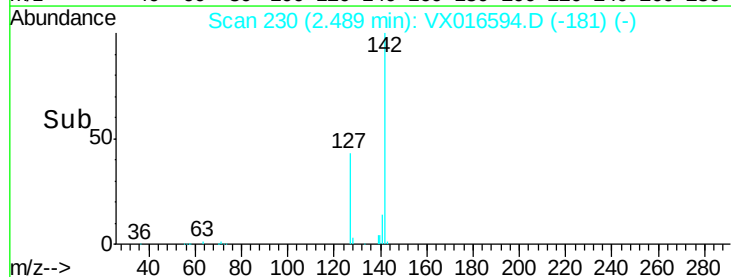
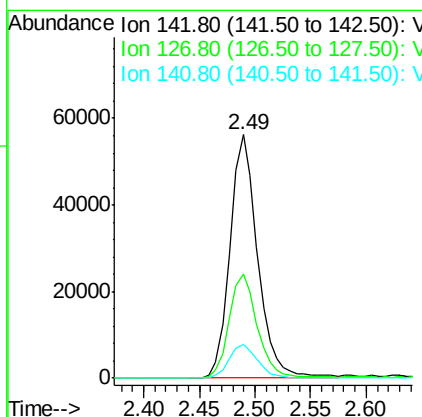
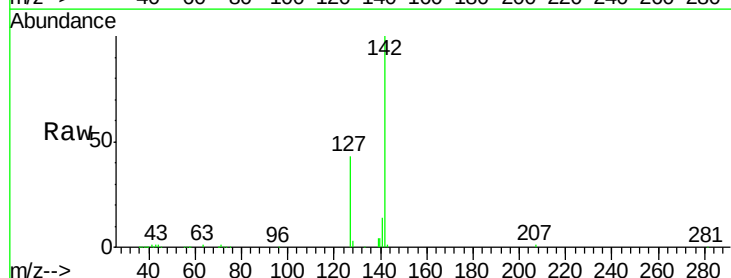
RT: 2.49 min Scan# 230

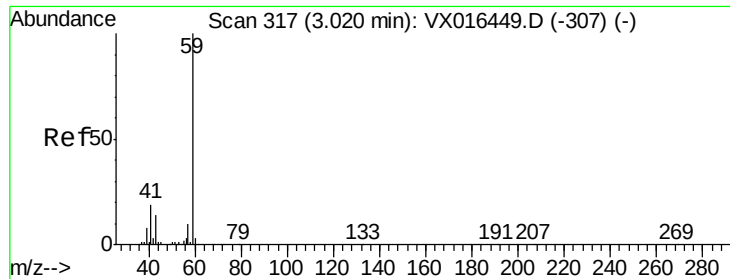
Delta R.T. 0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion:	142	Resp:	97095
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.3	52.9
141	14.3	11.4	17.2





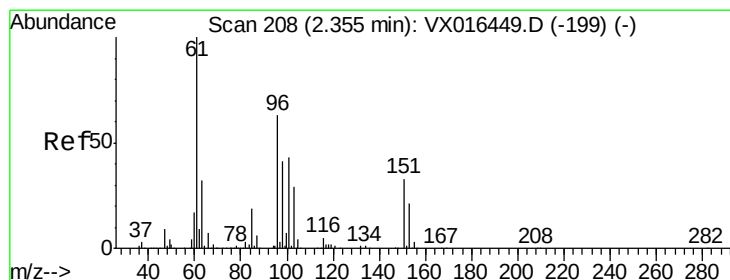
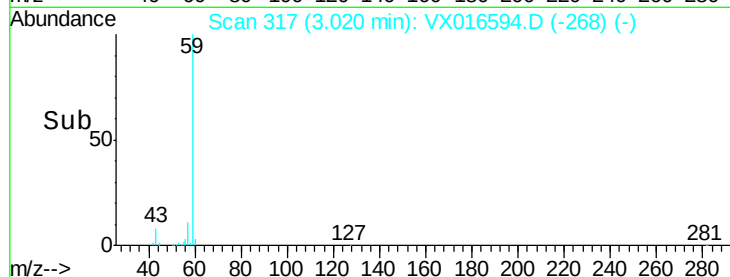
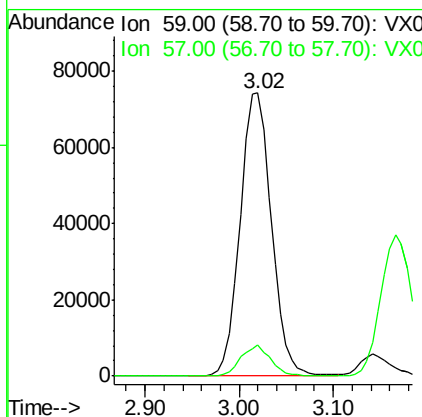
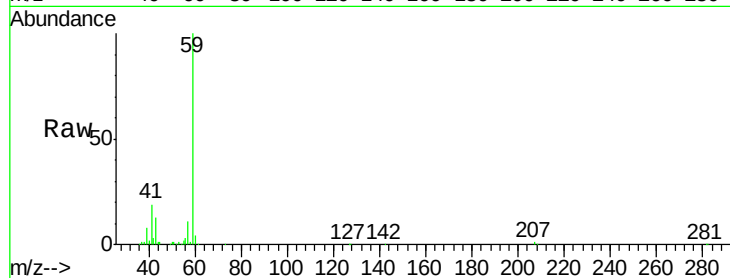
#11
Tert butyl alcohol
Concen: 233.612 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

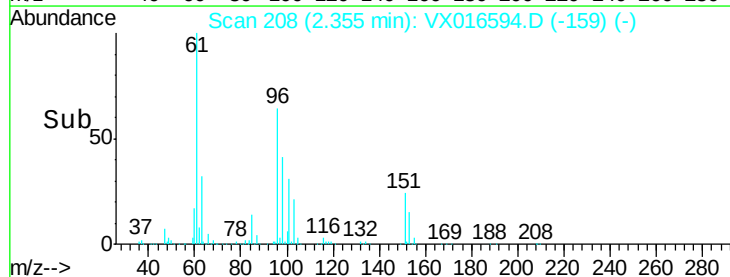
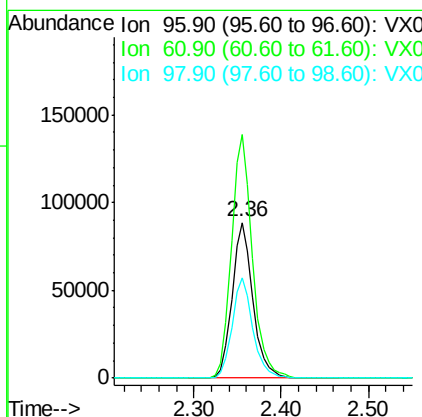
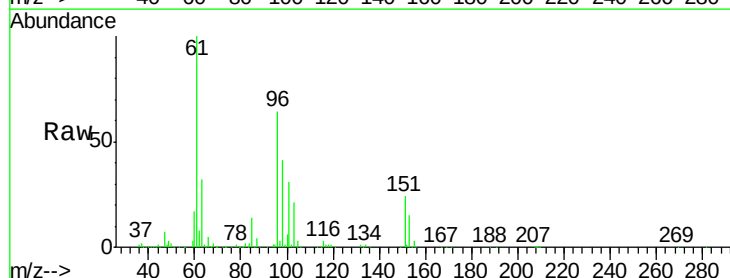
Manual Integrations
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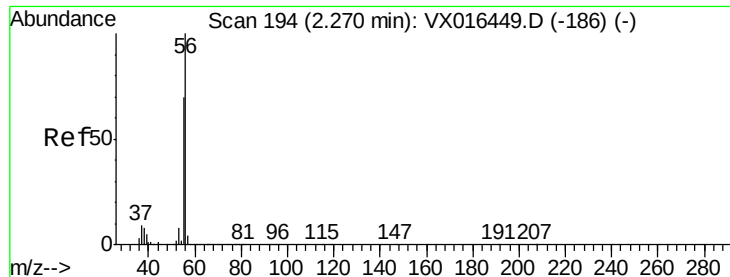
MMDadoda
6/5/2020 10:12:22 AM



#12
1,1-Dichloroethene
Concen: 66.150 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.2	126.6	189.8
98	64.3	51.3	76.9





#13

Acrolein

Concen: 233.594 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 56 Resp: 73156

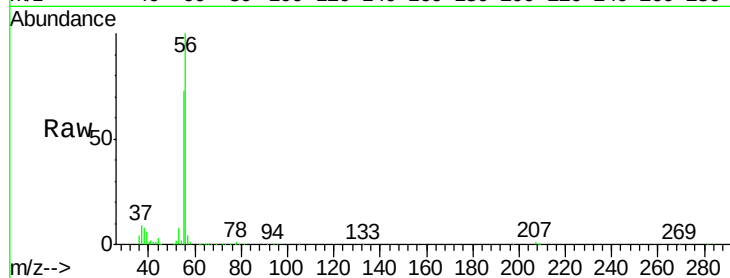
Ion Ratio Lower Upper

56 100

55 70.6 58.3 87.5

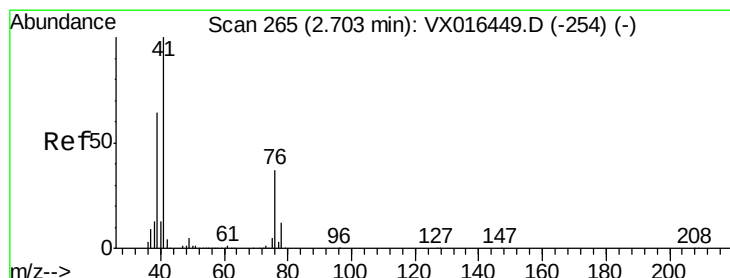
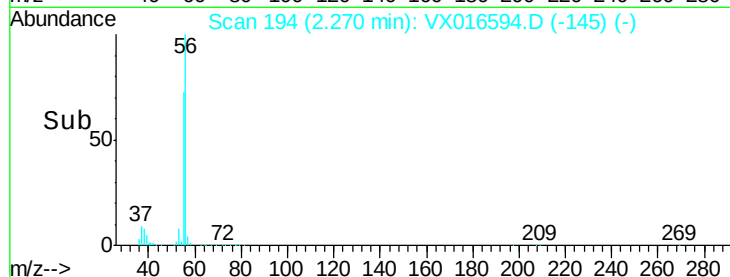
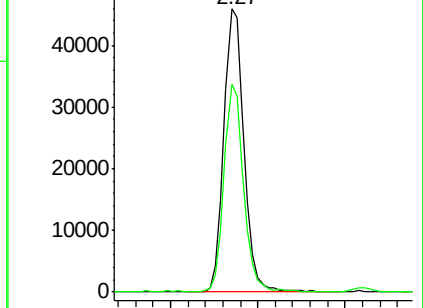
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 42.163 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

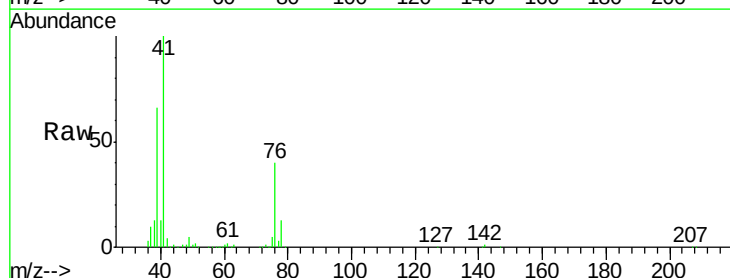
Tgt Ion: 41 Resp: 172485

Ion Ratio Lower Upper

41 100

39 60.1 47.7 71.5

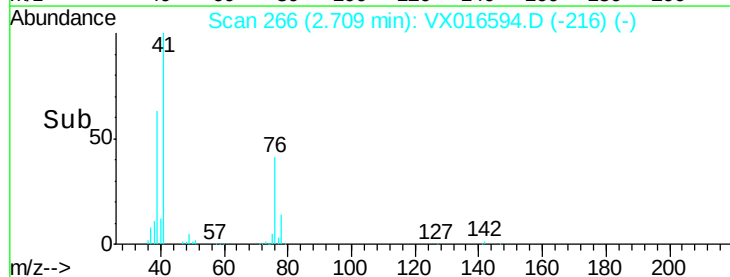
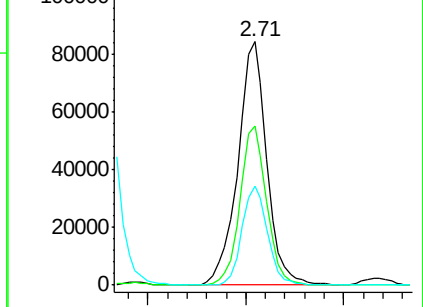
76 35.7 26.6 40.0

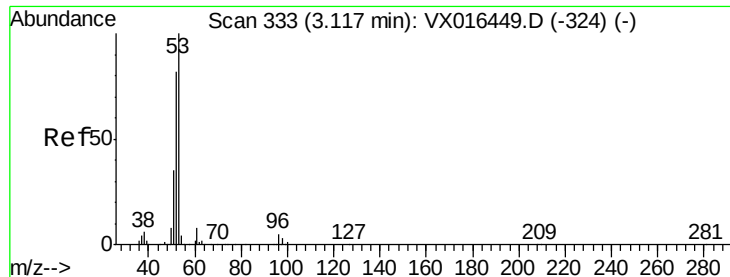


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 247.843 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

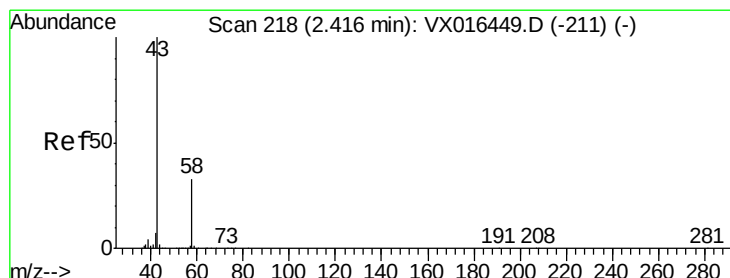
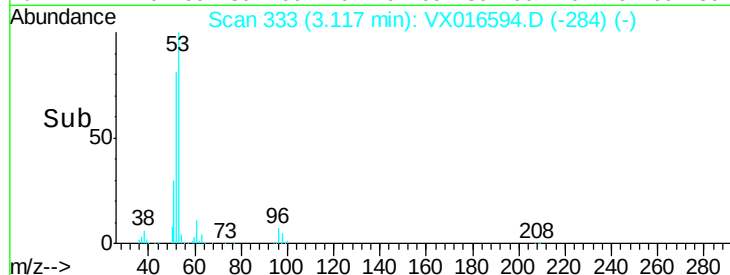
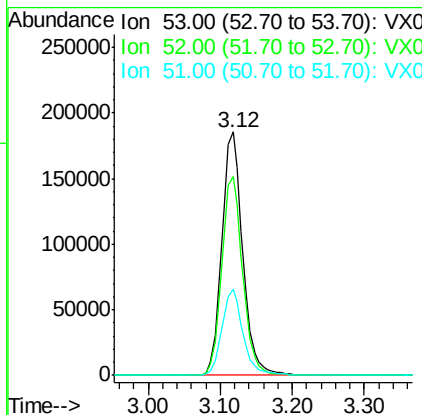
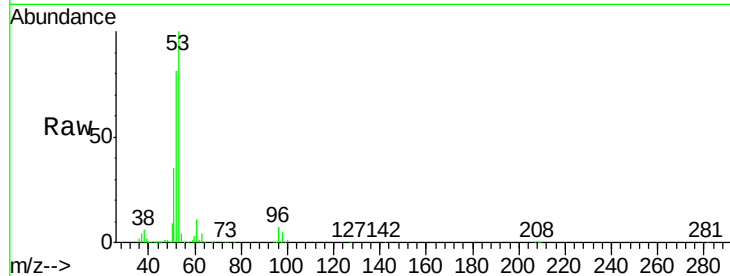
ClientSampleId :

SS032MW008-200602MS

Tot Ion:	53	Resp:	373768
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.7	100.1
51	35.7	28.6	43.0

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#16

Acetone

Concen: 241.672 ug/l

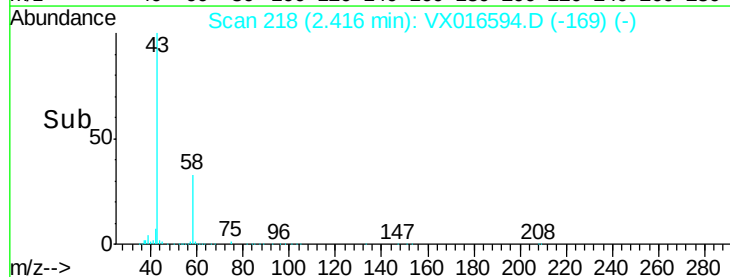
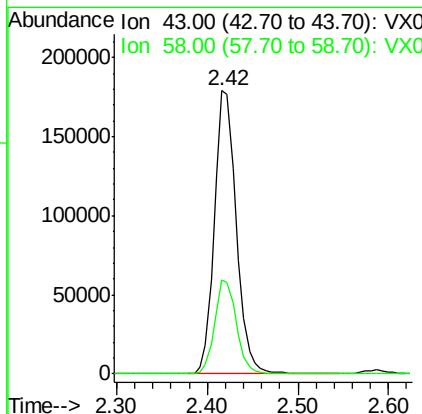
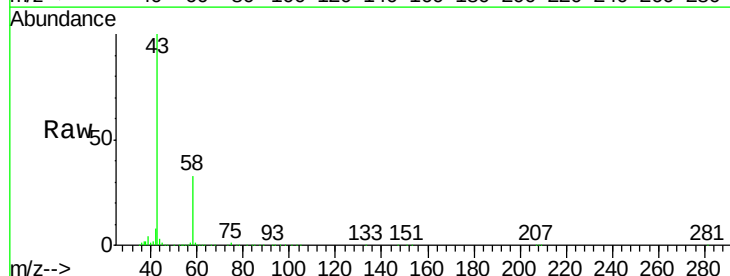
RT: 2.42 min Scan# 218

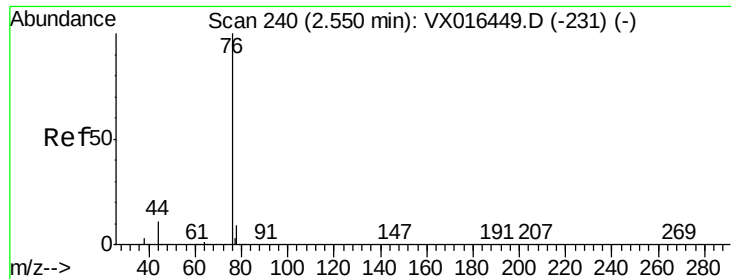
Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion:	43	Resp:	303987
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.1	39.1





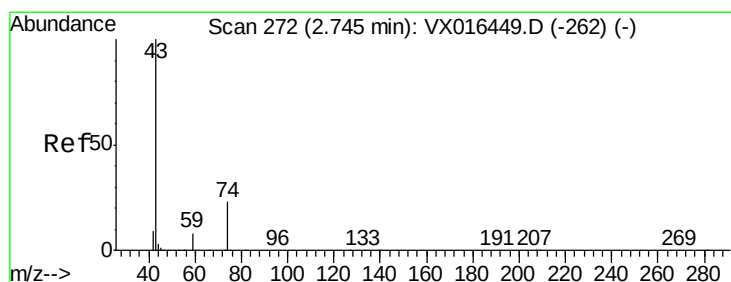
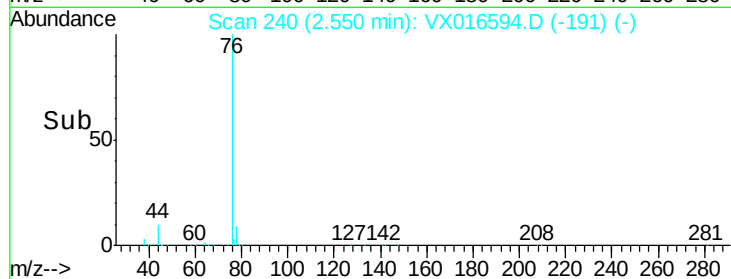
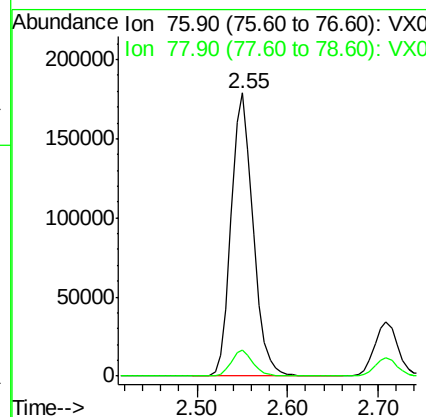
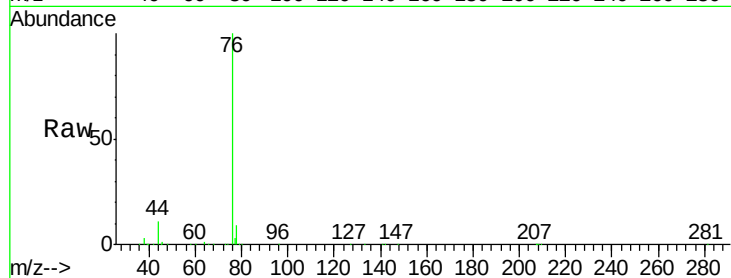
#17
Carbon Disulfide
Concen: 45.411 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

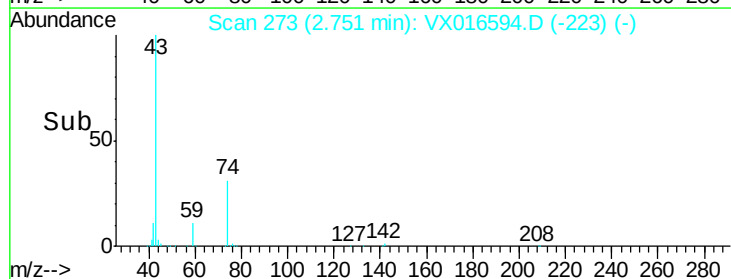
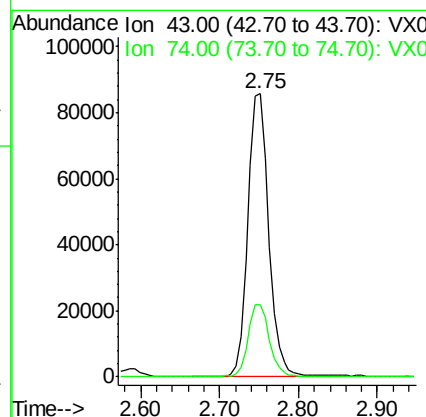
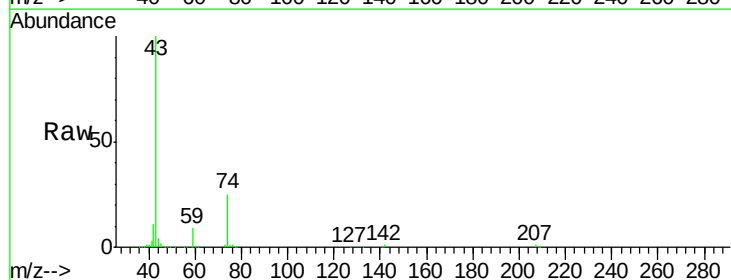
Manual Integrations
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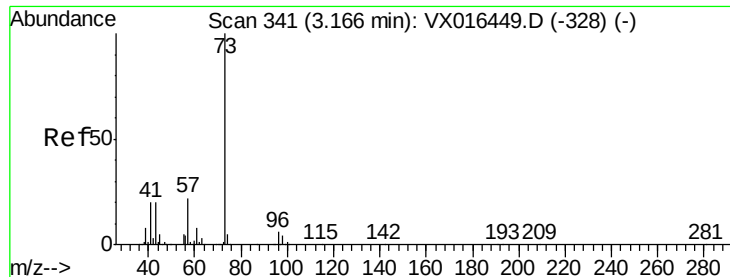
MMDadoda
6/5/2020 10:12:22 AM



#18
Methyl Acetate
Concen: 49.211 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	19.7	29.5





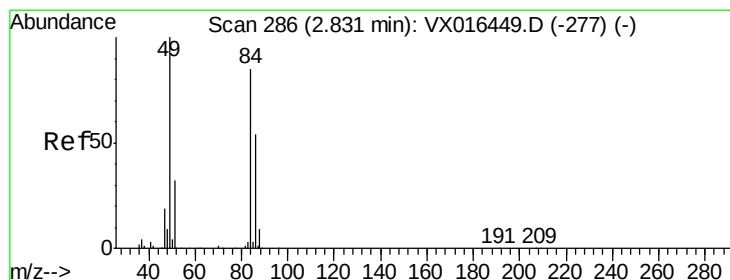
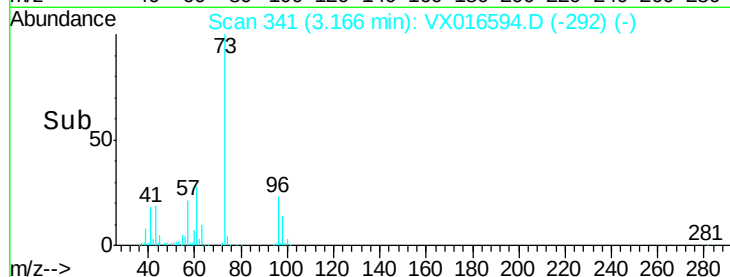
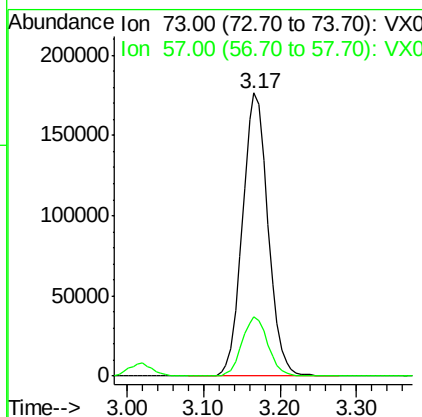
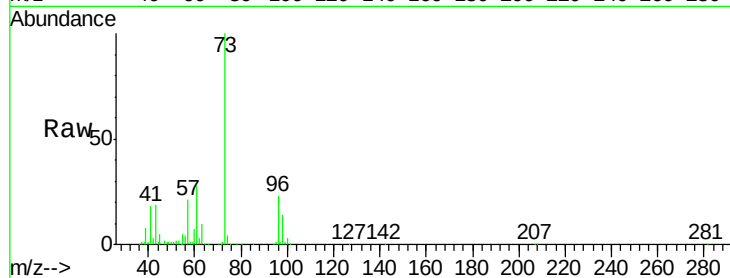
#19
Methyl tert-butyl Ether
Concen: 51.157 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.8	26.6

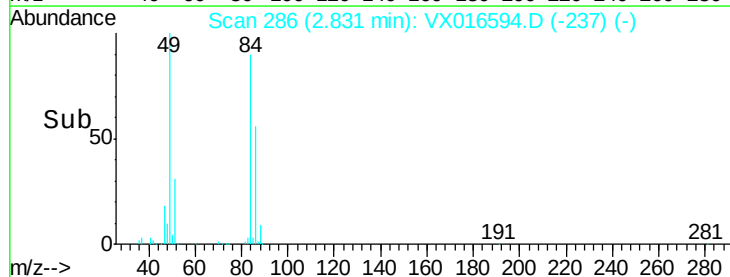
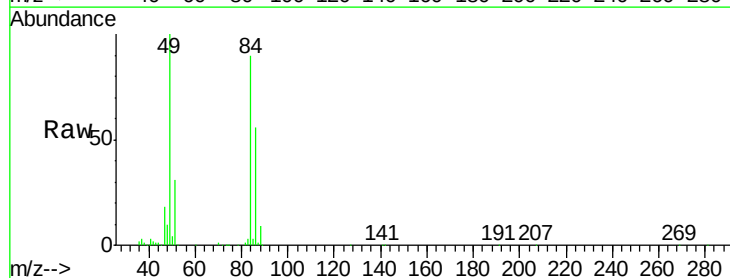
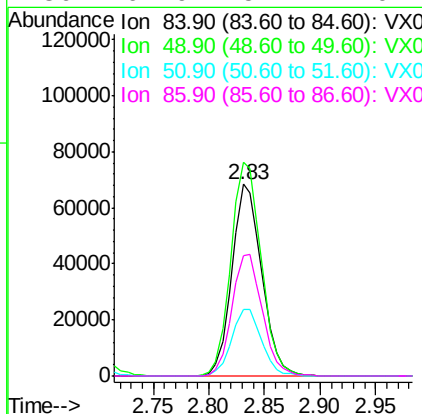
Manual Integrations
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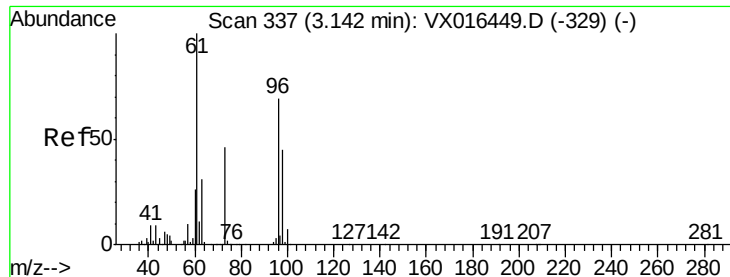
MMDadoda
6/5/2020 10:12:22 AM



#20
Methylene Chloride
Concen: 48.743 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.4	94.5	141.7
51	34.8	30.2	45.4
86	62.9	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 110.252 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

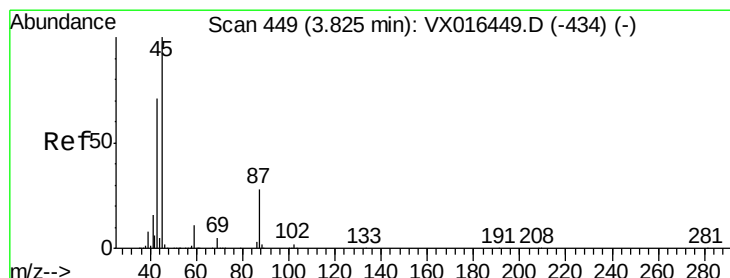
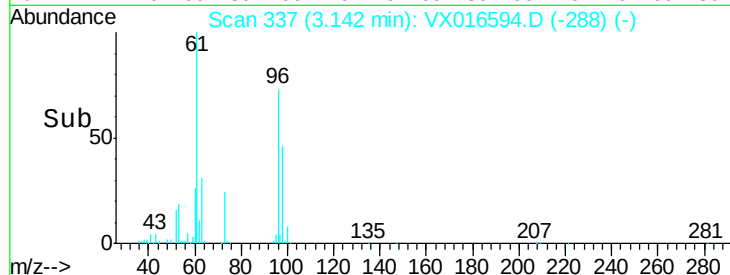
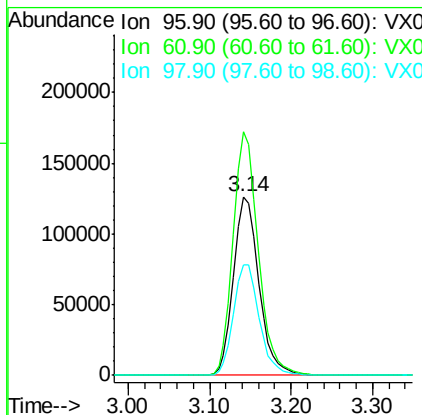
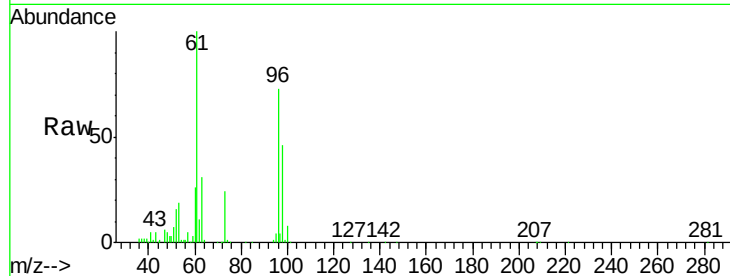
ClientSampleId :

SS032MW008-200602MS

Tot Ion:	96	Resp:	271278
Ion	Ratio	Lower	Upper
96	100		
61	136.2	115.3	172.9
98	62.1	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.463 ug/l

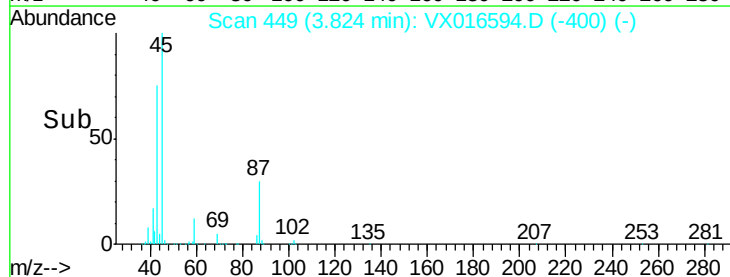
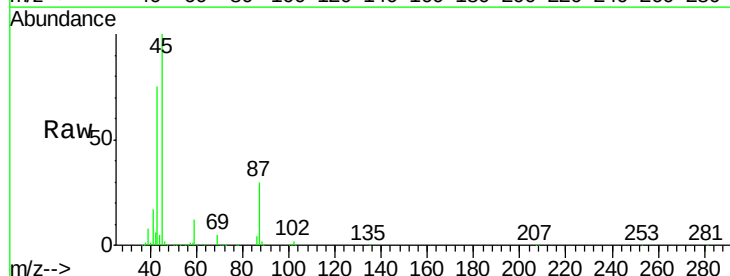
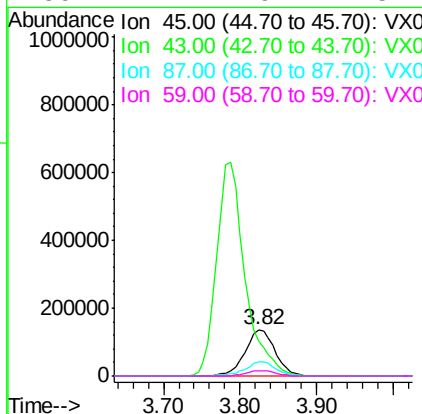
RT: 3.82 min Scan# 449

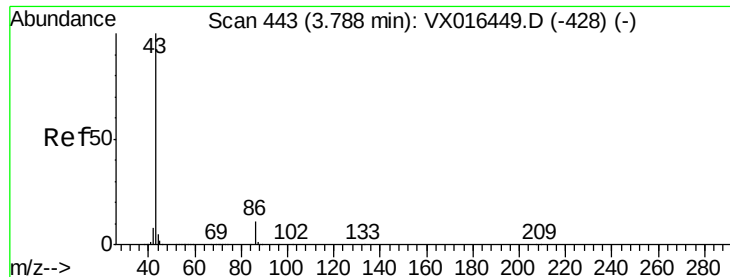
Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion:	45	Resp:	373007
Ion	Ratio	Lower	Upper
45	100		
43	74.4	57.0	85.6
87	30.1	22.5	33.7
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 236.636 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 43 Resp: 1627790

Ion Ratio Lower Upper

43 100

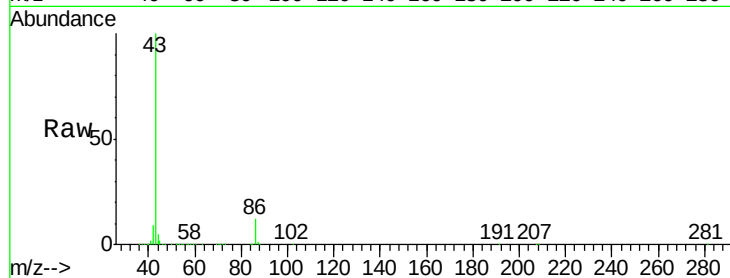
86 12.1 8.6 13.0

Manual Integrations

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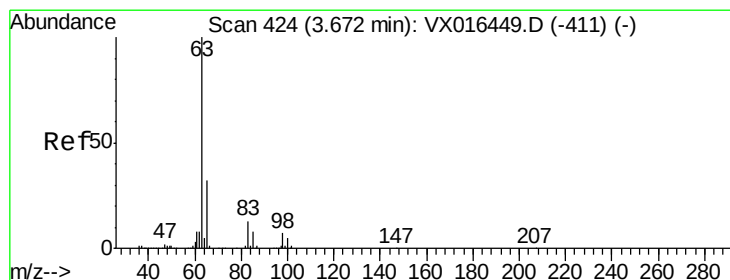
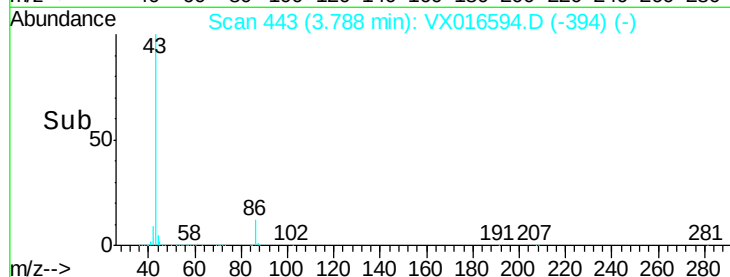
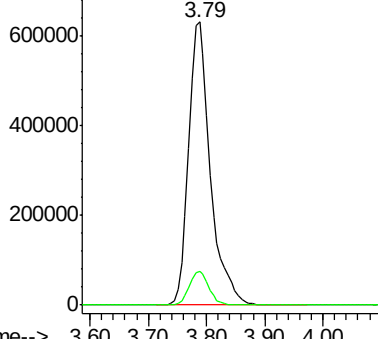
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.293 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

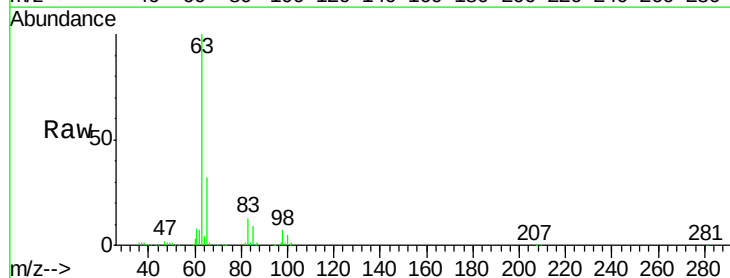
Tgt Ion: 63 Resp: 218646

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

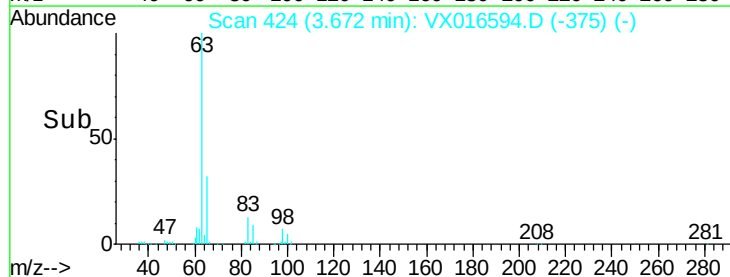
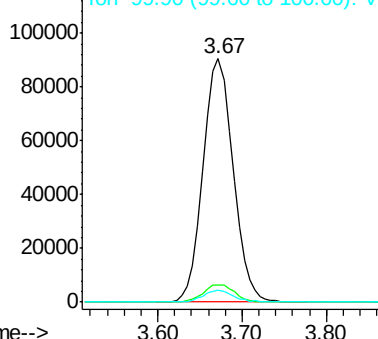
100 4.8 2.4 7.1

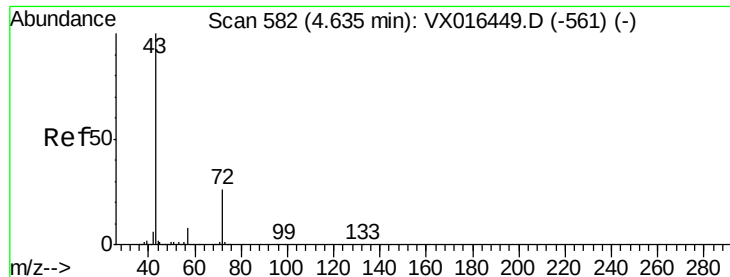


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 236.478 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 43 Resp: 504024

Ion Ratio Lower Upper

43 100

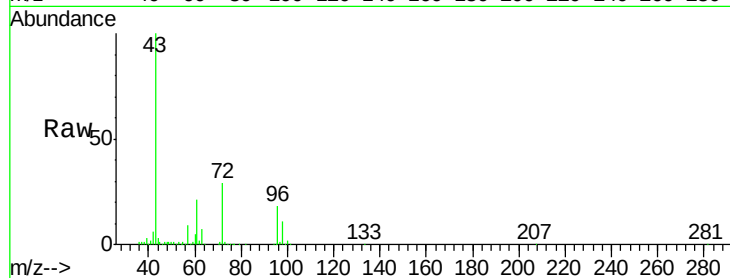
72 29.1 21.0 31.6

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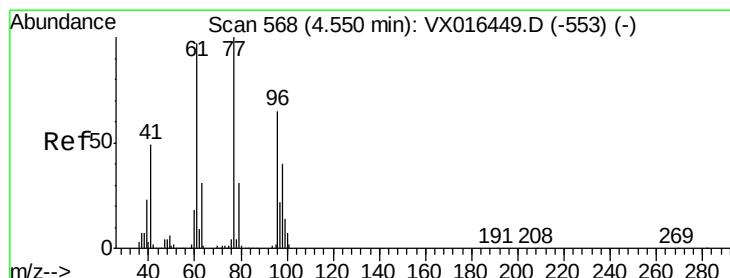
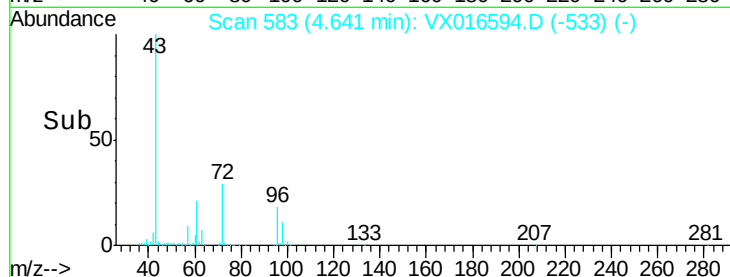
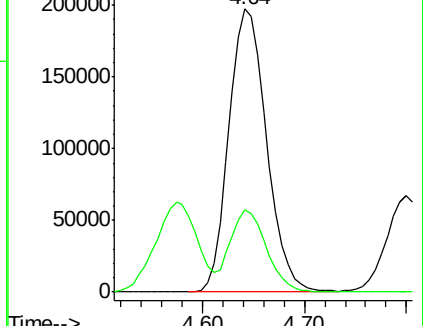
MMDadoda

6/5/2020 10:12:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.641 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.02 min

Lab File: VX016594.D

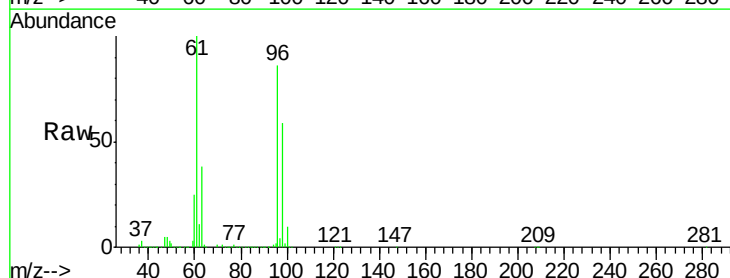
Acq: 04 Jun 2020 20:09

Tgt Ion: 77 Resp: 169287

Ion Ratio Lower Upper

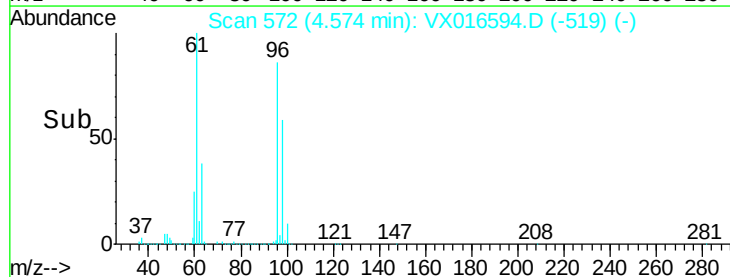
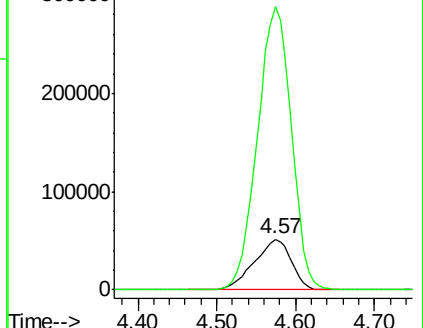
77 100

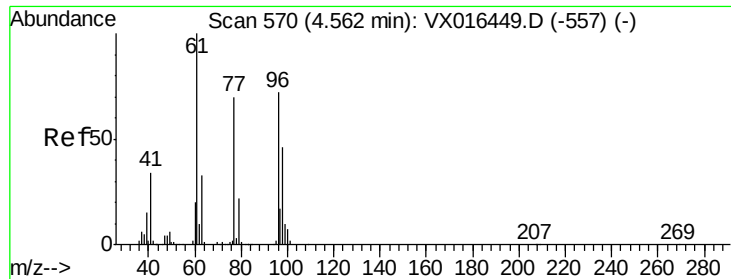
97 508.7 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

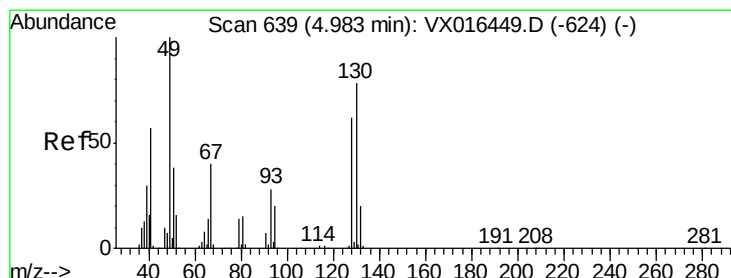
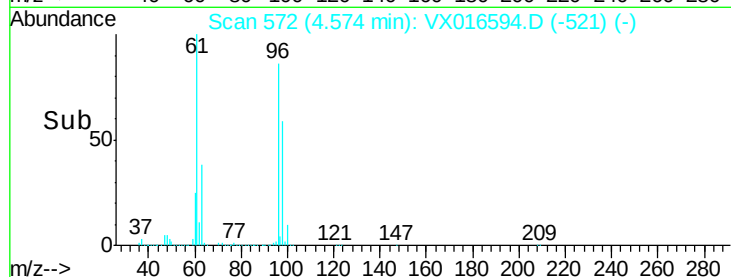
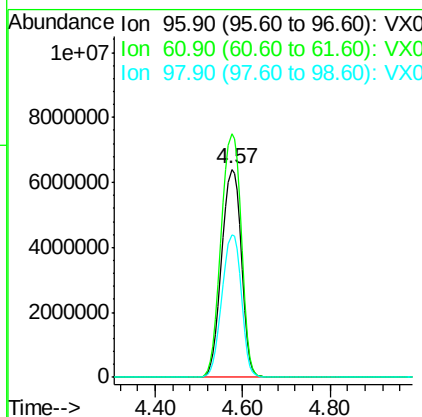
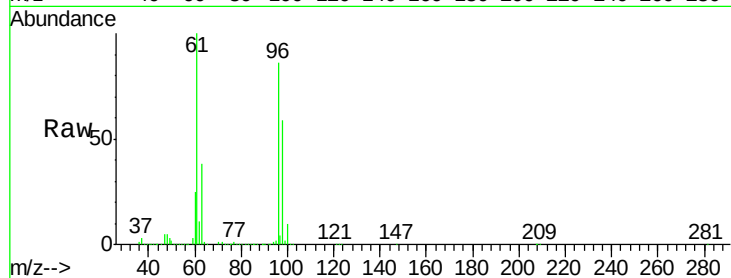
cis-1,2-Dichloroethene
Concen: 6993.075 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion: 96 Resp:19905834
Ion Ratio Lower Upper
96 100
61 120.1 0.0 284.6
98 67.3 0.0 127.2

Manual Integrations
APPROVED

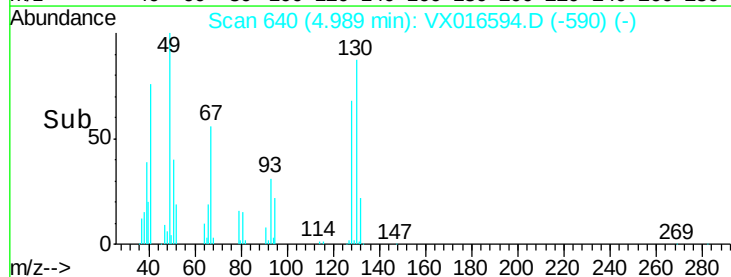
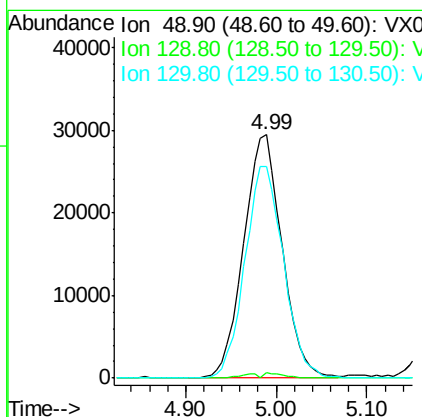
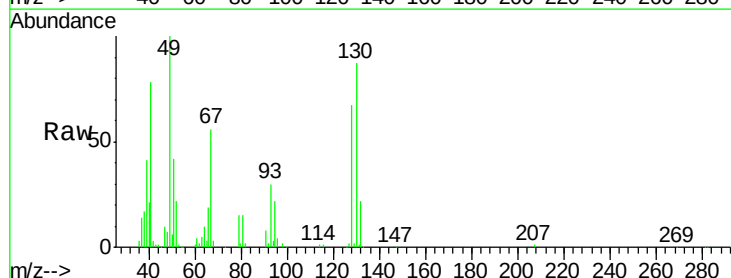
MMDadoda
6/5/2020 10:12:22 AM

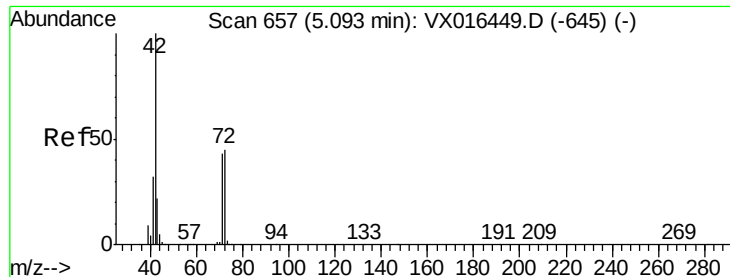


#28

Bromochloromethane
Concen: 42.018 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 49 Resp: 86609
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 87.4 63.0 94.4





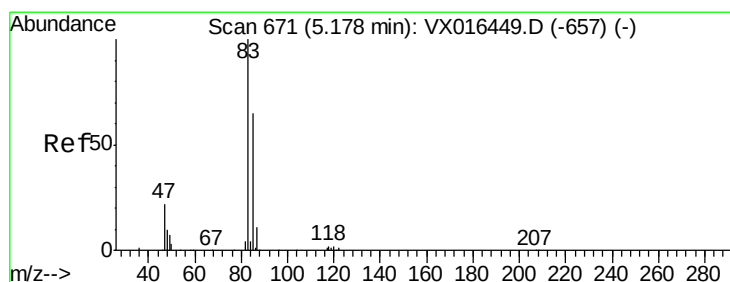
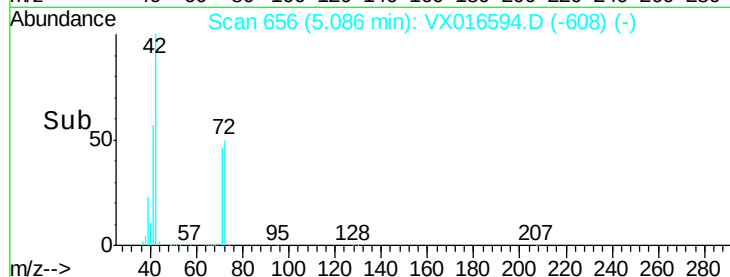
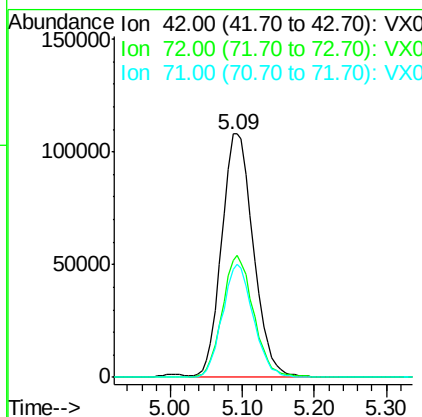
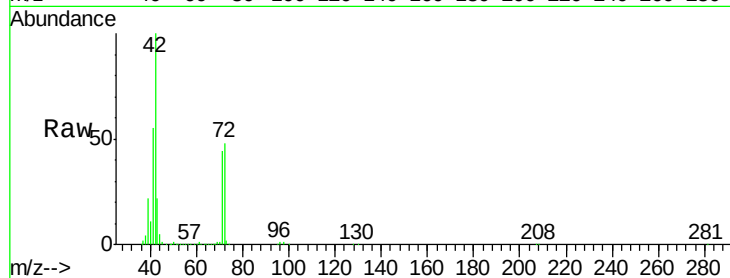
#29
Tetrahydrofuran
Concen: 240.020 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	49.3	37.0	55.4
71	45.2	34.1	51.1

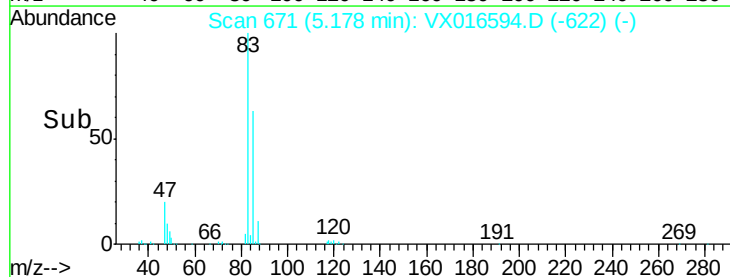
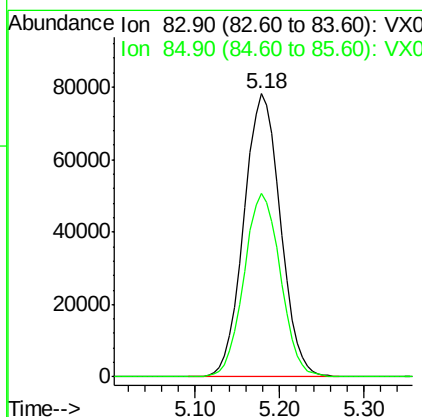
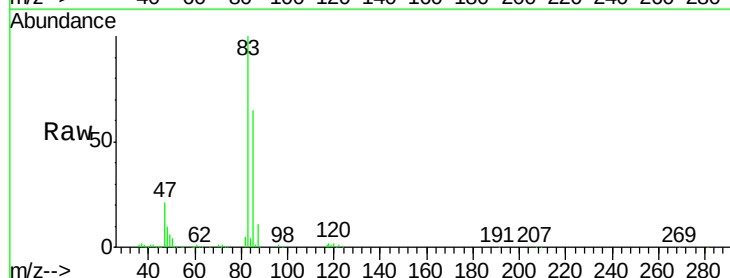
Manual Integrations
APPROVED

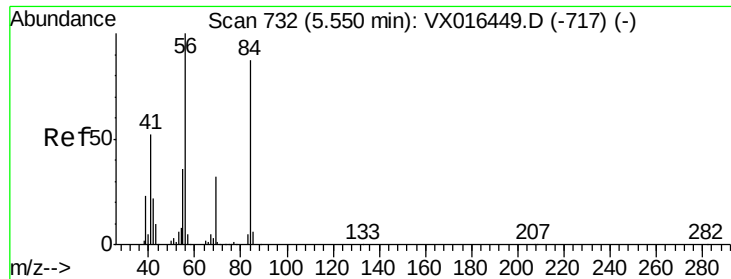
MMDadoda
6/5/2020 10:12:22 AM



#30
Chloroform
Concen: 51.564 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.8	52.0	78.0





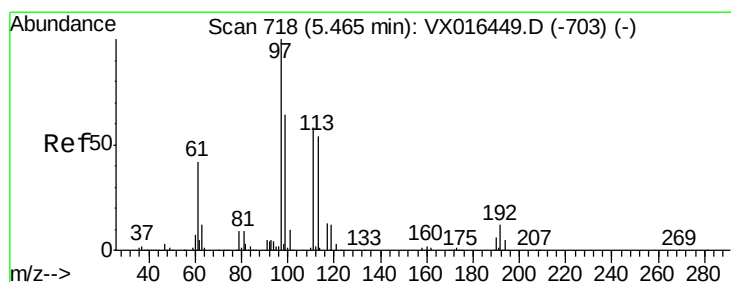
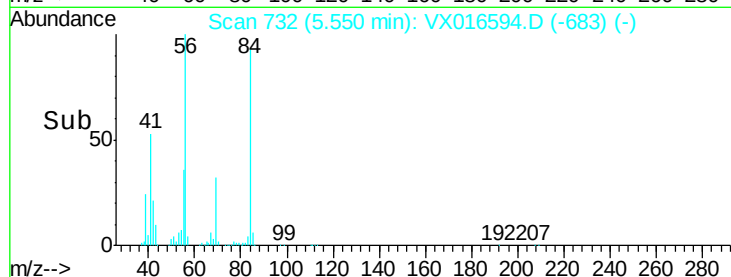
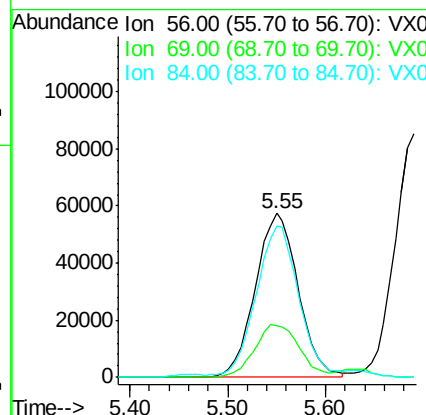
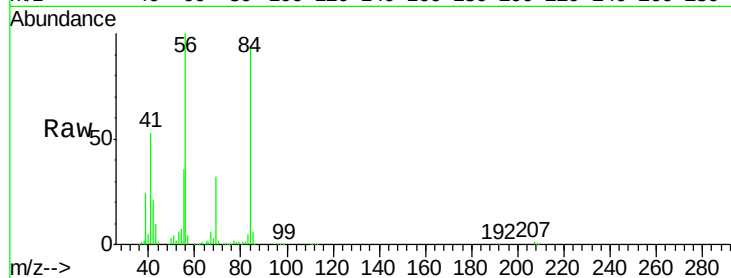
#31
Cyclohexane
Concen: 43.775 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.9	25.7	38.5	
84	90.7	70.0	105.0	

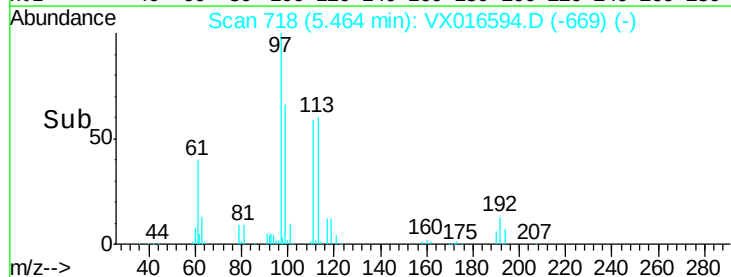
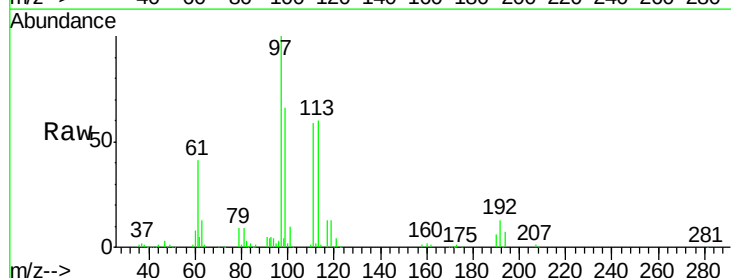
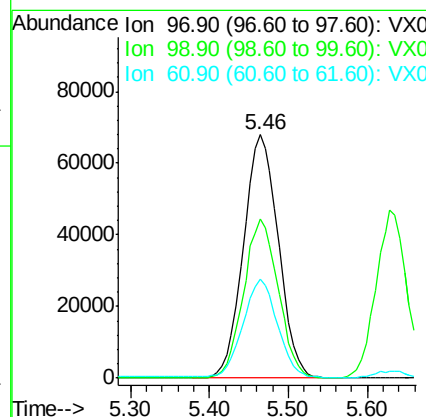
Manual Integrations
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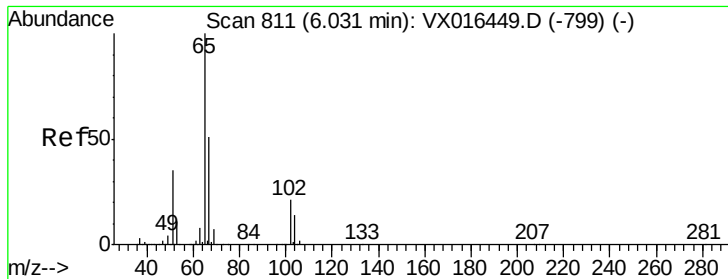
MMDadoda
6/5/2020 10:12:22 AM



#32
1,1,1-Trichloroethane
Concen: 51.559 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.0	51.4	77.2	
61	39.9	33.5	50.3	





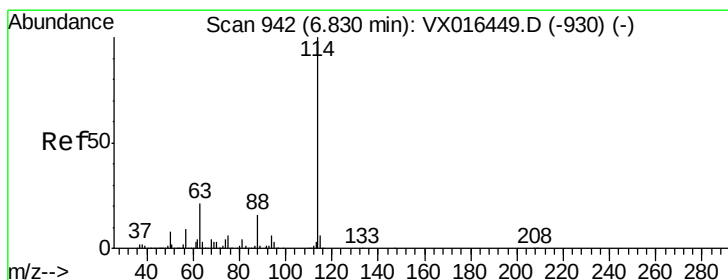
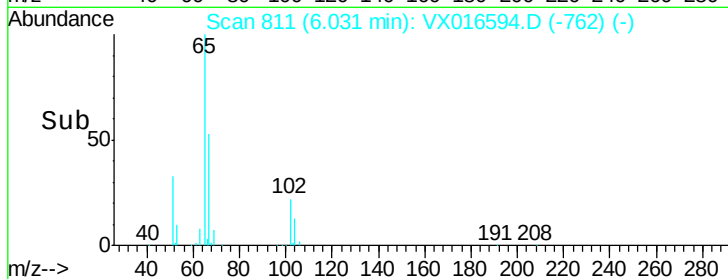
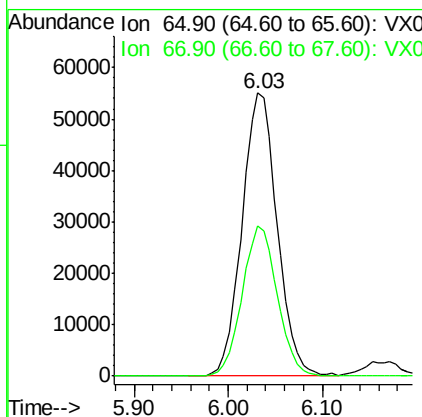
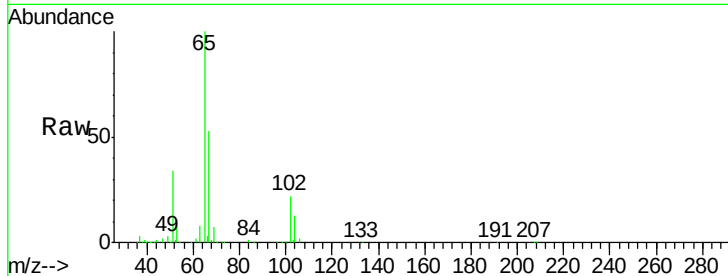
#33
 1,2-Dichloroethane-d4
 Concen: 50.145 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602MS

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

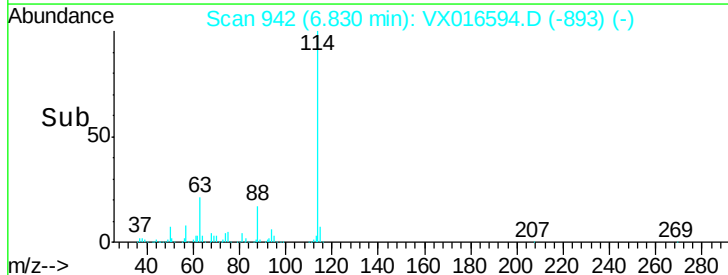
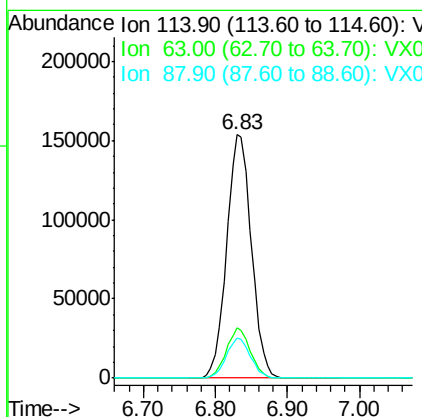
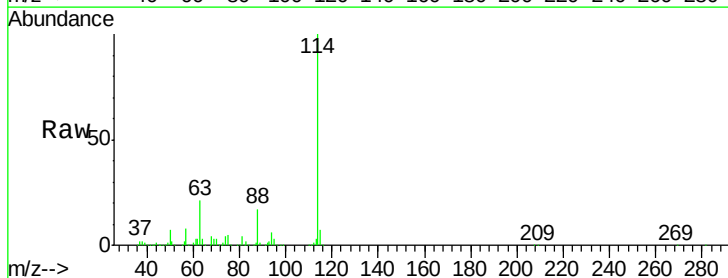
Manual Integrations
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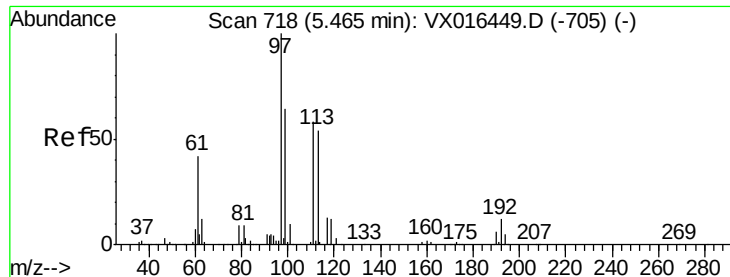
MMDadoda
 6/5/2020 10:12:22 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	42.6	
88	16.6	0.0	32.8	





#35

Dibromofluoromethane

Concen: 51.989 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

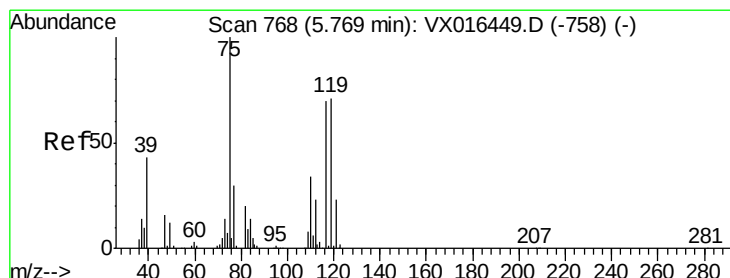
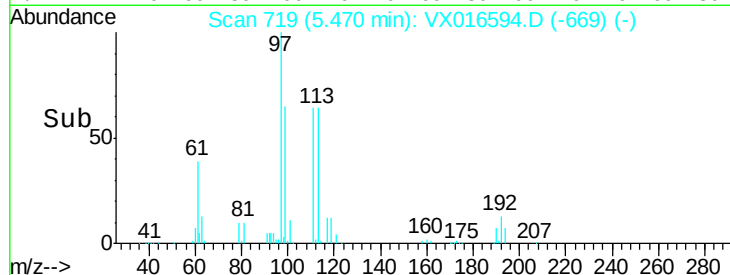
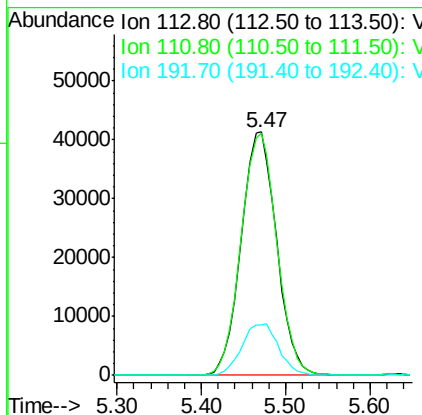
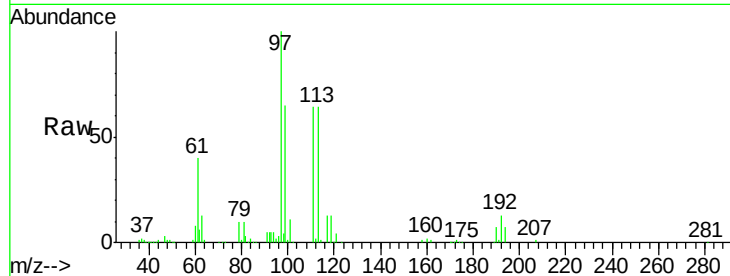
ClientSampleId :

SS032MW008-200602MS

Tot Ion:	113	Resp:	117473
Ion Ratio	Lower	Upper	
113	100		
111	100.6	83.0	124.6
192	22.1	17.7	26.5

Manual Integrations
APPROVED

MMDadoda
6/5/2020 10:12:22 AM



#36

1,1-Dichloropropene

Concen: 47.977 ug/l

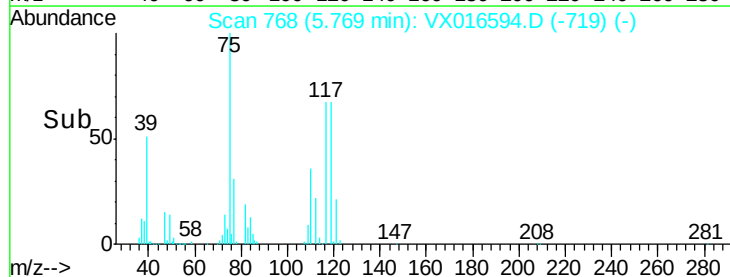
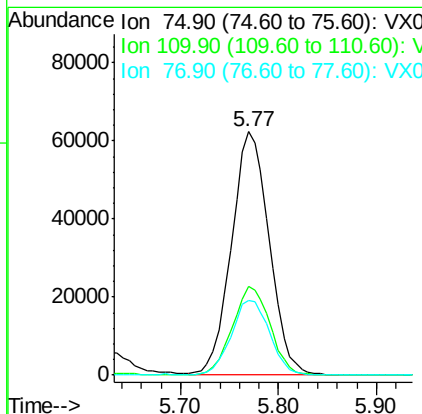
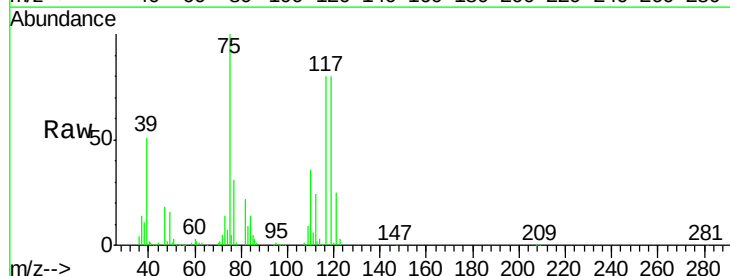
RT: 5.77 min Scan# 768

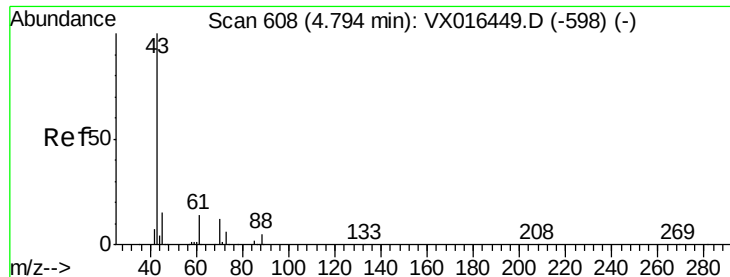
Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion:	75	Resp:	166695
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.4	52.3
77	30.7	24.2	36.4





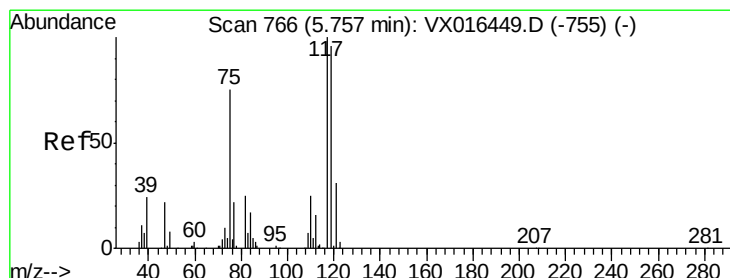
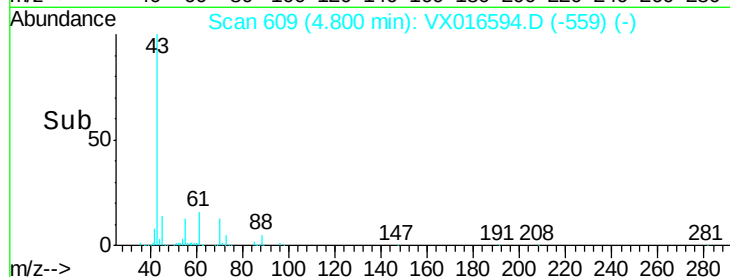
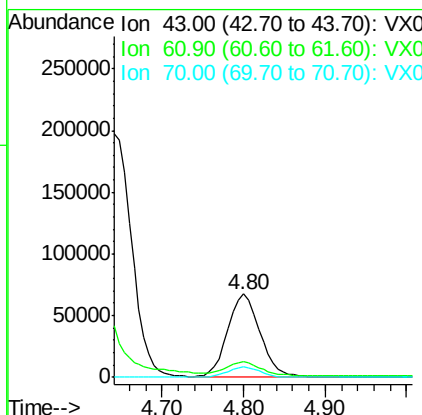
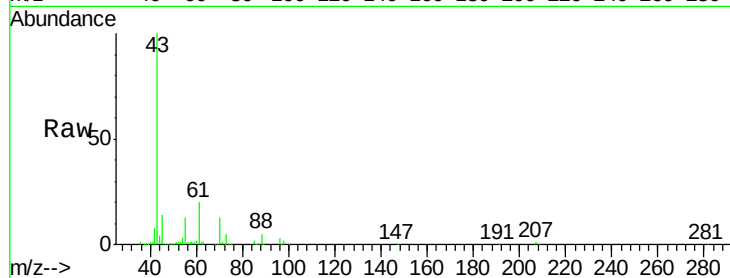
#37
Ethyl Acetate
Concen: 44.451 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	12.8	9.3	13.9

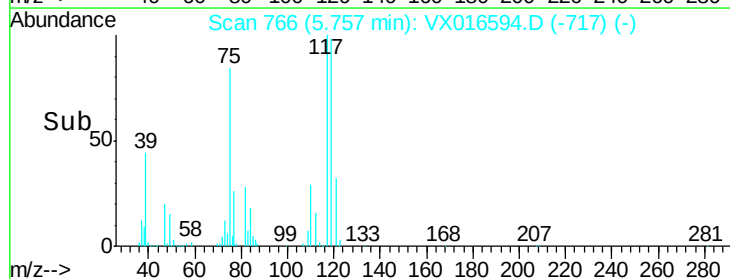
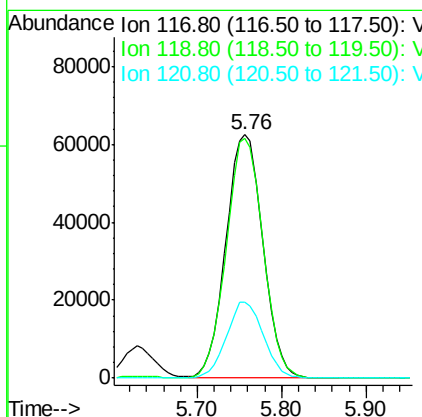
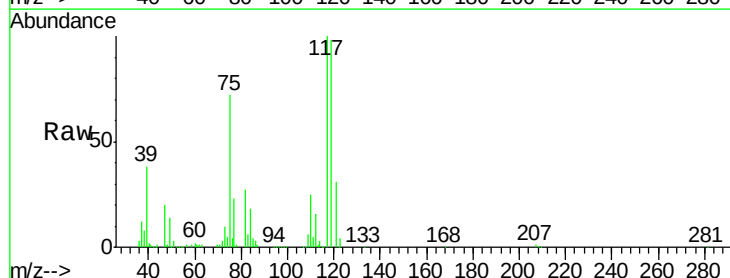
Manual Integrations
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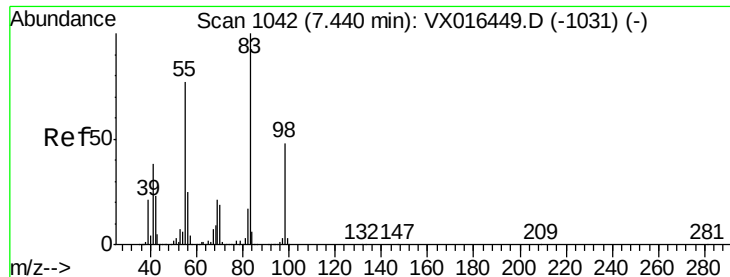
MMDadoda
6/5/2020 10:12:22 AM



#38
Carbon Tetrachloride
Concen: 51.070 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.3	114.5
121	31.3	24.6	37.0





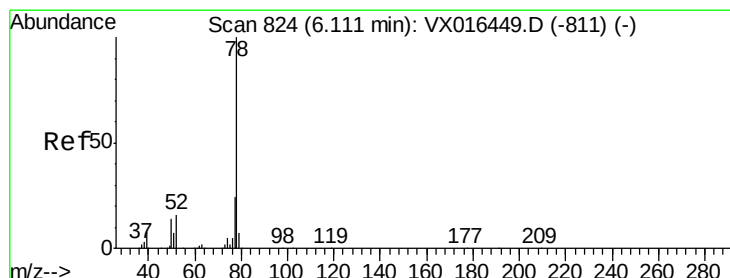
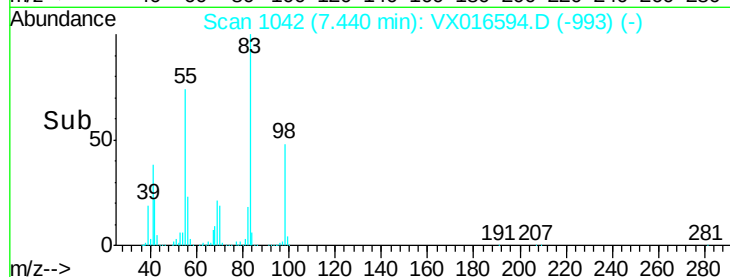
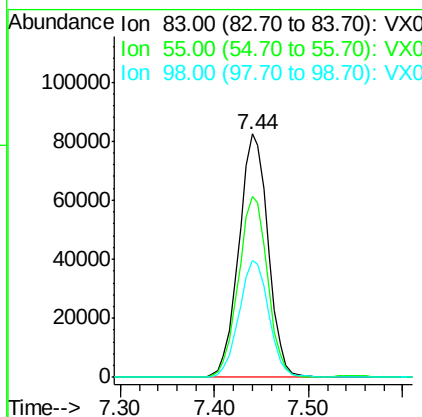
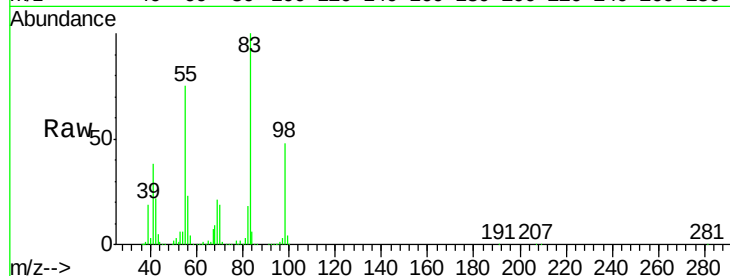
#39
Methylvlcyclohexane
Concen: 47.320 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	61.7	92.5
98	48.2	38.7	58.1

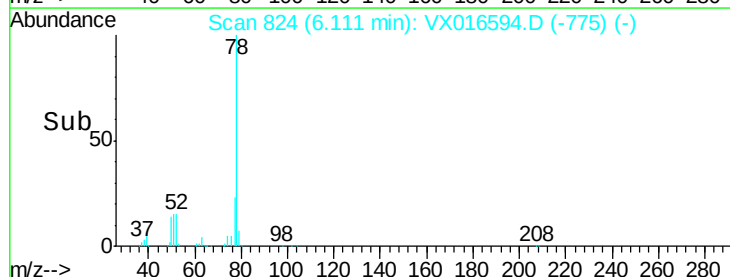
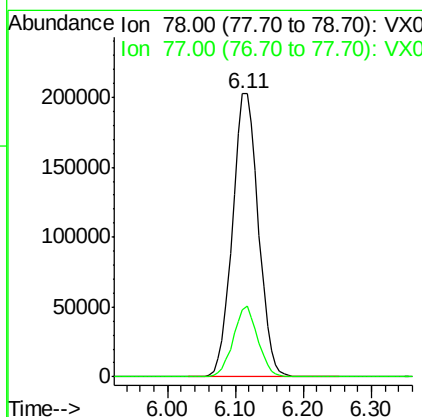
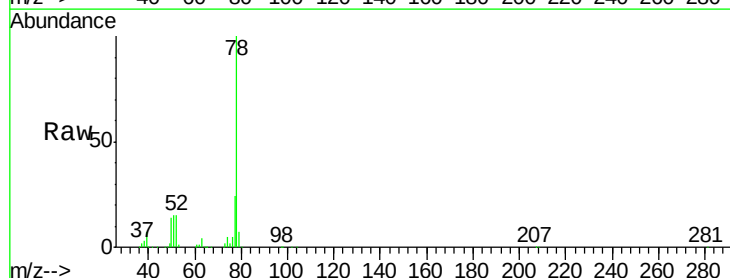
Manual Integrations
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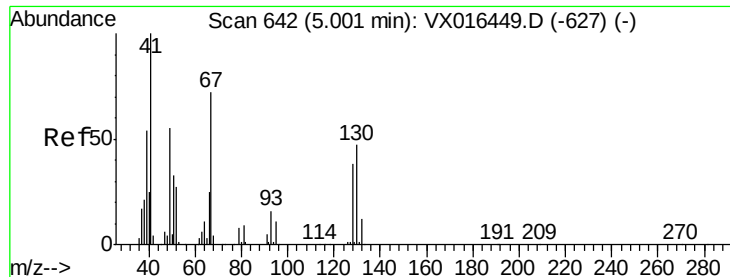
MMDadoda
6/5/2020 10:12:22 AM



#40
Benzene
Concen: 51.759 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





#41

Methacrylonitrile

Concen: 45.343 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

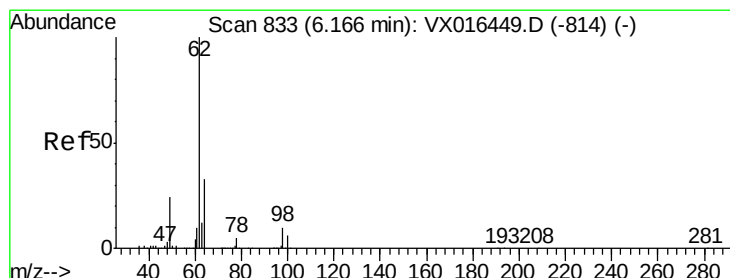
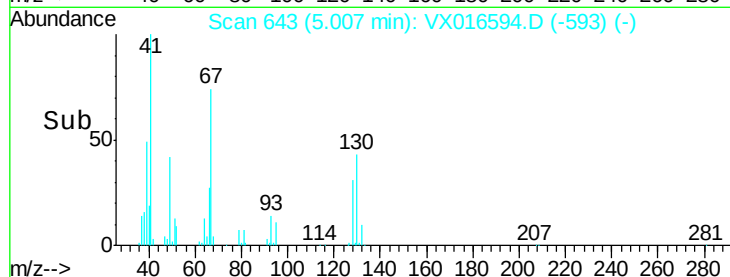
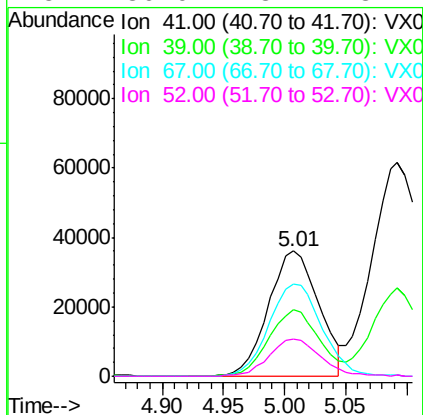
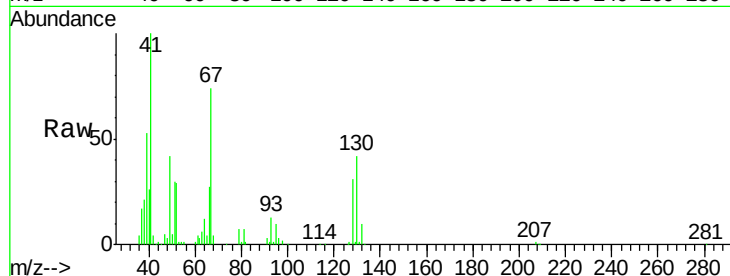
ClientSampleId :

SS032MW008-200602MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.5	43.0	64.4		
67	77.6	58.9	88.3		
52	30.0	23.1	34.7		

Manual Integrations
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MMDadoda
6/5/2020 10:12:22 AM



#42

1,2-Dichloroethane

Concen: 50.231 ug/l

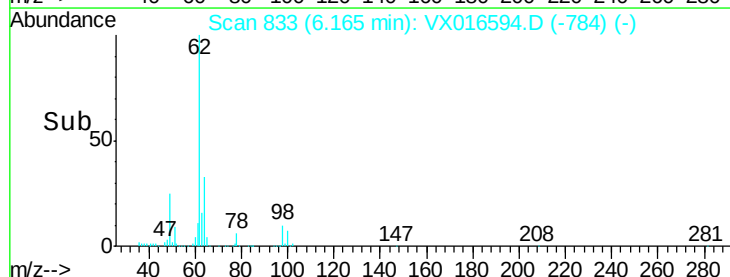
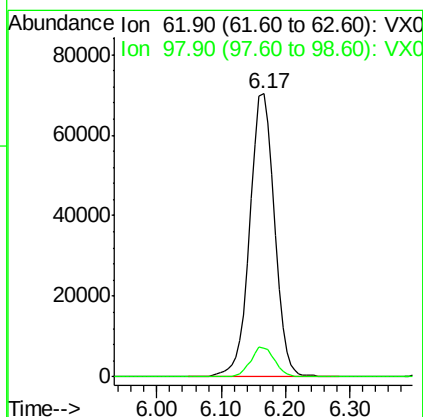
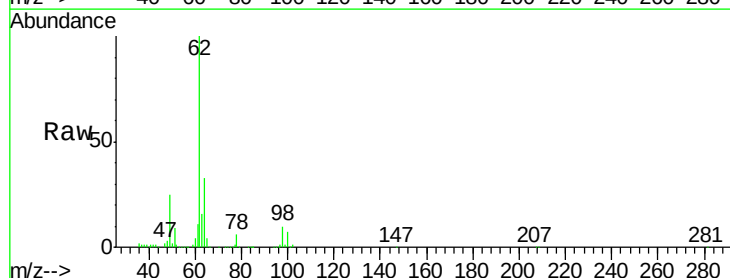
RT: 6.17 min Scan# 833

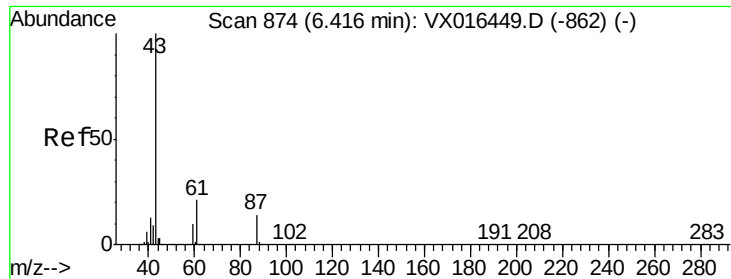
Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.2	0.0	19.8		





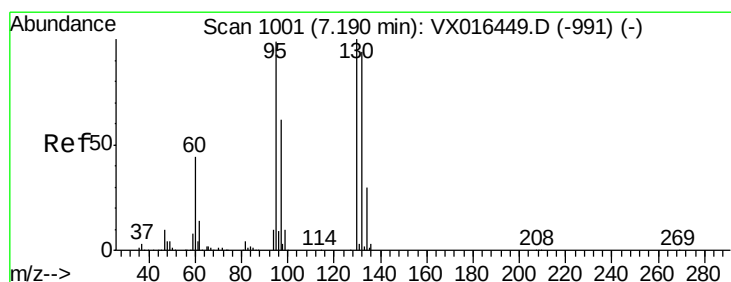
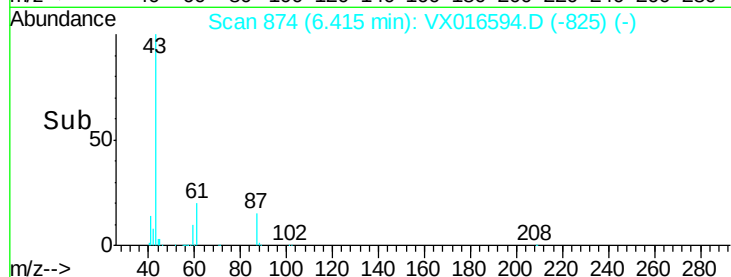
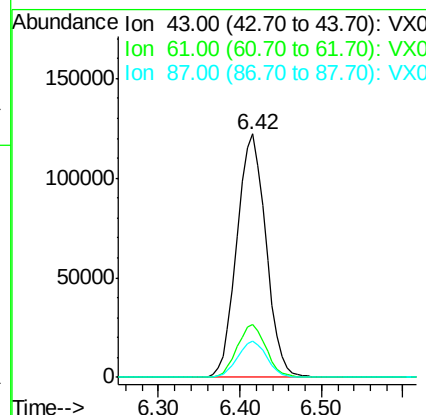
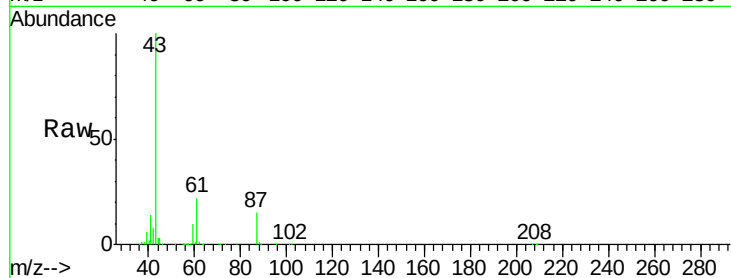
#43
Isopropyl Acetate
Concen: 46.206 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	14.8	11.2	16.8

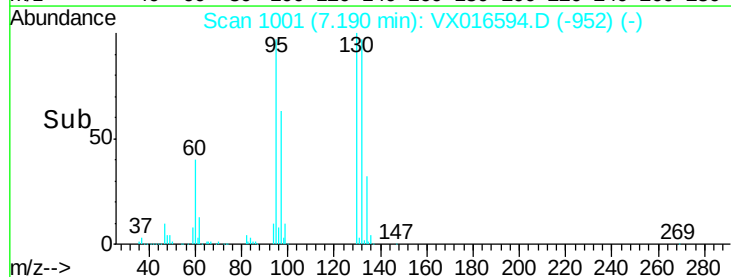
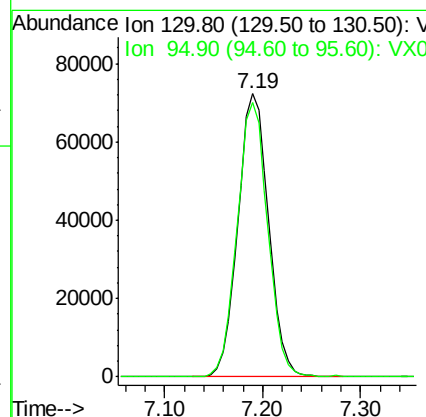
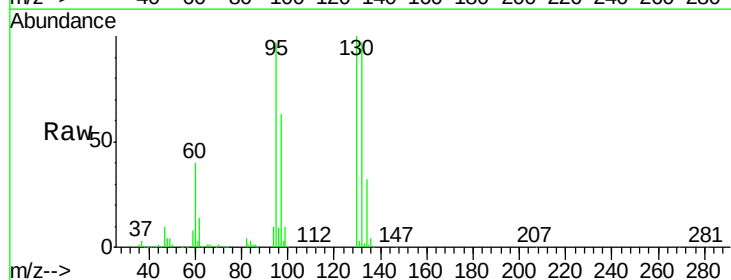
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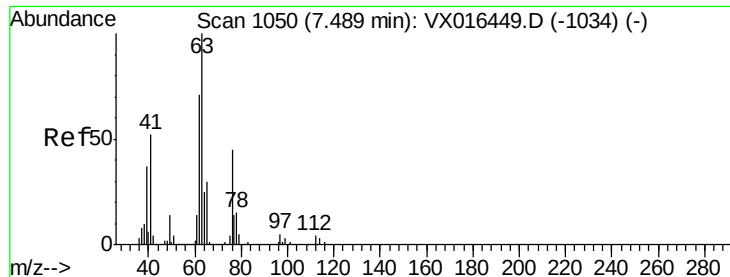
MMDadoda
6/5/2020 10:12:22 AM



#44
Trichloroethene
Concen: 47.921 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	198.2





#45

1,2-Dichloropropane

Concen: 48.996 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 63 Resp: 129060

Ion Ratio Lower Upper

63 100

65 31.9

24.2

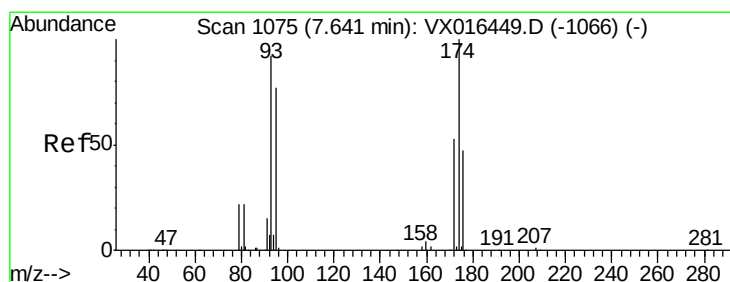
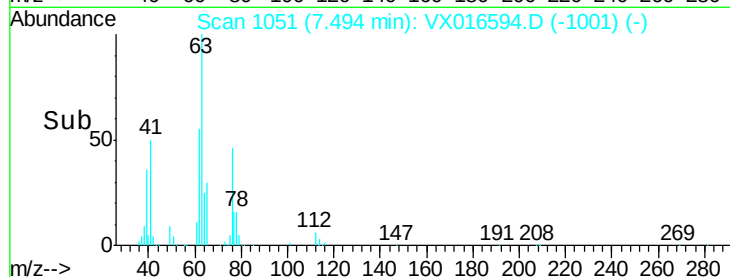
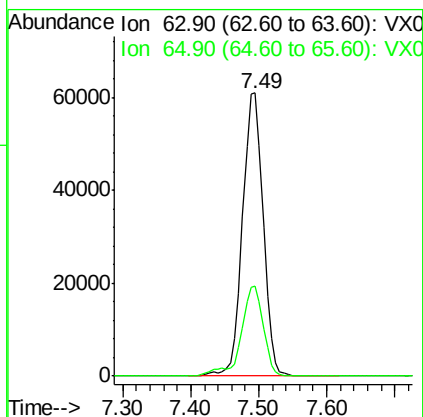
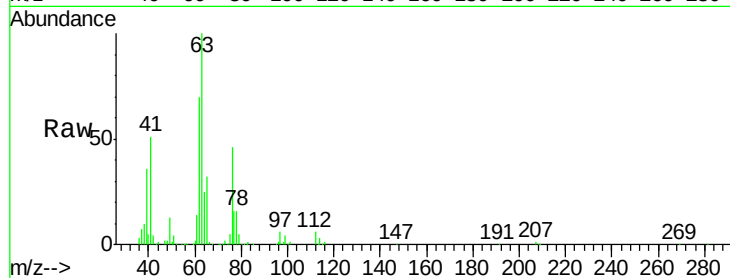
36.2

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6/5/2020 10:12:22 AM



#46

Dibromomethane

Concen: 49.763 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion: 93 Resp: 88042

Ion Ratio Lower Upper

93 100

95 83.6

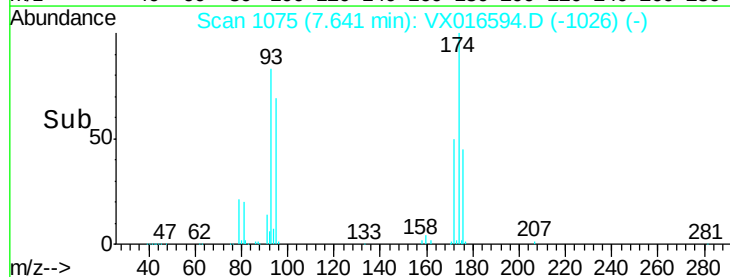
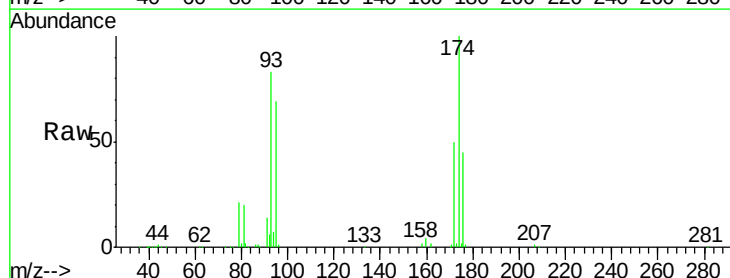
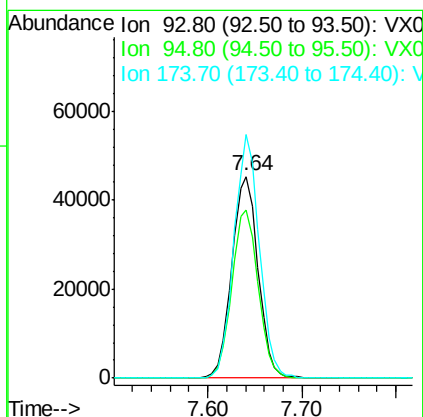
66.6

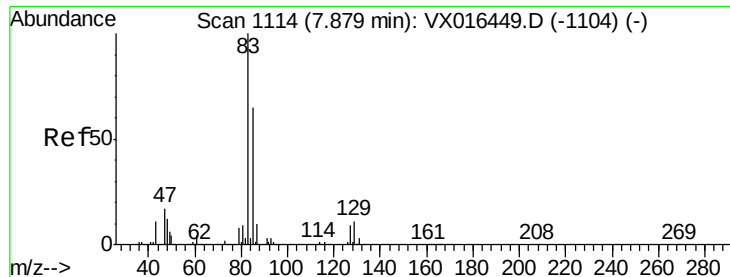
100.0

174 116.8

86.2

129.4





#47

Bromodichloromethane

Concen: 51.312 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

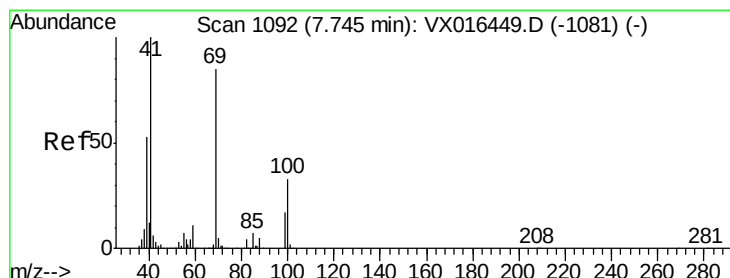
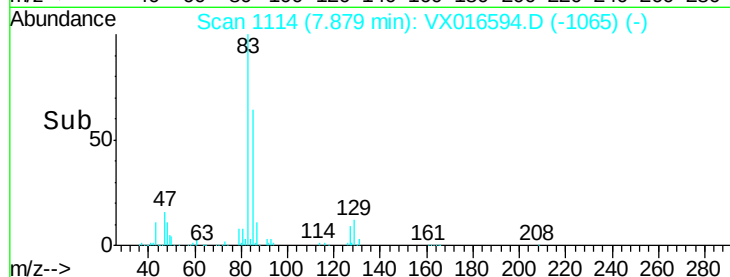
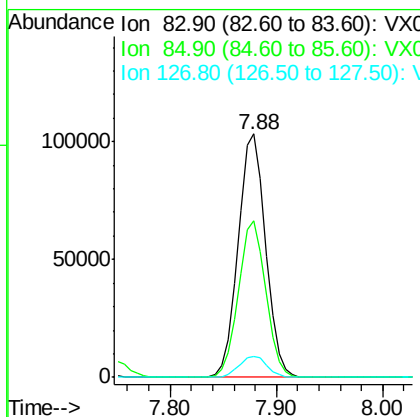
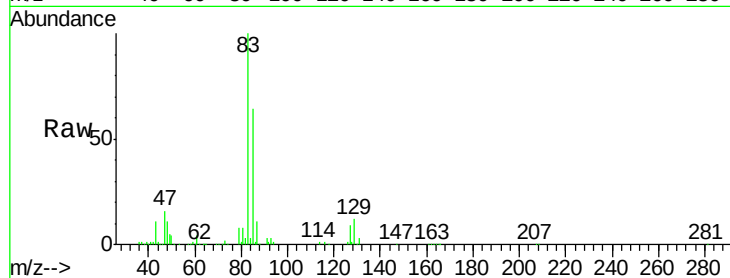
ClientSampleId :

SS032MW008-200602MS

Tot Ion:	83	Resp:	187971
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.0	78.0
127	8.8	7.4	11.0

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#48

Methyl methacrylate

Concen: 47.146 ug/l

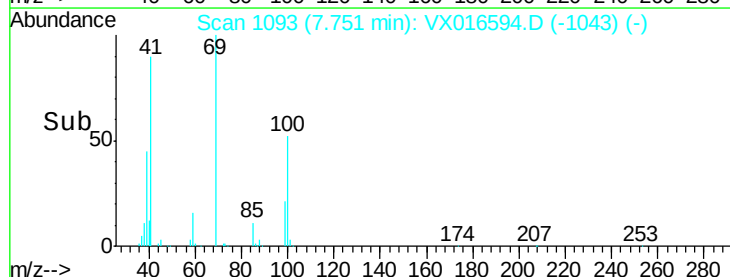
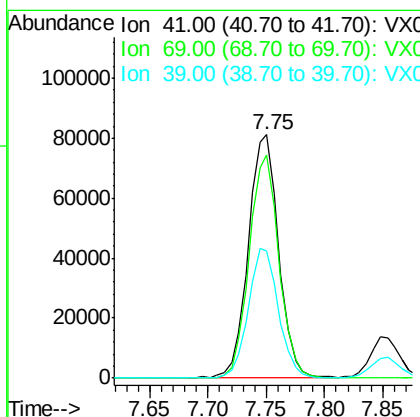
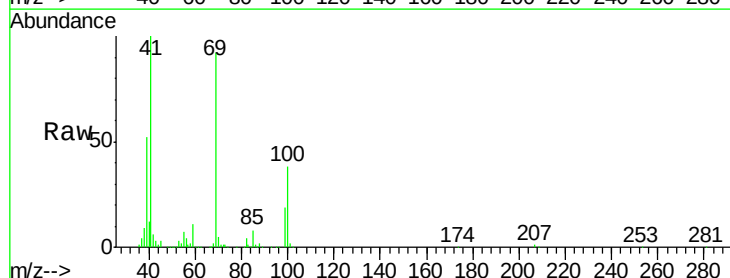
RT: 7.75 min Scan# 1093

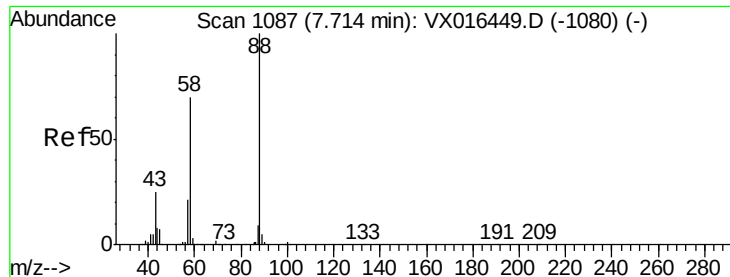
Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion:	41	Resp:	146878
Ion Ratio	Lower	Upper	
41	100		
69	90.5	68.6	102.8
39	52.7	42.4	63.6





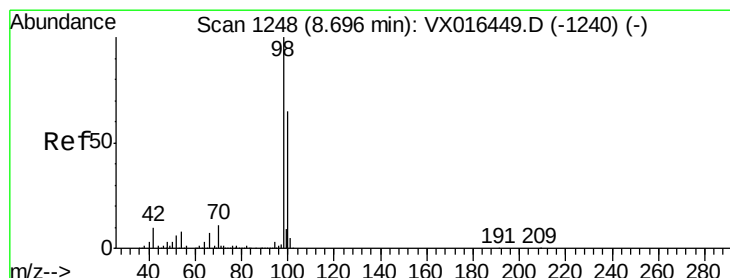
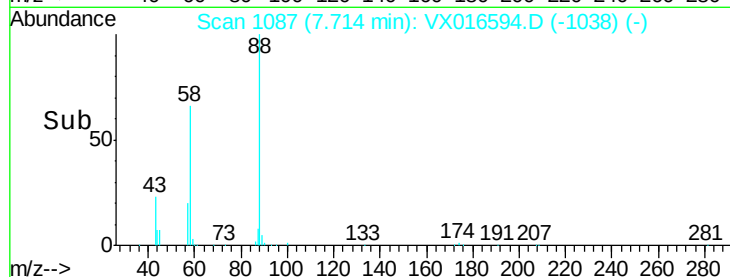
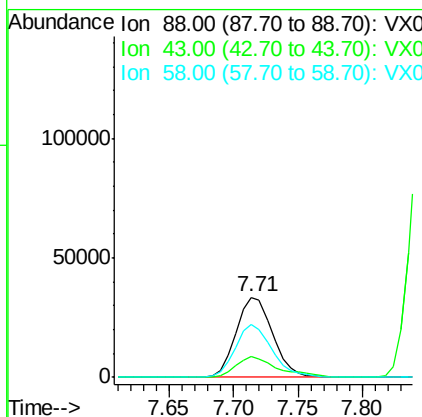
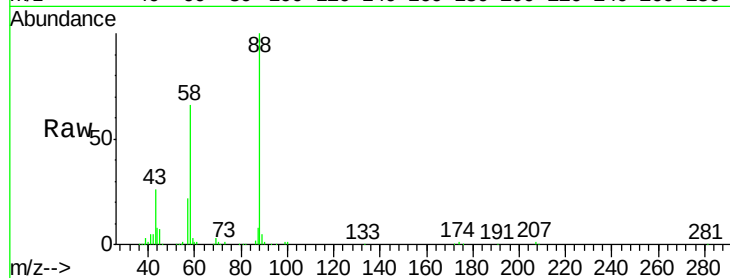
#49
1,4-Dioxane
Concen: 903.853 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.2	36.4
58	66.7	56.5	84.7

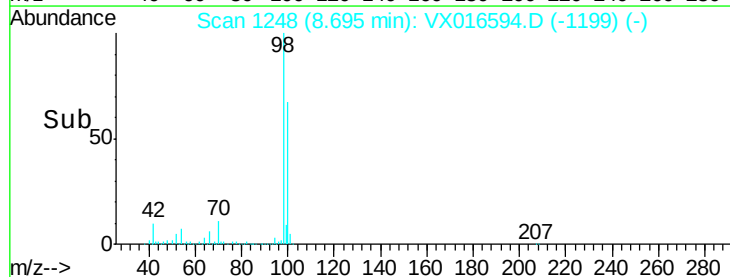
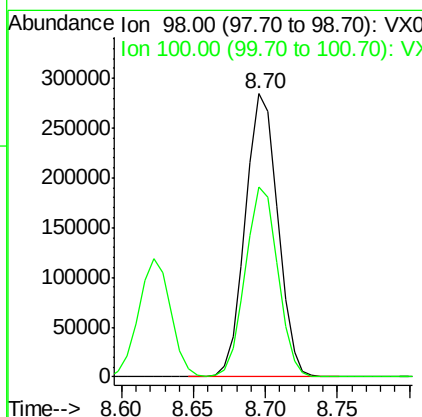
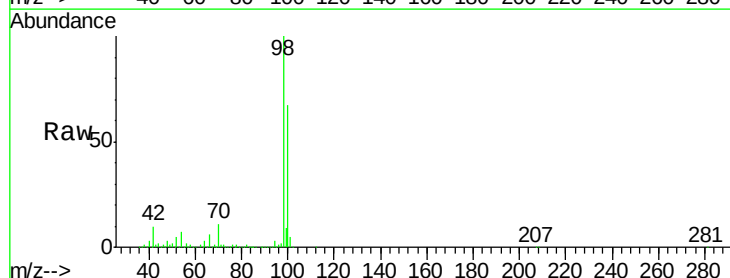
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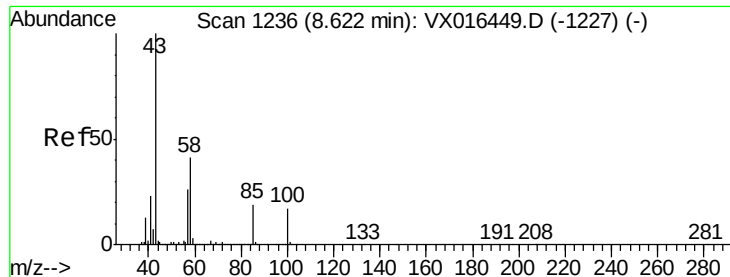
MMDadoda
6/5/2020 10:12:22 AM



#50
Toluene-d8
Concen: 50.440 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 242.083 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 43 Resp: 980785

Ion Ratio Lower Upper

43 100

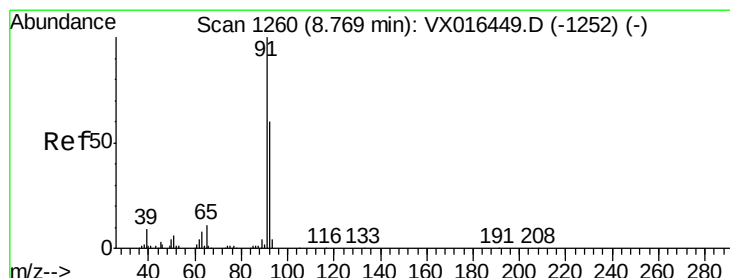
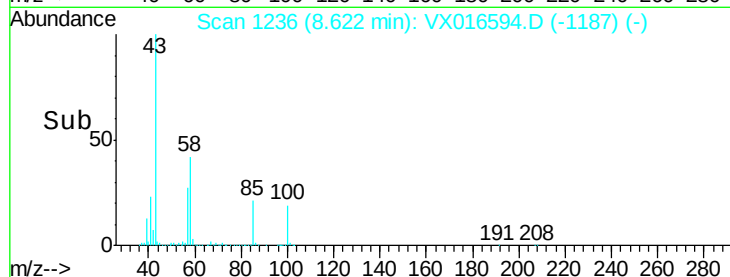
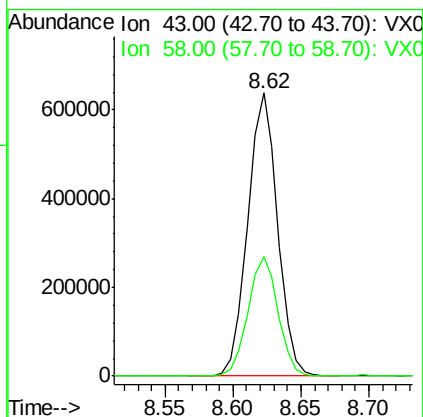
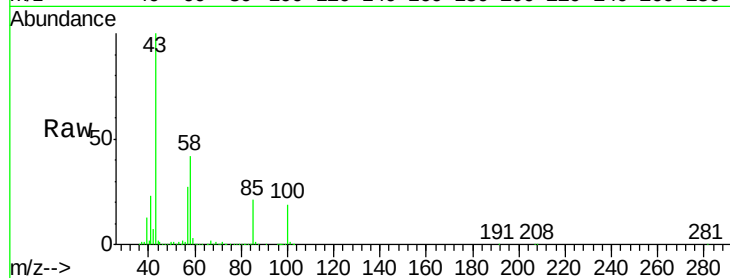
58 42.5 33.0 49.6

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#52

Toluene

Concen: 51.556 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016594.D

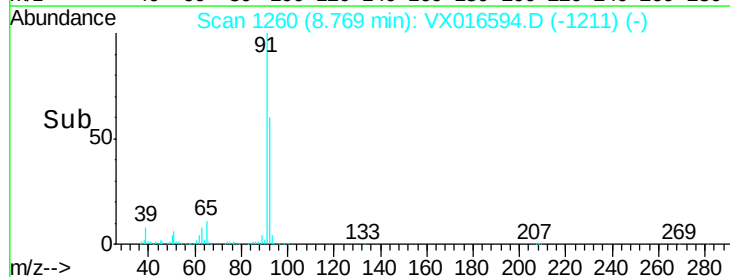
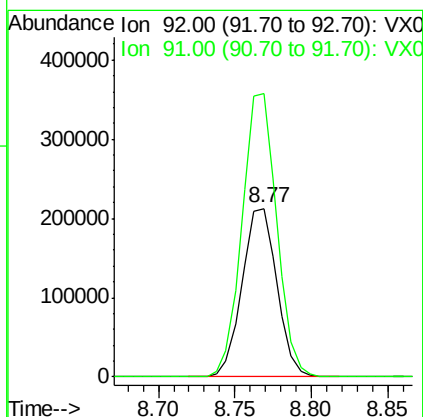
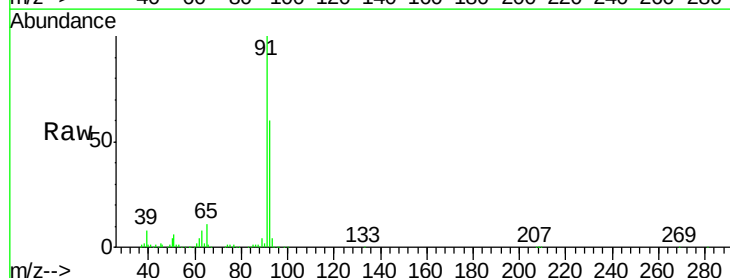
Acq: 04 Jun 2020 20:09

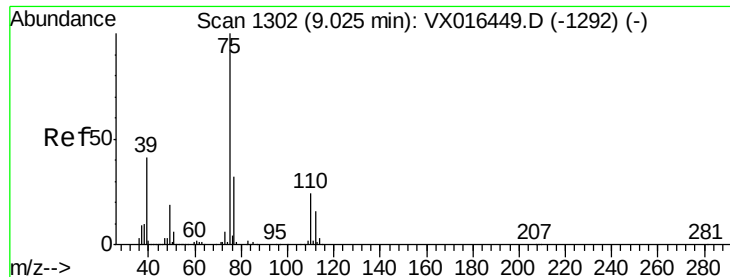
Tgt Ion: 92 Resp: 336387

Ion Ratio Lower Upper

92 100

91 167.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.049 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 75 Resp: 212648

Ion Ratio Lower Upper

75 100

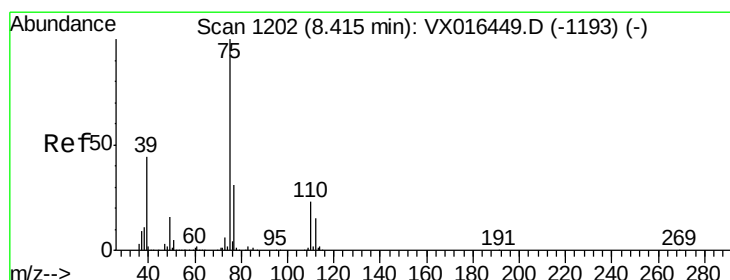
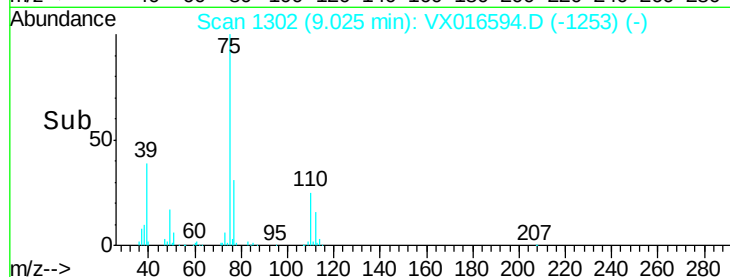
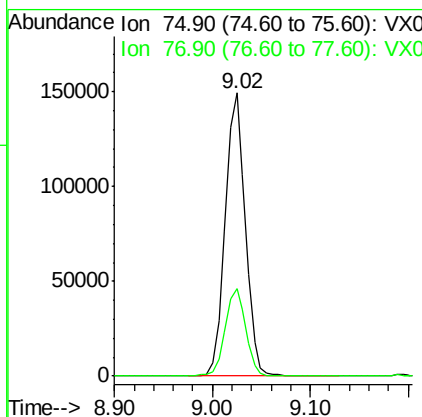
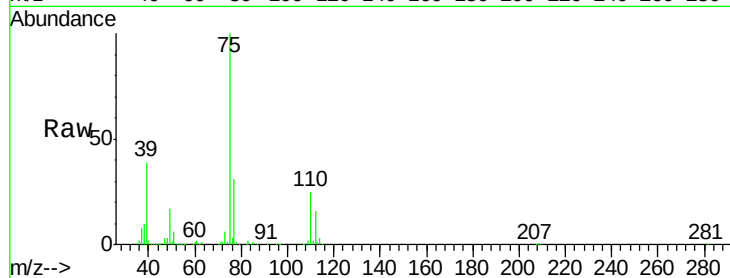
77 30.7 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 49.715 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

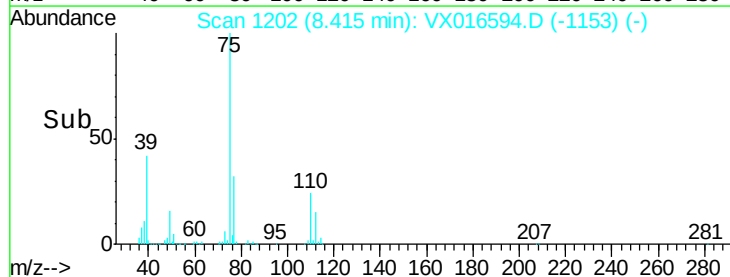
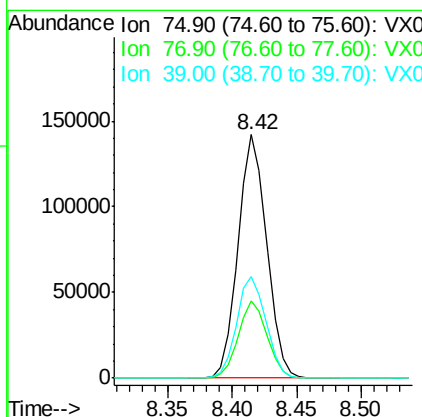
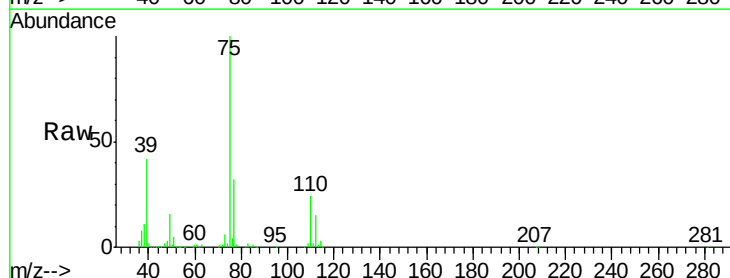
Tgt Ion: 75 Resp: 219200

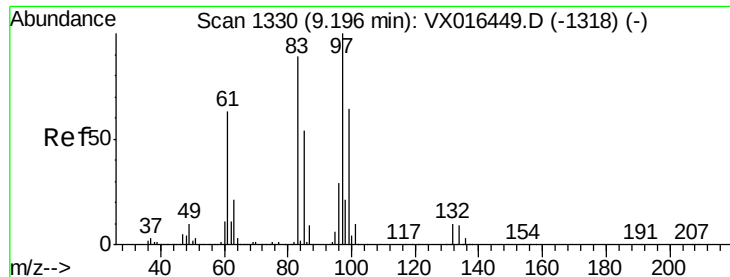
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 41.8 35.3 52.9





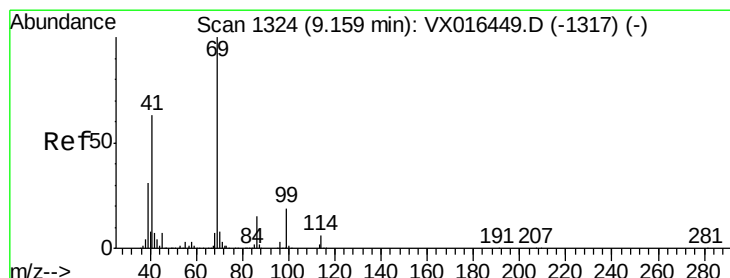
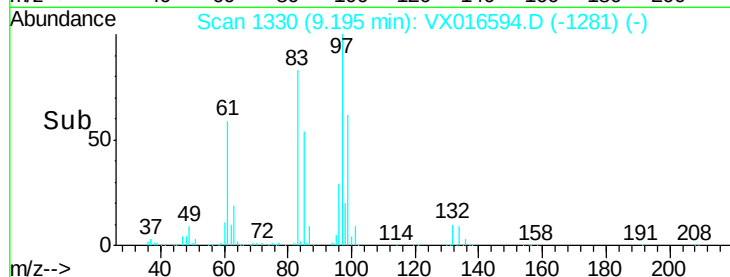
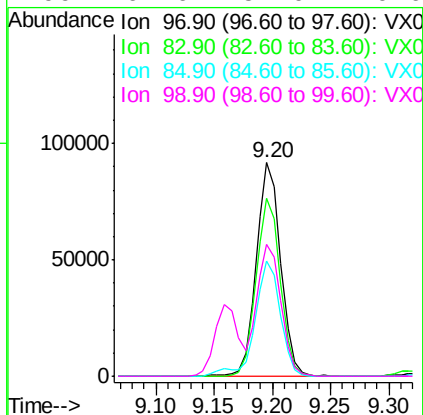
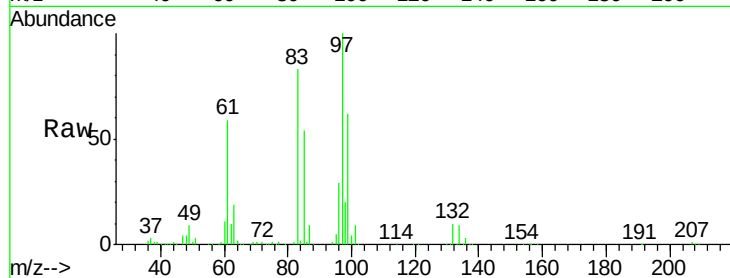
#55
 1,1,2-Trichloroethane
 Concen: 51.706 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		134137		
83	83.1	70.9	106.3		
85	54.0	43.4	65.2		
99	61.6	51.0	76.6		

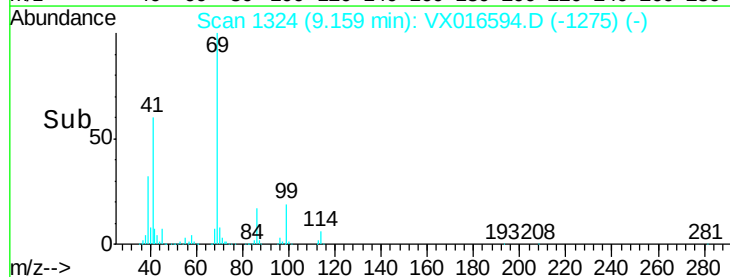
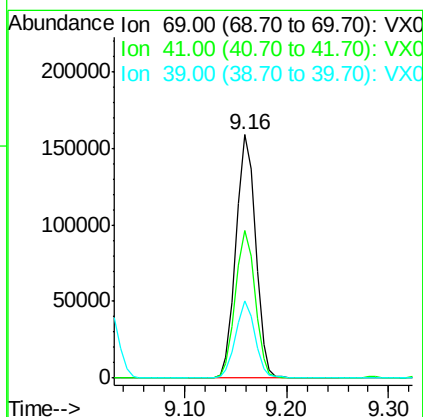
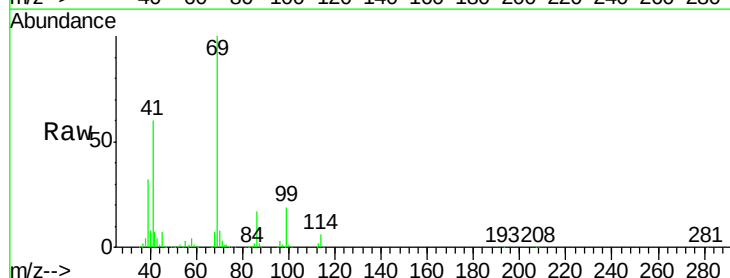
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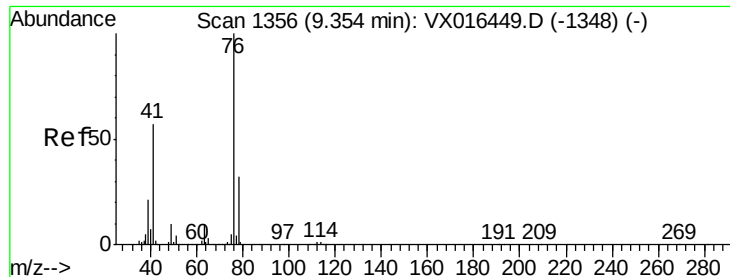
MMDadoda
 6/5/2020 10:12:22 AM



#56
 Ethyl methacrylate
 Concen: 49.978 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		211155		
41	60.8	50.7	76.1		
39	31.0	25.8	38.6		





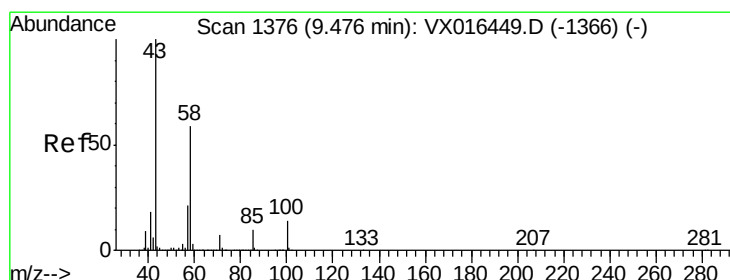
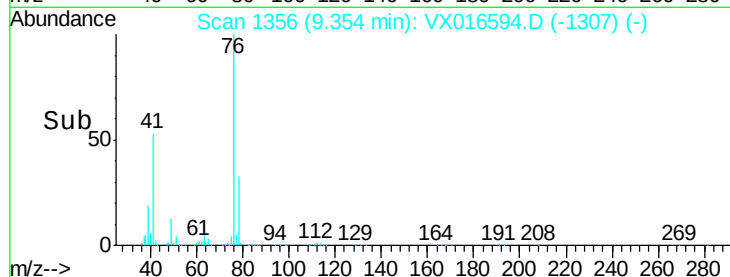
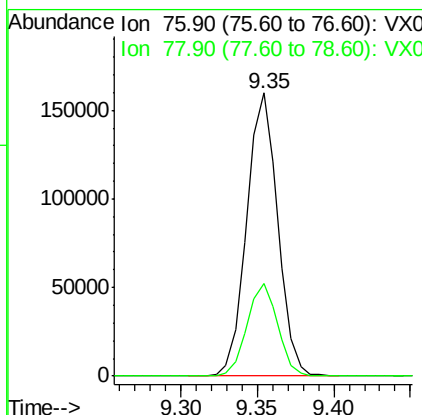
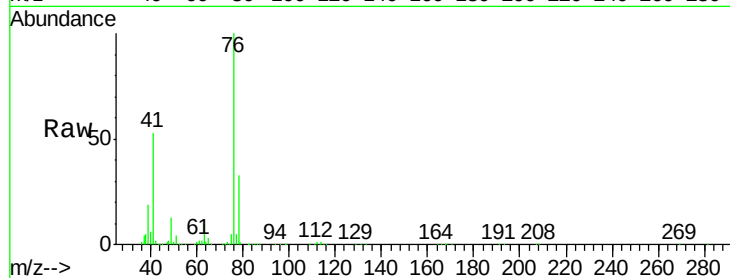
#57
 1,3-Dichloropropane
 Concen: 50.582 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.4

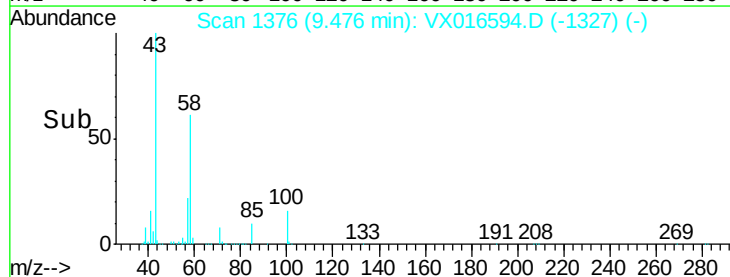
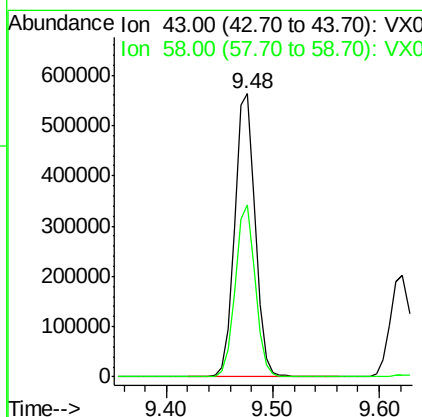
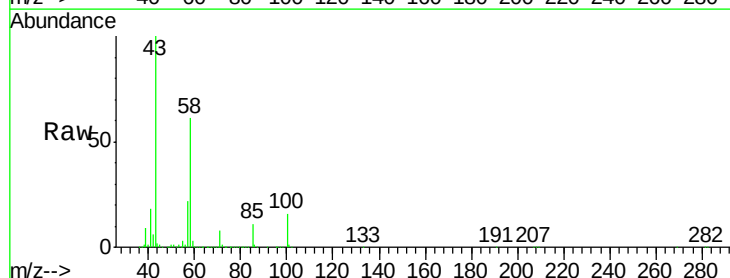
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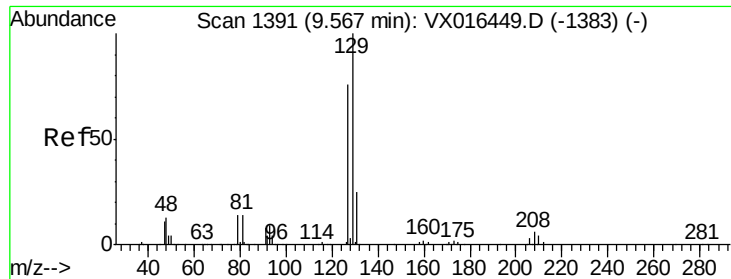
MMDadoda
 6/5/2020 10:12:22 AM



#59
 2-Hexanone
 Concen: 241.759 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.6	28.8	86.4





#60

Dibromochloromethane

Concen: 53.625 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion:129 Resp: 156553

Ion Ratio Lower Upper

129 100

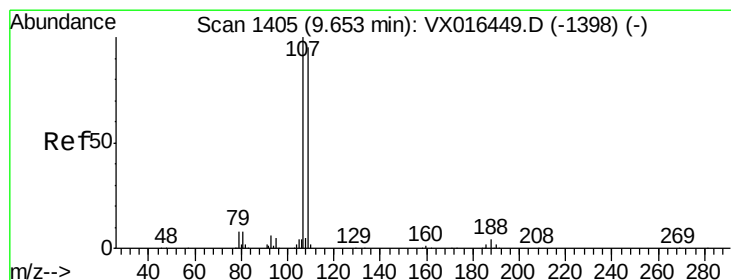
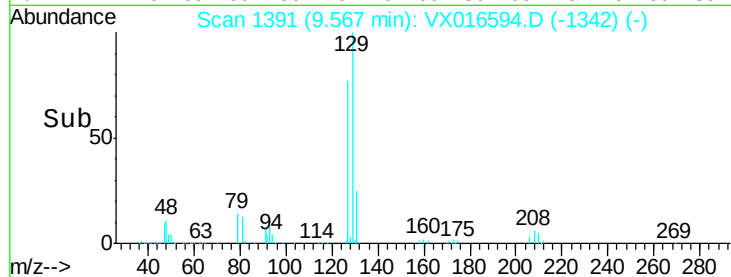
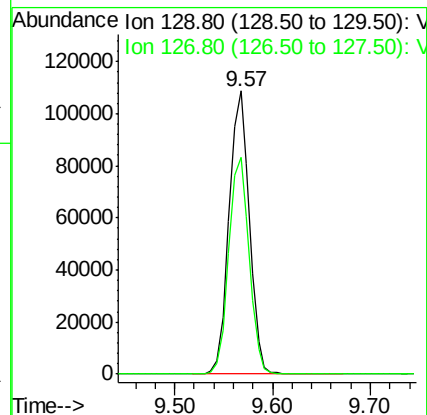
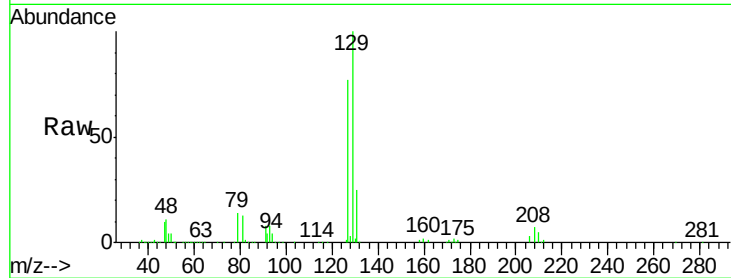
127 77.2 38.6 116.0

Manual Integrations

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6/5/2020 10:12:22 AM



#61

1,2-Dibromoethane

Concen: 51.271 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016594.D

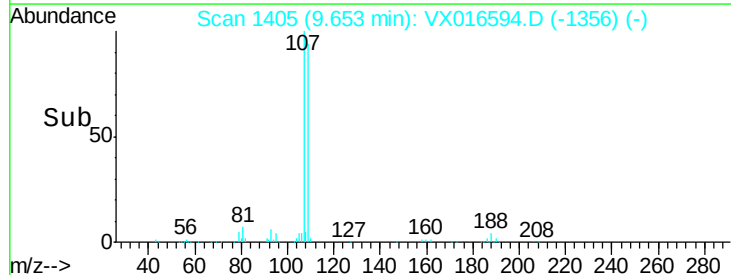
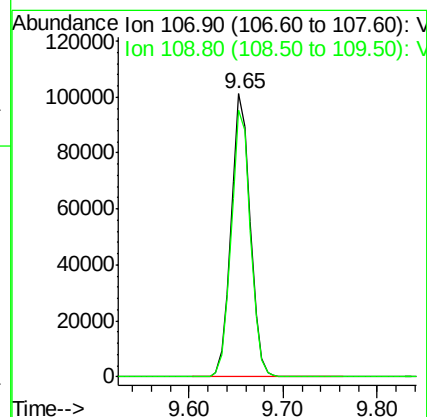
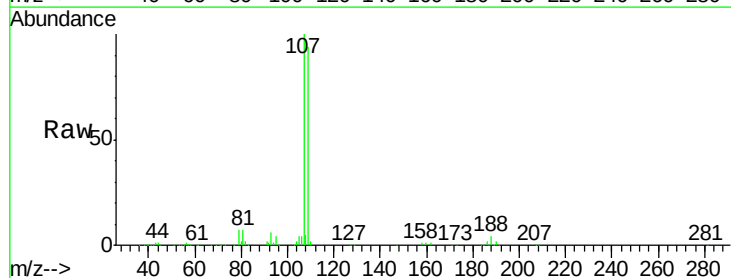
Acq: 04 Jun 2020 20:09

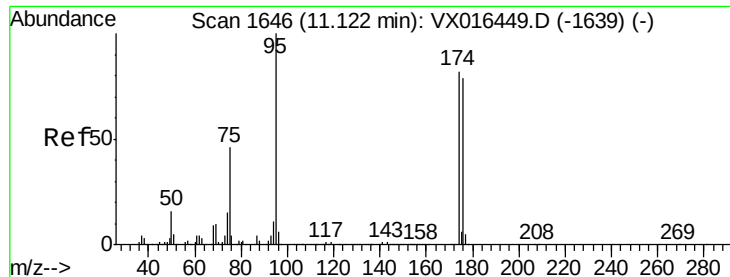
Tgt Ion:107 Resp: 142431

Ion Ratio Lower Upper

107 100

109 94.5 75.5 113.3





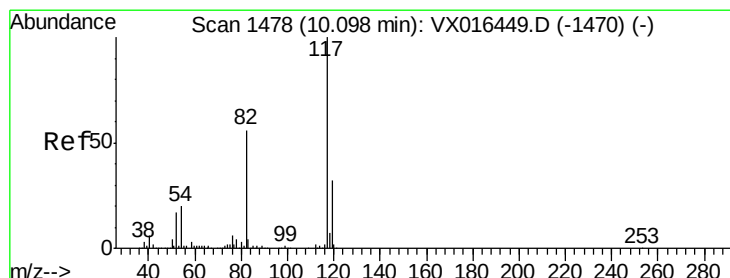
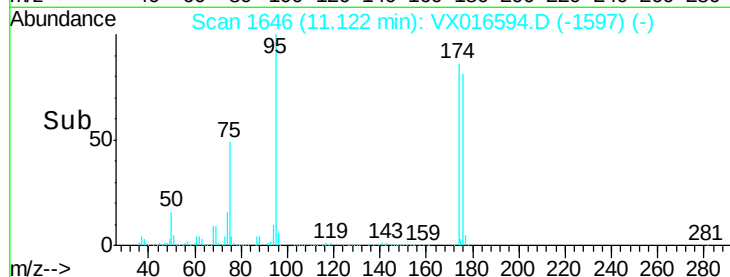
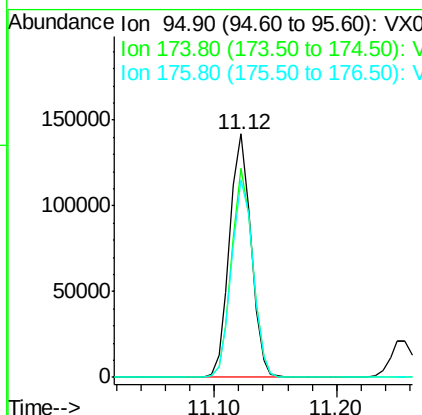
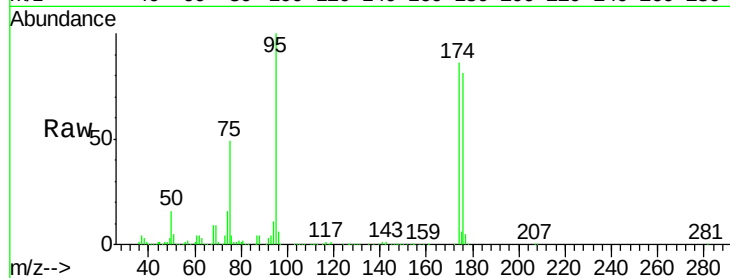
#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	172401		
174	83.8	0.0	163.0	
176	81.4	0.0	156.8	

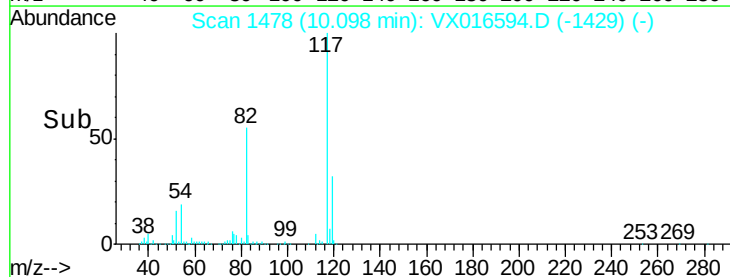
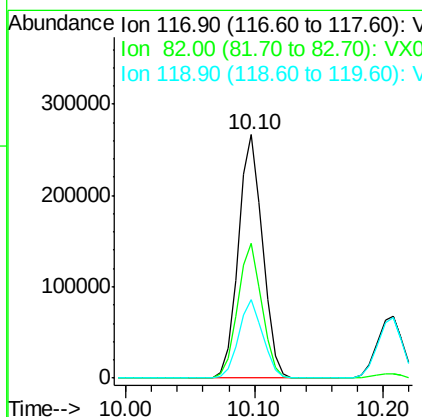
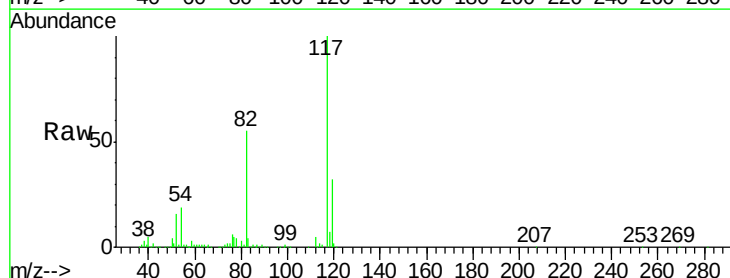
Manual Integrations
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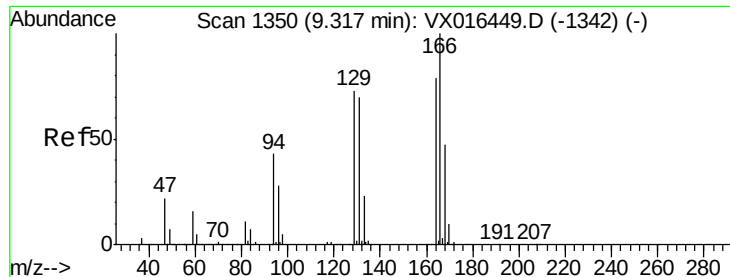
MMDadoda
6/5/2020 10:12:22 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	346287		
82	55.2	45.0	67.6	
119	32.3	25.8	38.8	





#64

Tetrachloroethene

Concen: 44.641 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion:164 Resp: 172950

Ion Ratio Lower Upper

164 100

166 125.7 100.9 151.3

129 93.5 73.2 109.8

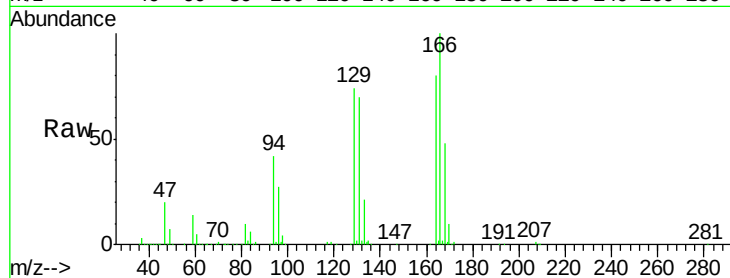
131 88.1 70.8 106.2

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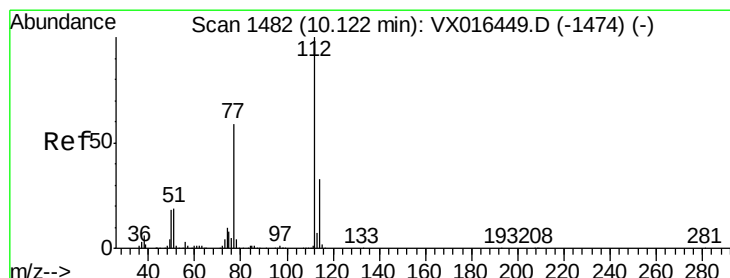
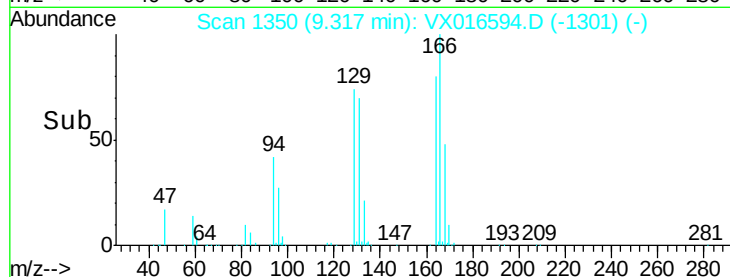
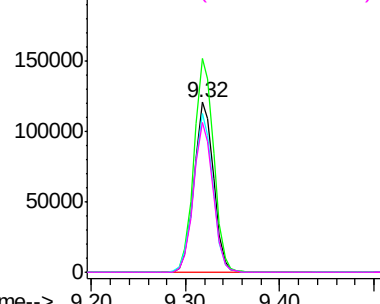


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 128.208 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016594.D

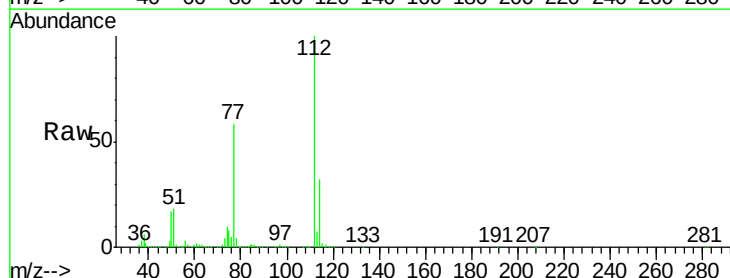
Acq: 04 Jun 2020 20:09

Tgt Ion:112 Resp: 905130

Ion Ratio Lower Upper

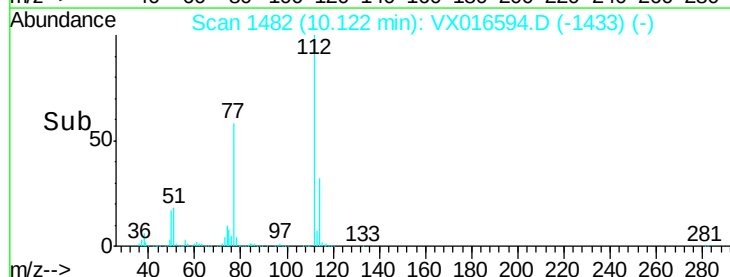
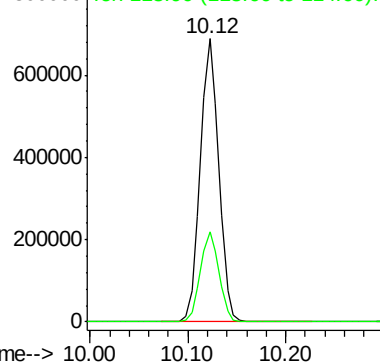
112 100

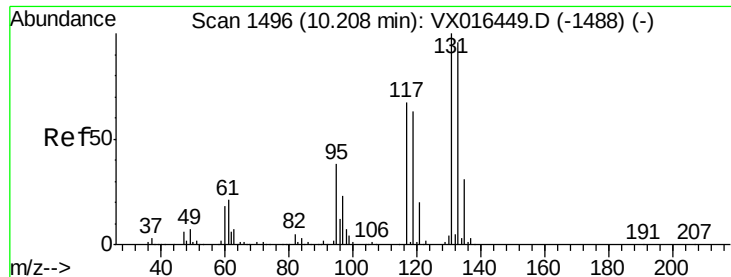
114 31.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.912 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

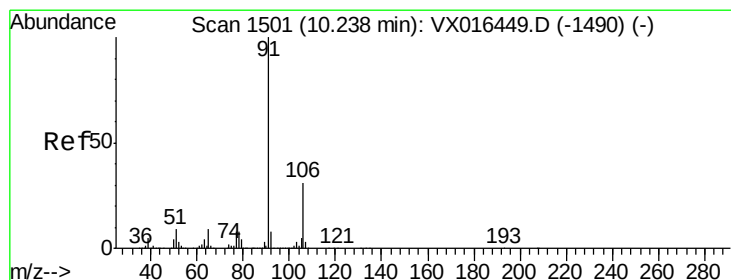
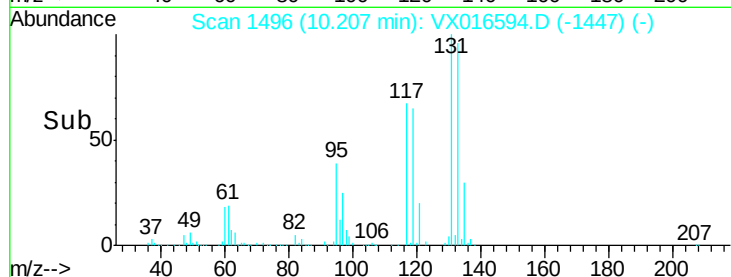
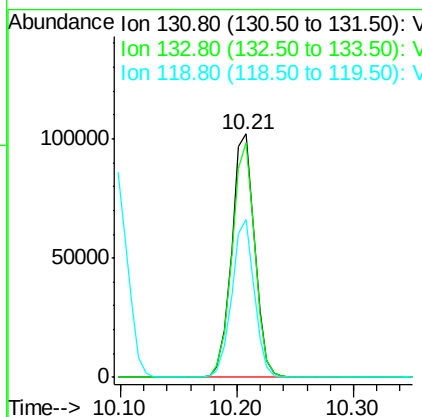
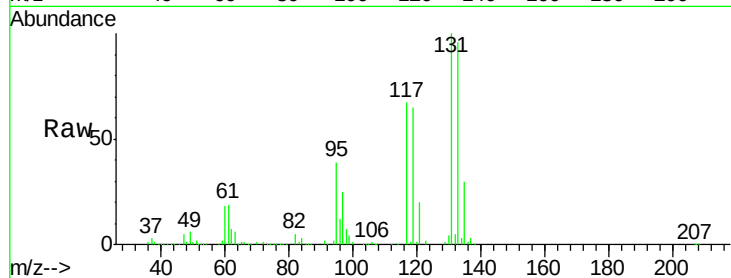
ClientSampleId :

SS032MW008-200602MS

Tot Ion:	131	Resp:	139898
Ion Ratio	Lower	Upper	
131	100		
133	95.8	48.4	145.3
119	63.8	32.0	96.2

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#67

Ethyl Benzene

Concen: 49.326 ug/l

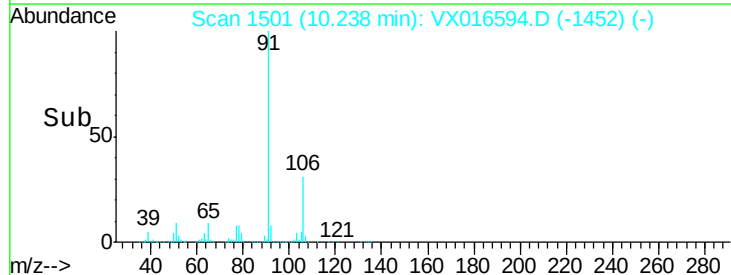
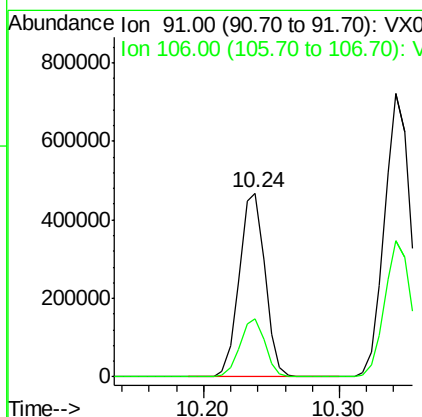
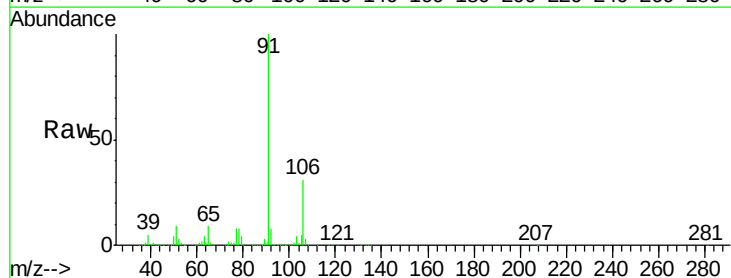
RT: 10.24 min Scan# 1501

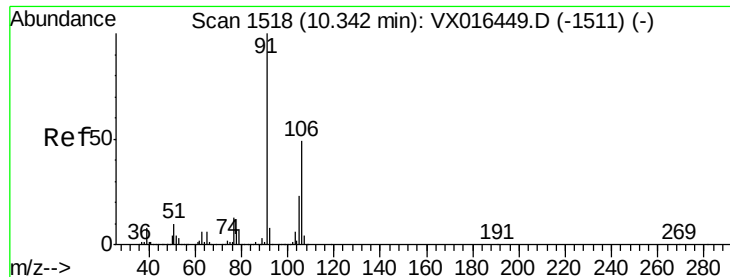
Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion:	91	Resp:	620001
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.0	37.4





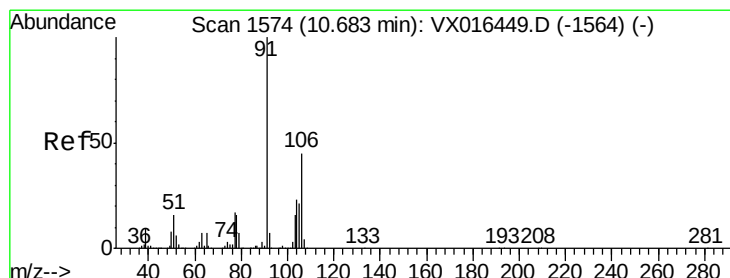
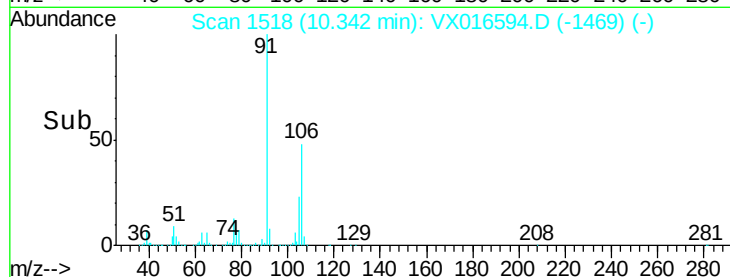
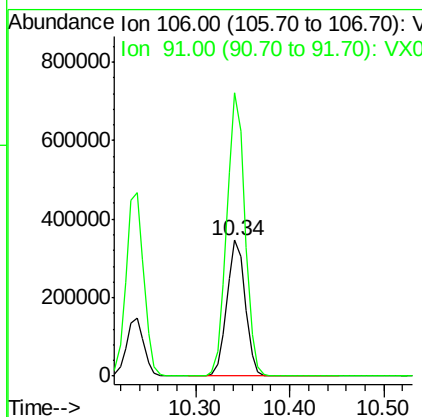
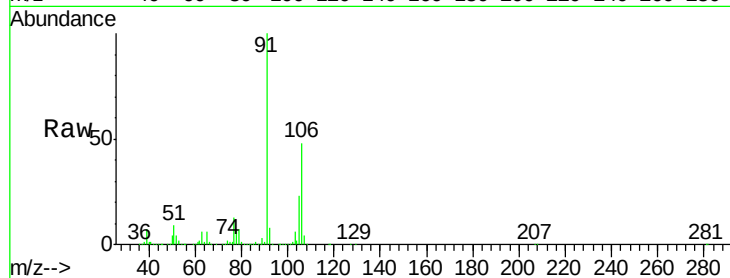
#68
m/p-Xylenes
Concen: 100.391 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.3		163.8	245.8	

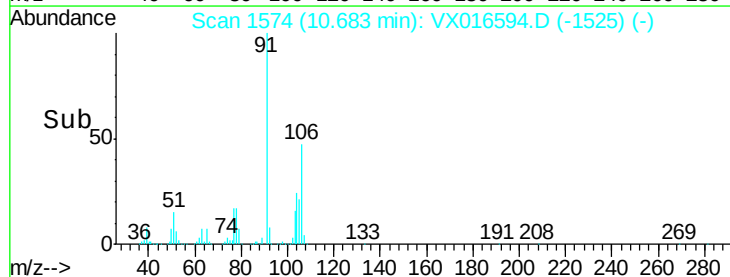
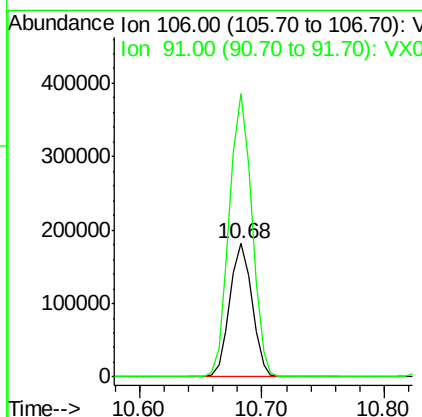
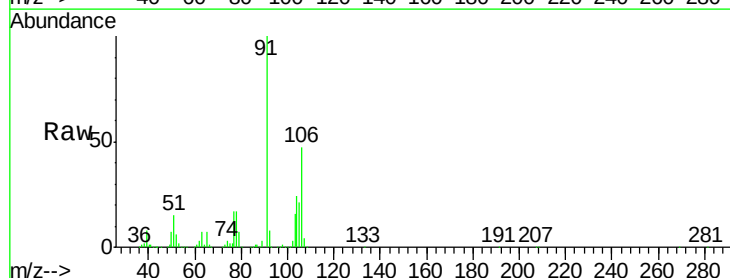
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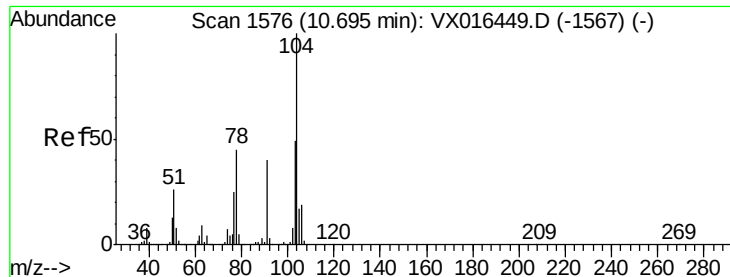
MMDadoda
6/5/2020 10:12:22 AM



#69
o-Xylene
Concen: 50.943 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.2		109.6	328.8	





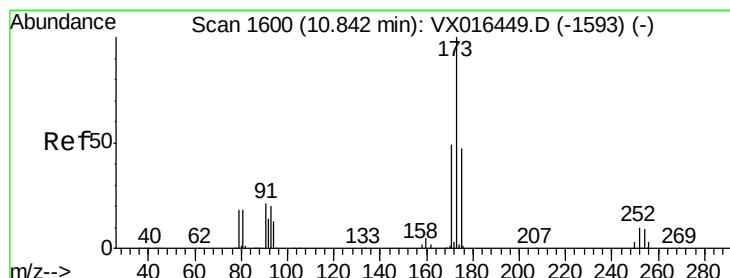
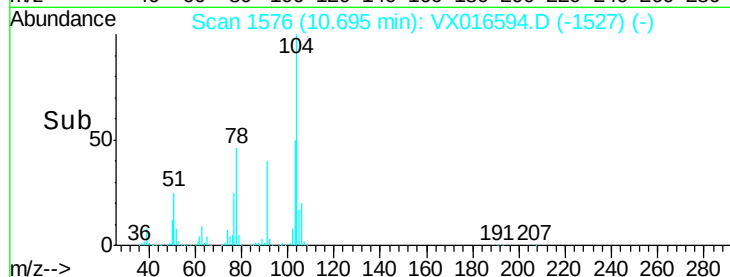
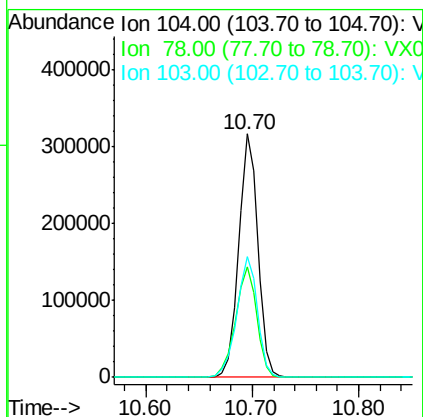
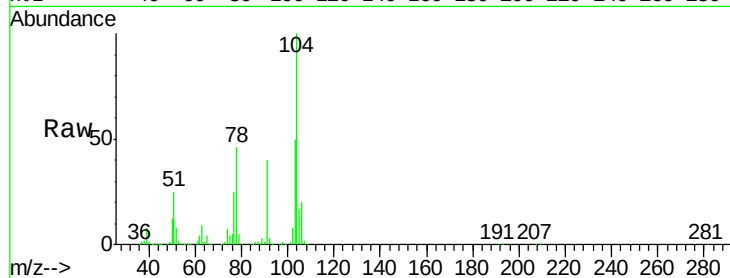
#70
Stvrene
Concen: 51.645 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	400659		
78	50.6		40.2	60.2
103	53.8		43.1	64.7

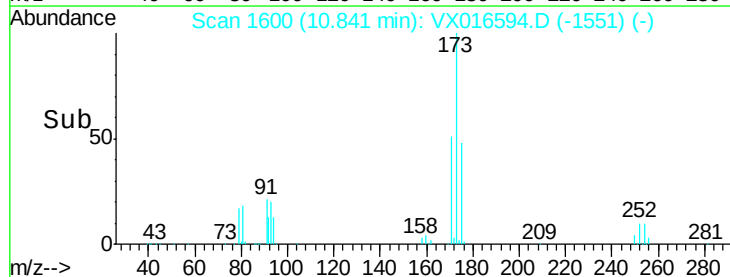
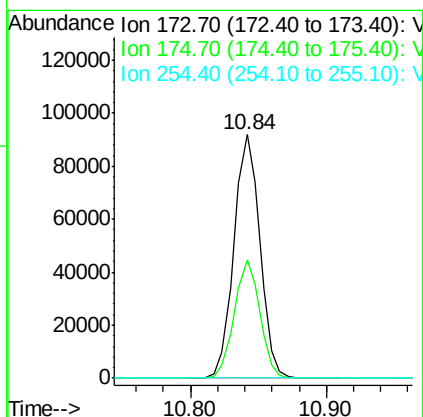
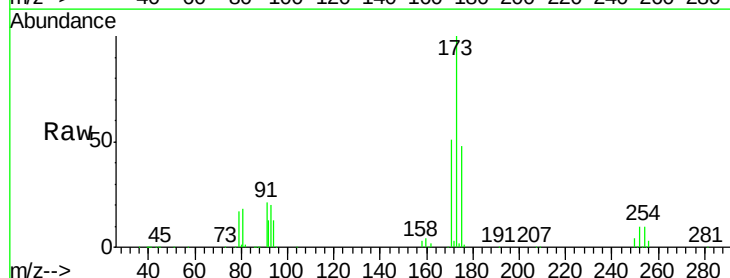
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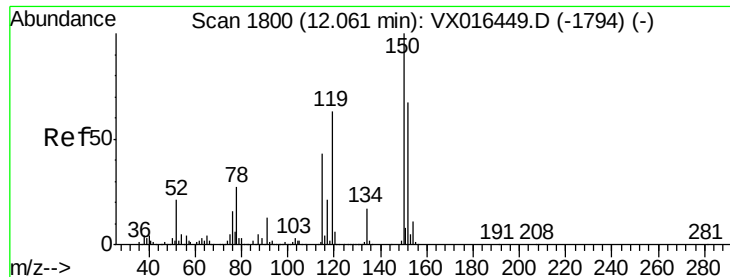
MMDadoda
6/5/2020 10:12:22 AM



#71
Bromoform
Concen: 53.534 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	121928		
175	47.7		23.9	71.7
254	0.1		0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion:152 Resp: 174316

Ion Ratio Lower Upper

152 100

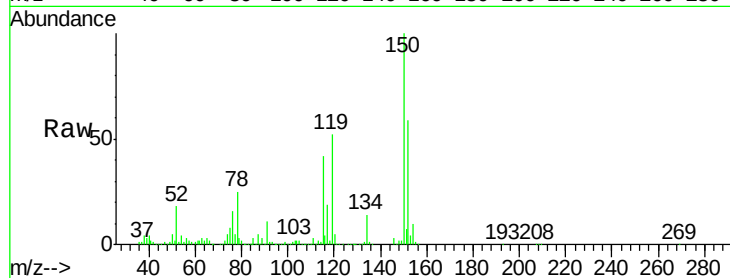
115 81.1 39.9 119.6

150 180.2 0.0 341.0

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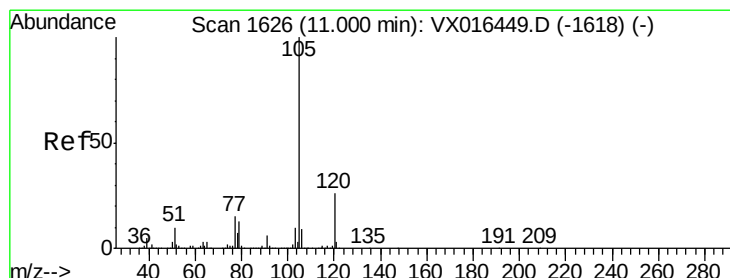
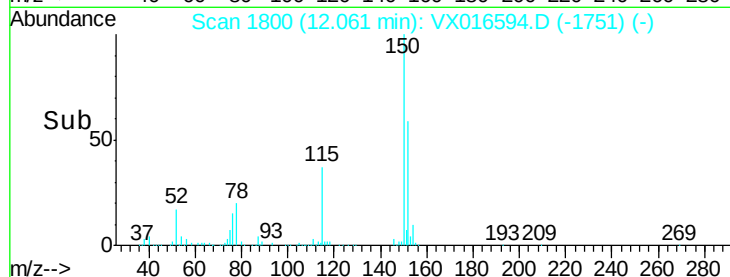
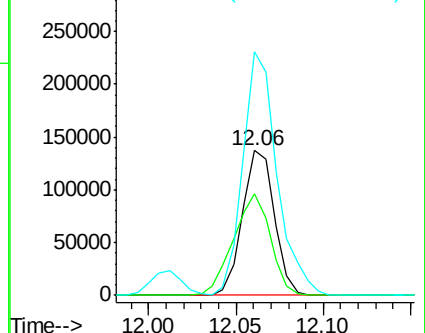
6/5/2020 10:12:22 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.541 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016594.D

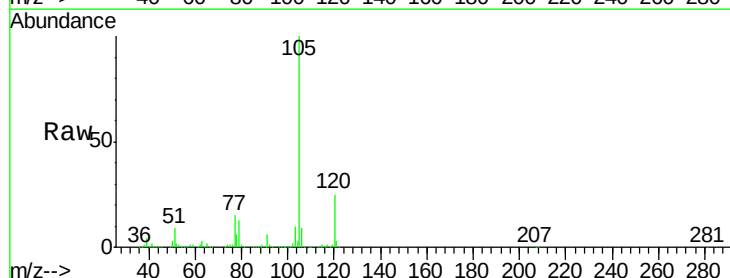
Acq: 04 Jun 2020 20:09

Tgt Ion:105 Resp: 598359

Ion Ratio Lower Upper

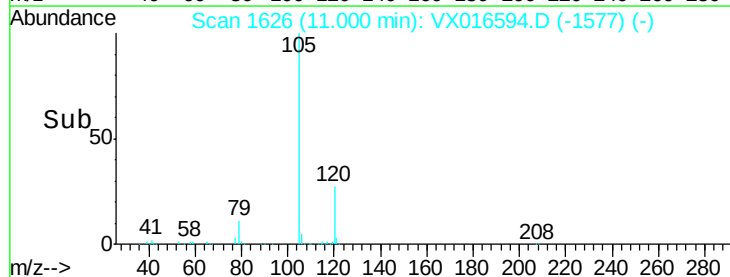
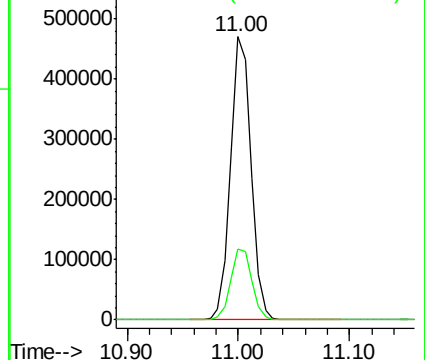
105 100

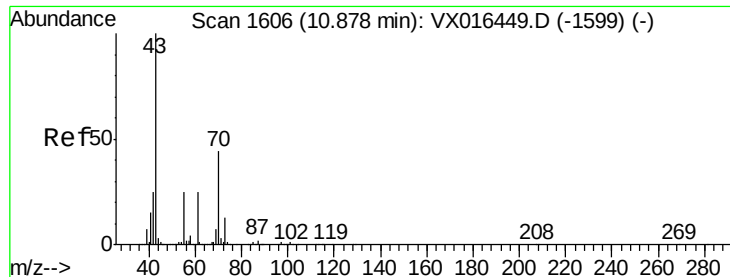
120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.231 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

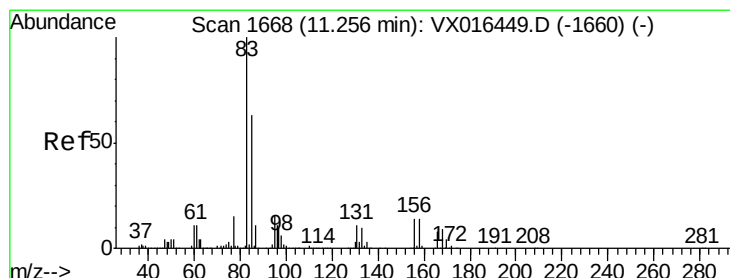
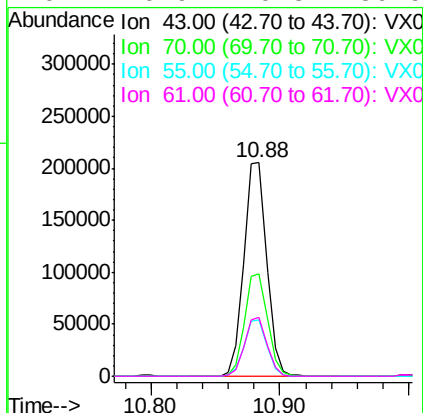
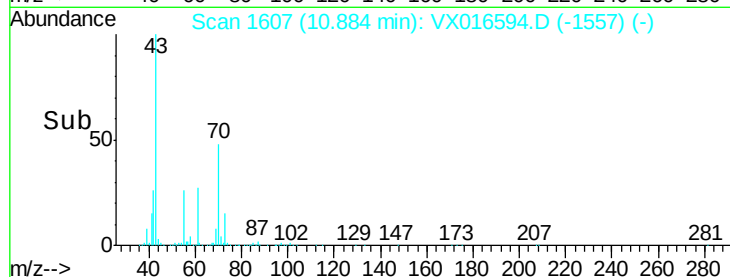
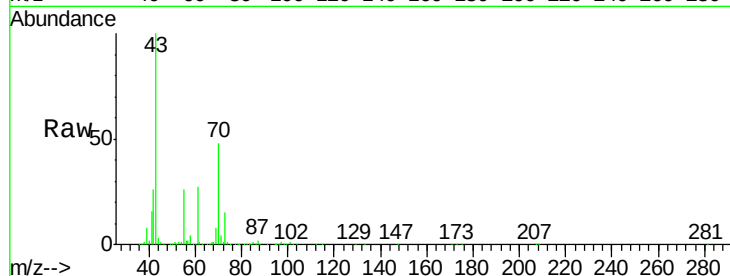
ClientSampleId :

SS032MW008-200602MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		251283		
70	47.9	36.1	54.1		
55	26.5	20.2	30.4		
61	26.9	20.3	30.5		

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#75

1,1,2,2-Tetrachloroethane

Concen: 56.894 ug/l

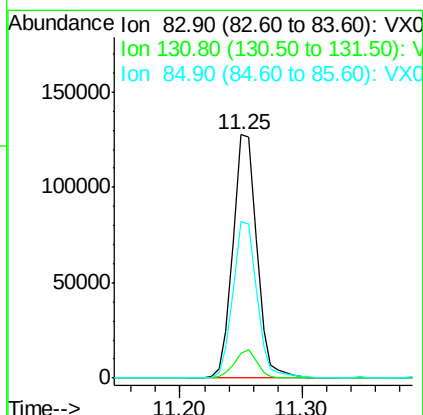
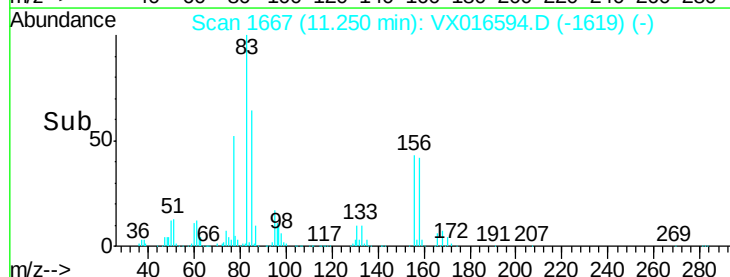
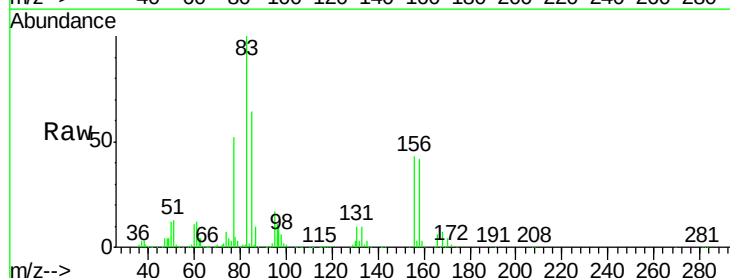
RT: 11.25 min Scan# 1667

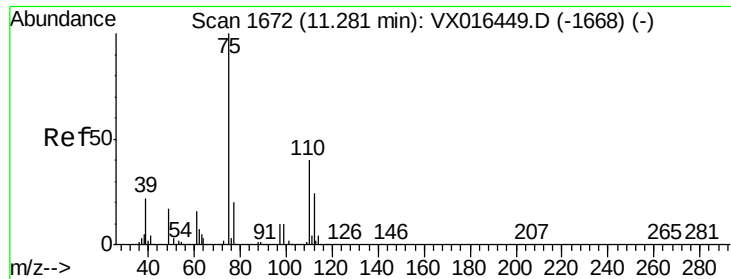
Delta R.T. -0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		172217		
131	11.1	5.1	15.3		
85	64.5	32.0	96.2		





#76

1,2,3-Trichloropropane

Concen: 49.774 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 75 Resp: 190711

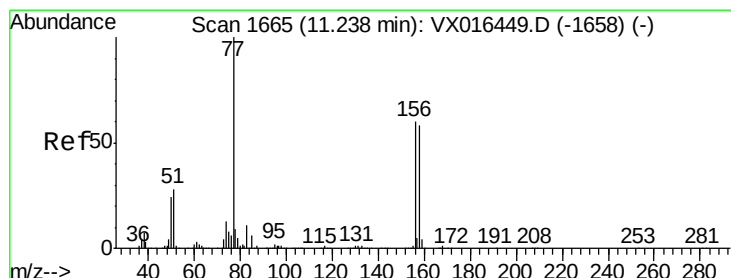
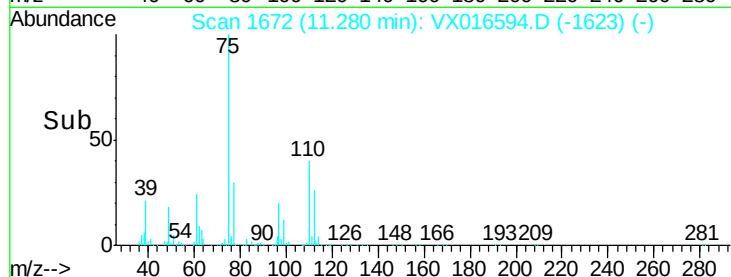
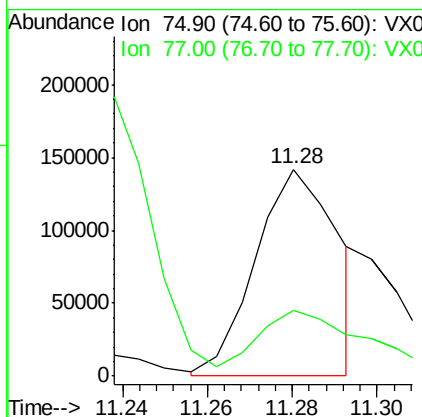
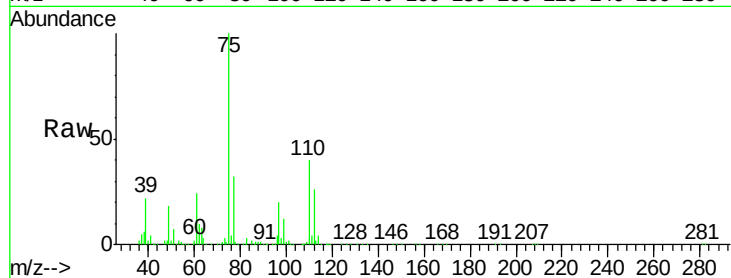
Ion Ratio Lower Upper

75 100

77 41.9 21.3 63.7

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6/5/2020 10:12:22 AM



#77

Bromobenzene

Concen: 50.823 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

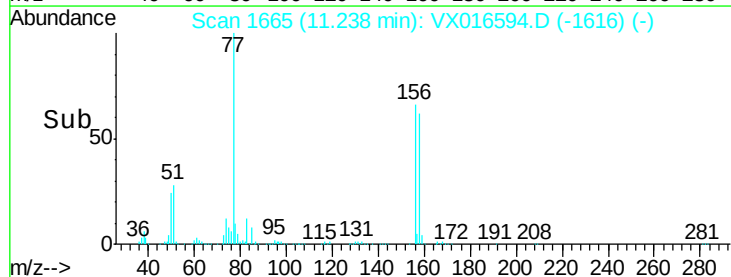
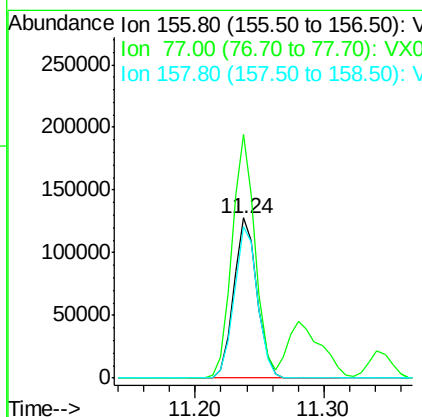
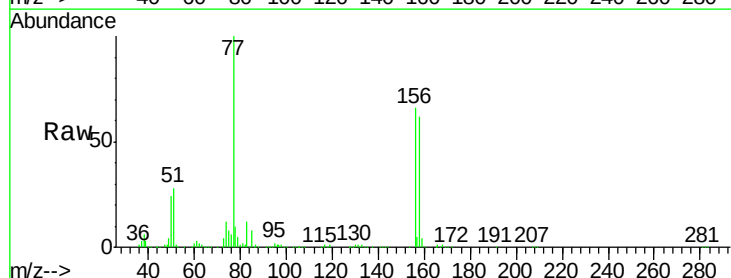
Tgt Ion: 156 Resp: 161000

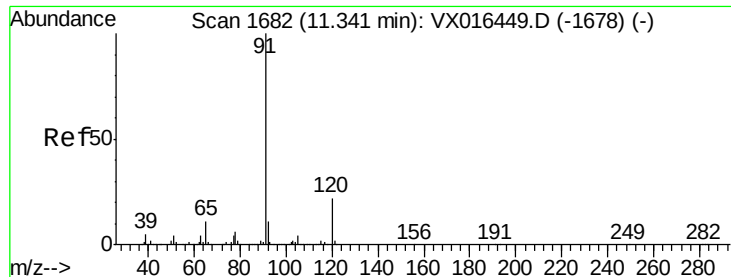
Ion Ratio Lower Upper

156 100

77 151.1 79.6 238.8

158 94.9 48.1 144.4





#78

n-propylbenzene

Concen: 48.960 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602MS

Tot Ion: 91 Resp: 660652

Ion Ratio Lower Upper

91 100

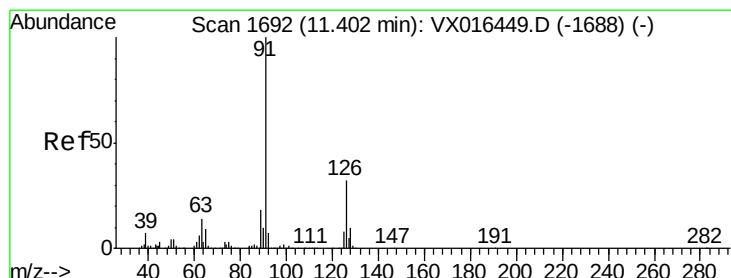
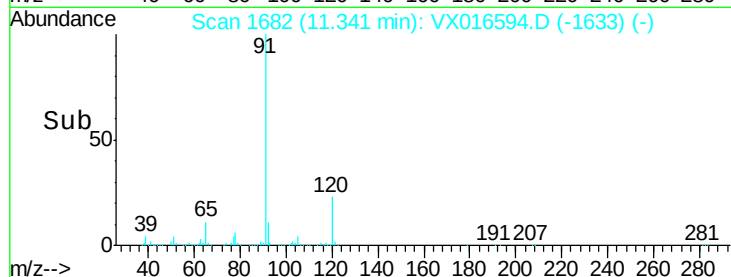
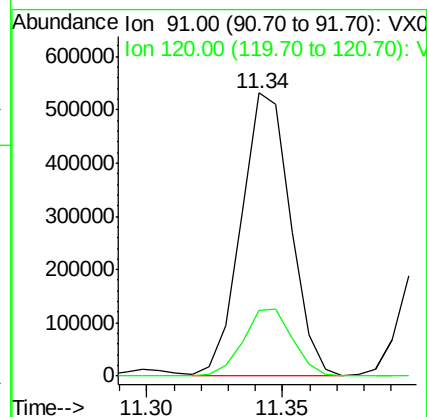
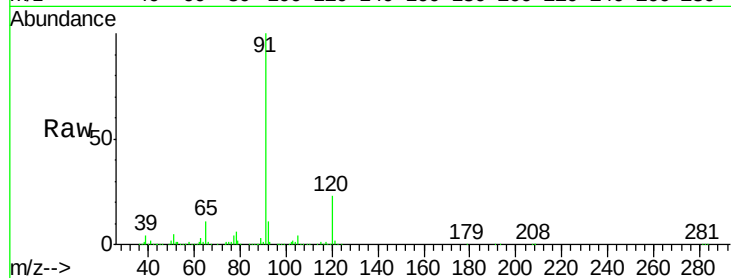
120 24.0 11.6 34.7

Manual Integrations

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MMDadoda

6/5/2020 10:12:22 AM



#79

2-Chlorotoluene

Concen: 49.853 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016594.D

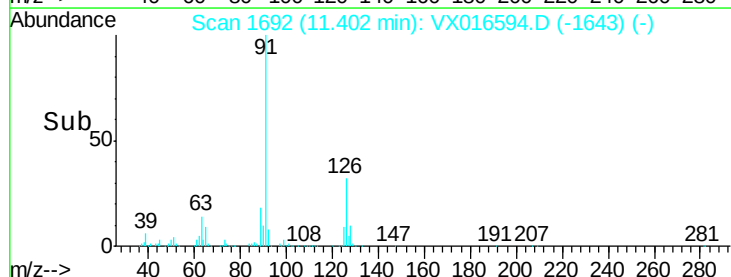
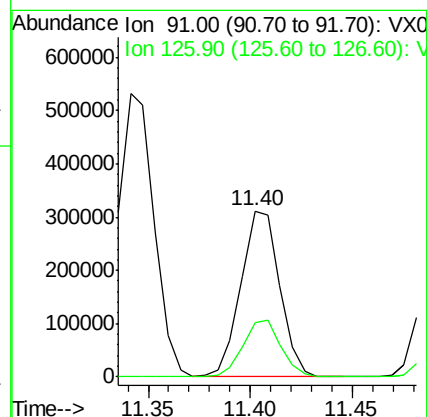
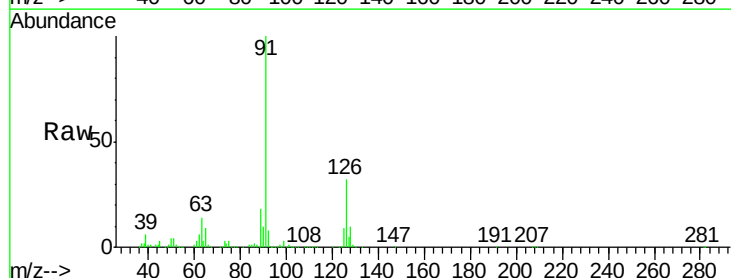
Acq: 04 Jun 2020 20:09

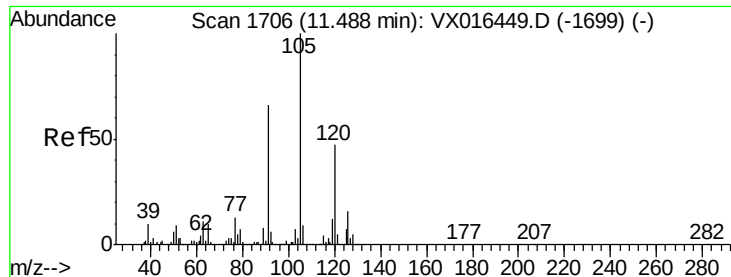
Tgt Ion: 91 Resp: 410620

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.3





#80

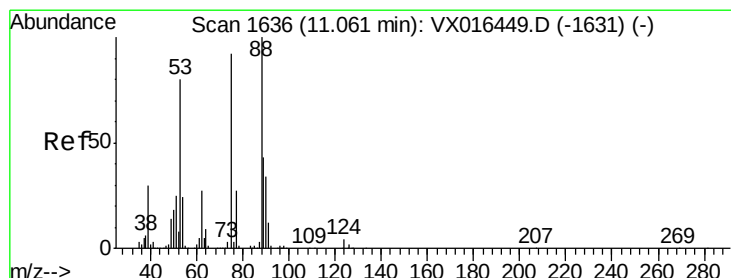
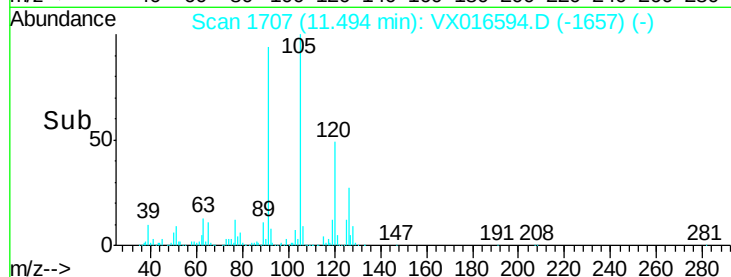
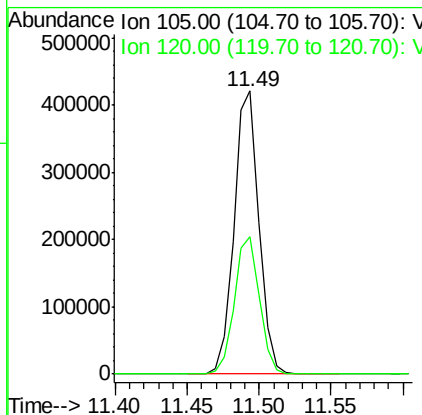
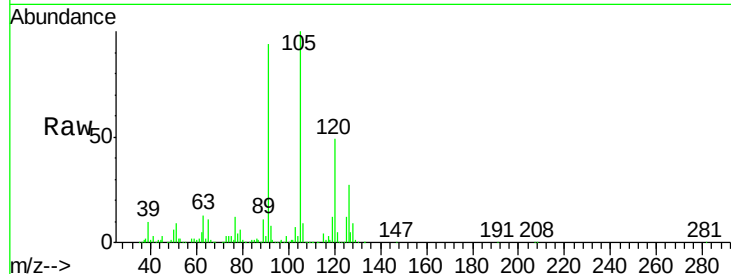
1,3,5-Trimethylbenzene
Concen: 50.368 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.3	72.8

Manual Integrations
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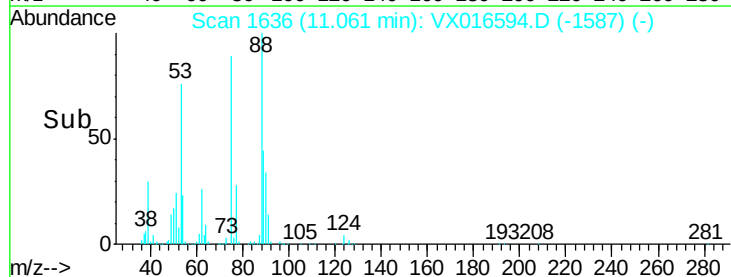
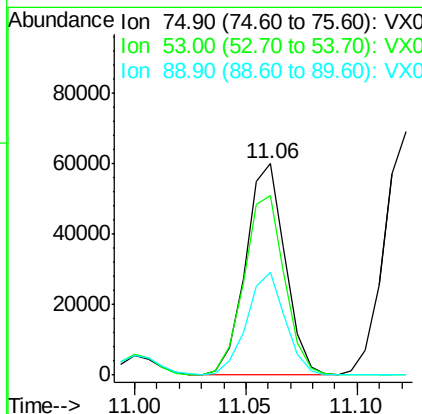
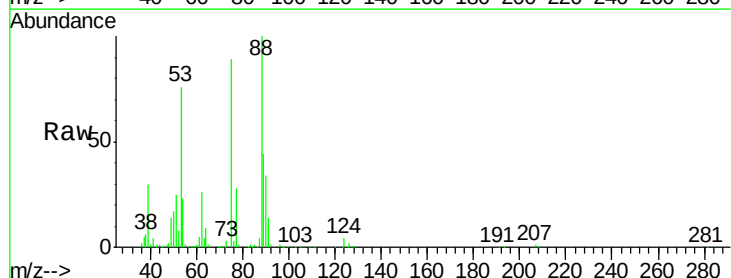
MMDadoda
6/5/2020 10:12:22 AM

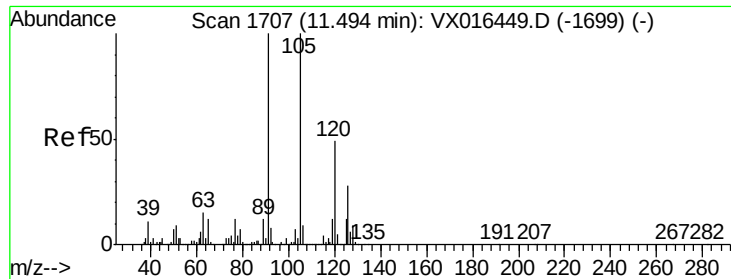


#81

trans-1,4-Dichloro-2-butene
Concen: 47.243 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.4	71.3	106.9
89	47.9	36.6	55.0





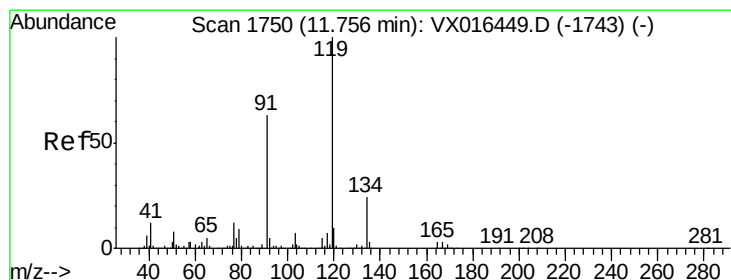
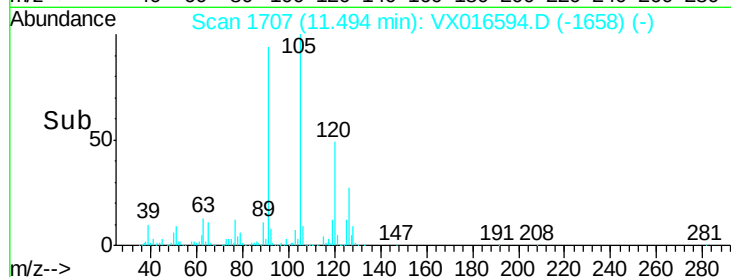
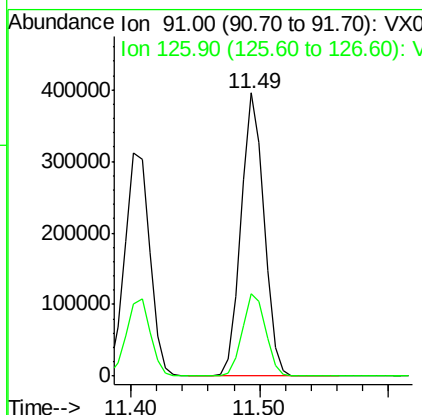
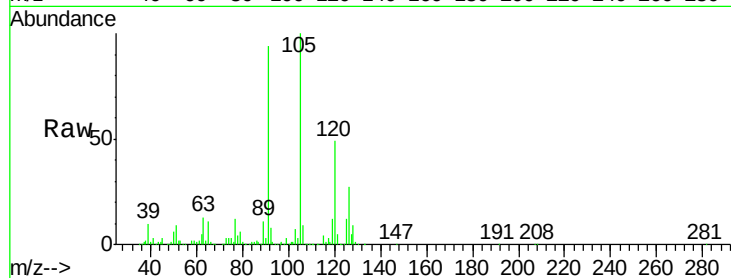
#82
4-Chlorotoluene
Concen: 50.119 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion: 91 Resp: 487482
Ion Ratio Lower Upper
91 100
126 29.7 14.7 44.1

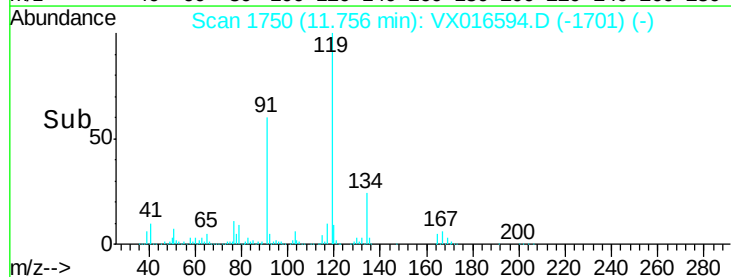
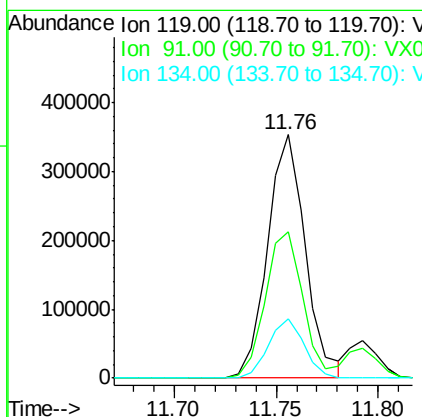
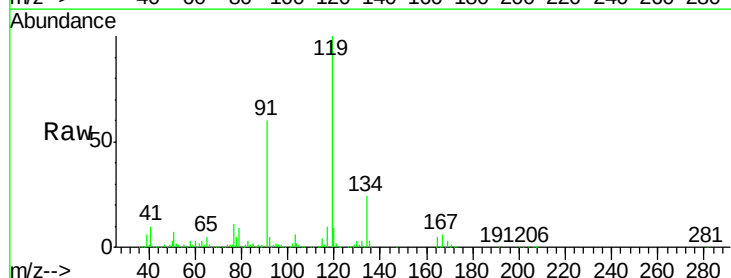
Manual Integrations
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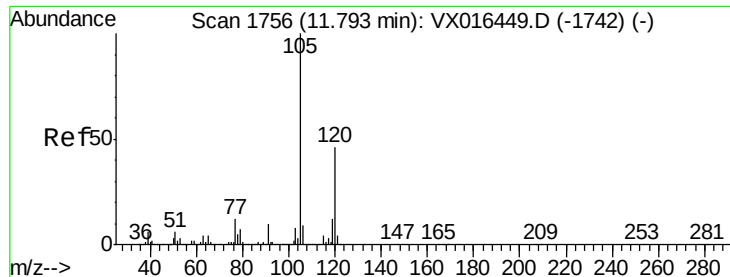
MMDadoda
6/5/2020 10:12:22 AM



#83
tert-Butylbenzene
Concen: 52.886 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 119 Resp: 455729
Ion Ratio Lower Upper
119 100
91 59.5 31.3 93.8
134 23.2 12.0 36.0





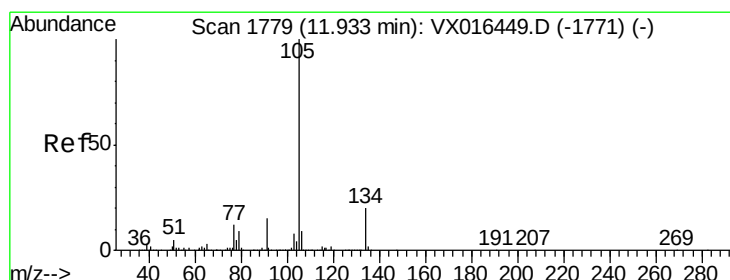
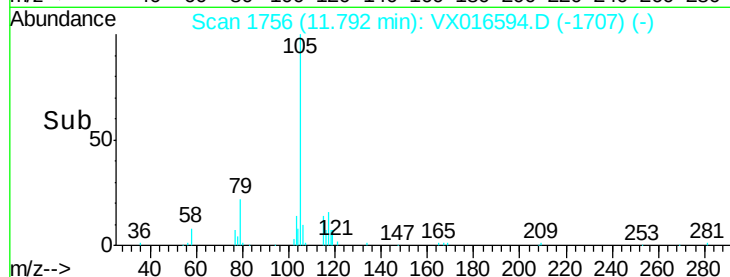
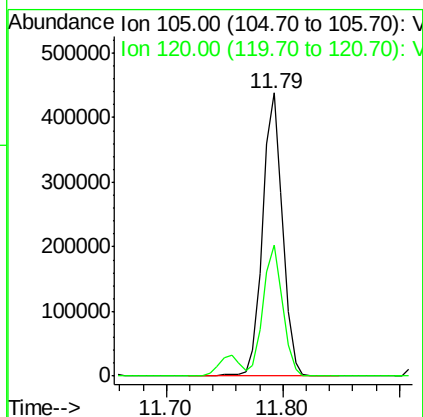
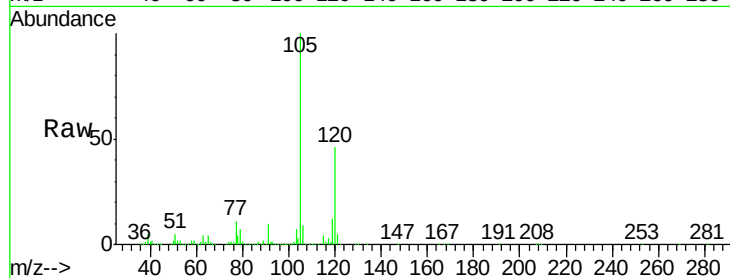
#84
1,2,4-Trimethylbenzene
Concen: 50.959 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.7

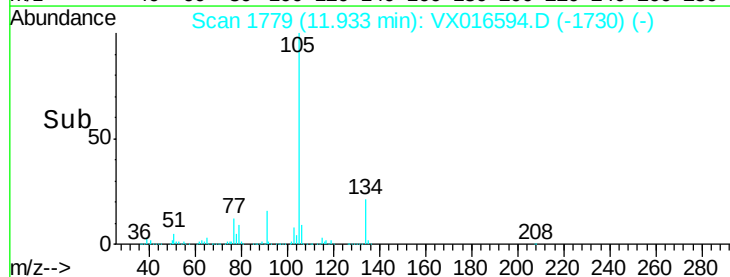
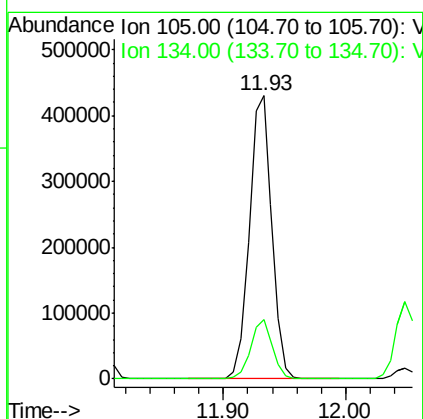
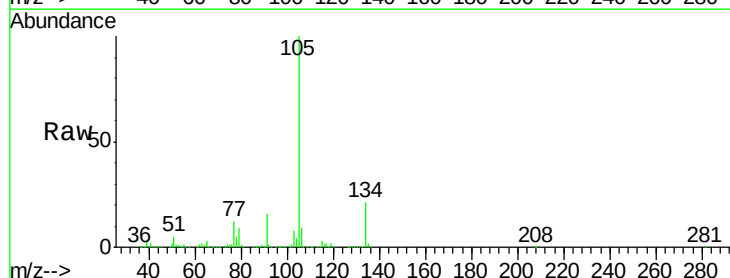
Manual Integrations
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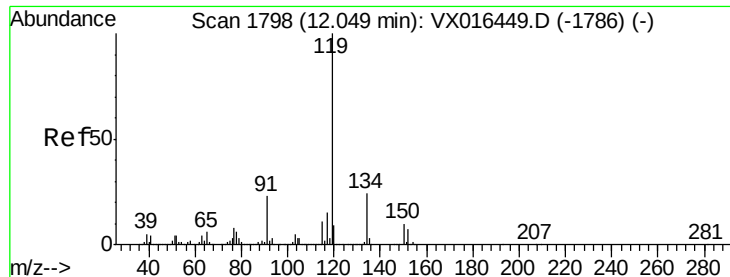
MMDadoda
6/5/2020 10:12:22 AM



#85
sec-Butylbenzene
Concen: 50.591 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3





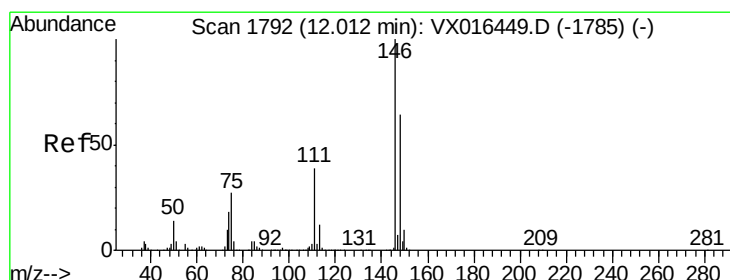
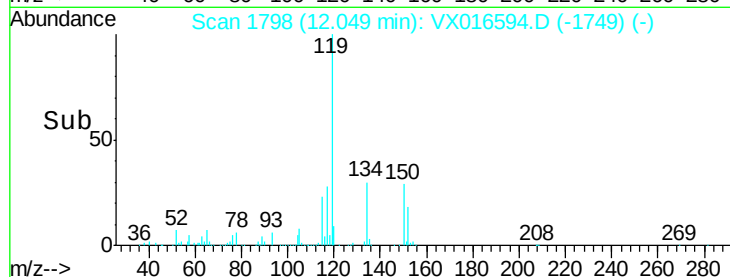
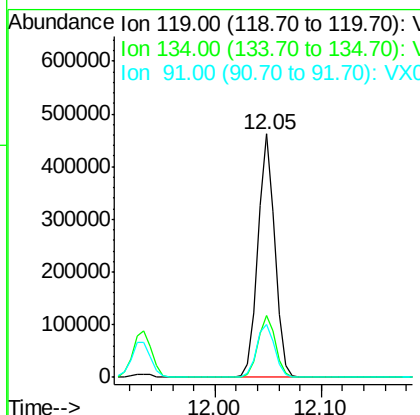
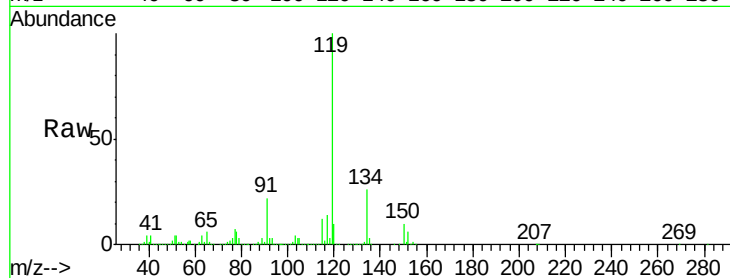
#86
p-Isopropyltoluene
Concen: 50.797 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	514378		
134	26.1		12.7	38.0
91	23.2		11.7	35.0

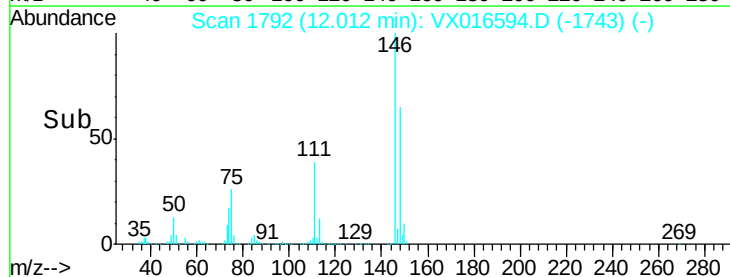
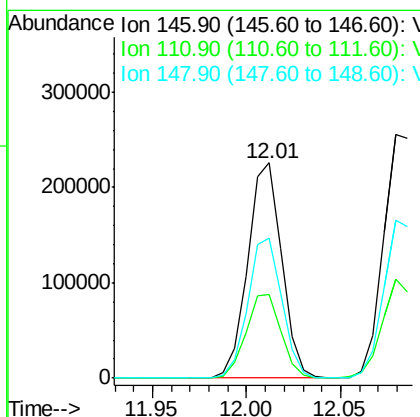
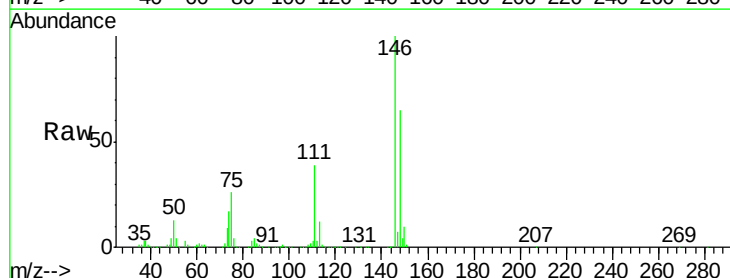
Manual Integrations
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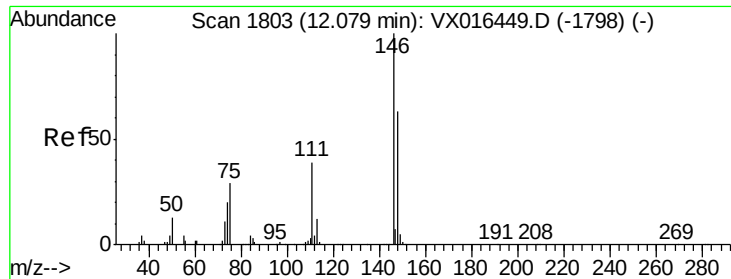
MMDadoda
6/5/2020 10:12:22 AM



#87
1,3-Dichlorobenzene
Concen: 51.385 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282012		
111	40.1		20.0	60.0
148	65.1		31.9	95.5





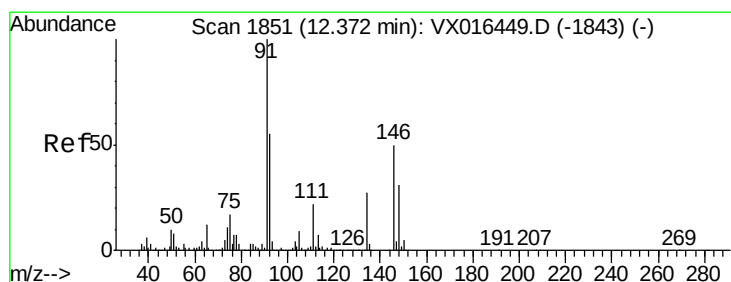
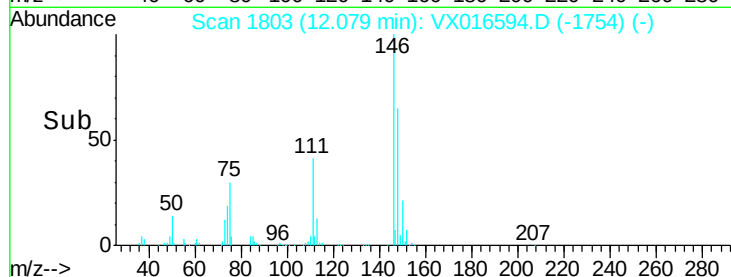
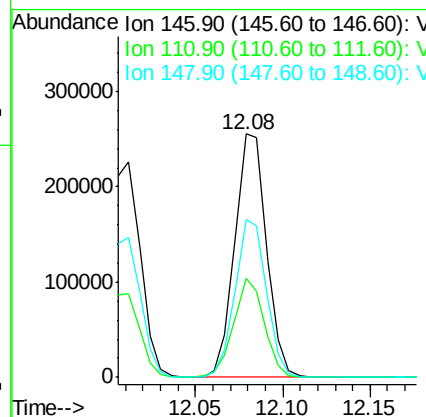
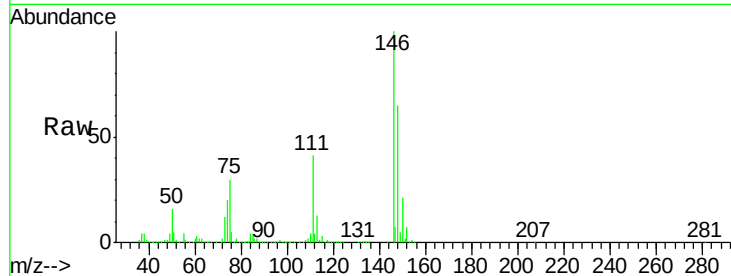
#88
 1,4-Dichlorobenzene
 Concen: 57.450 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	64.5	31.4	94.3

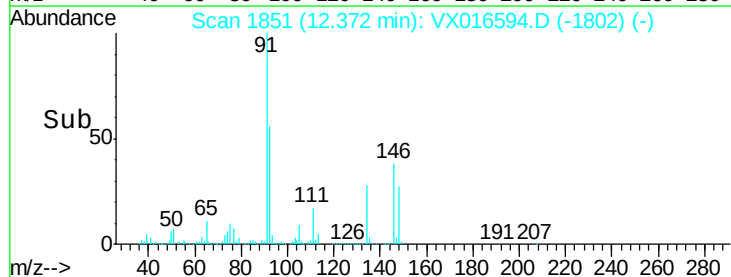
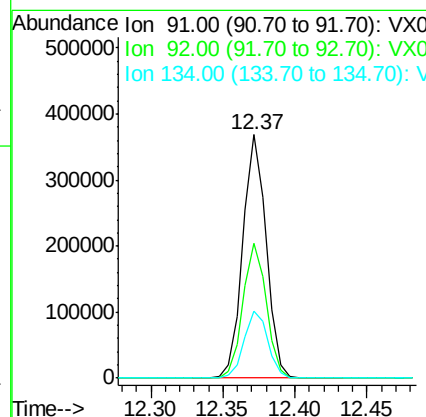
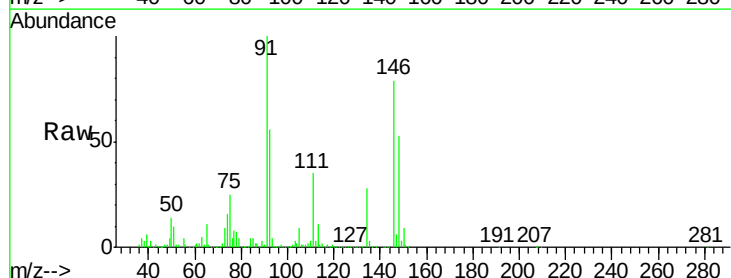
Manual Integrations
 APPROVED

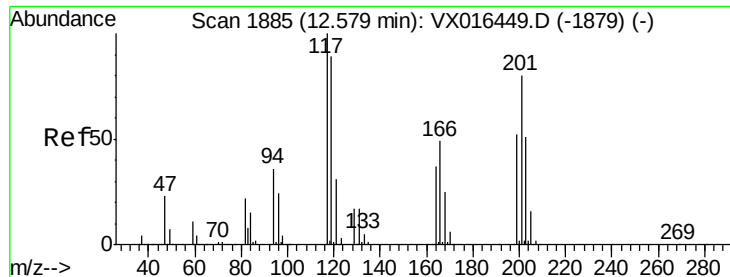
MMDadoda
 6/5/2020 10:12:22 AM



#89
 n-Butylbenzene
 Concen: 49.524 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.2	81.5
134	27.9	13.1	39.3





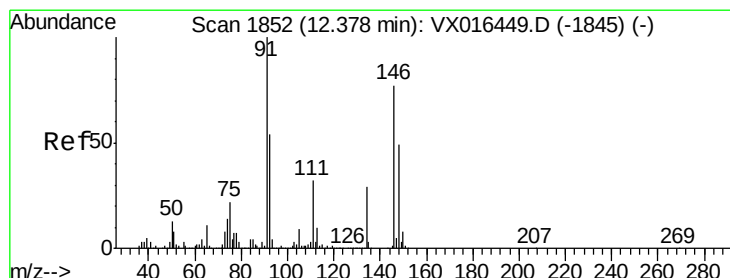
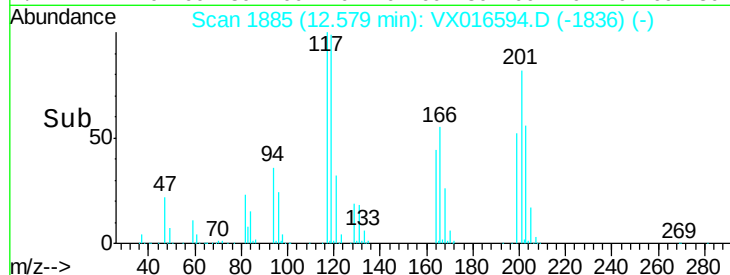
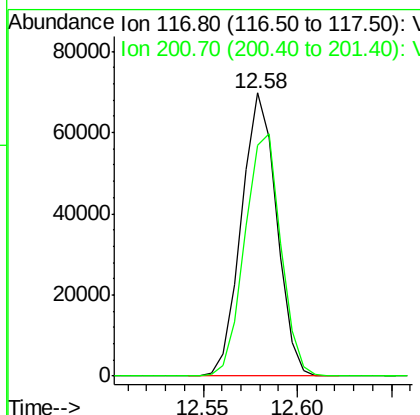
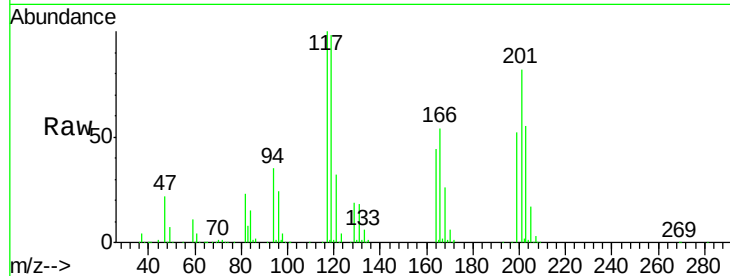
#90
Hexachloroethane
Concen: 51.772 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

Tot Ion:117 Resp: 90553
Ion Ratio Lower Upper
117 100
201 87.5 43.1 129.3

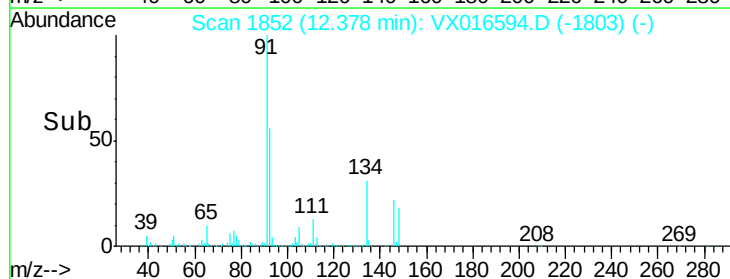
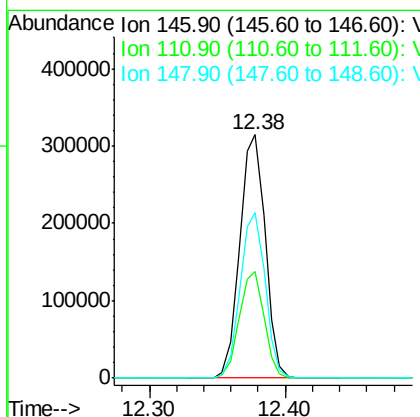
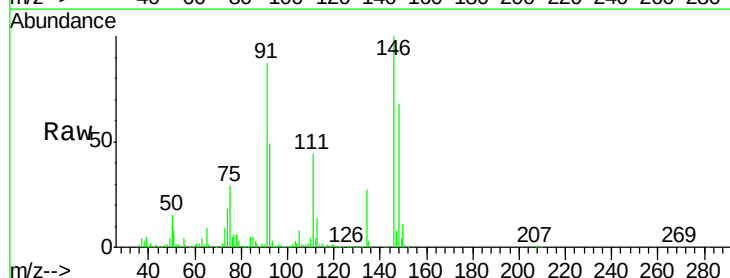
Manual Integrations
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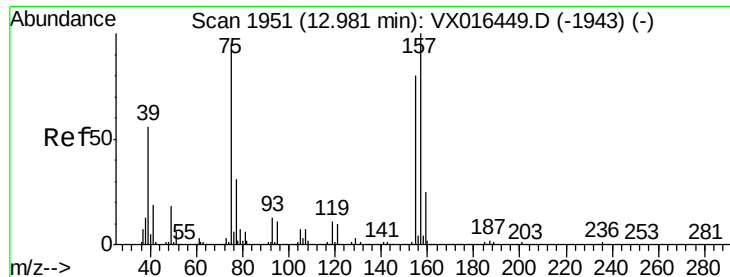
MMDadoda
6/5/2020 10:12:22 AM



#91
1,2-Dichlorobenzene
Concen: 76.968 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion:146 Resp: 409257
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.3
148 66.7 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.624 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

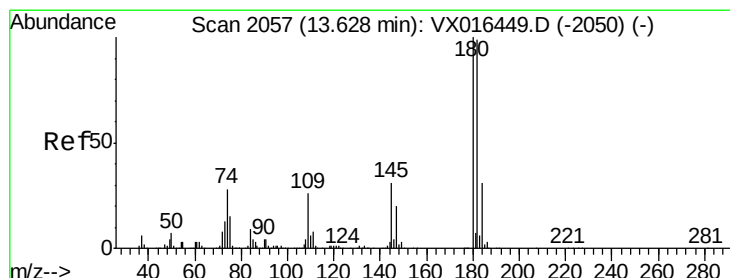
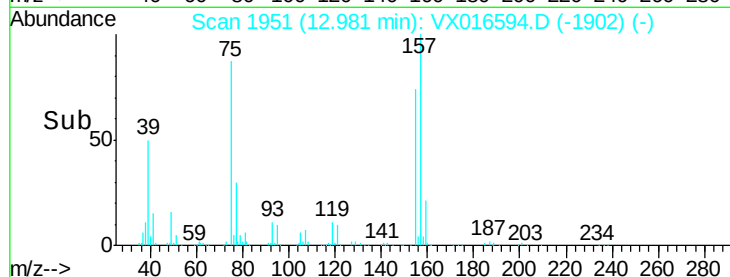
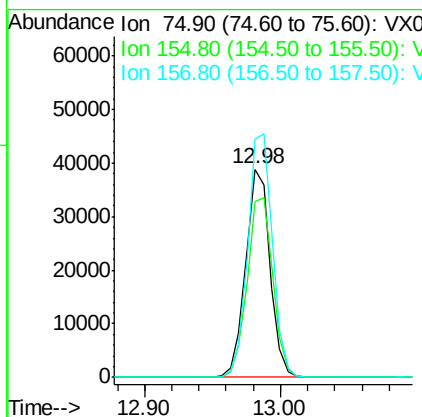
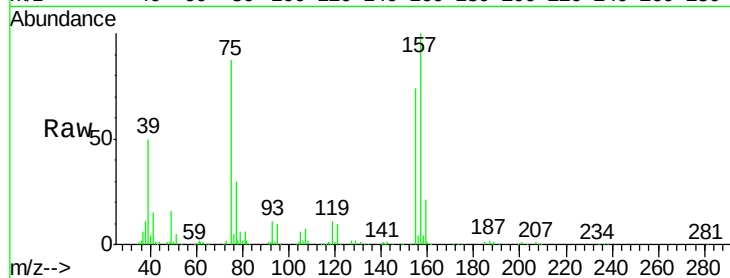
ClientSampleId :

SS032MW008-200602MS

Tot Ion:	75	Resp:	48655
Ion	Ratio	Lower	Upper
75	100		
155	91.3	44.1	132.4
157	119.1	57.8	173.3

Manual Integrations
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6/5/2020 10:12:22 AM



#93

1,2,4-Trichlorobenzene

Concen: 53.078 ug/l

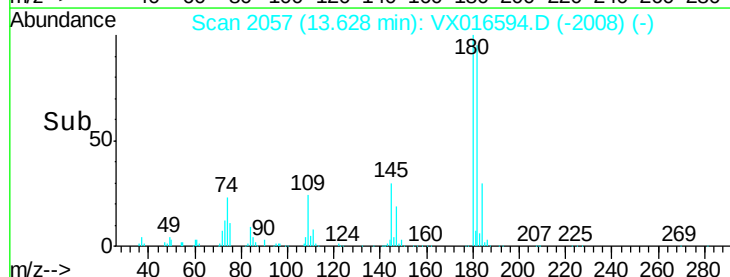
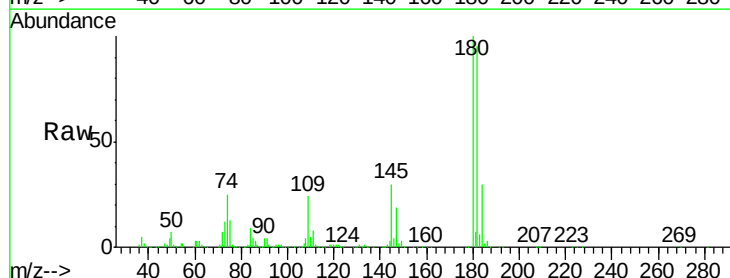
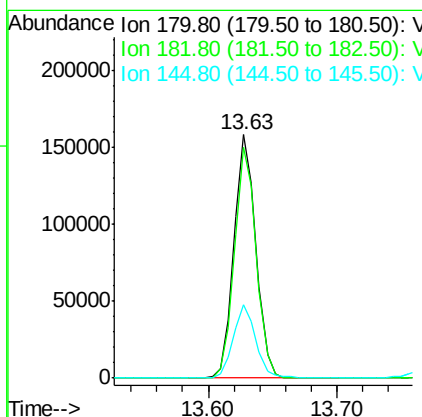
RT: 13.63 min Scan# 2057

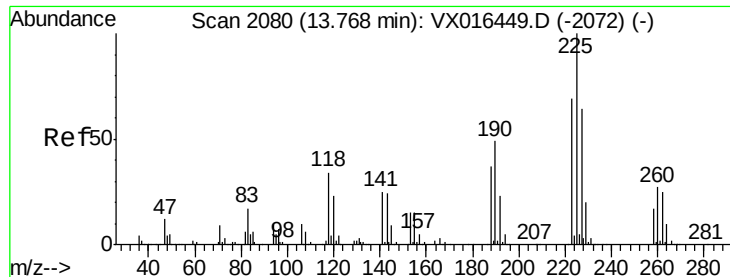
Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion:	180	Resp:	187439
Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.3	144.8
145	31.5	15.4	46.2





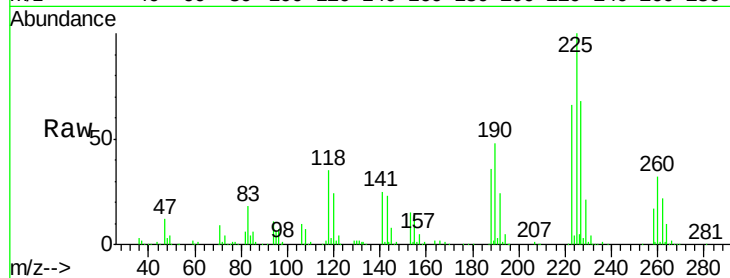
#94
Hexachlorobutadiene
Concen: 52.274 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602MS

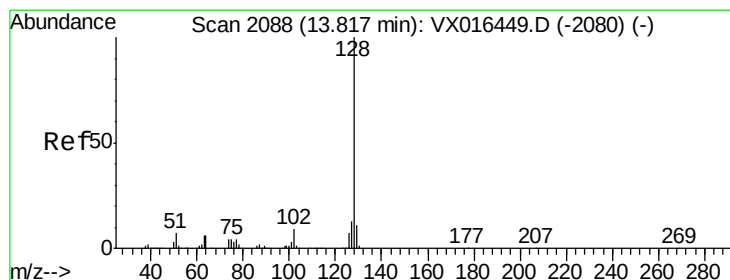
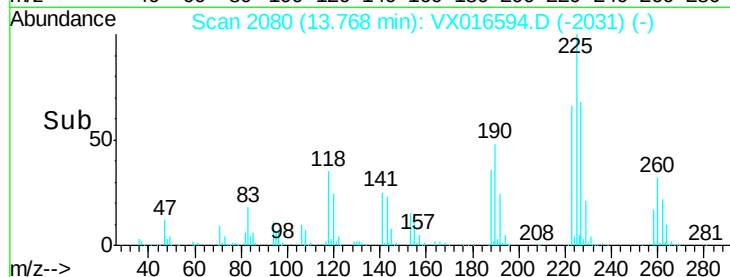
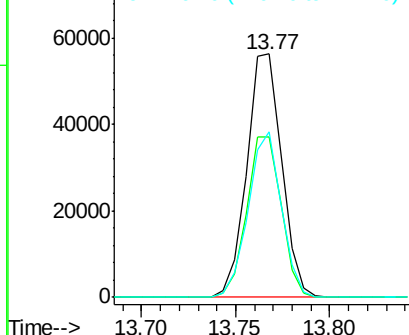
Tot Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.3	96.8
227	64.3	31.6	94.7

Manual Integrations
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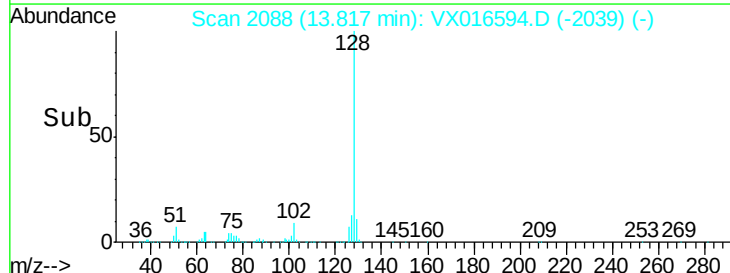
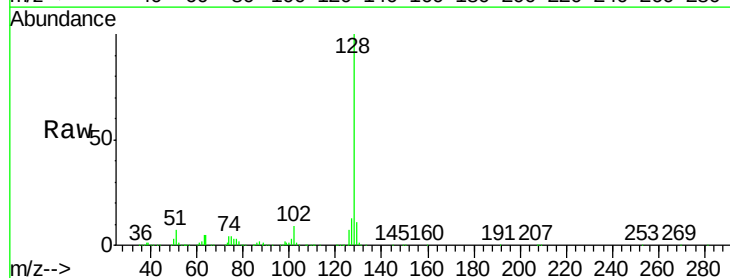
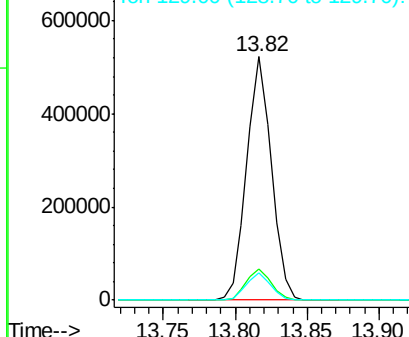
Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

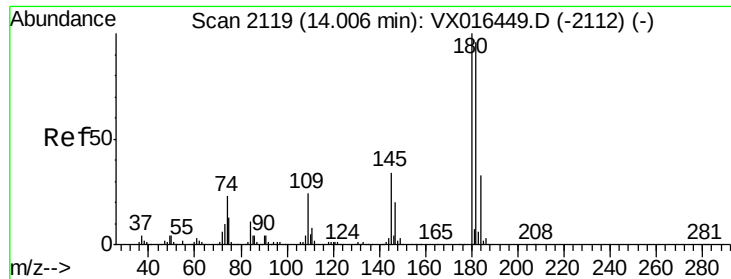


#95
Naphthalene
Concen: 51.130 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.2	8.6	13.0

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





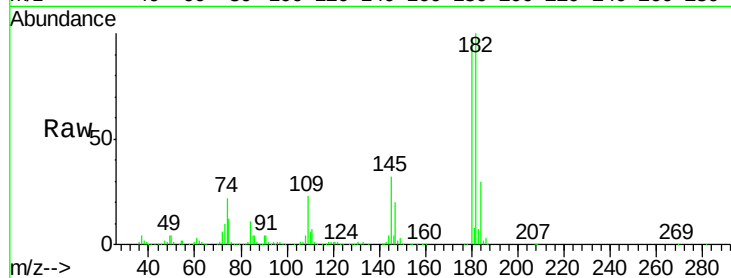
#96
 1,2,3-Trichlorobenzene
 Concen: 50.993 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.7	48.6	145.8	
145	34.5	16.6	49.8	

Manual Integrations
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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

