

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016549.D
 Acq On : 02 Jun 2020 12:18
 Operator : JC/SP
 Sample : L2801-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:40 AM

Quant Time: Jun 03 04:30:17 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	324085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	519948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195424	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.46	113	157519	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.70	98	618733	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.12	95	236974	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148477	46.554	ug/l	95
3) Chloromethane	1.31	50	173847	45.106	ug/l	98
4) Vinyl Chloride	1.39	62	197358	48.420	ug/l	99
5) Bromomethane	1.62	94	82096	41.425	ug/l	99
6) Chloroethane	1.70	64	118615	49.888	ug/l	100
7) Trichlorofluoromethane	1.91	101	252344	47.142	ug/l	99
8) Diethyl Ether	2.17	74	109215	48.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	144251	48.964	ug/l	100
10) Methyl Iodide	2.49	142	145912	41.978	ug/l	98
11) Tert butyl alcohol	3.01	59	331569	321.269	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150171	48.157	ug/l	99
13) Acrolein	2.27	56	140118	319.156	ug/l	97
14) Allyl chloride	2.70	41	295084	51.454	ug/l	97
15) Acrylonitrile	3.12	53	589783	278.974	ug/l	98
16) Acetone	2.42	43	2046338	1160.503	ug/l	99
17) Carbon Disulfide	2.55	76	436665	47.154	ug/l	100
18) Methyl Acetate	2.75	43	292883	64.760	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	549144	49.040	ug/l	98
20) Methylene Chloride	2.83	84	173670	47.604	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	166475	48.263	ug/l	95
22) Diisopropyl ether	3.82	45	531554	48.249	ug/l	98
23) Vinyl Acetate	3.78	43	2438662	252.890	ug/l	99
24) 1,1-Dichloroethane	3.67	63	302744	48.687	ug/l	100
25) 2-Butanone	4.64	43	3696968	1237.323	ug/l	98
26) 2,2-Dichloropropane	4.56	77	264672	52.017	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	194989	48.865	ug/l	99
28) Bromochloromethane	4.98	49	136959	47.398	ug/l	98
29) Tetrahydrofuran	5.09	42	559944	290.080	ug/l	99
30) Chloroform	5.18	83	296824	47.375	ug/l	98
31) Cyclohexane	5.55	56	263067	47.026	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	264567	46.642	ug/l	100
36) 1,1-Dichloropropene	5.77	75	228814	46.479	ug/l	99
37) Ethyl Acetate	4.79	43	298255	50.463	ug/l	99
38) Carbon Tetrachloride	5.75	117	234053	45.241	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	261727	48.947	ug/l	100
40) Benzene	6.11	78	691342	47.158	ug/l	99
41) Methacrylonitrile	5.00	41	159462	49.118	ug/l	99
42) 1,2-Dichloroethane	6.17	62	236931	45.445	ug/l	98
43) Isopropyl Acetate	6.41	43	454173	49.264	ug/l	99
44) Trichloroethene	7.19	130	201605	43.343	ug/l	100
45) 1,2-Dichloropropane	7.49	63	178942	47.946	ug/l	99
46) Dibromomethane	7.64	93	118832	47.404	ug/l	99
47) Bromodichloromethane	7.88	83	243925	46.995	ug/l	99
48) Methyl methacrylate	7.74	41	216729	49.099	ug/l	98
49) 1,4-Dioxane	7.71	88	106153	1027.602	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1571384	273.741	ug/l	99
52) Toluene	8.76	92	440126	47.609	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	291627	49.411	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	302896	48.485	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	178095	48.452	ug/l	98
56) Ethyl methacrylate	9.16	69	300399	50.181	ug/l	98
57) 1,3-Dichloropropane	9.35	76	305695	48.453	ug/l	99
59) 2-Hexanone	9.48	43	1232879	276.179	ug/l	98
60) Dibromochloromethane	9.57	129	196298	47.456	ug/l	98
61) 1,2-Dibromoethane	9.65	107	189626	48.176	ug/l	100
64) Tetrachloroethene	9.32	164	211712	39.218	ug/l	99
65) Chlorobenzene	10.12	112	467398	47.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	178365	47.500	ug/l	100
67) Ethyl Benzene	10.24	91	827514	47.248	ug/l	100
68) m/p-Xylenes	10.34	106	631111	97.187	ug/l	98
69) o-Xylene	10.68	106	300175	47.731	ug/l	99
70) Stvrene	10.70	104	526824	48.736	ug/l	99
71) Bromoform	10.84	173	156089	49.184	ug/l #	99
73) Isopropylbenzene	11.00	105	799653	47.681	ug/l	100
74) N-amyl acetate	10.88	43	385804	50.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	243932	58.036	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	264758m	49.764	ug/l	
77) Bromobenzene	11.24	156	206640	46.978	ug/l	99
78) n-propylbenzene	11.34	91	924043	49.317	ug/l	99
79) 2-Chlorotoluene	11.40	91	547951	47.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	671610	47.961	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	110381	51.035	ug/l	97
82) 4-Chlorotoluene	11.49	91	637249	47.184	ug/l	100
83) tert-Butylbenzene	11.76	119	610416	51.016	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	682506	48.193	ug/l	99
85) sec-Butylbenzene	11.93	105	753203	50.180	ug/l	100
86) p-Isopropyltoluene	12.05	119	706199	50.226	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	362063	47.511	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	367544	47.158	ug/l	99
89) n-Butylbenzene	12.37	91	607486	51.871	ug/l	99
90) Hexachloroethane	12.58	117	122932	50.618	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	354206	47.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	72470	53.231	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	249796	50.943	ug/l	100

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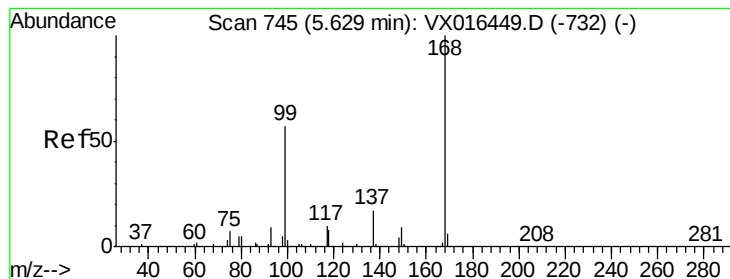
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	101602	52.774	ug/l	98
95) Naphthalene	13.82	128	858494	51.071	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	247274	51.474	ug/l	97

(#) = 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: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion:168 Resp: 324085

Ion Ratio Lower Upper

168 100

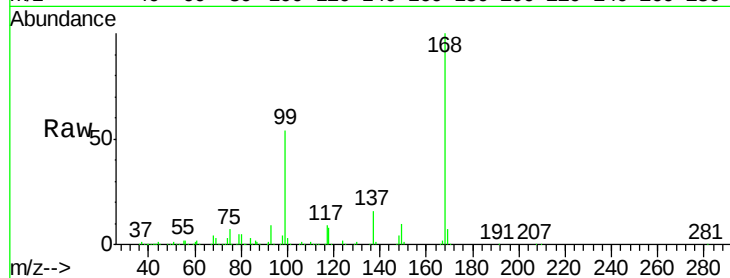
99 53.8 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

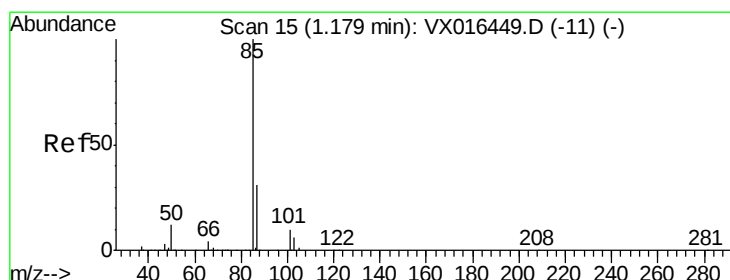
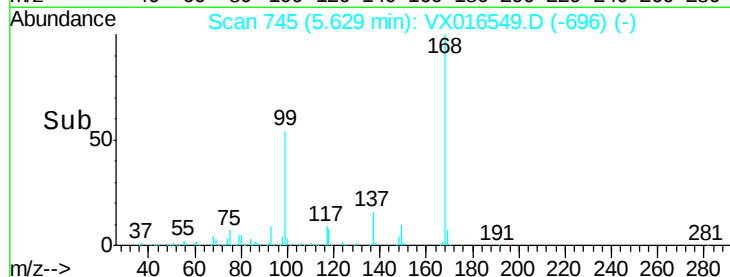
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.554 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016549.D

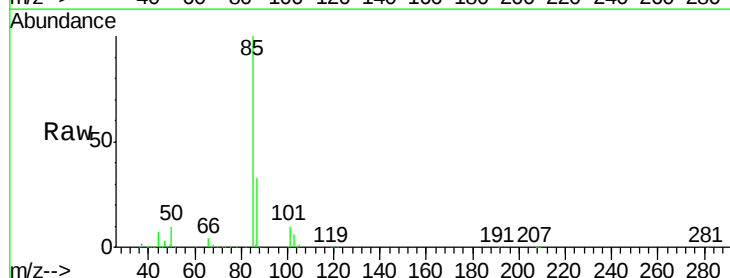
Acq: 02 Jun 2020 12:18

Tgt Ion: 85 Resp: 148477

Ion Ratio Lower Upper

85 100

87 33.4 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

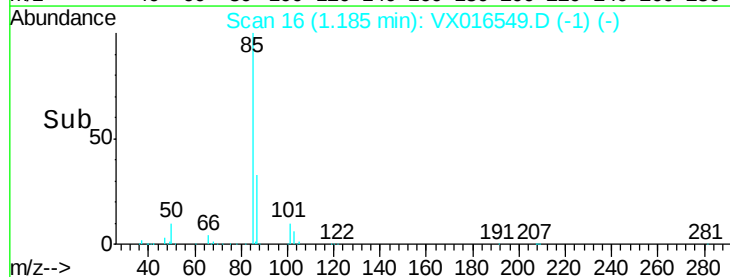
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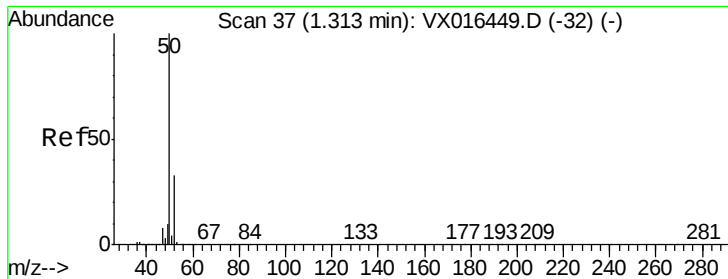
100000

50000

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Time-->





#3

Chloromethane

Concen: 45.106 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 50 Resp: 173847

Ion Ratio Lower Upper

50 100

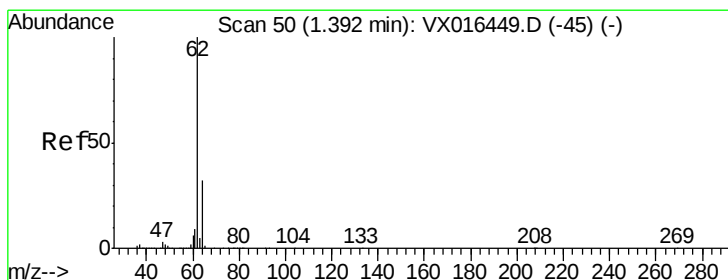
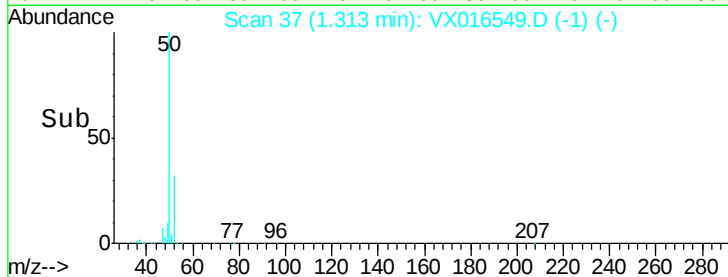
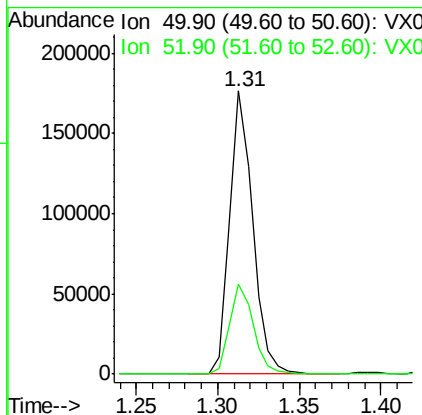
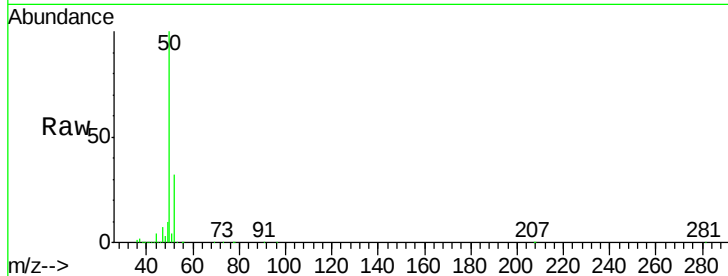
52 31.7 26.2 39.2

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#4

Vinyl Chloride

Concen: 48.420 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016549.D

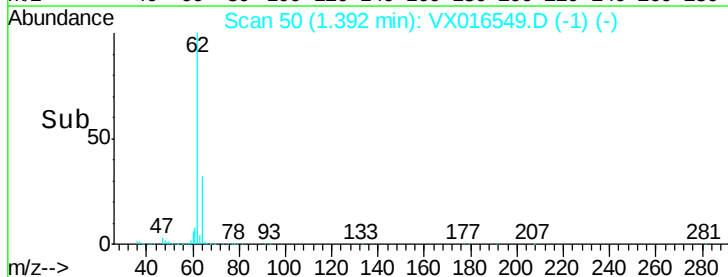
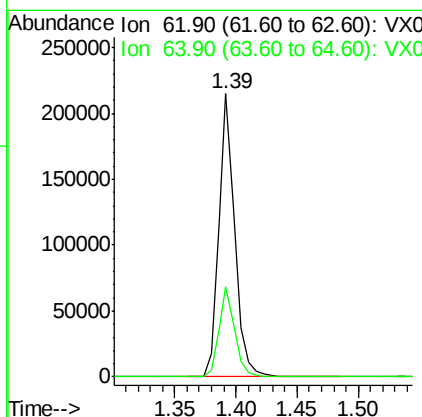
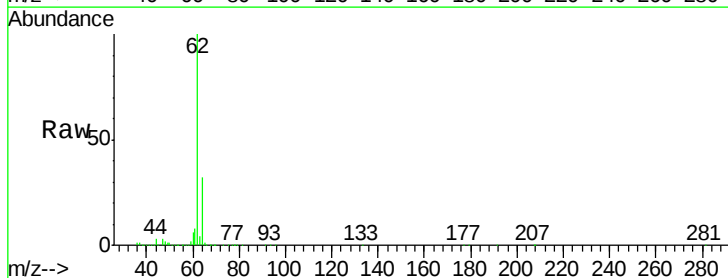
Acq: 02 Jun 2020 12:18

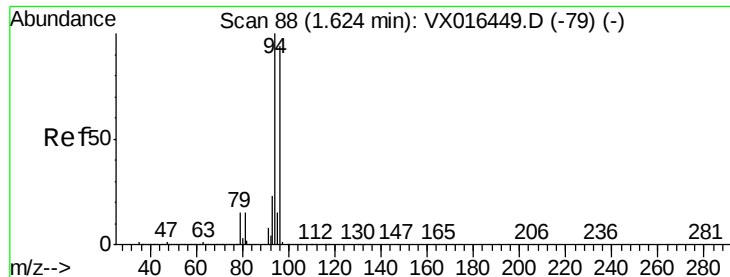
Tgt Ion: 62 Resp: 197358

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 41.425 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 94 Resp: 82096

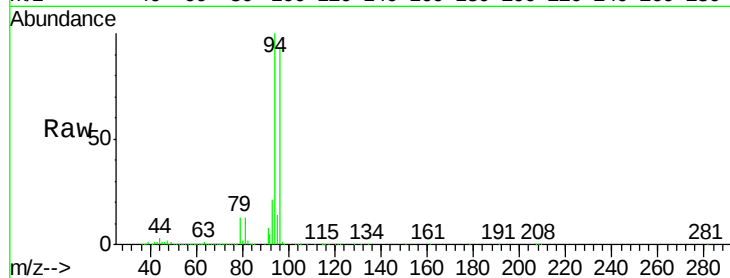
Ion Ratio Lower Upper

94 100

96 92.9 75.1 112.7

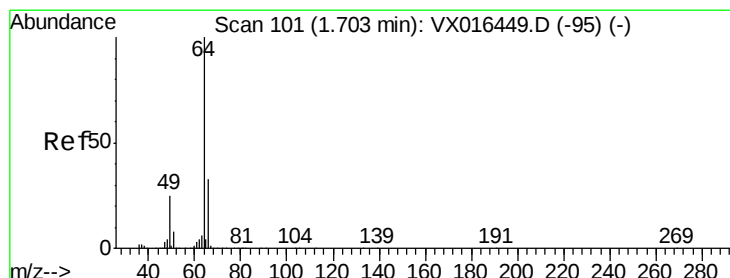
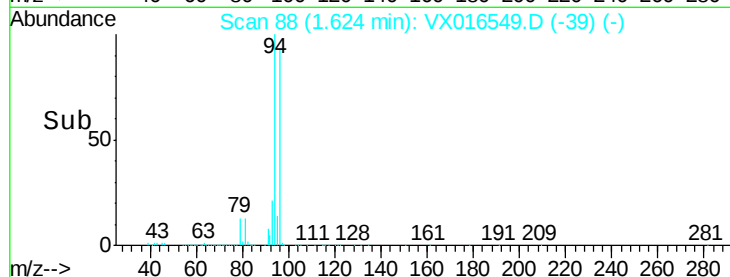
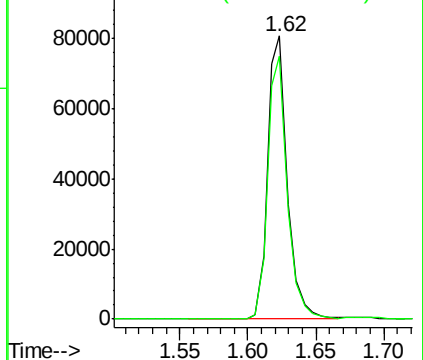
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.888 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016549.D

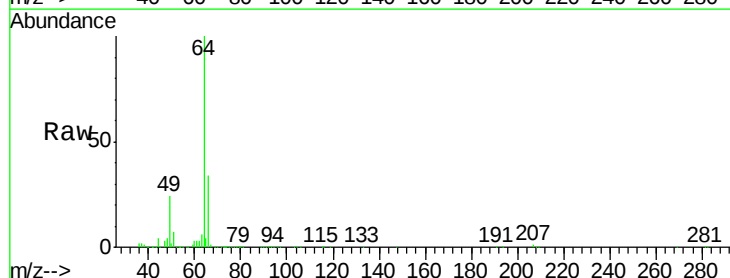
Acq: 02 Jun 2020 12:18

Tgt Ion: 64 Resp: 118615

Ion Ratio Lower Upper

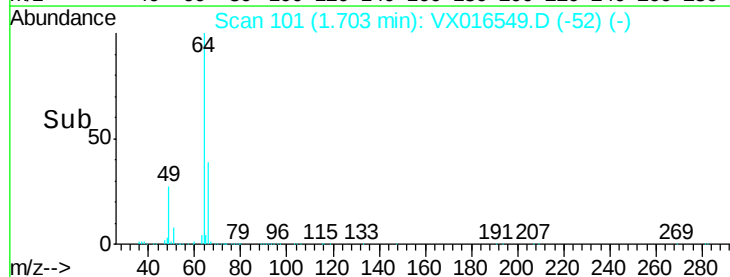
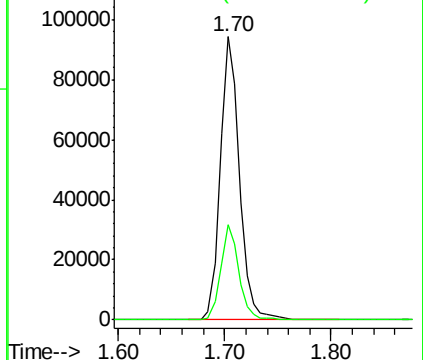
64 100

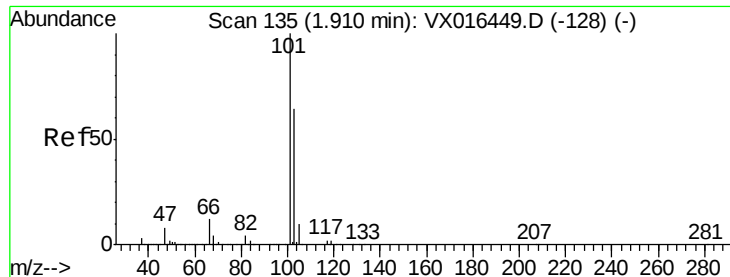
66 33.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

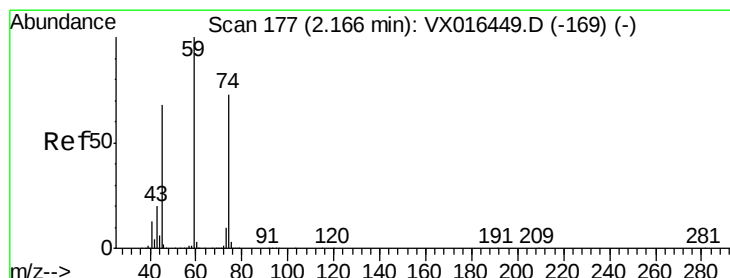
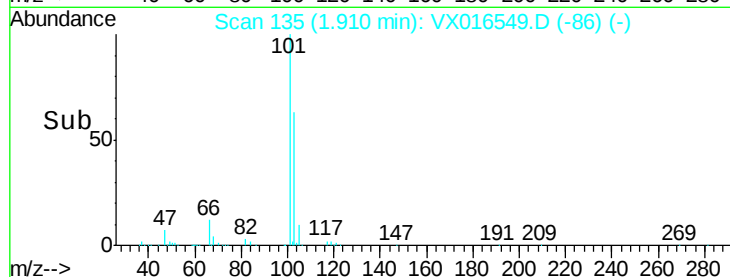
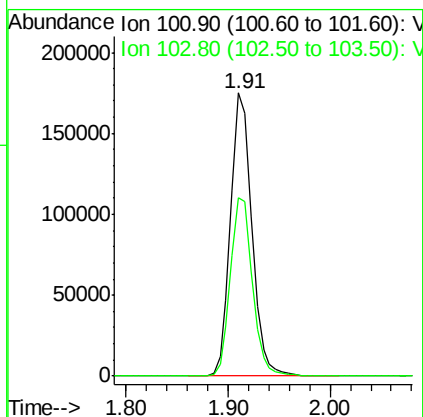
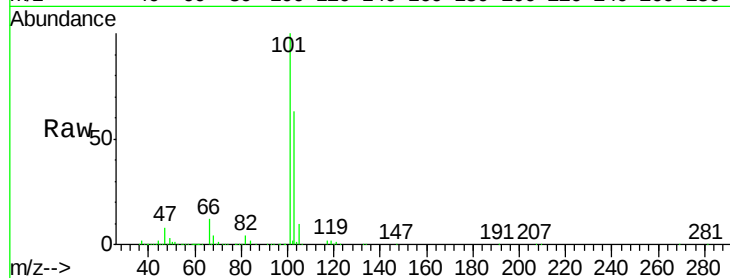
Trichlorofluoromethane
Concen: 47.142 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.9	76.3

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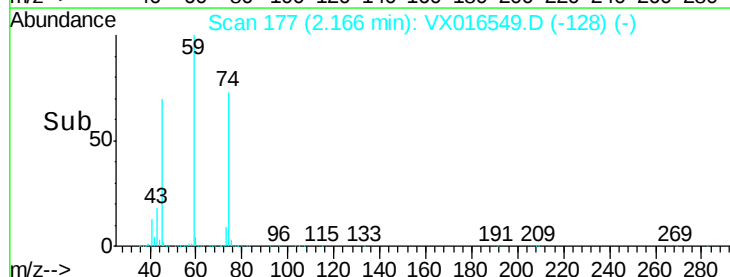
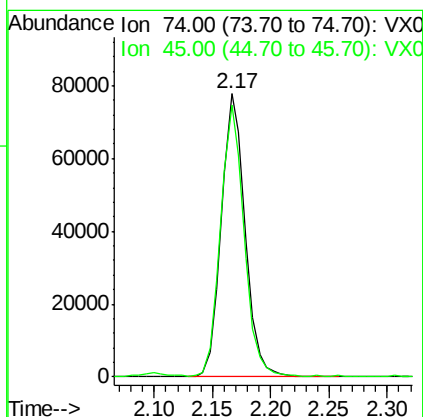
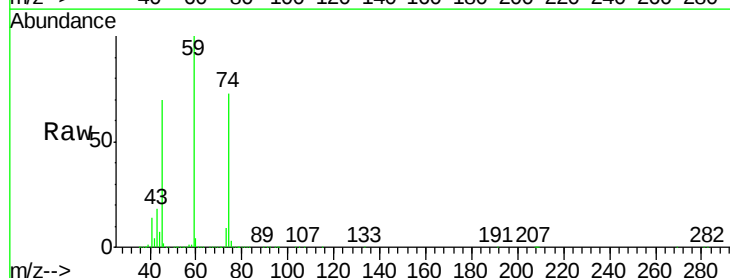
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#8

Diethyl Ether
Concen: 48.931 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.964 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

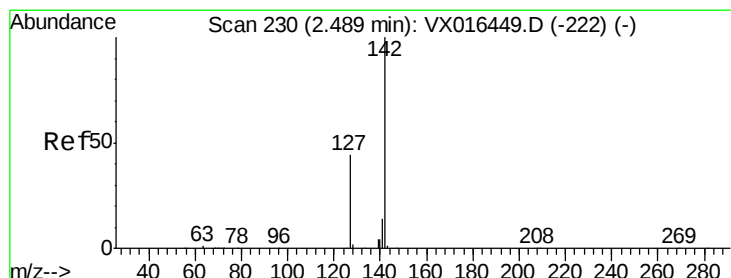
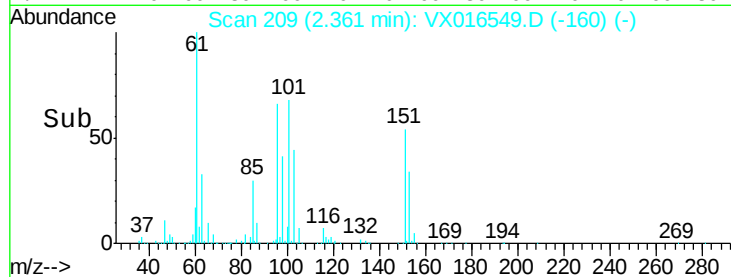
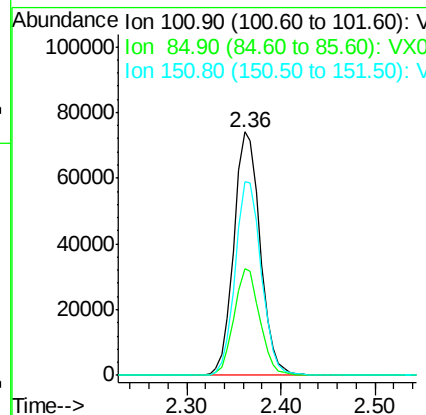
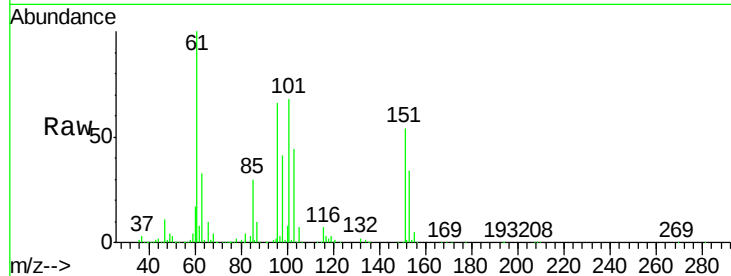
ClientSampleId :

SS050MW641-200528MS

Tot Ion:	101	Resp:	144251
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	79.3	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 41.978 ug/l

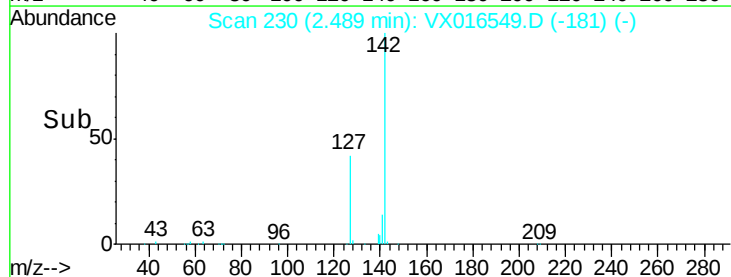
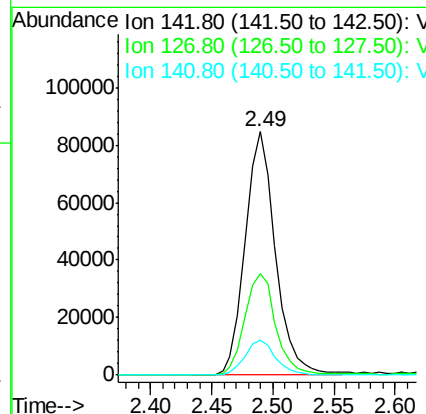
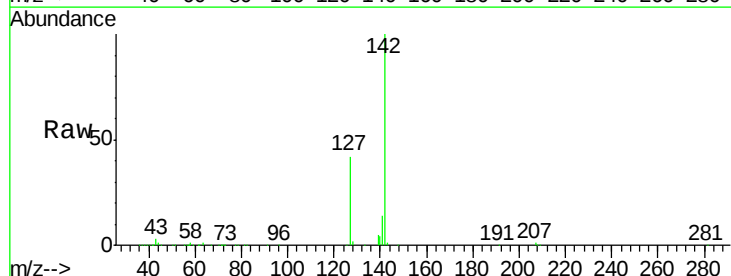
RT: 2.49 min Scan# 230

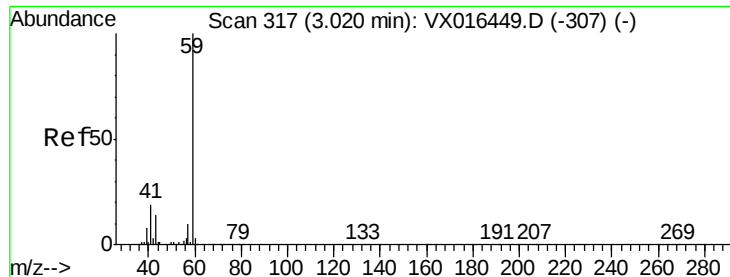
Delta R.T. 0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion:	142	Resp:	145912
Ion Ratio	Lower	Upper	
142	100		
127	43.1	35.3	52.9
141	14.8	11.4	17.2





#11

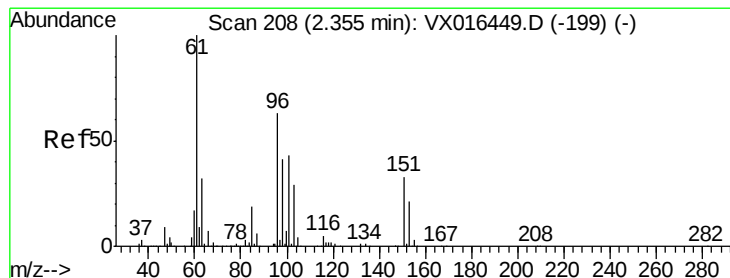
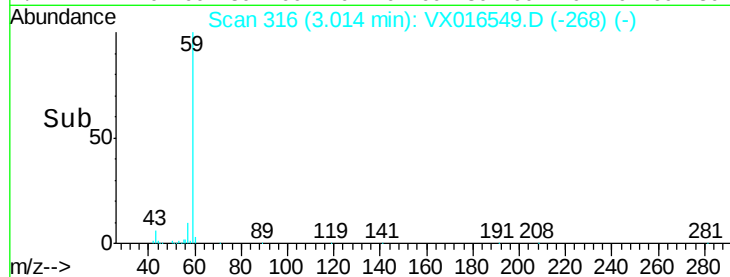
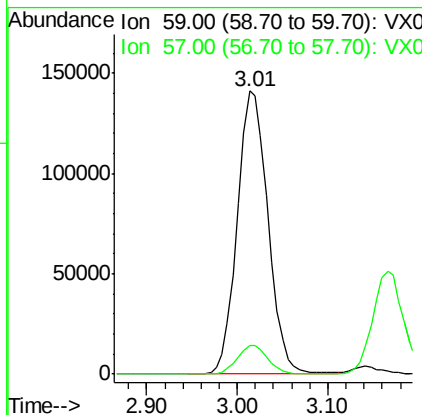
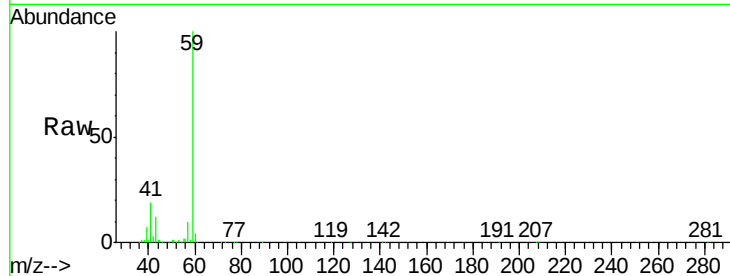
Tert butyl alcohol
Concen: 321.269 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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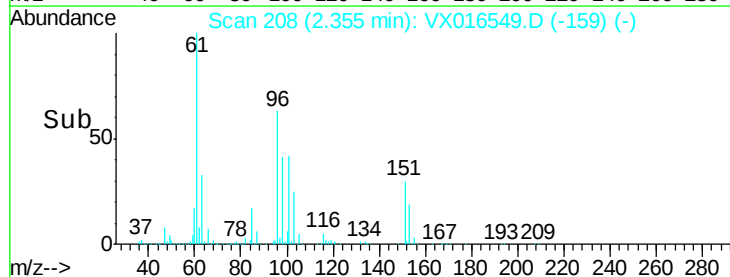
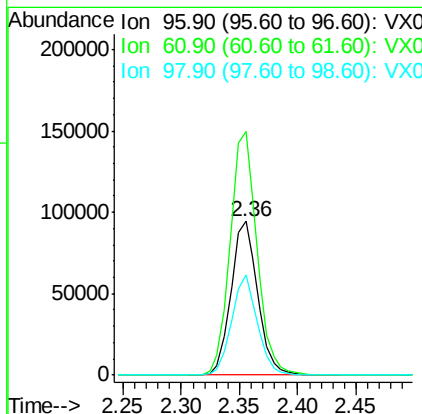
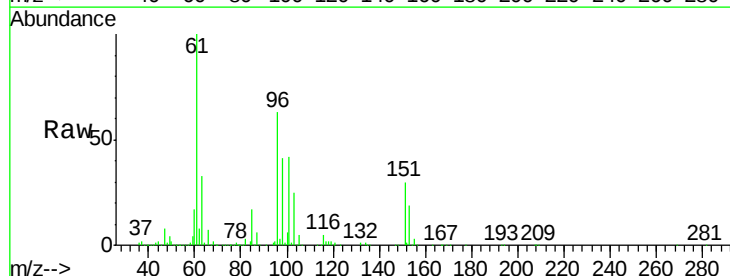
MMDadoda
6/3/2020 9:51:40 AM

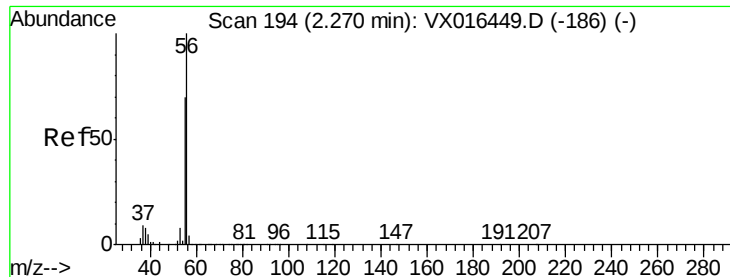


#12

1,1-Dichloroethene
Concen: 48.157 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.6	126.6	189.8
98	65.7	51.3	76.9





#13

Acrolein

Concen: 319.156 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 56 Resp: 140118

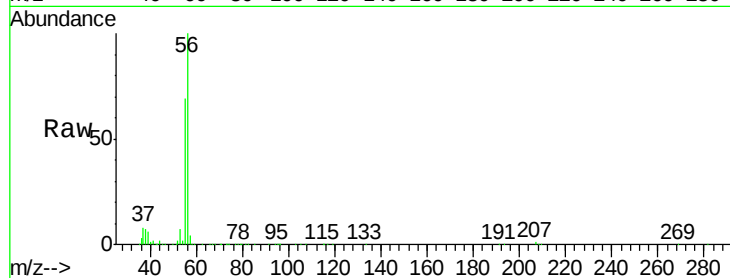
Ion Ratio Lower Upper

56 100

55 70.0 58.3 87.5

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

100000

80000

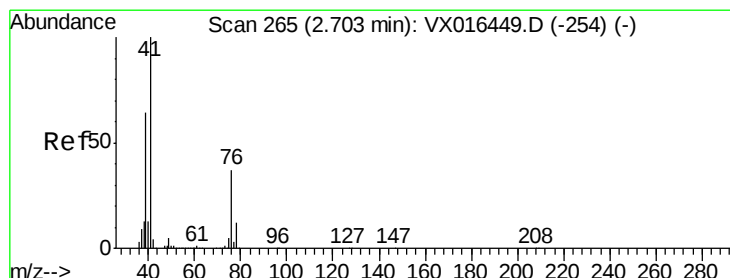
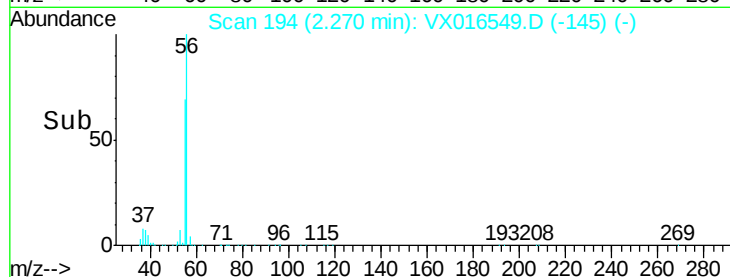
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 51.454 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

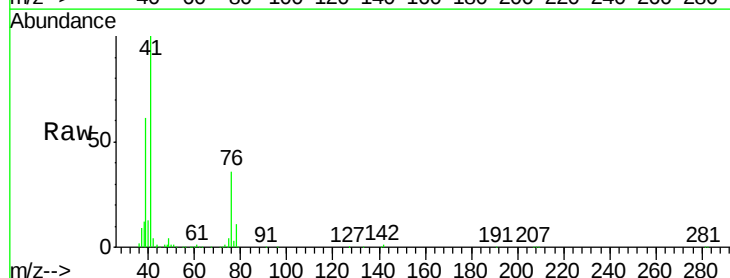
Tgt Ion: 41 Resp: 295084

Ion Ratio Lower Upper

41 100

39 56.4 47.7 71.5

76 32.2 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

200000

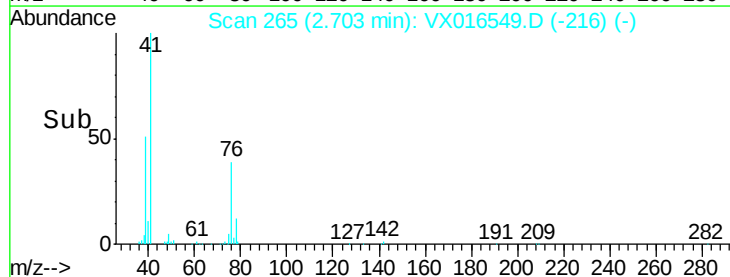
150000

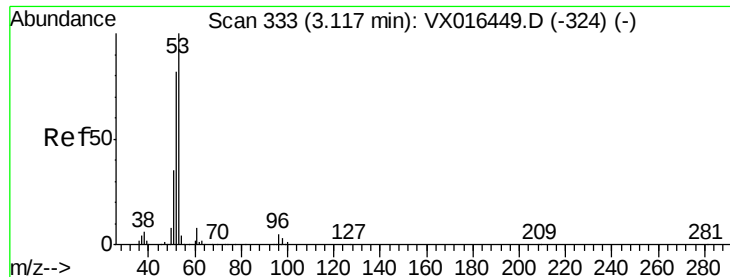
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 278.974 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

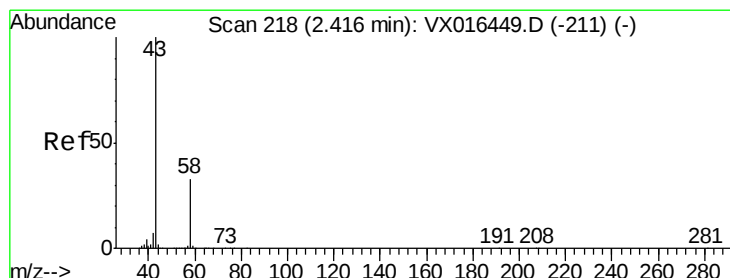
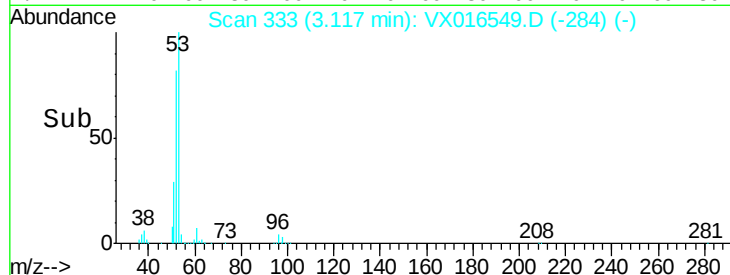
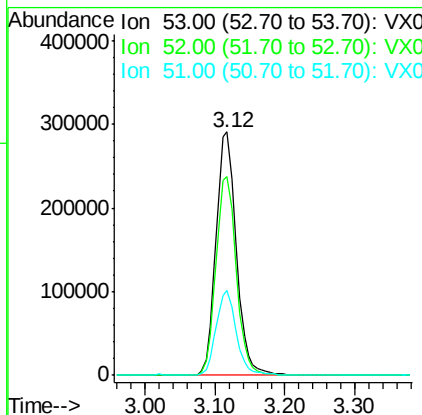
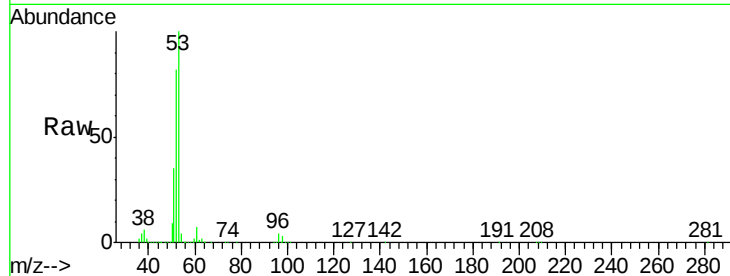
ClientSampleId :

SS050MW641-200528MS

Tot Ion:	53	Resp:	589783
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	34.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 1160.503 ug/l

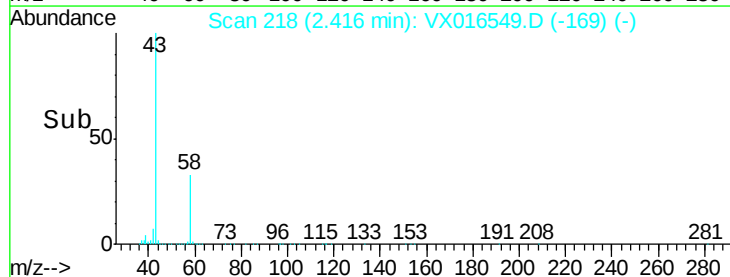
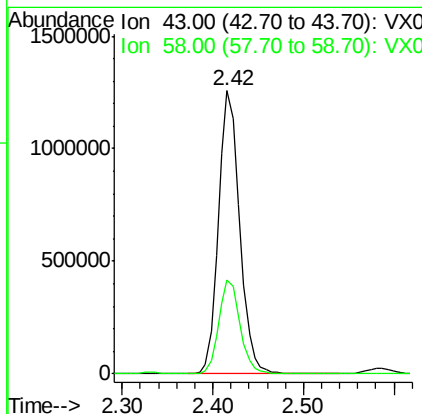
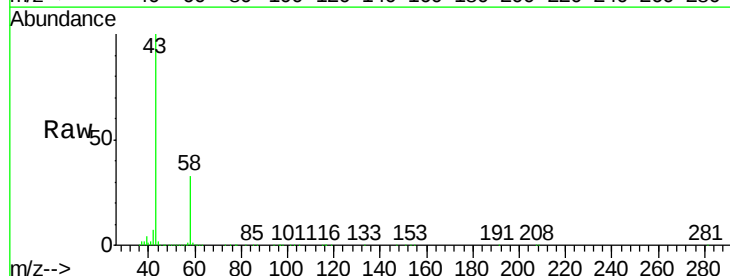
RT: 2.42 min Scan# 218

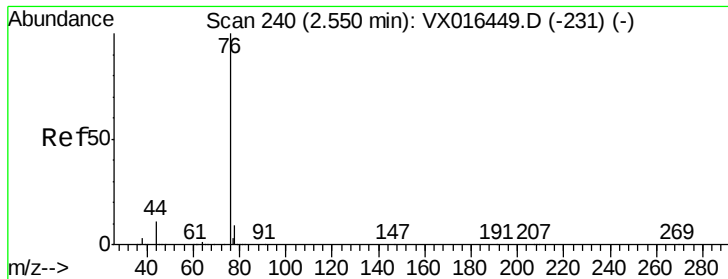
Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion:	43	Resp:	2046338
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.1	39.1





#17

Carbon Disulfide

Concen: 47.154 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 76 Resp: 436665

Ion Ratio Lower Upper

76 100

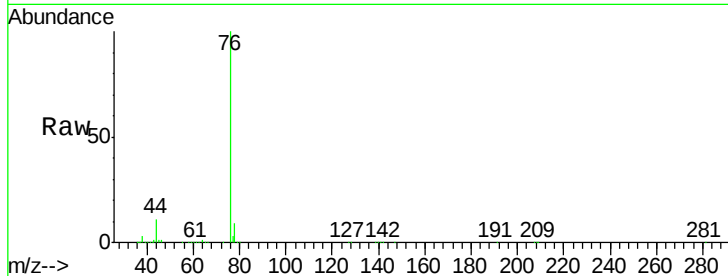
78 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

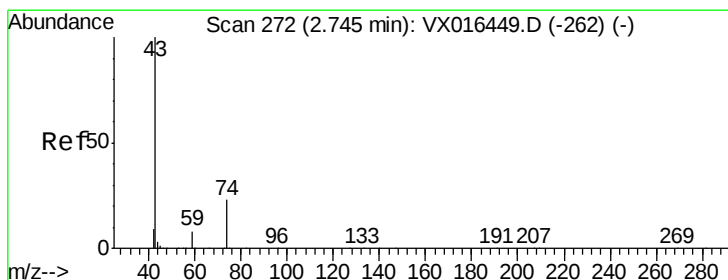
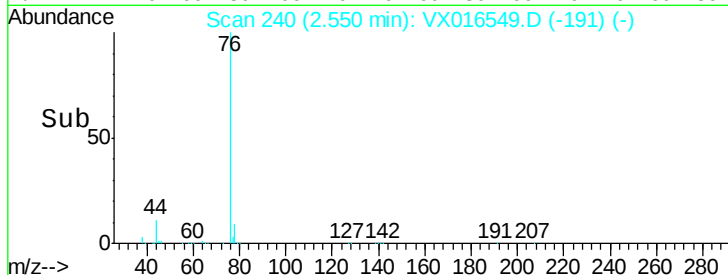
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 64.760 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016549.D

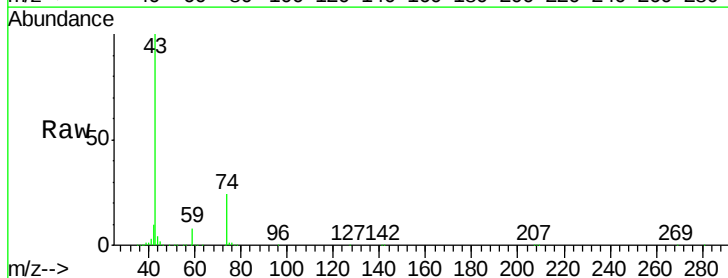
Acq: 02 Jun 2020 12:18

Tgt Ion: 43 Resp: 292883

Ion Ratio Lower Upper

43 100

74 25.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

200000

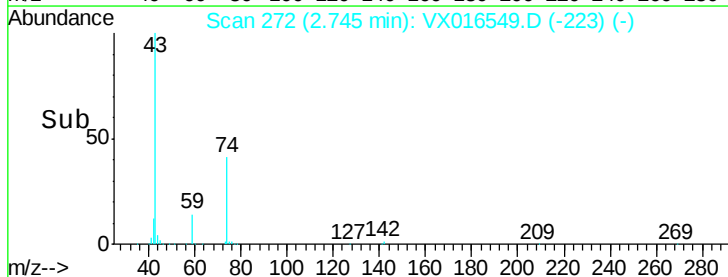
150000

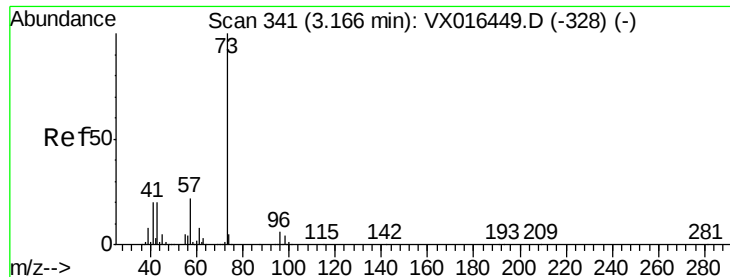
100000

50000

0

Time-->





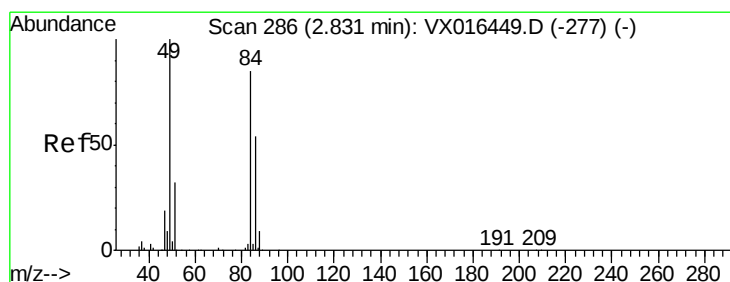
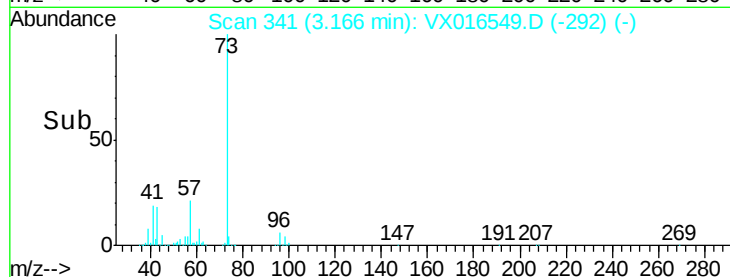
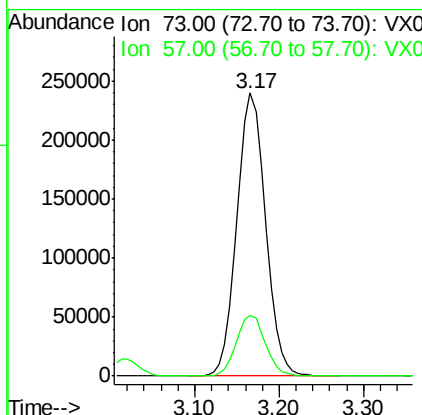
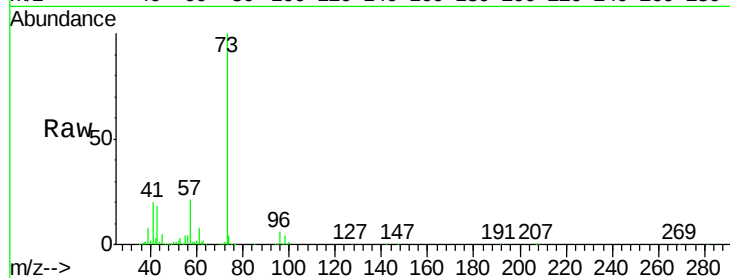
#19
Methyl tert-butyl Ether
Concen: 49.040 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.8	26.6

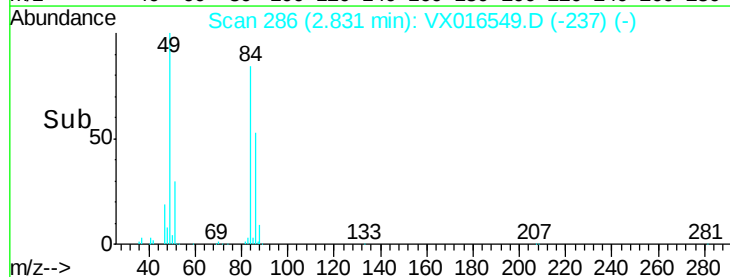
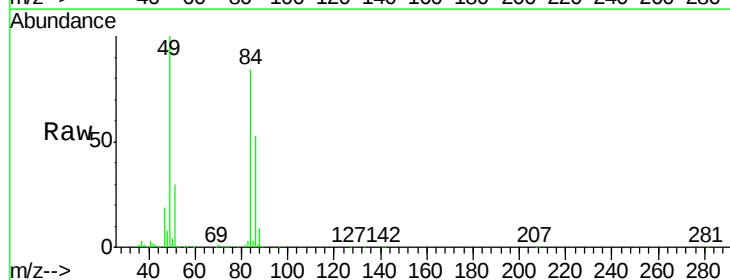
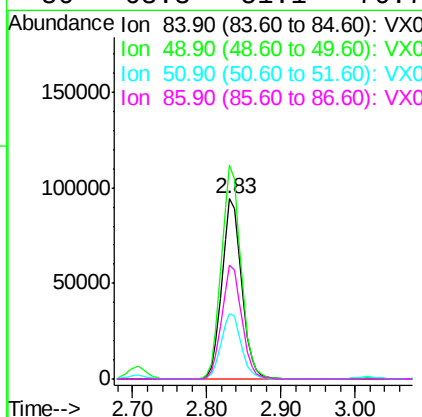
Manual Integrations
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6/3/2020 9:51:40 AM



#20
Methylene Chloride
Concen: 47.604 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	94.5	141.7
51	36.1	30.2	45.4
86	63.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.263 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

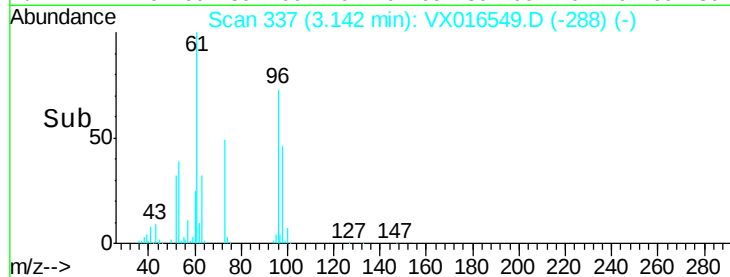
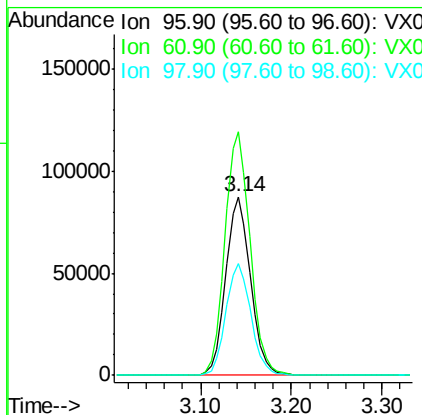
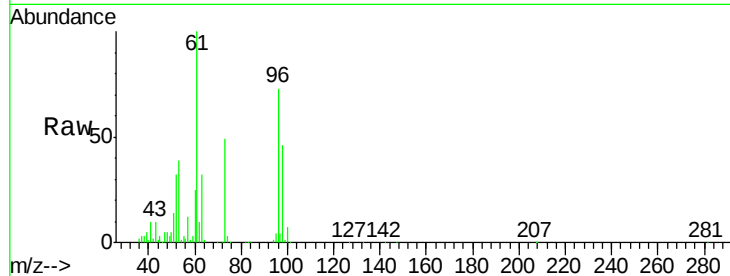
ClientSampleId :

SS050MW641-200528MS

Tot Ion:	96	Resp:	166475
Ion	Ratio	Lower	Upper
96	100		
61	136.5	115.3	172.9
98	62.5	51.9	77.9

Manual Integrations
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MMDadoda
6/3/2020 9:51:40 AM



#22

Diisopropyl ether

Concen: 48.249 ug/l

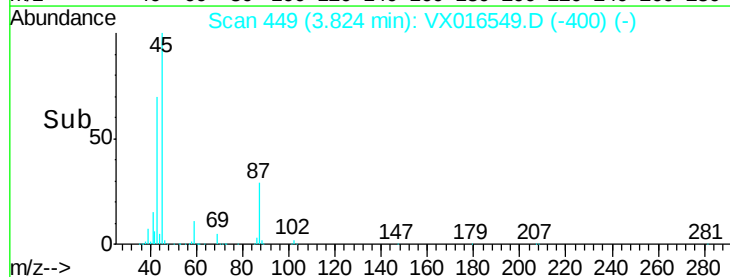
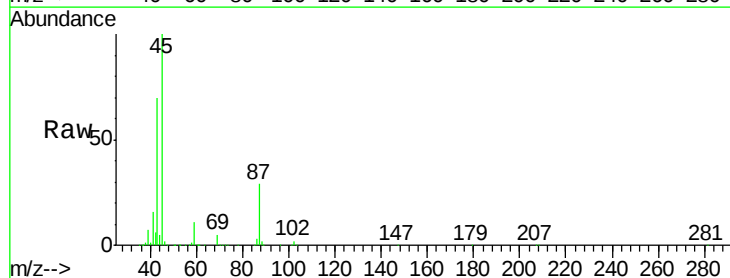
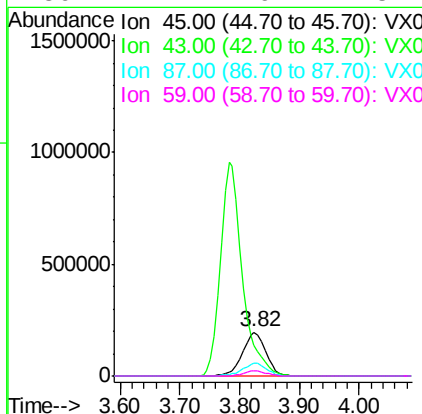
RT: 3.82 min Scan# 449

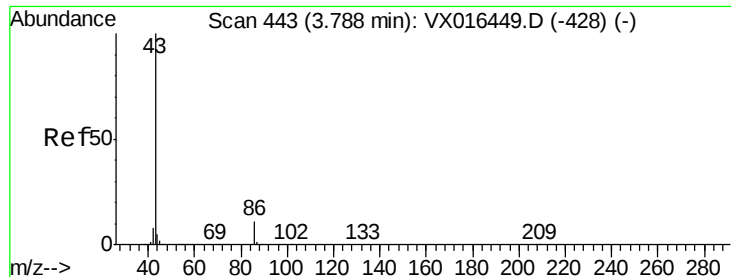
Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion:	45	Resp:	531554
Ion	Ratio	Lower	Upper
45	100		
43	69.6	57.0	85.6
87	29.3	22.5	33.7
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 252.890 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 43 Resp: 2438662

Ion Ratio Lower Upper

43 100

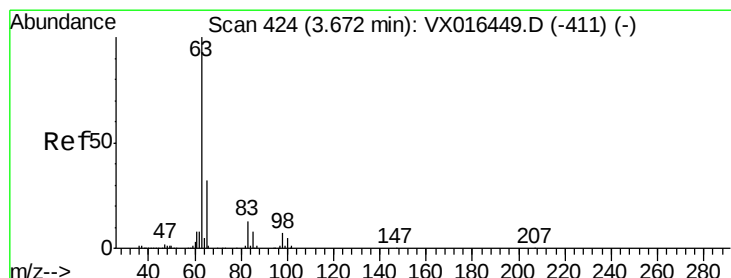
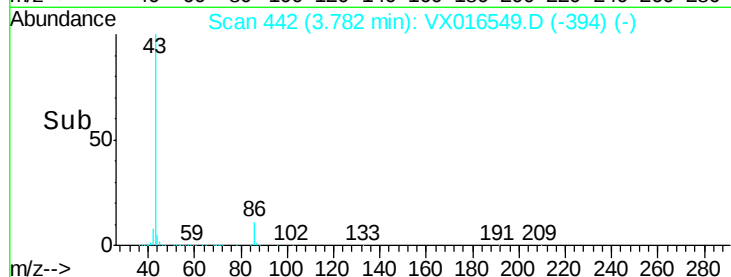
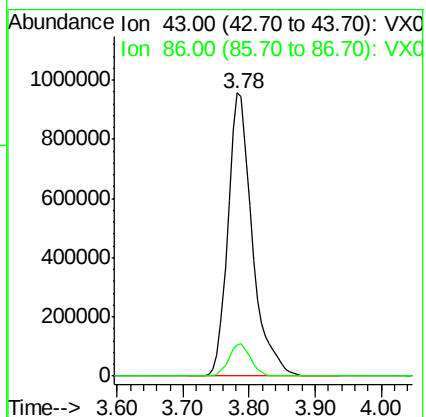
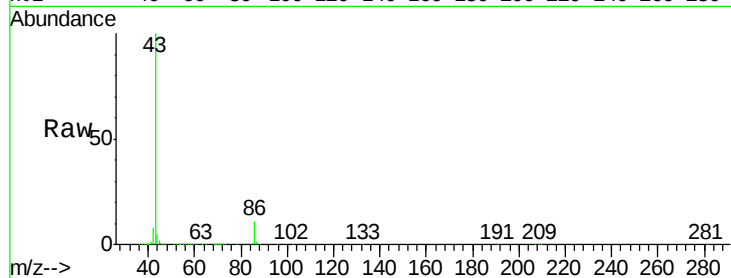
86 11.2 8.6 13.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 48.687 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

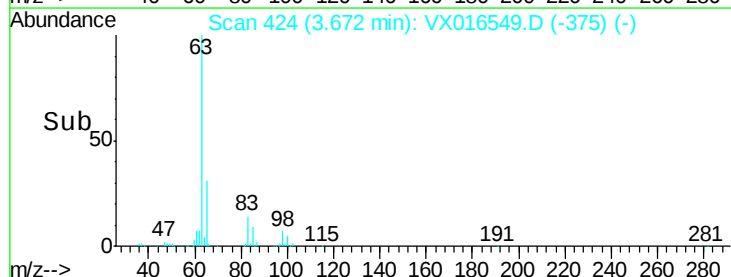
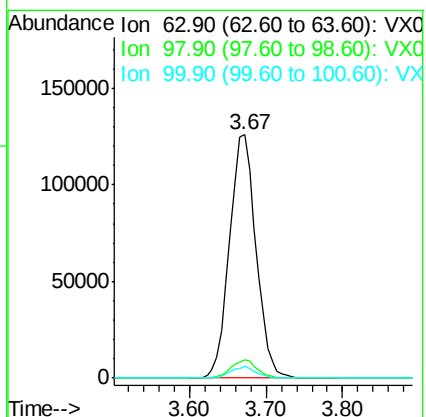
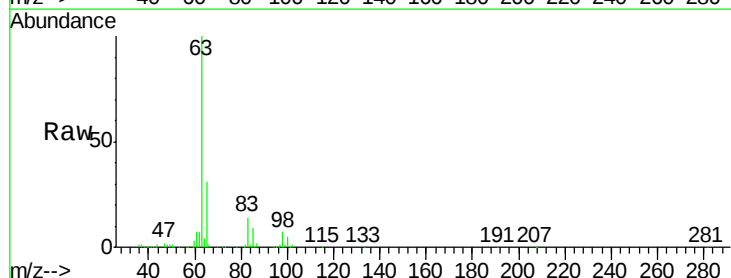
Tgt Ion: 63 Resp: 302744

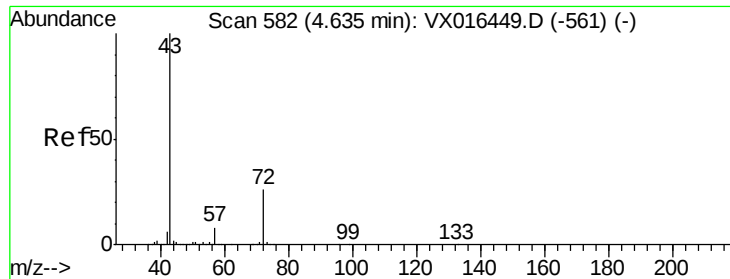
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 1237.323 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 43 Resp: 3696968

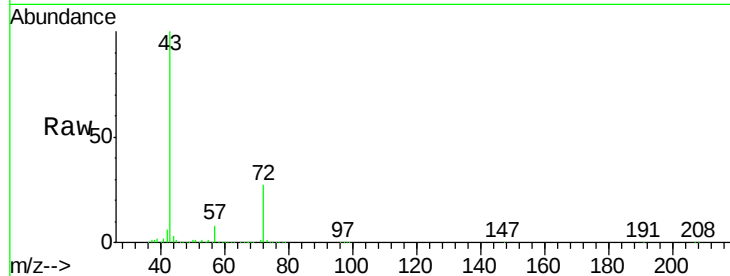
Ion Ratio Lower Upper

43 100

72 27.4 21.0 31.6

Manual Integrations
APPROVED

MMDadoda
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

1500000

1000000

500000

0

4.64

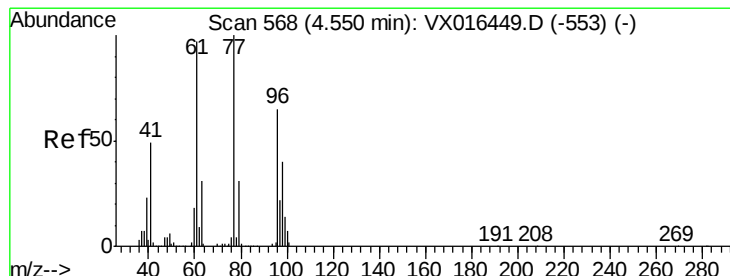
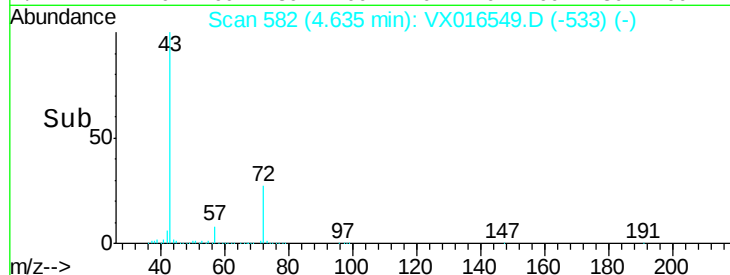
4.50

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.017 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016549.D

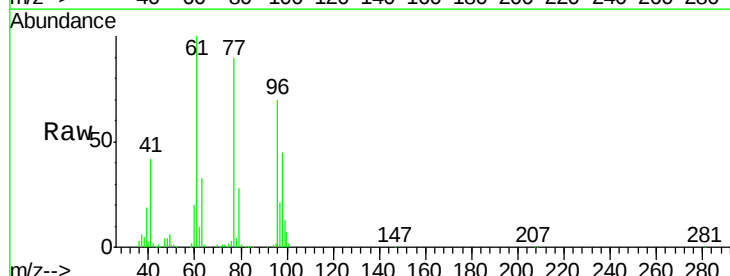
Acq: 02 Jun 2020 12:18

Tgt Ion: 77 Resp: 264672

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

40000

20000

0

4.56

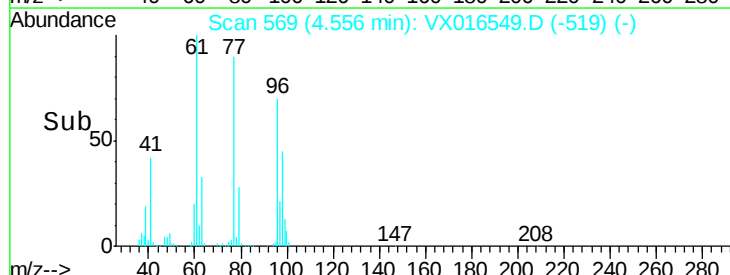
4.40

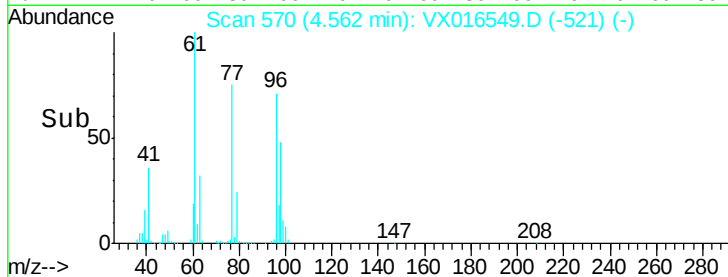
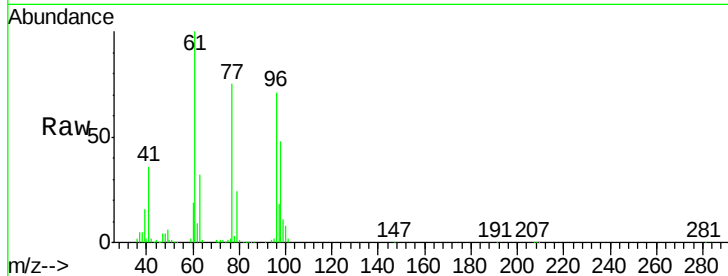
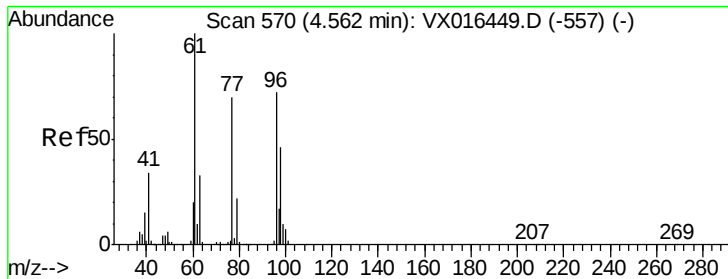
4.50

4.60

4.70

Time-->





#27

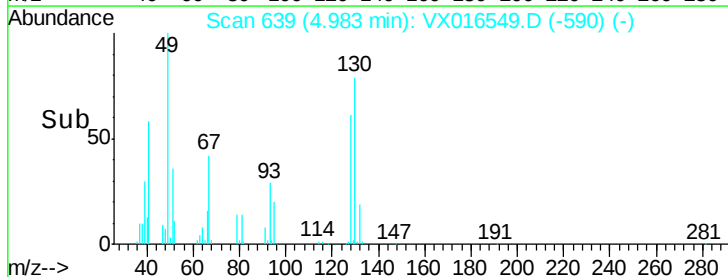
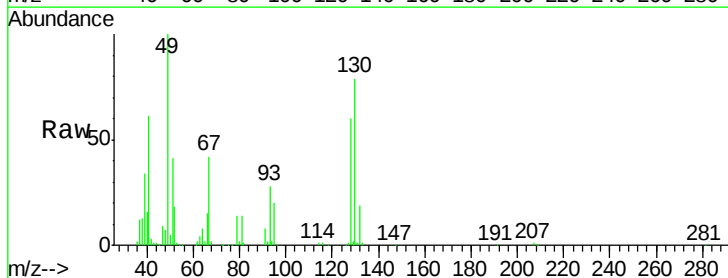
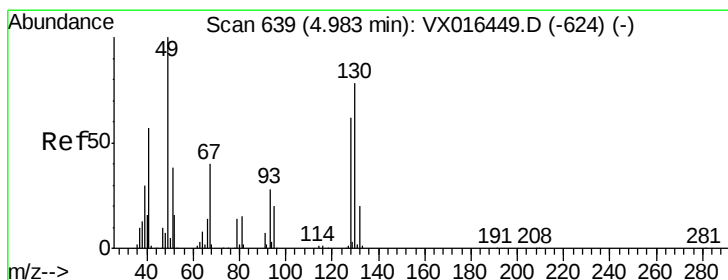
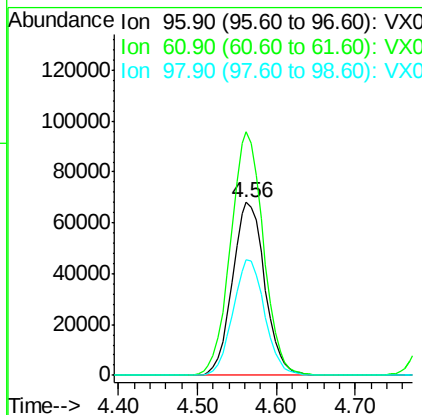
cis-1,2-Dichloroethene
Concen: 48.865 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tot Ion	Ratio	Resp	Lower	Upper
96	100	194989		
61	142.0	0.0	284.6	
98	65.4	0.0	127.2	

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Manual Integrations
APPROVED

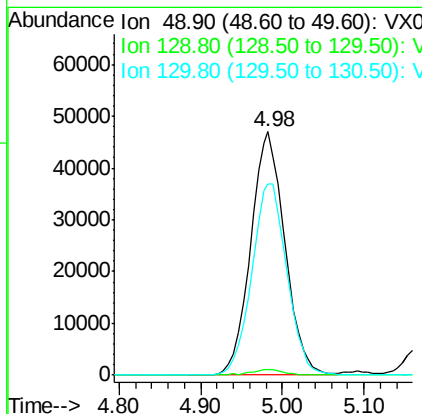
MMDadoda
6/3/2020 9:51:40 AM

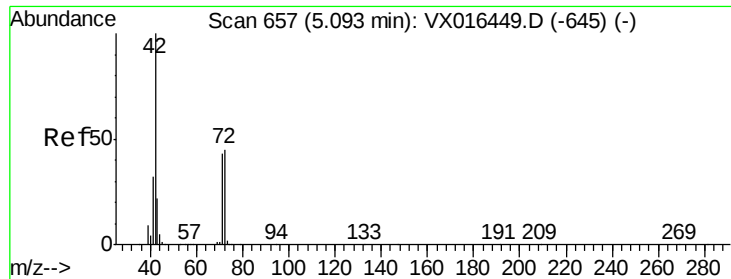


#28

Bromochloromethane
Concen: 47.398 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136959		
129	2.2	0.0	4.0	
130	80.9	63.0	94.4	





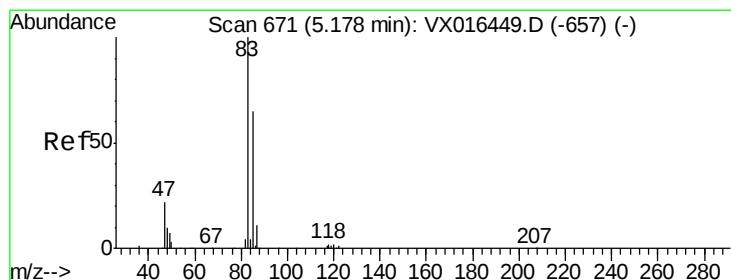
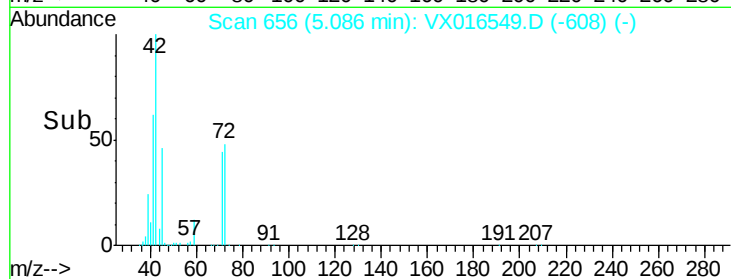
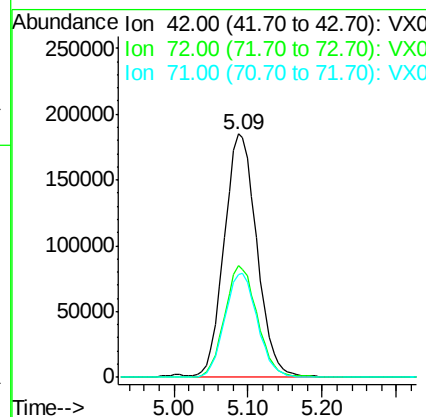
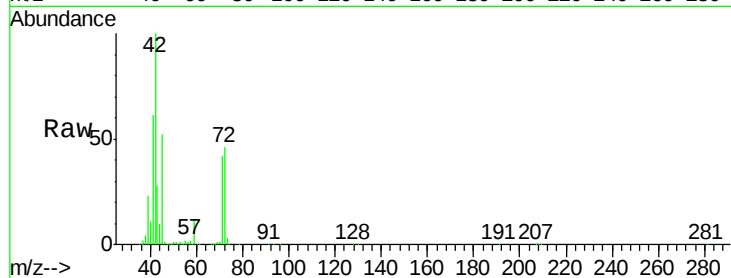
#29
Tetrahydrofuran
Concen: 290.080 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	46.4	37.0	55.4
71	43.1	34.1	51.1

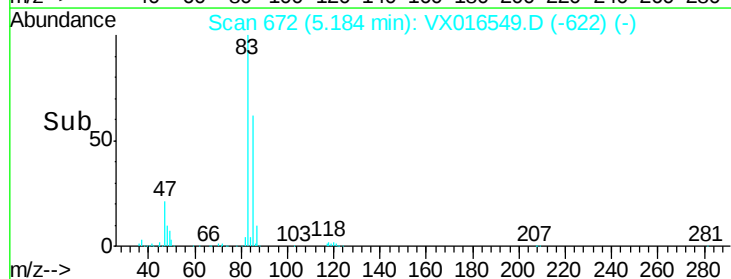
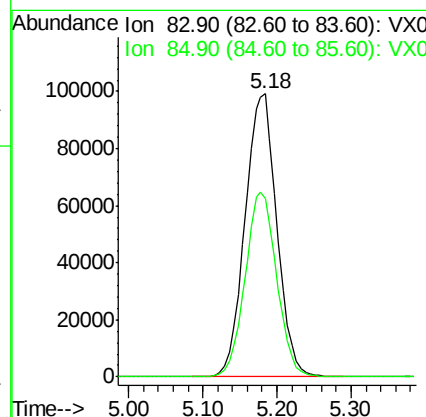
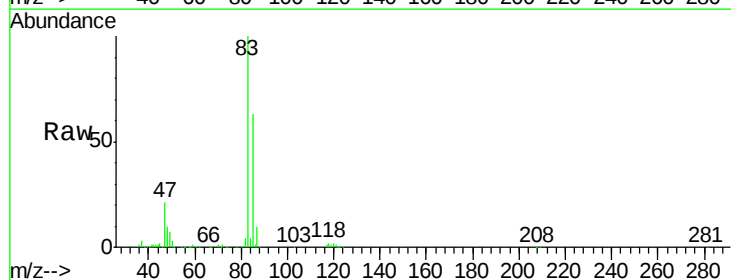
Manual Integrations
APPROVED

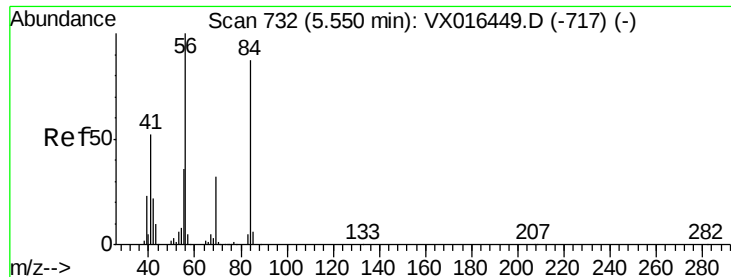
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6/3/2020 9:51:40 AM



#30
Chloroform
Concen: 47.375 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	63.2	52.0	78.0





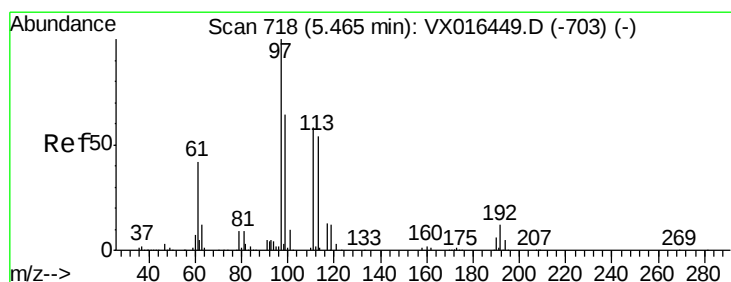
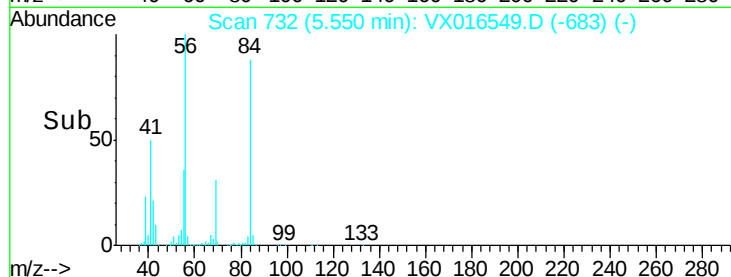
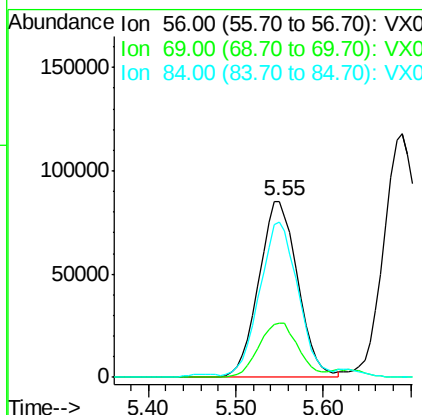
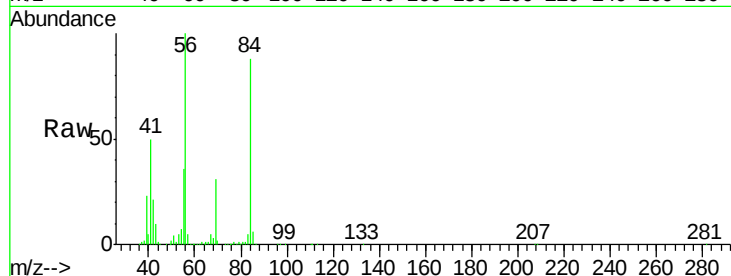
#31
Cyclohexane
Concen: 47.026 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.7	38.5
84	87.3	70.0	105.0

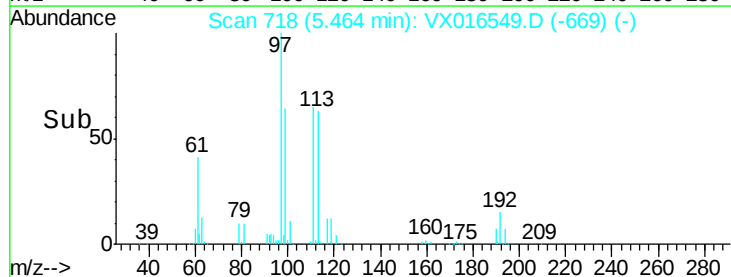
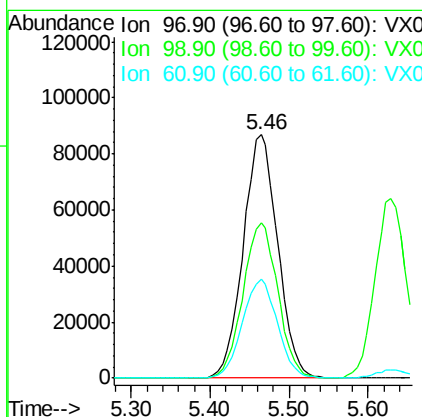
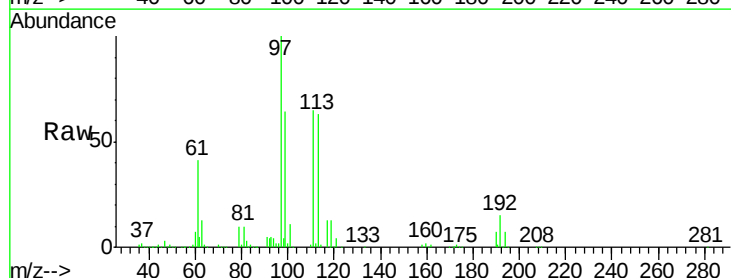
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6/3/2020 9:51:40 AM



#32
1,1,1-Trichloroethane
Concen: 46.642 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	41.3	33.5	50.3





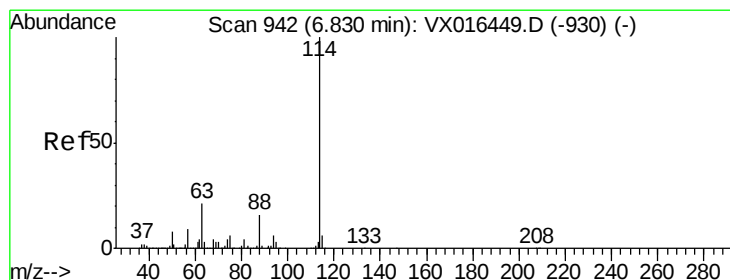
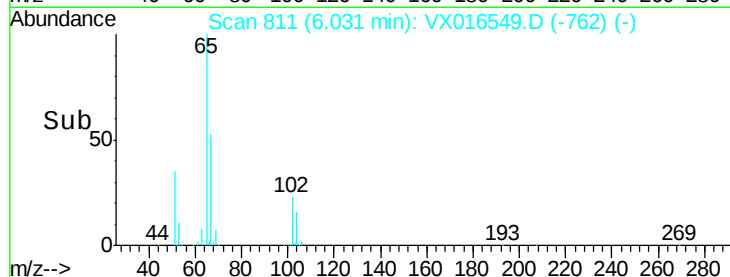
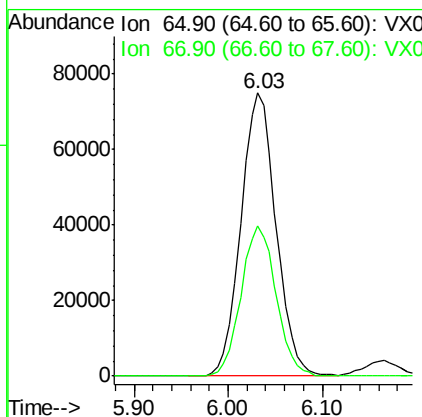
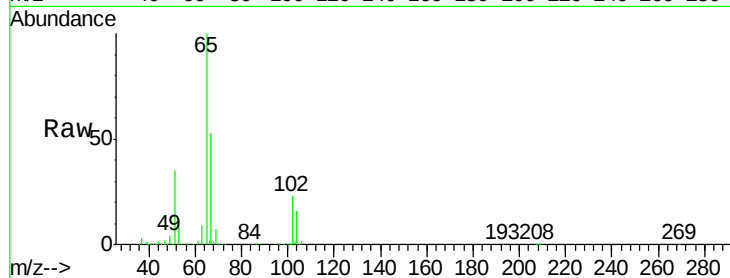
#33
 1,2-Dichloroethane-d4
 Concen: 48.556 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.8

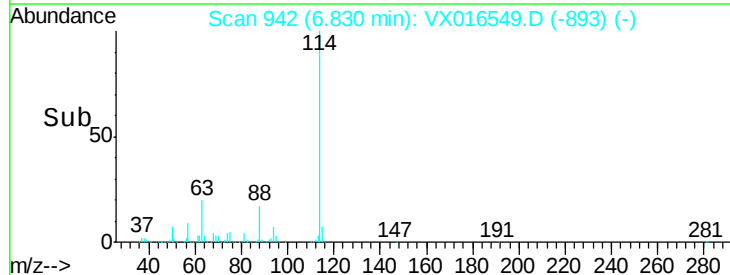
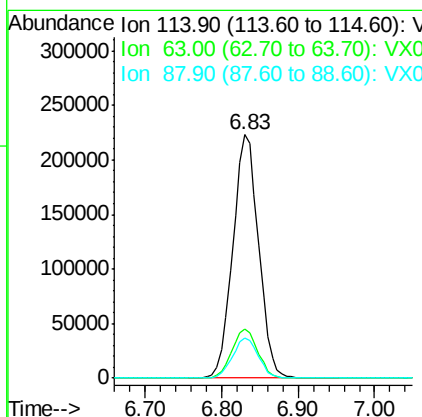
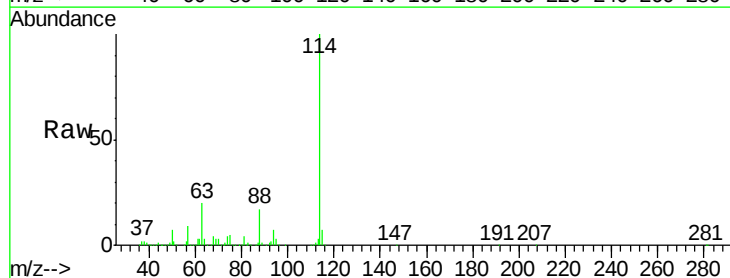
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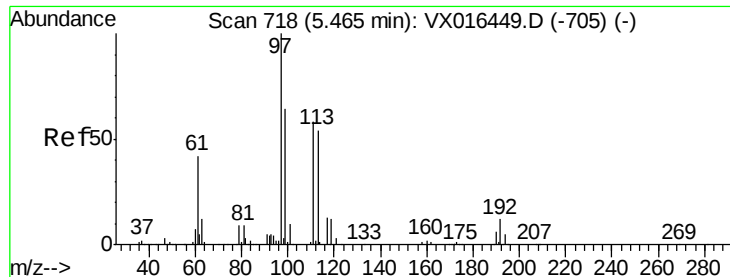
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 6/3/2020 9:51:40 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	16.6	0.0	32.8





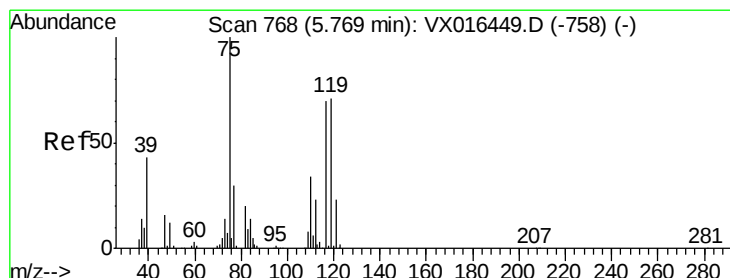
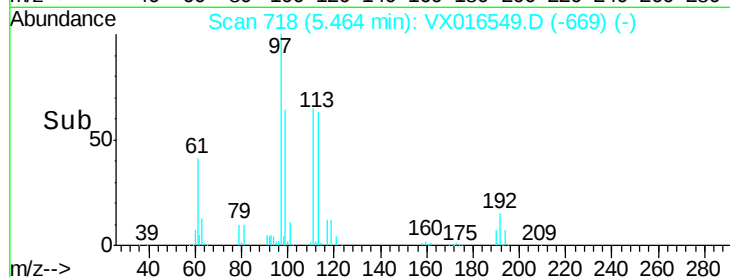
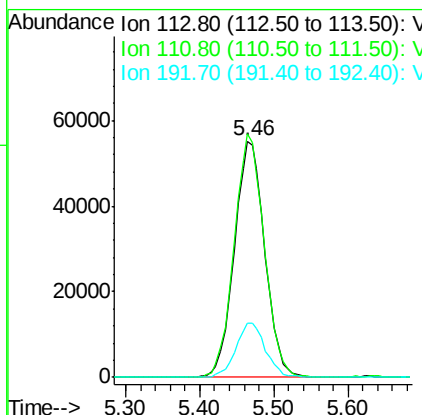
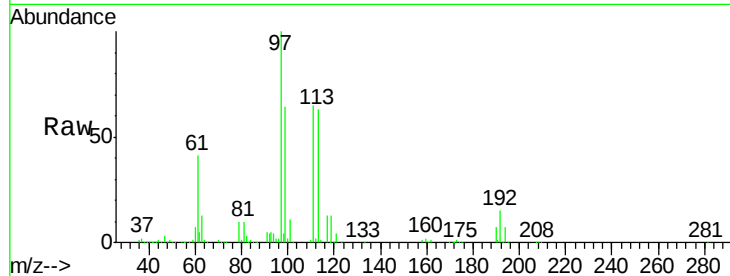
#35
Dibromofluoromethane
Concen: 49.201 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157519		
111	102.3	83.0	124.6	
192	22.6	17.7	26.5	

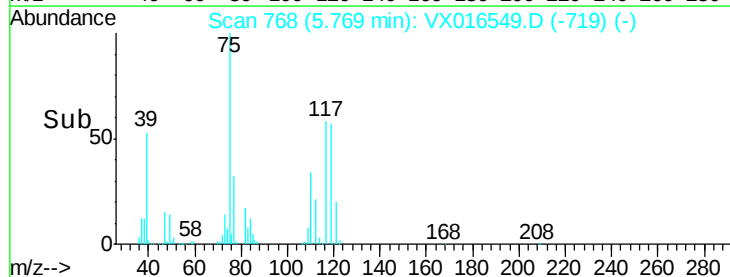
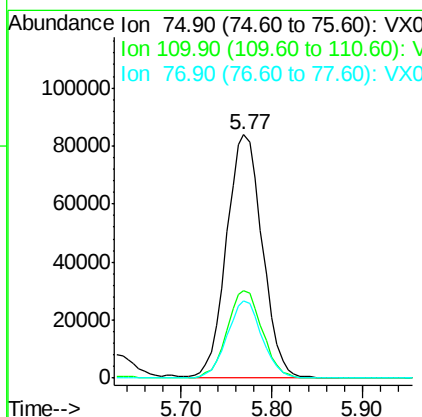
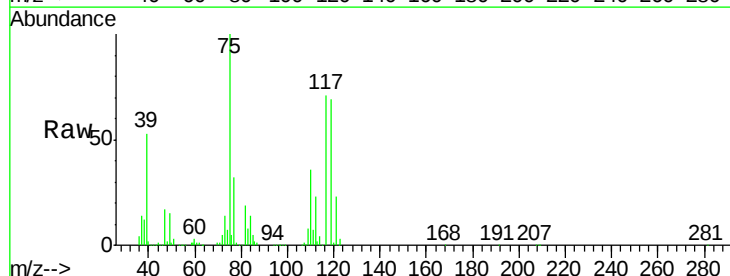
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6/3/2020 9:51:40 AM



#36
1,1-Dichloropropene
Concen: 46.479 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	228814		
110	35.6	17.4	52.3	
77	31.1	24.2	36.4	





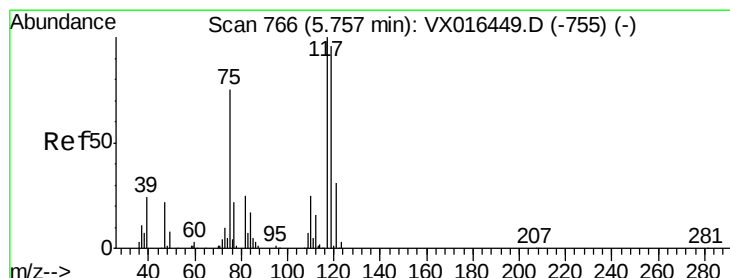
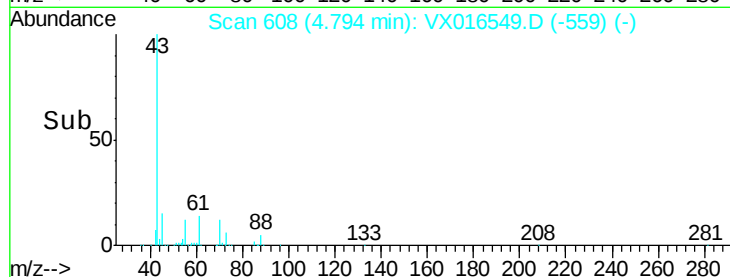
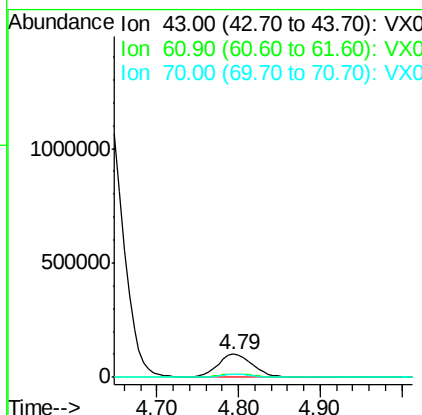
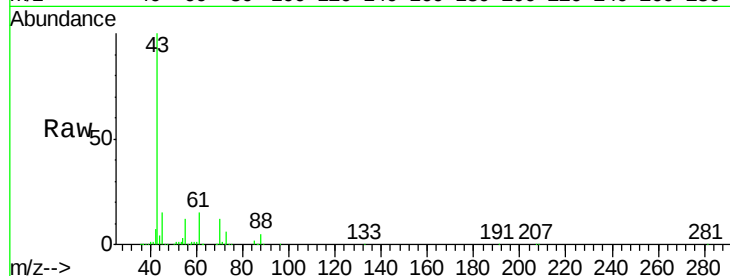
#37
Ethyl Acetate
Concen: 50.463 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	43	Resp	298255
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.3	16.9
70	12.0	9.3	13.9

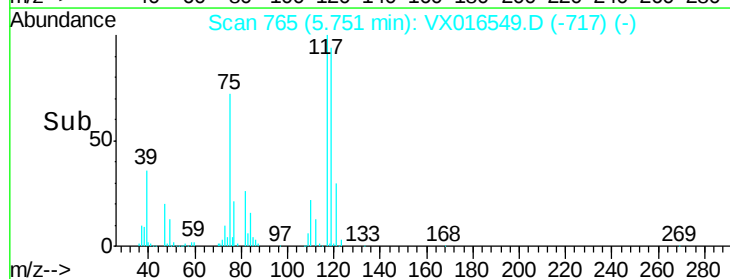
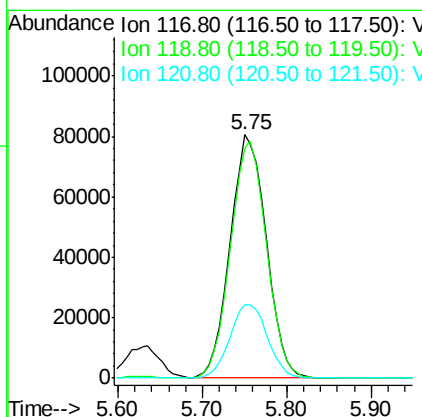
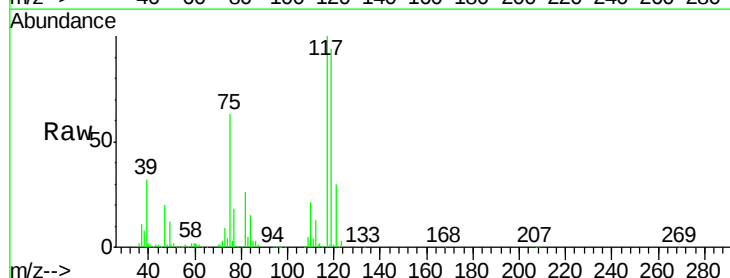
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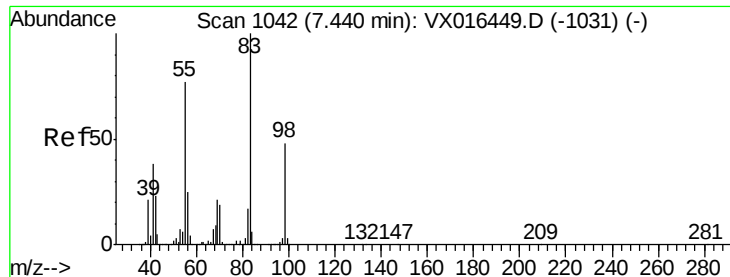
MMDadoda
6/3/2020 9:51:40 AM



#38
Carbon Tetrachloride
Concen: 45.241 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	117	Resp	234053
Ion Ratio	Lower	Upper	
117	100		
119	94.2	76.3	114.5
121	30.0	24.6	37.0





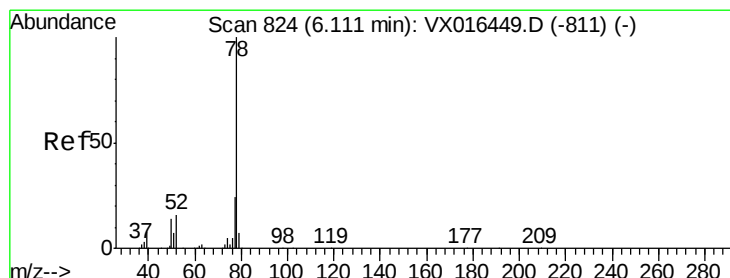
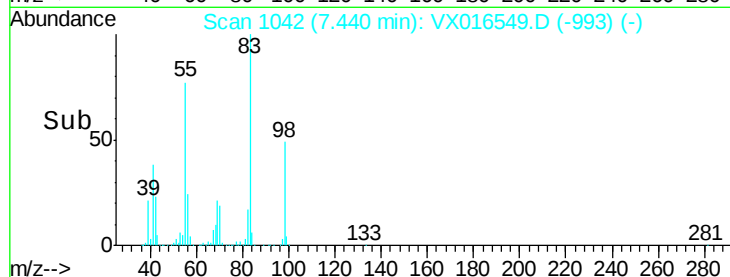
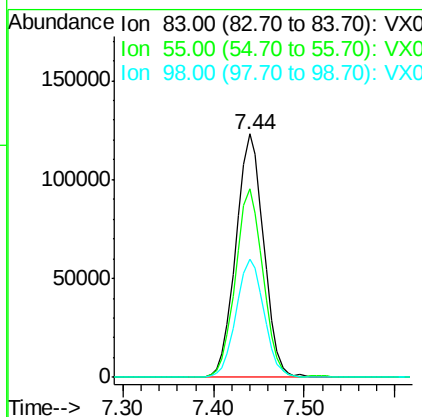
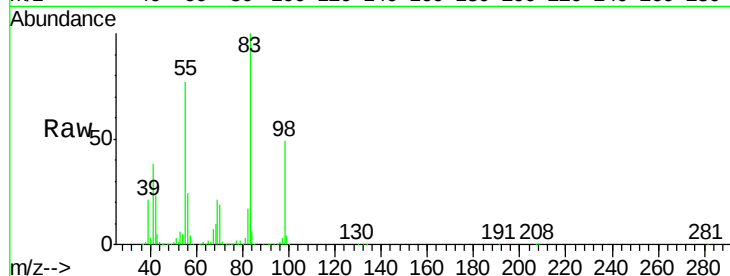
#39
Methvlcvclohexane
Concen: 48.947 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	83	Resp	261727
Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.7	92.5
98	48.8	38.7	58.1

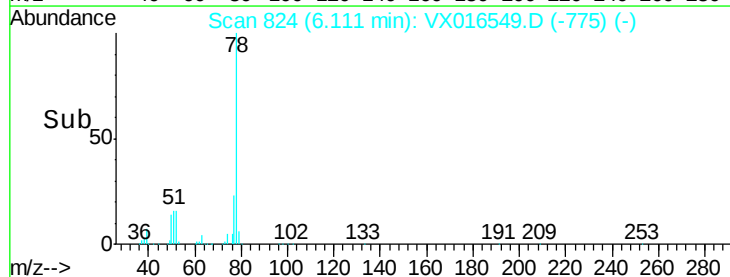
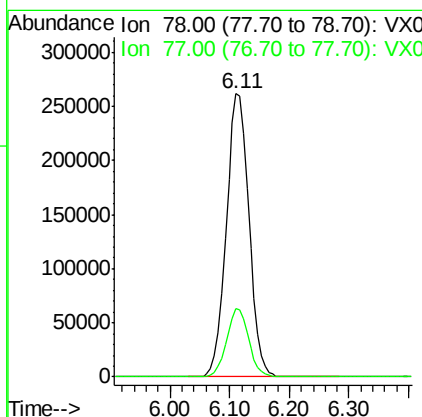
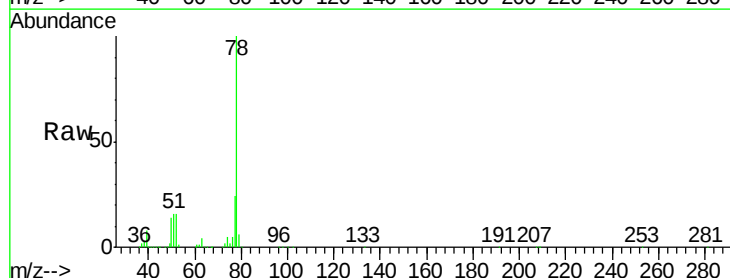
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6/3/2020 9:51:40 AM



#40
Benzene
Concen: 47.158 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	78	Resp	691342
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





#41

Methacrylonitrile

Concen: 49.118 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 41 Resp: 159462

Ion Ratio Lower Upper

41 100

39 51.5 43.0 64.4

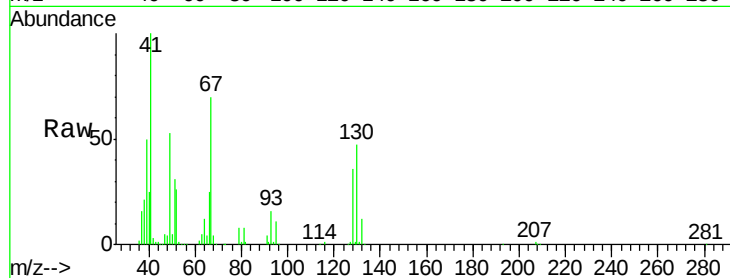
67 73.1 58.9 88.3

52 28.7 23.1 34.7

Manual Integrations
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6/3/2020 9:51:40 AM

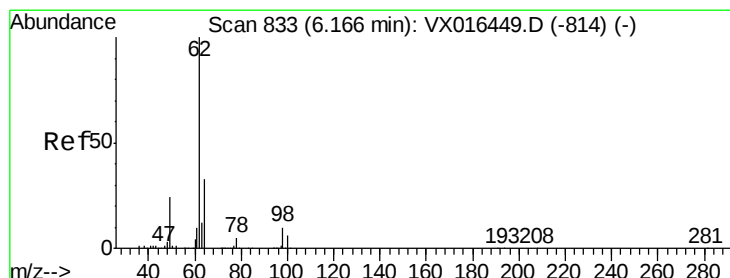
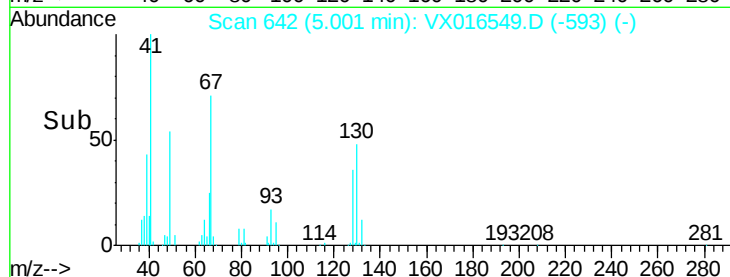
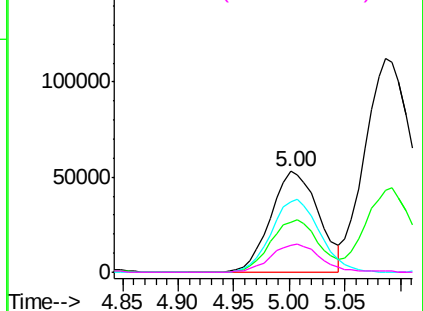


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.445 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016549.D

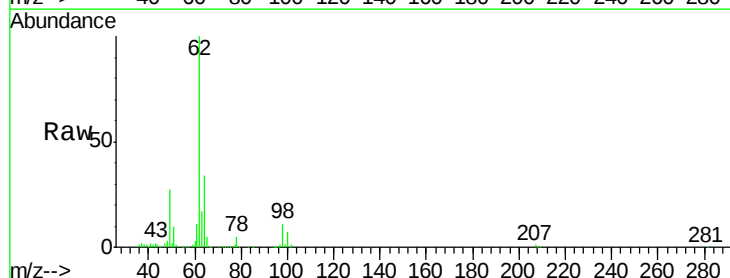
Acq: 02 Jun 2020 12:18

Tgt Ion: 62 Resp: 236931

Ion Ratio Lower Upper

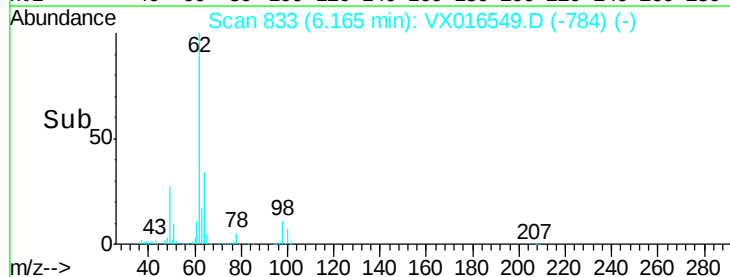
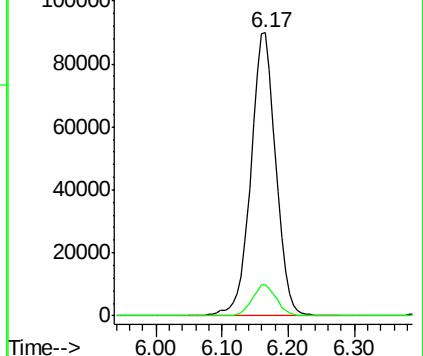
62 100

98 10.6 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

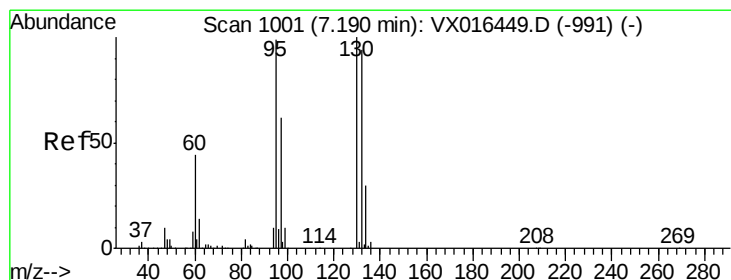
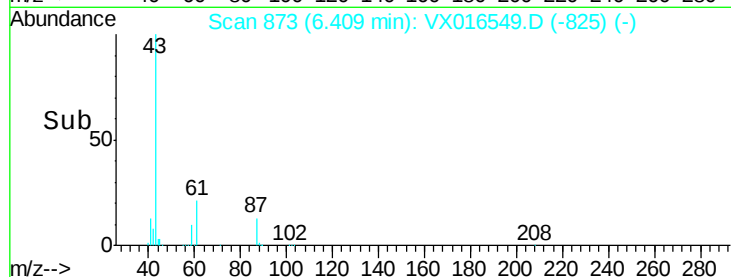
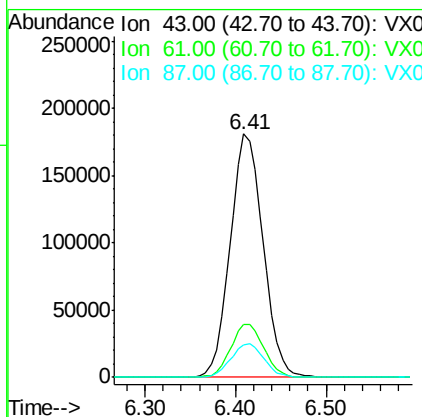
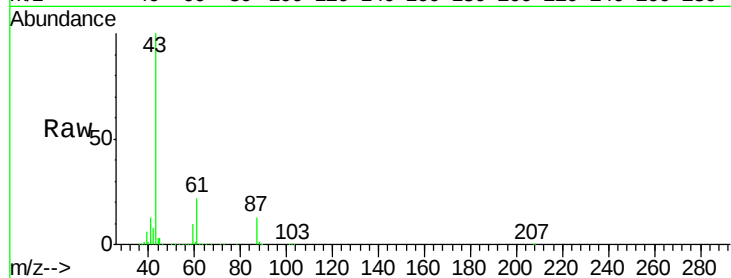
Isopropyl Acetate
 Concen: 49.264 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.8	25.2
87	14.1	11.2	16.8

Manual Integrations
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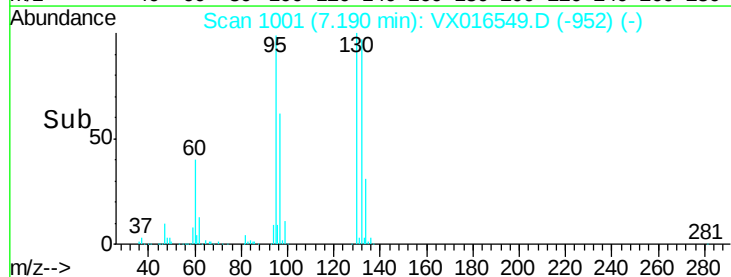
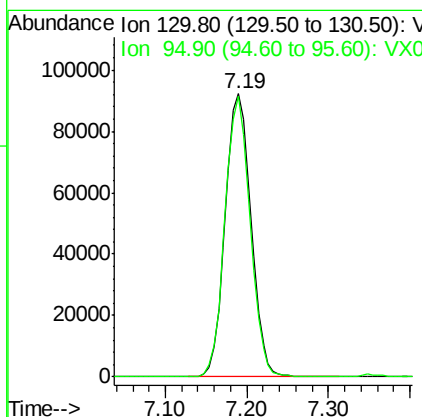
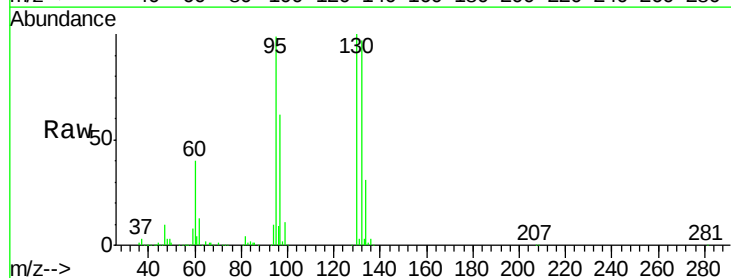
MMDadoda
 6/3/2020 9:51:40 AM

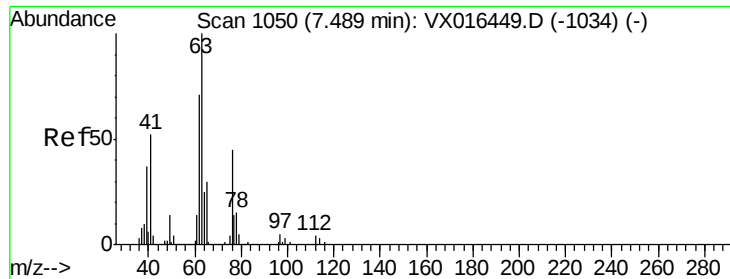


#44

Trichloroethene
 Concen: 43.343 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	198.2





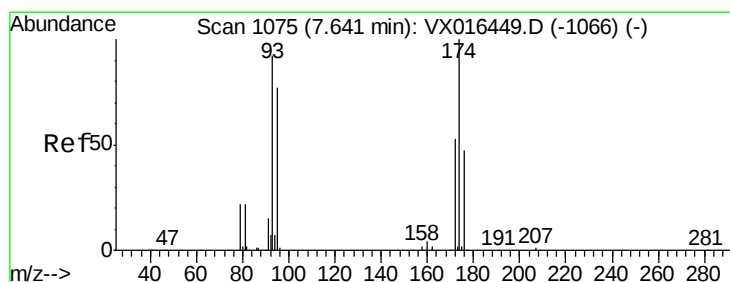
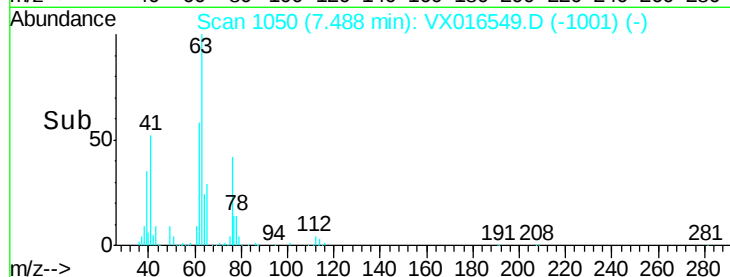
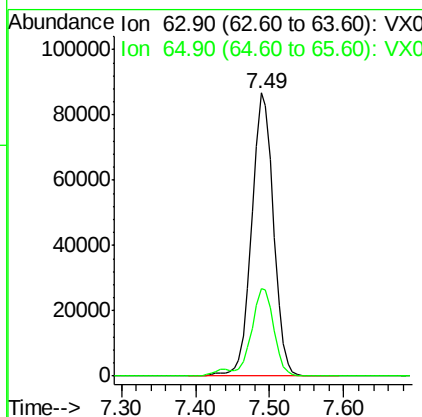
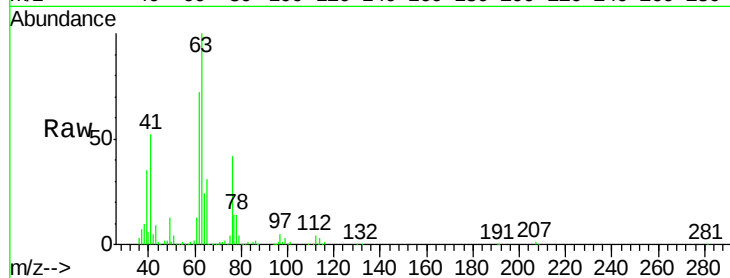
#45
 1,2-Dichloropropane
 Concen: 47.946 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.2	36.2

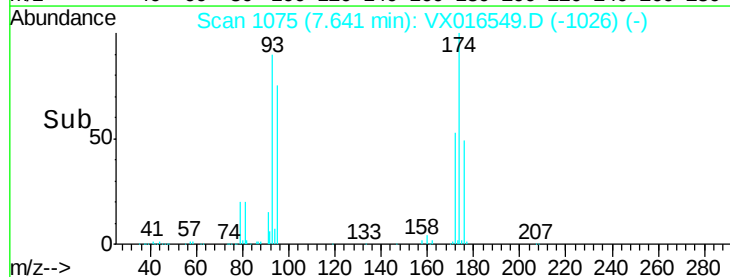
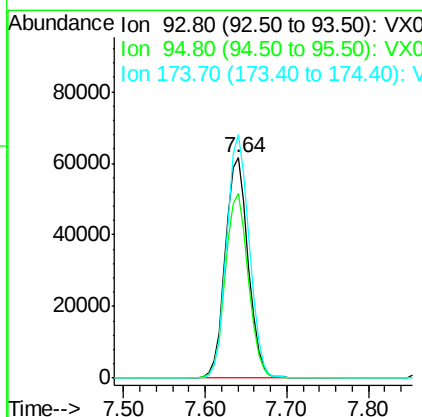
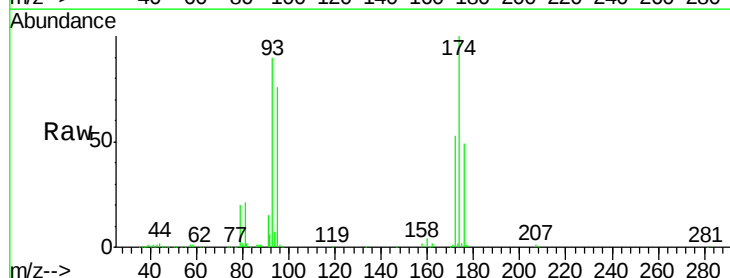
Manual Integrations
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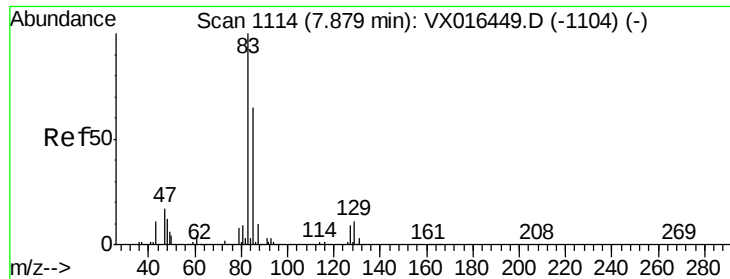
MMDadoda
 6/3/2020 9:51:40 AM



#46
 Dibromomethane
 Concen: 47.404 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.6	100.0
174	109.1	86.2	129.4





#47

Bromodichloromethane

Concen: 46.995 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

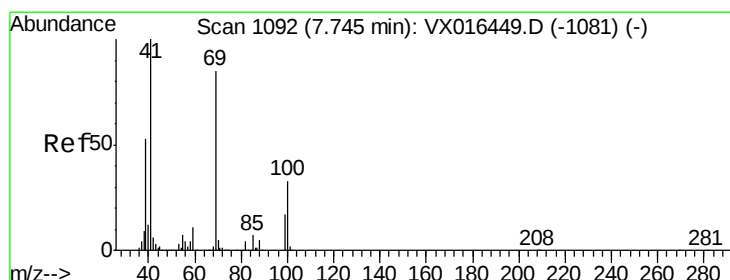
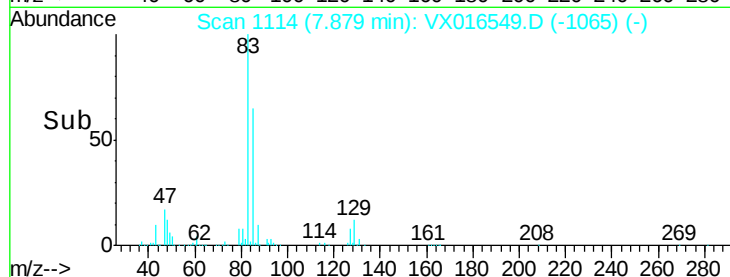
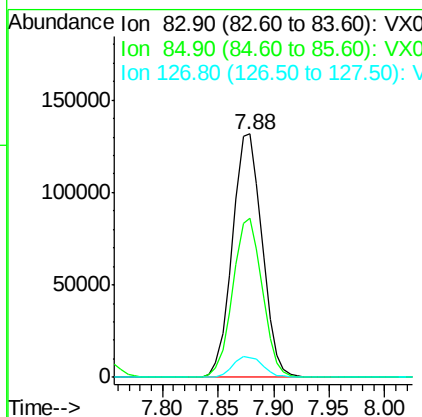
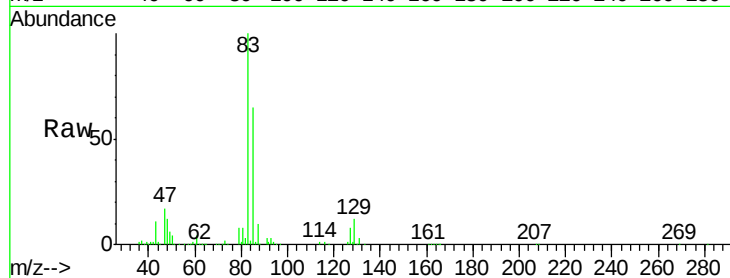
ClientSampleId :

SS050MW641-200528MS

Tot Ion:	83	Resp:	243925
Ion Ratio	Lower	Upper	
83	100		
85	65.4	52.0	78.0
127	8.3	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.099 ug/l

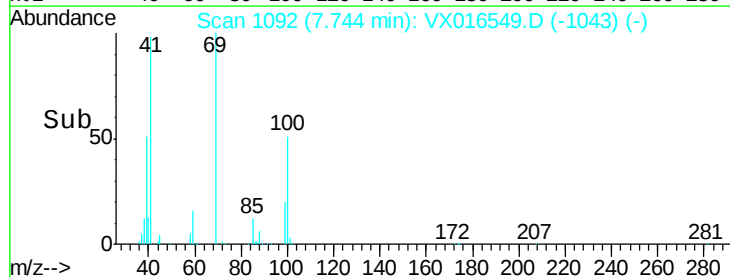
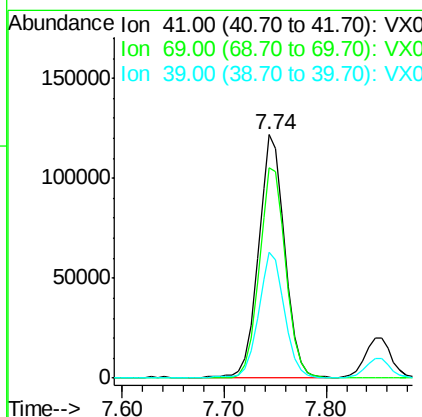
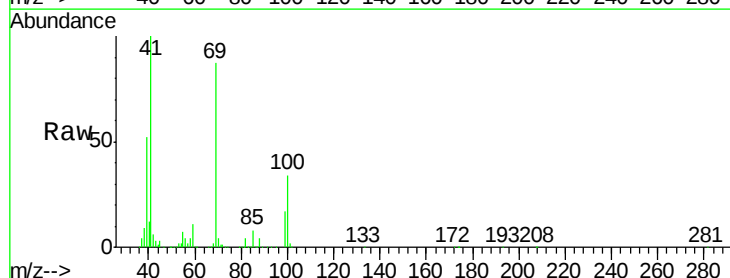
RT: 7.74 min Scan# 1092

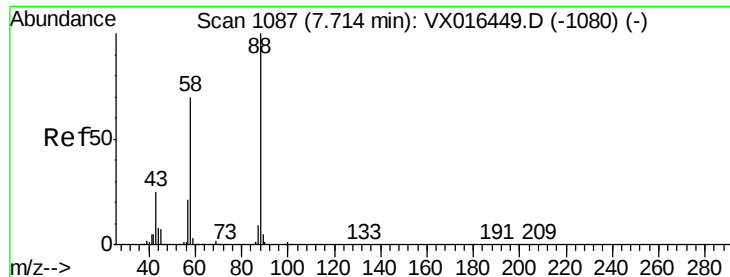
Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion:	41	Resp:	216729
Ion Ratio	Lower	Upper	
41	100		
69	87.7	68.6	102.8
39	51.0	42.4	63.6





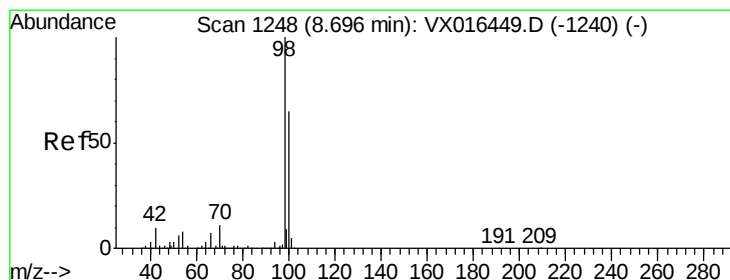
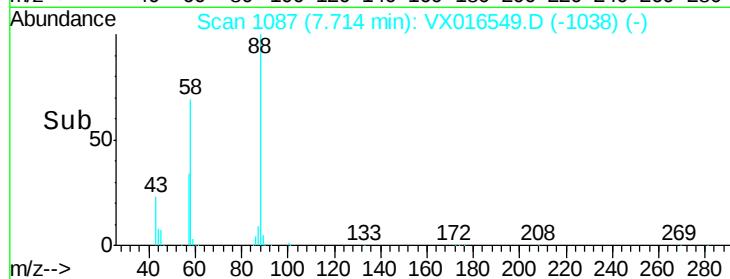
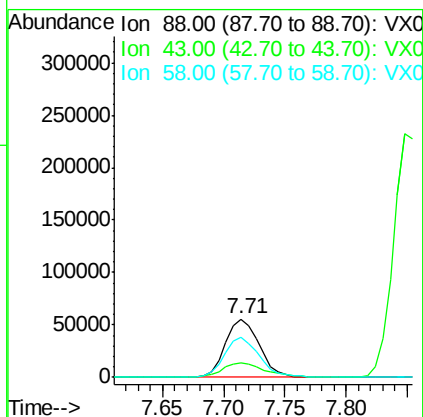
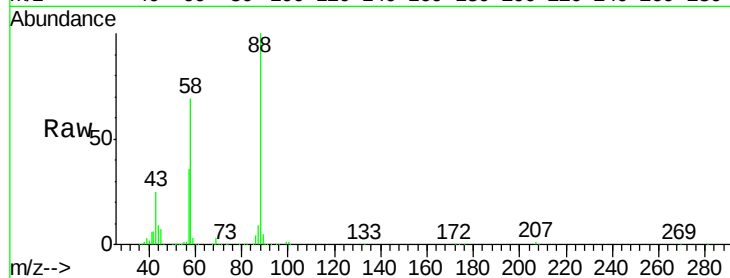
#49
1,4-Dioxane
Concen: 1027.602 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.2	36.4
58	71.8	56.5	84.7

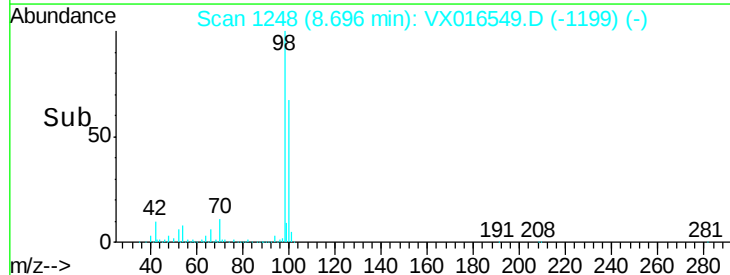
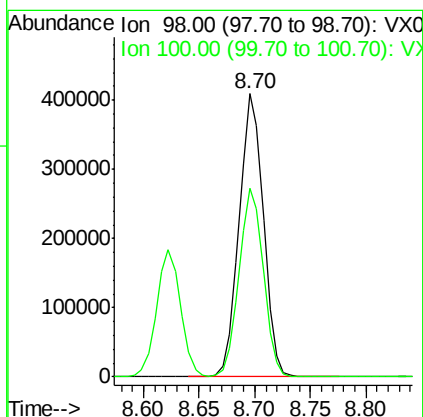
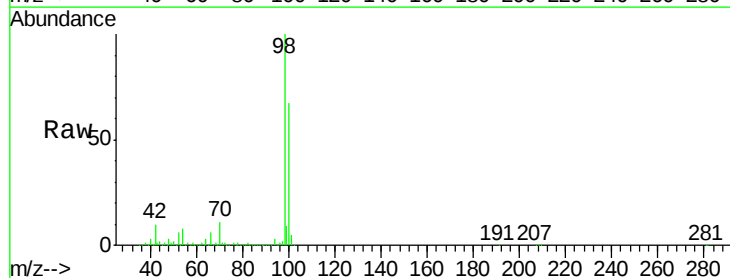
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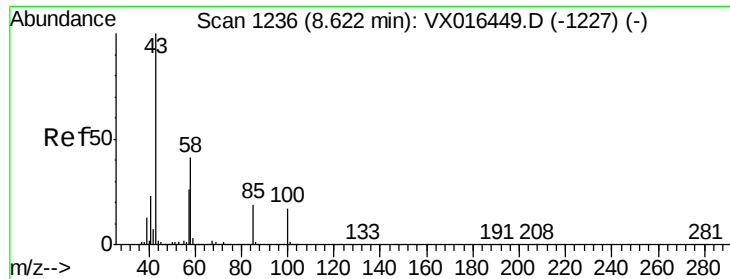
MMDadoda
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#50
Toluene-d8
Concen: 49.653 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 273.741 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 43 Resp: 1571384

Ion Ratio Lower Upper

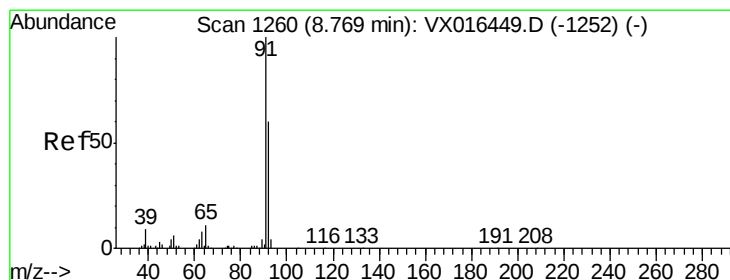
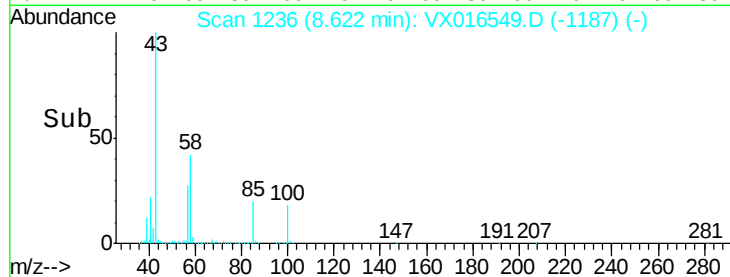
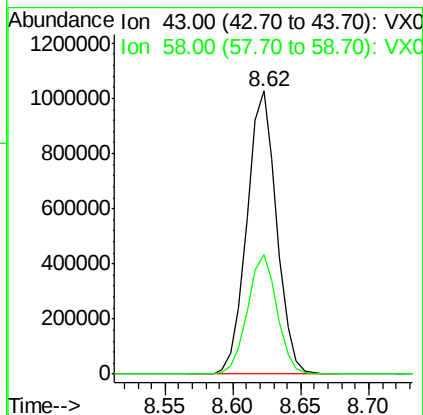
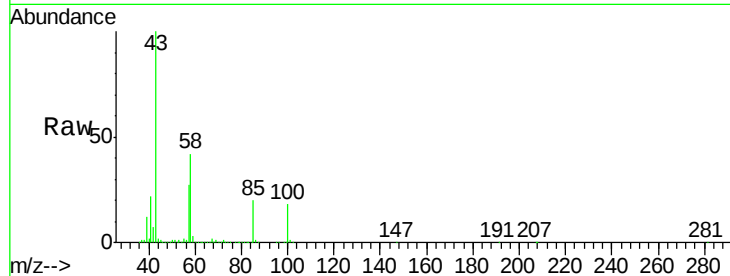
43 100

58 42.1 33.0 49.6

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#52

Toluene

Concen: 47.609 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016549.D

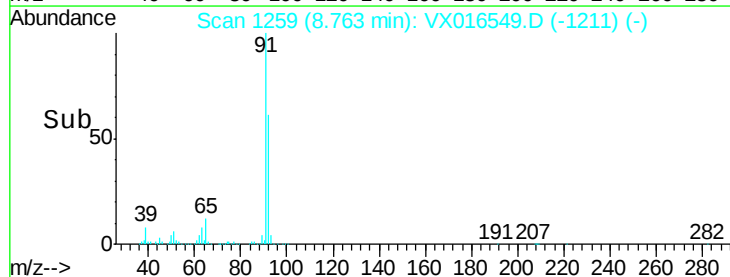
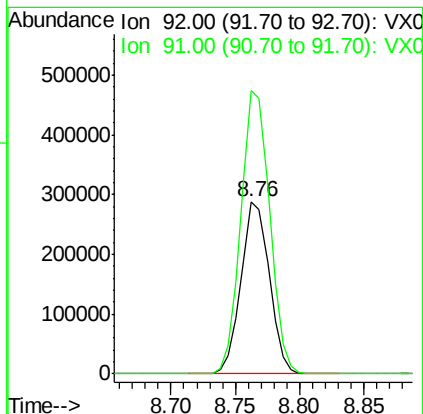
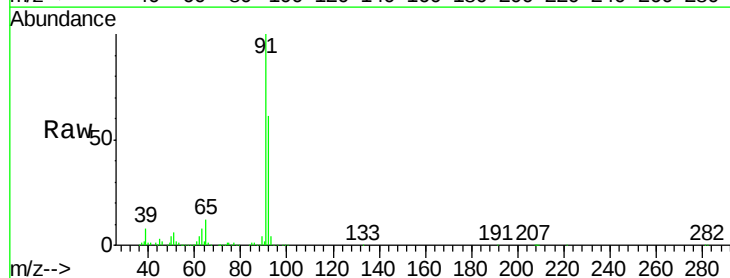
Acq: 02 Jun 2020 12:18

Tgt Ion: 92 Resp: 440126

Ion Ratio Lower Upper

92 100

91 167.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 49.411 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 75 Resp: 291627

Ion Ratio Lower Upper

75 100

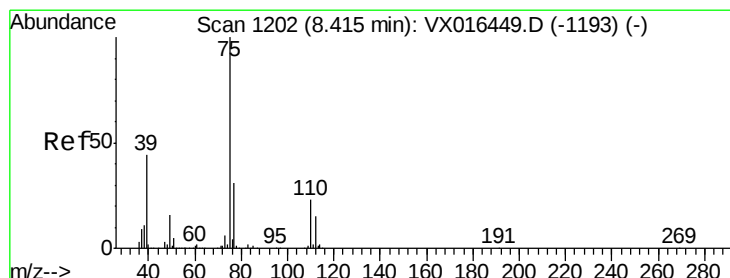
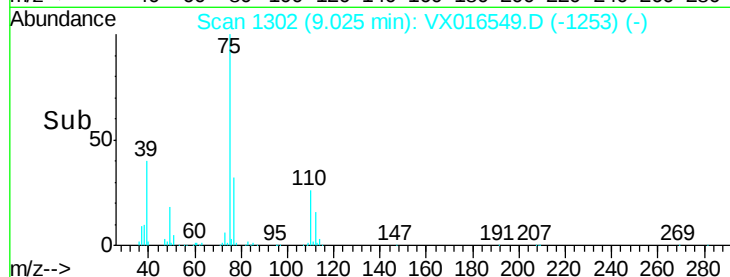
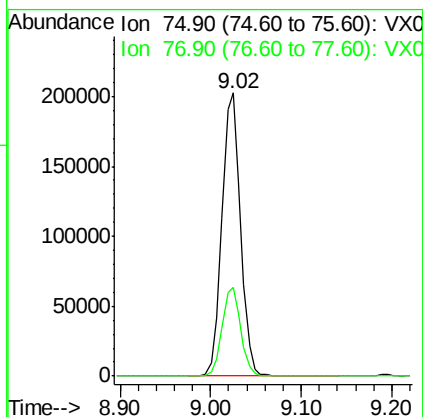
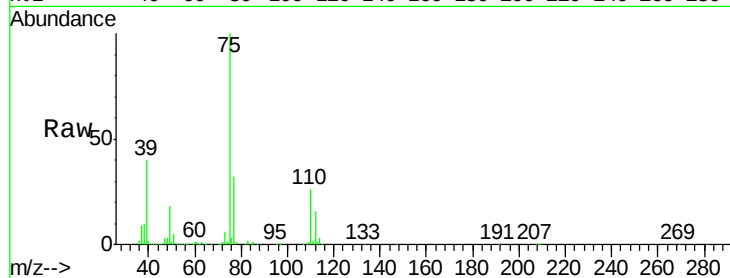
77 31.5 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.485 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

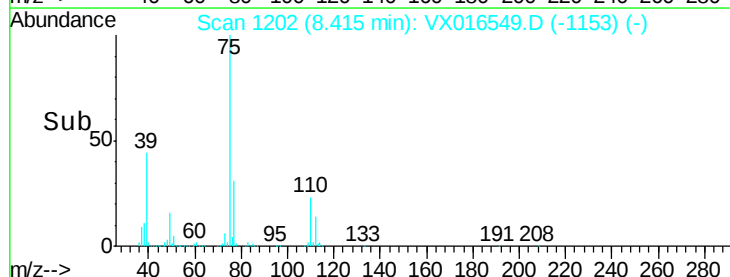
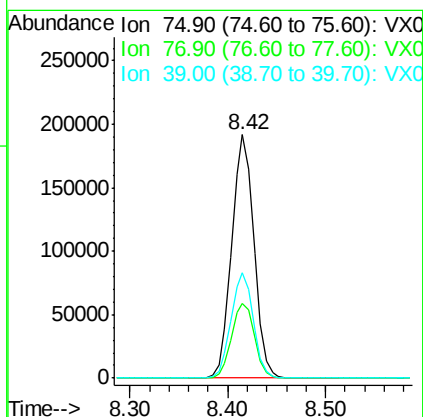
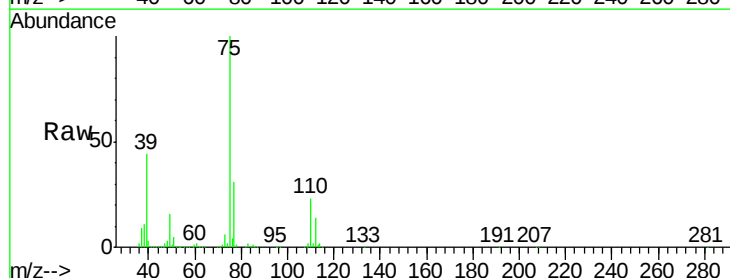
Tgt Ion: 75 Resp: 302896

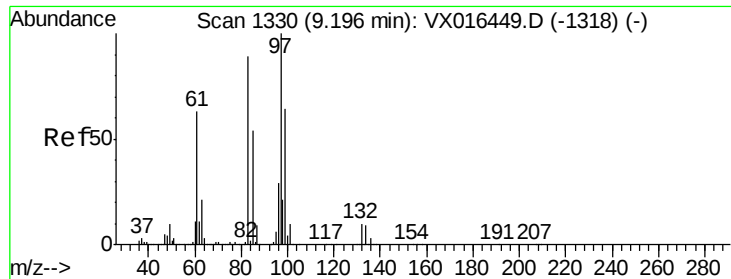
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 43.5 35.3 52.9





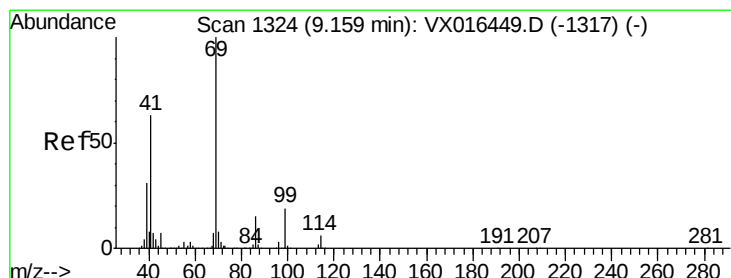
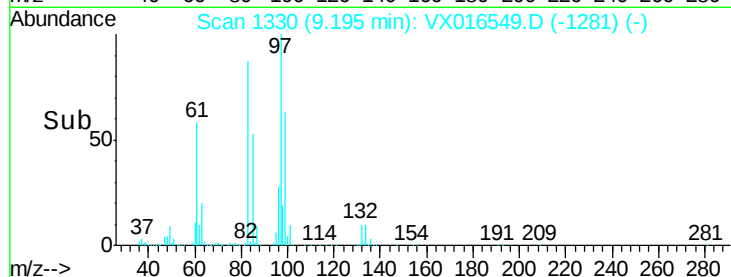
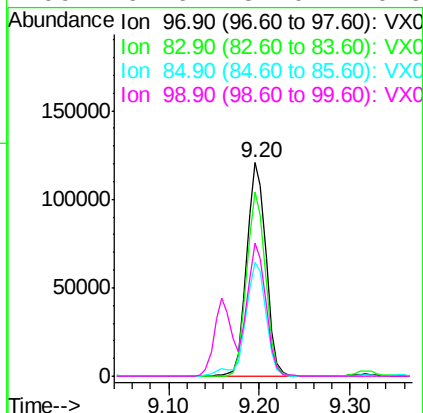
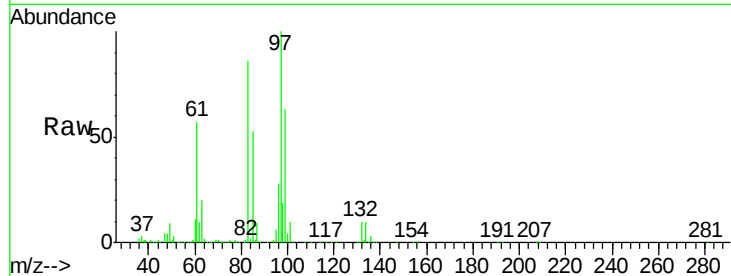
#55
 1,1,2-Trichloroethane
 Concen: 48.452 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.9	106.3
85	53.3	43.4	65.2
99	62.6	51.0	76.6

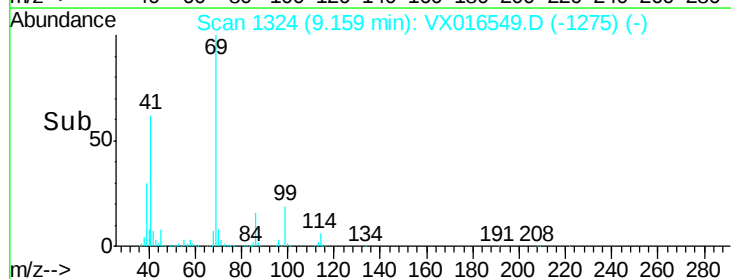
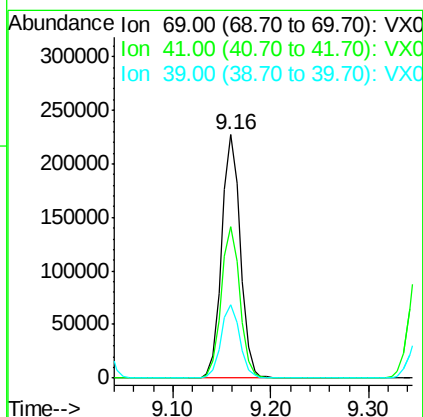
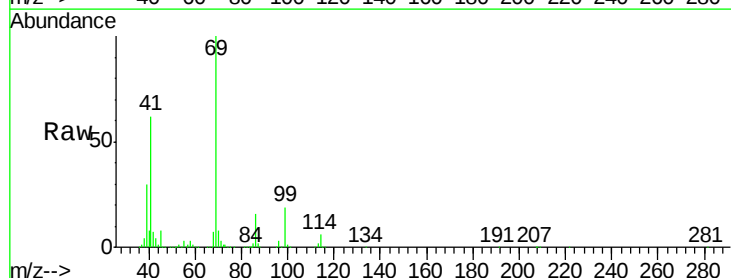
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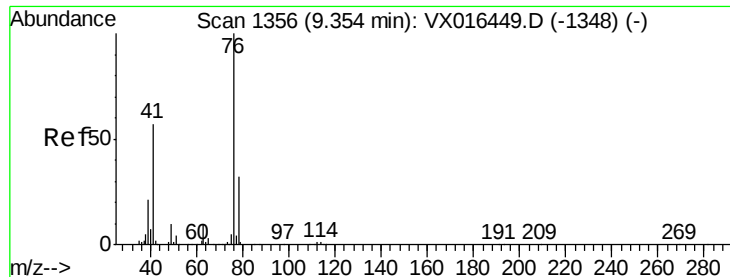
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#56
 Ethyl methacrylate
 Concen: 50.181 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	50.7	76.1
39	30.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 48.453 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 76 Resp: 305695

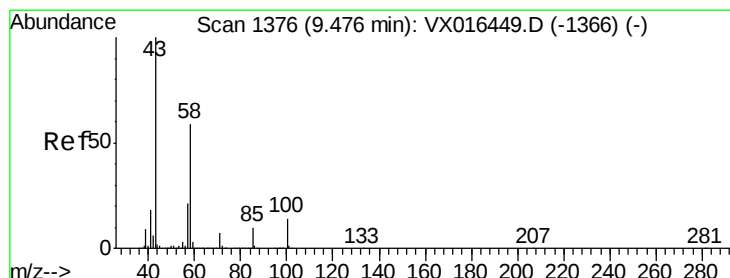
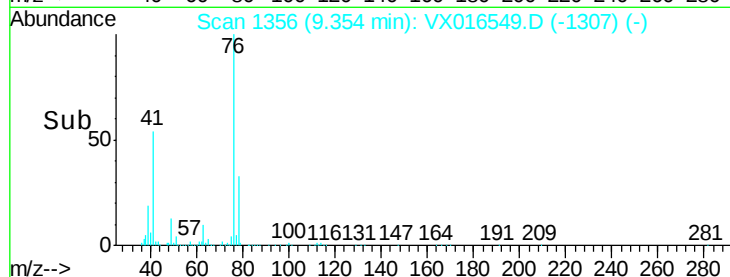
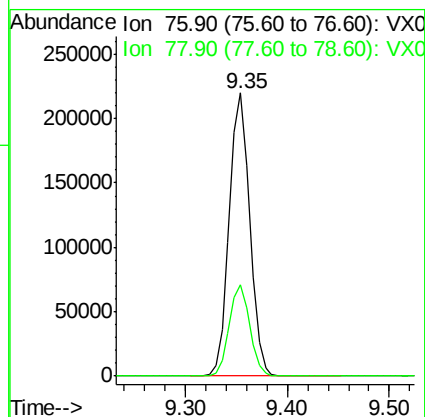
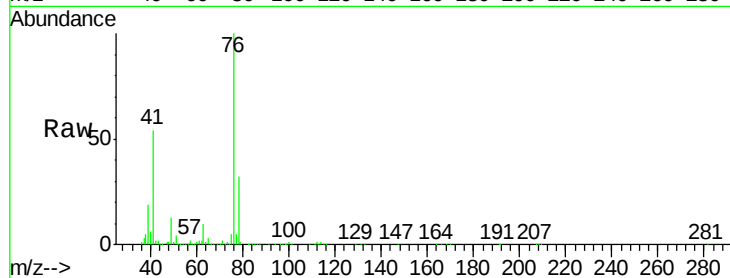
Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4

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#59

2-Hexanone

Concen: 276.179 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016549.D

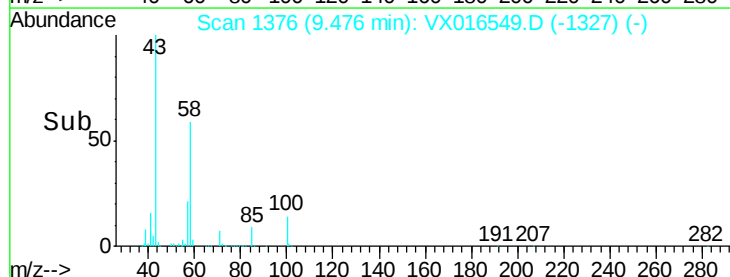
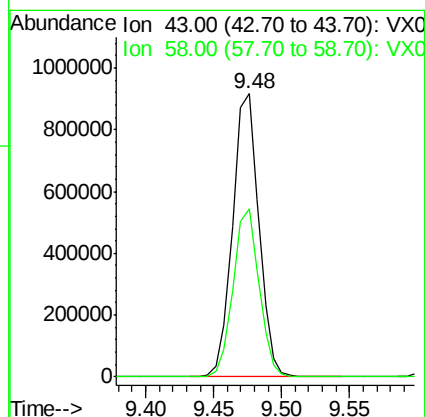
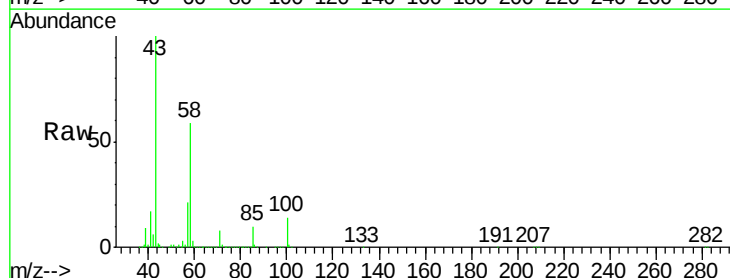
Acq: 02 Jun 2020 12:18

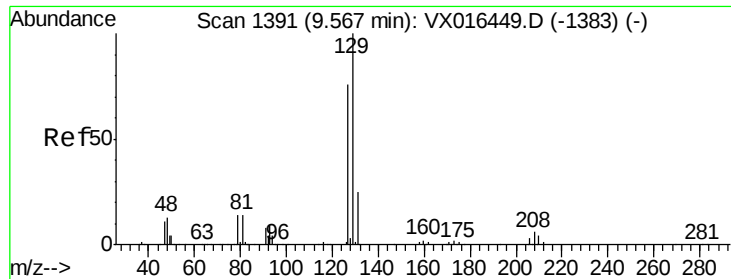
Tgt Ion: 43 Resp: 1232879

Ion Ratio Lower Upper

43 100

58 58.9 28.8 86.4





#60

Dibromochloromethane

Concen: 47.456 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion:129 Resp: 196298

Ion Ratio Lower Upper

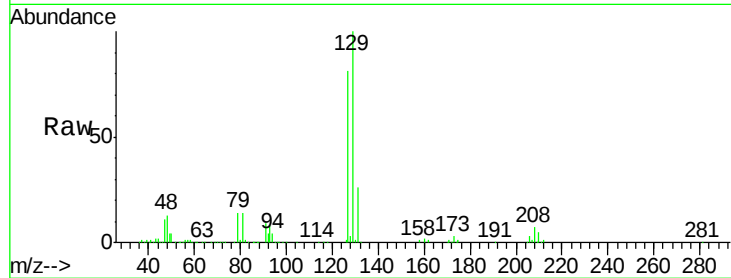
129 100

127 78.9 38.6 116.0

Manual Integrations
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

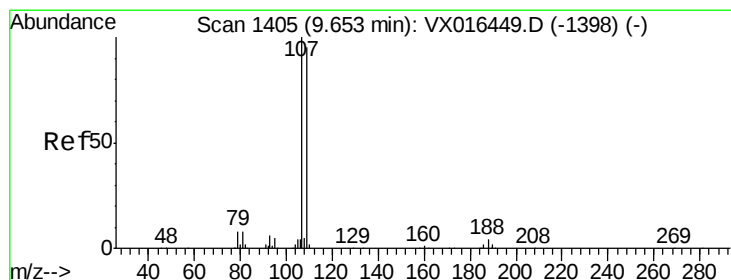
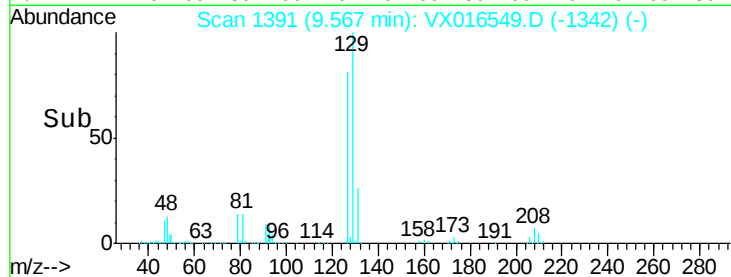
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 48.176 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016549.D

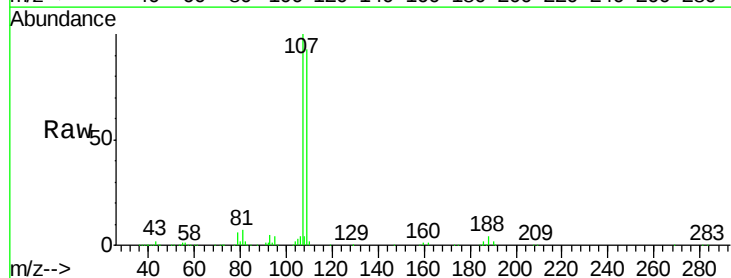
Acq: 02 Jun 2020 12:18

Tgt Ion:107 Resp: 189626

Ion Ratio Lower Upper

107 100

109 94.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

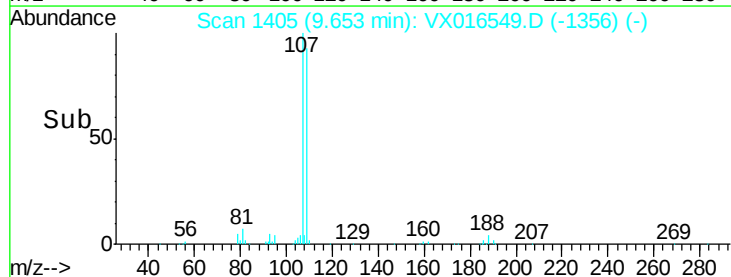
150000

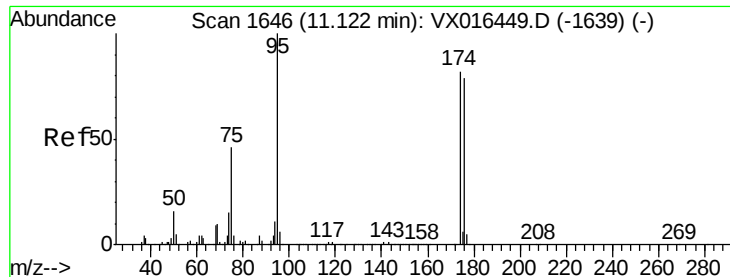
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.216 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

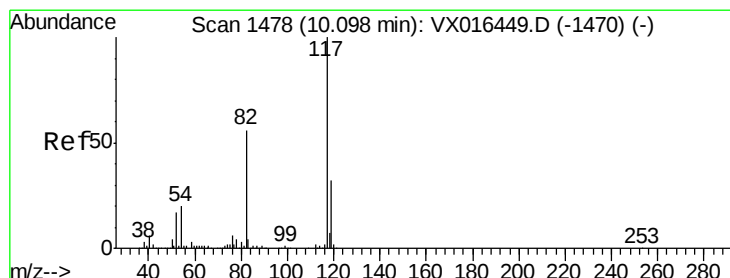
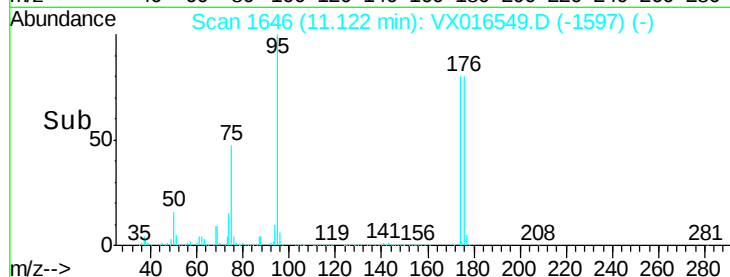
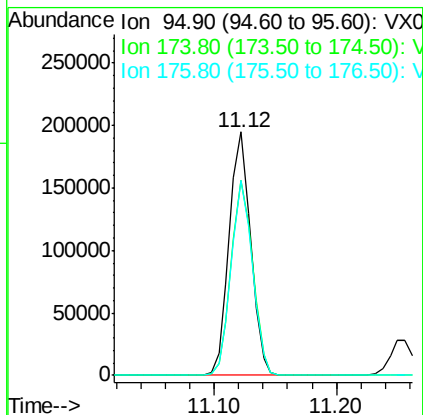
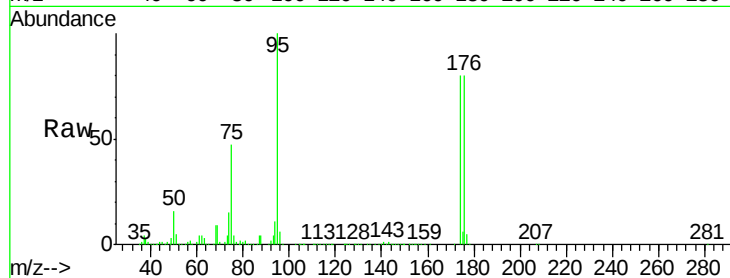
ClientSampleId :

SS050MW641-200528MS

Tot Ion:	95	Resp:	236974
Ion Ratio	Lower	Upper	
95	100		
174	80.2	0.0	163.0
176	79.3	0.0	156.8

Manual Integrations
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6/3/2020 9:51:40 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

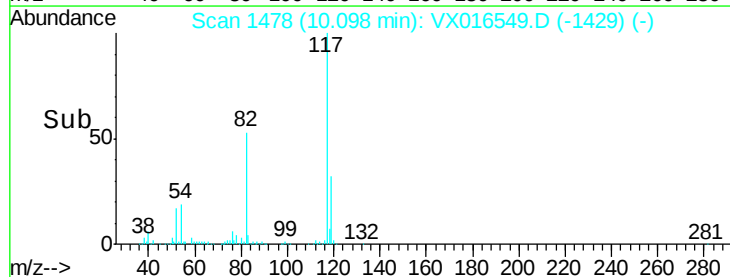
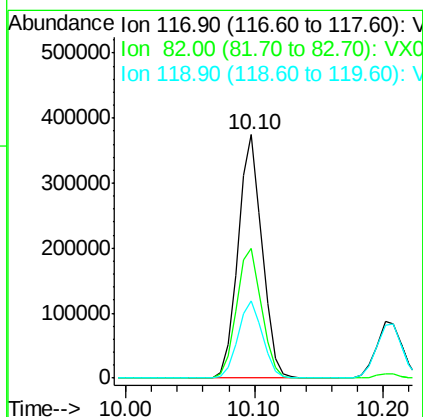
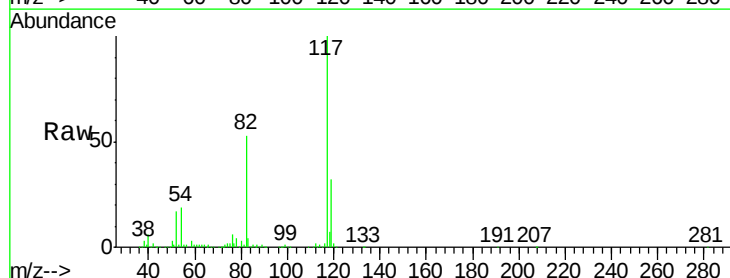
RT: 10.10 min Scan# 1478

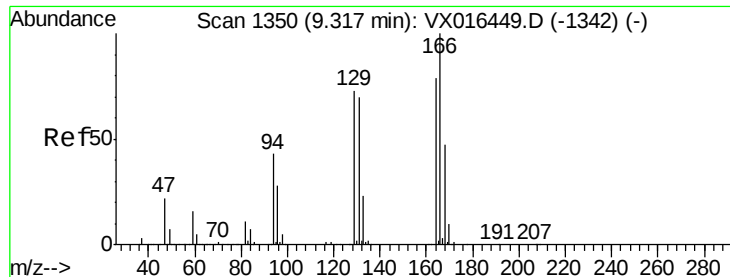
Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion:	117	Resp:	482514
Ion Ratio	Lower	Upper	
117	100		
82	53.5	45.0	67.6
119	31.5	25.8	38.8





#64

Tetrachloroethene

Concen: 39.218 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion:164 Resp: 211712

Ion Ratio Lower Upper

164 100

166 126.2 100.9 151.3

129 92.1 73.2 109.8

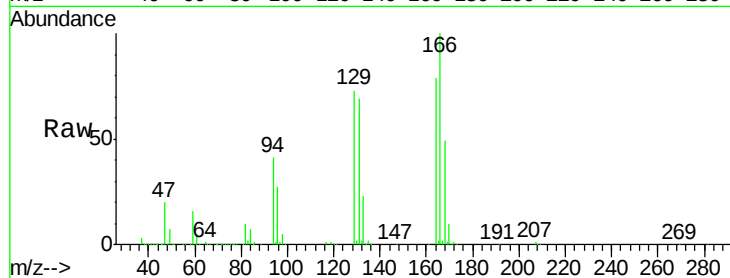
131 87.6 70.8 106.2

Manual Integrations

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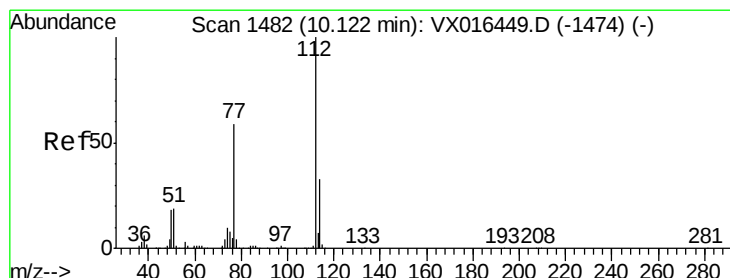
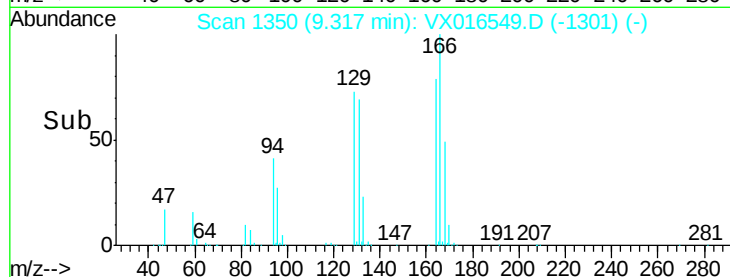
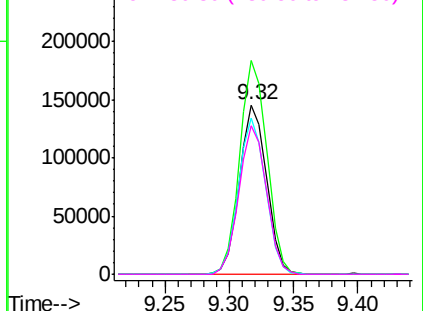


Abundance Ion 163.80 (163.50 to 164.50): V

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: 47.514 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016549.D

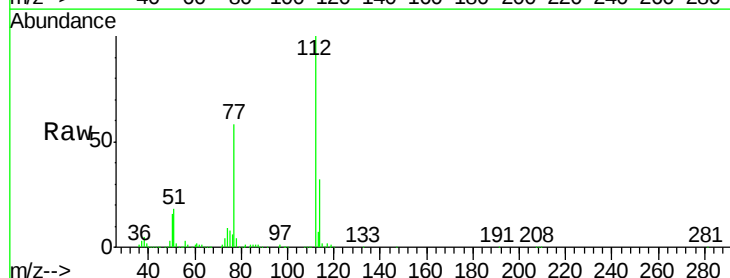
Acq: 02 Jun 2020 12:18

Tgt Ion:112 Resp: 467398

Ion Ratio Lower Upper

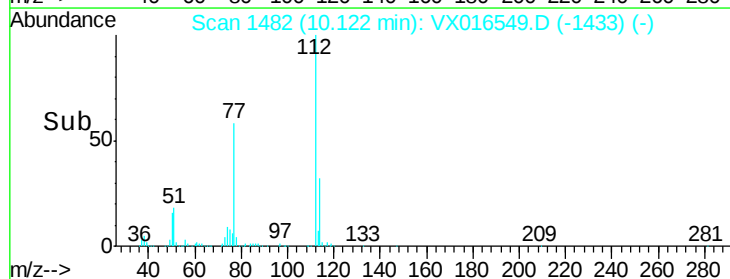
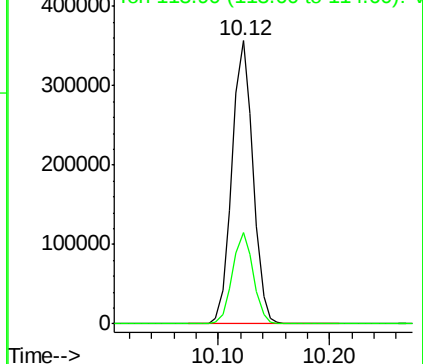
112 100

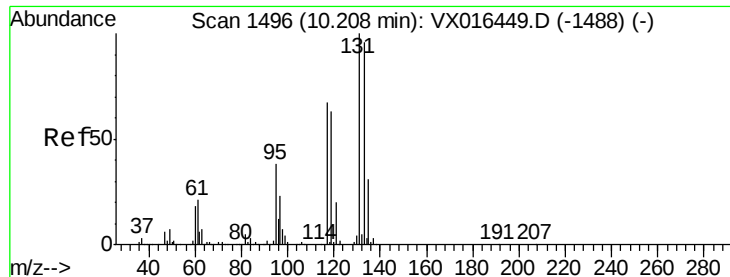
114 32.4 26.0 39.0



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: 47.500 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

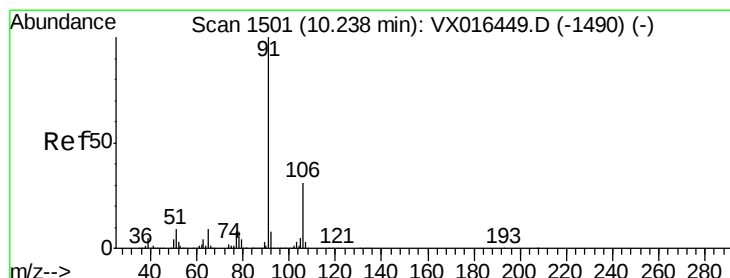
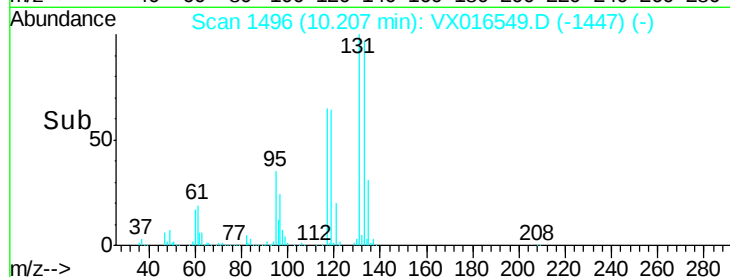
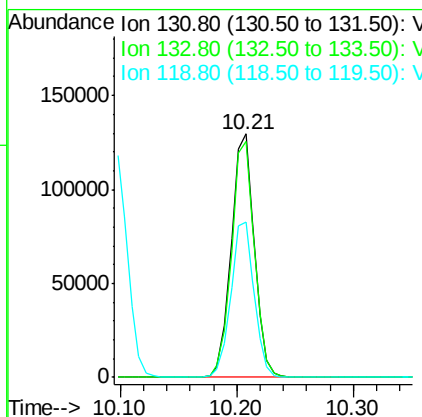
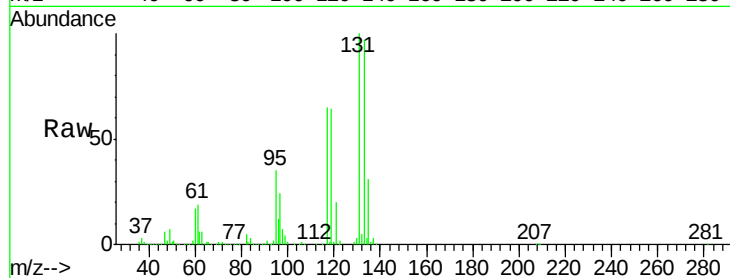
ClientSampleId :

SS050MW641-200528MS

Tot Ion:	131	Resp:	178365
Ion Ratio	Lower	Upper	
131	100		
133	96.8	48.4	145.3
119	64.6	32.0	96.2

Manual Integrations
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#67

Ethyl Benzene

Concen: 47.248 ug/l

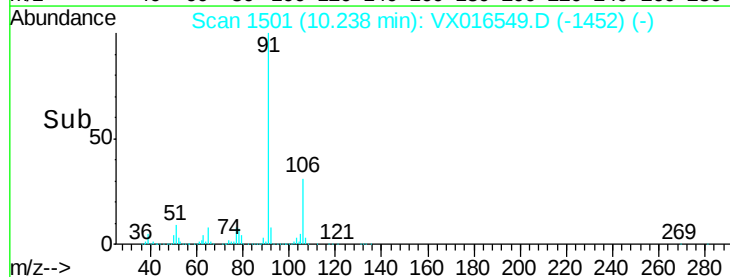
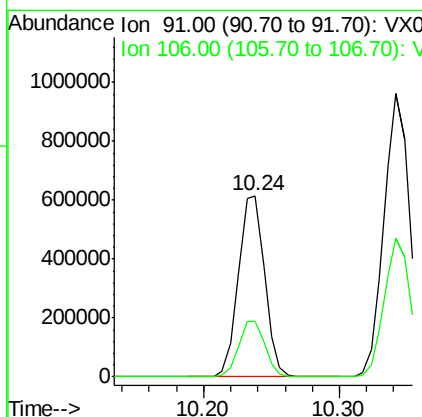
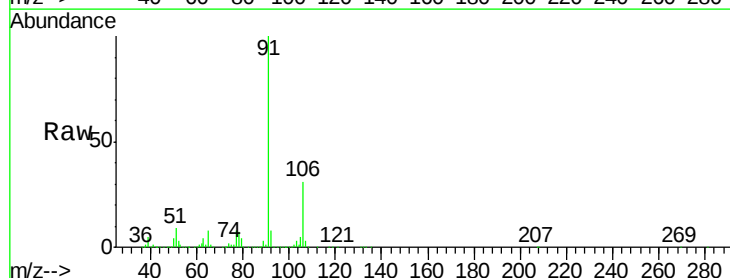
RT: 10.24 min Scan# 1501

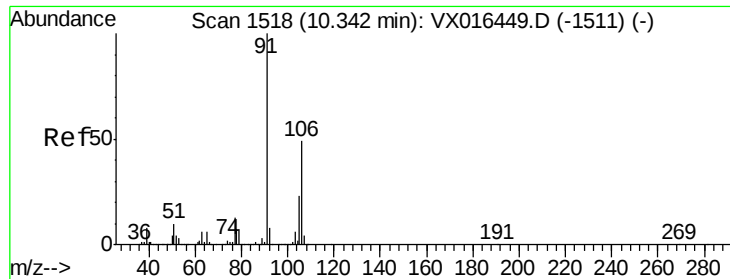
Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion:	91	Resp:	827514
Ion Ratio	Lower	Upper	
91	100		
106	31.0	25.0	37.4





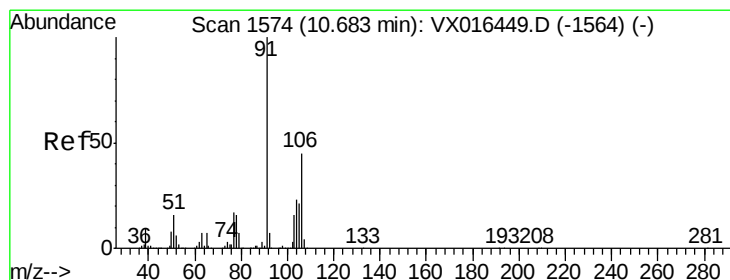
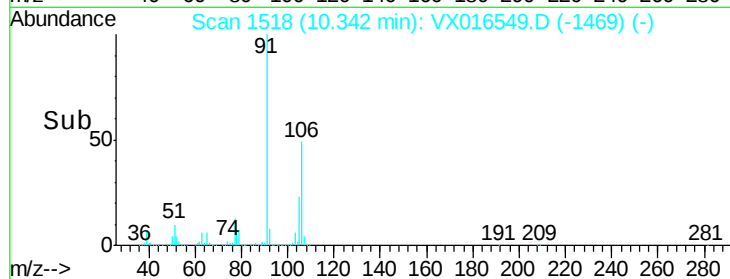
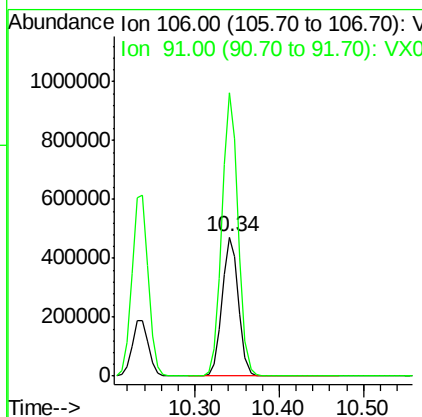
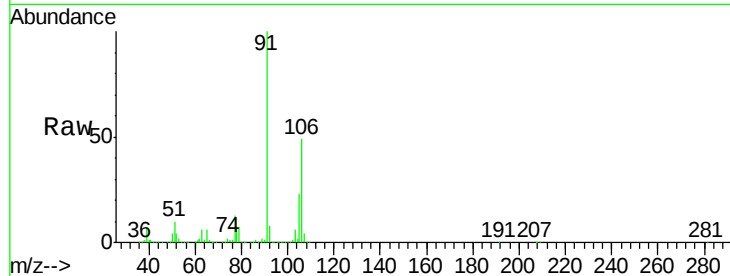
#68
m/p-Xylenes
Concen: 97.187 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		631111		
91	202.2	163.8	245.8		

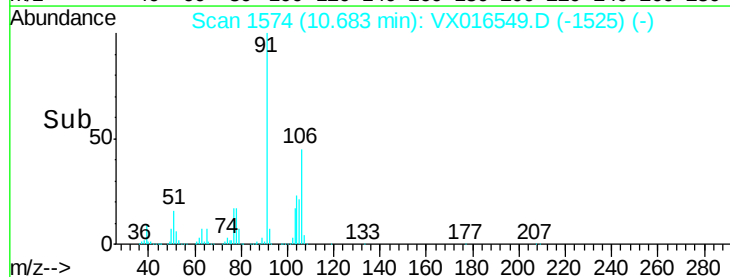
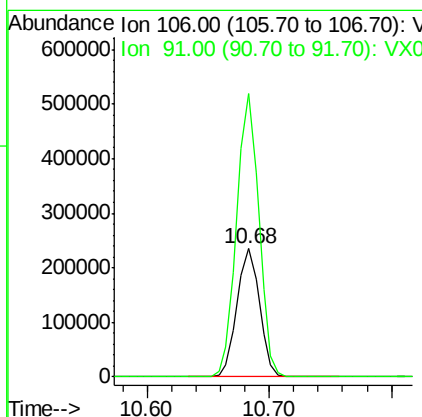
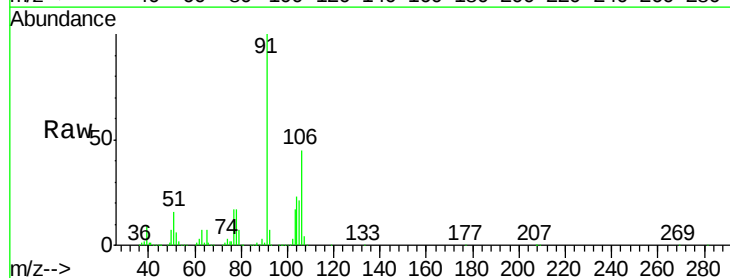
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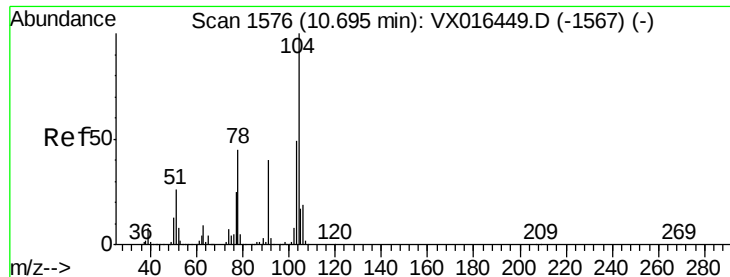
MMDadoda
6/3/2020 9:51:40 AM



#69
o-Xylene
Concen: 47.731 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		300175		
91	216.9	109.6	328.8		





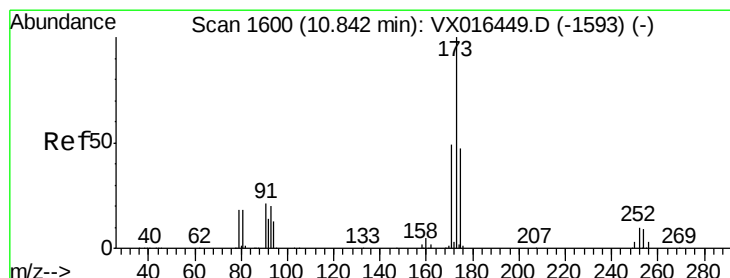
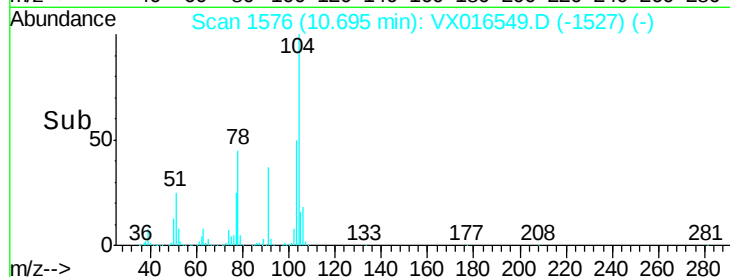
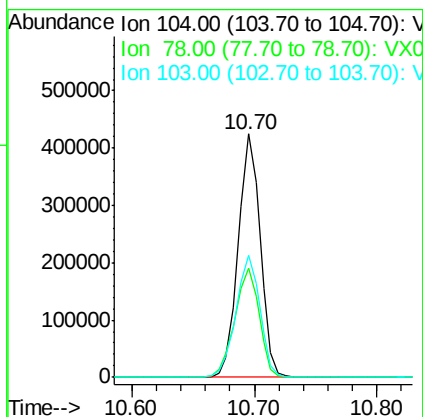
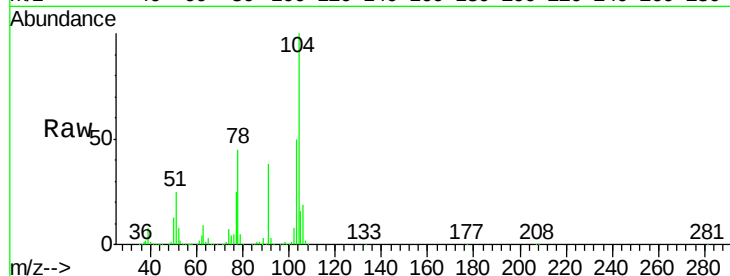
#70
Stvrene
Concen: 48.736 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.7	40.2	60.2
103	54.4	43.1	64.7

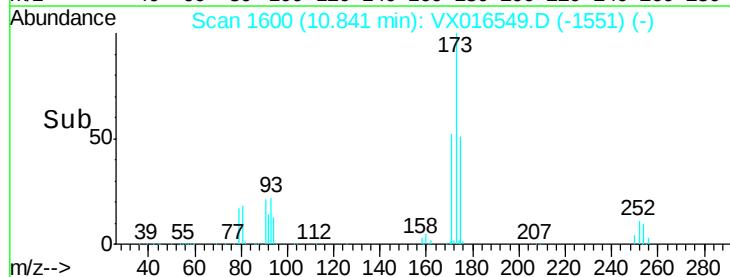
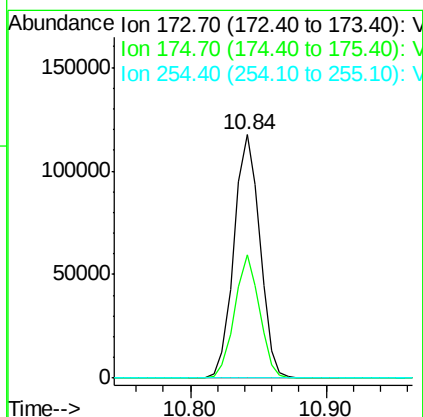
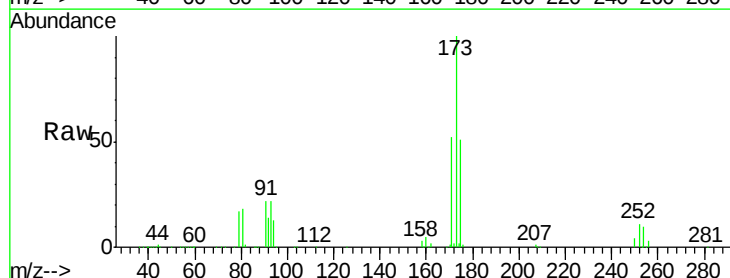
Manual Integrations
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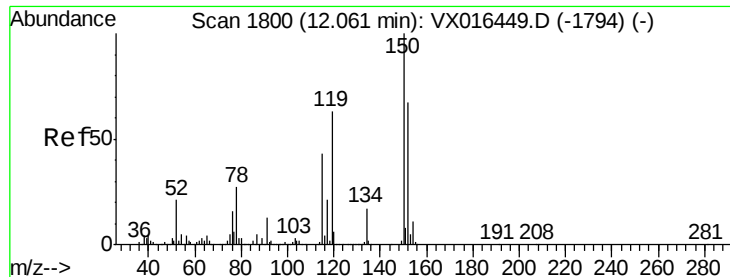
MMDadoda
6/3/2020 9:51:40 AM



#71
Bromoform
Concen: 49.184 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	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: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion:152 Resp: 242045

Ion Ratio Lower Upper

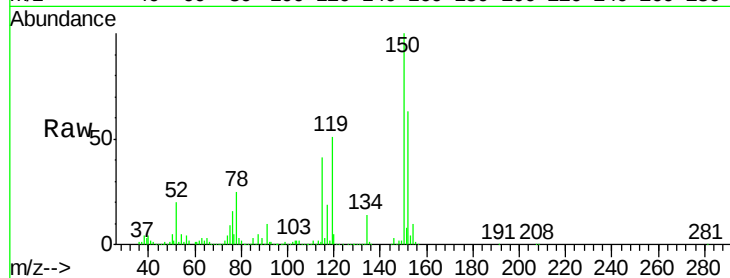
152 100

115 79.4 39.9 119.6

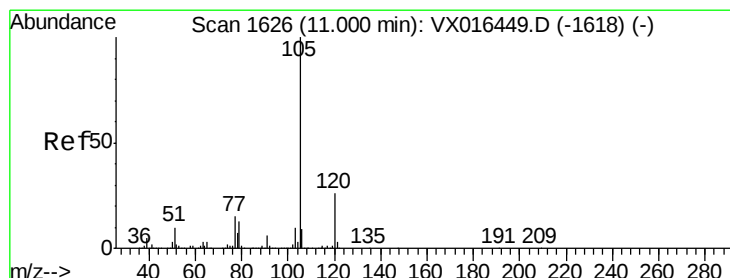
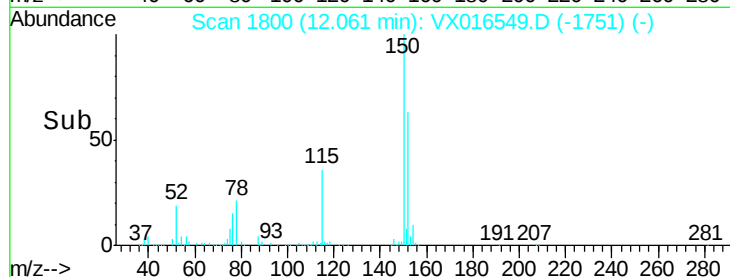
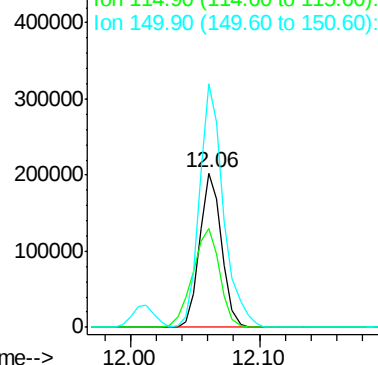
150 172.6 0.0 341.0

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.681 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016549.D

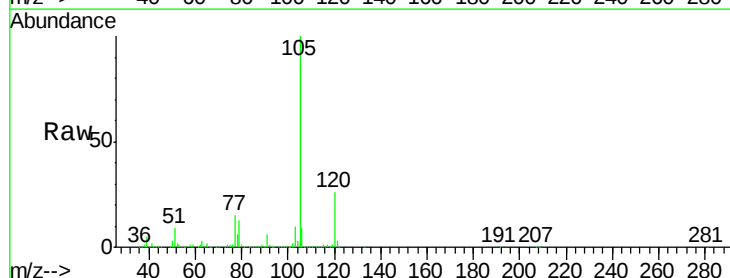
Acq: 02 Jun 2020 12:18

Tgt Ion:105 Resp: 799653

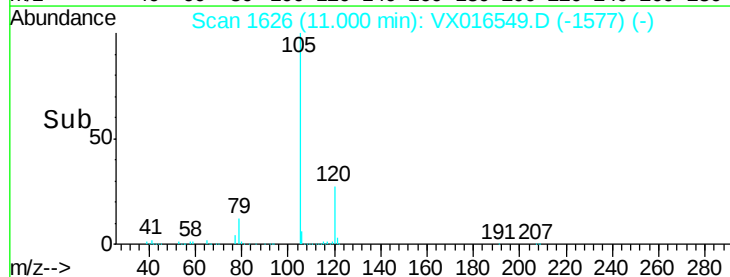
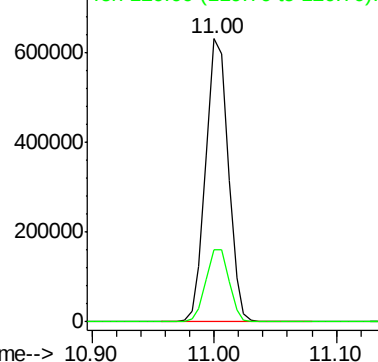
Ion Ratio Lower Upper

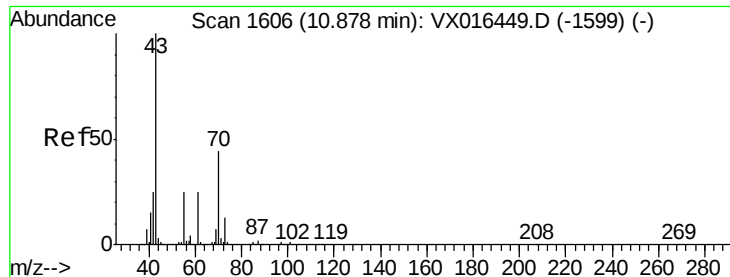
105 100

120 26.4 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: 50.013 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

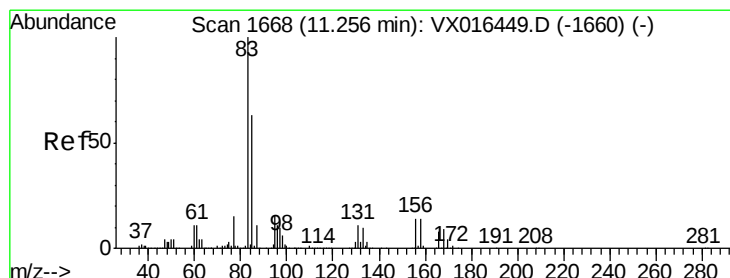
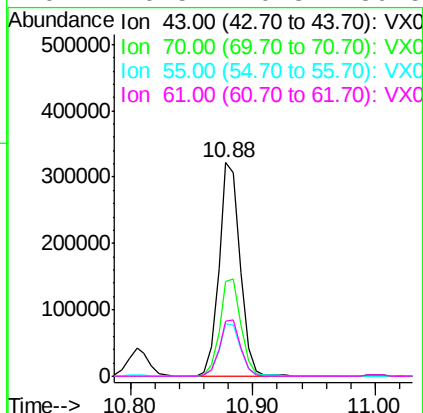
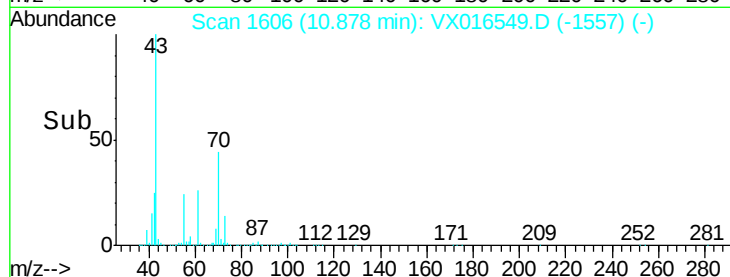
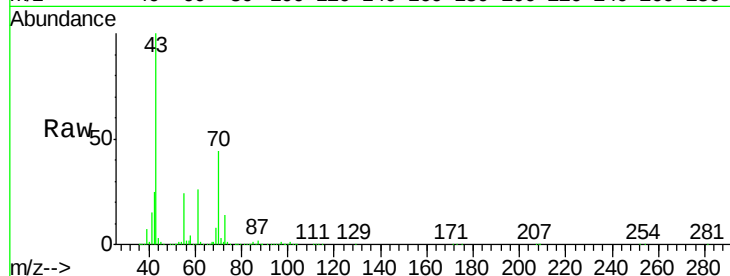
ClientSampleId :

SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
43	100		
70	46.2	36.1	54.1
55	25.3	20.2	30.4
61	26.5	20.3	30.5

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 58.036 ug/l

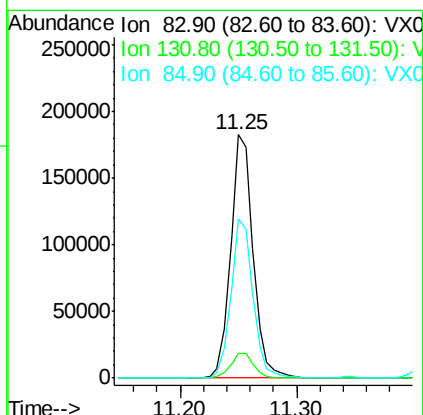
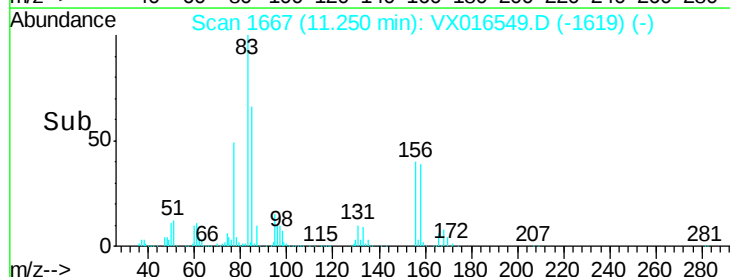
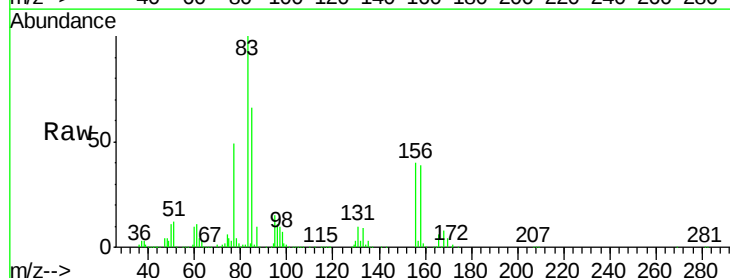
RT: 11.25 min Scan# 1667

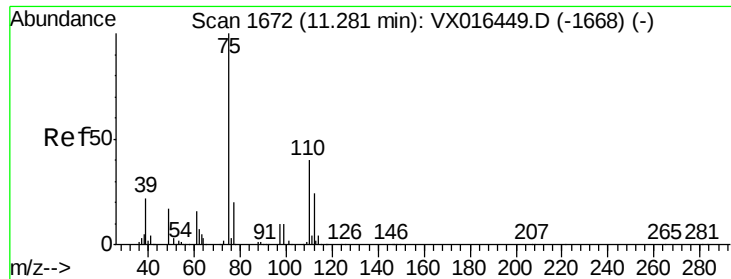
Delta R.T. -0.01 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	64.8	32.0	96.2





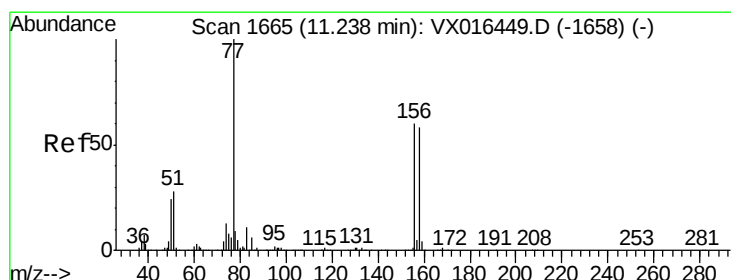
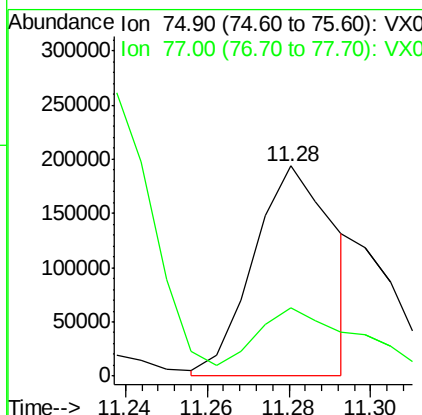
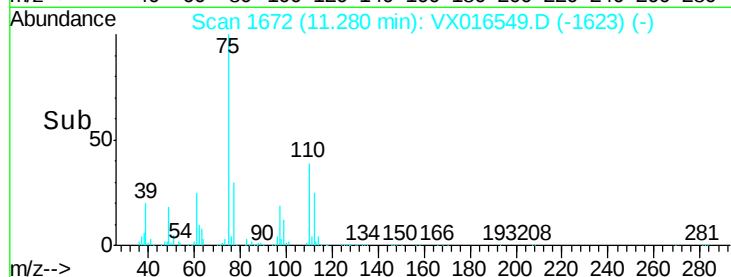
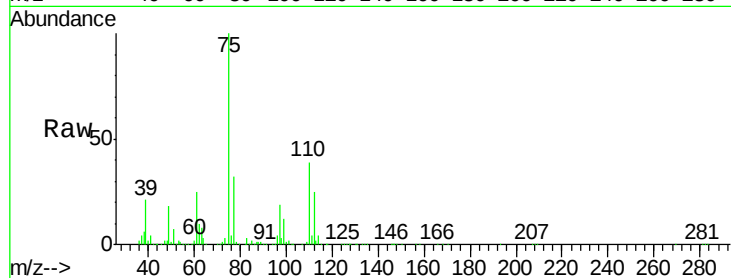
#76
1,2,3-Trichloropropane
Concen: 49.764 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion: 75 Resp: 264758
Ion Ratio Lower Upper
75 100
77 42.2 21.3 63.7

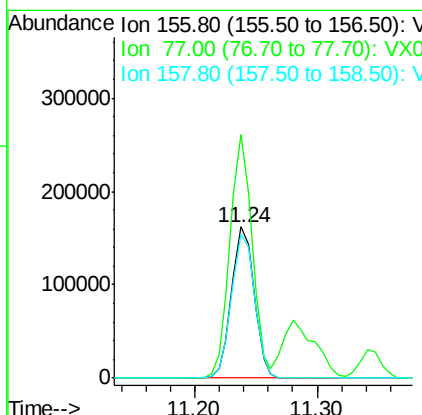
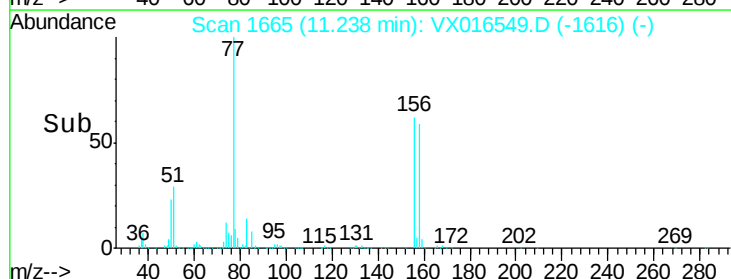
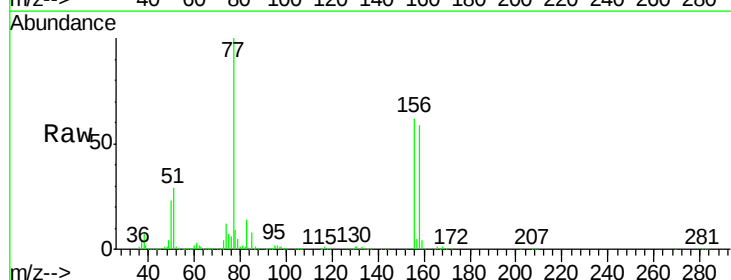
Manual Integrations
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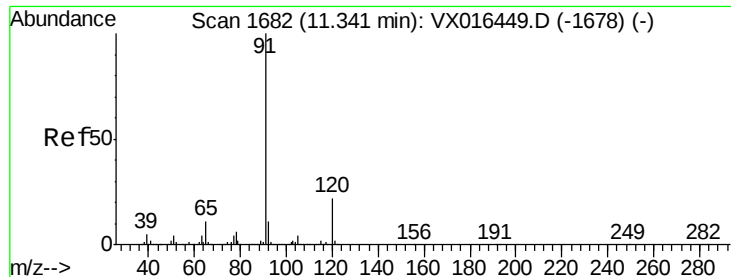
MMDadoda
6/3/2020 9:51:40 AM



#77
Bromobenzene
Concen: 46.978 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion: 156 Resp: 206640
Ion Ratio Lower Upper
156 100
77 158.5 79.6 238.8
158 97.1 48.1 144.4





#78

n-propylbenzene

Concen: 49.317 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 91 Resp: 924043

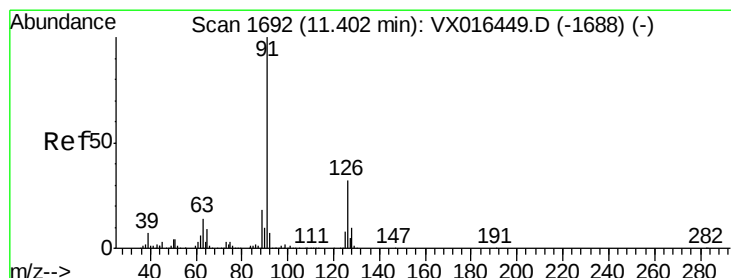
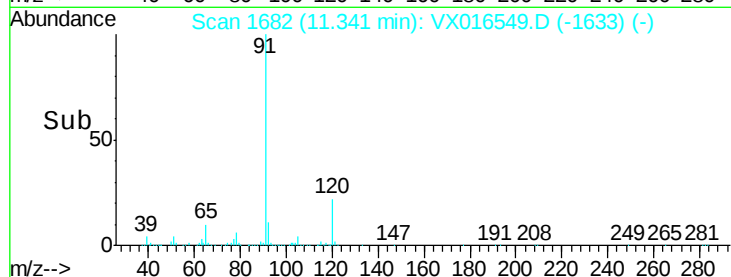
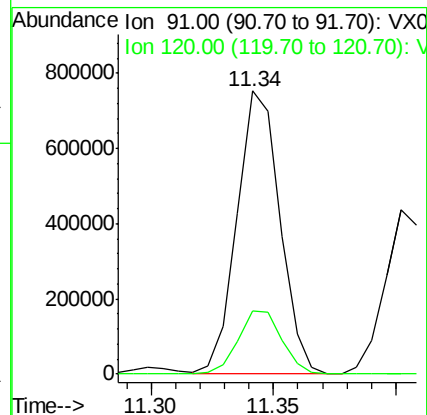
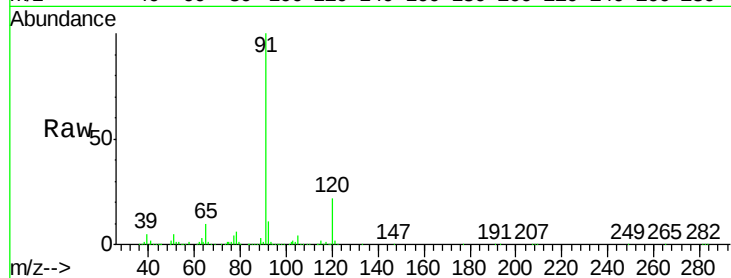
Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.7

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6/3/2020 9:51:40 AM



#79

2-Chlorotoluene

Concen: 47.911 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016549.D

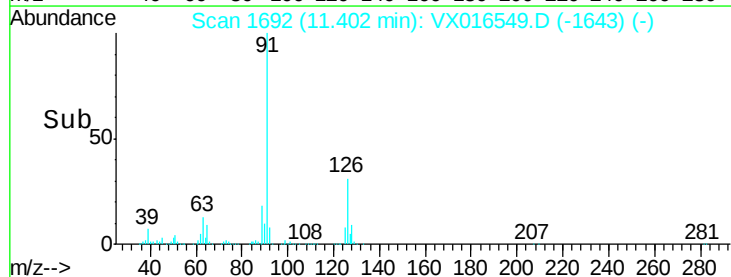
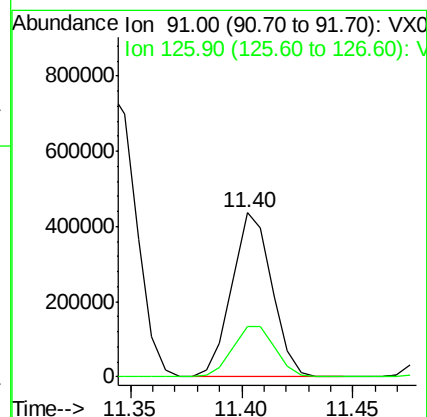
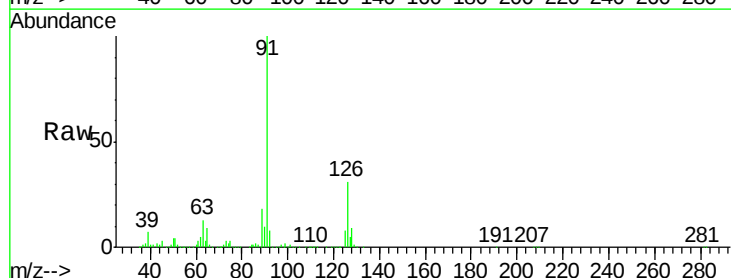
Acq: 02 Jun 2020 12:18

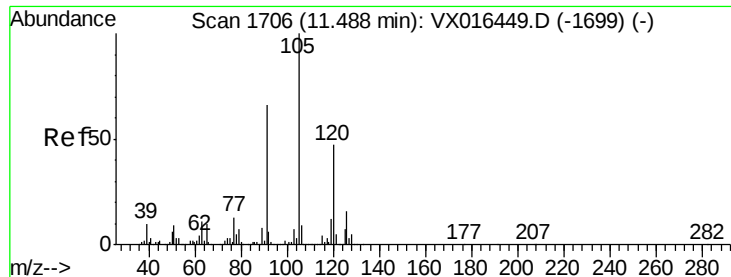
Tgt Ion: 91 Resp: 547951

Ion Ratio Lower Upper

91 100

126 33.0 16.8 50.3





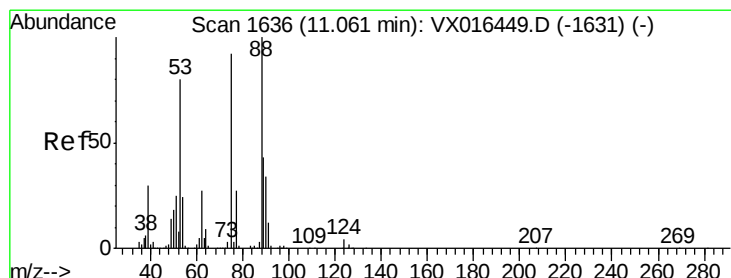
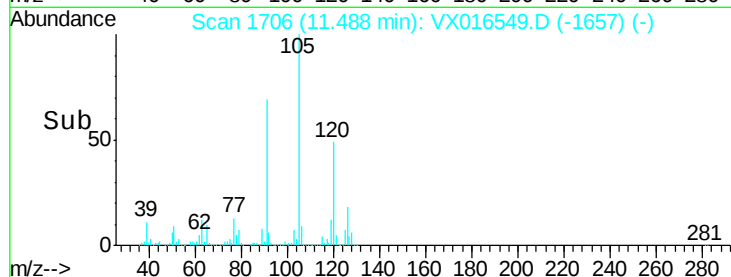
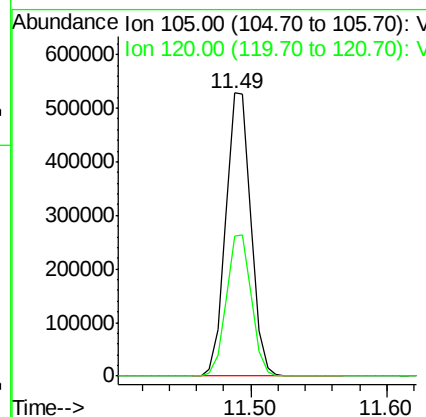
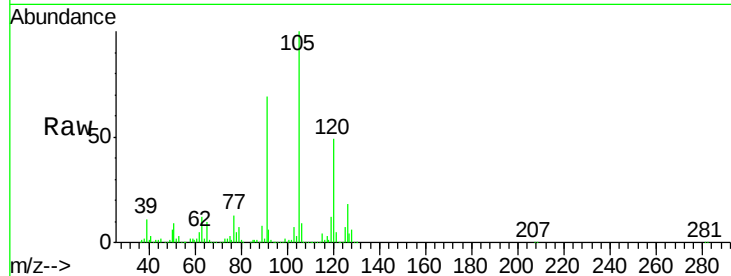
#80
 1,3,5-Trimethylbenzene
 Concen: 47.961 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.3	72.8

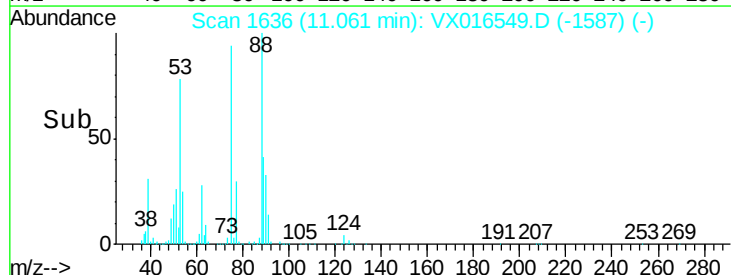
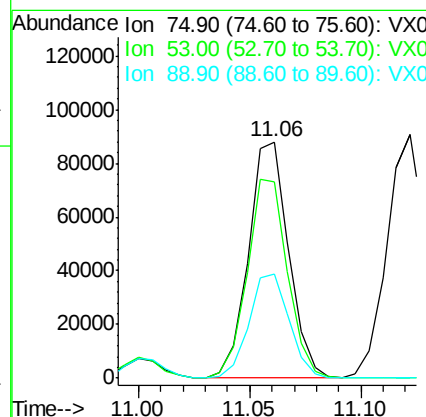
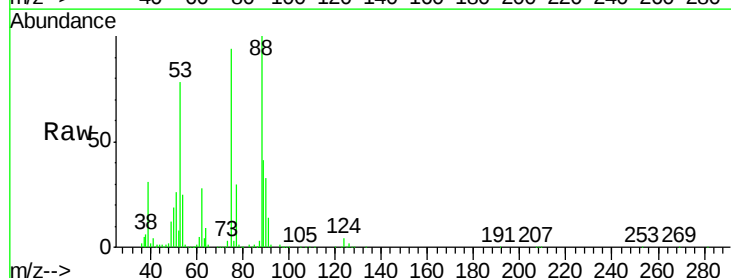
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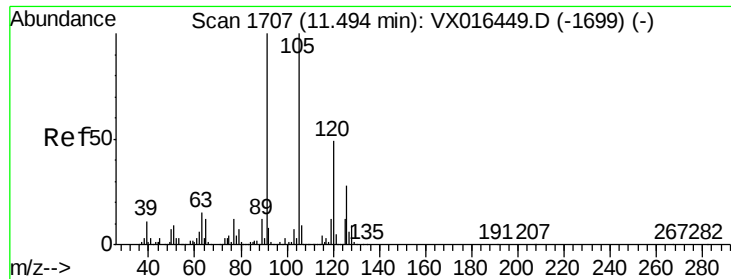
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.035 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.5	71.3	106.9
89	44.6	36.6	55.0





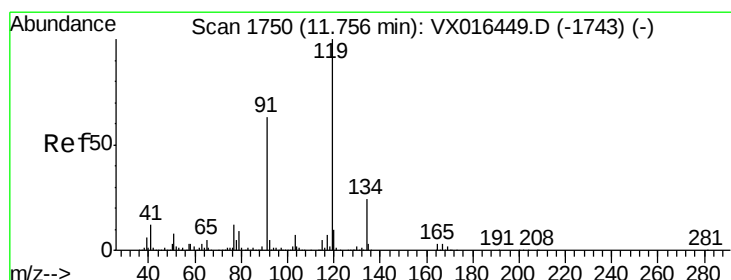
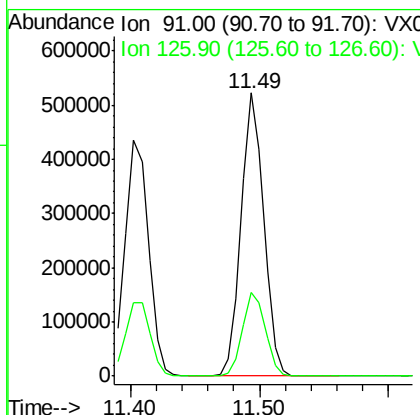
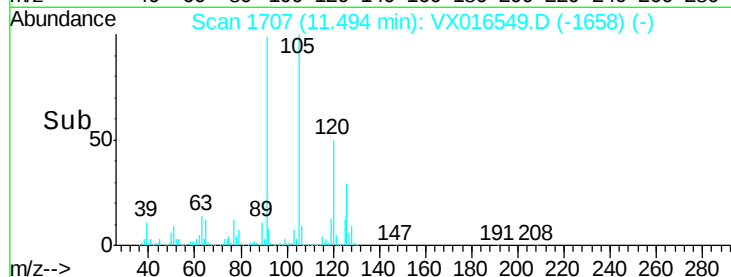
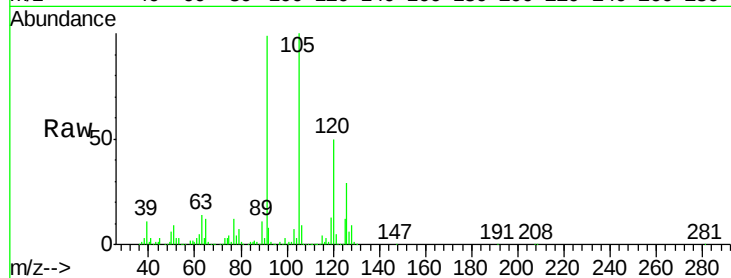
#82
4-Chlorotoluene
Concen: 47.184 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion: 91 Resp: 637249
Ion Ratio Lower Upper
91 100
126 29.7 14.7 44.1

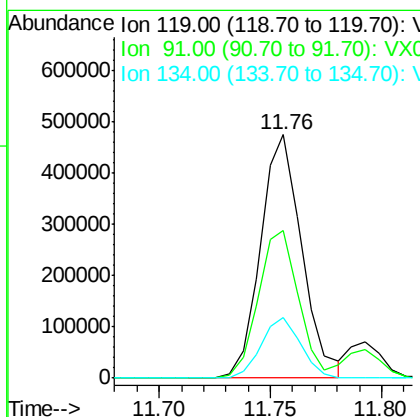
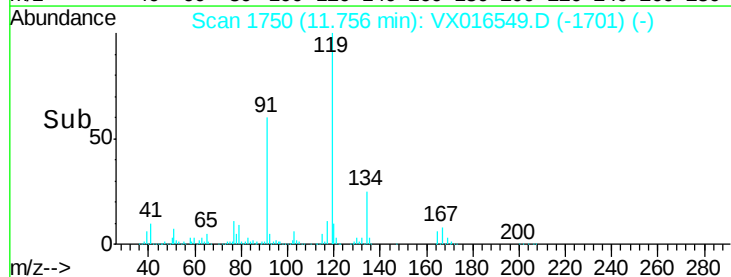
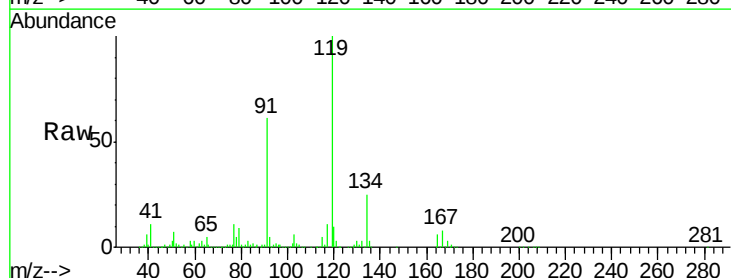
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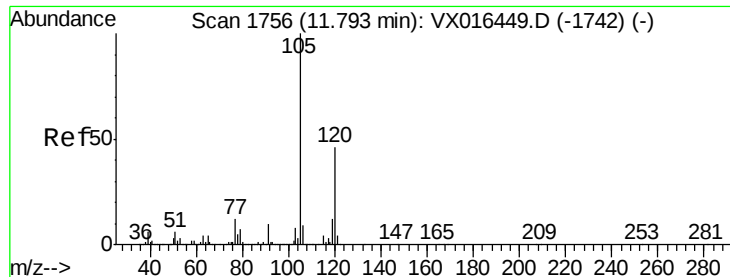
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#83
tert-Butylbenzene
Concen: 51.016 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion: 119 Resp: 610416
Ion Ratio Lower Upper
119 100
91 59.0 31.3 93.8
134 23.5 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 48.193 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion:105 Resp: 682506

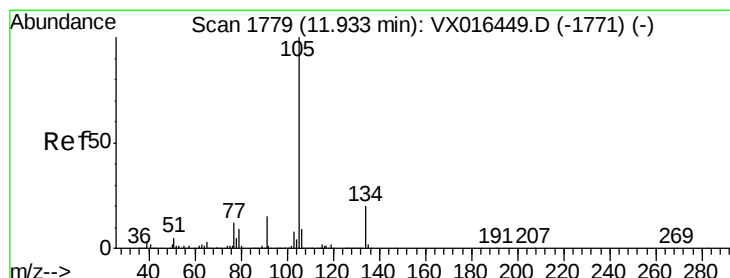
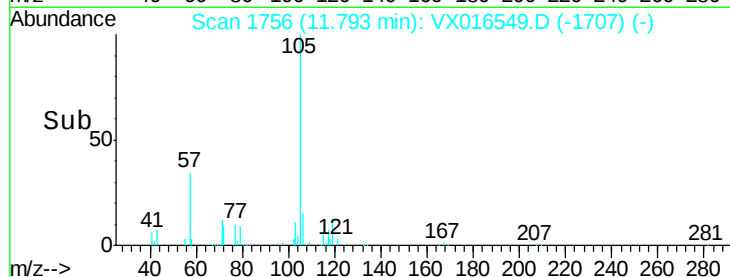
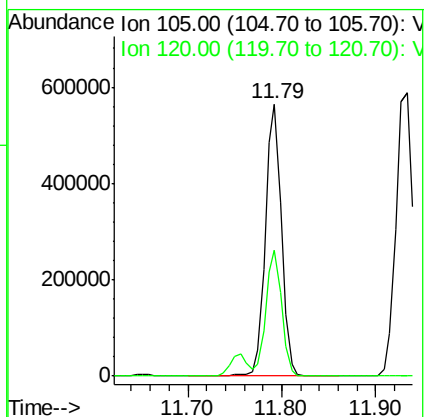
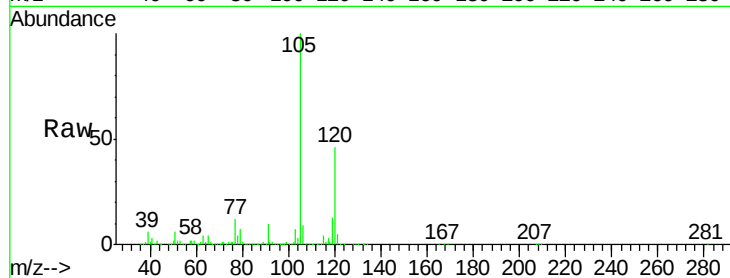
Ion Ratio Lower Upper

105 100

120 45.5 22.6 67.7

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#85

sec-Butylbenzene

Concen: 50.180 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016549.D

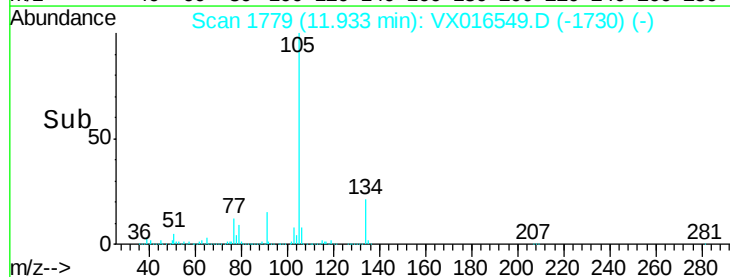
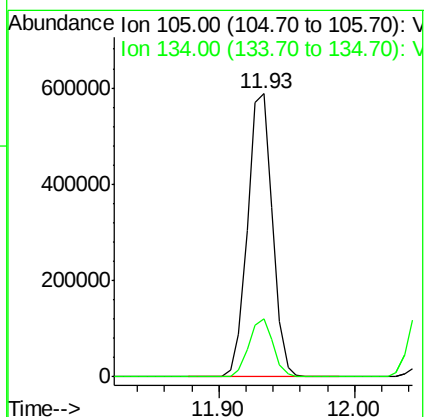
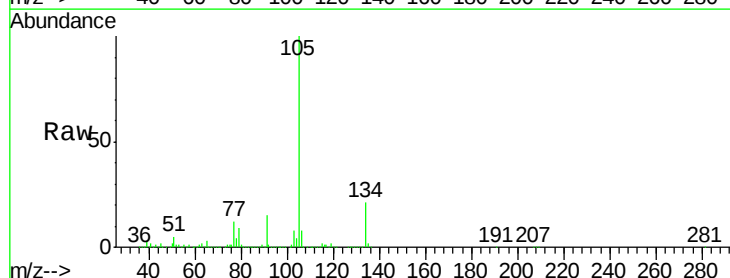
Acq: 02 Jun 2020 12:18

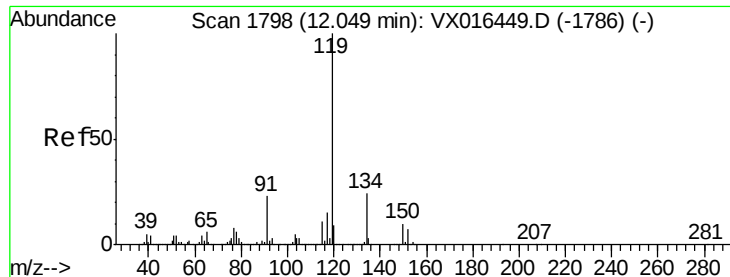
Tgt Ion:105 Resp: 753203

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.3





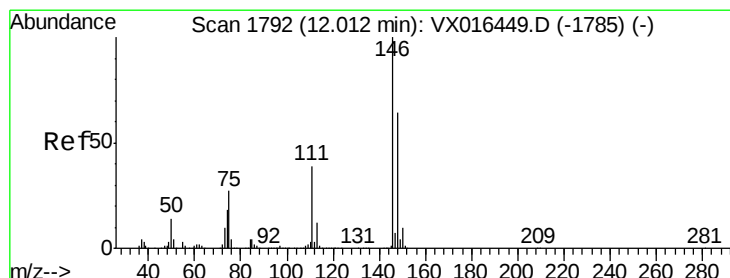
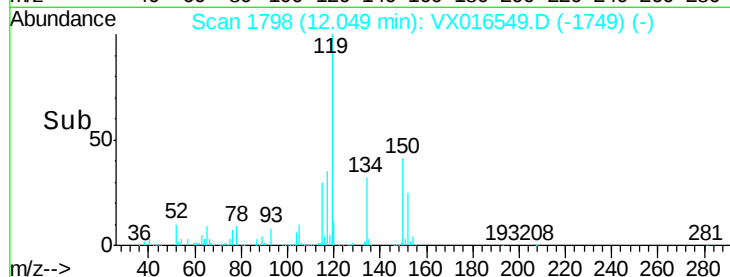
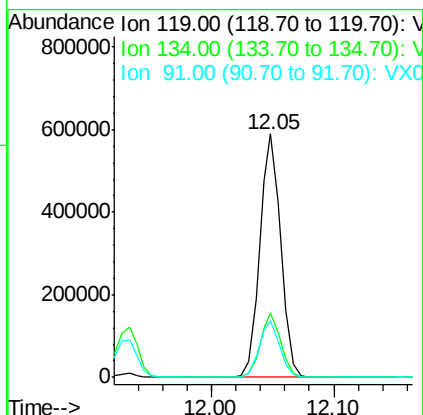
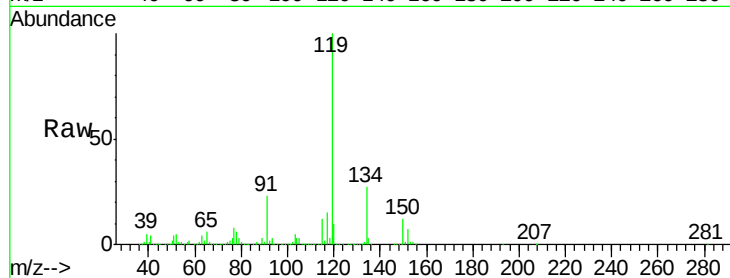
#86
p-Isopropyltoluene
Concen: 50.226 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	23.0	11.7	35.0

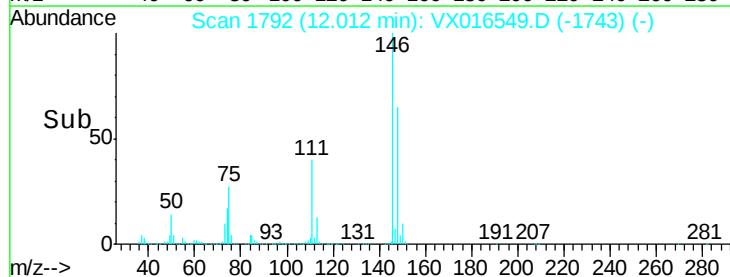
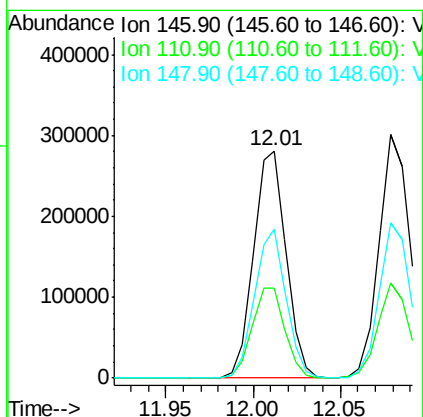
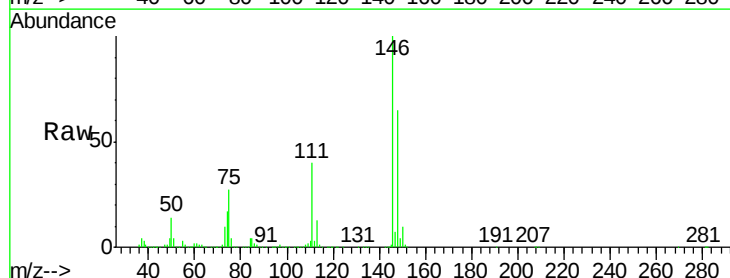
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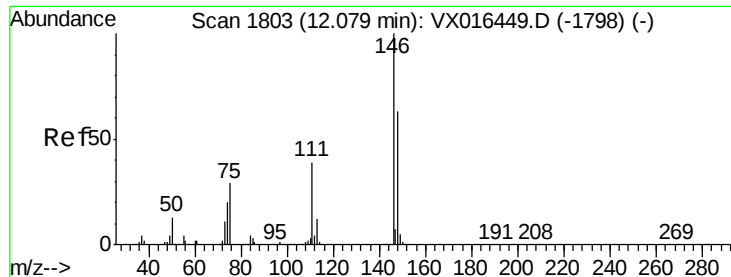
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#87
1,3-Dichlorobenzene
Concen: 47.511 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	63.3	31.9	95.5





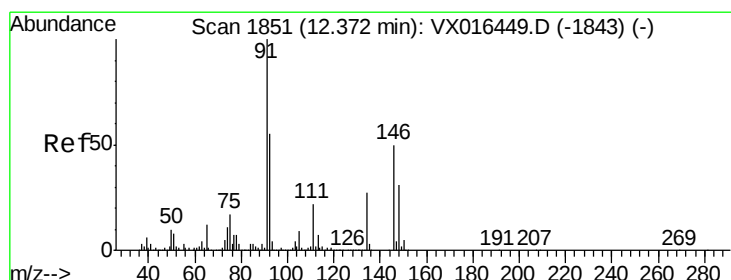
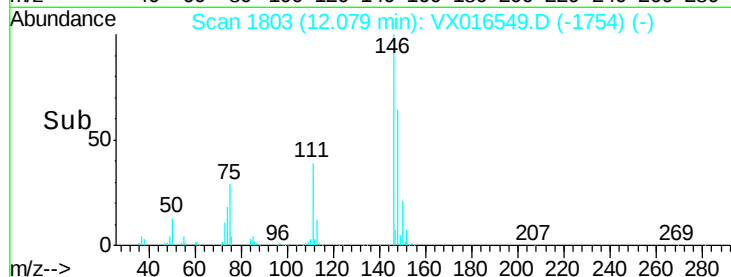
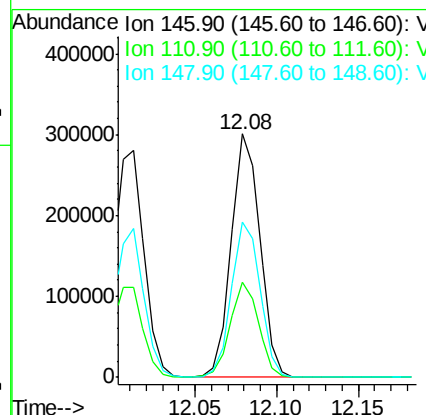
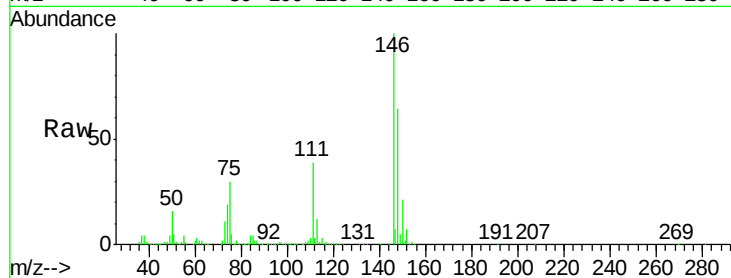
#88
 1,4-Dichlorobenzene
 Concen: 47.158 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	64.0	31.4	94.3

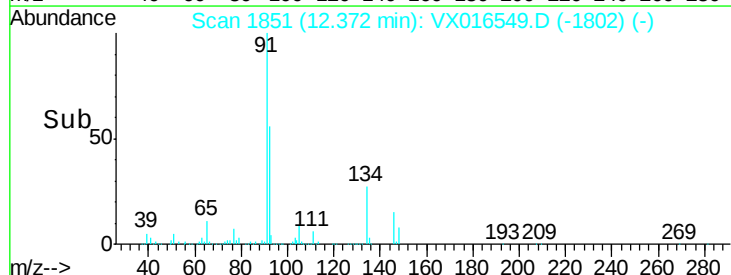
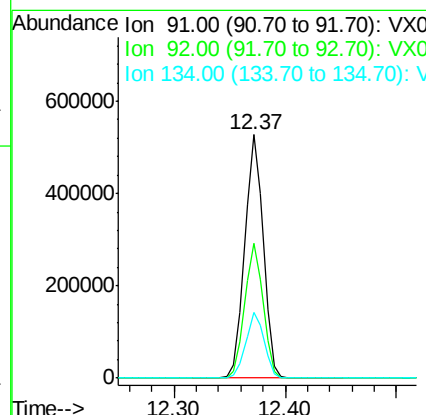
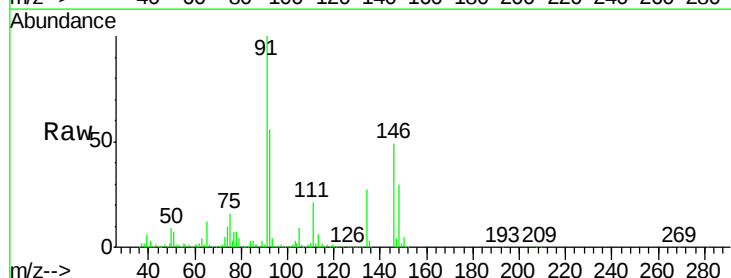
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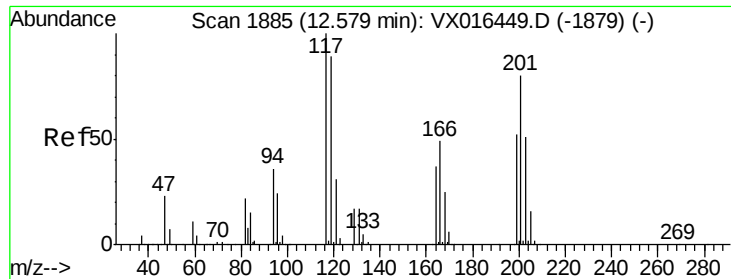
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#89
 n-Butylbenzene
 Concen: 51.871 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.5
134	26.8	13.1	39.3





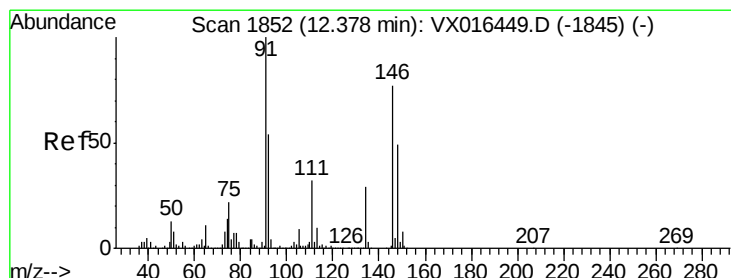
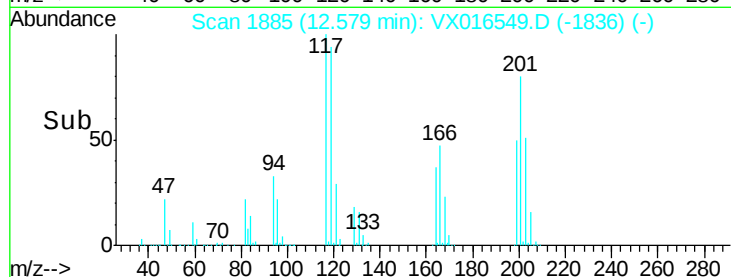
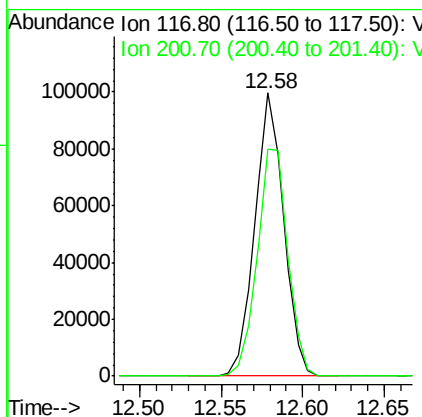
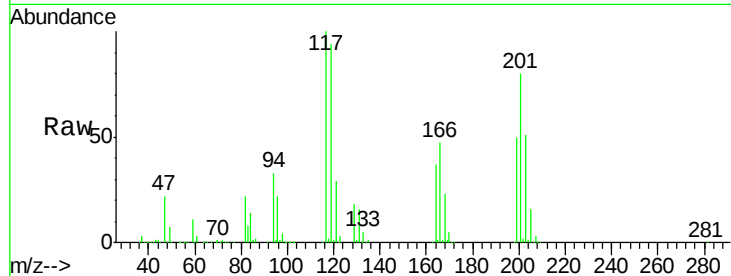
#90
Hexachloroethane
Concen: 50.618 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	85.3	43.1	129.3

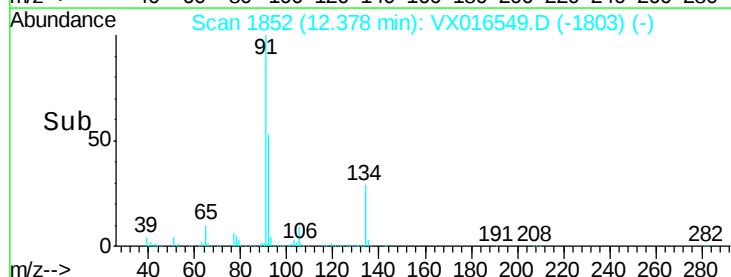
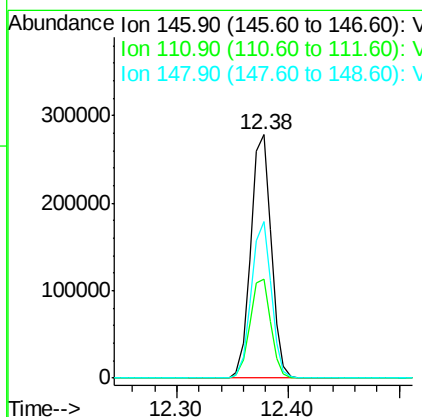
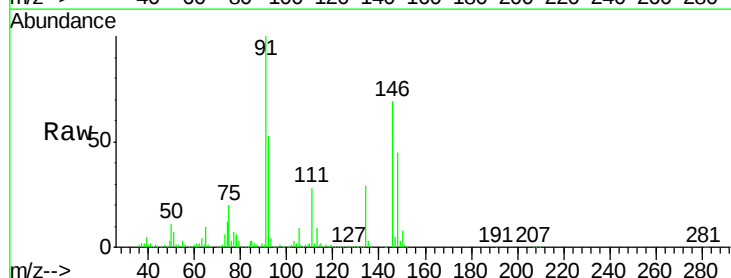
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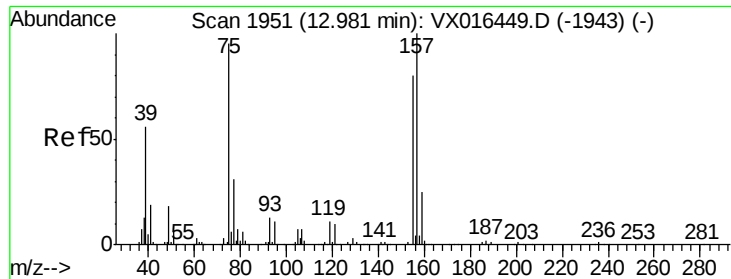
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#91
1,2-Dichlorobenzene
Concen: 47.975 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.4	64.3
148	63.4	31.9	95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.231 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

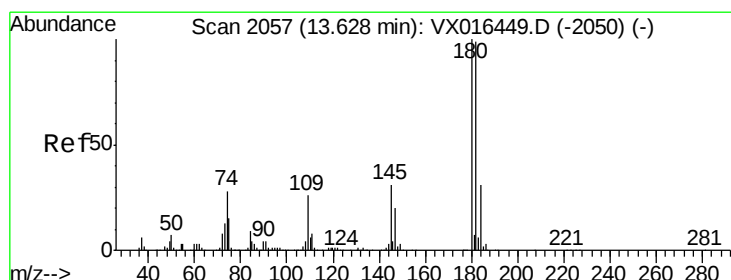
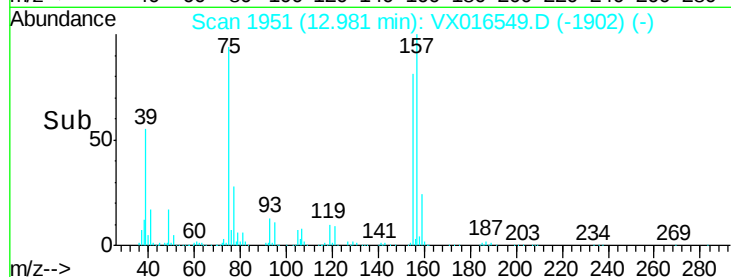
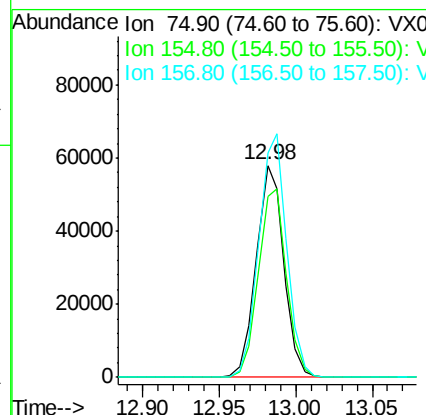
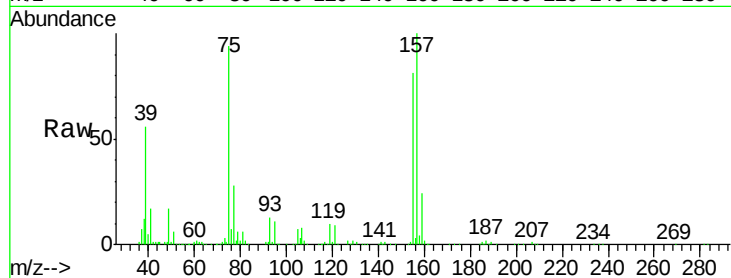
ClientSampleId :

SS050MW641-200528MS

Tot Ion:	75	Resp:	72470
Ion	Ratio	Lower	Upper
75	100		
155	90.9	44.1	132.4
157	116.0	57.8	173.3

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#93

1,2,4-Trichlorobenzene

Concen: 50.943 ug/l

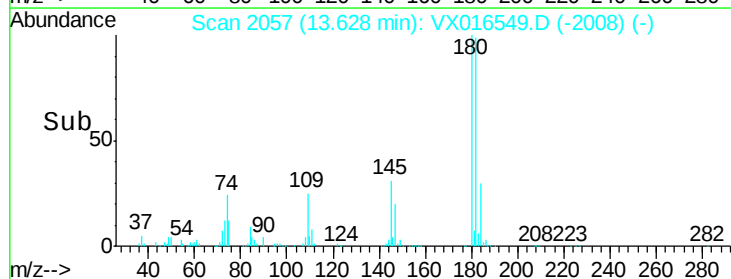
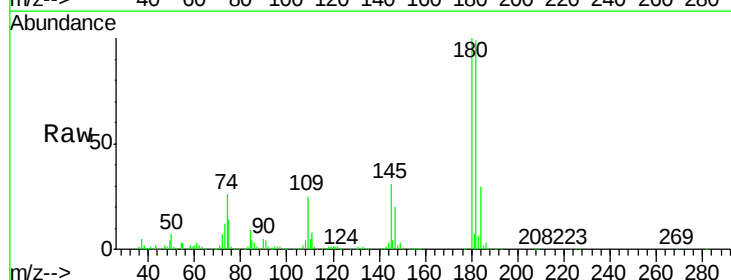
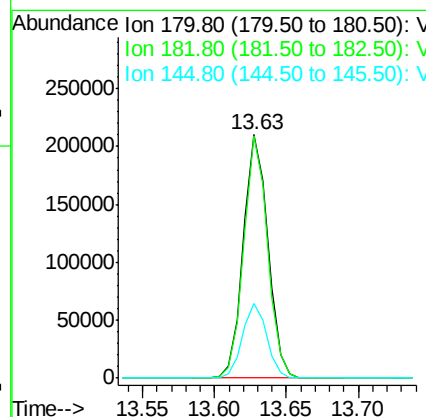
RT: 13.63 min Scan# 2057

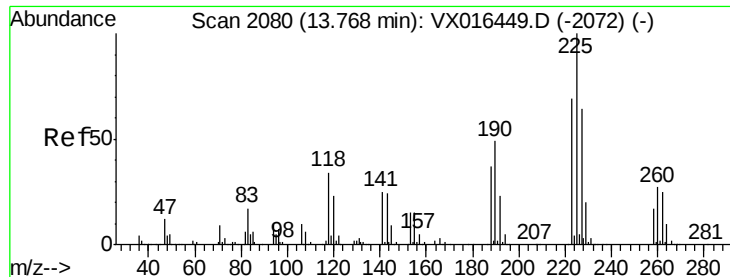
Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion:	180	Resp:	249796
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.8
145	30.5	15.4	46.2





#94

Hexachlorobutadiene

Concen: 52.774 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

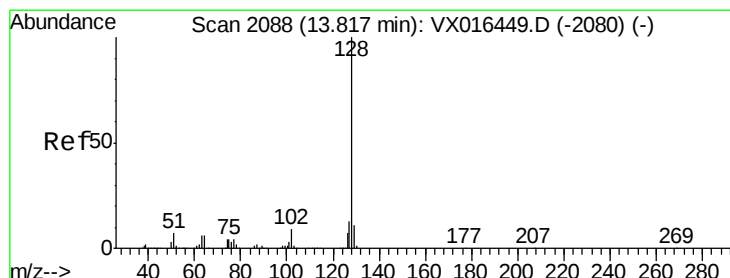
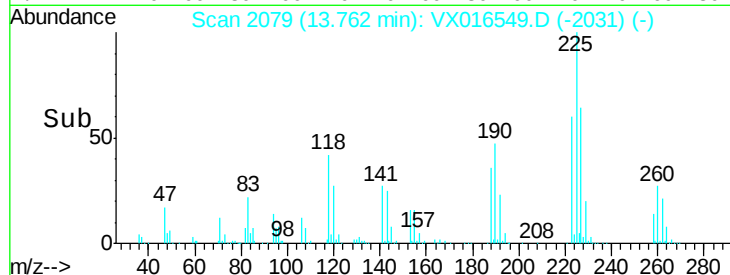
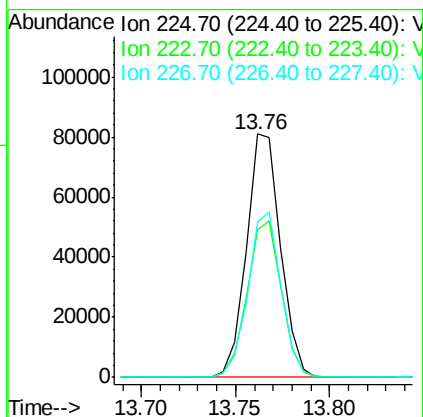
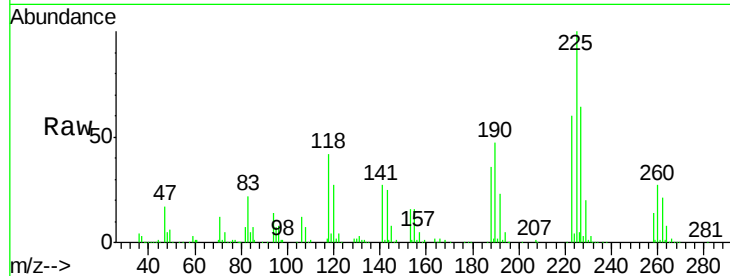
ClientSampleId :

SS050MW641-200528MS

Tot Ion:	225	Resp:	101602
Ion Ratio		Lower	Upper
225	100		
223	64.3	32.3	96.8
227	66.3	31.6	94.7

Manual Integrations
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#95

Naphthalene

Concen: 51.071 ug/l

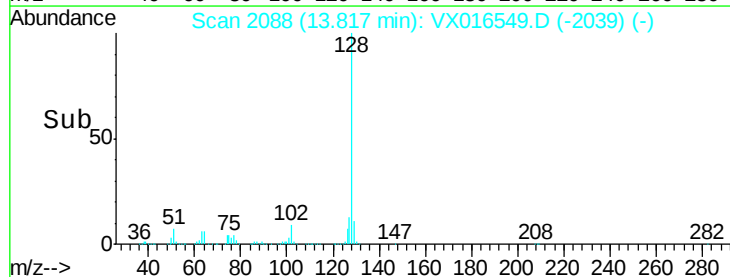
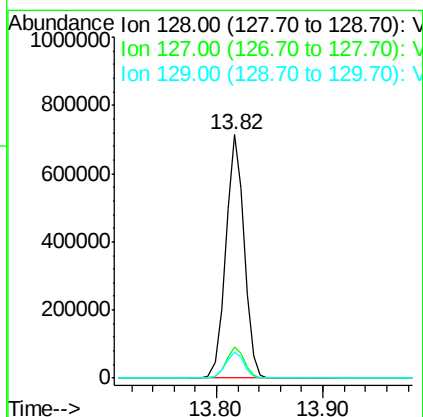
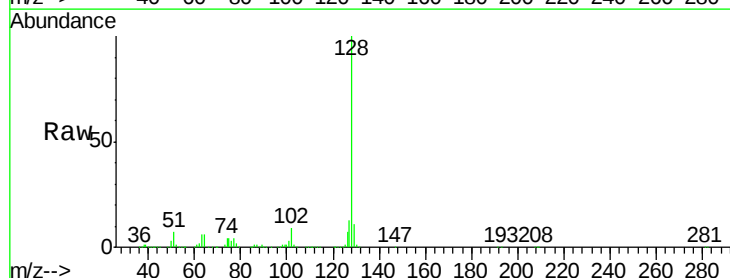
RT: 13.82 min Scan# 2088

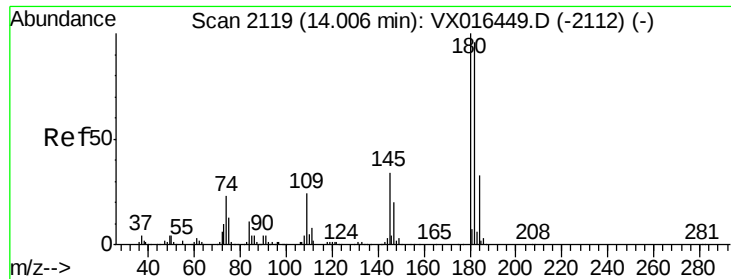
Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion:	128	Resp:	858494
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.8	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 51.474 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	247274		
182	93.5	48.6	145.8	
145	31.9	16.6	49.8	

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:40 AM

