

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016792.D
 Acq On : 16 Jun 2020 20:01
 Operator : JC/SP
 Sample : L2993-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:34:44 AM

Quant Time: Jun 17 06:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	278091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	430438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	156927	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.46	113	130925	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	8.70	98	504140	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.12	95	193321	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	158228	50.362	ug/l	98
3) Chloromethane	1.31	50	145615	47.967	ug/l	98
4) Vinyl Chloride	1.39	62	188657	58.242	ug/l	99
5) Bromomethane	1.62	94	82349	40.935	ug/l	99
6) Chloroethane	1.71	64	104341	52.293	ug/l	99
7) Trichlorofluoromethane	1.92	101	237711	50.953	ug/l	97
8) Diethyl Ether	2.17	74	94268	49.481	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124811	52.584	ug/l	99
10) Methyl Iodide	2.49	142	90740	30.587	ug/l	97
11) Tert butyl alcohol	3.01	59	193846	246.682	ug/l	100
12) 1,1-Dichloroethene	2.36	96	146617	53.943	ug/l	99
13) Acrolein	2.27	56	29471	89.574	ug/l	96
14) Allyl chloride	2.70	41	212544	49.999	ug/l	97
15) Acrylonitrile	3.11	53	410674	257.549	ug/l	99
16) Acetone	2.42	43	363402	256.120	ug/l	97
17) Carbon Disulfide	2.55	76	382638	49.155	ug/l	99
18) Methyl Acetate	2.75	43	194041	51.236	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	837537	90.410	ug/l	98
20) Methylene Chloride	2.83	84	147559	48.281	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	1698751	581.603	ug/l	99
22) Diisopropyl ether	3.82	45	404255	50.628	ug/l	91
23) Vinyl Acetate	3.78	43	1041046	150.842	ug/l	100
24) 1,1-Dichloroethane	3.67	63	247495	49.557	ug/l	99
25) 2-Butanone	4.64	43	546856	255.733	ug/l	98
26) 2,2-Dichloropropane	4.55	77	189919	41.069	ug/l #	63
27) cis-1,2-Dichloroethene	4.56	96	967693	289.869	ug/l	91
28) Bromochloromethane	4.98	49	103560	48.610	ug/l	99
29) Tetrahydrofuran	5.09	42	355216	256.423	ug/l	100
30) Chloroform	5.18	83	281712	53.318	ug/l	99
31) Cyclohexane	5.55	56	207450	51.563	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	237821	49.604	ug/l	100
36) 1,1-Dichloropropene	5.77	75	192757	50.674	ug/l	100
37) Ethyl Acetate	4.79	43	203953	48.960	ug/l #	79
38) Carbon Tetrachloride	5.75	117	213441	49.407	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	210611	47.790	ug/l	98
40) Benzene	6.11	78	588230	50.790	ug/l	97
41) Methacrylonitrile	5.01	41	113206	50.967	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1325537	313.583	ug/l	98
43) Isopropyl Acetate	6.41	43	326056	49.941	ug/l	99
44) Trichloroethene	7.20	130	11922901	3328.122	ug/l	96
45) 1,2-Dichloropropane	7.49	63	151942	53.518	ug/l	100
46) Dibromomethane	7.64	93	100782	48.705	ug/l	99
47) Bromodichloromethane	7.88	83	208447	48.319	ug/l	100
48) Methyl methacrylate	7.74	41	162462	52.502	ug/l	97
49) 1,4-Dioxane	7.71	88	74180	968.684	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1038559	258.147	ug/l	100
52) Toluene	8.76	92	376527	50.051	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	235833	48.401	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	244093	48.026	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	181649	60.041	ug/l	97
56) Ethyl methacrylate	9.16	69	241484	53.311	ug/l	99
57) 1,3-Dichloropropane	9.35	76	253440	49.835	ug/l	100
59) 2-Hexanone	9.48	43	804396	259.005	ug/l	99
60) Dibromochloromethane	9.57	129	180597	50.508	ug/l	100
61) 1,2-Dibromoethane	9.65	107	162993	49.434	ug/l	96
64) Tetrachloroethene	9.32	164	188653	47.594	ug/l	97
65) Chlorobenzene	10.12	112	411628	49.145	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	161765	48.413	ug/l	98
67) Ethyl Benzene	10.24	91	717306	50.659	ug/l	98
68) m/p-Xylenes	10.34	106	546824	101.855	ug/l	100
69) o-Xylene	10.68	106	257182	49.725	ug/l	98
70) Styrene	10.70	104	135865	15.196	ug/l #	78
71) Bromoform	10.84	173	143249	50.247	ug/l #	99
73) Isopropylbenzene	11.00	105	695757	49.828	ug/l	100
74) N-amyl acetate	10.88	43	273694	50.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200179	48.736	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	214252m	47.876	ug/l	
77) Bromobenzene	11.24	156	190339	48.278	ug/l	99
78) n-propylbenzene	11.34	91	765026	50.450	ug/l	99
79) 2-Chlorotoluene	11.40	91	463914	48.380	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	584825	49.963	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	81148	45.650	ug/l	96
82) 4-Chlorotoluene	11.49	91	548976	48.911	ug/l	100
83) tert-Butylbenzene	11.76	119	540253	50.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	593553	50.128	ug/l	100
85) sec-Butylbenzene	11.93	105	637067	50.851	ug/l	99
86) p-Isopropyltoluene	12.05	119	608183	50.595	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	324094	48.624	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	327893	47.437	ug/l	100
89) n-Butylbenzene	12.37	91	494594	49.842	ug/l	99
90) Hexachloroethane	12.58	117	104789	47.273	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	313429	47.022	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55123	47.990	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	224776	48.154	ug/l	96

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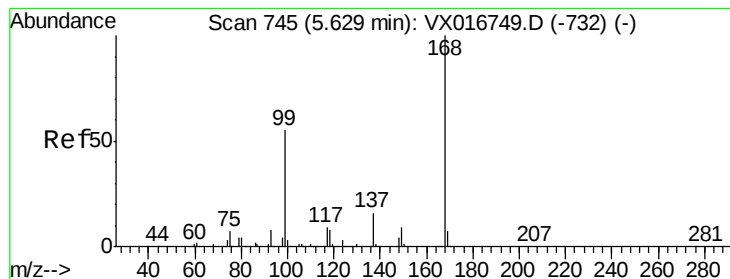
Manual Integrations
APPROVED

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Quant Time: Jun 17 06:34:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	92695	45.168	ug/l	98
95) Naphthalene	13.82	128	734159	50.204	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	221874	48.293	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion:168 Resp: 278091

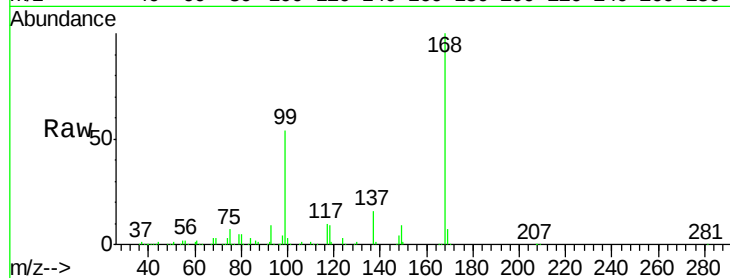
Ion Ratio Lower Upper

168 100

99 54.0 43.8 65.6

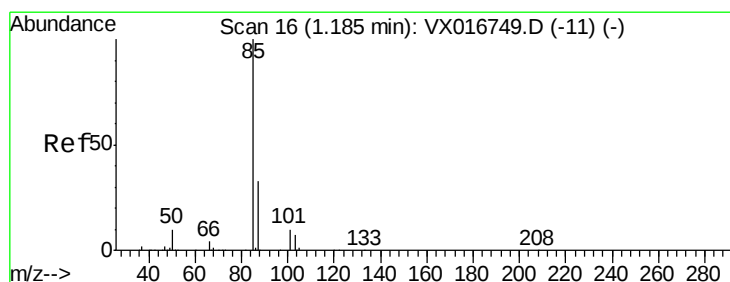
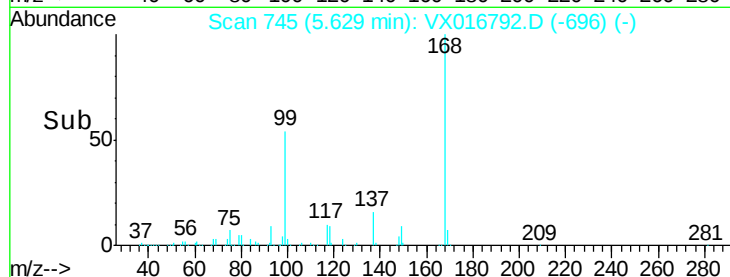
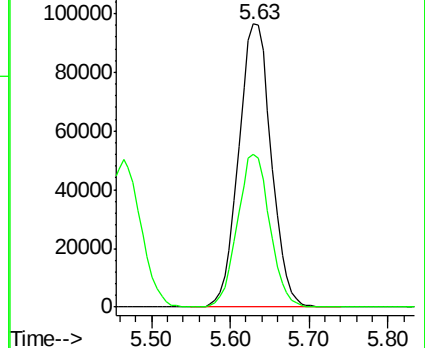
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.362 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016792.D

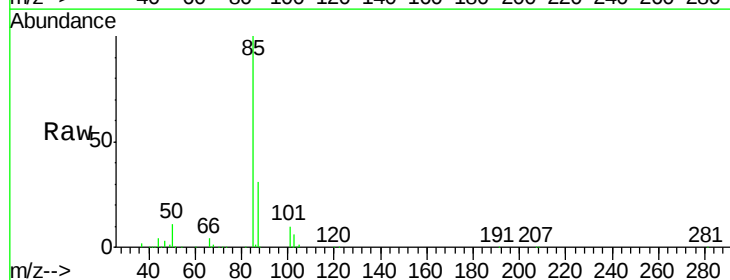
Acq: 16 Jun 2020 20:01

Tgt Ion: 85 Resp: 158228

Ion Ratio Lower Upper

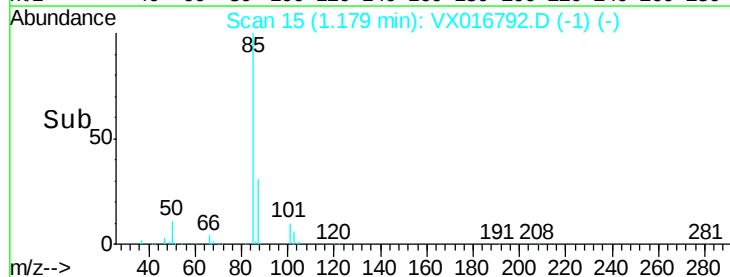
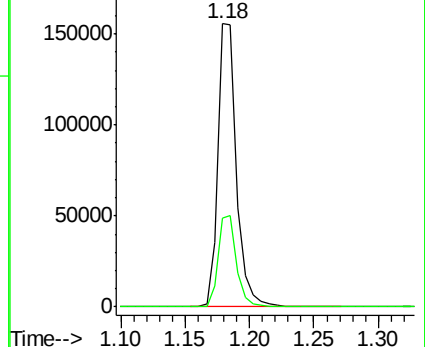
85 100

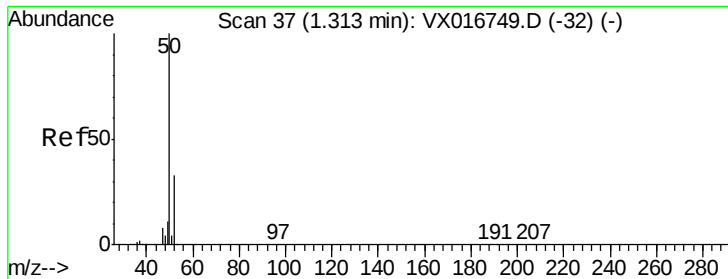
87 31.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.967 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 50 Resp: 145615

Ion Ratio Lower Upper

50 100

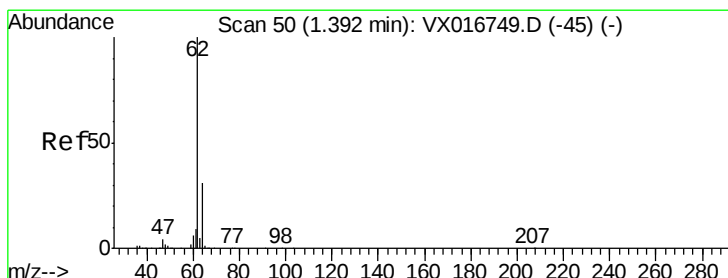
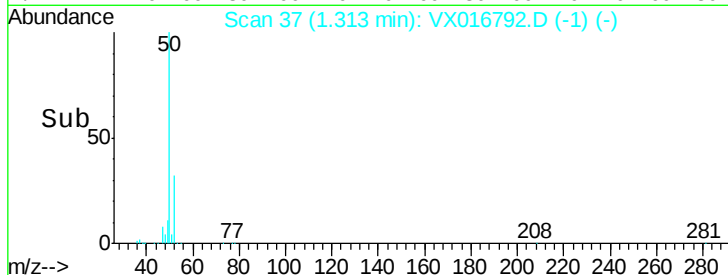
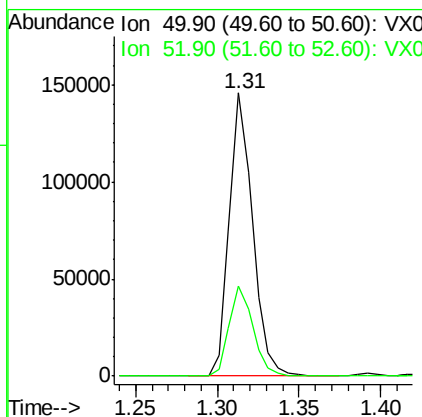
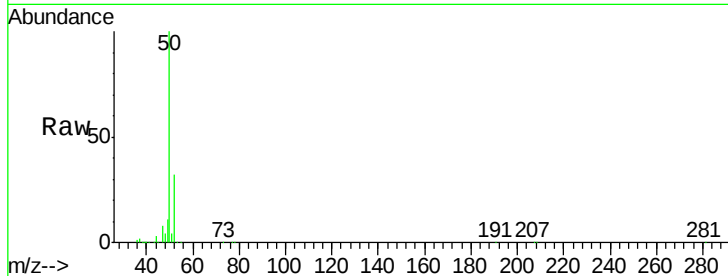
52 31.8 26.5 39.7

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#4

Vinyl Chloride

Concen: 58.242 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016792.D

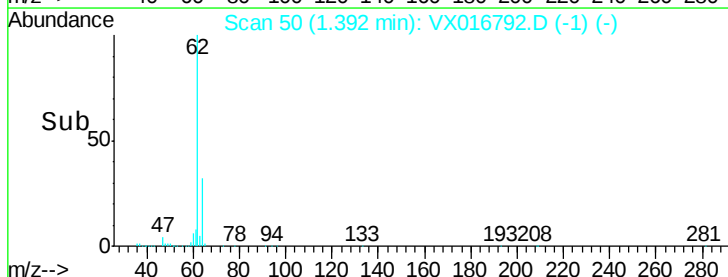
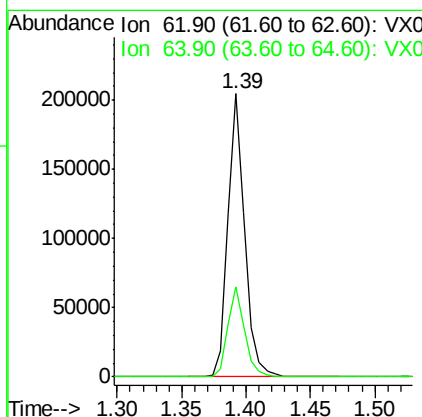
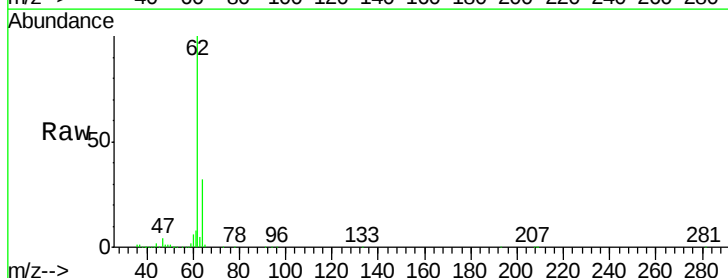
Acq: 16 Jun 2020 20:01

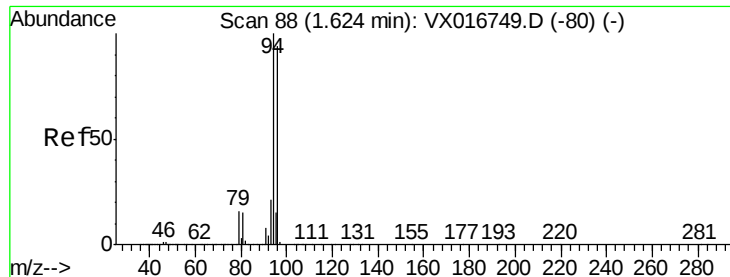
Tgt Ion: 62 Resp: 188657

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 40.935 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 82349

Ion Ratio Lower Upper

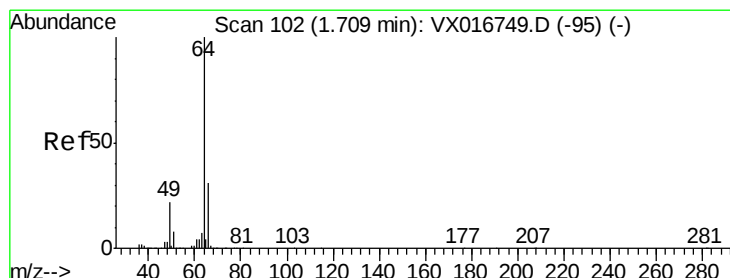
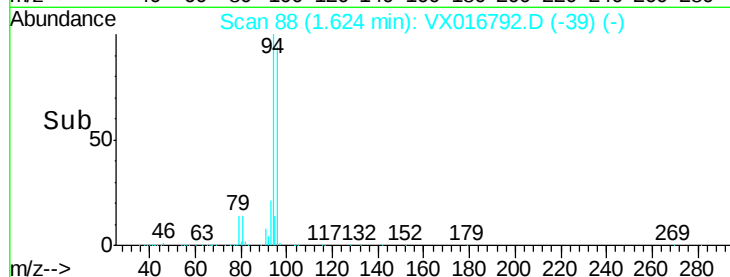
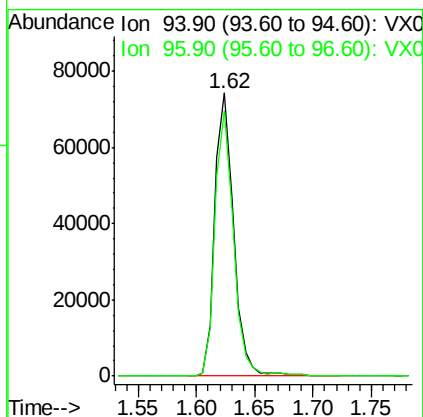
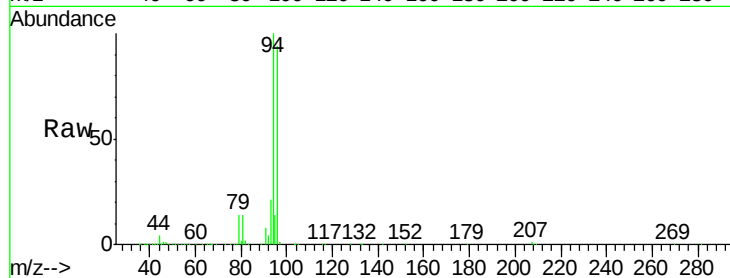
94 100

96 93.7 75.4 113.0

Manual Integrations
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#6

Chloroethane

Concen: 52.293 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016792.D

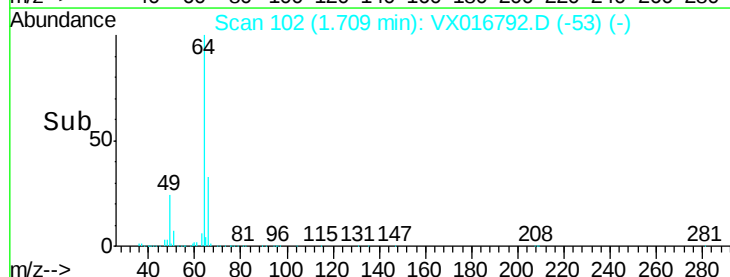
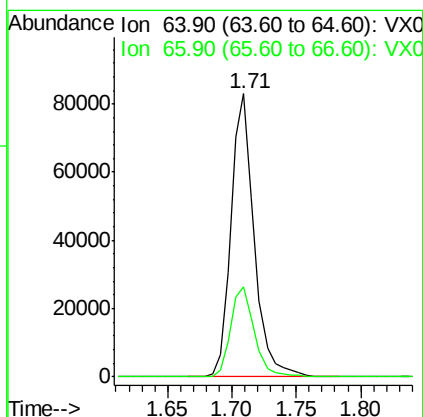
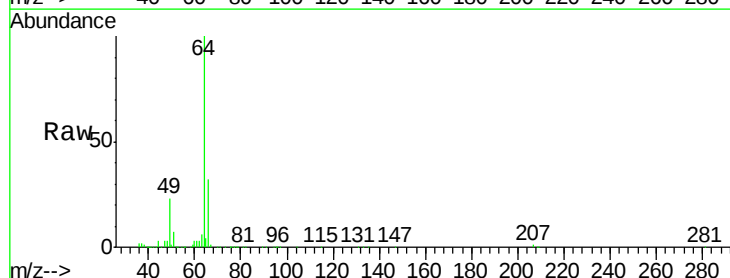
Acq: 16 Jun 2020 20:01

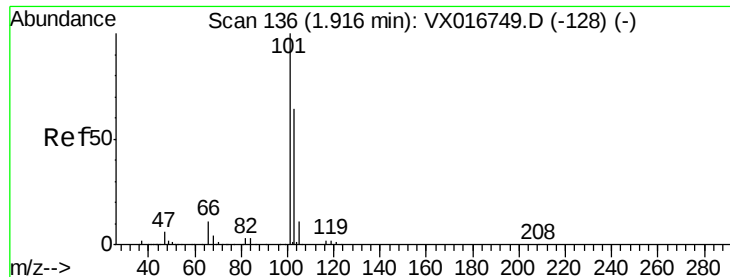
Tgt Ion: 64 Resp: 104341

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.6





#7

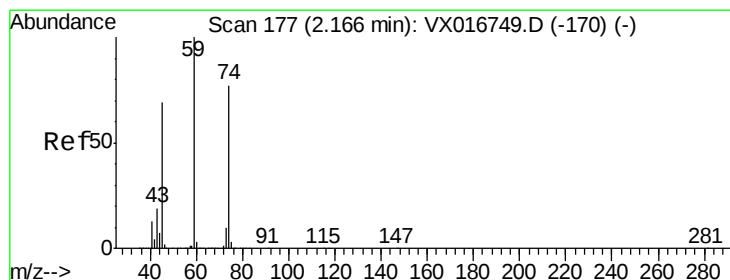
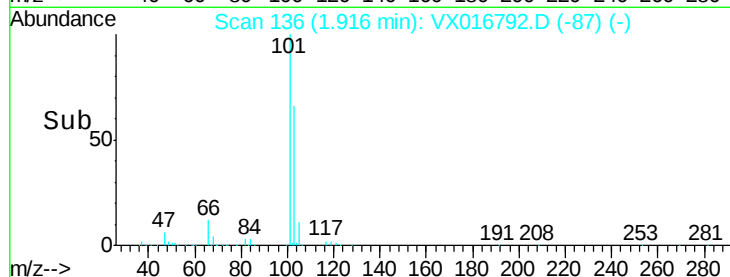
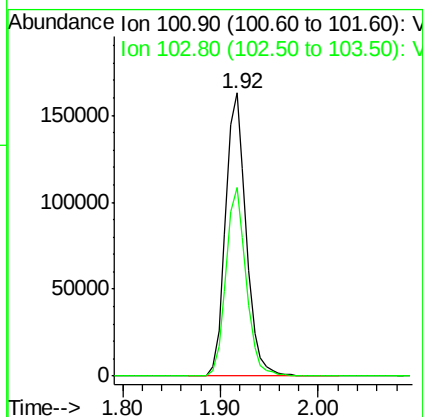
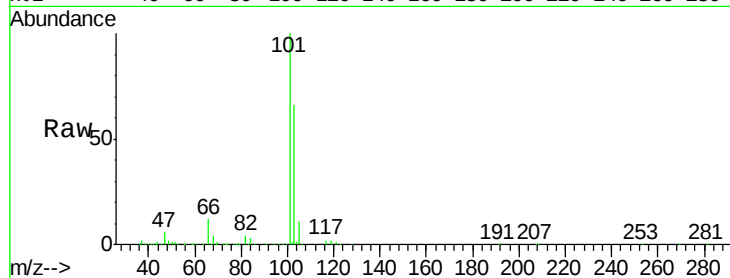
Trichlorofluoromethane
Concen: 50.953 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.3	76.9

Manual Integrations
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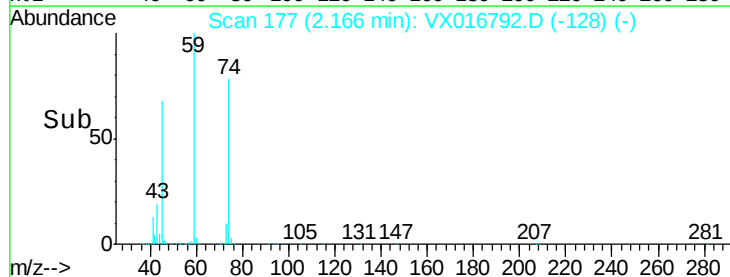
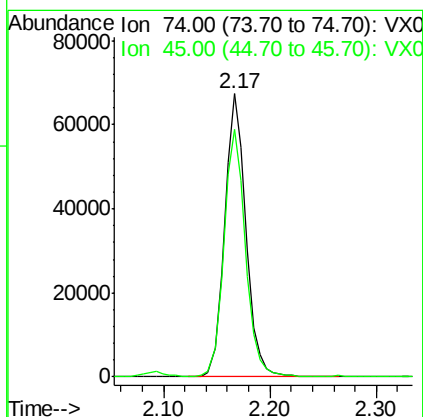
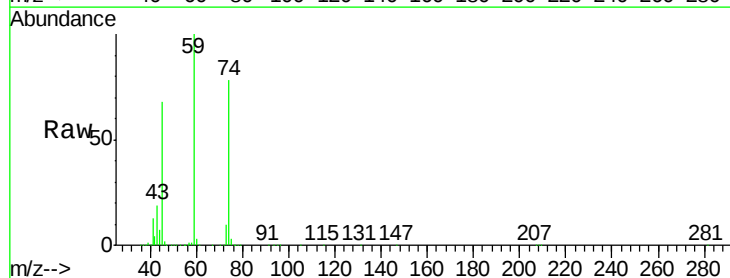
MMDadoda
6/17/2020 9:34:44 AM

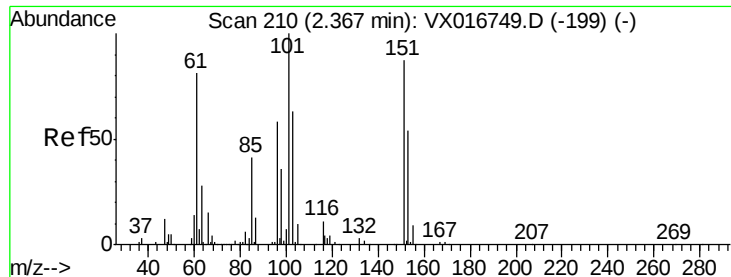


#8

Diethyl Ether
Concen: 49.481 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.9	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.584 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

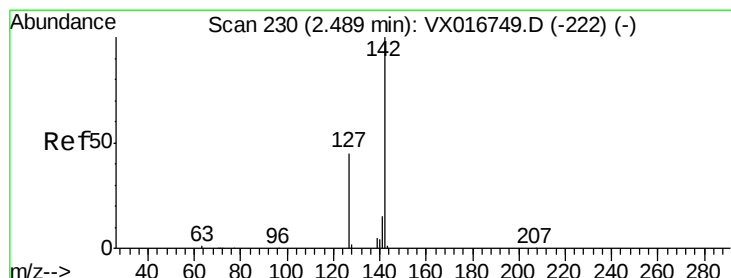
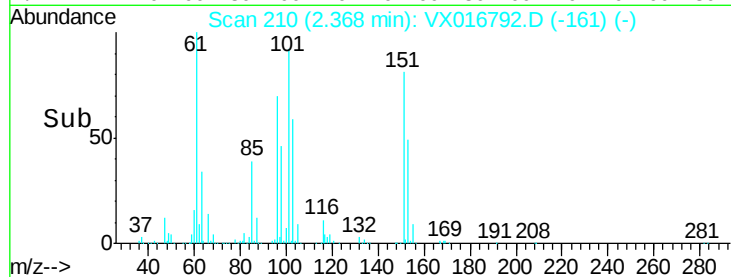
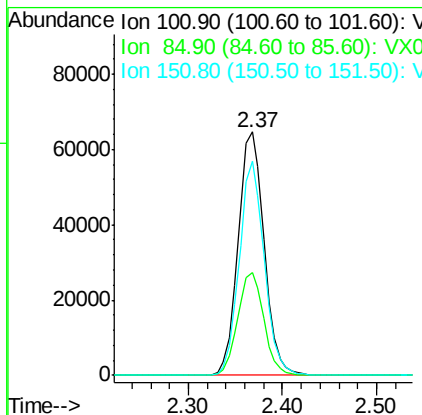
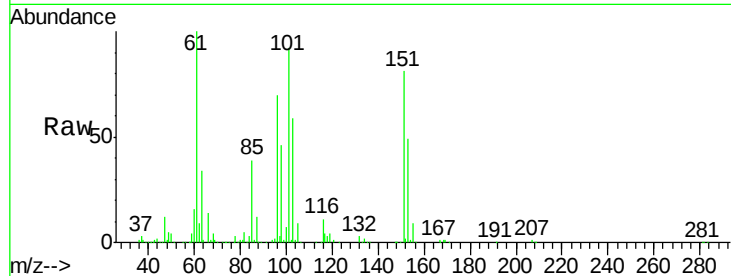
ClientSampleId :

SS043MW014-200610MS

Tot Ion:	101	Resp:	124811
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.0	51.0
151	84.4	68.7	103.1

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#10

Methyl Iodide

Concen: 30.587 ug/l

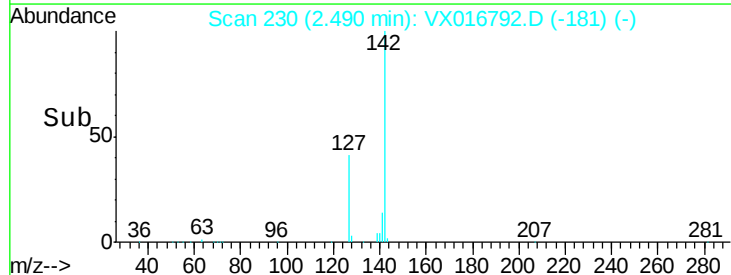
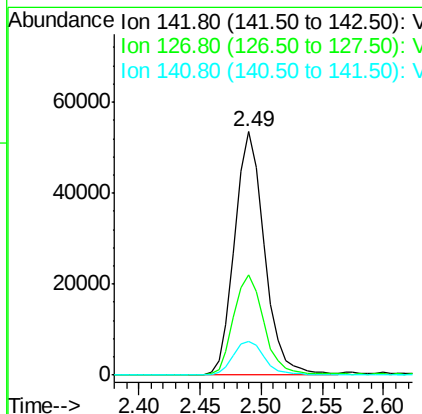
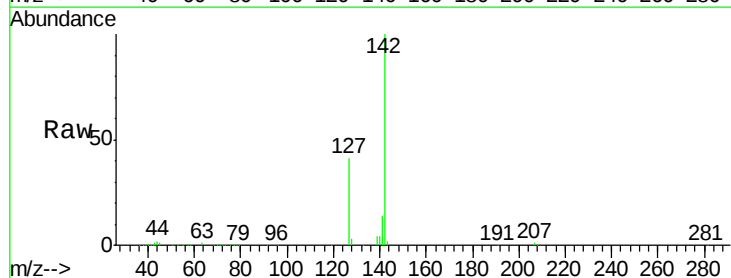
RT: 2.49 min Scan# 230

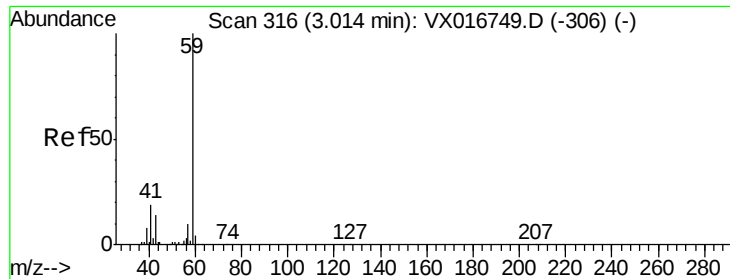
Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tgt Ion:	142	Resp:	90740
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.4	53.2
141	14.6	11.7	17.5





#11

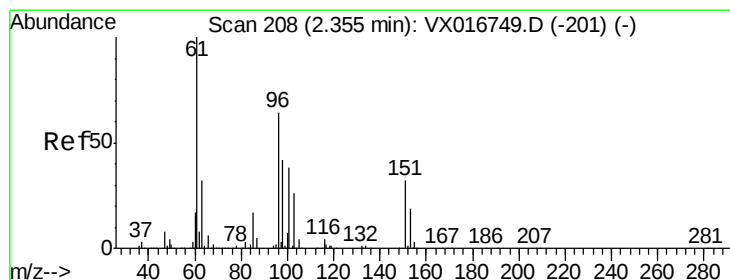
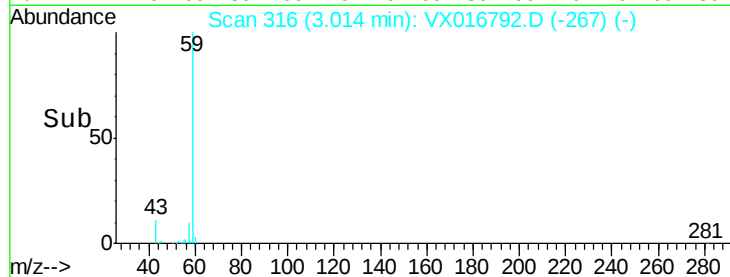
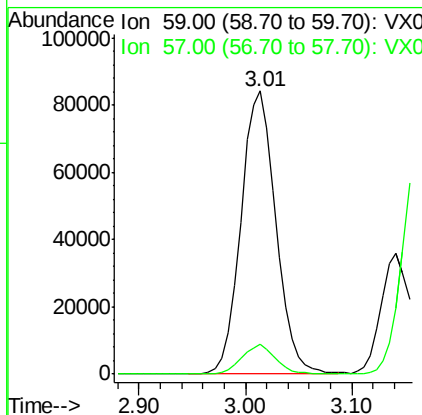
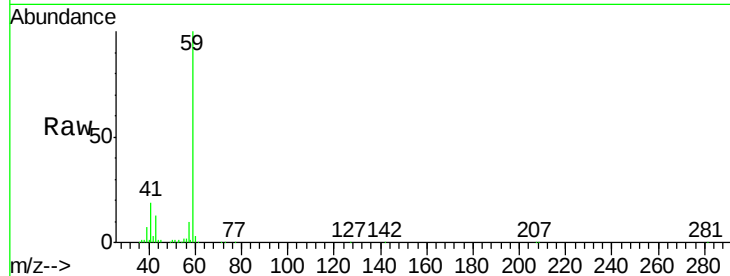
Tert butyl alcohol
 Concen: 246.682 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	193846		
57	57	10.0		8.2	12.2

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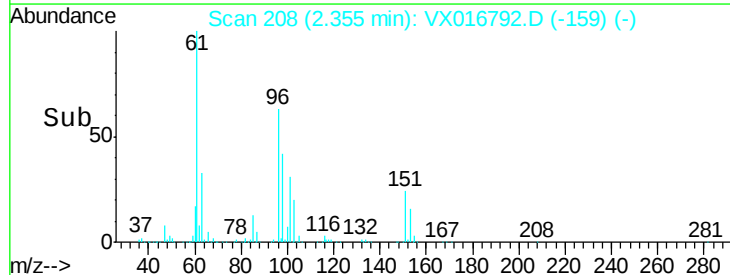
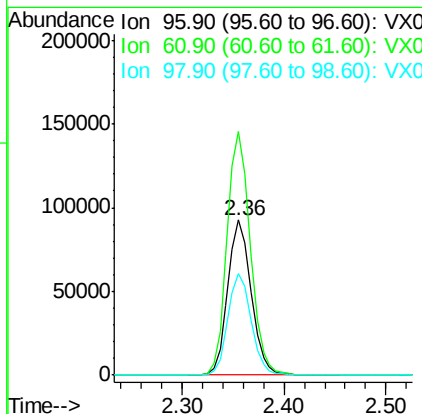
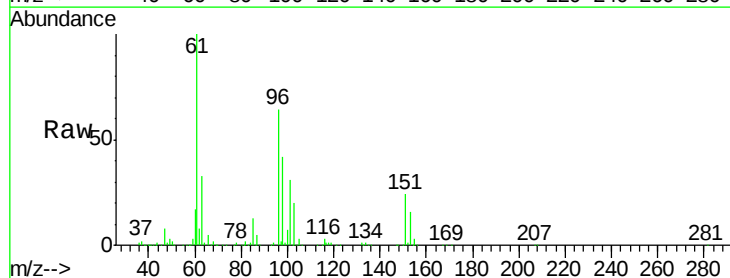
MMDadoda
 6/17/2020 9:34:44 AM

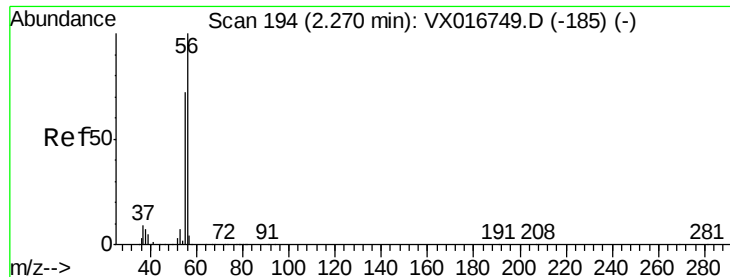


#12

1,1-Dichloroethene
 Concen: 53.943 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	146617		
61	61	157.4		124.1	186.1
98	98	66.1		52.7	79.1





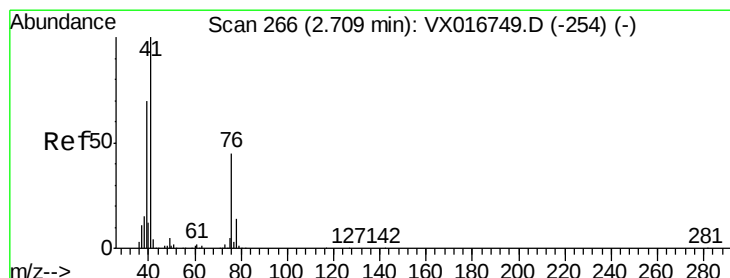
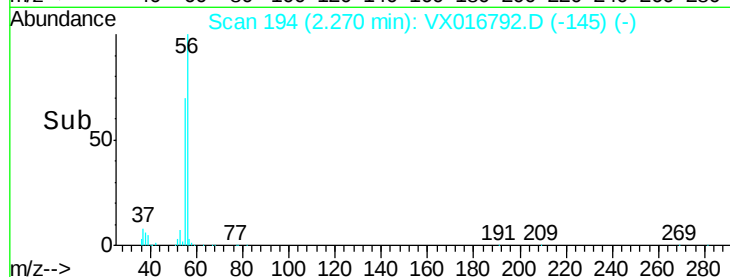
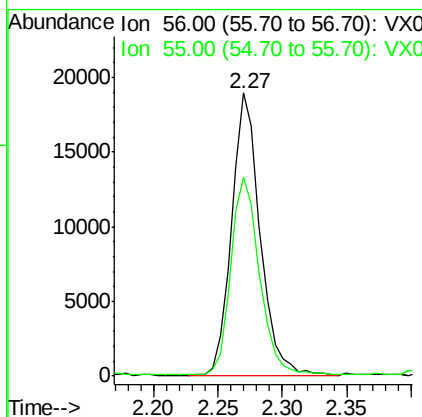
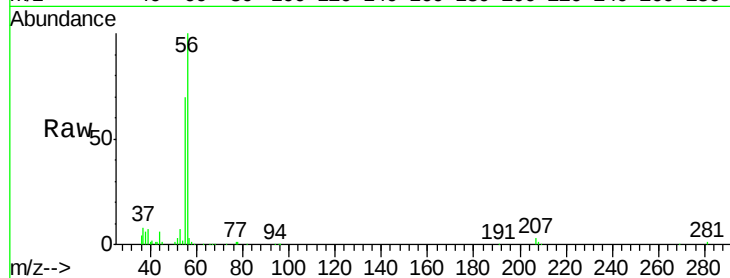
#13
Acrolein
Concen: 89.574 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	56	Resp	29471
Ion Ratio	100	Lower	Upper
55	69.7	58.2	87.4

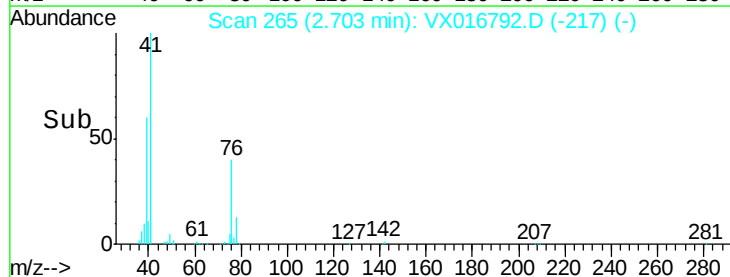
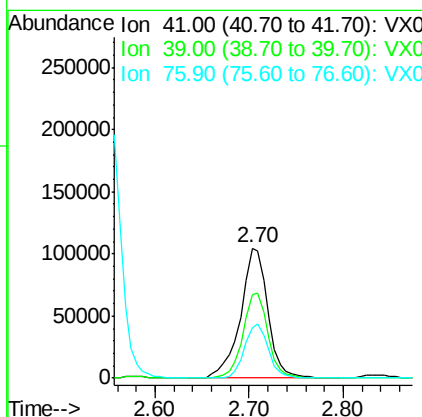
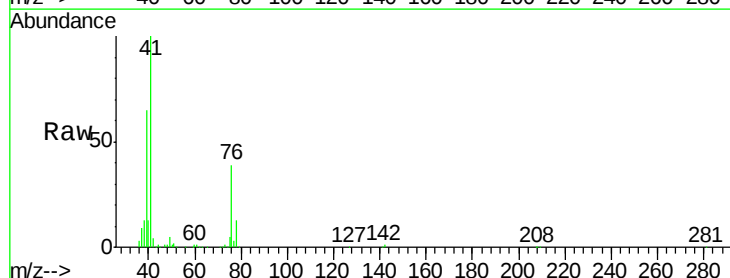
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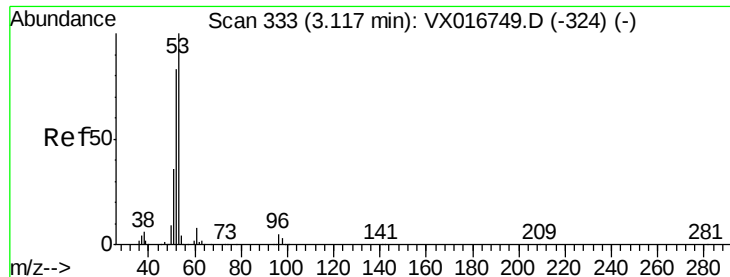
MMDadoda
6/17/2020 9:34:44 AM



#14
Allyl chloride
Concen: 49.999 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	41	Resp	212544
Ion Ratio	100	Lower	Upper
39	59.8	50.2	75.4
76	36.4	30.4	45.6





#15

Acrylonitrile

Concen: 257.549 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

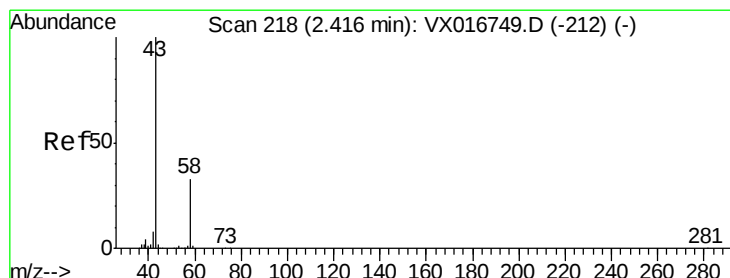
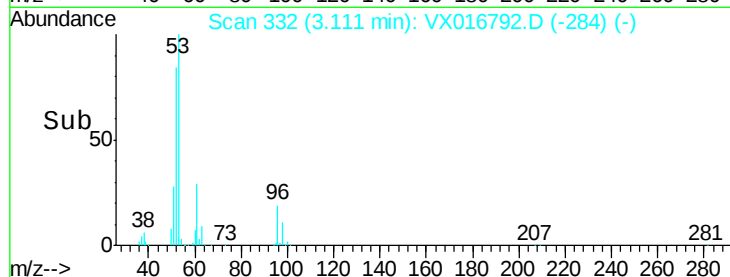
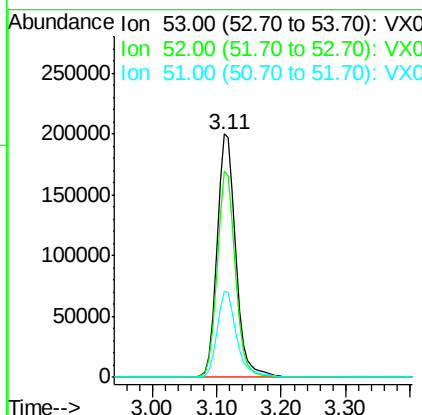
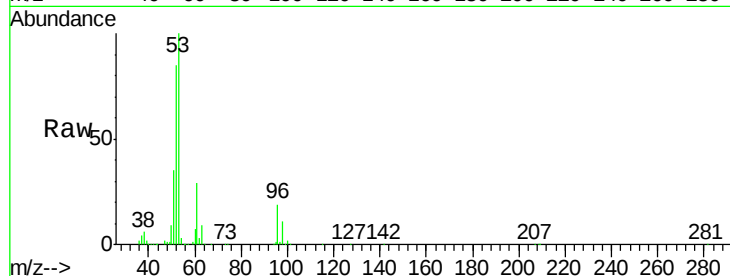
ClientSampleId :

SS043MW014-200610MS

Tot Ion:	53	Resp:	410674
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.5	98.3
51	36.7	28.6	42.8

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#16

Acetone

Concen: 256.120 ug/l

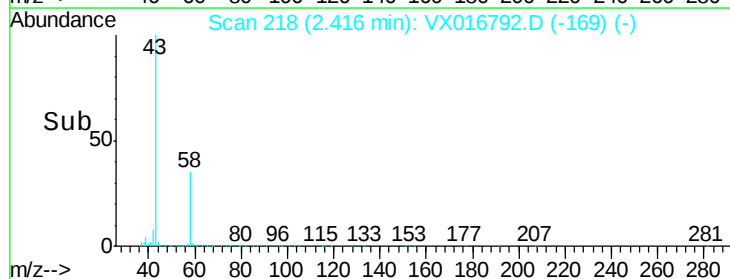
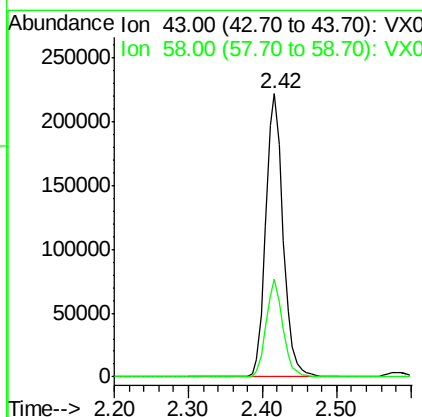
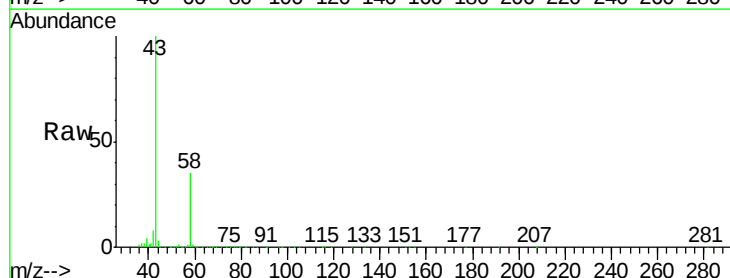
RT: 2.42 min Scan# 218

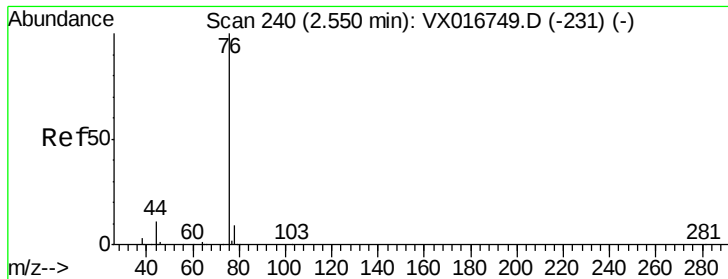
Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tgt Ion:	43	Resp:	363402
Ion	Ratio	Lower	Upper
43	100		
58	34.6	26.3	39.5





#17

Carbon Disulfide

Concen: 49.155 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 76 Resp: 382638

Ion Ratio Lower Upper

76 100

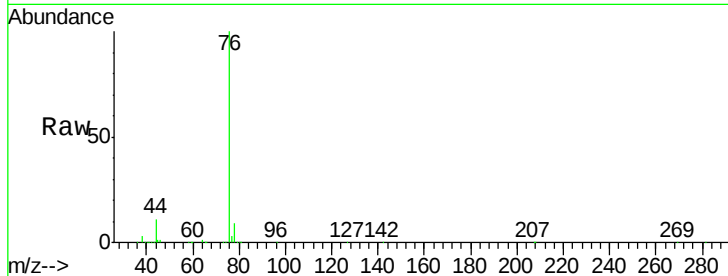
78 8.6 7.3 10.9

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

250000

200000

150000

100000

50000

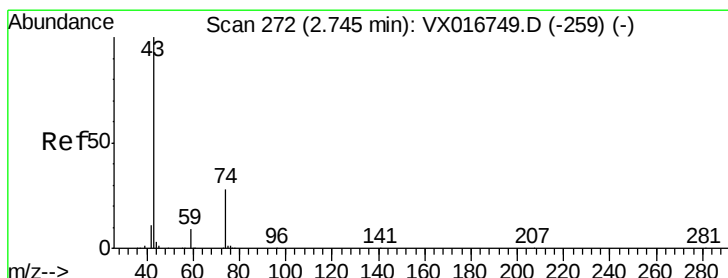
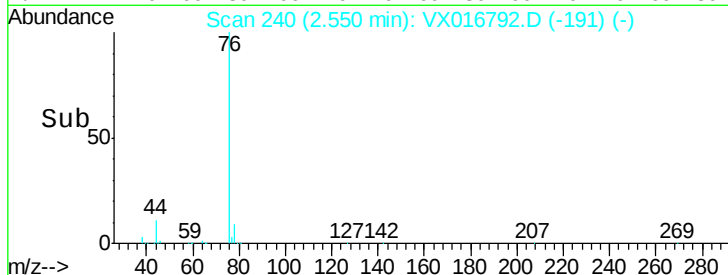
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 51.236 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016792.D

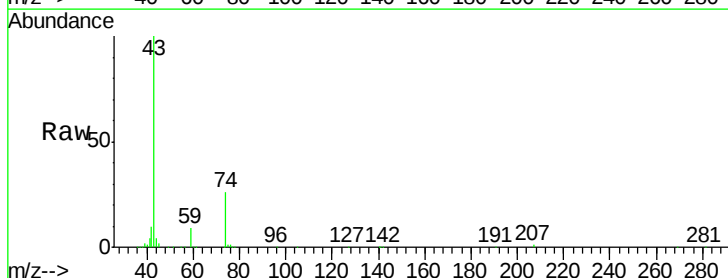
Acq: 16 Jun 2020 20:01

Tgt Ion: 43 Resp: 194041

Ion Ratio Lower Upper

43 100

74 26.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

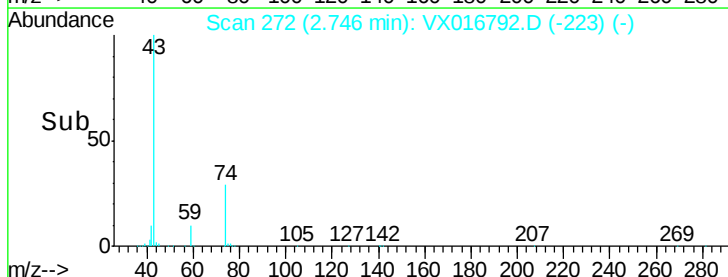
20000

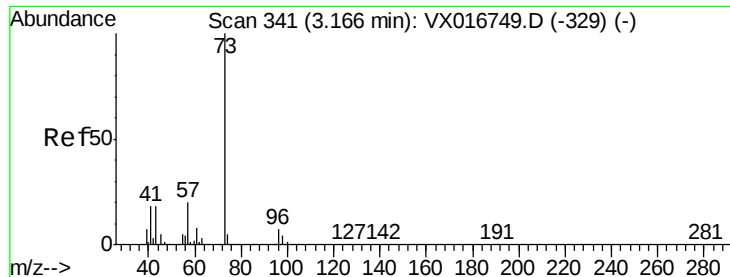
0

2.75

2.80

Time-->





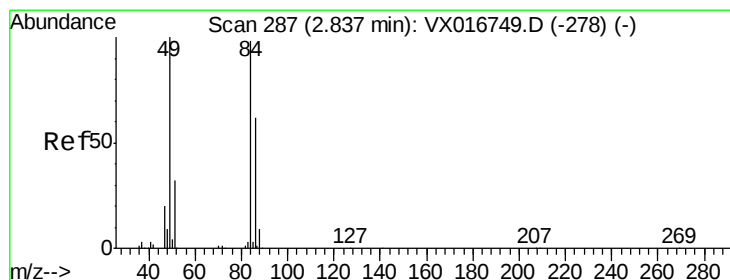
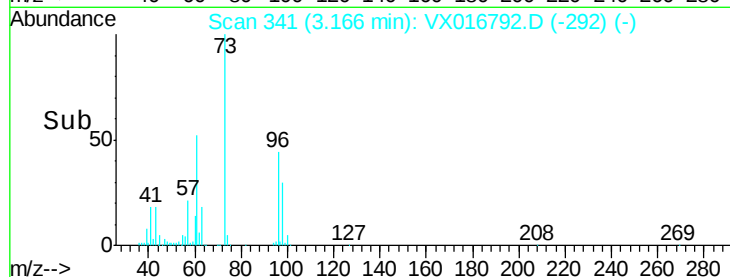
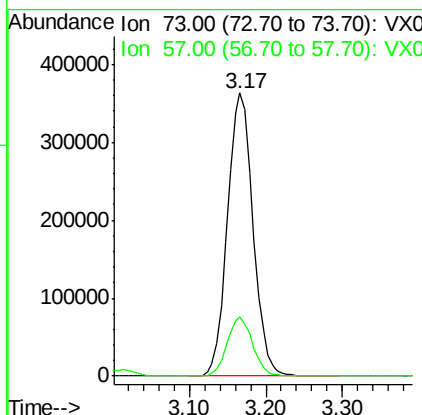
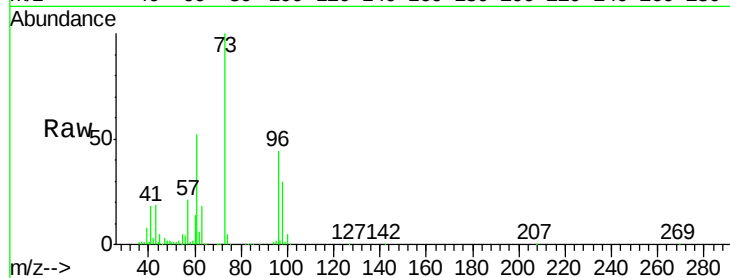
#19
Methvl tert-butvl Ether
Concen: 90.410 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	73	Resp	837537
Ion Ratio	100	Lower	Upper
73	100	16.2	24.4
57	21.0		

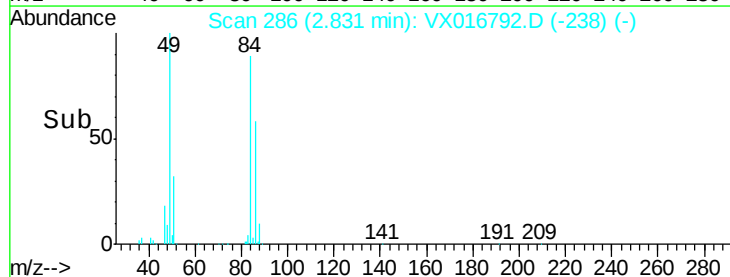
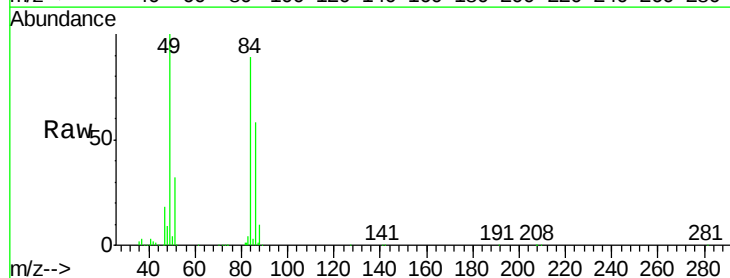
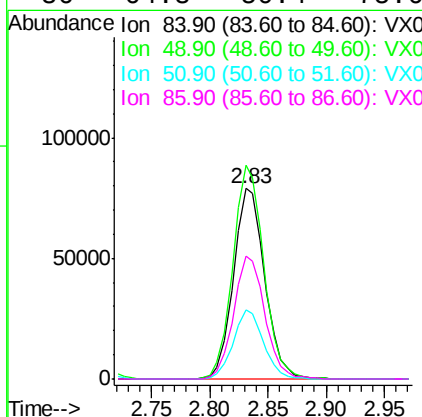
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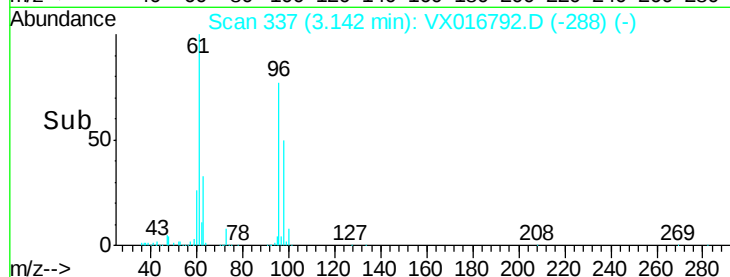
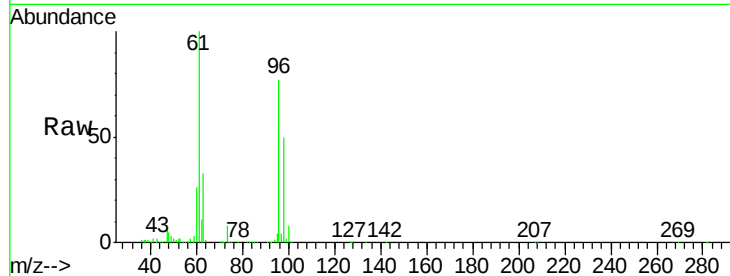
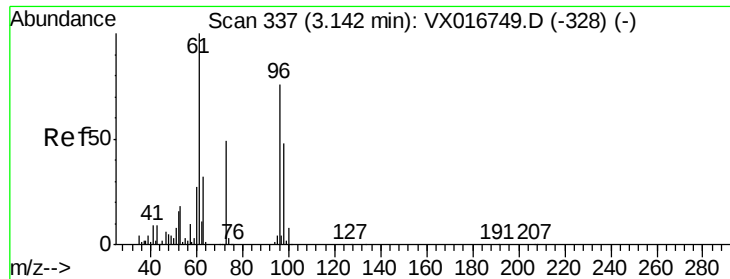
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#20
Methylene Chloride
Concen: 48.281 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	84	Resp	147559
Ion Ratio	100	Lower	Upper
84	100	81.8	122.8
49	112.1	25.8	38.8
51	36.3	50.4	75.6
86	64.8		





#21

trans-1,2-Dichloroethene

Concen: 581.603 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tot Ion:	96	Resp:	1698751
Ion	Ratio	Lower	Upper
96	100		
61	130.6	105.4	158.2
98	65.0	50.8	76.2

Instrument :

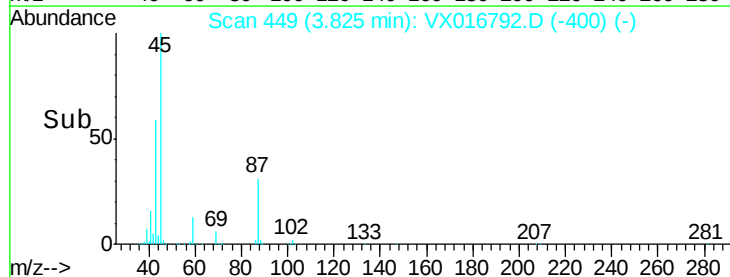
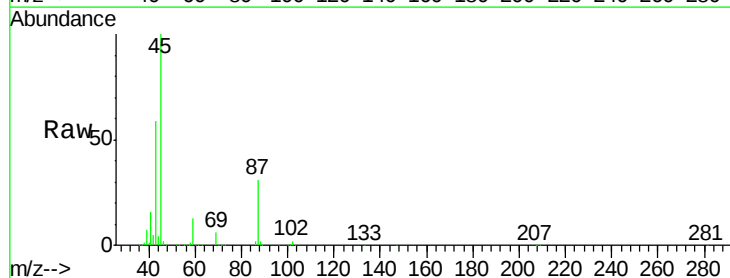
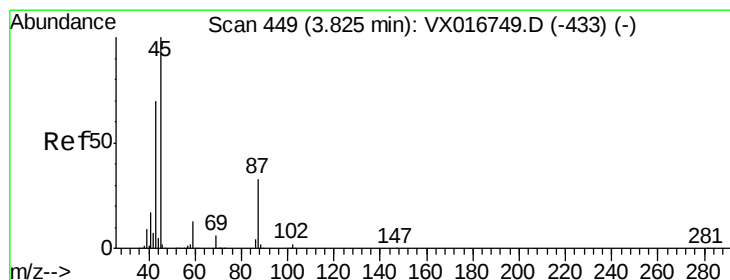
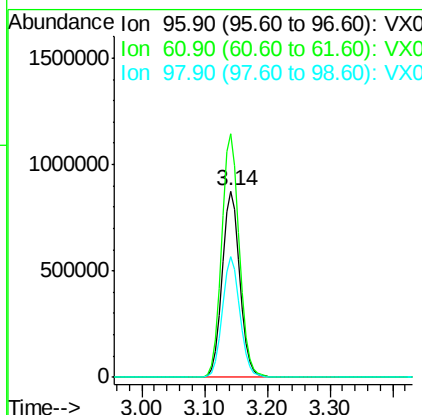
MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.628 ug/l

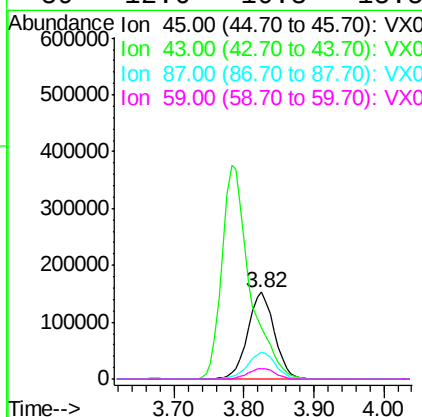
RT: 3.82 min Scan# 449

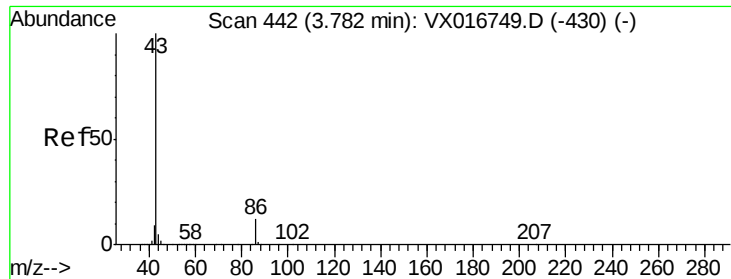
Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tgt Ion:	45	Resp:	404255
Ion	Ratio	Lower	Upper
45	100		
43	59.1	56.2	84.4
87	30.9	26.2	39.4
59	12.6	10.3	15.5





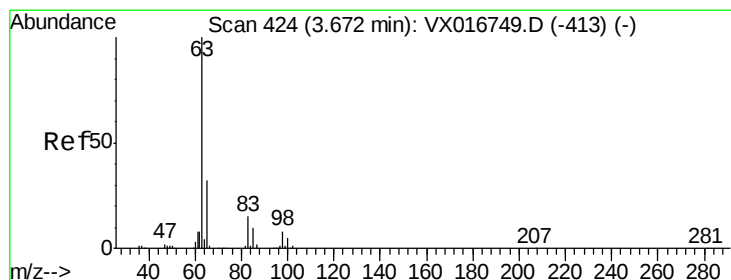
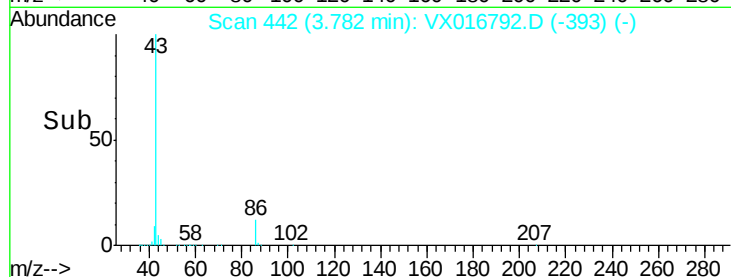
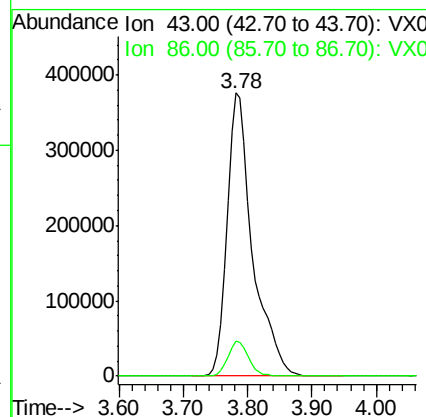
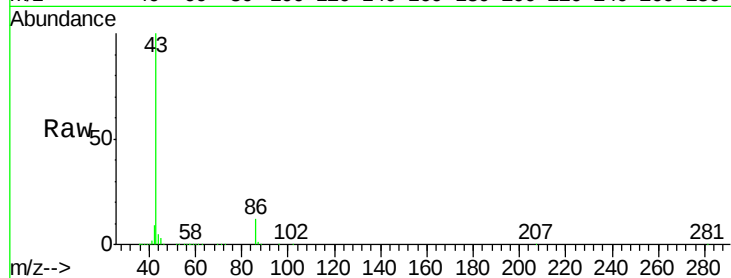
#23
 Vinyl Acetate
 Concen: 150.842 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion: 43 Resp: 1041046
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.8 14.8

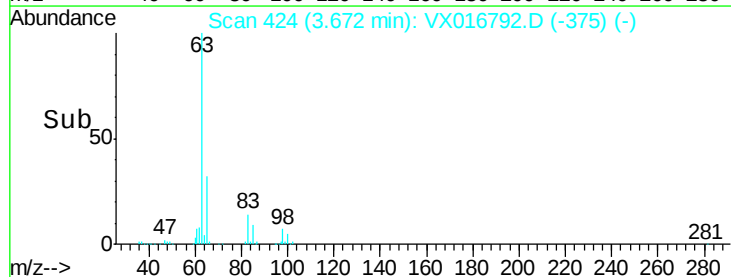
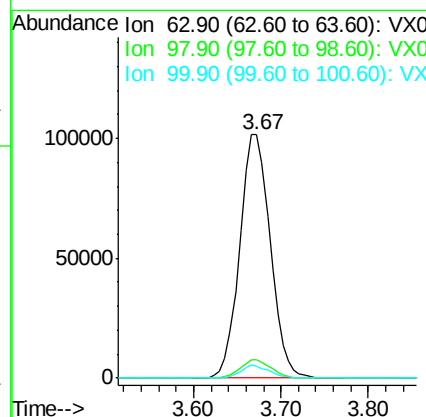
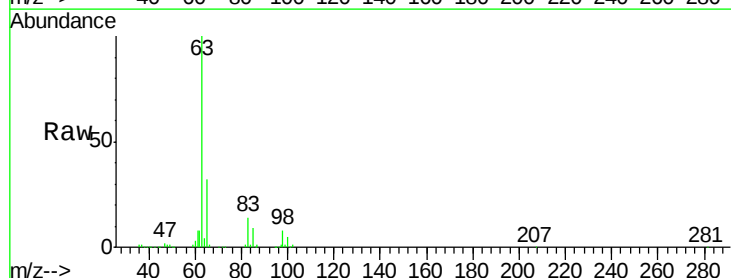
Manual Integrations
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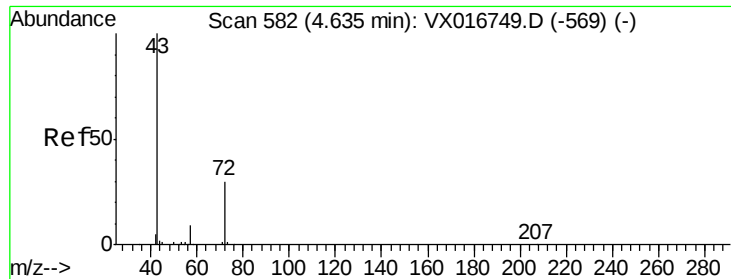
MMDadoda
 6/17/2020 9:34:44 AM



#24
 1,1-Dichloroethane
 Concen: 49.557 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion: 63 Resp: 247495
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 5.1 2.3 6.9





#25

2-Butanone

Concen: 255.733 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 43 Resp: 546856

Ion Ratio Lower Upper

43 100

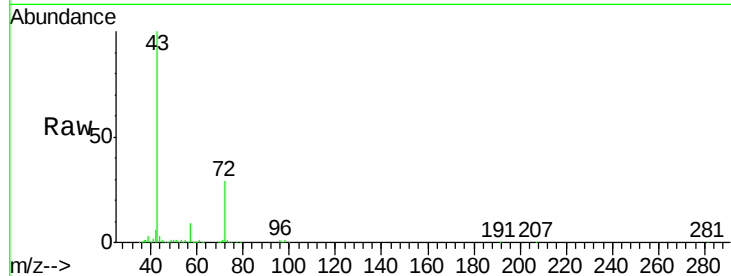
72 29.4 24.2 36.4

Manual Integrations

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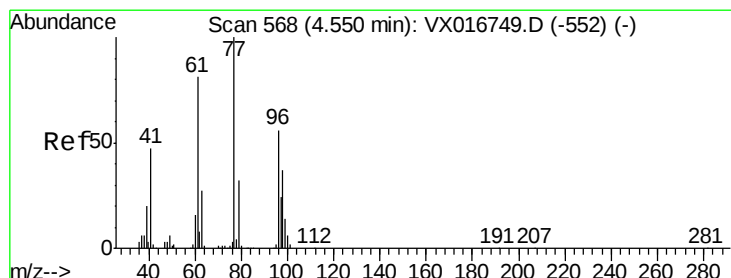
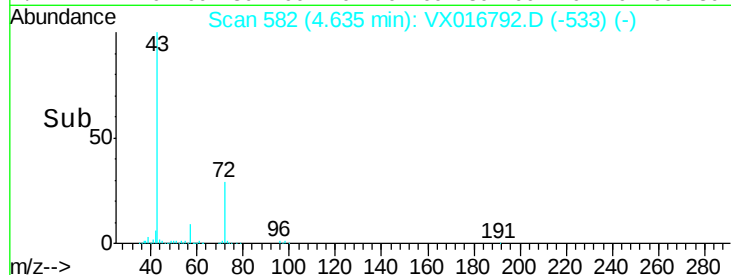
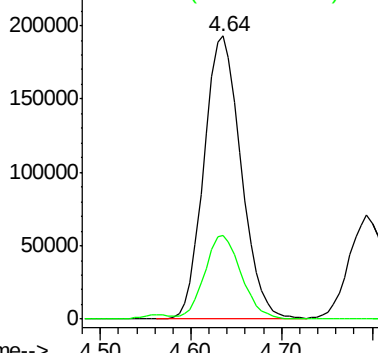
MMDadoda

6/17/2020 9:34:44 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.069 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016792.D

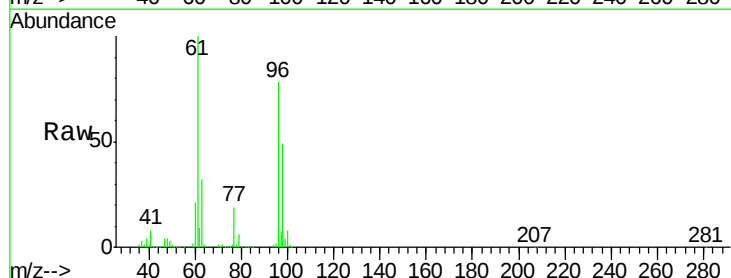
Acq: 16 Jun 2020 20:01

Tgt Ion: 77 Resp: 189919

Ion Ratio Lower Upper

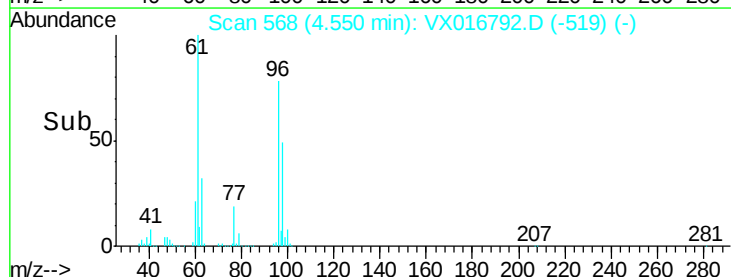
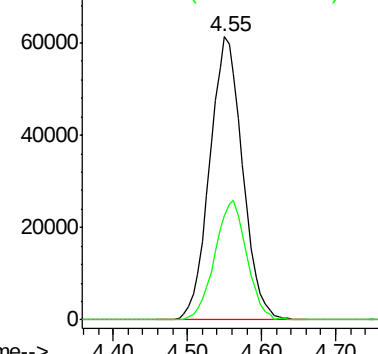
77 100

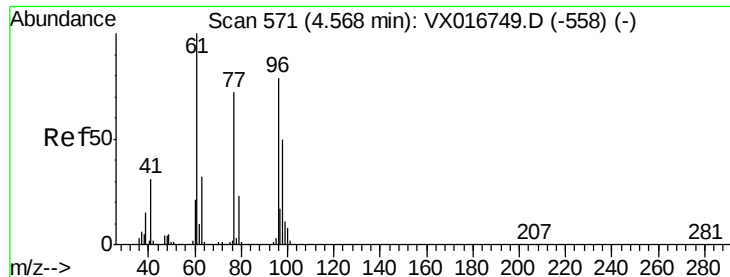
97 40.9 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

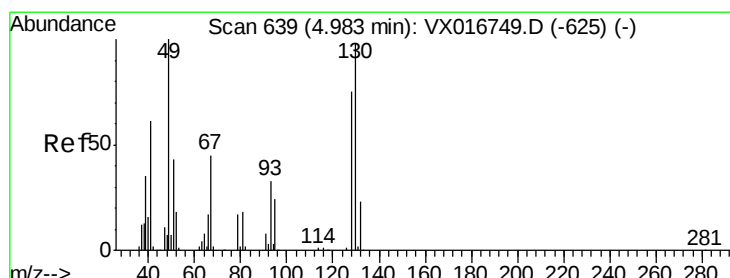
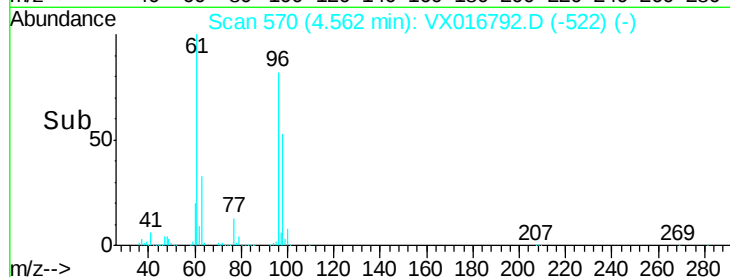
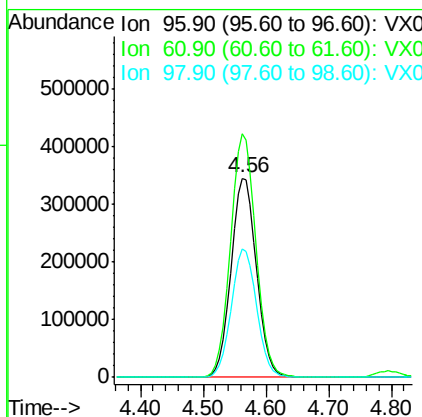
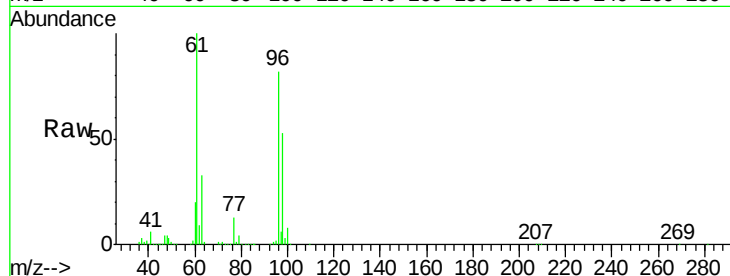
cis-1,2-Dichloroethene
Concen: 289.869 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	967693		
61	122.1		0.0	276.2
98	64.1		0.0	130.0

Manual Integrations
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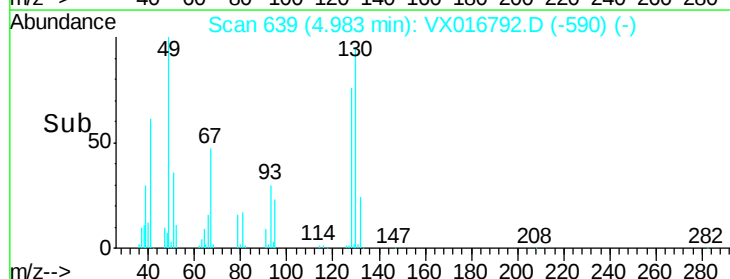
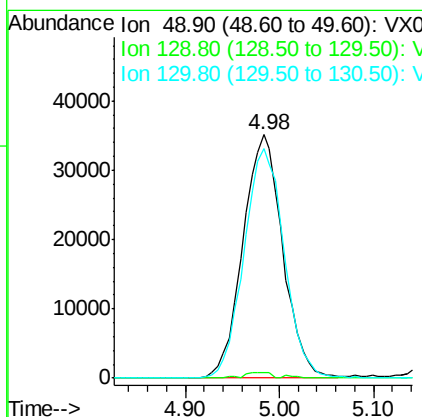
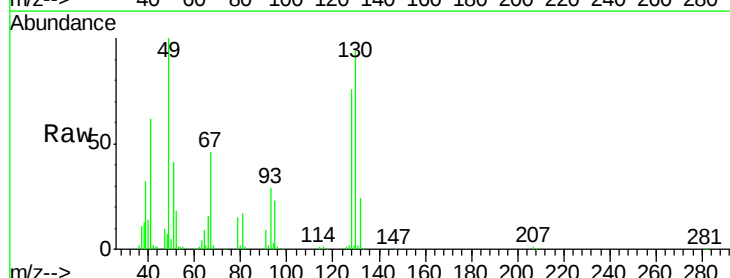
MMDadoda
6/17/2020 9:34:44 AM

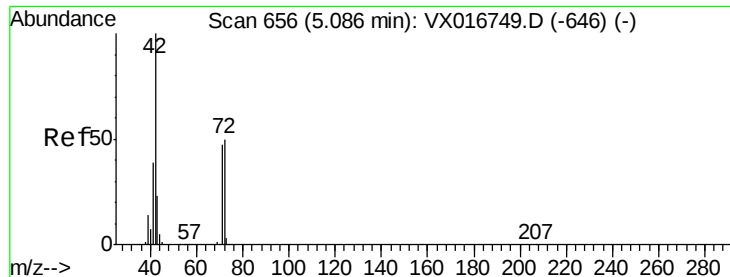


#28

Bromochloromethane
Concen: 48.610 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103560		
129	1.6		0.0	2.8
130	95.6		76.0	114.0





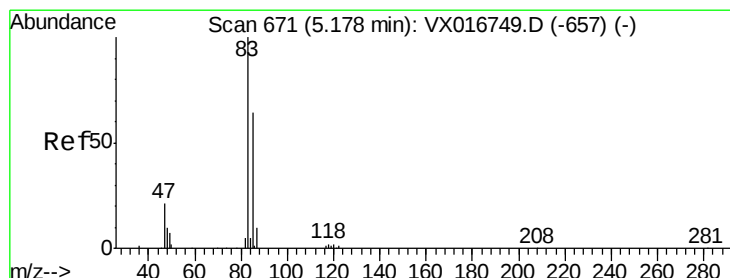
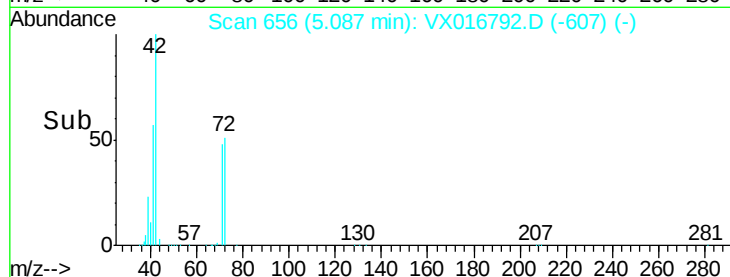
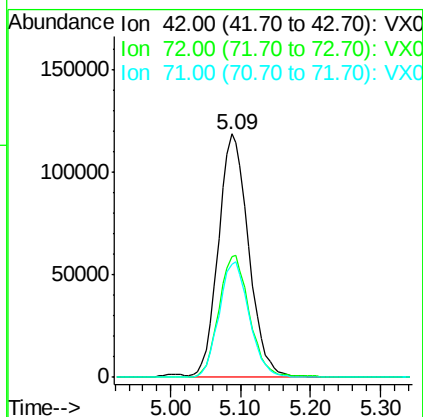
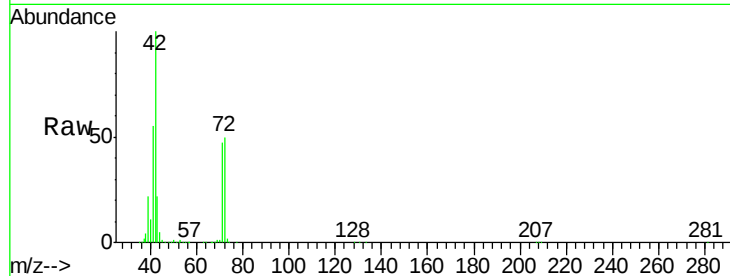
#29
Tetrahydrofuran
Concen: 256.423 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	41.0	61.6
71	47.5	38.2	57.4

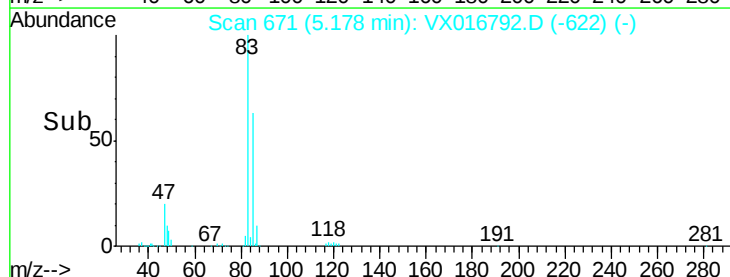
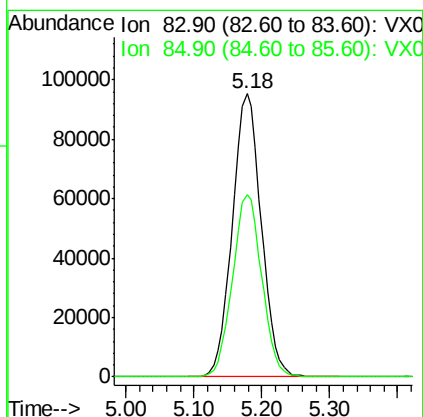
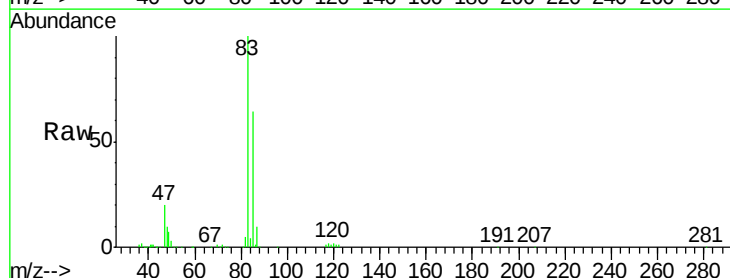
Manual Integrations
APPROVED

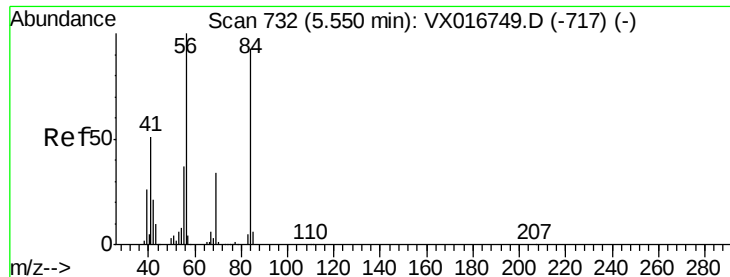
MMDadoda
6/17/2020 9:34:44 AM



#30
Chloroform
Concen: 53.318 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.8	76.2





#31

Cyclohexane

Concen: 51.563 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

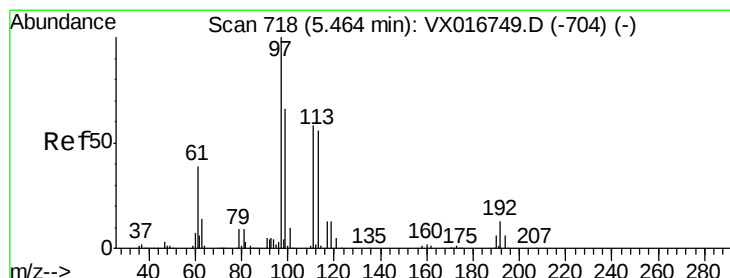
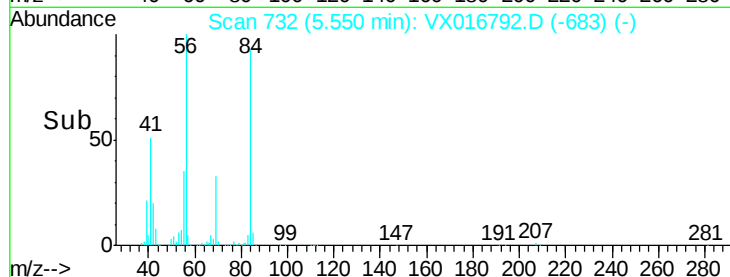
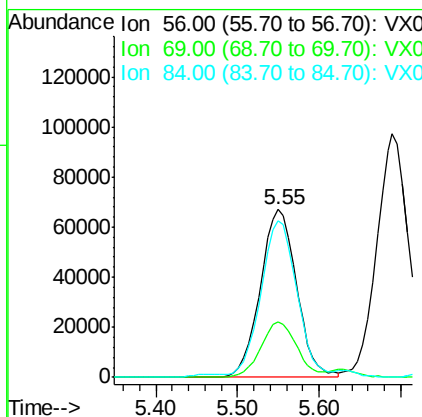
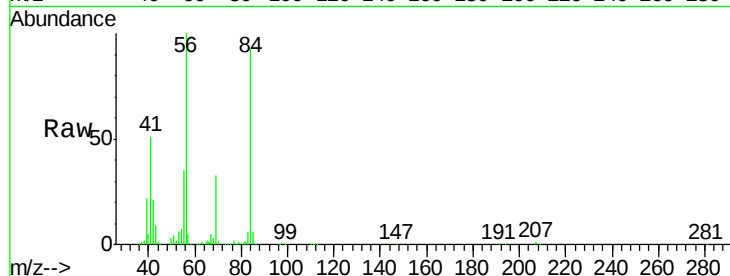
ClientSampleId :

SS043MW014-200610MS

Tot Ion:	56	Resp:	207450
Ion Ratio	Lower	Upper	
56	100		
69	33.1	27.1	40.7
84	92.5	74.0	111.0

Manual Integrations
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MMDadoda
6/17/2020 9:34:44 AM



#32

1,1,1-Trichloroethane

Concen: 49.604 ug/l

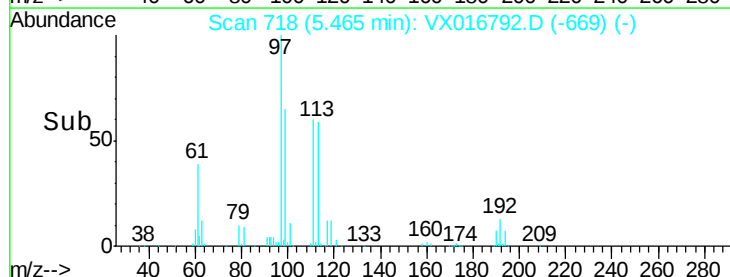
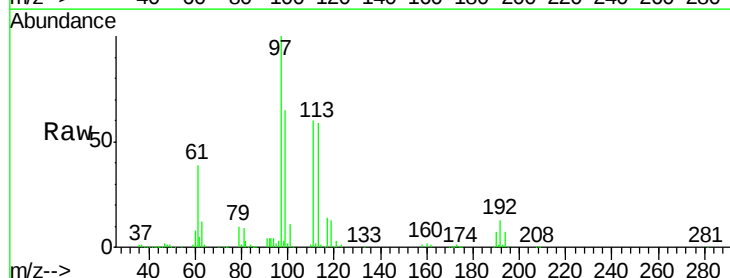
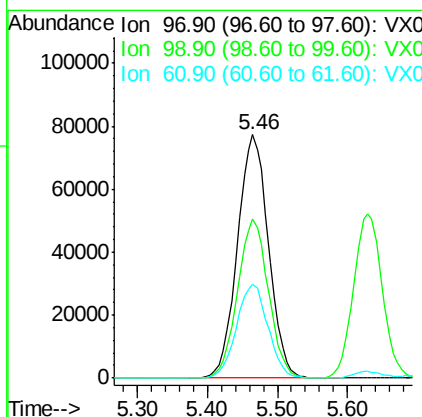
RT: 5.46 min Scan# 718

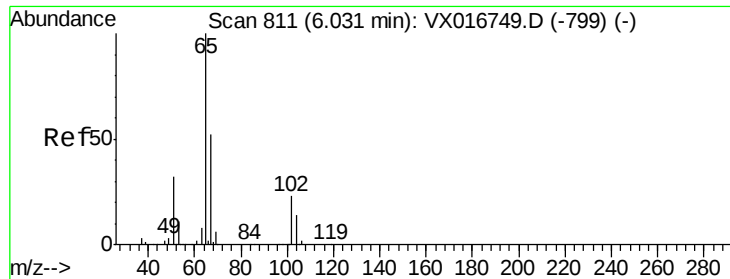
Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tgt Ion:	97	Resp:	237821
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.5	77.3
61	39.2	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.171 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 65 Resp: 156927

Ion Ratio Lower Upper

65 100

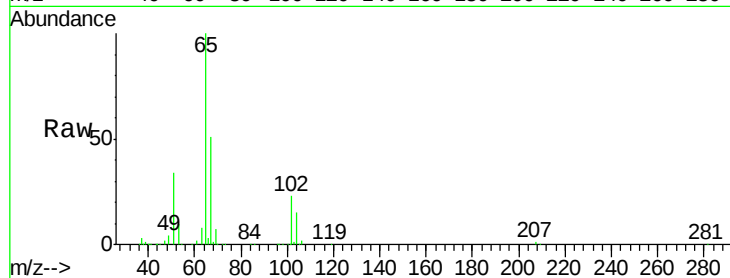
67 52.0 0.0 103.0

Manual Integrations

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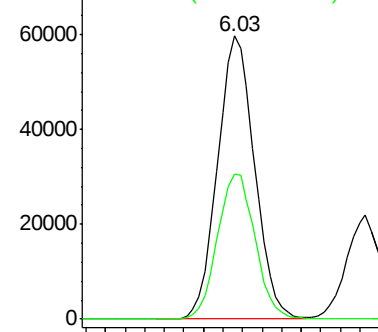
MMDadoda

6/17/2020 9:34:44 AM

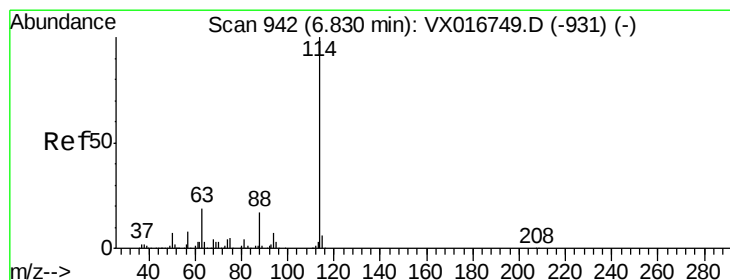
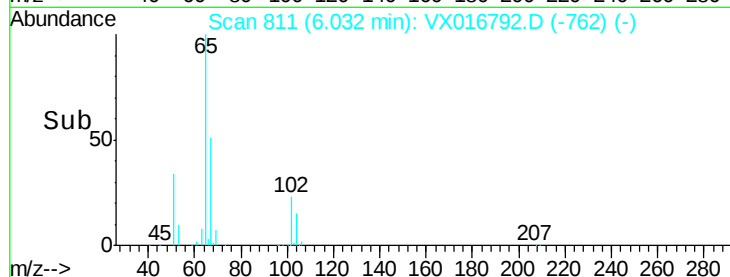


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

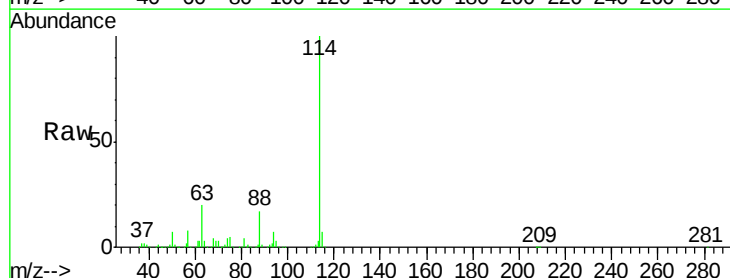
Tgt Ion: 114 Resp: 430438

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

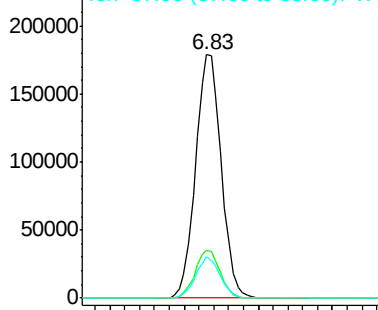
88 16.7 0.0 33.4



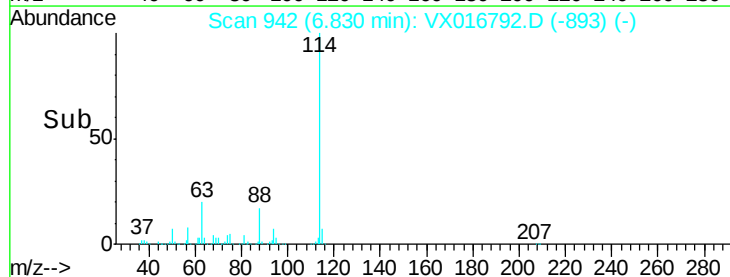
Abundance Ion 113.90 (113.60 to 114.60): V

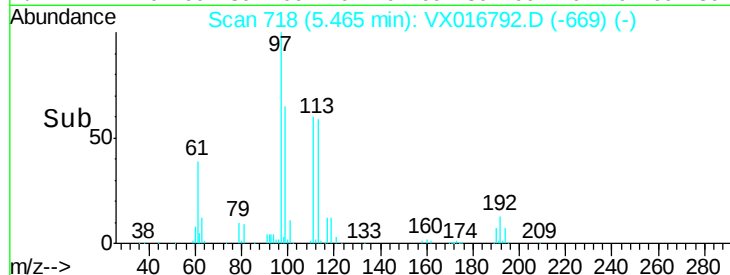
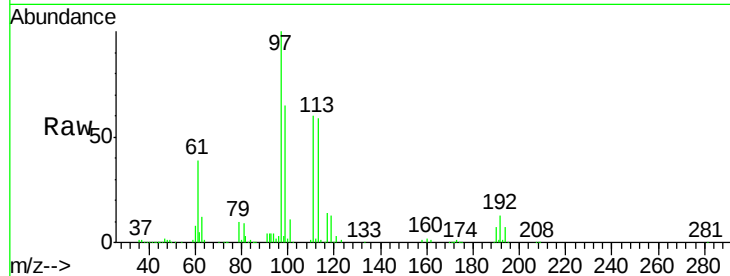
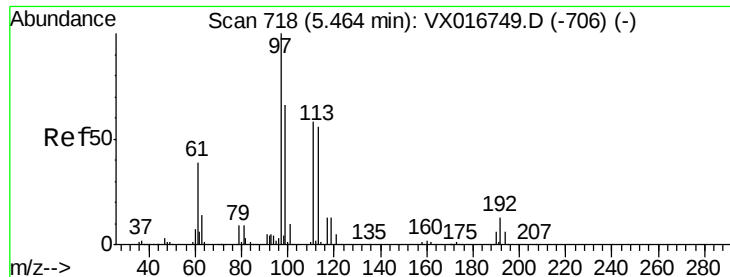
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





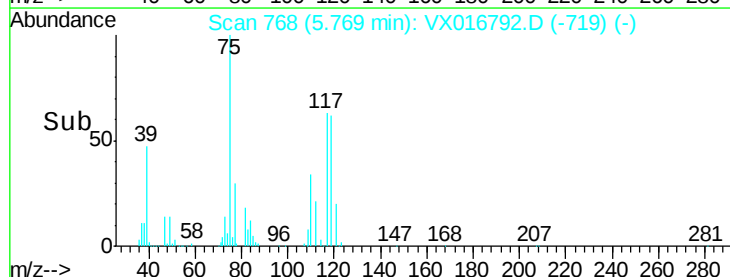
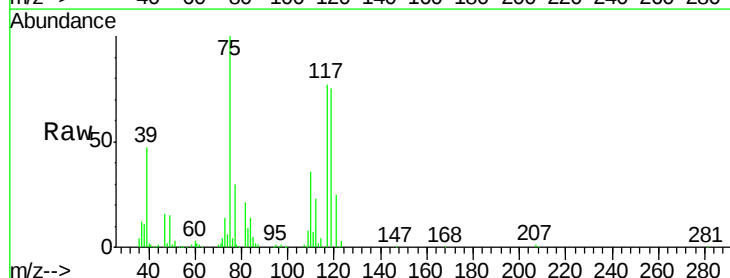
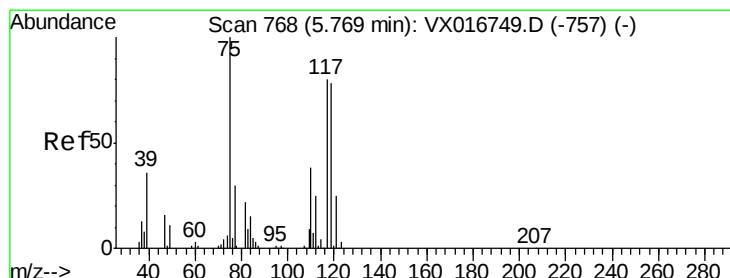
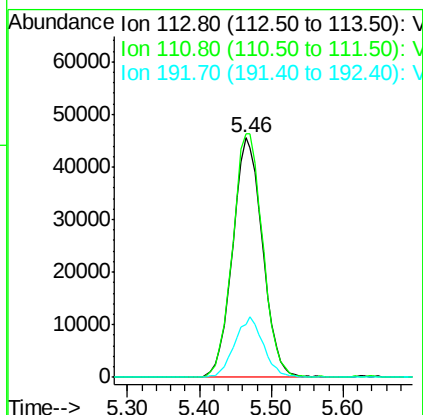
#35
Dibromofluoromethane
Concen: 49.299 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130925		
111	102.4	81.8	122.6	
192	24.1	18.2	27.4	

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

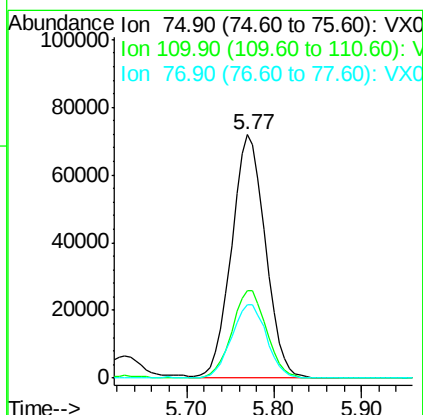
Manual Integrations
APPROVED

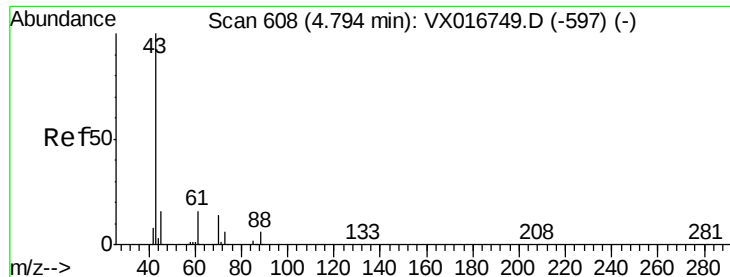
MMDadoda
6/17/2020 9:34:44 AM



#36
1,1-Dichloropropene
Concen: 50.674 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192757		
110	36.8	18.4	55.2	
77	31.4	24.7	37.1	





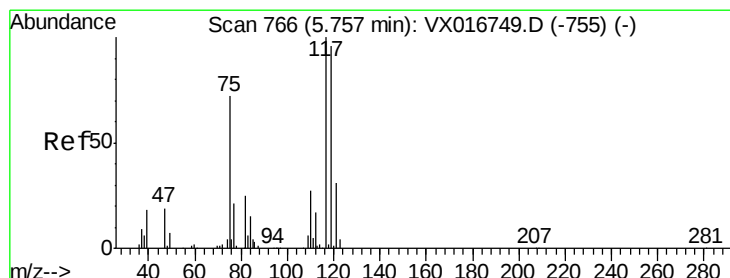
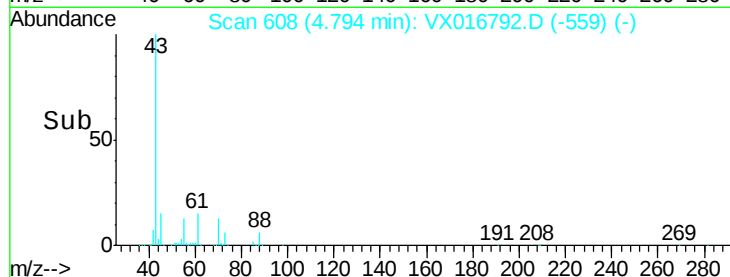
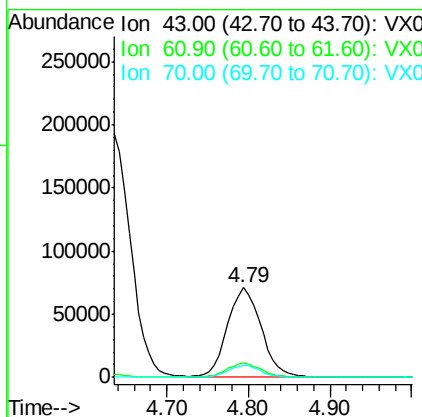
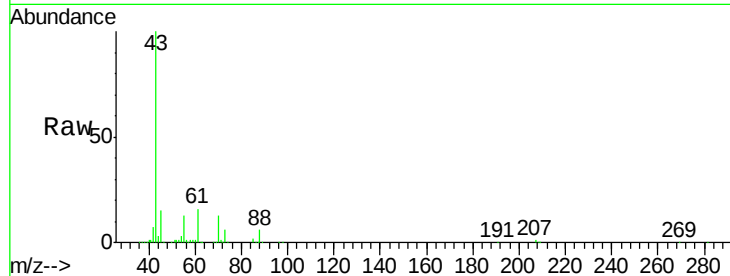
#37
Ethyl Acetate
Concen: 48.960 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.4	18.6#
70	12.8	10.8	16.2

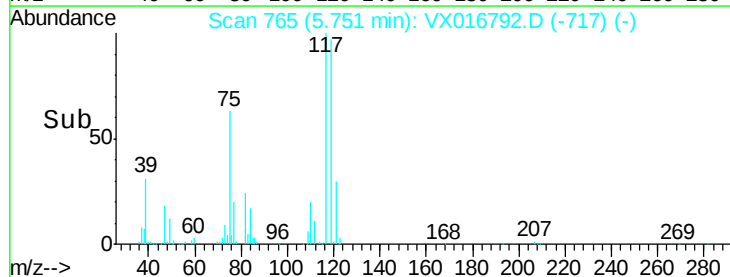
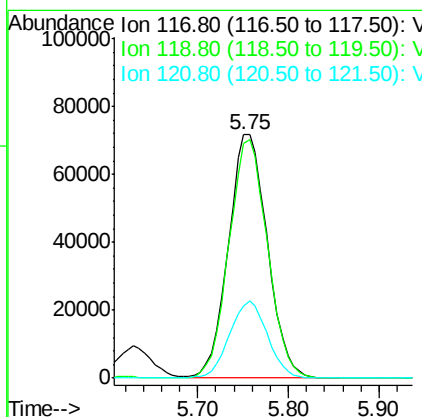
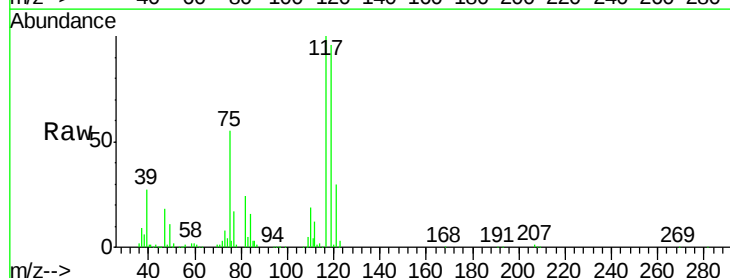
Manual Integrations
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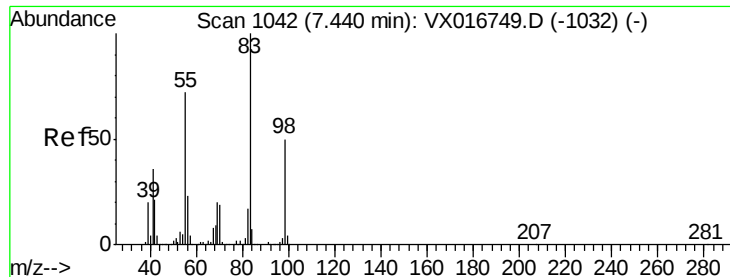
MMDadoda
6/17/2020 9:34:44 AM



#38
Carbon Tetrachloride
Concen: 49.407 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
121	29.6	24.7	37.1





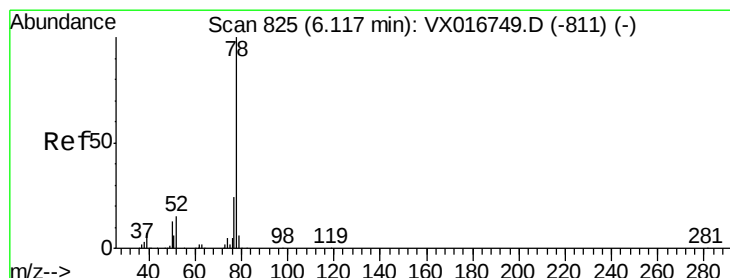
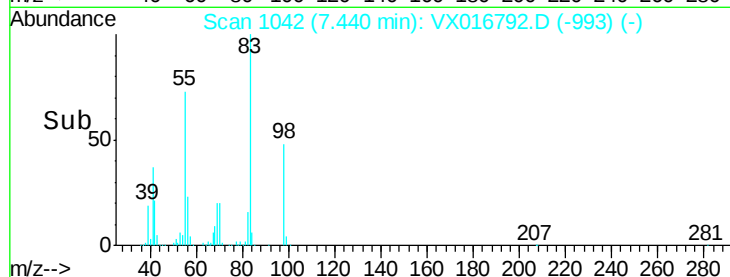
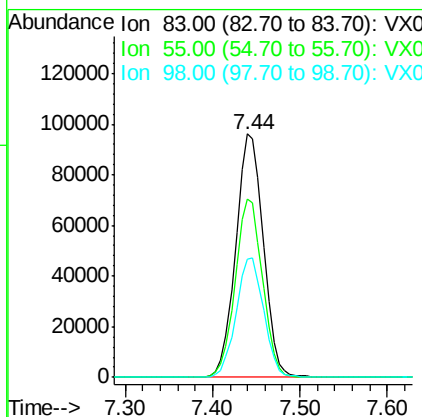
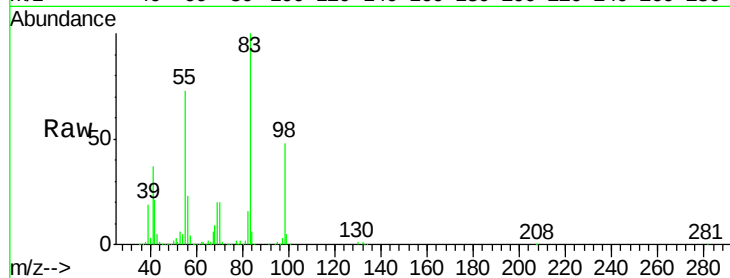
#39
Methvlcvclohexane
Concen: 47.790 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	57.3	85.9
98	48.3	40.3	60.5

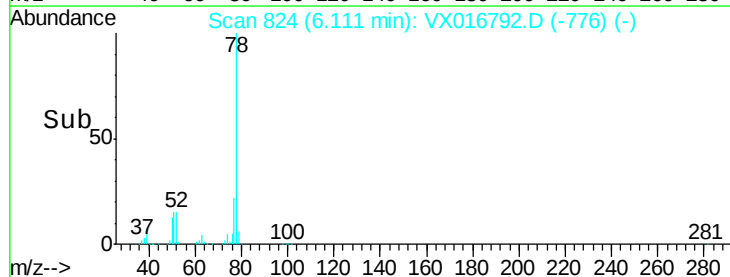
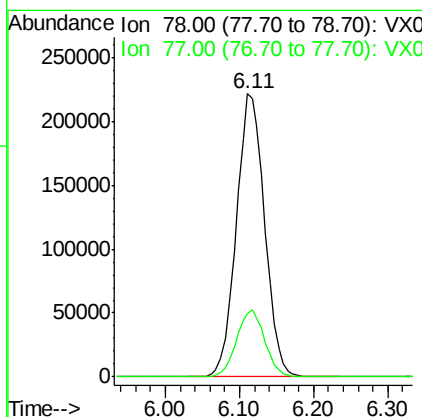
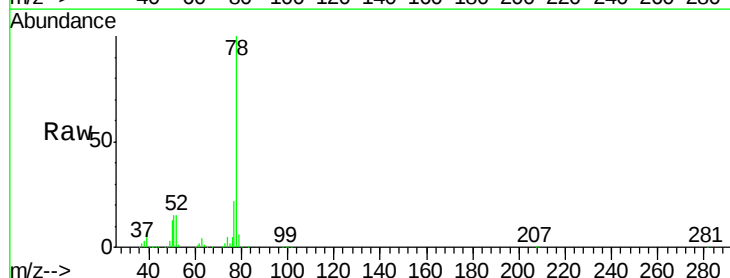
Manual Integrations
APPROVED

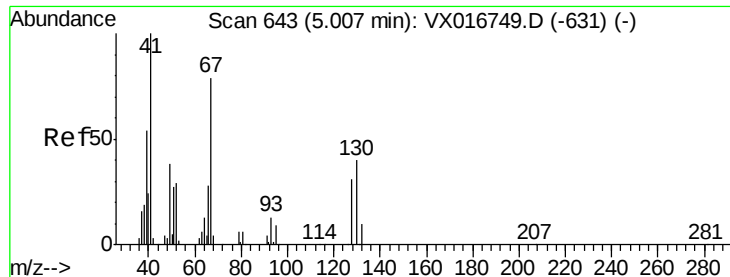
MMDadoda
6/17/2020 9:34:44 AM



#40
Benzene
Concen: 50.790 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4





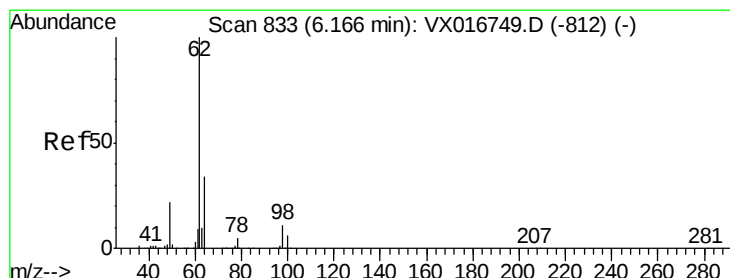
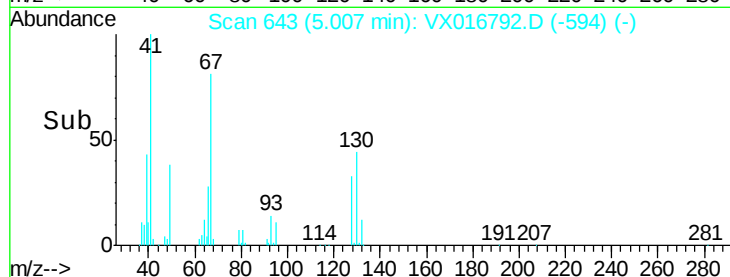
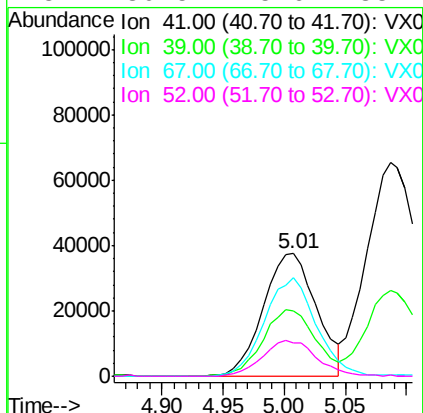
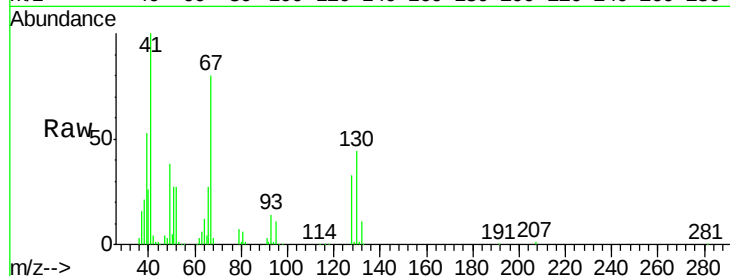
#41
Methacrylonitrile
Concen: 50.967 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	43.7	65.5	
67	79.5	64.6	96.8	
52	30.5	25.6	38.4	

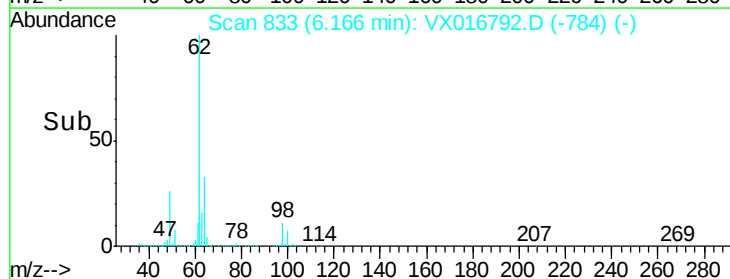
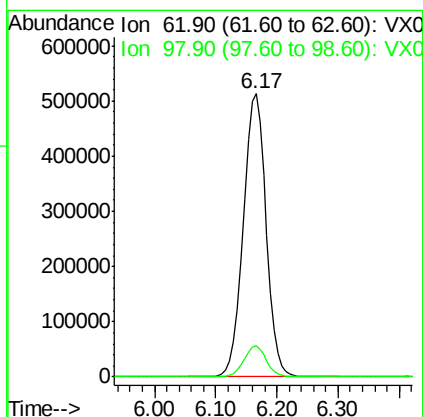
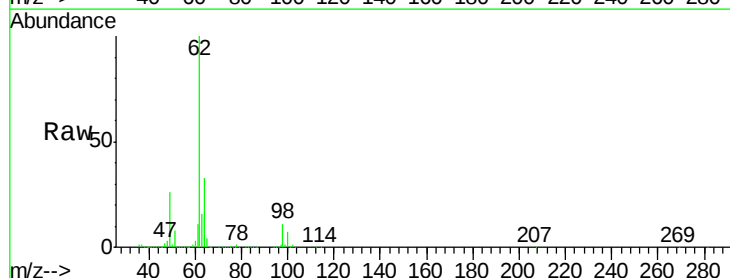
Manual Integrations
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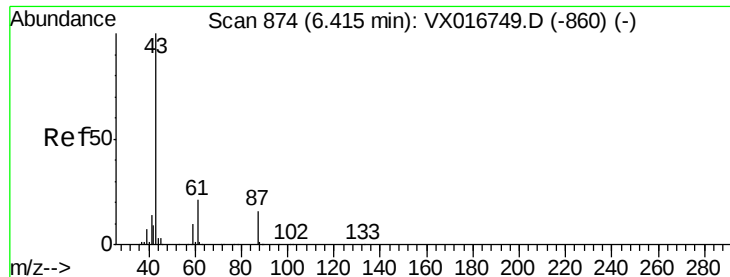
MMDadoda
6/17/2020 9:34:44 AM



#42
1,2-Dichloroethane
Concen: 313.583 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	20.2	





#43

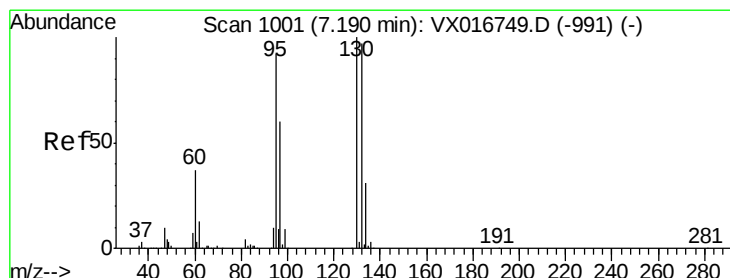
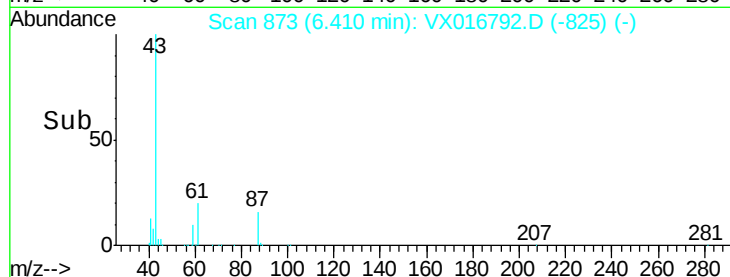
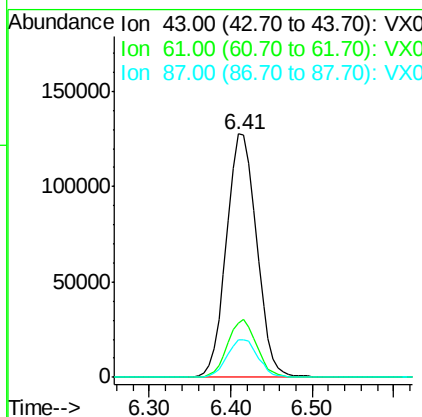
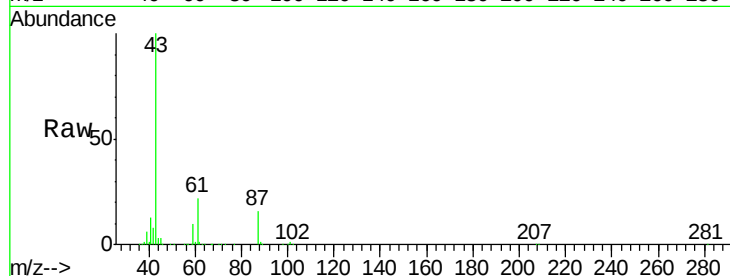
Isopropyl Acetate
 Concen: 49.941 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion	43	Resp	326056
Ion Ratio	Lower	Upper	
43	100		
61	22.8	17.7	26.5
87	15.8	12.5	18.7

Manual Integrations
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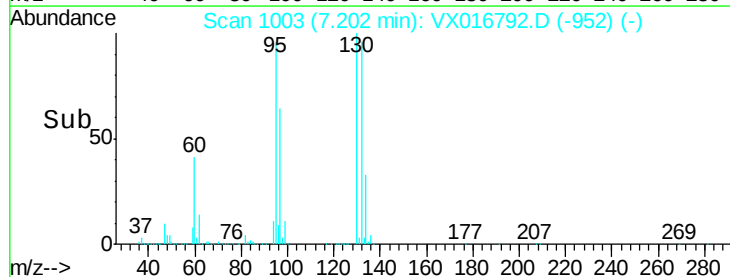
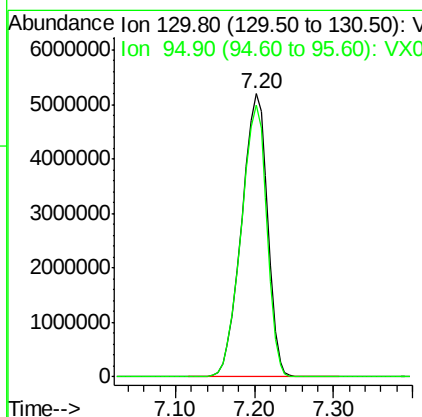
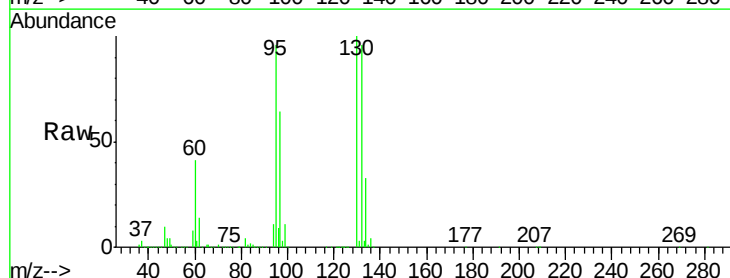
MMDadoda
 6/17/2020 9:34:44 AM

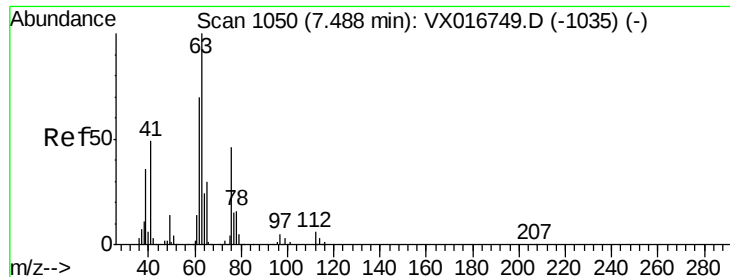


#44

Trichloroethene
 Concen: 3328.122 ug/l
 RT: 7.20 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion	130	Resp	11922901
Ion Ratio	Lower	Upper	
130	100		
95	95.9	0.0	183.6





#45

1,2-Dichloropropane

Concen: 53.518 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 63 Resp: 151942

Ion Ratio Lower Upper

63 100

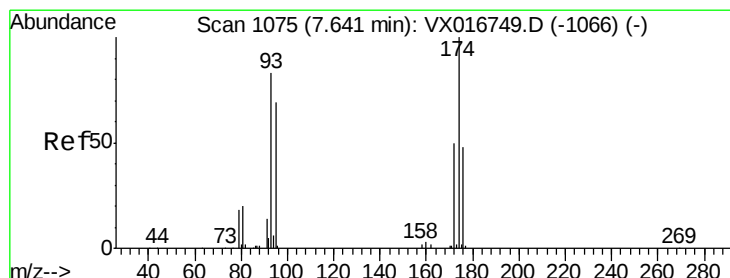
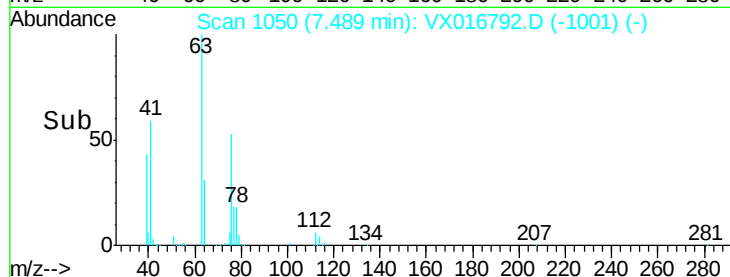
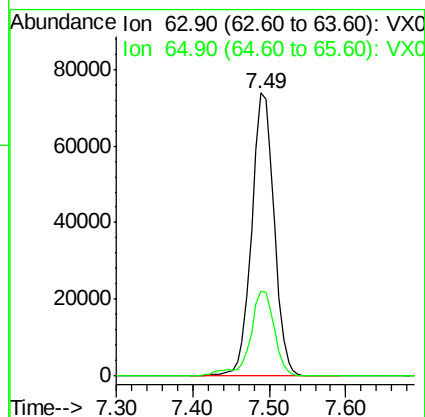
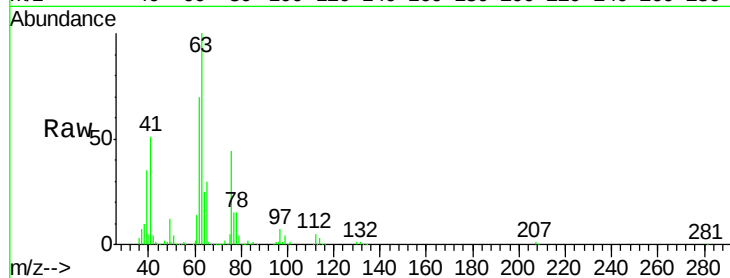
65 30.2 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 48.705 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

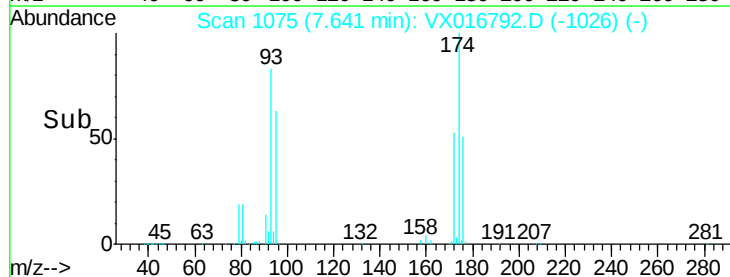
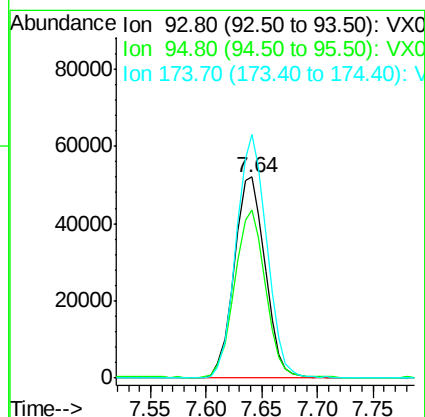
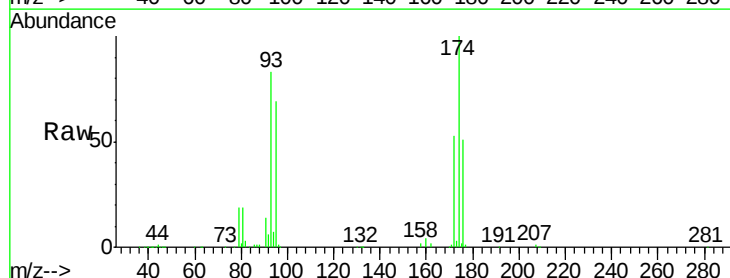
Tgt Ion: 93 Resp: 100782

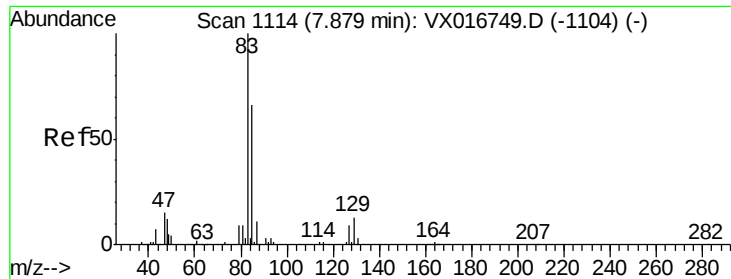
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

174 119.2 93.8 140.8





#47

Bromodichloromethane

Concen: 48.319 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

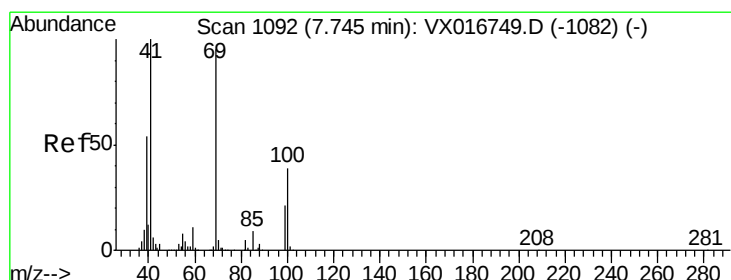
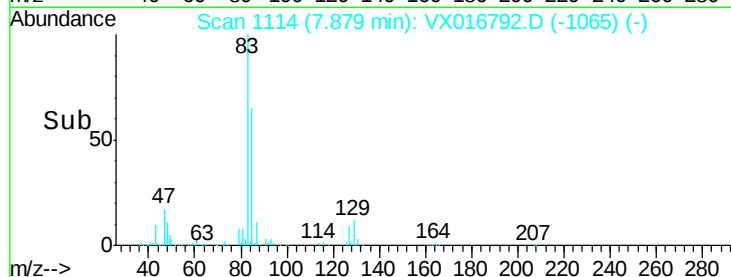
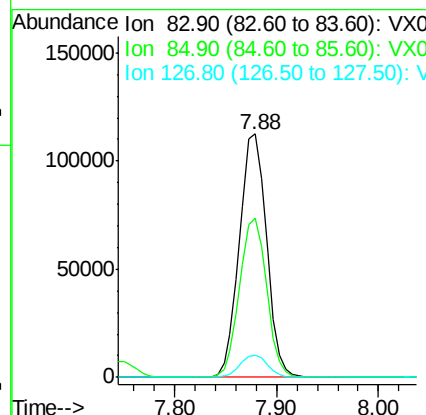
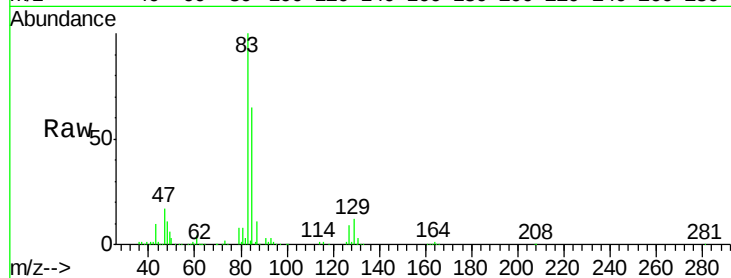
ClientSampleId :

SS043MW014-200610MS

Tot Ion:	83	Resp:	208447
Ion Ratio	Lower	Upper	
83	100		
85	65.2	52.5	78.7
127	9.2	7.5	11.3

Manual Integrations
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6/17/2020 9:34:44 AM



#48

Methyl methacrylate

Concen: 52.502 ug/l

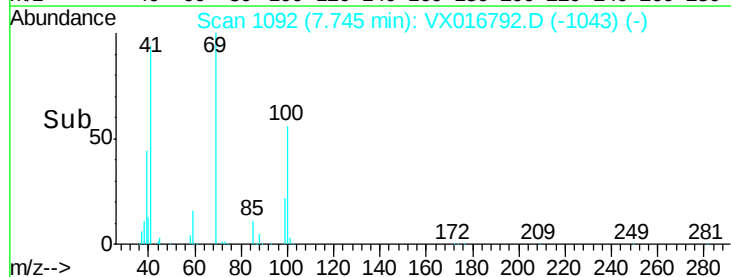
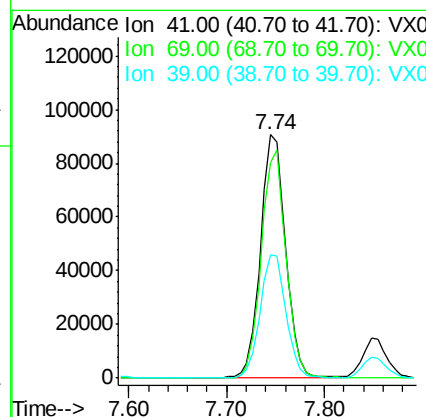
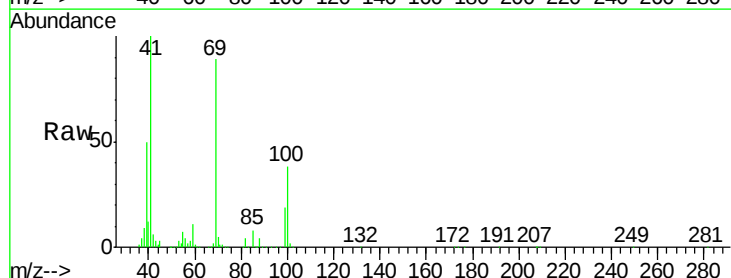
RT: 7.74 min Scan# 1092

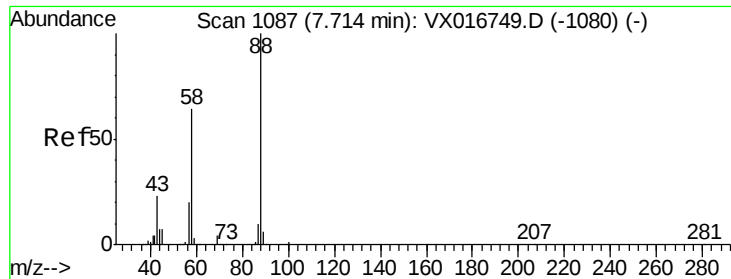
Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tgt Ion:	41	Resp:	162462
Ion Ratio	Lower	Upper	
41	100		
69	92.0	75.0	112.6
39	51.8	44.3	66.5





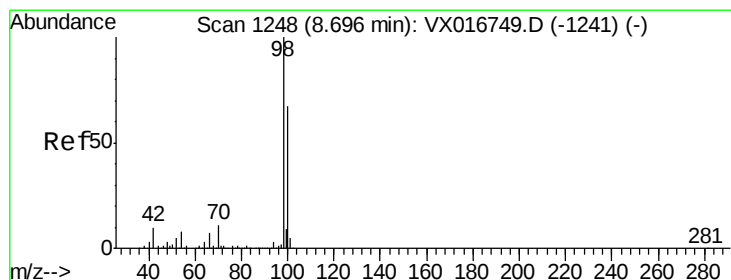
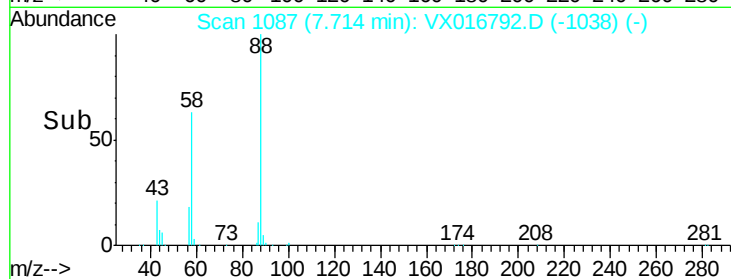
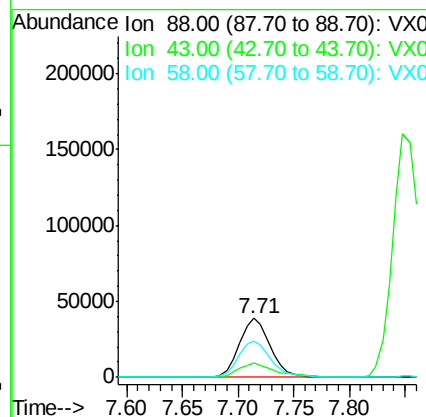
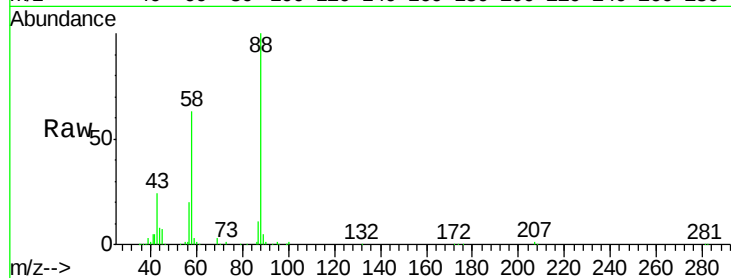
#49
1,4-Dioxane
Concen: 968.684 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.1	22.9	34.3
58	64.5	53.7	80.5

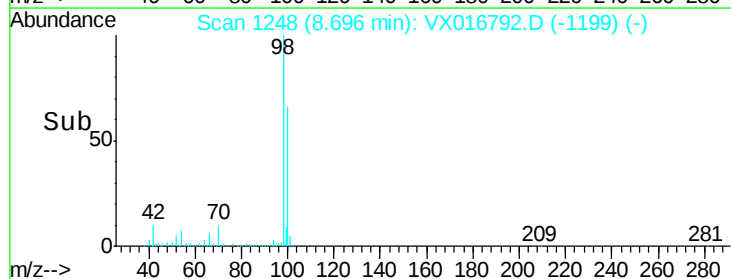
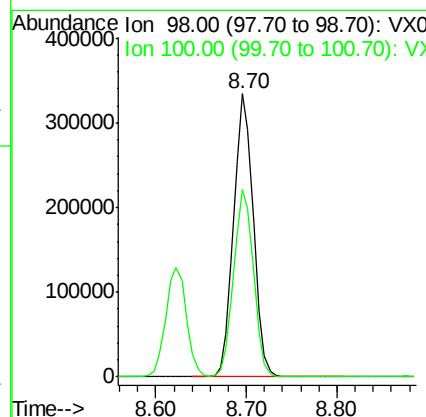
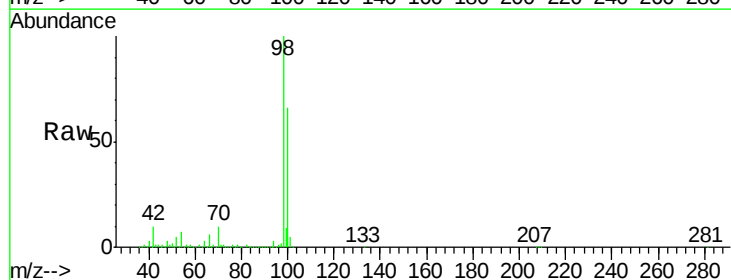
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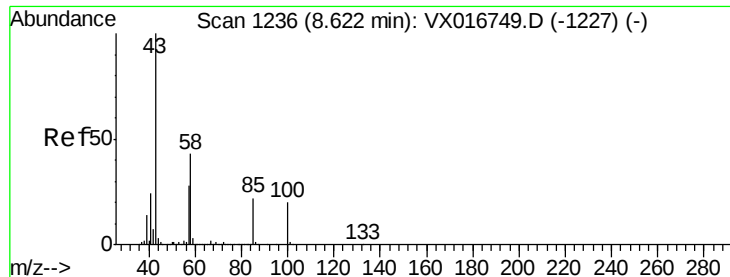
MMDadoda
6/17/2020 9:34:44 AM



#50
Toluene-d8
Concen: 51.483 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 258.147 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 43 Resp: 1038559

Ion Ratio Lower Upper

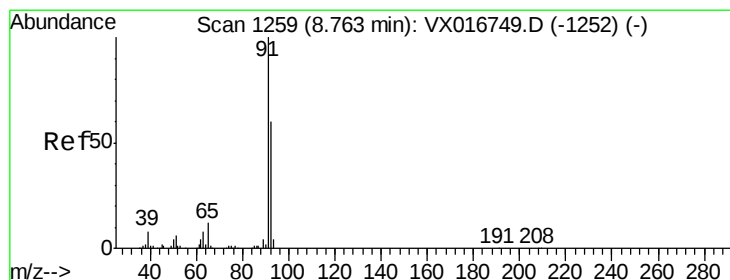
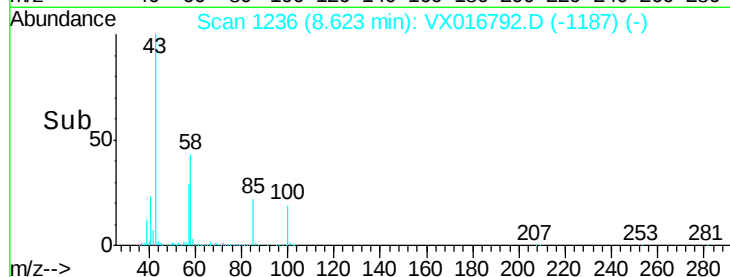
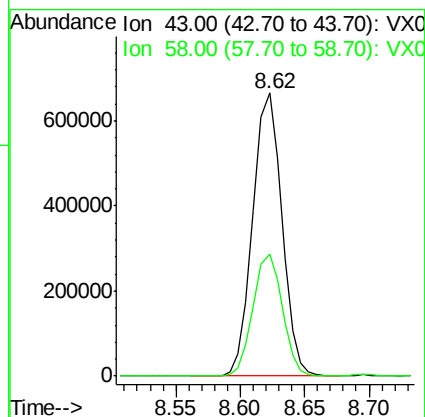
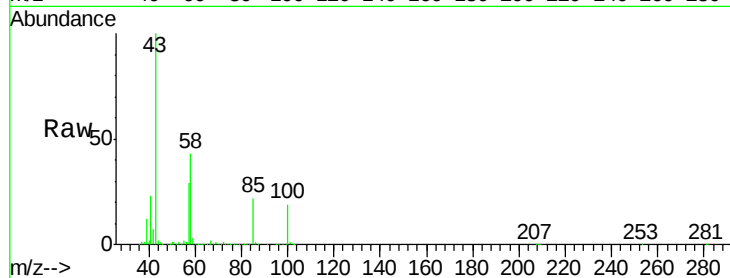
43 100

58 43.5 34.6 52.0

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6/17/2020 9:34:44 AM



#52

Toluene

Concen: 50.051 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016792.D

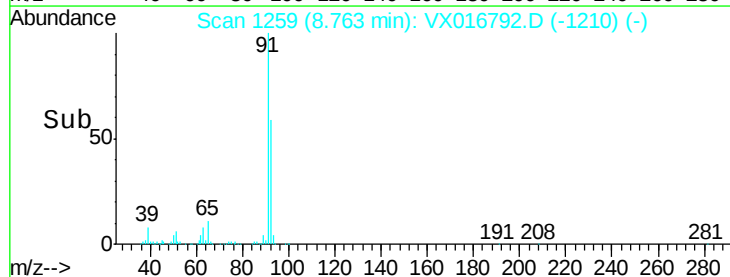
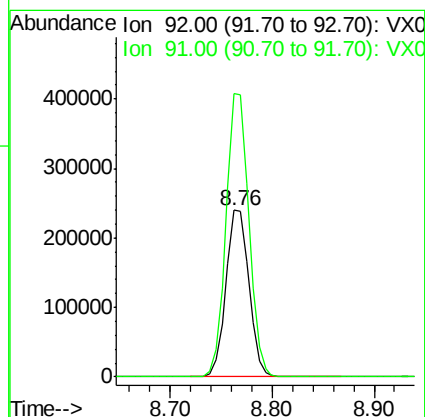
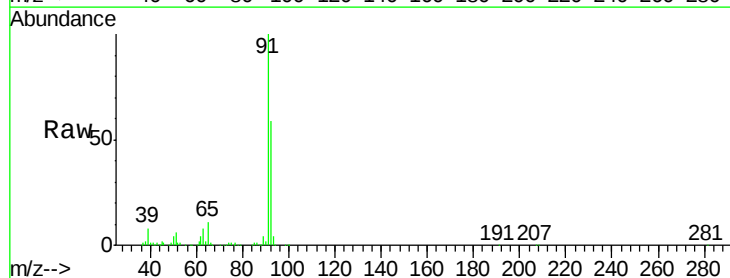
Acq: 16 Jun 2020 20:01

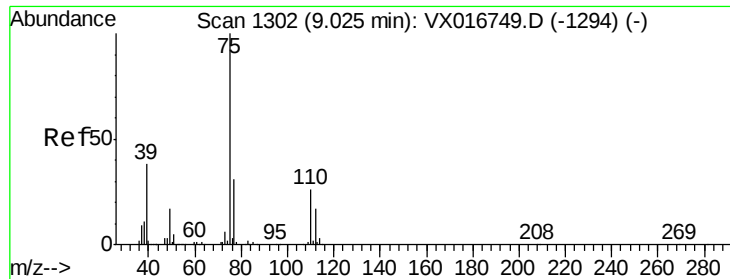
Tgt Ion: 92 Resp: 376527

Ion Ratio Lower Upper

92 100

91 168.4 136.1 204.1





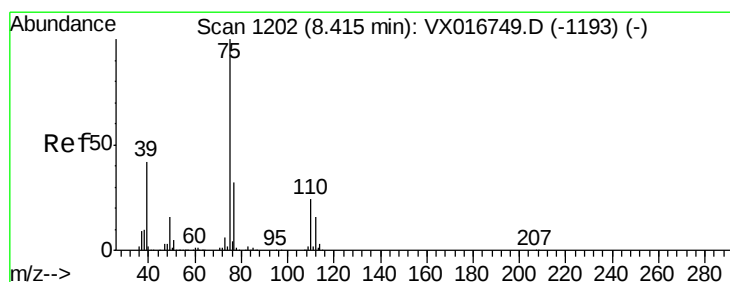
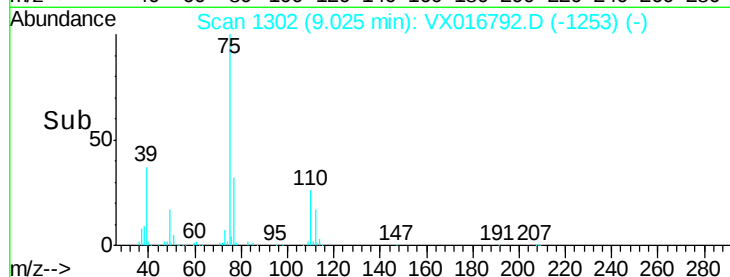
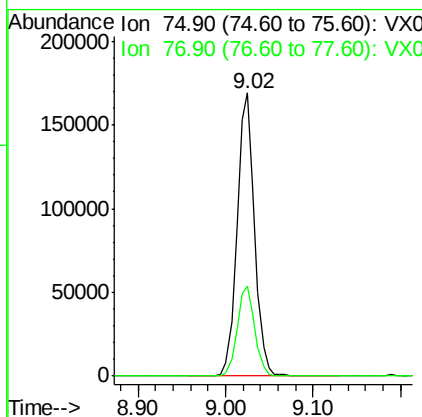
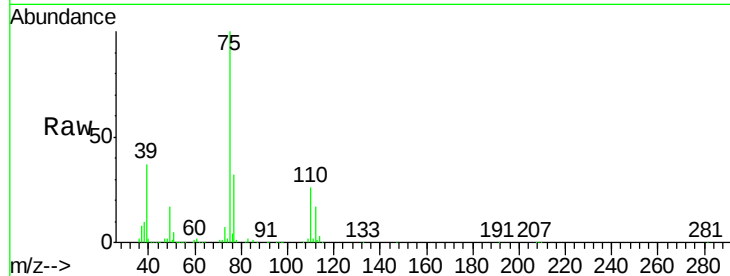
#53
t-1,3-Dichloropropene
Concen: 48.401 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1

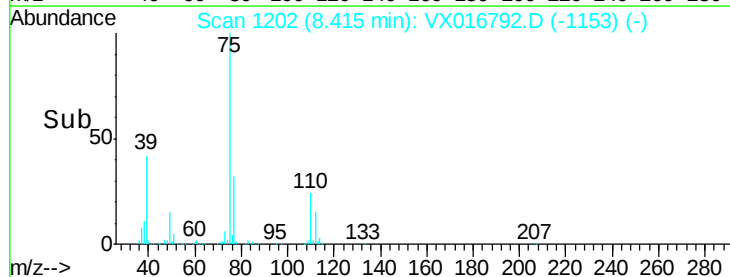
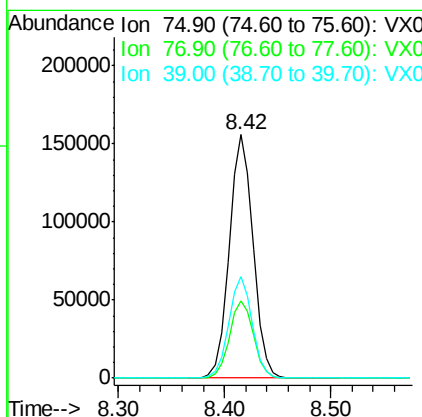
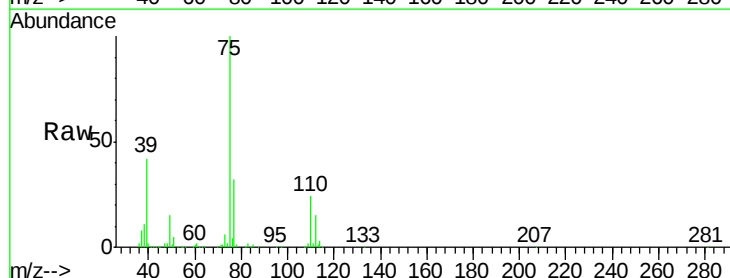
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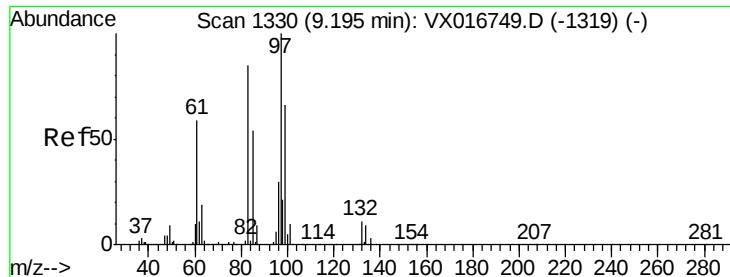
MMDadoda
6/17/2020 9:34:44 AM



#54
cis-1,3-Dichloropropene
Concen: 48.026 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	41.6	33.7	50.5





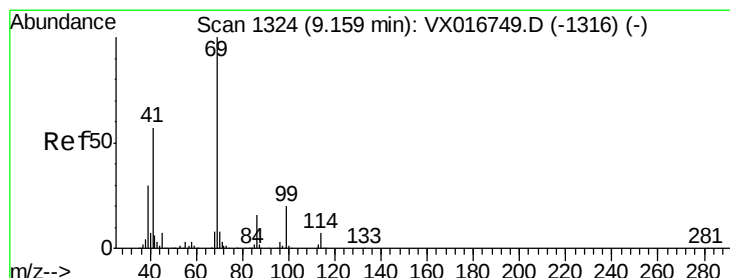
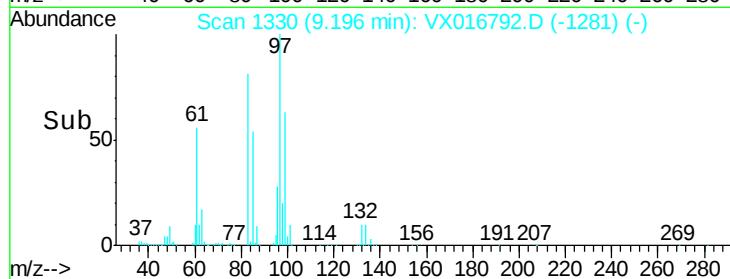
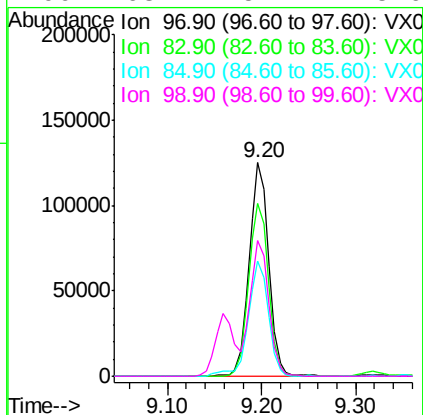
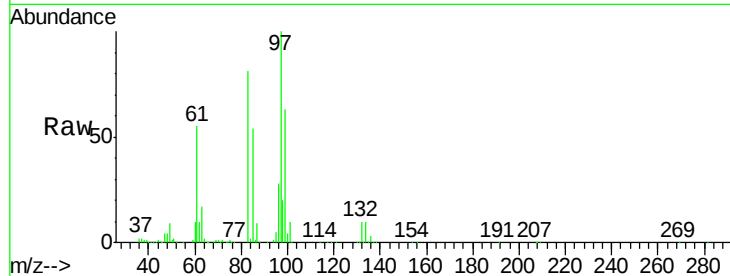
#55
 1,1,2-Trichloroethane
 Concen: 60.041 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion	Ratio	Resp	Lower	Upper
97	100	181649		
83	81.1	68.3	102.5	
85	54.0	43.5	65.3	
99	63.4	52.4	78.6	

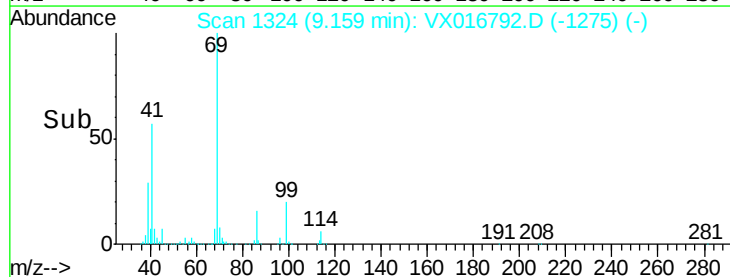
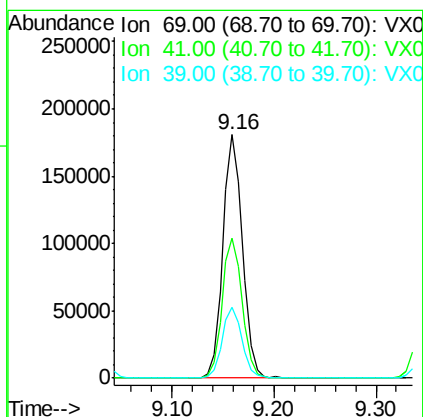
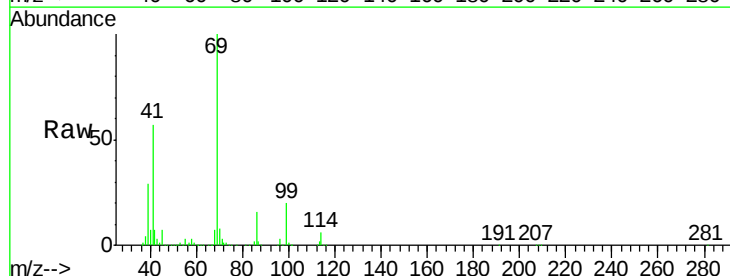
Manual Integrations
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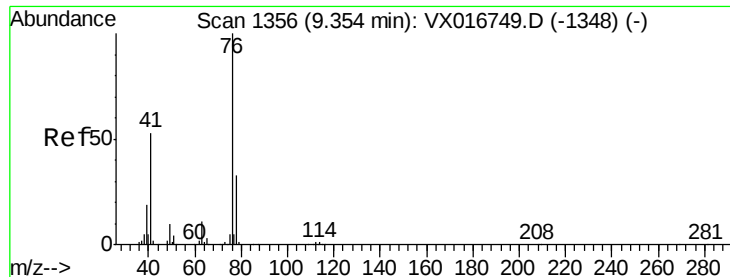
MMDadoda
 6/17/2020 9:34:44 AM



#56
 Ethyl methacrylate
 Concen: 53.311 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	241484		
41	58.9	47.1	70.7	
39	29.6	25.0	37.6	





#57

1,3-Dichloropropane

Concen: 49.835 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 76 Resp: 253440

Ion Ratio Lower Upper

76 100

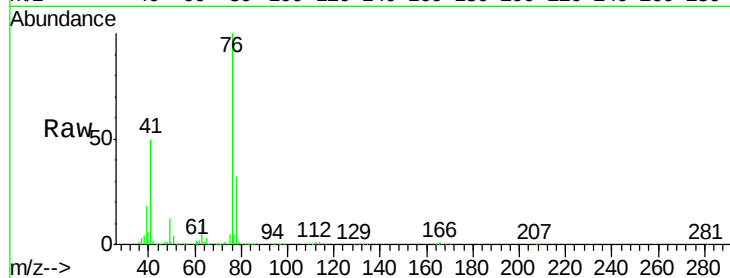
78 32.4 25.7 38.5

Manual Integrations

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MMDadoda

6/17/2020 9:34:44 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

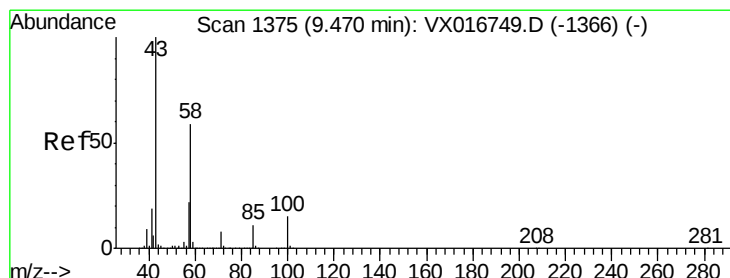
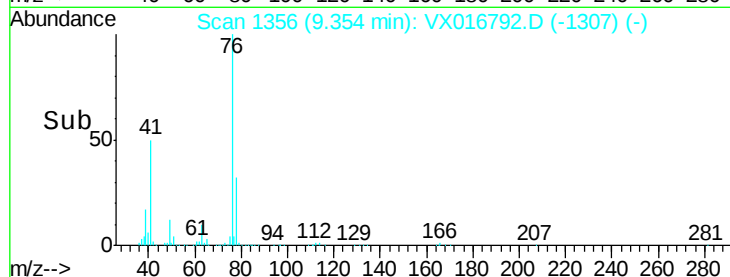
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 259.005 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX016792.D

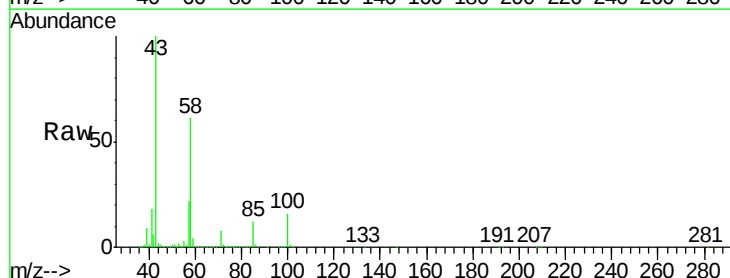
Acq: 16 Jun 2020 20:01

Tgt Ion: 43 Resp: 804396

Ion Ratio Lower Upper

43 100

58 60.5 29.9 89.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

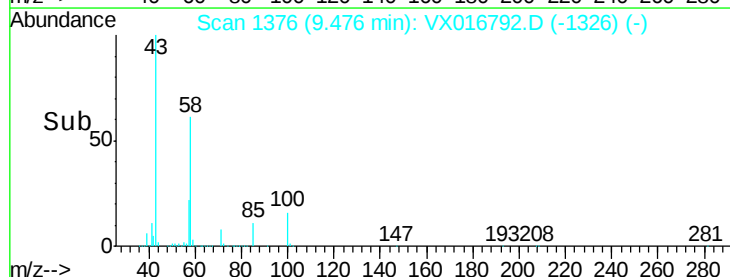
600000

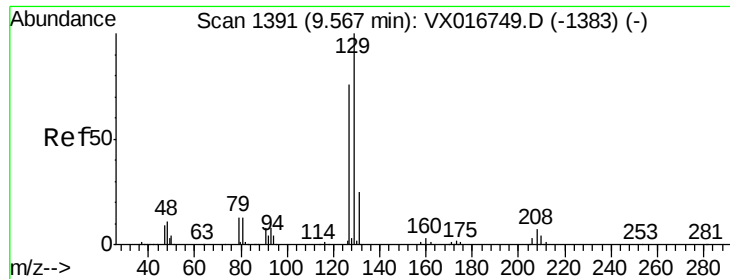
400000

200000

0

Time-->





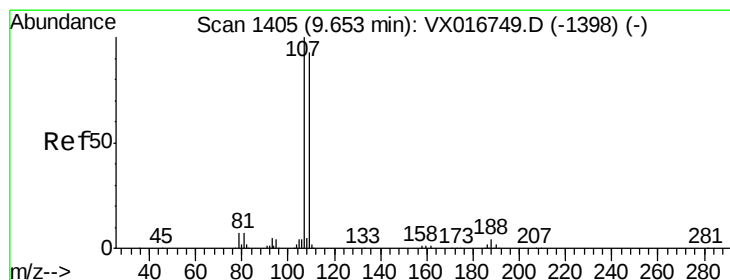
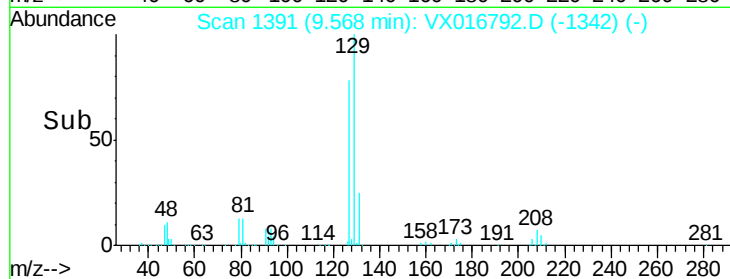
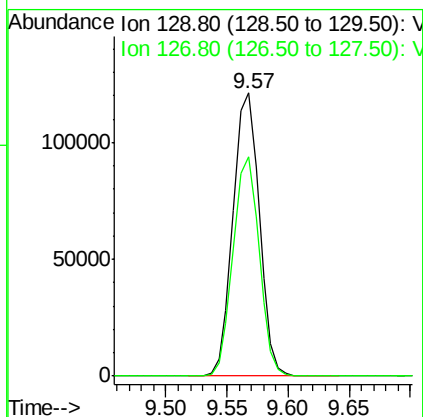
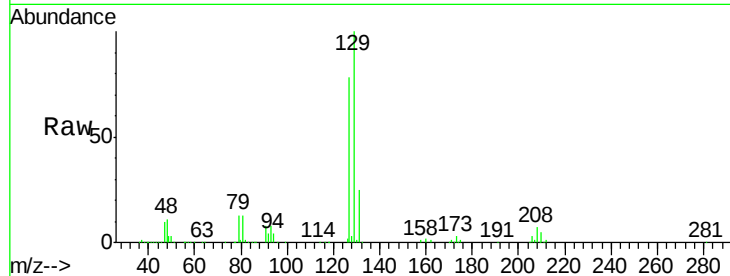
#60
Dibromochloromethane
Concen: 50.508 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion:129 Resp: 180597
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

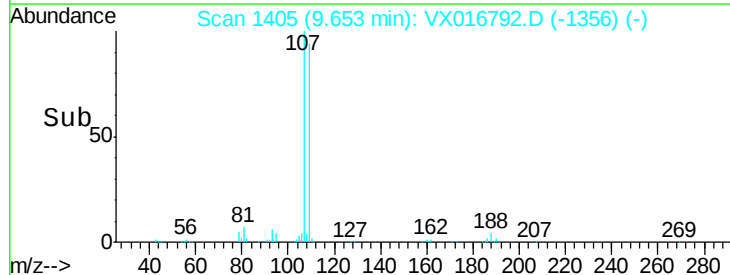
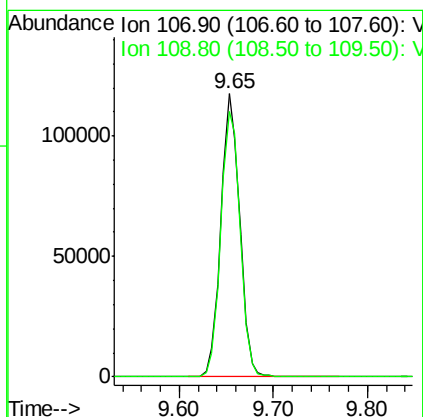
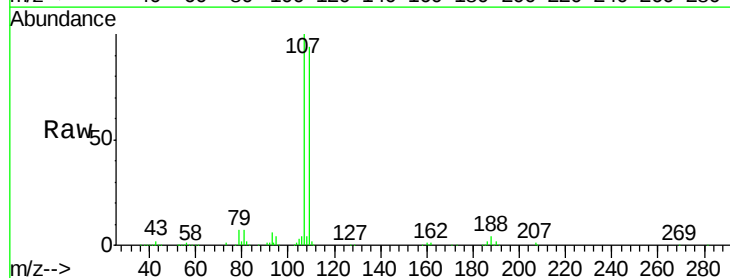
Manual Integrations
APPROVED

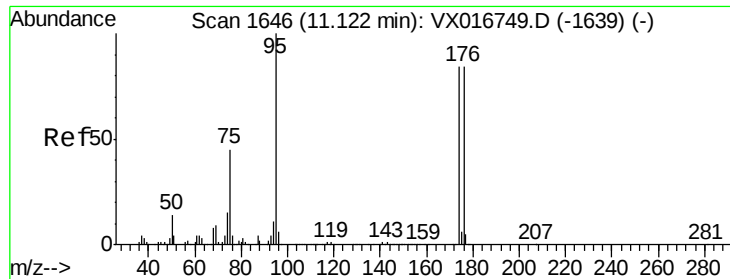
MMDadoda
6/17/2020 9:34:44 AM



#61
1,2-Dibromoethane
Concen: 49.434 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion:107 Resp: 162993
Ion Ratio Lower Upper
107 100
109 96.7 74.2 111.4





#62

4-Bromofluorobenzene

Concen: 51.613 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

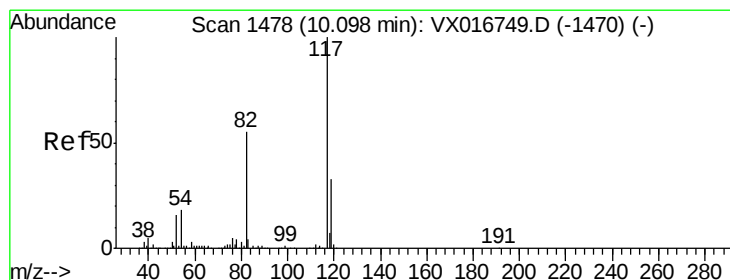
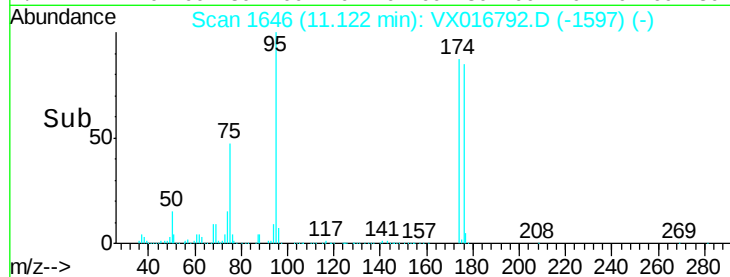
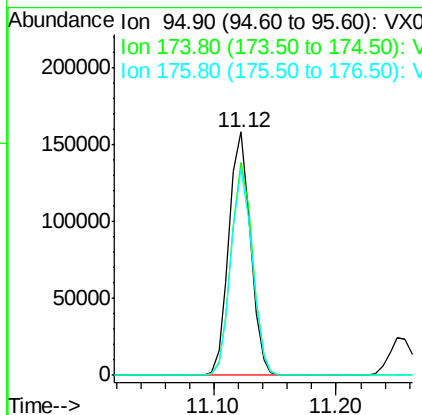
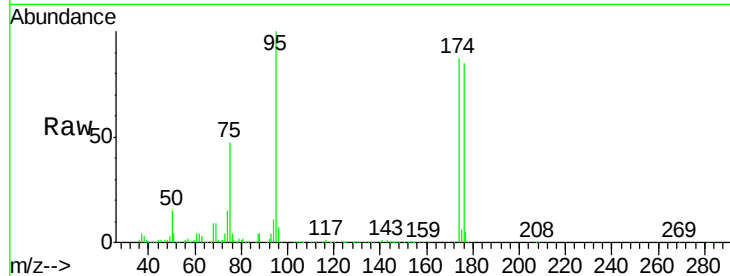
ClientSampleId :

SS043MW014-200610MS

Tot Ion:	95	Resp:	193321
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	171.0
176	83.6	0.0	166.2

Manual Integrations
APPROVED

MMDadoda
6/17/2020 9:34:44 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

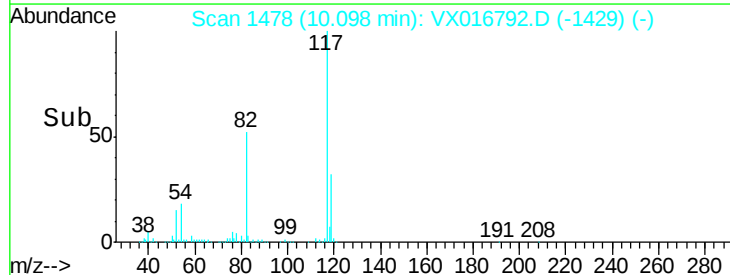
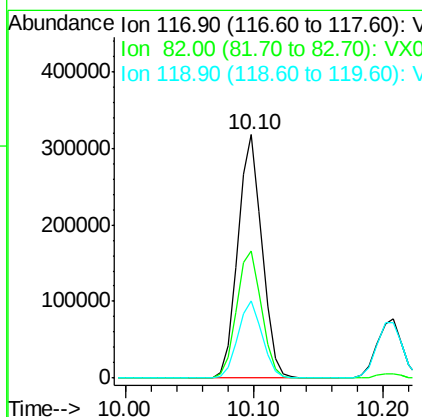
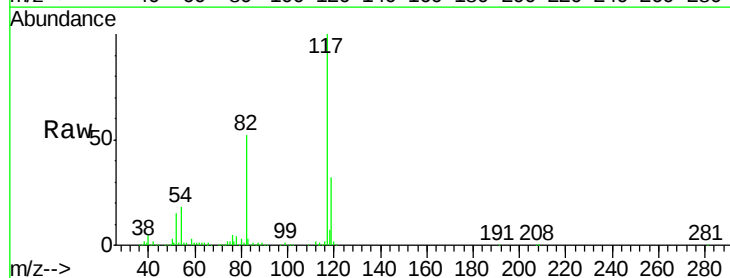
RT: 10.10 min Scan# 1478

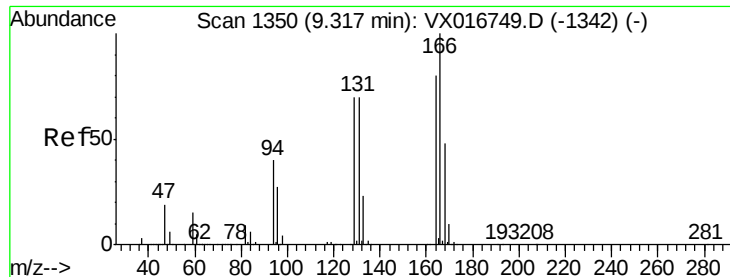
Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tgt Ion:	117	Resp:	412782
Ion Ratio	Lower	Upper	
117	100		
82	52.3	43.8	65.6
119	31.7	26.2	39.4





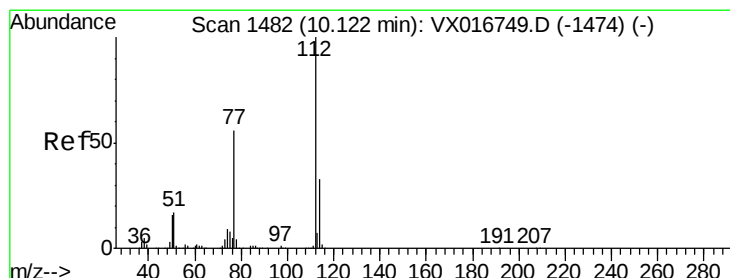
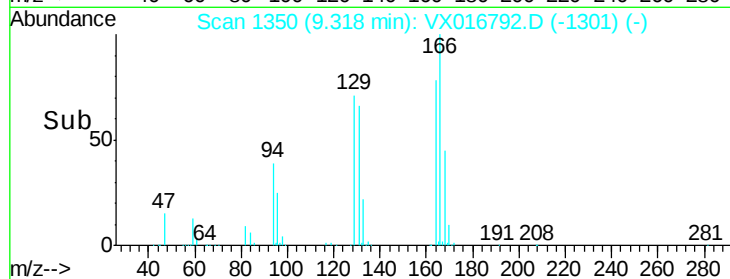
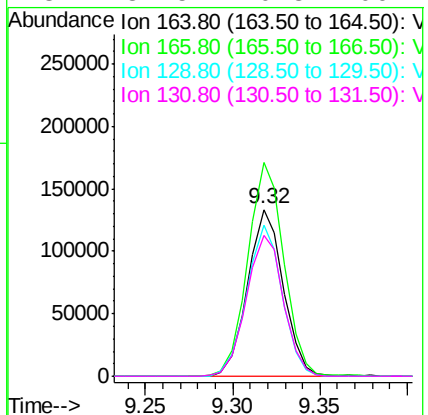
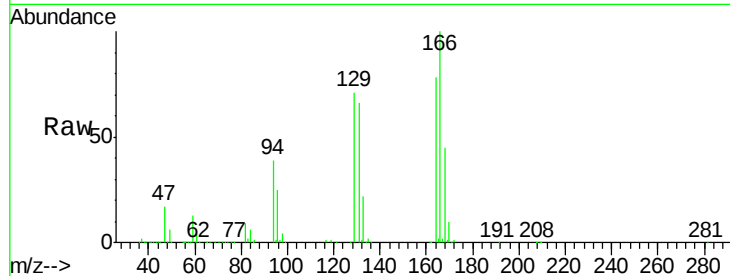
#64
Tetrachloroethene
Concen: 47.594 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.3	100.6	150.8
129	91.1	70.1	105.1
131	84.5	70.8	106.2

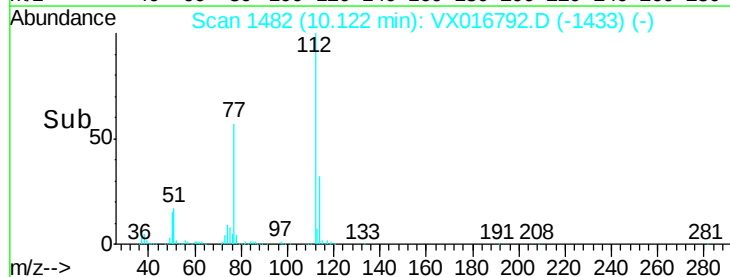
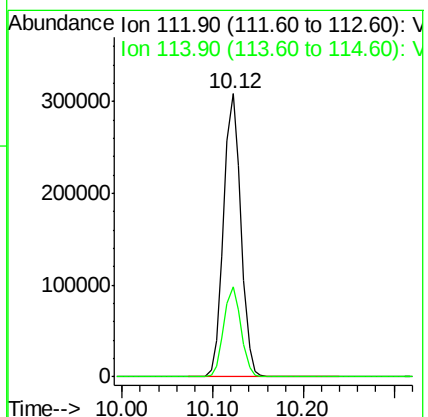
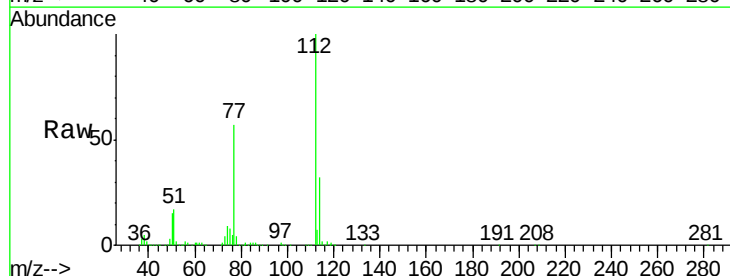
Manual Integrations
APPROVED

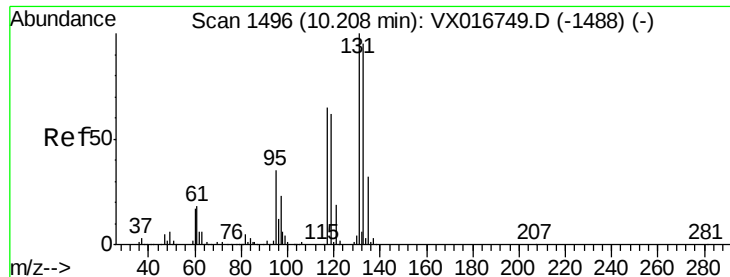
MMDadoda
6/17/2020 9:34:44 AM



#65
Chlorobenzene
Concen: 49.145 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 48.413 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

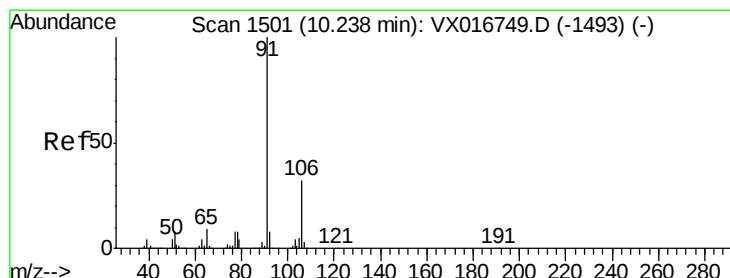
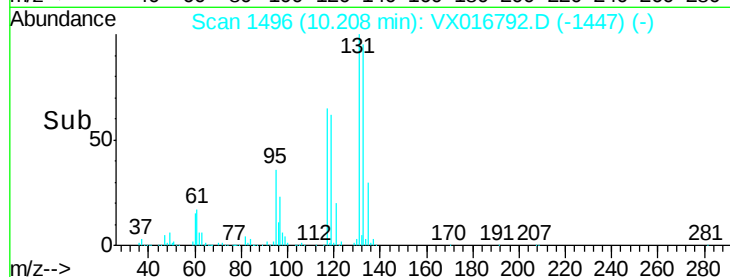
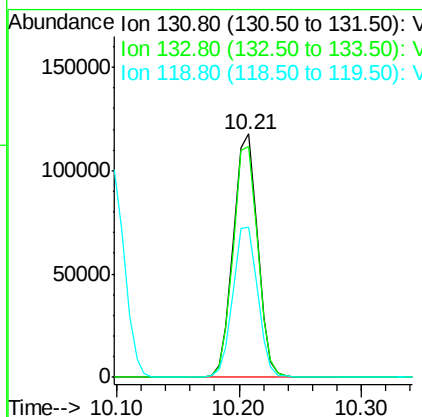
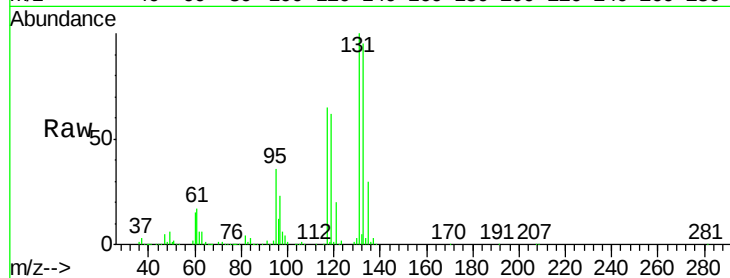
ClientSampleId :

SS043MW014-200610MS

Tot Ion:	131	Resp:	161765
Ion Ratio	Lower	Upper	
131	100		
133	96.1	46.8	140.3
119	62.8	31.4	94.0

Manual Integrations
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6/17/2020 9:34:44 AM



#67

Ethyl Benzene

Concen: 50.659 ug/l

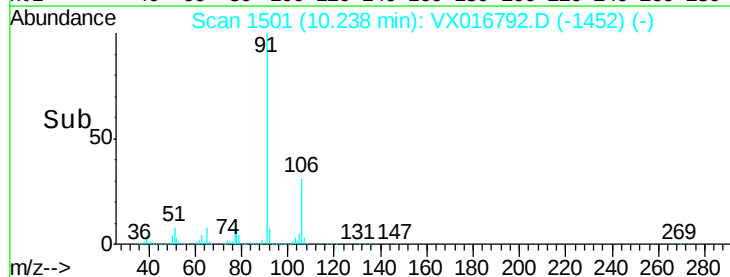
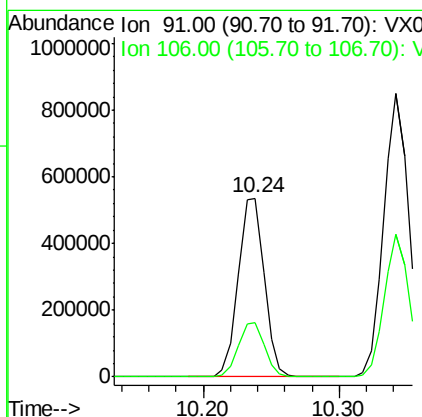
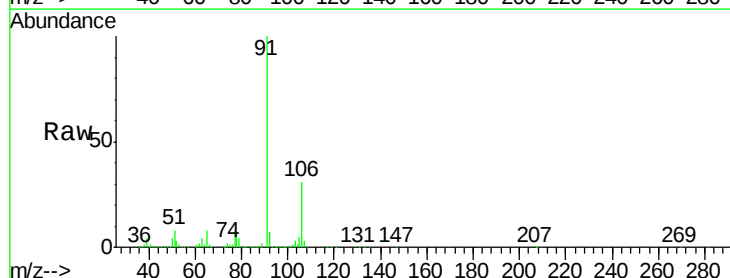
RT: 10.24 min Scan# 1501

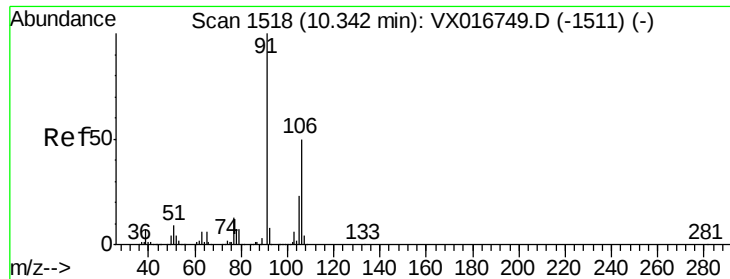
Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tgt Ion:	91	Resp:	717306
Ion Ratio	Lower	Upper	
91	100		
106	30.6	25.3	37.9





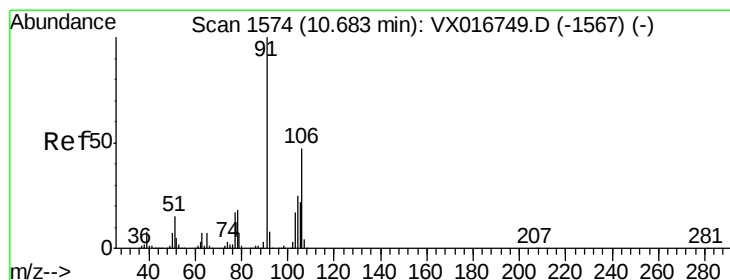
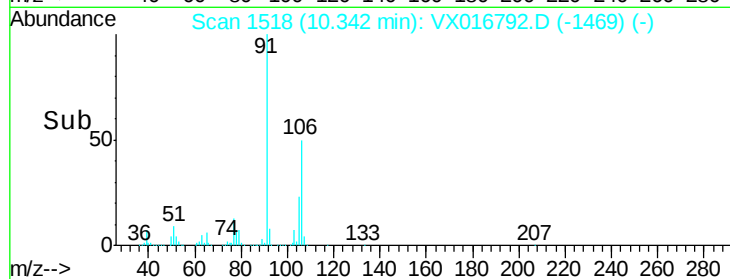
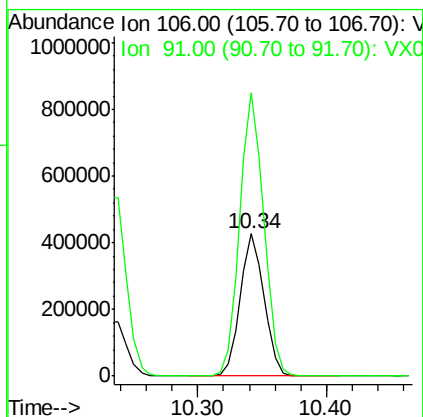
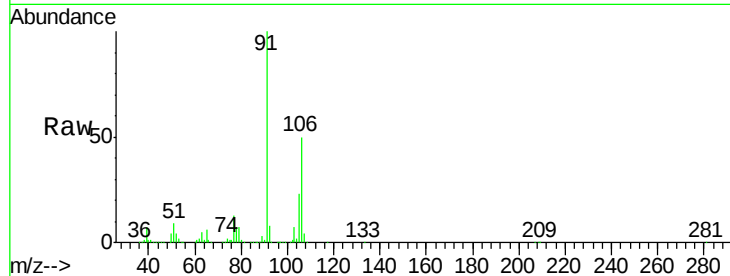
#68
m/p-Xylenes
Concen: 101.855 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion:106 Resp: 546824
Ion Ratio Lower Upper
106 100
91 200.8 161.2 241.8

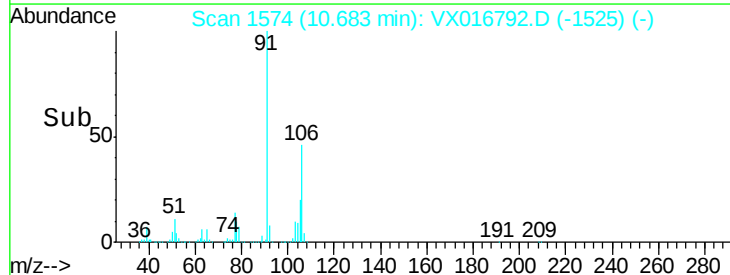
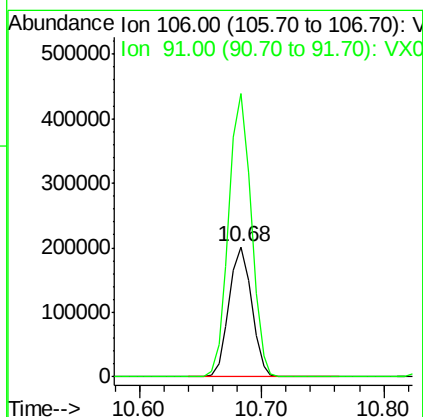
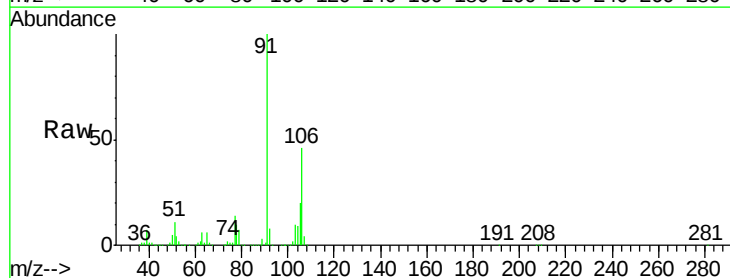
Manual Integrations
APPROVED

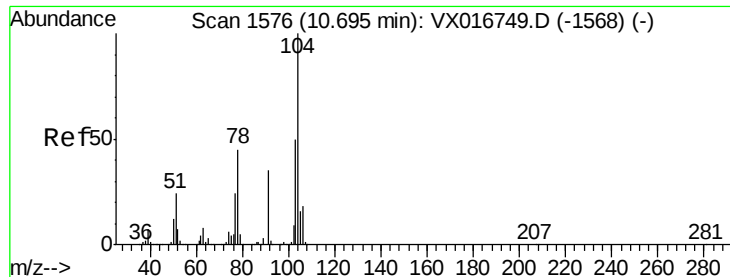
MMDadoda
6/17/2020 9:34:44 AM



#69
o-Xylene
Concen: 49.725 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion:106 Resp: 257182
Ion Ratio Lower Upper
106 100
91 217.2 106.9 320.8





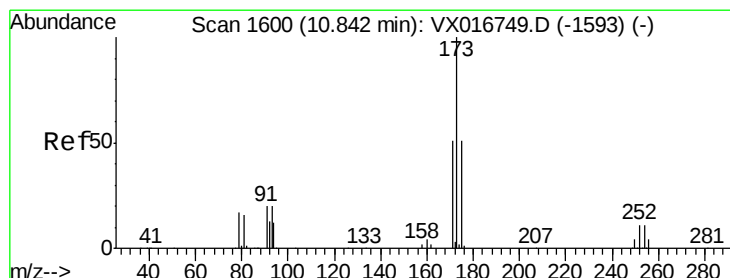
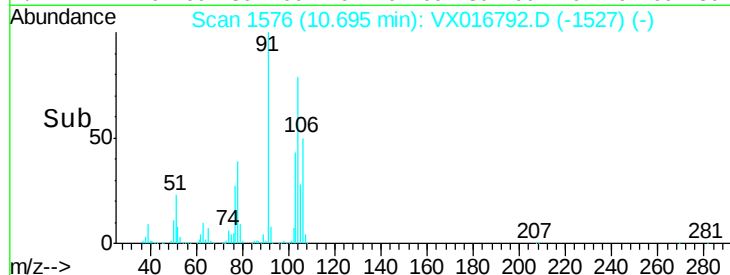
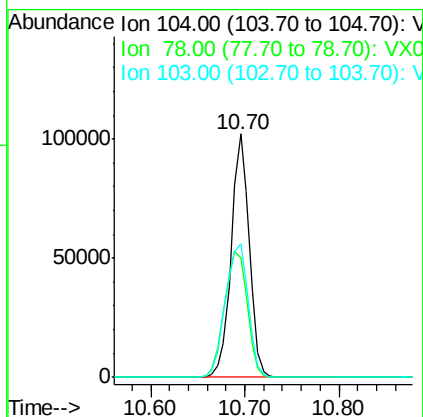
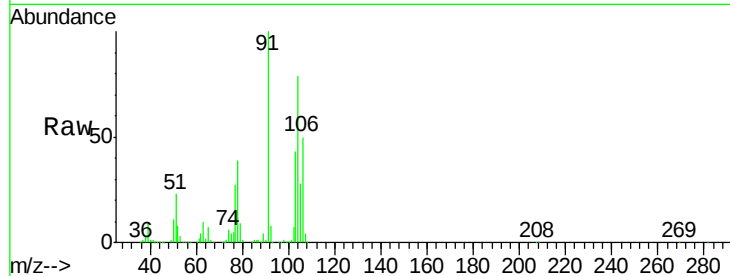
#70
Stvrene
Concen: 15.196 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100			
78	65.7	39.8	59.8#	
103	68.8	43.4	65.2#	

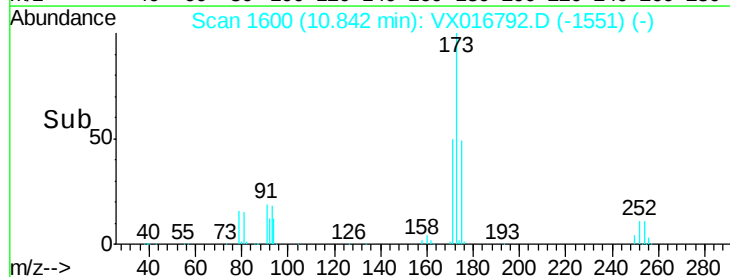
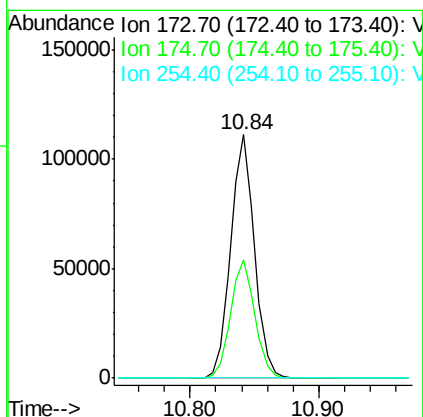
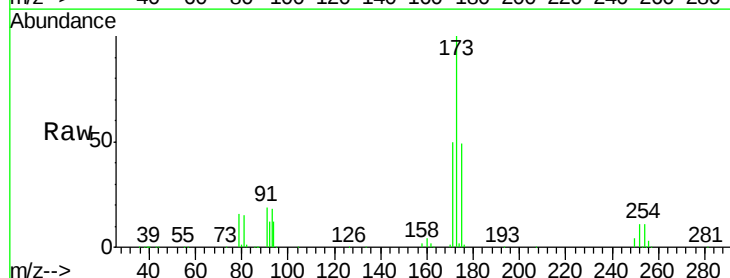
Manual Integrations
APPROVED

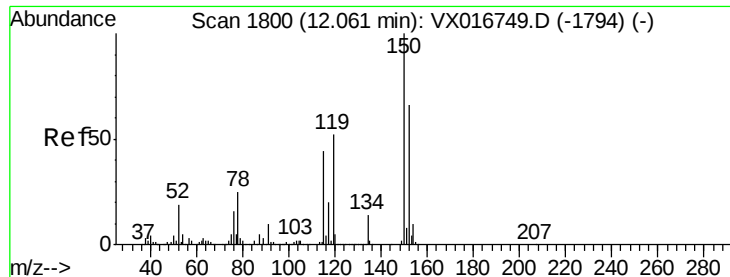
MMDadoda
6/17/2020 9:34:44 AM



#71
Bromoform
Concen: 50.247 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.5	25.1	75.4	
254	0.2	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion:152 Resp: 212802

Ion Ratio Lower Upper

152 100

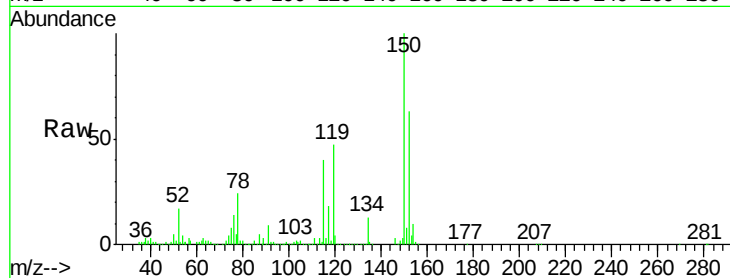
115 77.6 40.3 120.8

150 173.3 0.0 337.4

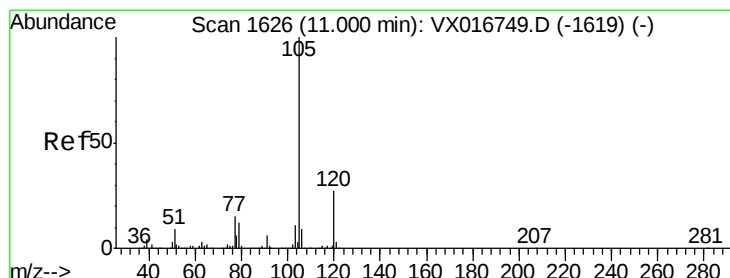
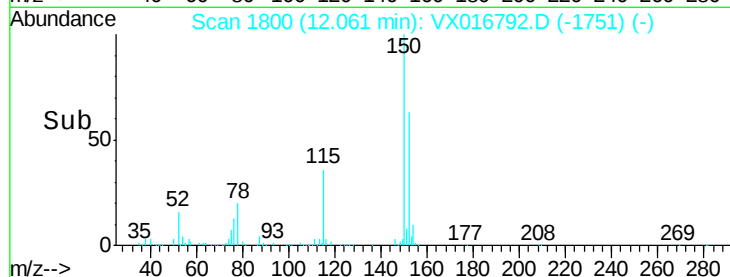
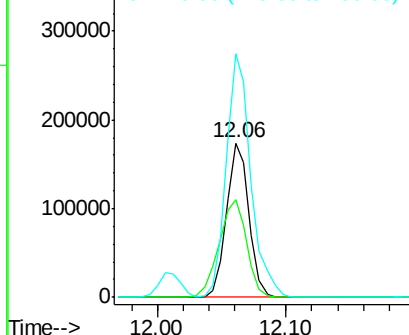
Manual Integrations
APPROVED

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6/17/2020 9:34:44 AM



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



#73

Isopropylbenzene

Concen: 49.828 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016792.D

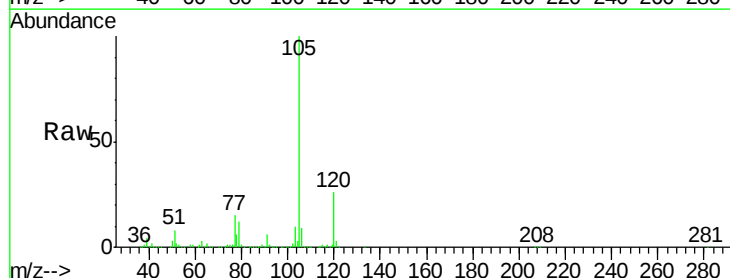
Acq: 16 Jun 2020 20:01

Tgt Ion:105 Resp: 695757

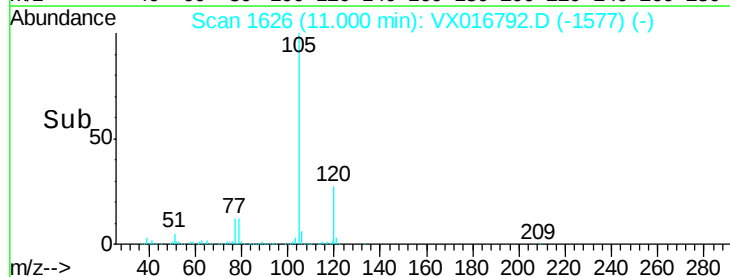
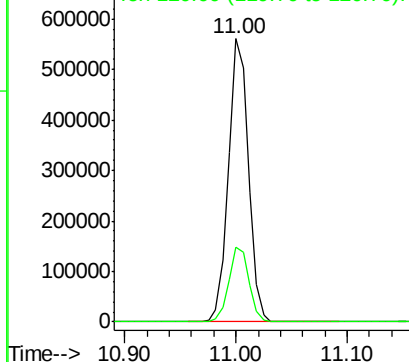
Ion Ratio Lower Upper

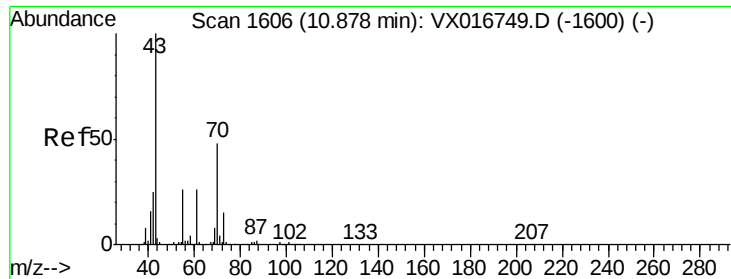
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.432 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

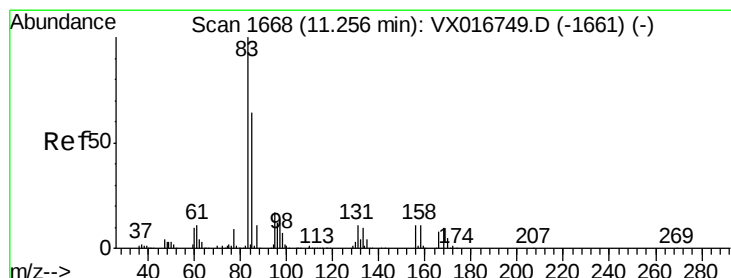
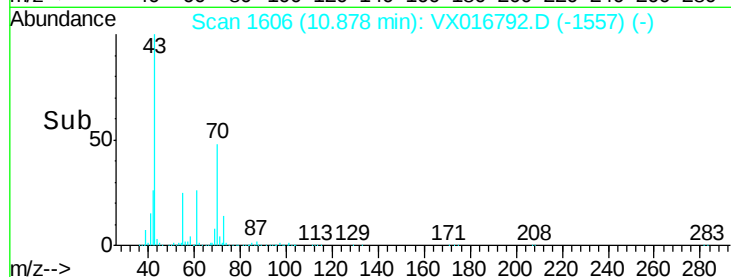
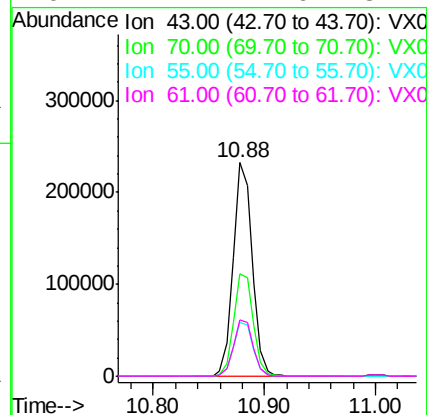
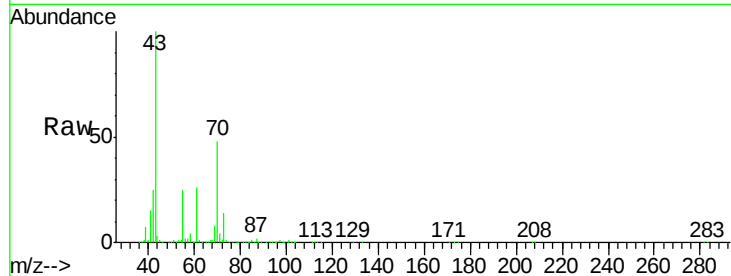
ClientSampleId :

SS043MW014-200610MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		273694		
70	49.2	39.8	59.6		
55	26.2	21.7	32.5		
61	27.1	21.6	32.4		

Manual Integrations
APPROVED

MMDadoda
6/17/2020 9:34:44 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 48.736 ug/l

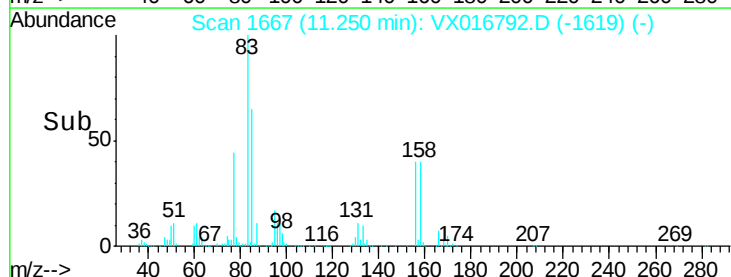
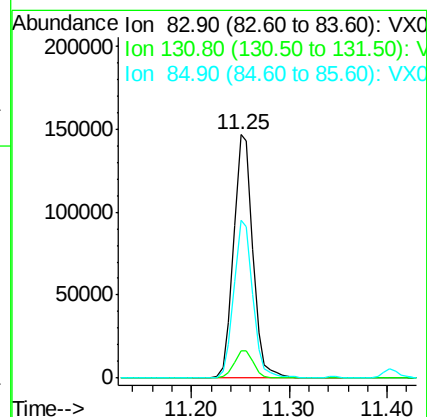
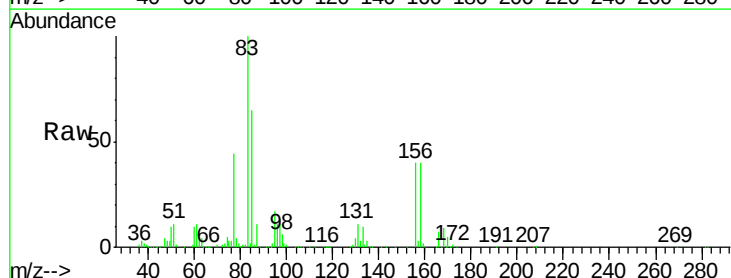
RT: 11.25 min Scan# 1667

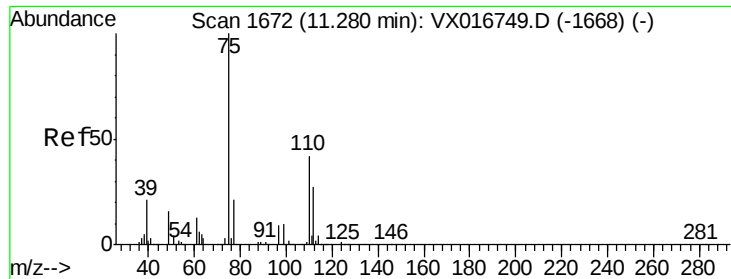
Delta R.T. -0.01 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		200179		
131	11.1	5.7	17.0		
85	64.3	32.4	97.2		





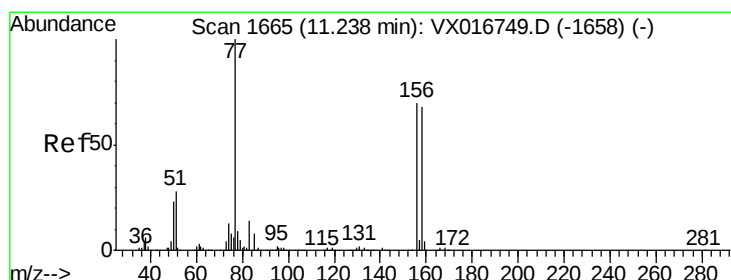
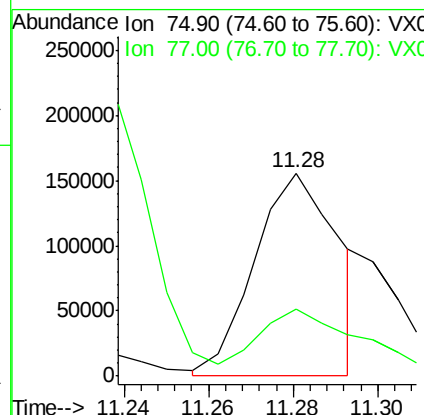
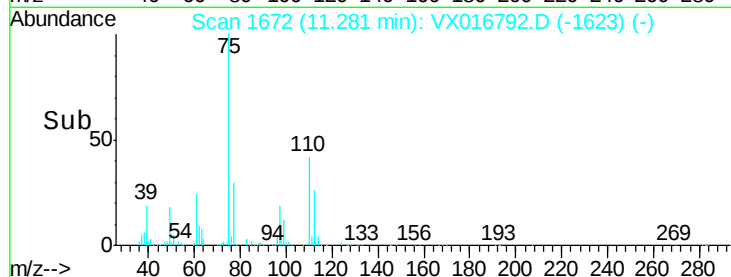
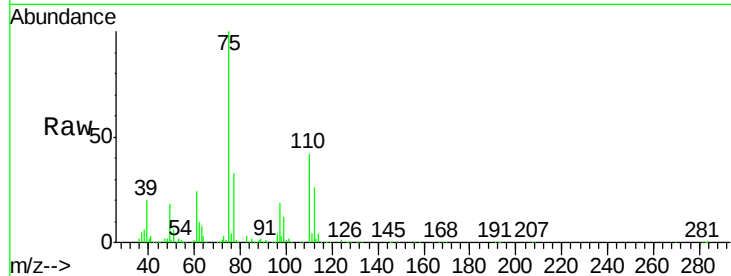
#76
 1,2,3-Trichloropropane
 Concen: 47.876 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion: 75 Resp: 214252
 Ion Ratio Lower Upper
 75 100
 77 41.1 20.3 60.9

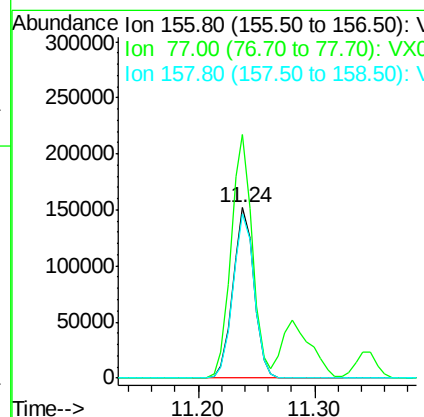
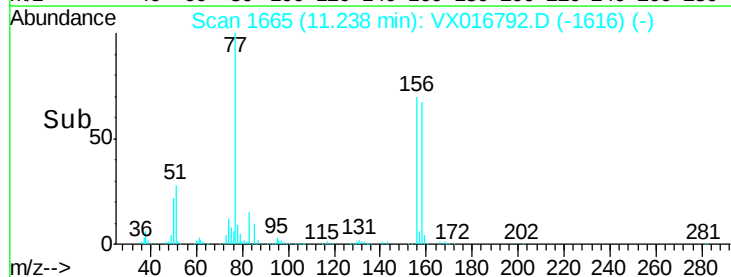
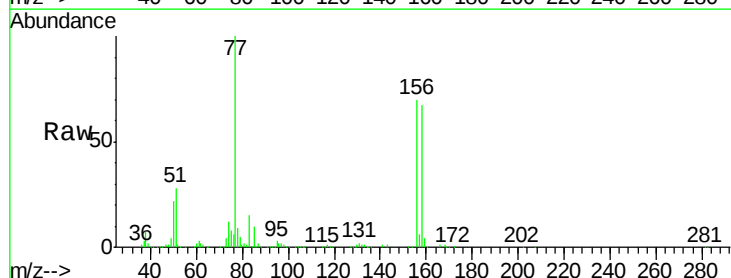
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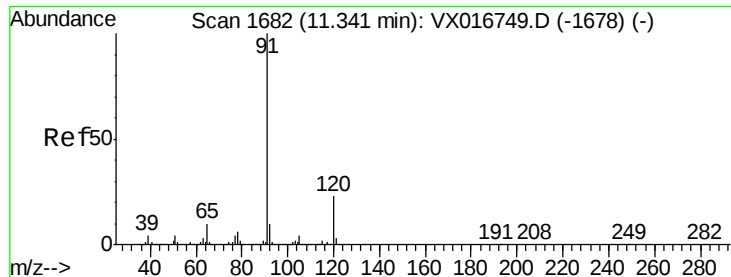
MMDadoda
 6/17/2020 9:34:44 AM



#77
 Bromobenzene
 Concen: 48.278 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion: 156 Resp: 190339
 Ion Ratio Lower Upper
 156 100
 77 144.0 73.2 219.6
 158 97.4 48.8 146.4





#78

n-propylbenzene

Concen: 50.450 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 91 Resp: 765026

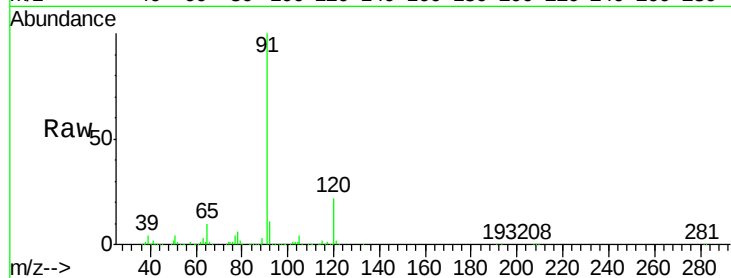
Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.0

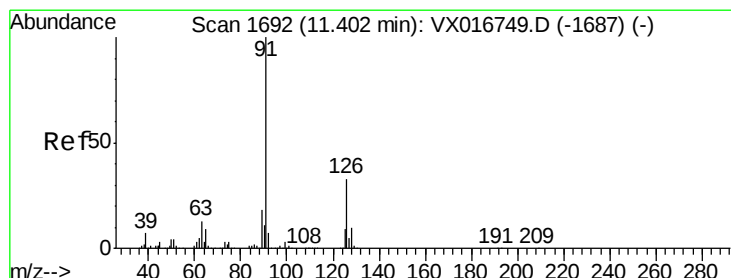
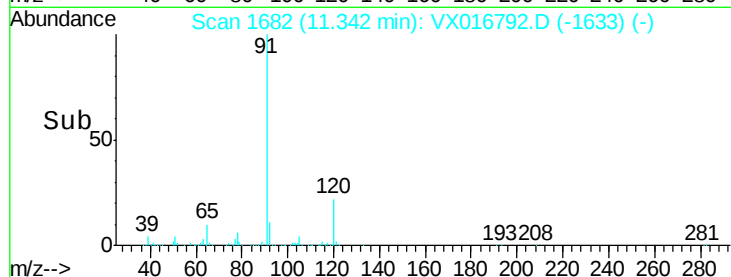
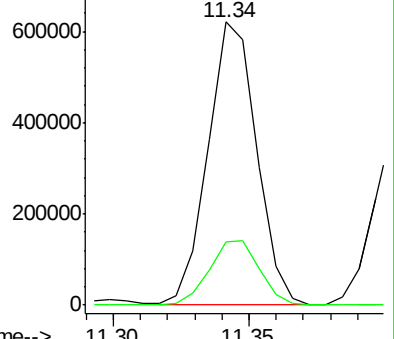
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6/17/2020 9:34:44 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.380 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016792.D

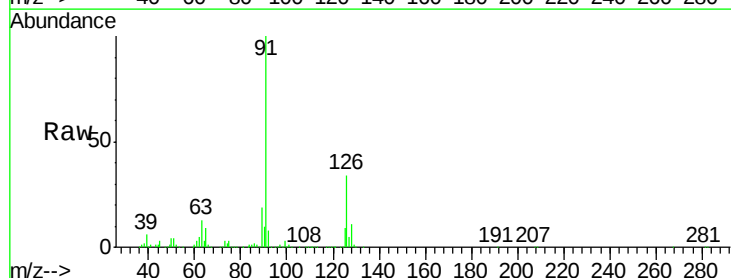
Acq: 16 Jun 2020 20:01

Tgt Ion: 91 Resp: 463914

Ion Ratio Lower Upper

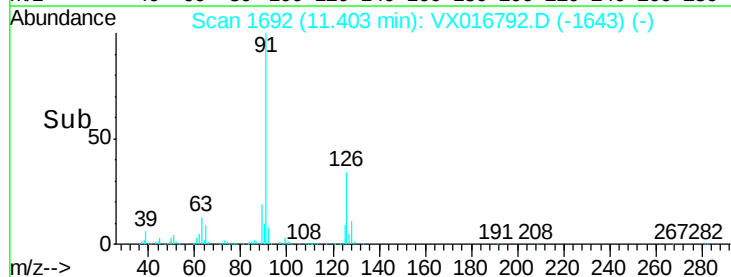
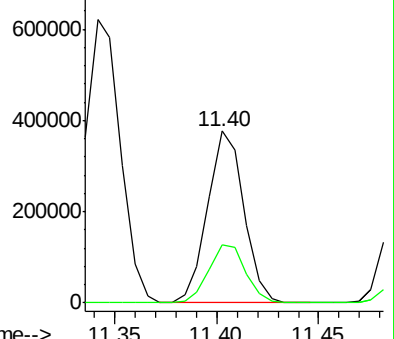
91 100

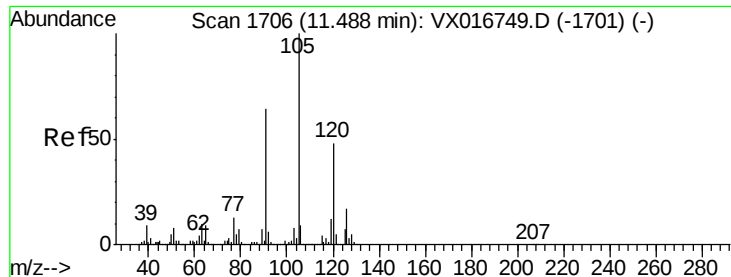
126 34.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





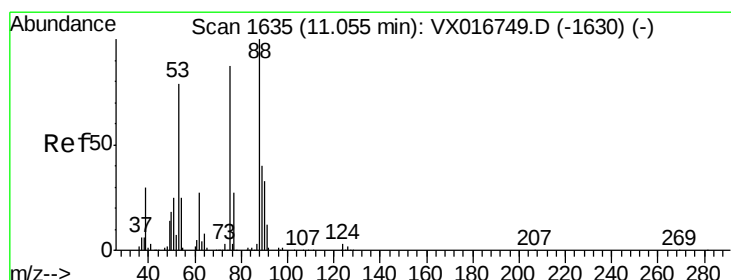
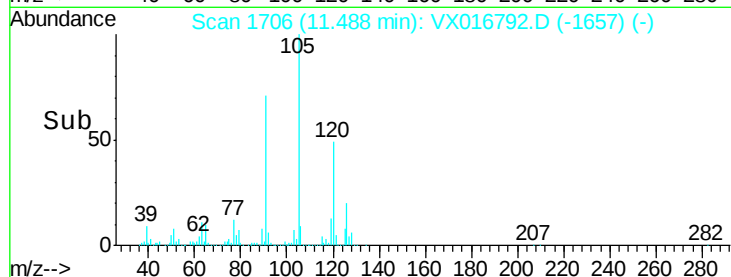
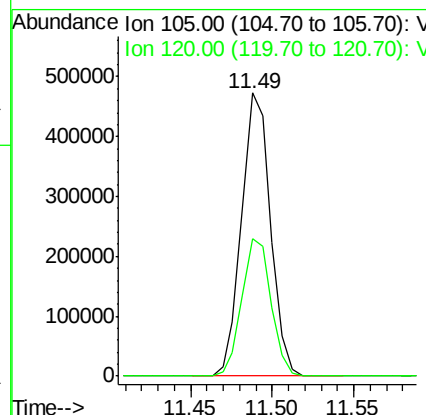
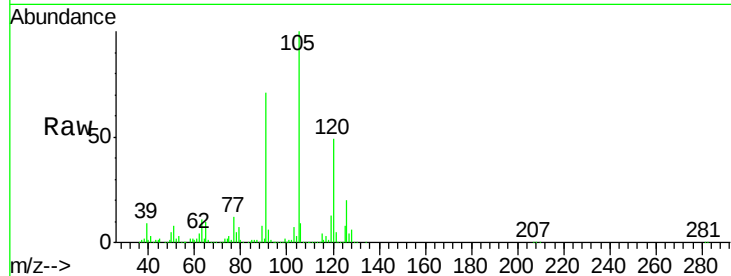
#80
 1,3,5-Trimethylbenzene
 Concen: 49.963 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.4	73.4

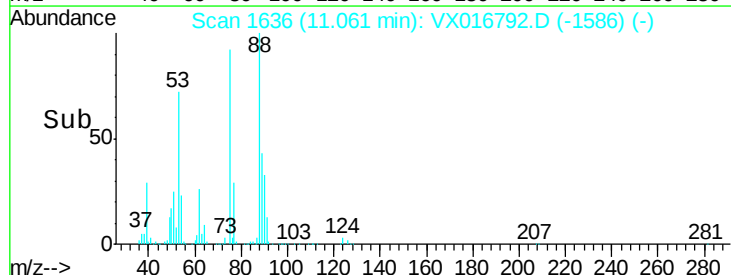
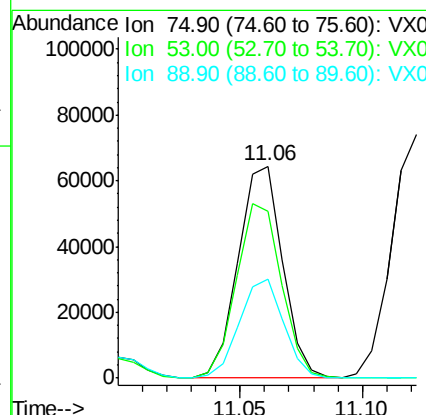
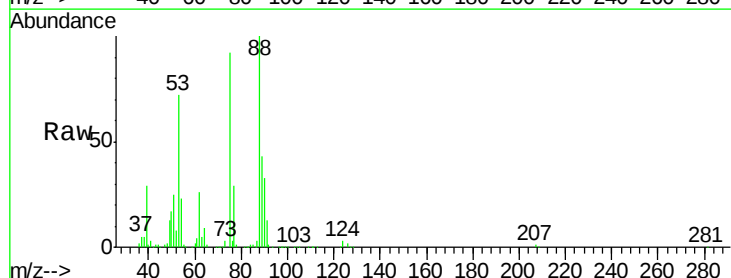
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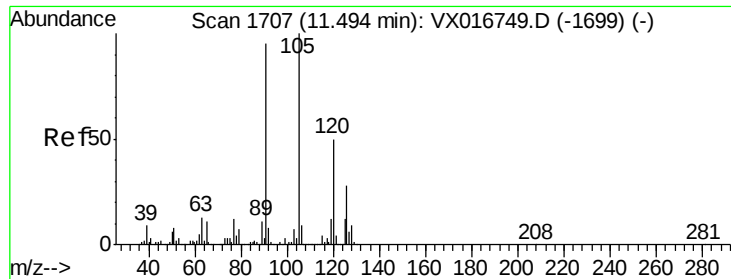
MMDadoda
 6/17/2020 9:34:44 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.650 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.3	71.4	107.0
89	47.0	39.1	58.7





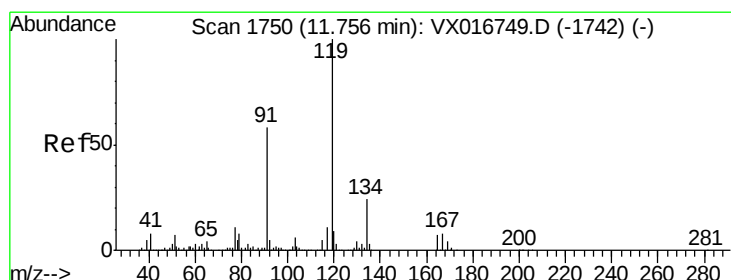
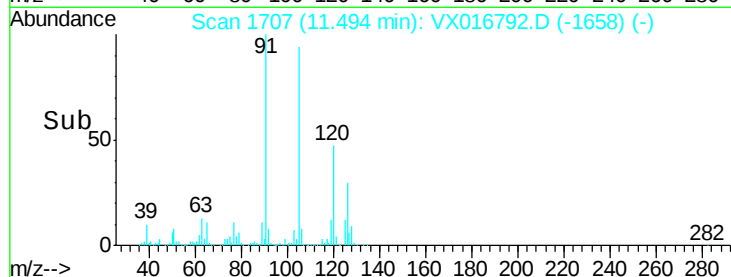
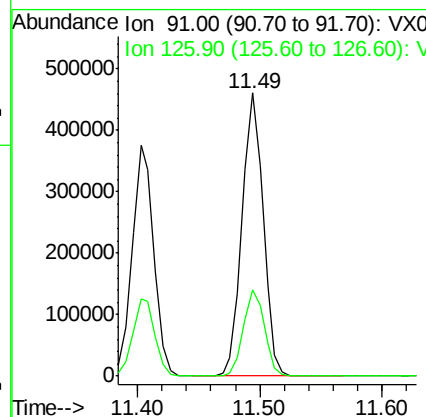
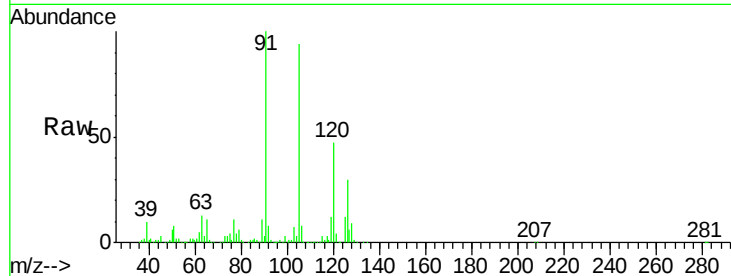
#82
4-Chlorotoluene
Concen: 48.911 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.6

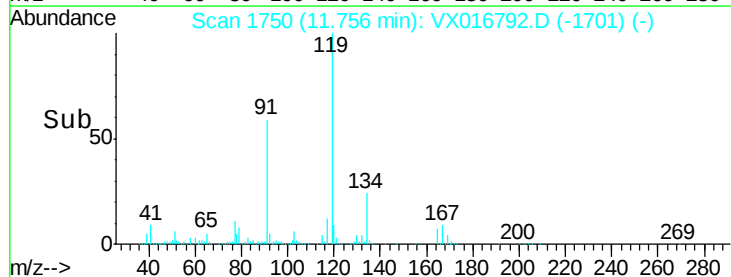
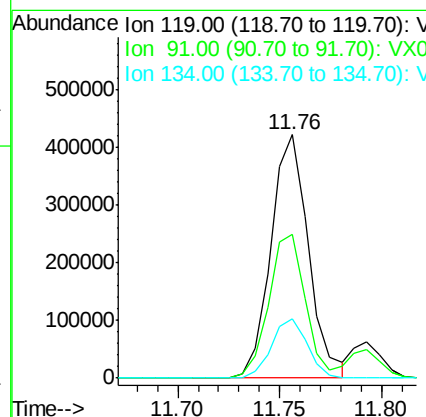
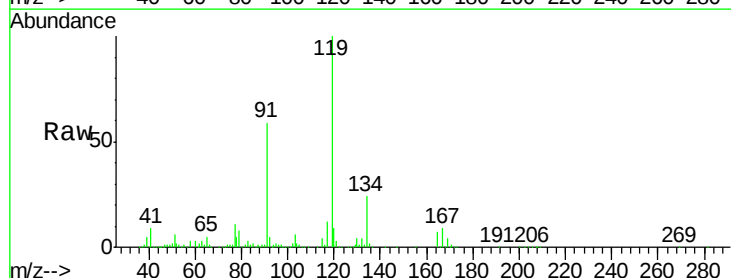
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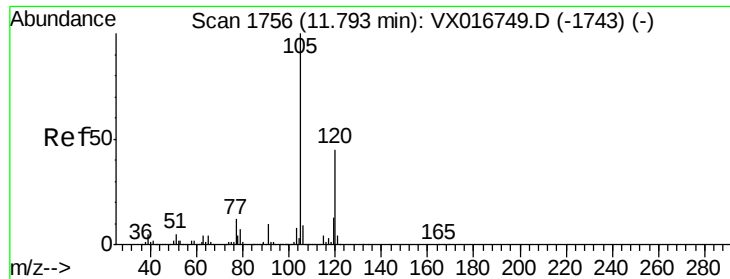
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#83
tert-Butylbenzene
Concen: 50.442 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.4	29.3	88.0
134	23.5	11.8	35.3





#84

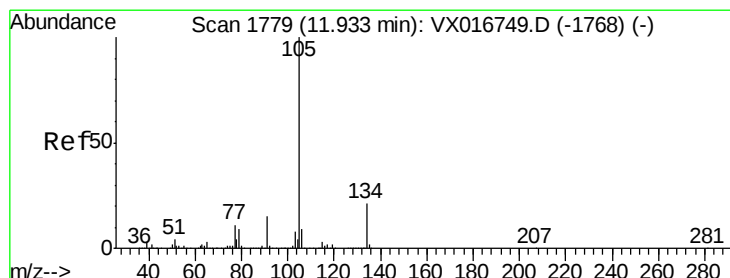
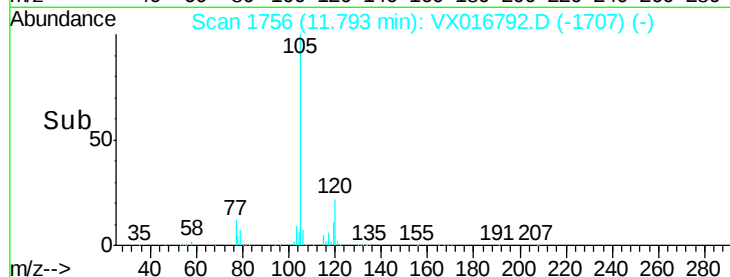
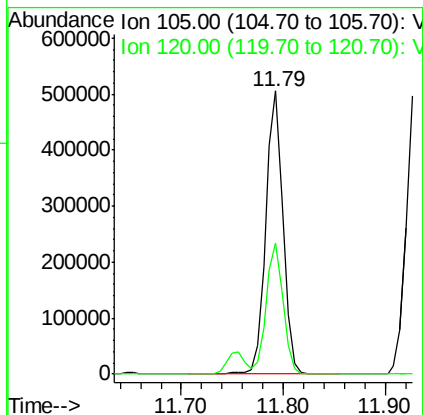
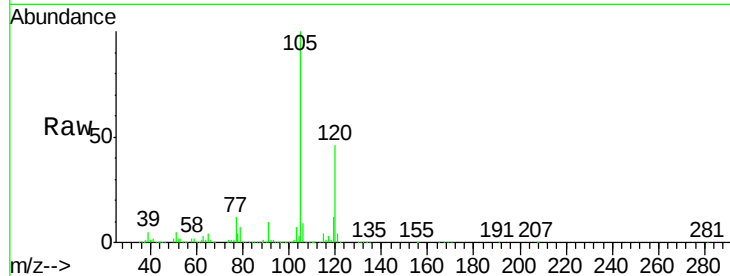
1,2,4-Trimethylbenzene
Concen: 50.128 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8

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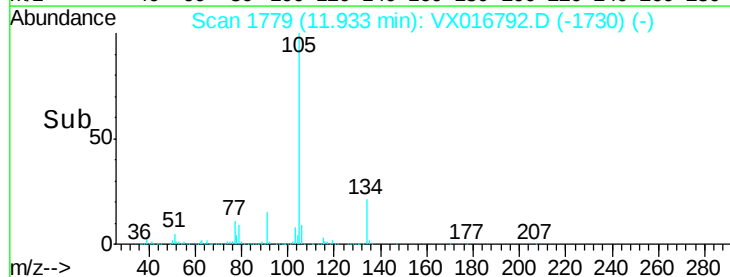
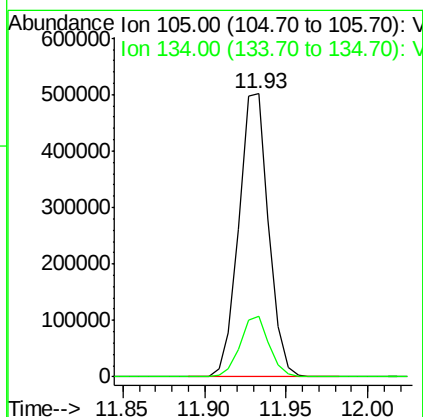
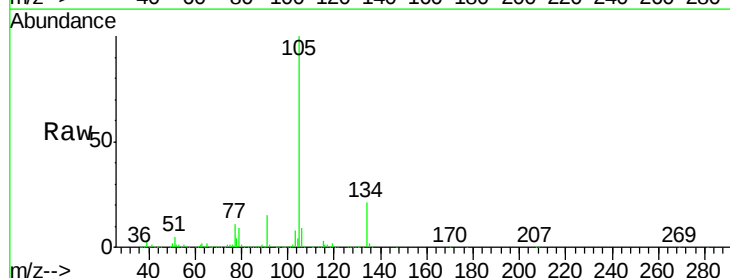
MMDadoda
6/17/2020 9:34:44 AM

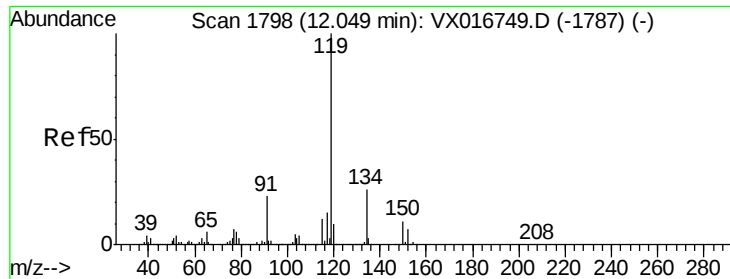


#85

sec-Butylbenzene
Concen: 50.851 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.3	30.8





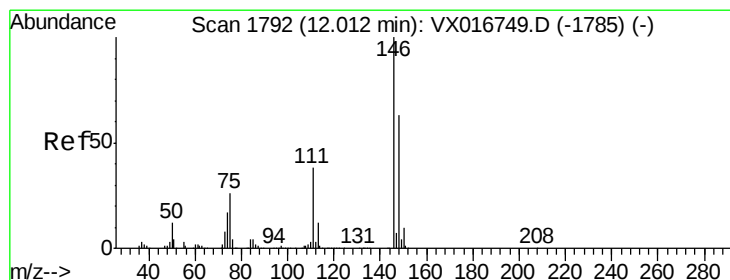
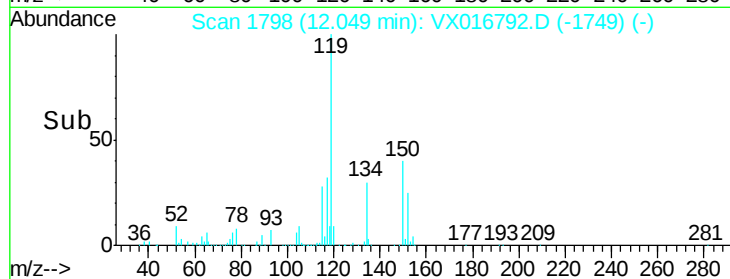
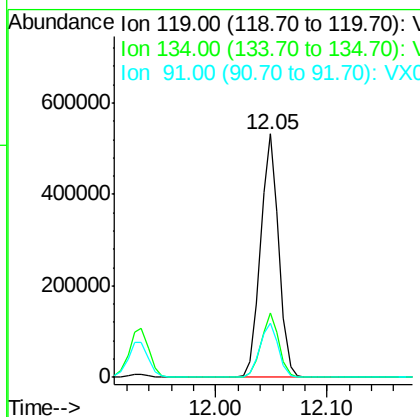
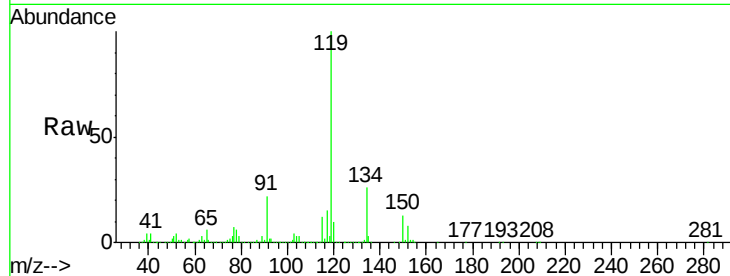
#86
 p-Isopropyltoluene
 Concen: 50.595 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	608183		
134	25.8	13.0	38.9	
91	22.5	11.6	34.7	

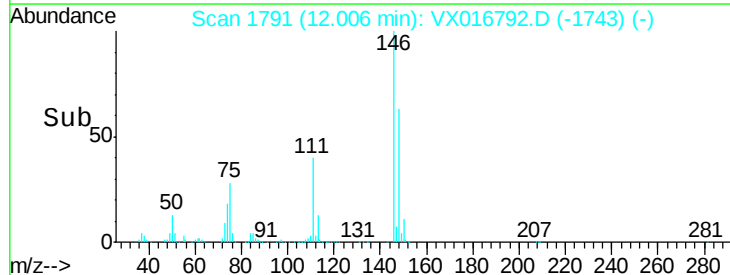
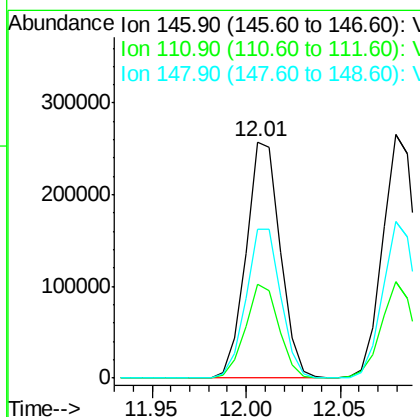
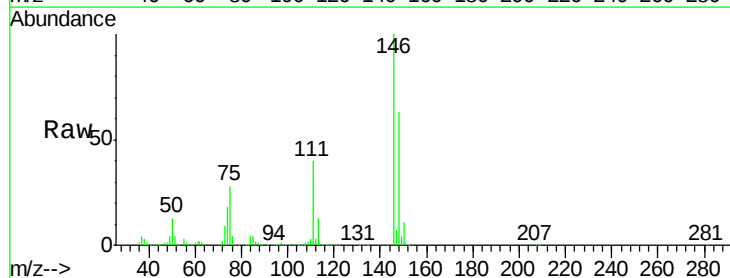
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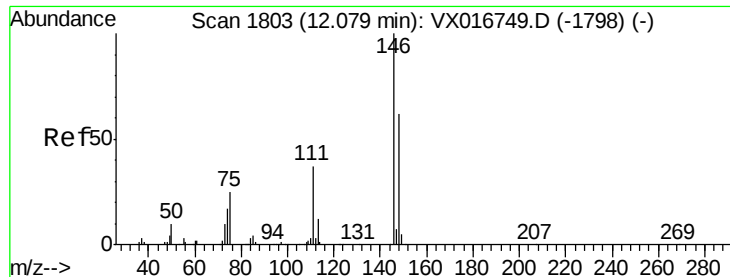
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 6/17/2020 9:34:44 AM



#87
 1,3-Dichlorobenzene
 Concen: 48.624 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	324094		
111	39.0	19.8	59.3	
148	64.3	31.9	95.7	





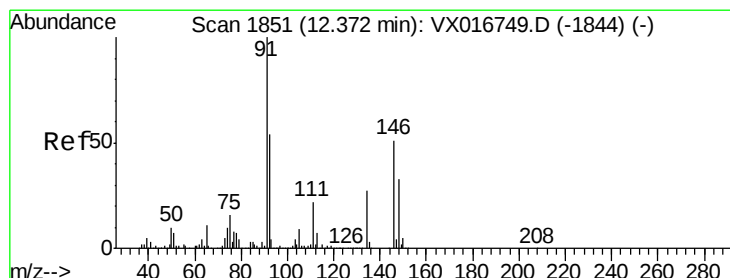
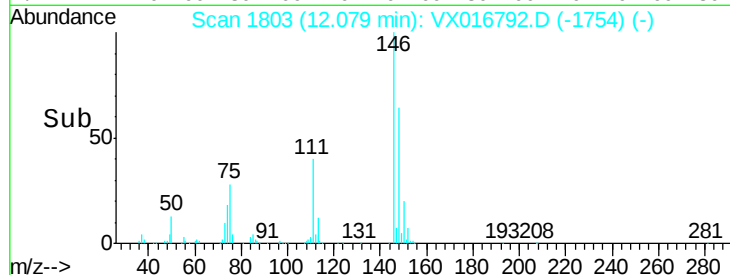
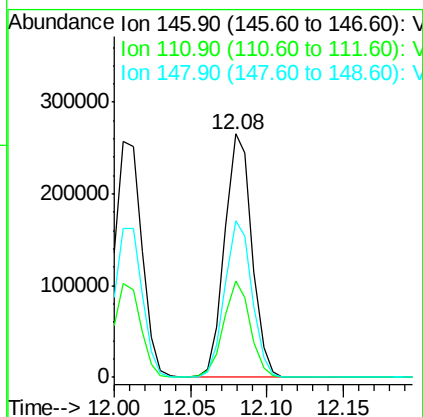
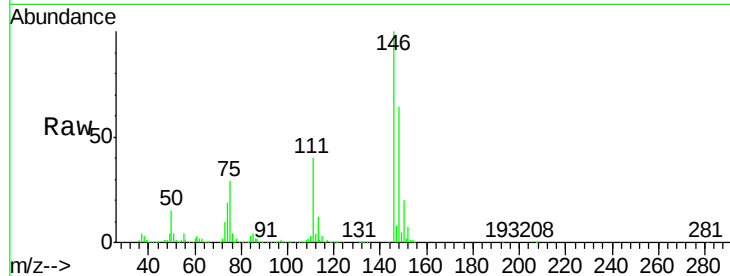
#88
 1,4-Dichlorobenzene
 Concen: 47.437 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.8
148	64.3	32.1	96.5

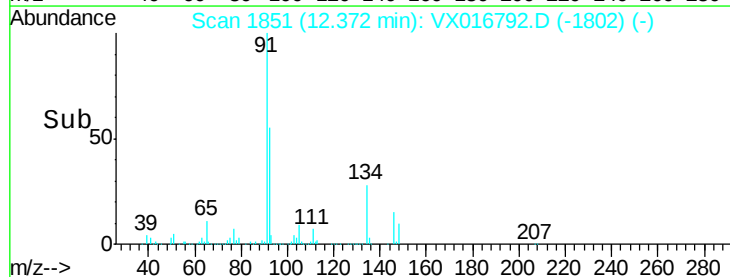
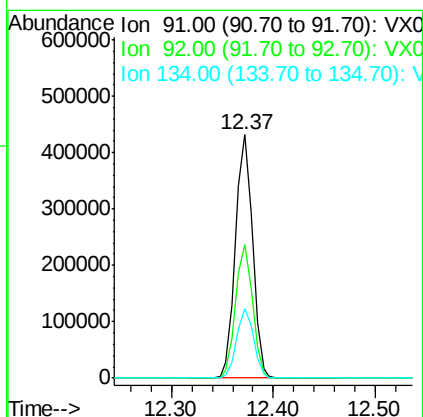
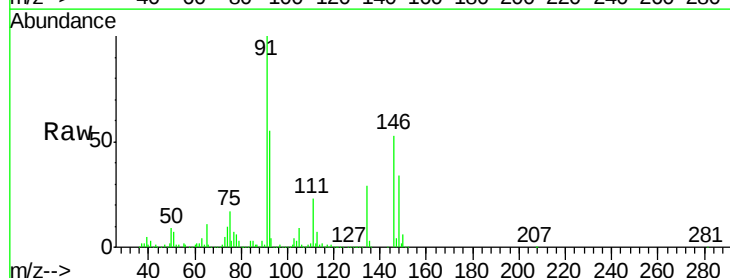
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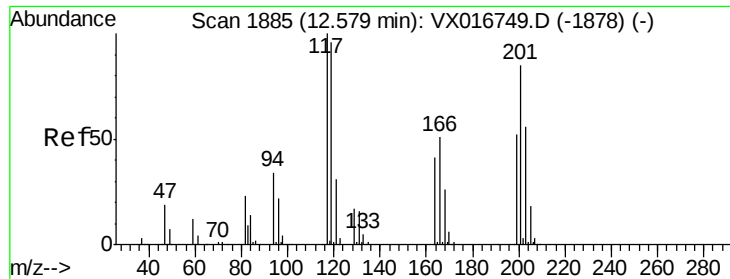
MMDadoda
 6/17/2020 9:34:44 AM



#89
 n-Butylbenzene
 Concen: 49.842 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.0	80.8
134	28.2	13.7	41.0





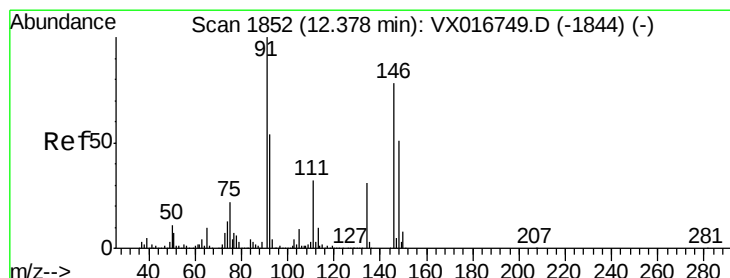
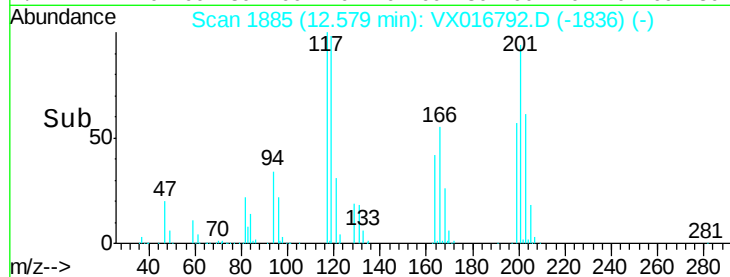
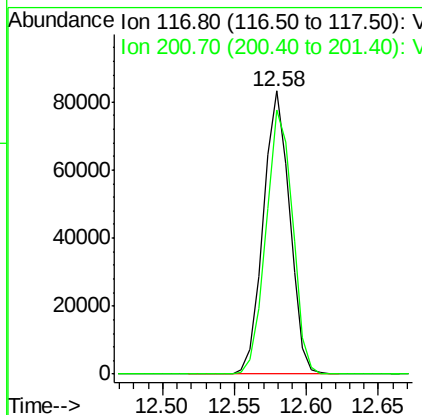
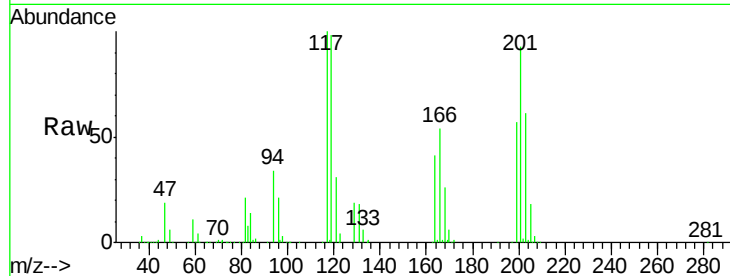
#90
Hexachloroethane
Concen: 47.273 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MS

Tot Ion:117 Resp: 104789
Ion Ratio Lower Upper
117 100
201 94.5 45.6 136.9

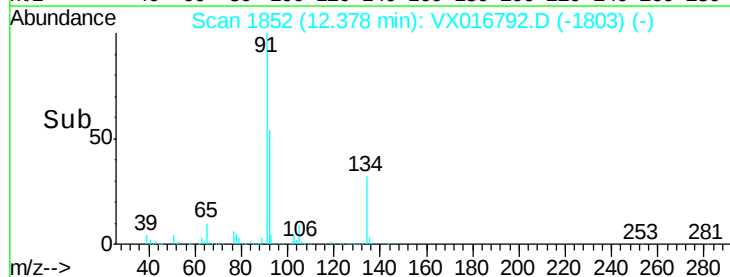
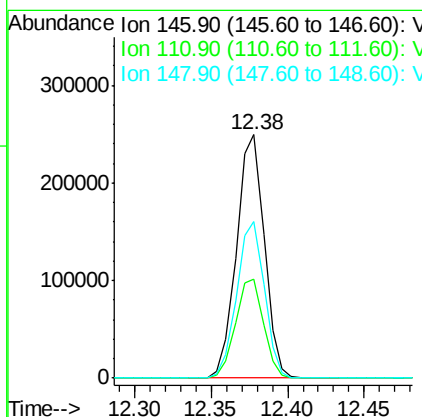
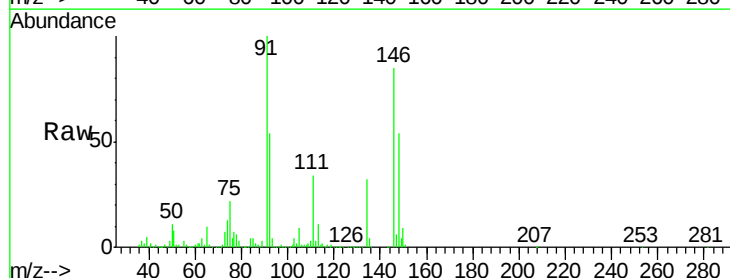
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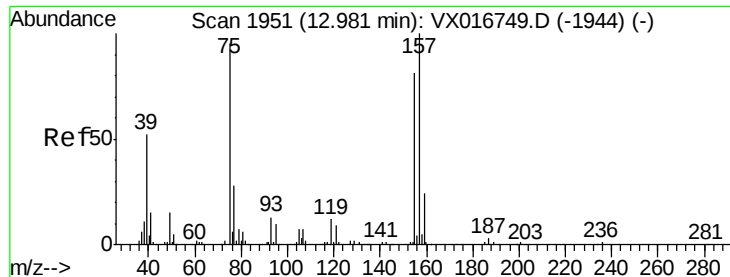
MMDadoda
6/17/2020 9:34:44 AM



#91
1,2-Dichlorobenzene
Concen: 47.022 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX016792.D
Acq: 16 Jun 2020 20:01

Tgt Ion:146 Resp: 313429
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.2
148 64.4 32.1 96.5





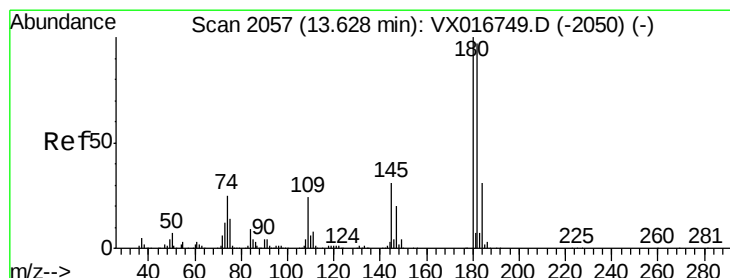
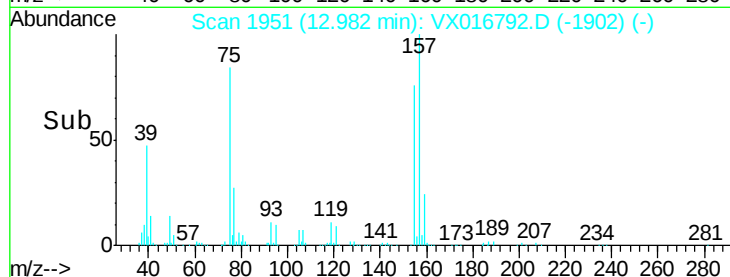
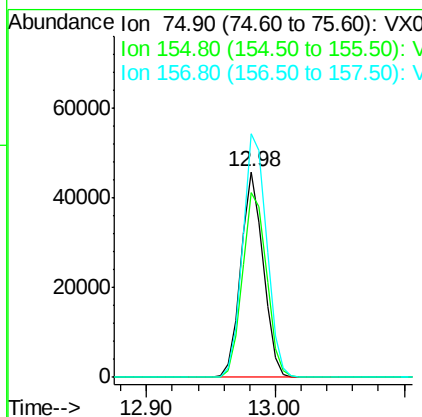
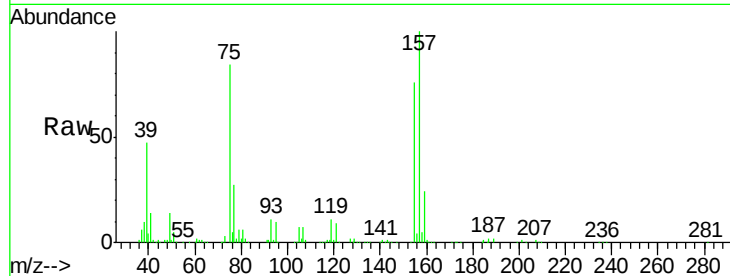
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.990 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.9	46.9	140.7
157	126.2	59.6	178.7

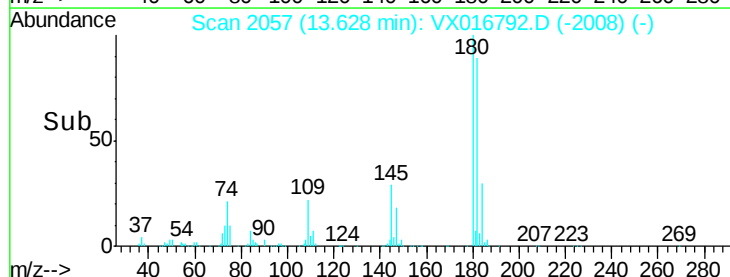
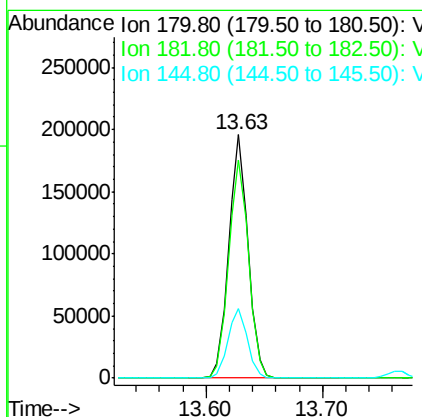
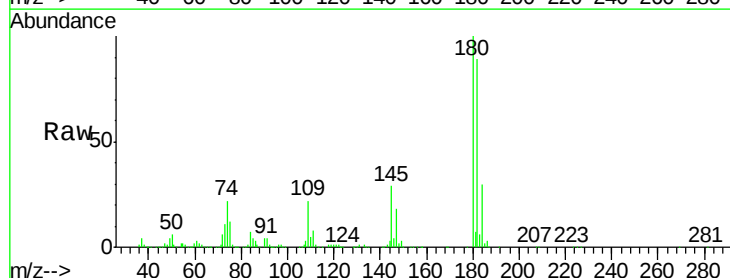
Manual Integrations
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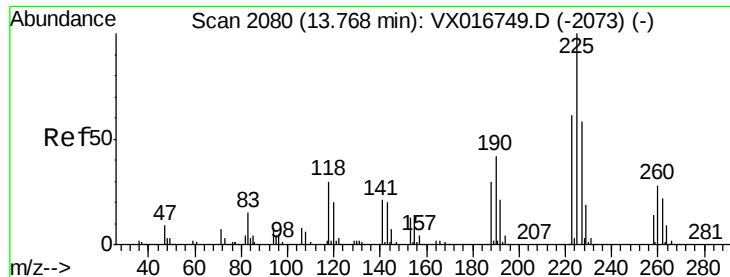
MMDadoda
 6/17/2020 9:34:44 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.154 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.6	145.8
145	29.0	15.4	46.4





#94

Hexachlorobutadiene

Concen: 45.168 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016792.D

Acq: 16 Jun 2020 20:01

Instrument :

MSVOA_X

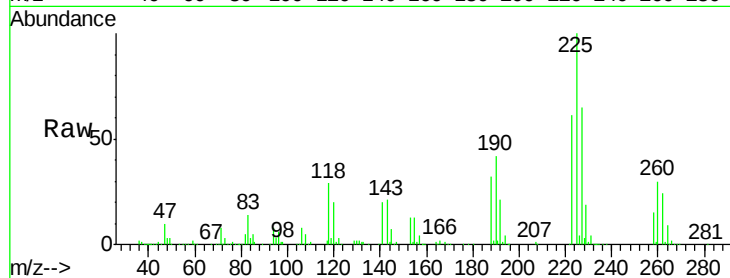
ClientSampleId :

SS043MW014-200610MS

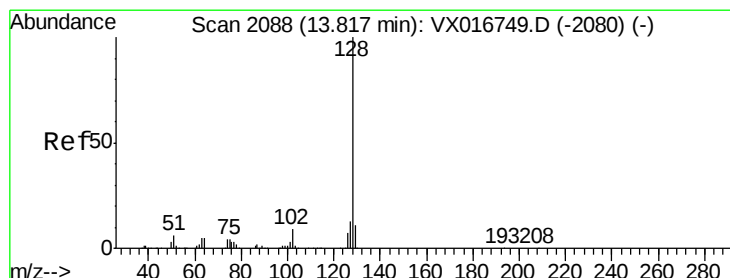
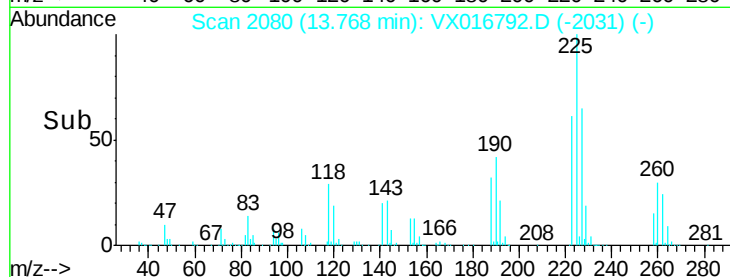
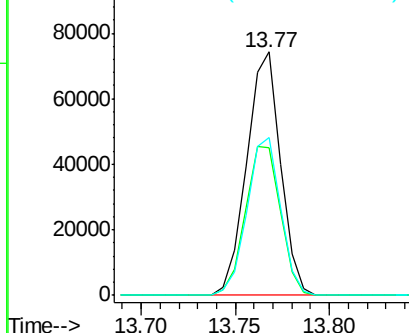
Tot Ion:	225	Resp:	92695
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.1	93.5
227	64.1	30.9	92.7

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



#95

Naphthalene

Concen: 50.204 ug/l

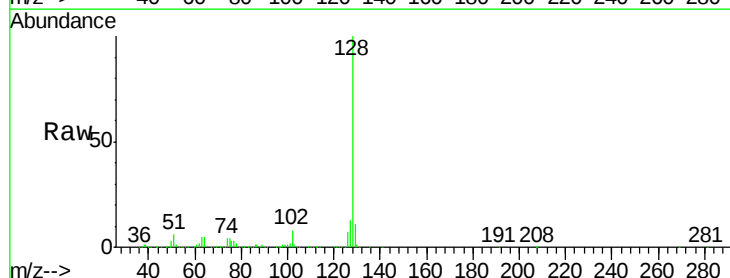
RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

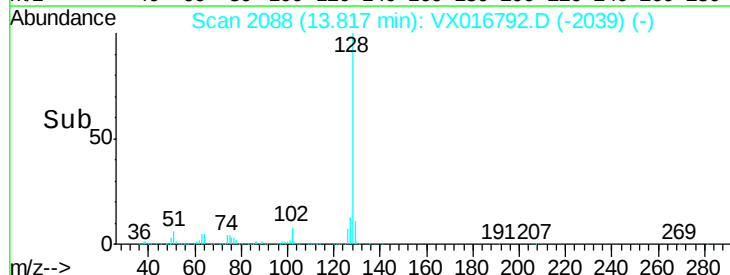
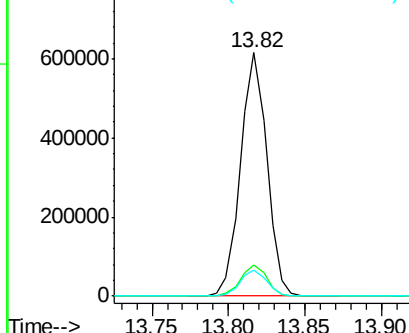
Lab File: VX016792.D

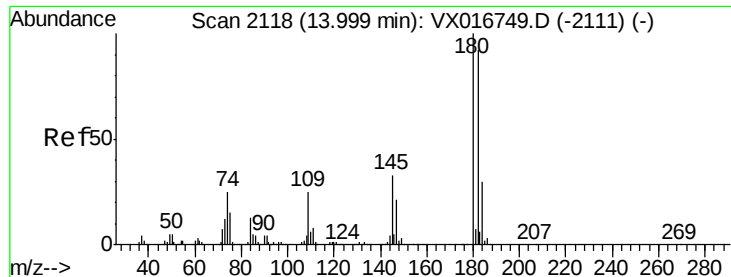
Acq: 16 Jun 2020 20:01

Tgt Ion:	128	Resp:	734159
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.8	13.2



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





#96
 1,2,3-Trichlorobenzene
 Concen: 48.293 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX016792.D
 Acq: 16 Jun 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion:	180	Resp:	221874
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.1	141.4
145	31.7	15.9	47.7

Manual Integrations
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 6/17/2020 9:34:44 AM

