

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX052920\
 Data File : VX016503.D
 Acq On : 29 May 2020 12:09
 Operator : JC/SP
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:28:07 PM

Quant Time: May 30 01:51:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	319247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	497982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220285	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	185180	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.46	113	142946	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
50) Toluene-d8	8.70	98	572258	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.12	95	210854	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	56280	17.91	ug/l	96
3) Chloromethane	1.32	50	68586	18.06	ug/l	98
4) Vinyl Chloride	1.39	62	70610	17.59	ug/l	97
5) Bromomethane	1.63	94	45139	23.12	ug/l	100
6) Chloroethane	1.72	64	43066	18.39	ug/l	99
7) Trichlorofluoromethane	1.92	101	94244	17.87	ug/l	100
8) Diethyl Ether	2.17	74	38386	17.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52661	18.15	ug/l	99
10) Methyl Iodide	2.50	142	52752	17.34	ug/l	100
11) Tert butyl alcohol	3.01	59	82021	80.68	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53834	17.53	ug/l	95
13) Acrolein	2.27	56	38017	87.91	ug/l	94
14) Allyl chloride	2.71	41	98040	17.35	ug/l	99
15) Acrylonitrile	3.11	53	180005	86.43	ug/l	99
16) Acetone	2.42	43	151737	87.36	ug/l	99
17) Carbon Disulfide	2.55	76	158748	17.40	ug/l	99
18) Methyl Acetate	2.75	43	78122	17.54	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	197545	17.91	ug/l	100
20) Methylene Chloride	2.84	84	62799	17.47	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	60698	17.86	ug/l	98
22) Diisopropyl ether	3.82	45	195453	18.01	ug/l	98
23) Vinyl Acetate	3.78	43	849230	89.40	ug/l	99
24) 1,1-Dichloroethane	3.67	63	109217	17.83	ug/l	99
25) 2-Butanone	4.63	43	248380	84.39	ug/l	99
26) 2,2-Dichloropropane	4.55	77	99078	19.77	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	69601	17.71	ug/l	99
28) Bromochloromethane	4.98	49	51467	18.08	ug/l	98
29) Tetrahydrofuran	5.09	42	165755	87.17	ug/l	100
30) Chloroform	5.18	83	109952	17.81	ug/l	99
31) Cyclohexane	5.55	56	97592	17.71	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	100374	17.96	ug/l	99
36) 1,1-Dichloropropene	5.77	75	82575	17.51	ug/l	99
37) Ethyl Acetate	4.79	43	94857	16.76	ug/l	97
38) Carbon Tetrachloride	5.76	117	87983	17.76	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	96123	18.77	ug/l	97
40) Benzene	6.11	78	251329	17.90	ug/l	100
41) Methacrylonitrile	5.00	41	51148	16.45	ug/l	97
42) 1,2-Dichloroethane	6.16	62	89133	17.85	ug/l	99
43) Isopropyl Acetate	6.41	43	153066	17.34	ug/l	99
44) Trichloroethene	7.19	130	80226	18.01	ug/l	99
45) 1,2-Dichloropropane	7.49	63	64270	17.98	ug/l	100
46) Dibromomethane	7.63	93	42390	17.66	ug/l	99
47) Bromodichloromethane	7.88	83	87823	17.67	ug/l	94
48) Methyl methacrylate	7.74	41	71293	16.86	ug/l	99
49) 1,4-Dioxane	7.71	88	32685	330.36	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	478060	86.95	ug/l	100
52) Toluene	8.76	92	159463	18.01	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	100862	17.84	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	107684	18.00	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	61097	17.36	ug/l	98
56) Ethyl methacrylate	9.16	69	99803	17.41	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107616	17.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	265962	88.87	ug/l	100
59) 2-Hexanone	9.47	43	370407	86.64	ug/l	100
60) Dibromochloromethane	9.57	129	68012	17.17	ug/l	100
61) 1,2-Dibromoethane	9.65	107	66184	17.56	ug/l	99
64) Tetrachloroethene	9.32	164	93151	18.52	ug/l	96
65) Chlorobenzene	10.12	112	165295	18.04	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	62121	17.76	ug/l	99
67) Ethyl Benzene	10.23	91	296315	18.16	ug/l	98
68) m/p-Xylenes	10.34	106	223637	36.97	ug/l	100
69) o-Xylene	10.68	106	106242	18.13	ug/l	99
70) Styrene	10.70	104	183009	18.17	ug/l	99
71) Bromoform	10.84	173	52076	17.61	ug/l #	100
73) Isopropylbenzene	11.00	105	281063	18.41	ug/l	100
74) N-amyl acetate	10.88	43	126038	17.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	65603	17.15	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	88231m	18.22	ug/l	
77) Bromobenzene	11.24	156	72504	18.11	ug/l	100
78) n-propylbenzene	11.34	91	310616	18.22	ug/l	99
79) 2-Chlorotoluene	11.40	91	192469	18.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	235488	18.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	34602	17.58	ug/l	99
82) 4-Chlorotoluene	11.49	91	226563	18.43	ug/l	100
83) tert-Butylbenzene	11.76	119	199294	18.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	240213	18.64	ug/l	99
85) sec-Butylbenzene	11.93	105	246265	18.03	ug/l	100
86) p-Isopropyltoluene	12.05	119	239200	18.69	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	125976	18.16	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	127991	18.04	ug/l	98
89) n-Butylbenzene	12.37	91	194088	18.21	ug/l	100
90) Hexachloroethane	12.58	117	39901	18.05	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	119276	17.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21039	16.98	ug/l	96

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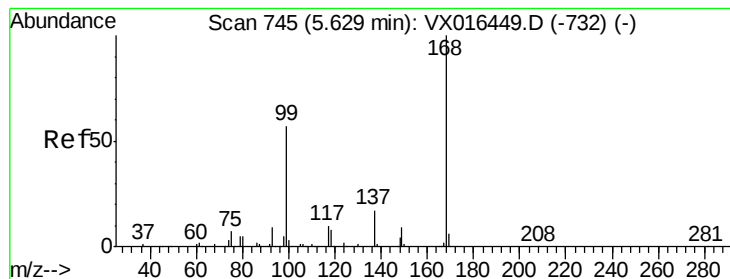
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79769	17.87	ug/l	100
94) Hexachlorobutadiene	13.76	225	34264	19.56	ug/l	98
95) Naphthalene	13.82	128	267869	17.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77751	17.78	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tgt Ion:168 Resp: 319247

Ion Ratio Lower Upper

168 100

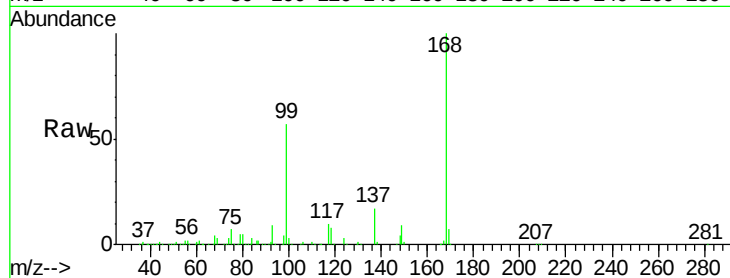
99 56.5 45.2 67.8

Manual Integrations

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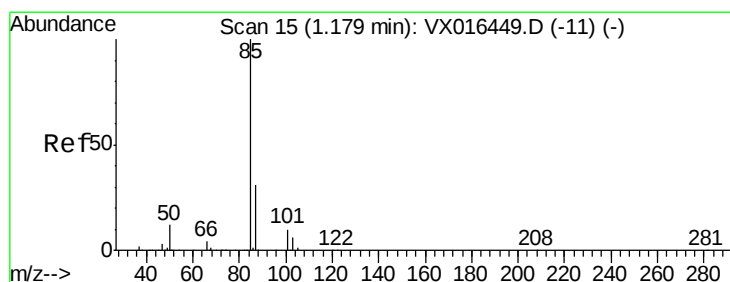
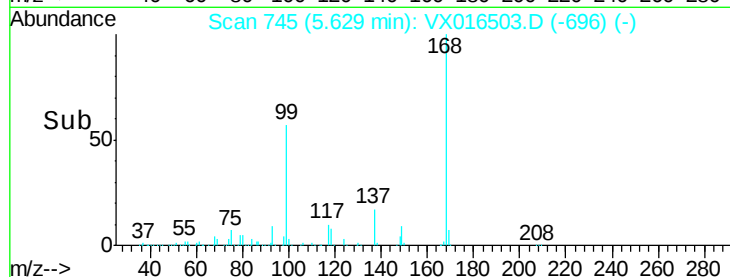
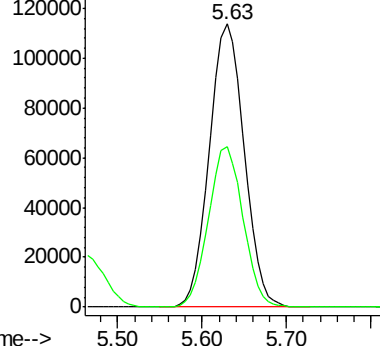
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.91 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016503.D

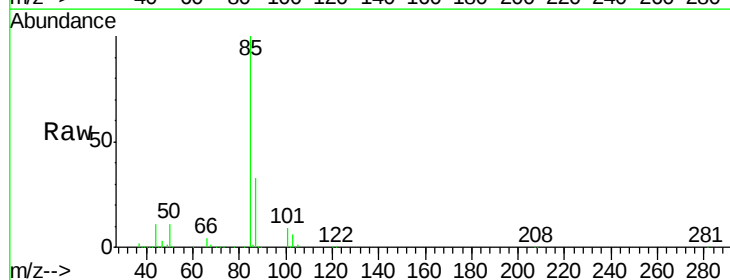
Acq: 29 May 2020 12:09

Tgt Ion: 85 Resp: 56280

Ion Ratio Lower Upper

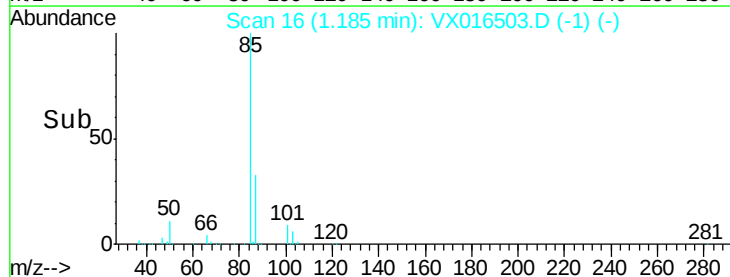
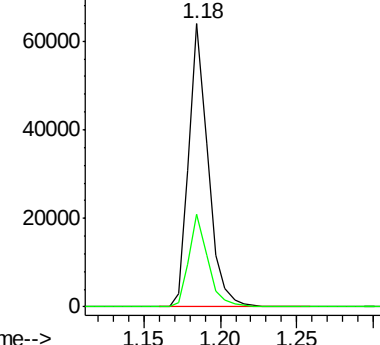
85 100

87 32.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.06 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tgt Ion: 50 Resp: 68586

Ion Ratio Lower Upper

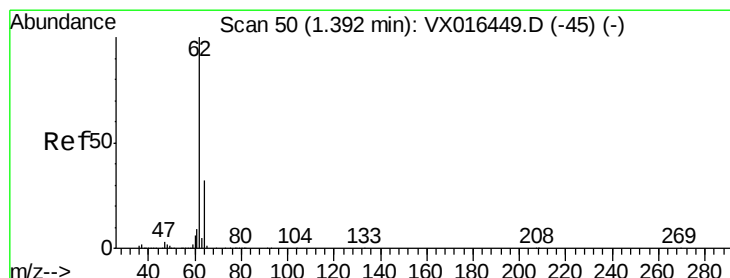
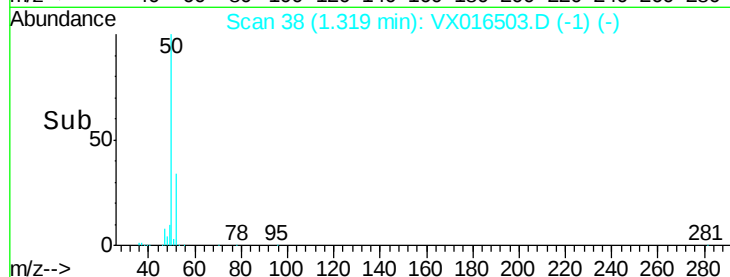
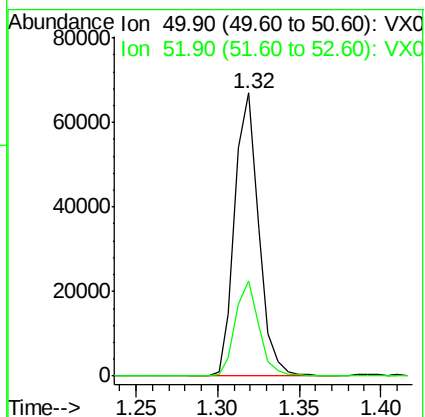
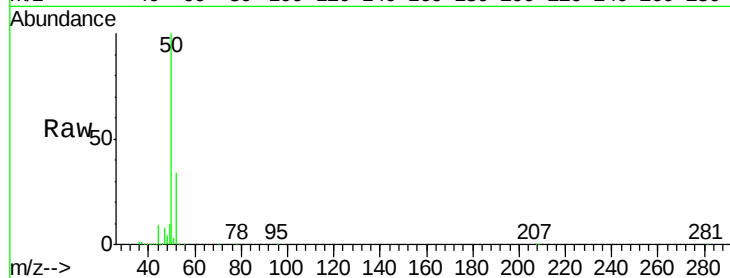
50 100

52 33.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 17.59 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016503.D

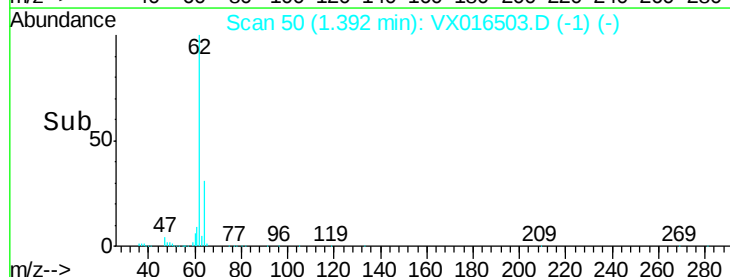
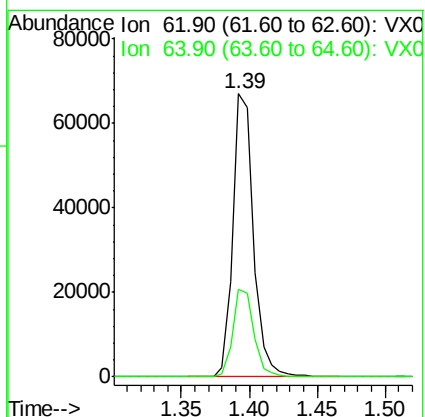
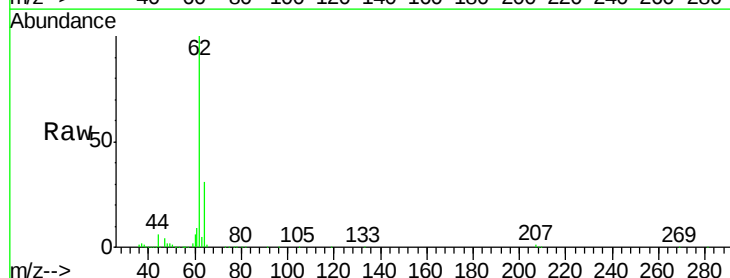
Acq: 29 May 2020 12:09

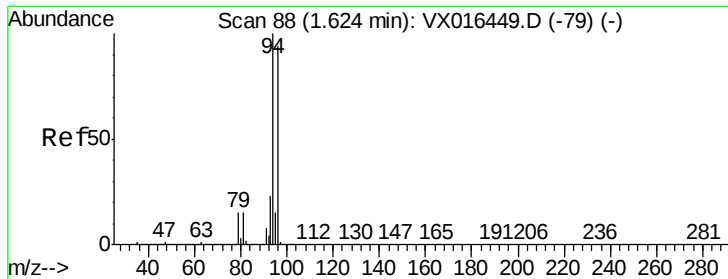
Tgt Ion: 62 Resp: 70610

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 23.12 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tgt Ion: 94 Resp: 45139

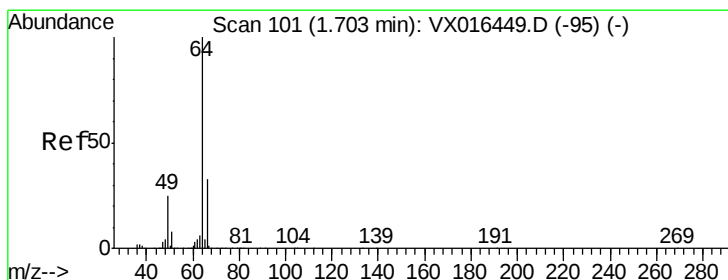
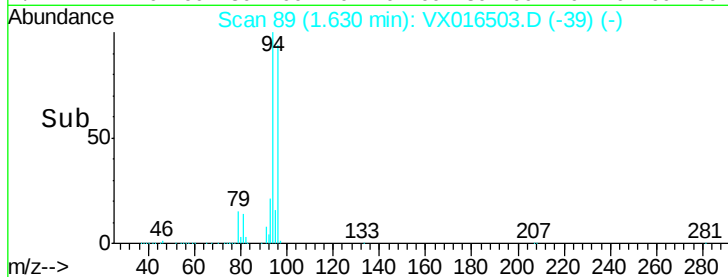
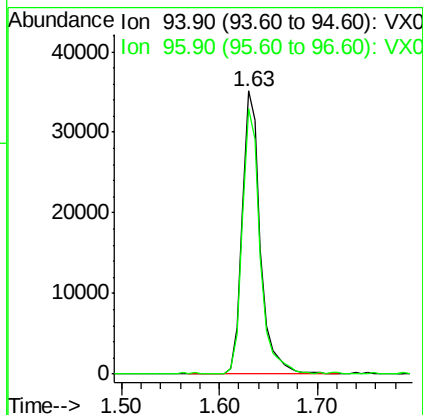
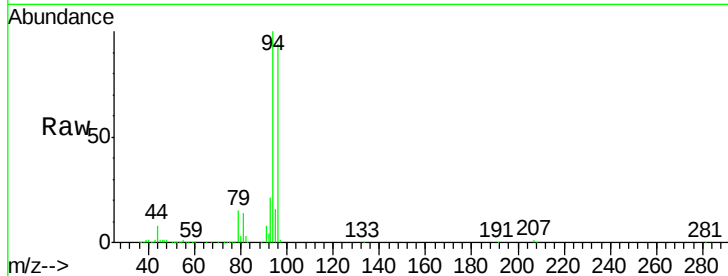
Ion Ratio Lower Upper

94 100

96 93.4 75.1 112.7

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#6

Chloroethane

Concen: 18.39 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016503.D

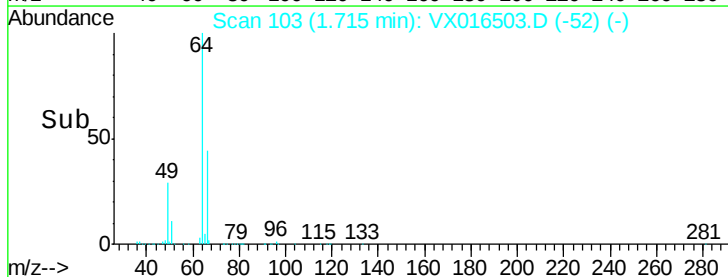
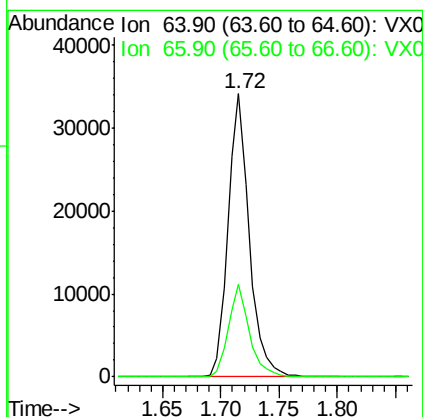
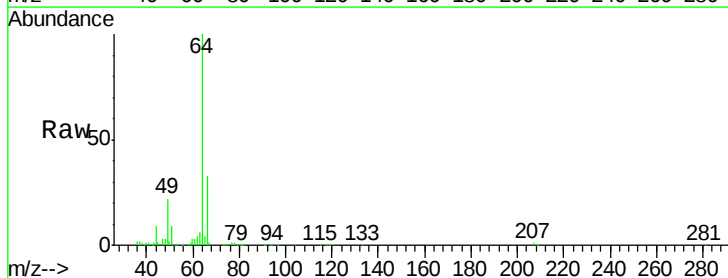
Acq: 29 May 2020 12:09

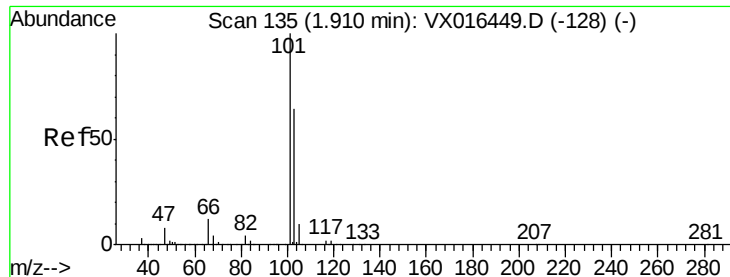
Tgt Ion: 64 Resp: 43066

Ion Ratio Lower Upper

64 100

66 32.9 26.7 40.1





#7

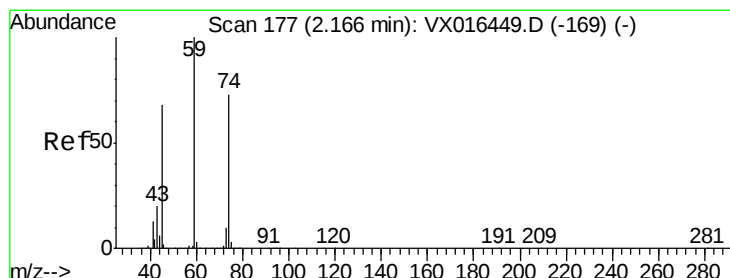
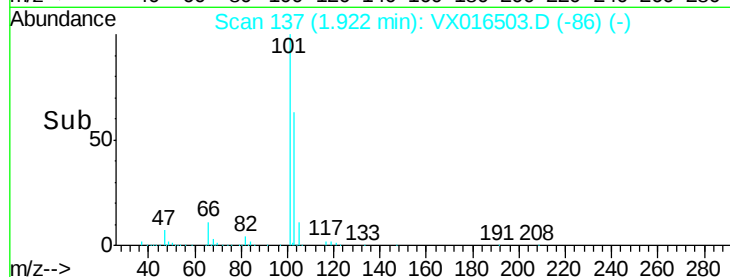
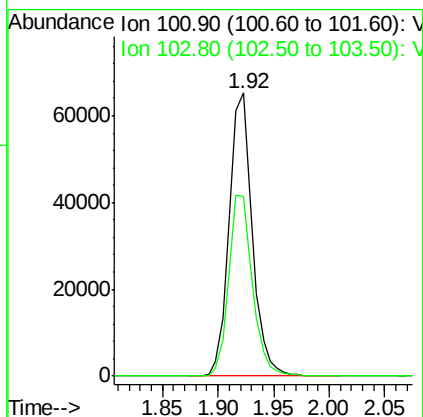
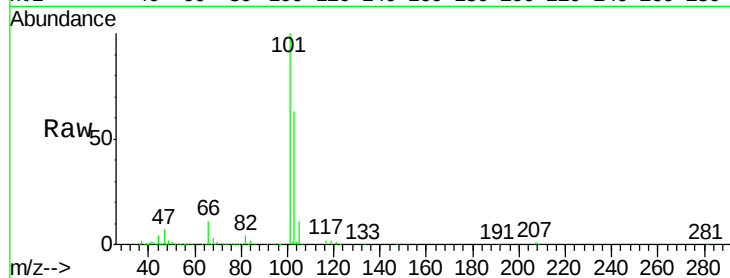
Trichlorofluoromethane
Concen: 17.87 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX016503.D
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VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.9	76.3

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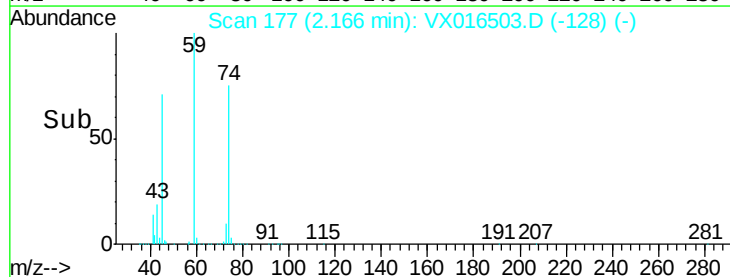
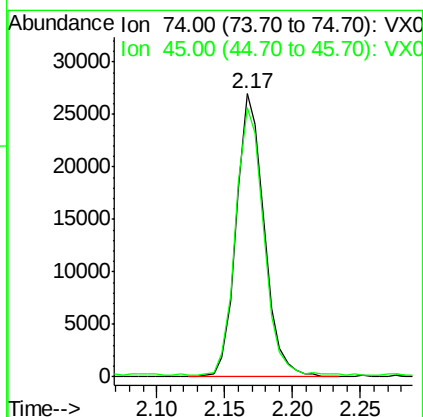
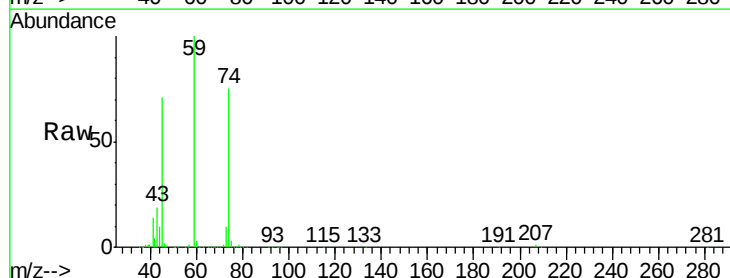
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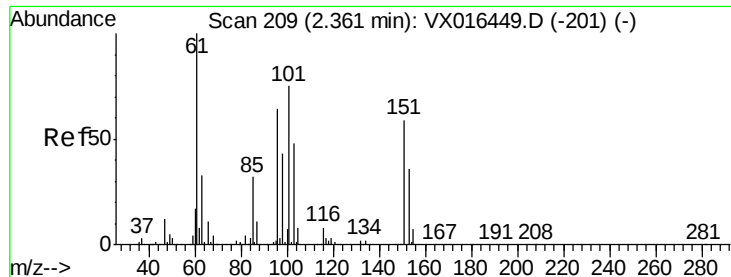


#8

Diethyl Ether
Concen: 17.46 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.15 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

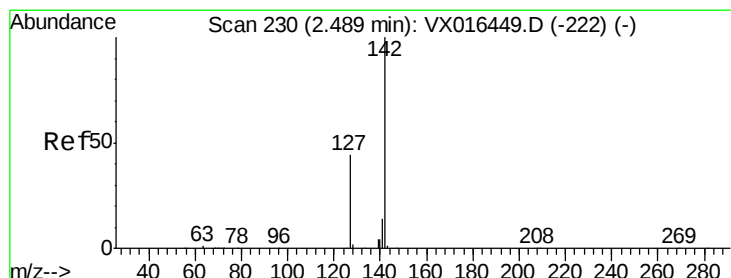
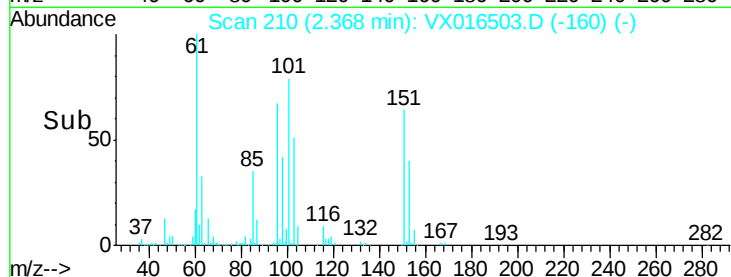
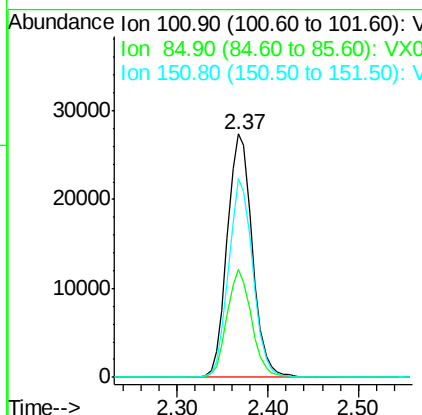
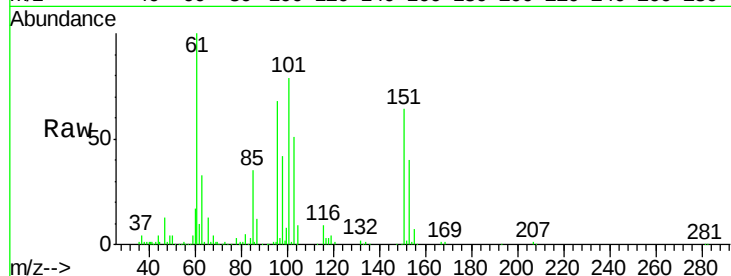
ClientSampleId :

VX0529WBS01

Tgt Ion:	101	Resp:	52661
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.4	51.6
151	79.2	63.8	95.6

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#10

Methyl Iodide

Concen: 17.34 ug/l

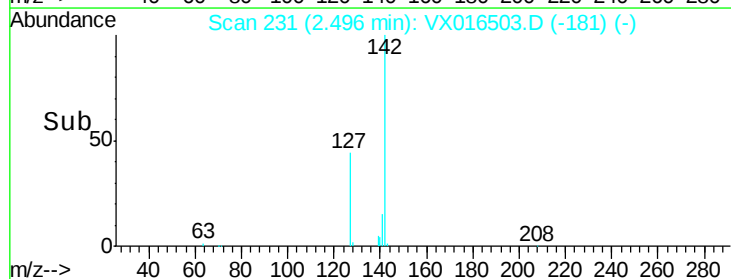
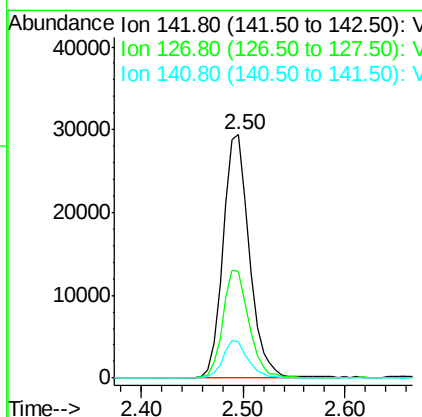
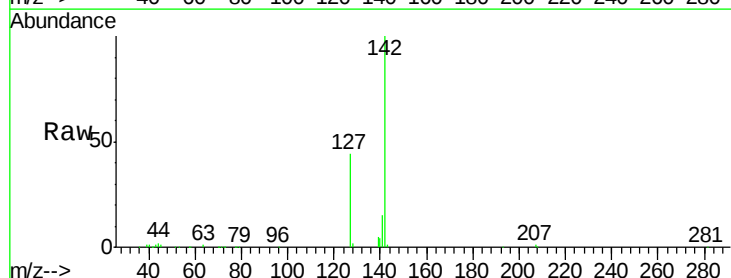
RT: 2.50 min Scan# 231

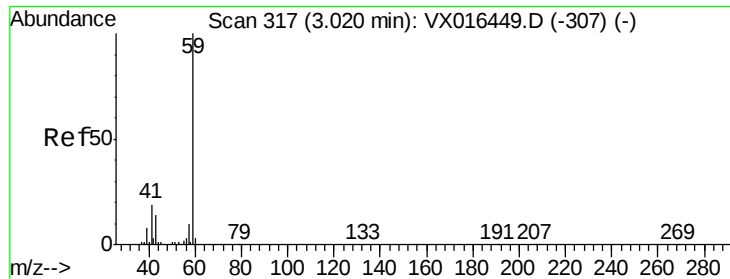
Delta R.T. 0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion:	142	Resp:	52752
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.3	52.9
141	14.6	11.4	17.2





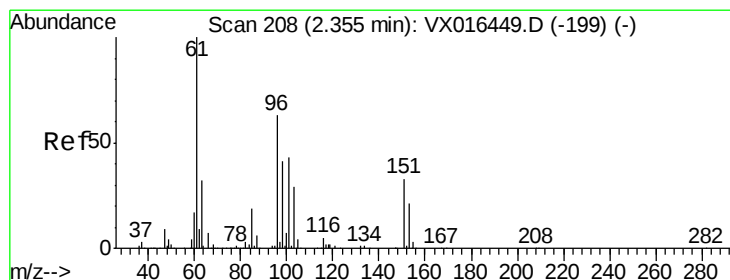
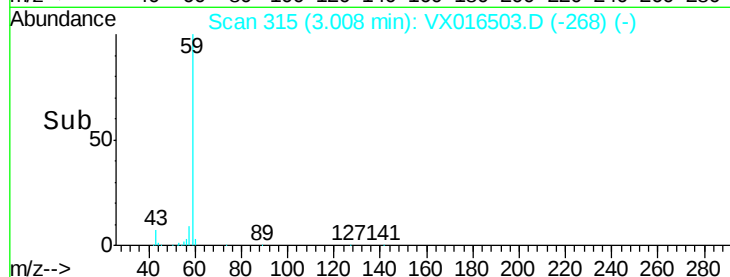
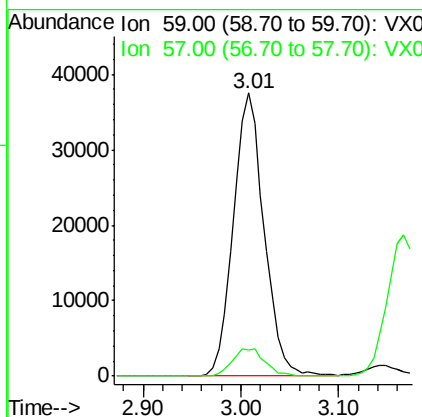
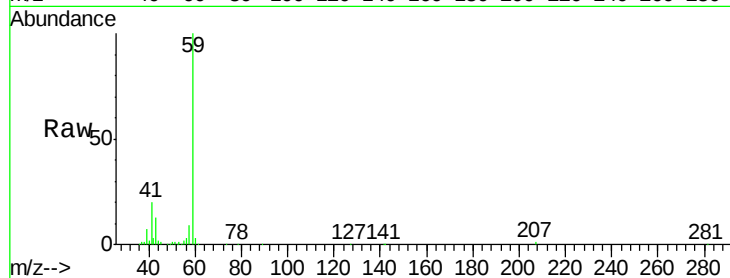
#11
Tert butyl alcohol
Concen: 80.68 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

Tgt Ion: 59 Resp: 82021
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

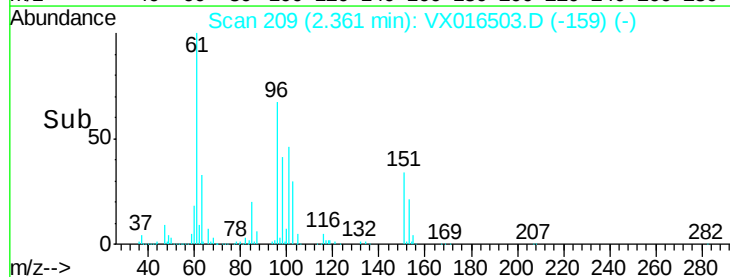
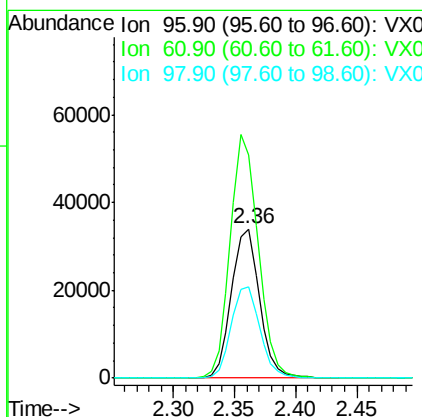
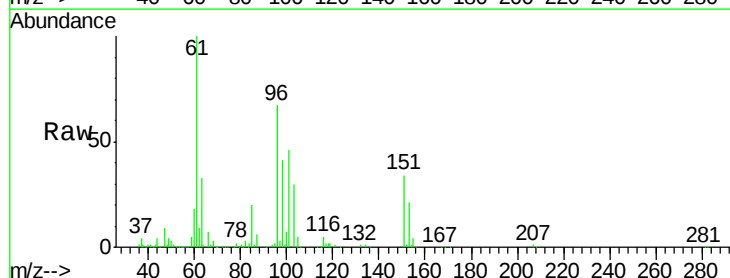
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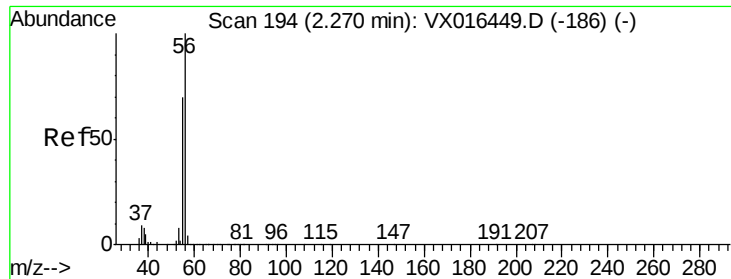
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#12
1,1-Dichloroethene
Concen: 17.53 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 96 Resp: 53834
Ion Ratio Lower Upper
96 100
61 150.3 126.6 189.8
98 61.0 51.3 76.9





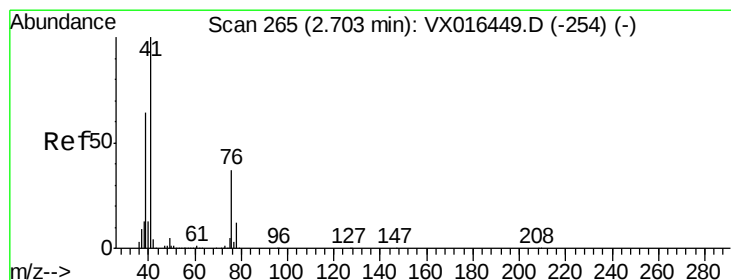
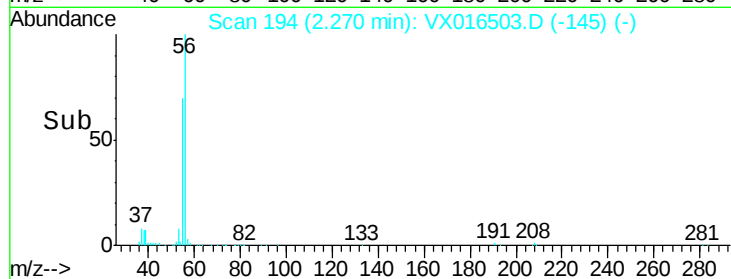
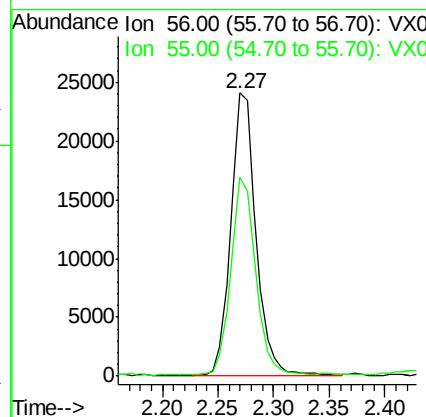
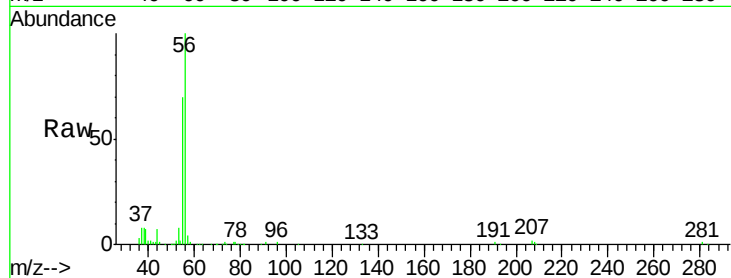
#13
Acrolein
Concen: 87.91 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	67.9	58.3	87.5

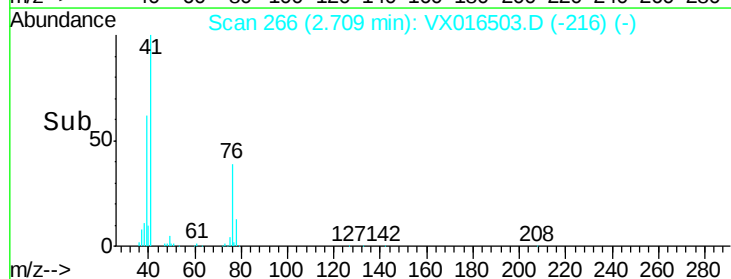
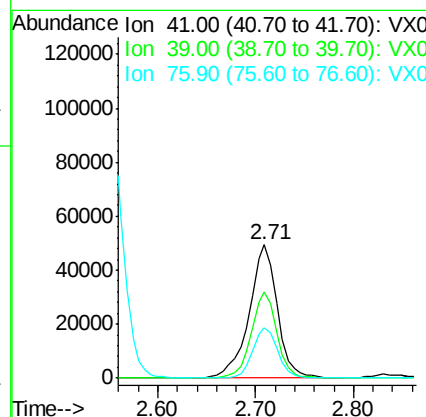
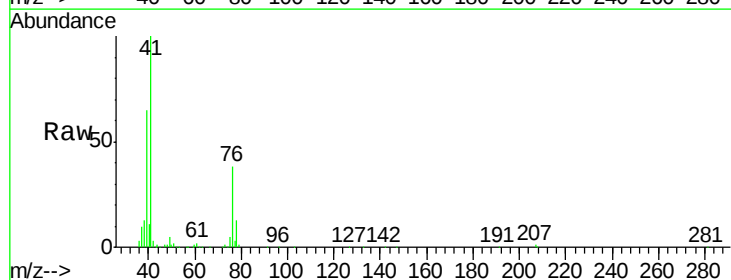
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#14
Allyl chloride
Concen: 17.35 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.8	47.7	71.5
76	34.3	26.6	40.0





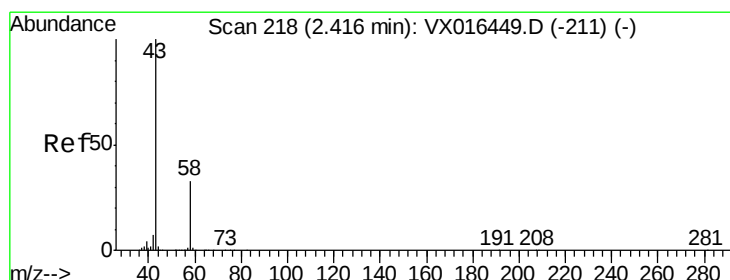
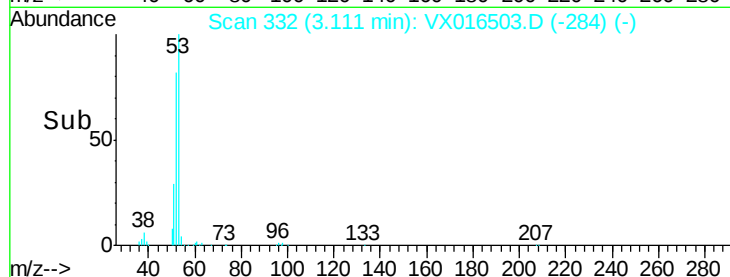
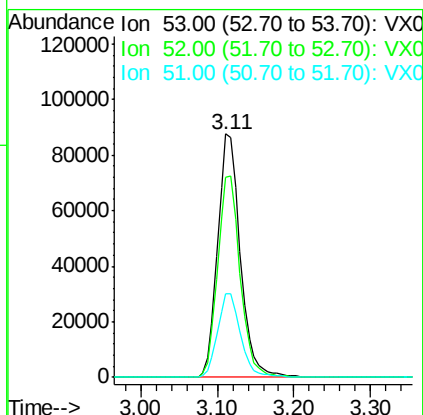
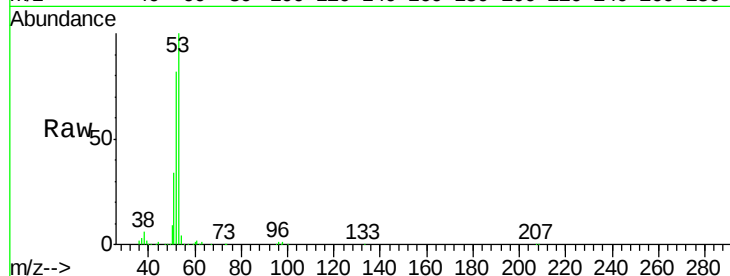
#15
Acrylonitrile
Concen: 86.43 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.7	100.1
51	35.5	28.6	43.0

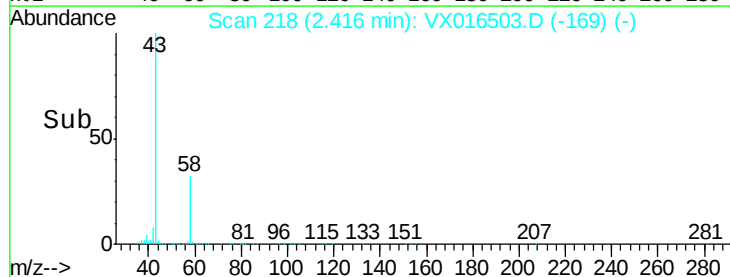
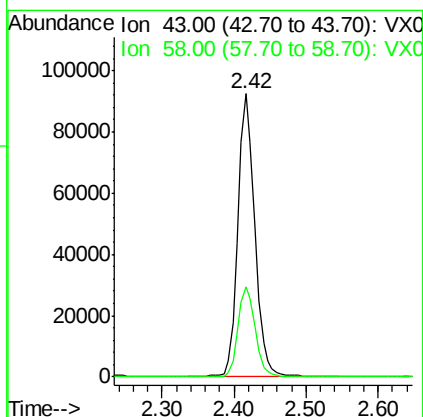
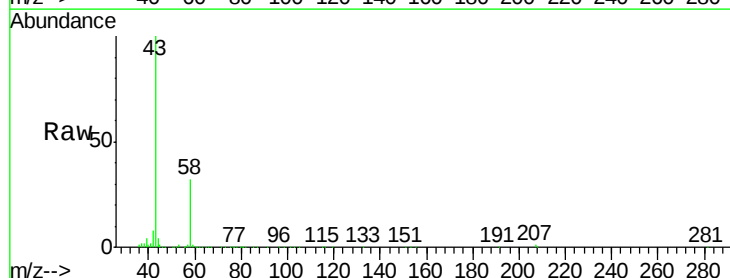
Manual Integrations
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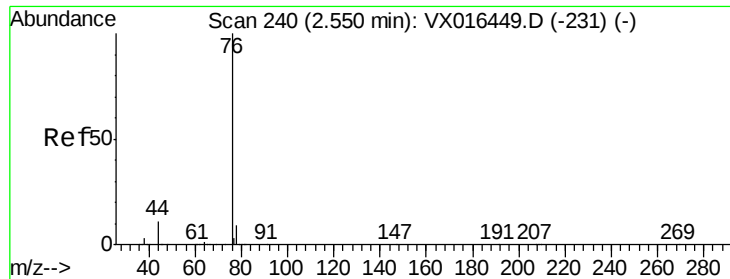
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#16
Acetone
Concen: 87.36 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.1	39.1





#17

Carbon Disulfide

Concen: 17.40 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

Tgt Ion: 76 Resp: 158748

Ion Ratio Lower Upper

76 100

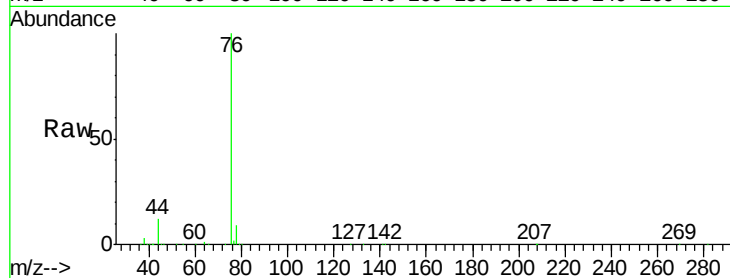
78 8.8 7.4 11.0

Manual Integrations

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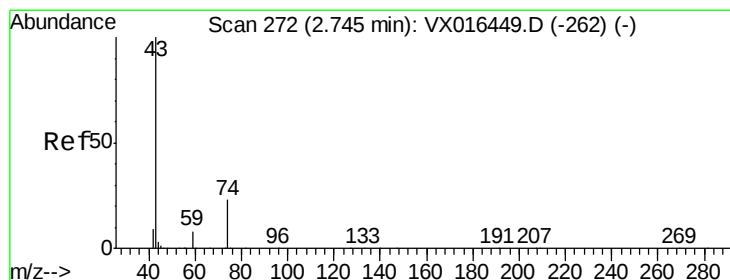
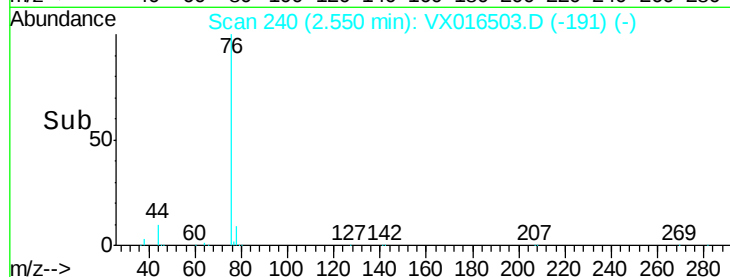
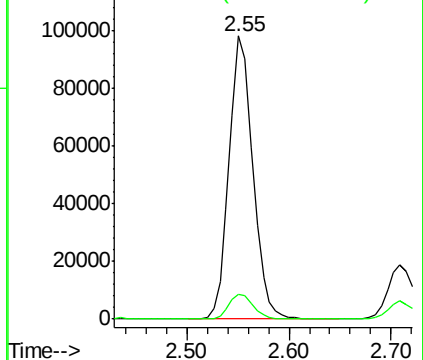
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.54 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016503.D

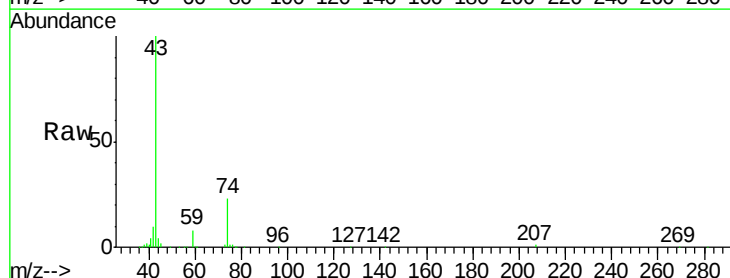
Acq: 29 May 2020 12:09

Tgt Ion: 43 Resp: 78122

Ion Ratio Lower Upper

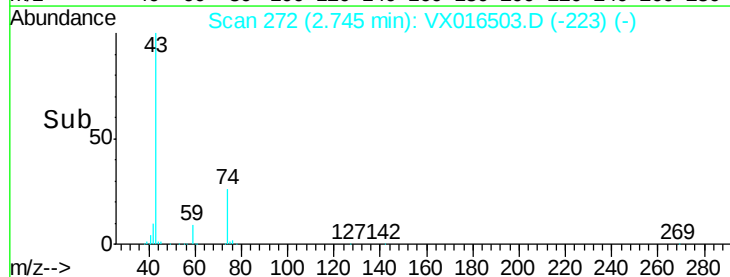
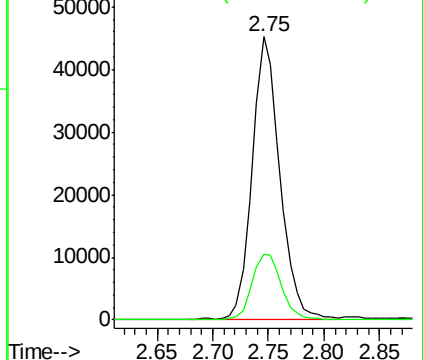
43 100

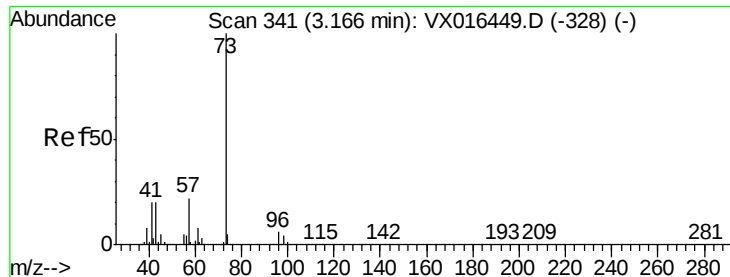
74 25.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





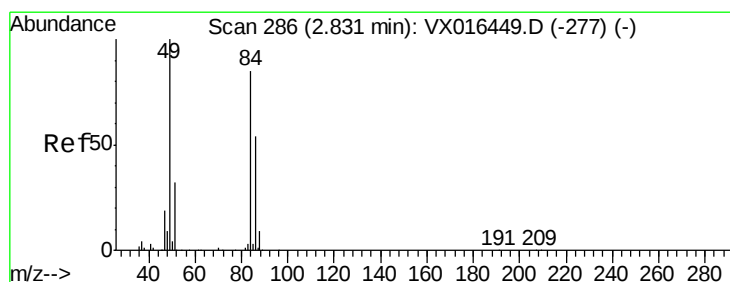
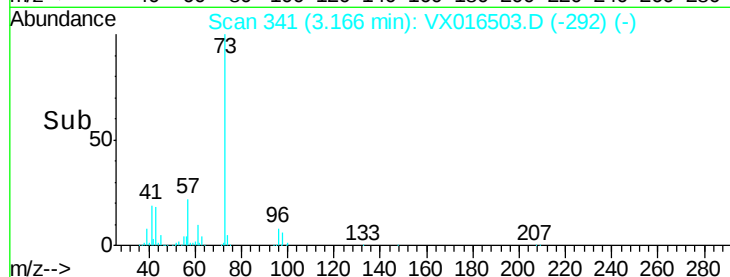
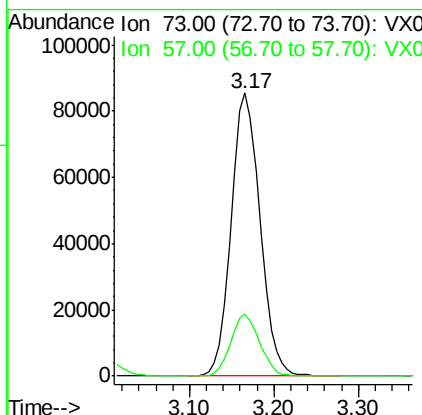
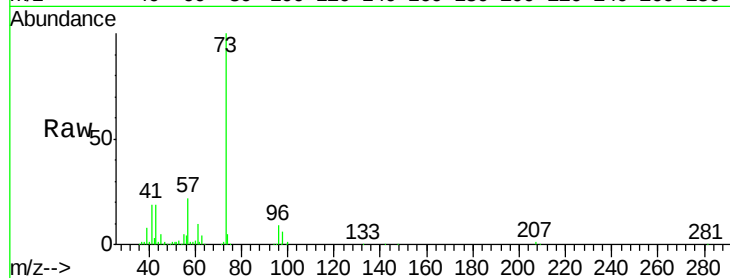
#19
Methyl tert-butyl Ether
Concen: 17.91 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion: 73 Resp: 197545
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6

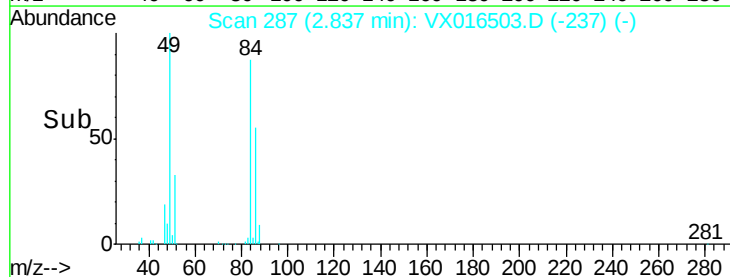
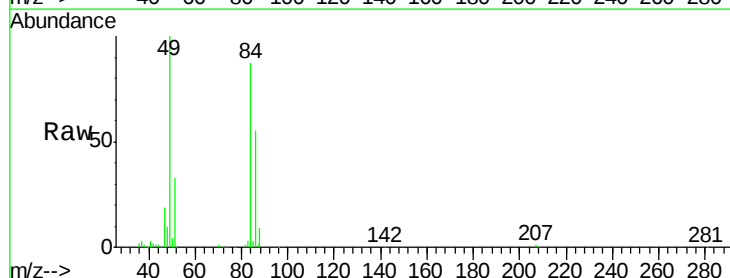
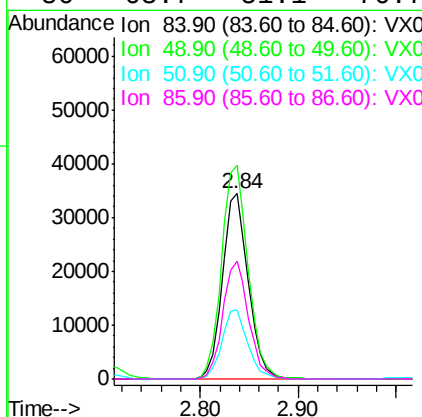
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#20
Methylene Chloride
Concen: 17.47 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 84 Resp: 62799
Ion Ratio Lower Upper
84 100
49 115.4 94.5 141.7
51 37.7 30.2 45.4
86 63.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.86 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

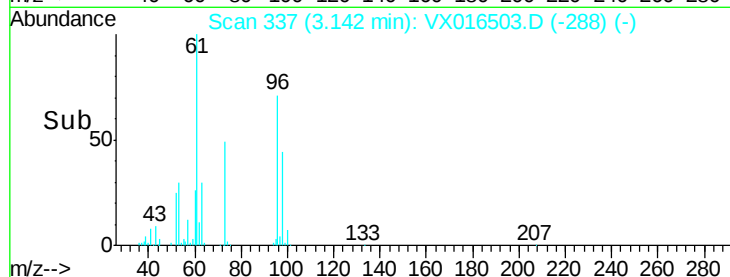
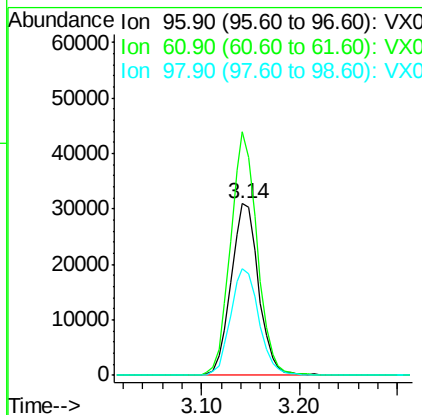
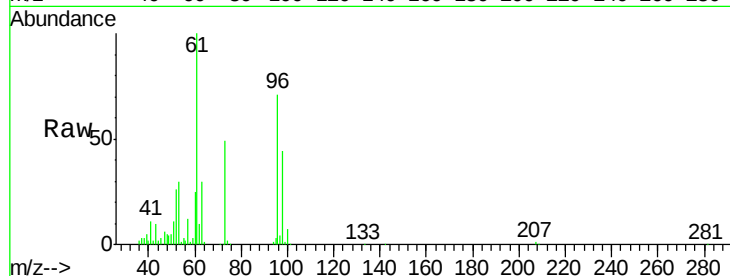
ClientSampleId :

VX0529WBS01

Tgt Ion:	96	Resp:	60698
Ion	Ratio	Lower	Upper
96	100		
61	141.7	115.3	172.9
98	62.2	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.01 ug/l

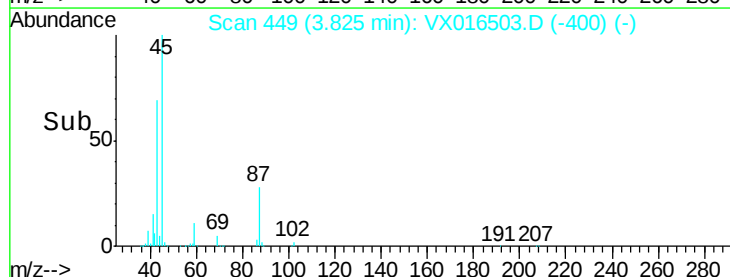
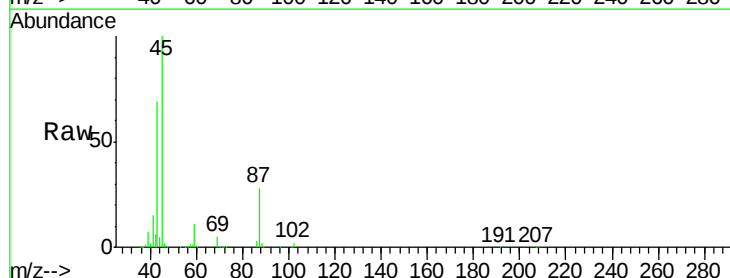
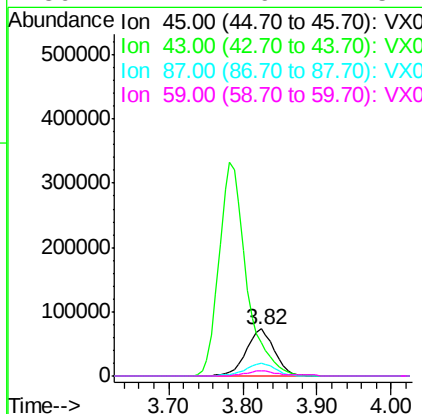
RT: 3.82 min Scan# 449

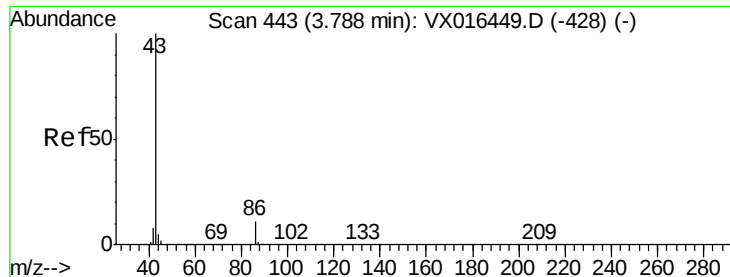
Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion:	45	Resp:	195453
Ion	Ratio	Lower	Upper
45	100		
43	69.2	57.0	85.6
87	28.2	22.5	33.7
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 89.40 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tgt Ion: 43 Resp: 849230

Ion Ratio Lower Upper

43 100

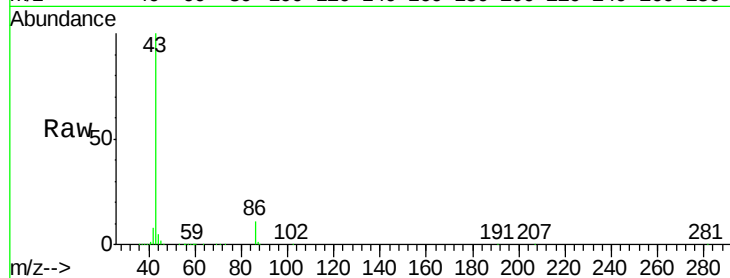
86 11.3 8.6 13.0

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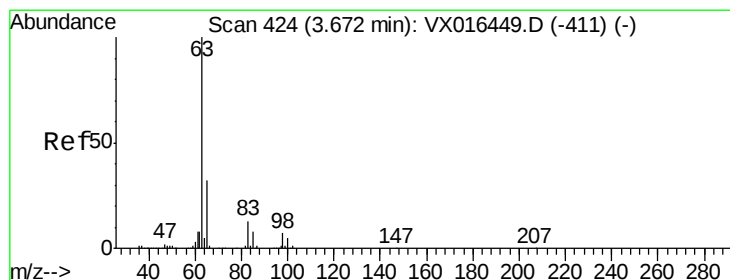
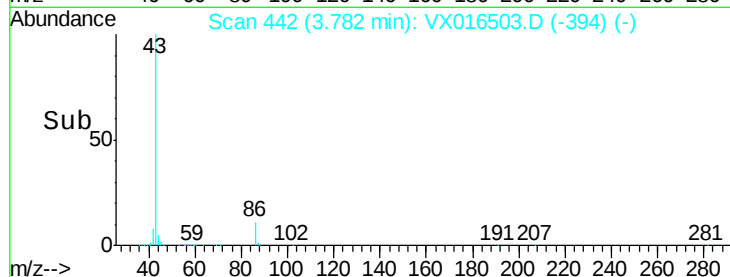
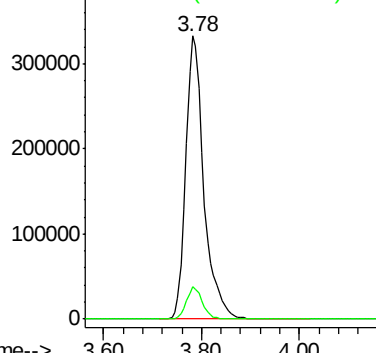
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.83 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

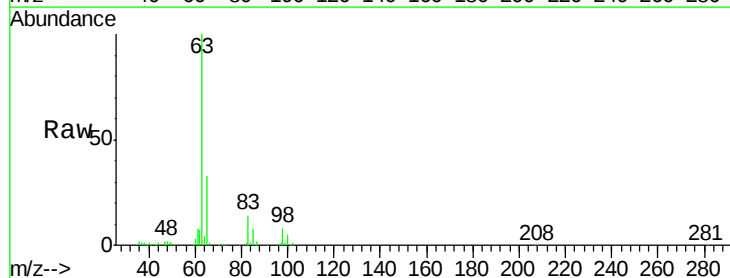
Tgt Ion: 63 Resp: 109217

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

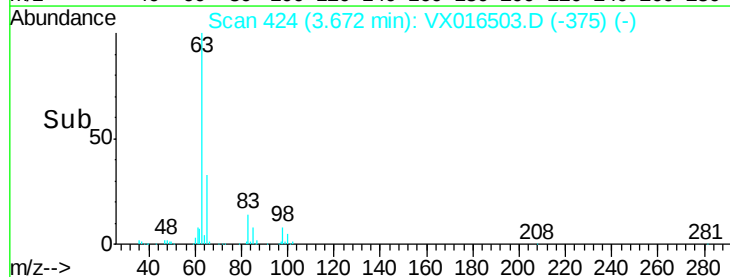
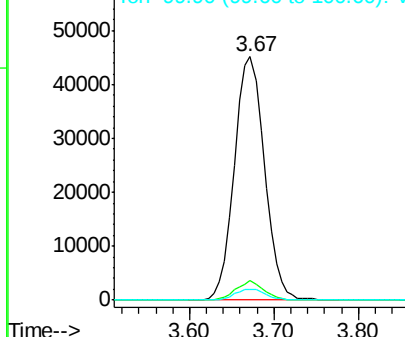
100 4.6 2.4 7.1

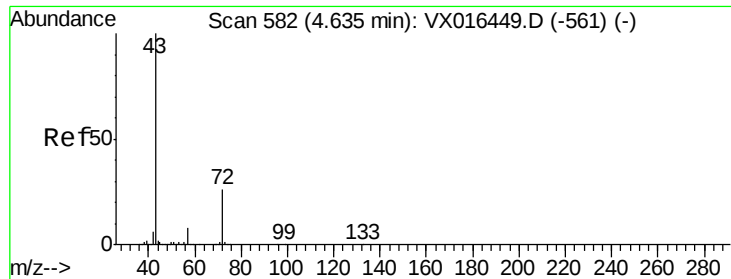


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





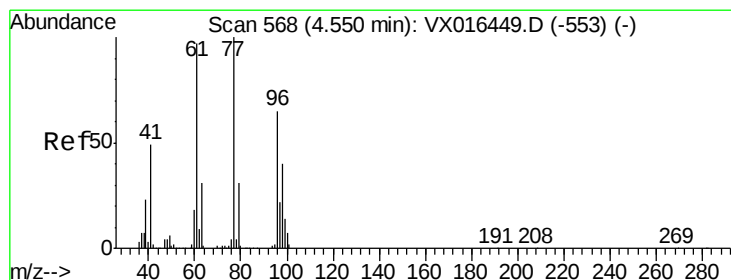
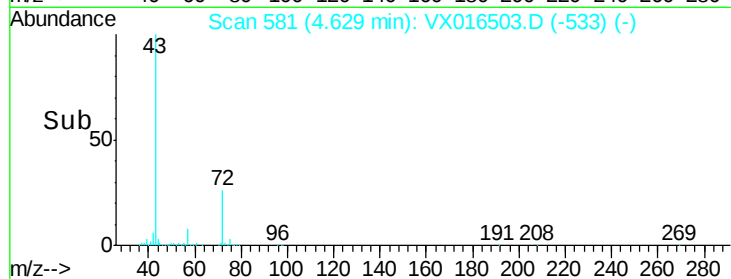
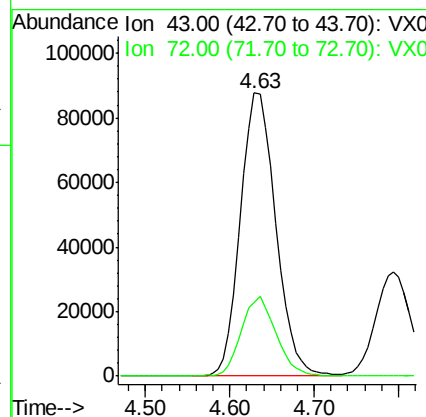
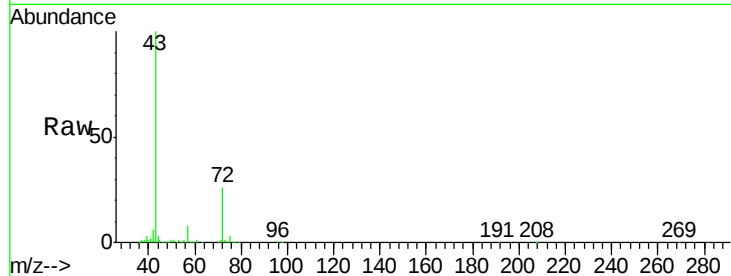
#25
 2-Butanone
 Concen: 84.39 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tgt Ion: 43 Resp: 248380
 Ion Ratio Lower Upper
 43 100
 72 25.8 21.0 31.6

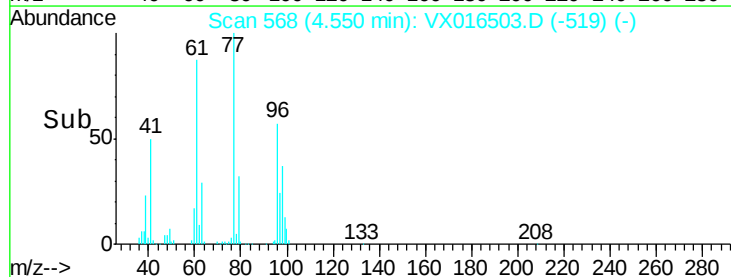
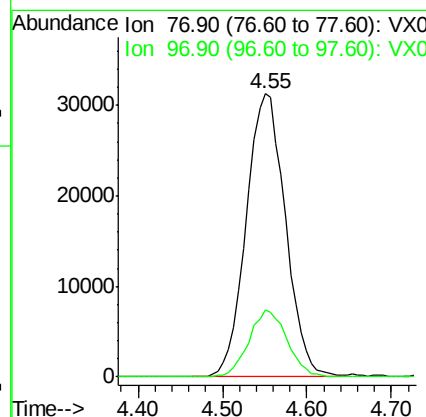
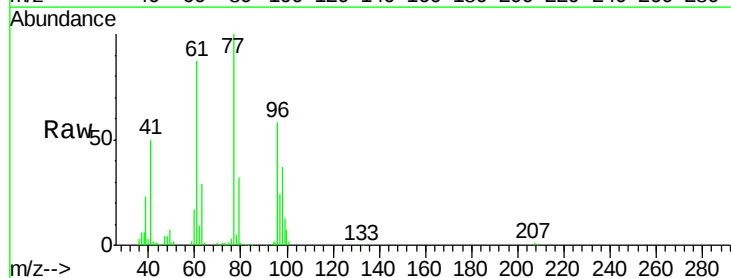
Manual Integrations
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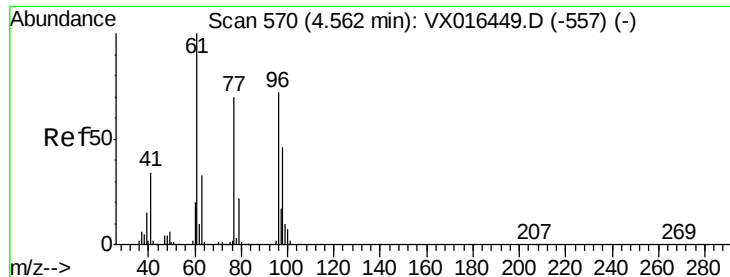
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#26
 2,2-Dichloropropane
 Concen: 19.77 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion: 77 Resp: 99078
 Ion Ratio Lower Upper
 77 100
 97 23.0 11.5 34.4





#27

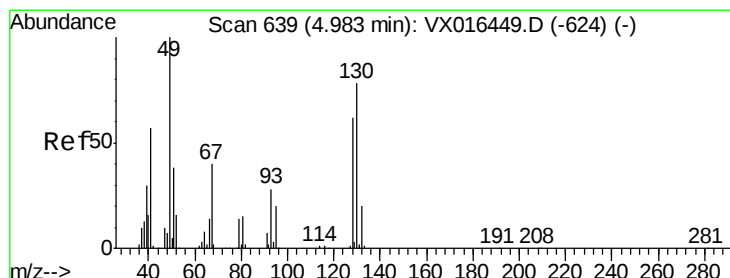
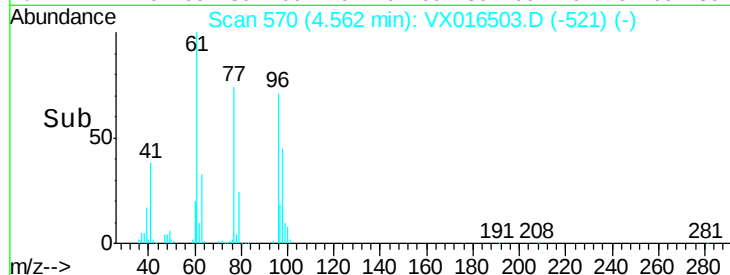
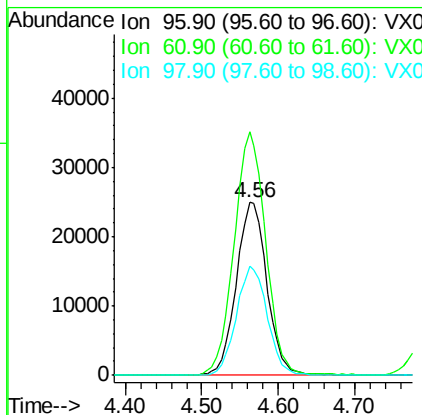
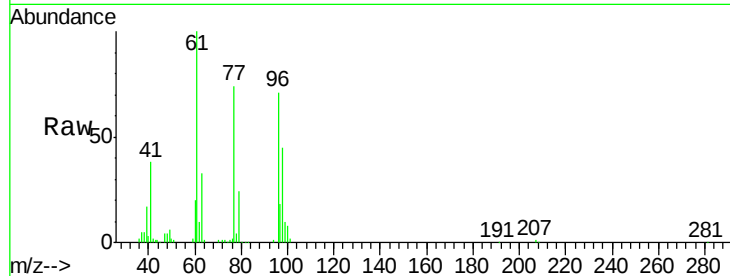
cis-1,2-Dichloroethene
Concen: 17.71 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	69601		
61	144.9	0.0	284.6	
98	63.5	0.0	127.2	

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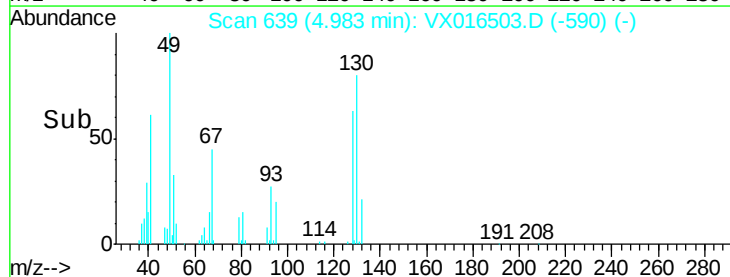
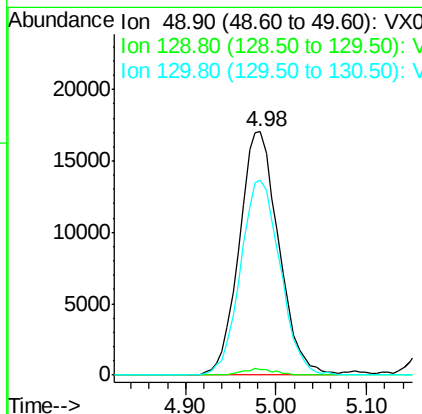
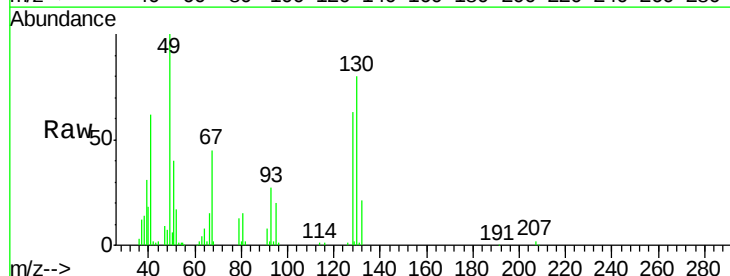
MMDadoda
6/1/2020 12:28:07 PM



#28

Bromochloromethane
Concen: 18.08 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	51467		
129	2.3	0.0	4.0	
130	80.3	63.0	94.4	





#29

Tetrahydrofuran

Concen: 87.17 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

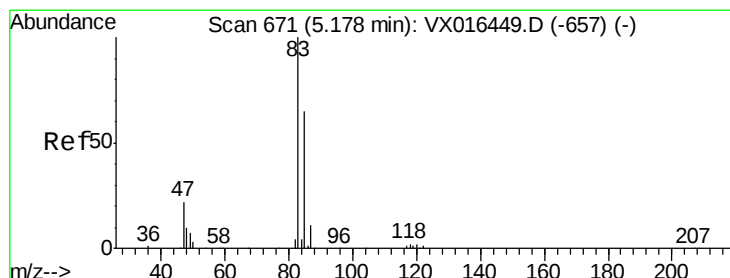
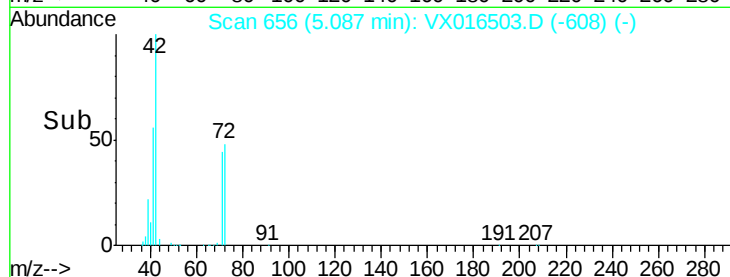
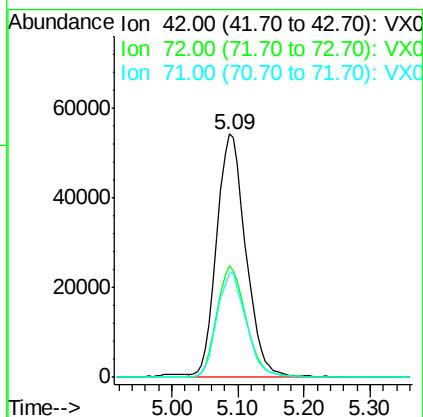
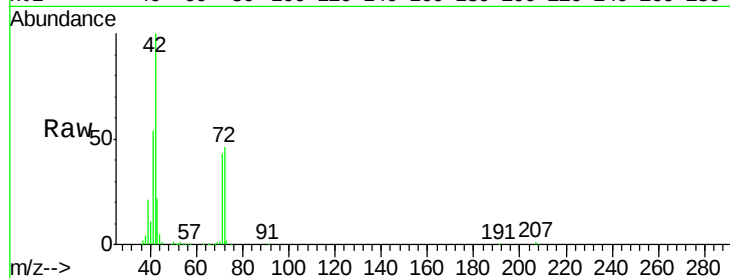
ClientSampled :

VX0529WBS01

Tgt Ion:	42	Resp:	165755
Ion Ratio		Lower	Upper
42	100		
72	46.2	37.0	55.4
71	43.1	34.1	51.1

Manual Integrations
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#30

Chloroform

Concen: 17.81 ug/l

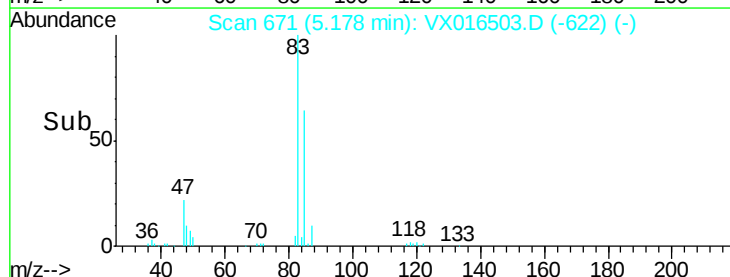
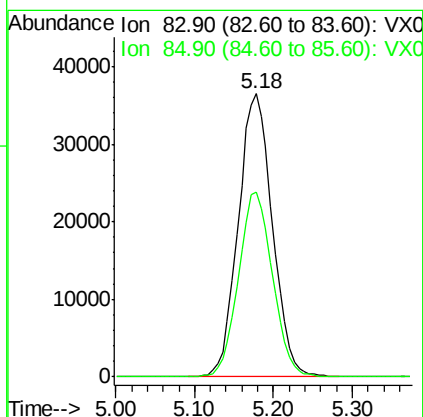
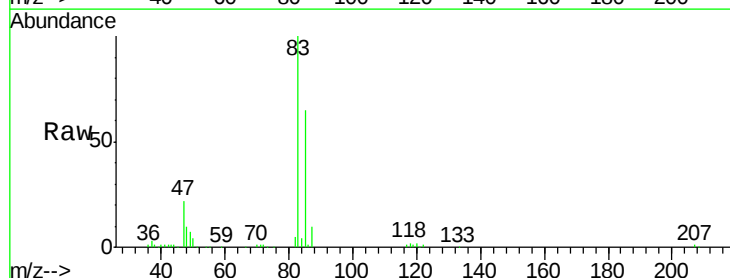
RT: 5.18 min Scan# 671

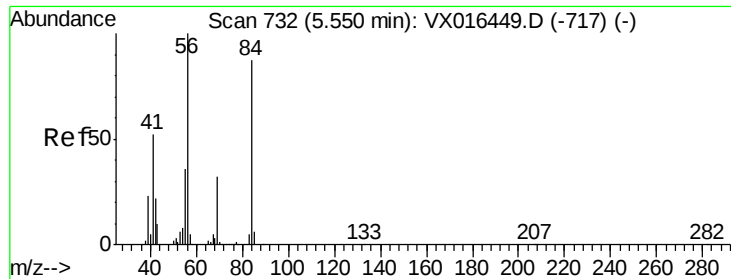
Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion:	83	Resp:	109952
Ion Ratio		Lower	Upper
83	100		
85	65.5	52.0	78.0





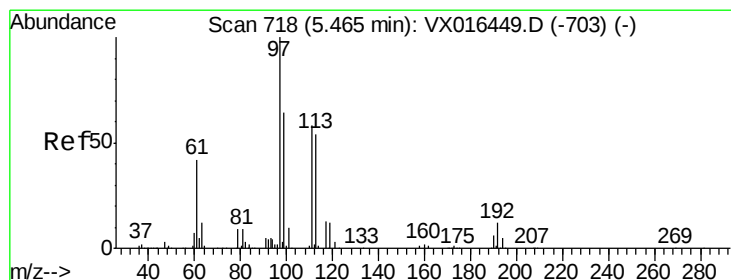
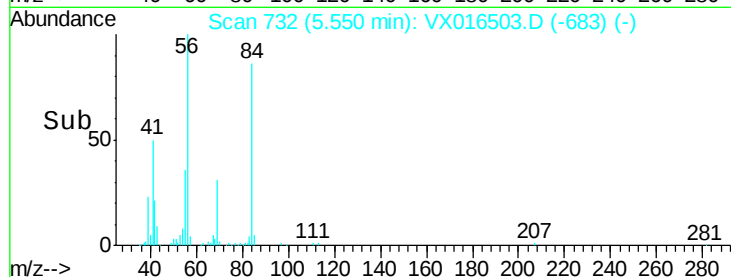
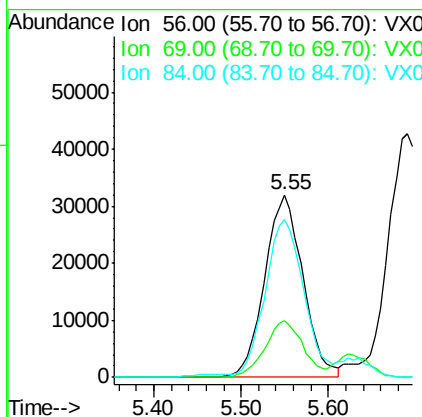
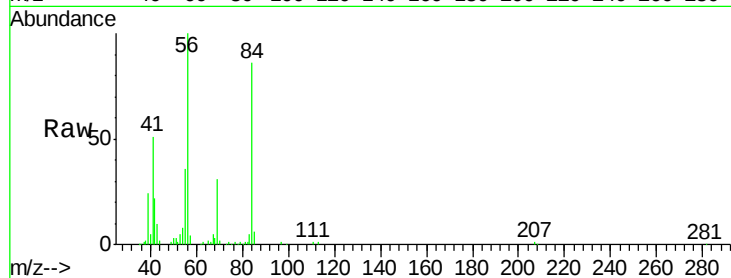
#31
Cyclohexane
Concen: 17.71 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.7	38.5
84	85.2	70.0	105.0

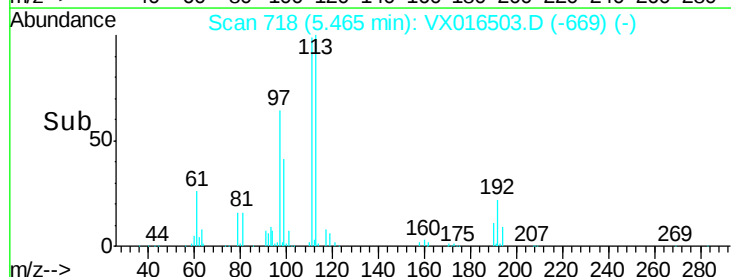
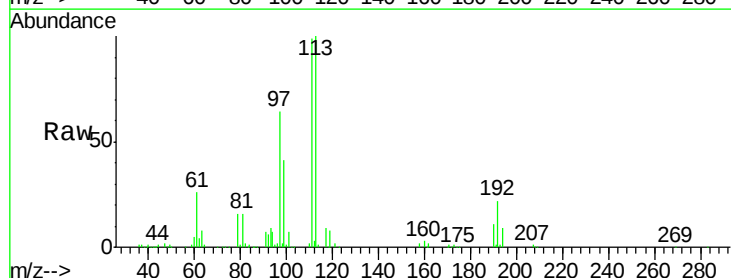
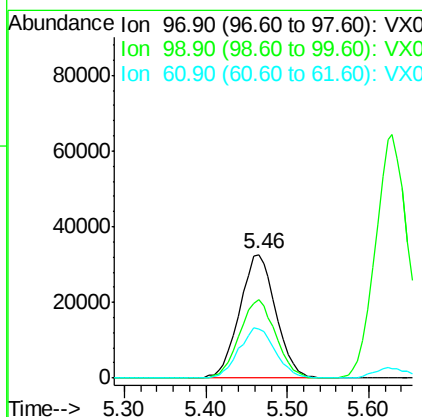
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#32
1,1,1-Trichloroethane
Concen: 17.96 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.2
61	41.0	33.5	50.3





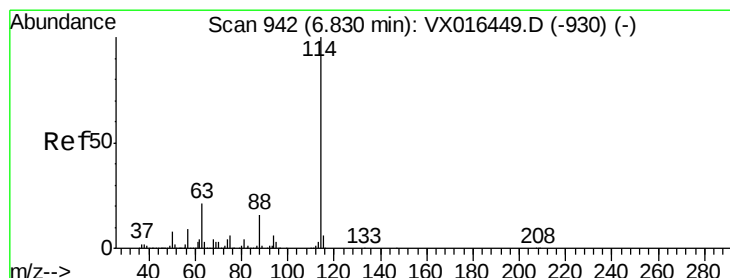
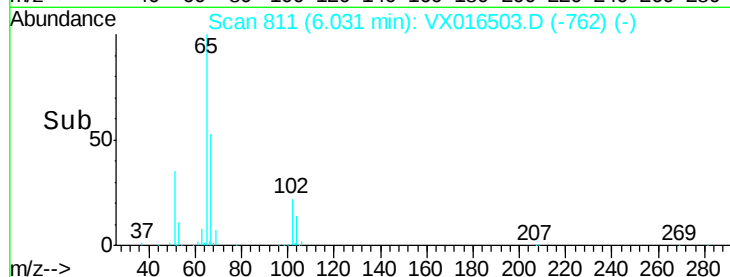
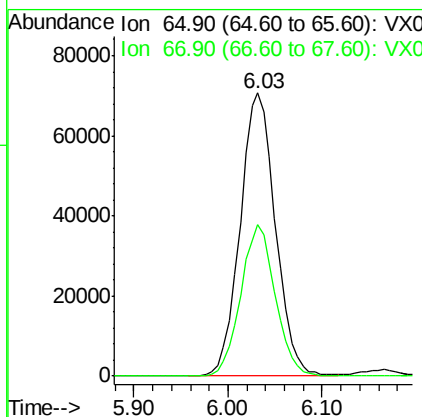
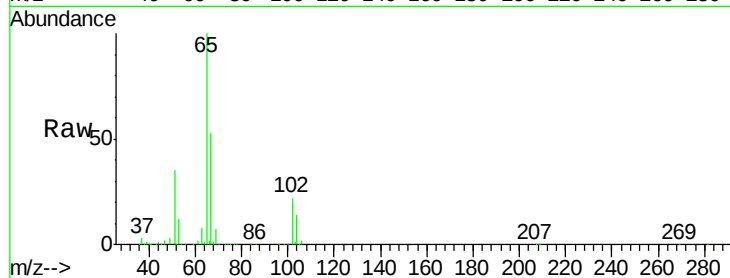
#33
 1,2-Dichloroethane-d4
 Concen: 46.71 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	185180		
67	52.5	0.0	104.8	

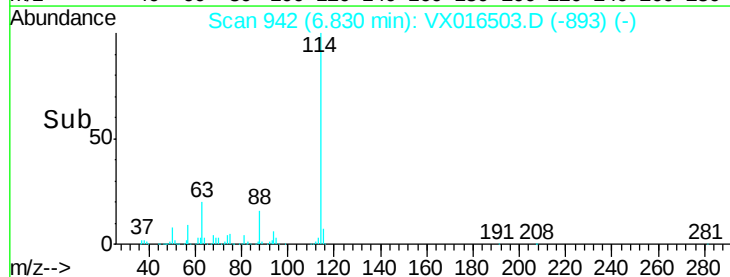
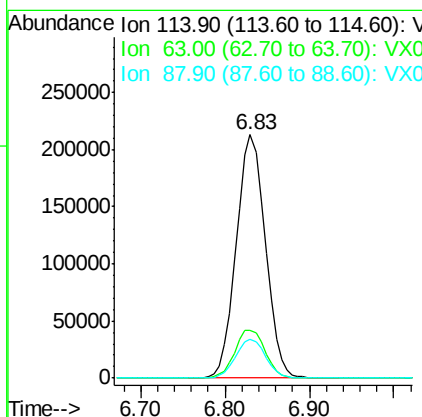
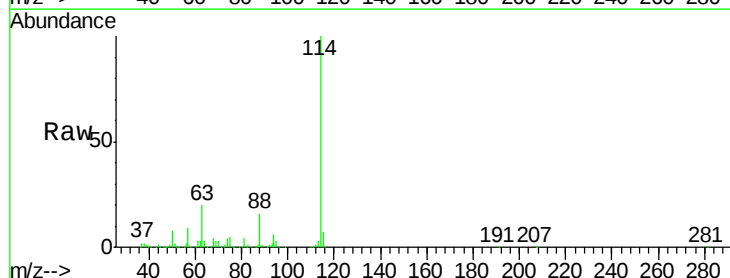
Manual Integrations
 APPROVED

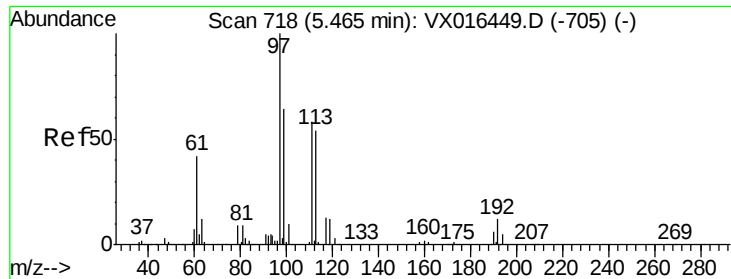
MMDadoda
 6/1/2020 12:28:07 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	497982		
63	19.6	0.0	42.6	
88	16.0	0.0	32.8	





#35

Dibromofluoromethane

Concen: 46.62 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

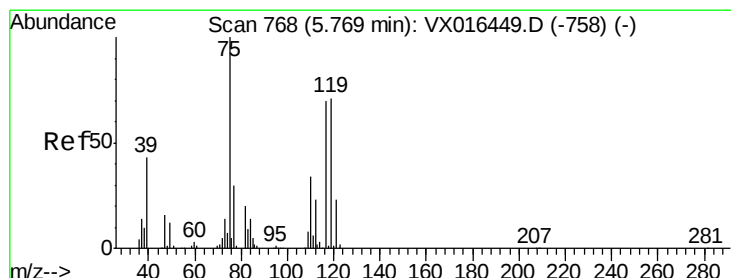
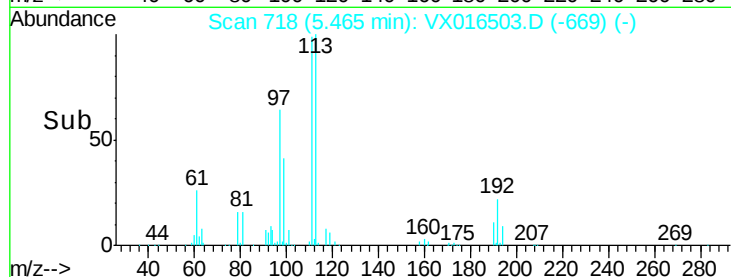
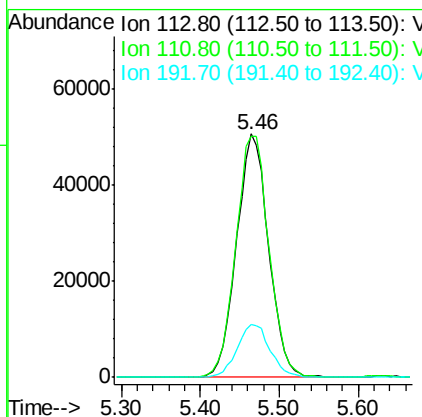
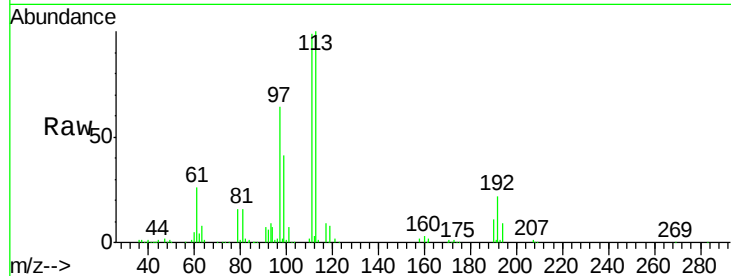
ClientSampled :

VX0529WBS01

Tgt Ion:	113	Resp:	142946
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.0	124.6
192	22.2	17.7	26.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.51 ug/l

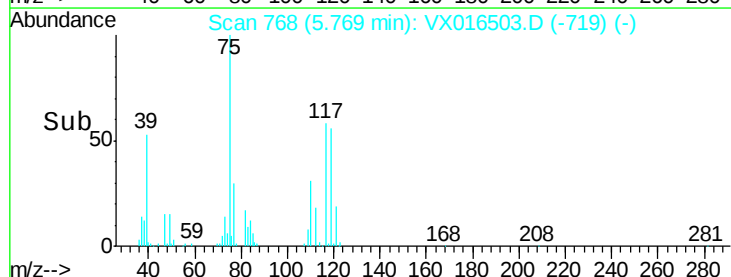
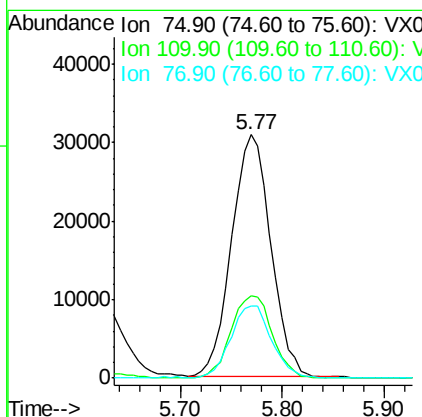
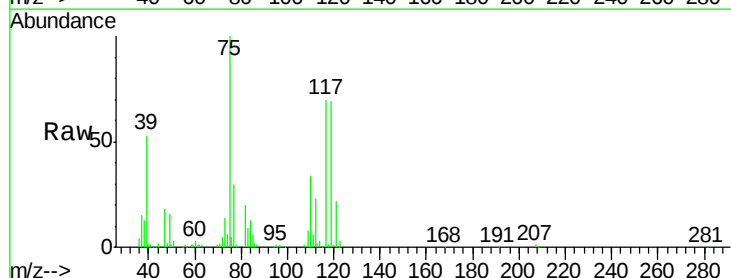
RT: 5.77 min Scan# 768

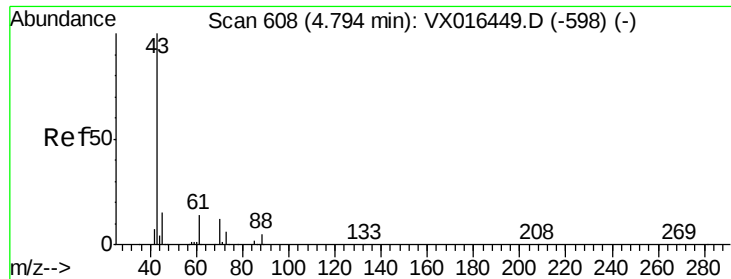
Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion:	75	Resp:	82575
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.4	52.3
77	31.0	24.2	36.4





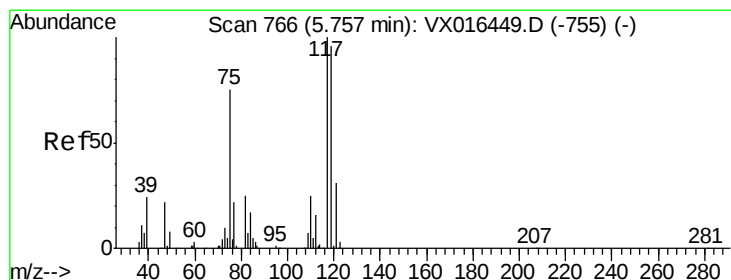
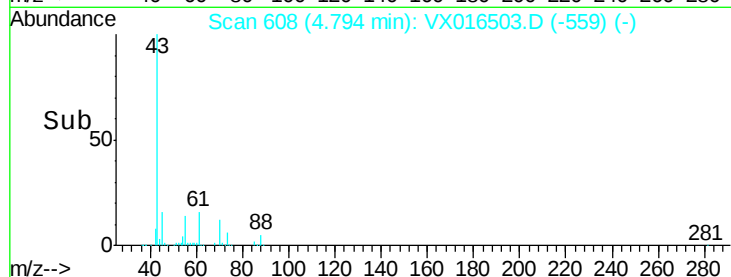
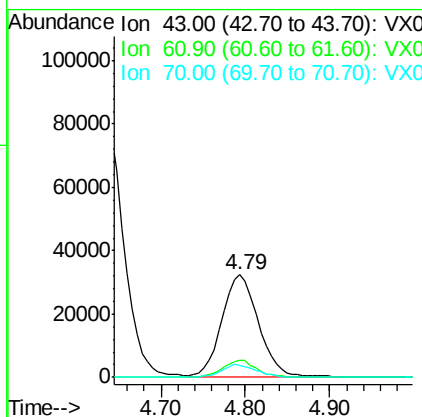
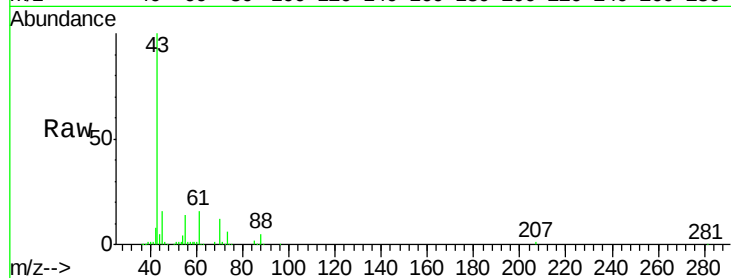
#37
Ethyl Acetate
Concen: 16.76 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.3	16.9
70	12.1	9.3	13.9

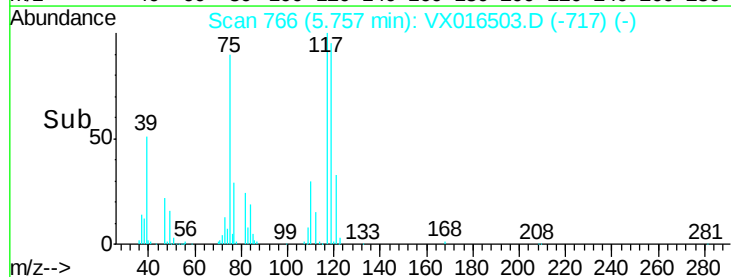
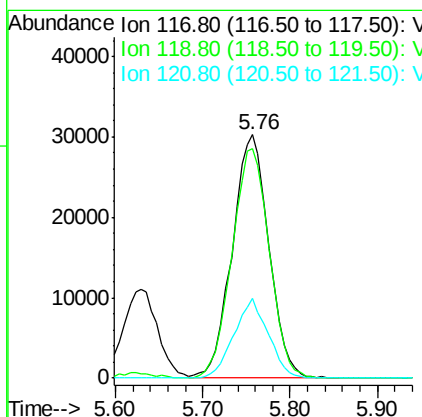
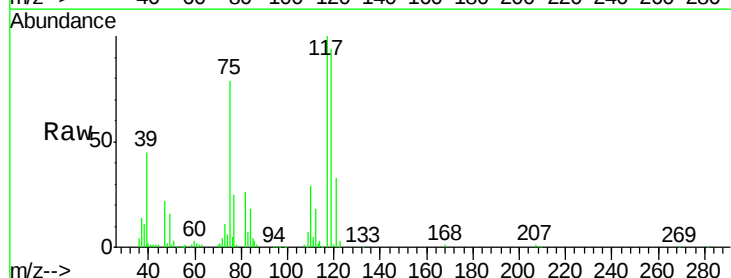
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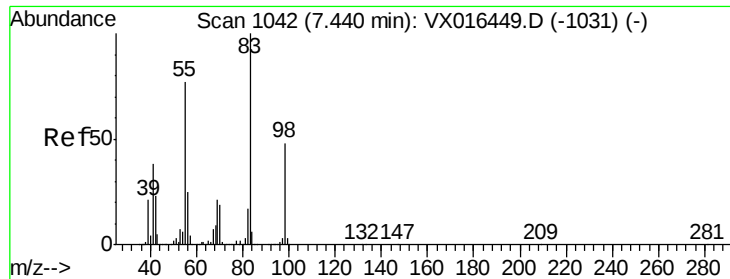
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.76 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.3	114.5
121	32.9	24.6	37.0





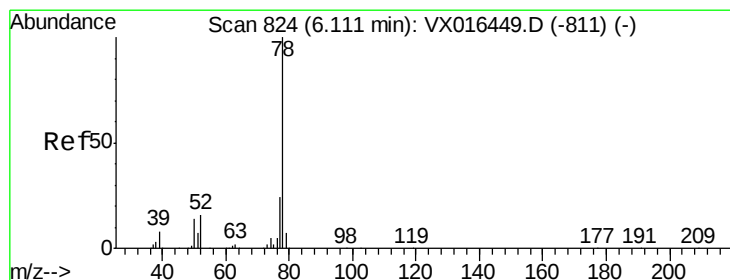
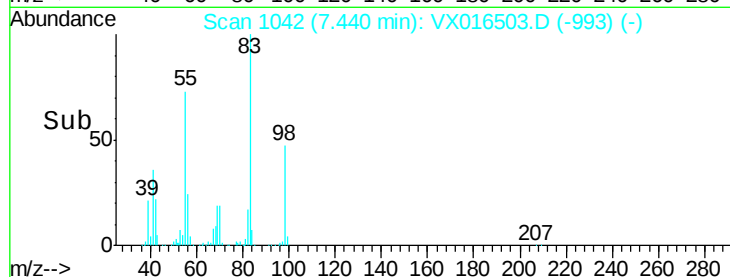
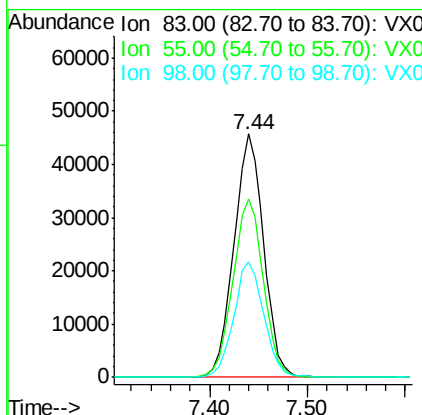
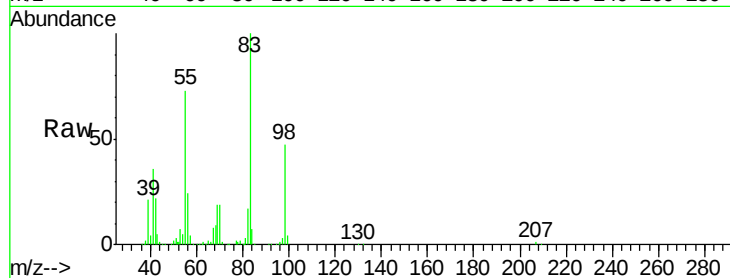
#39
Methylcyclohexane
Concen: 18.77 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.7	92.5
98	47.3	38.7	58.1

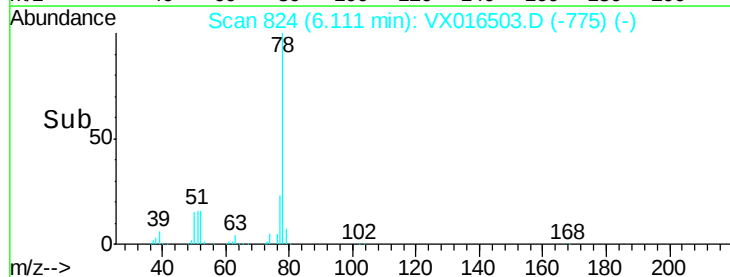
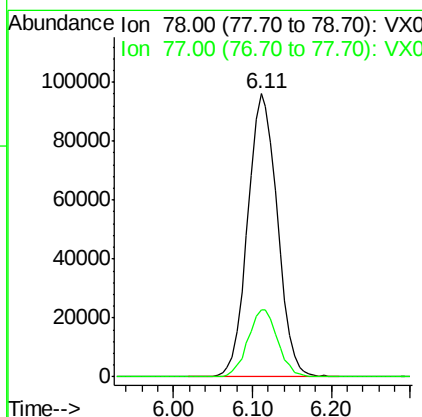
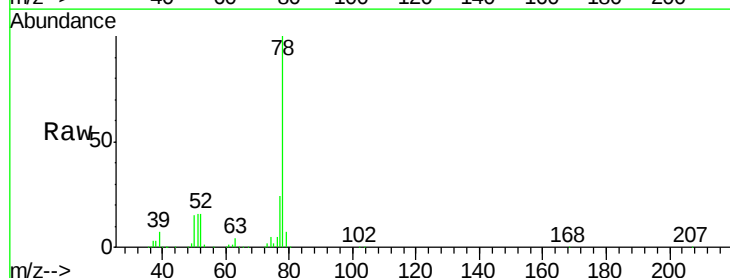
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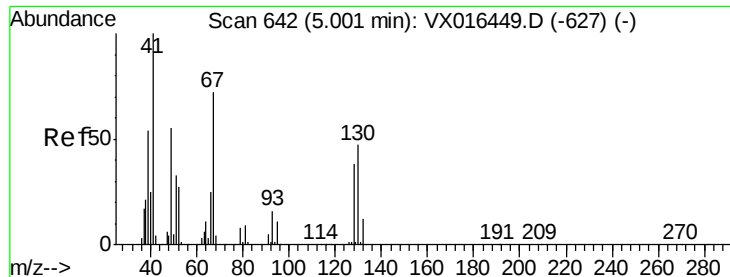
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#40
Benzene
Concen: 17.90 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





#41

Methacrylonitrile

Concen: 16.45 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

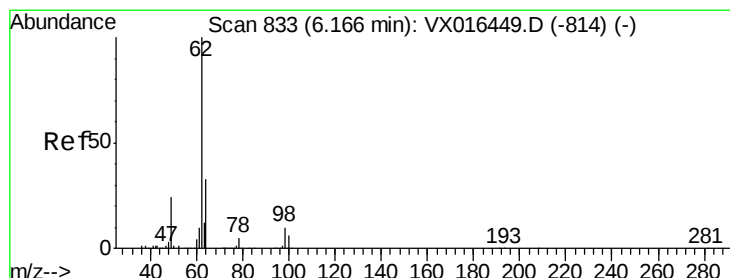
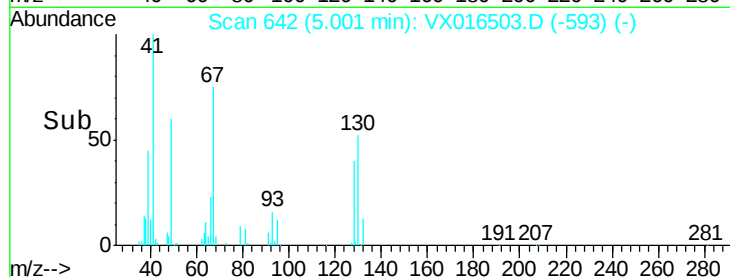
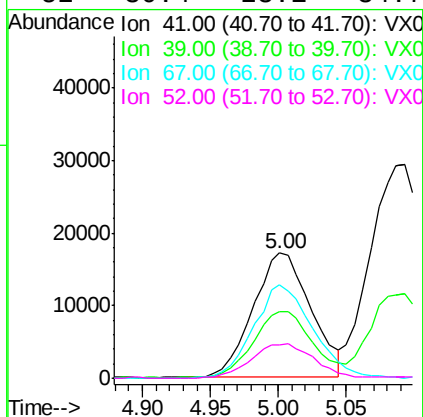
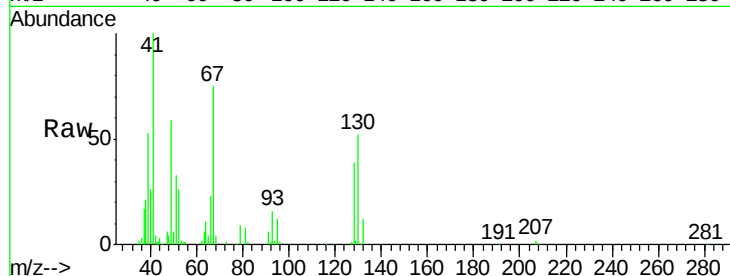
ClientSampleId :

VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.0	64.4
67	76.7	58.9	88.3
52	30.4	23.1	34.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 17.85 ug/l

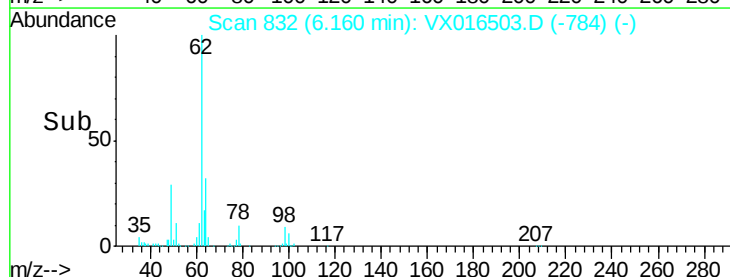
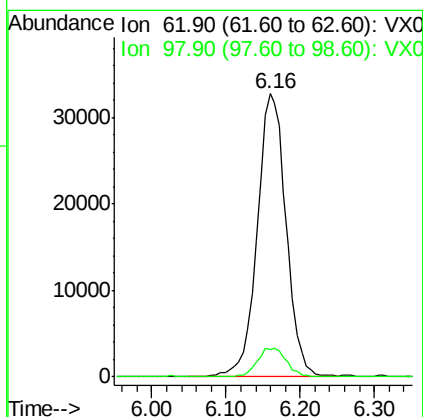
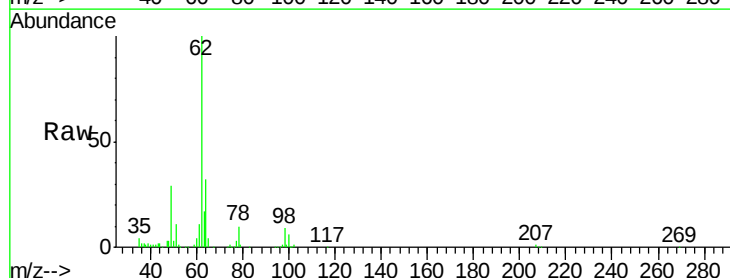
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





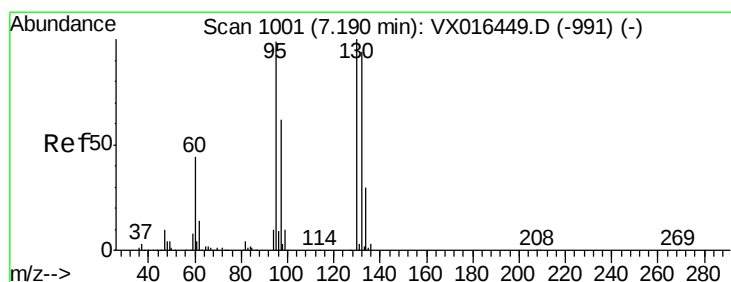
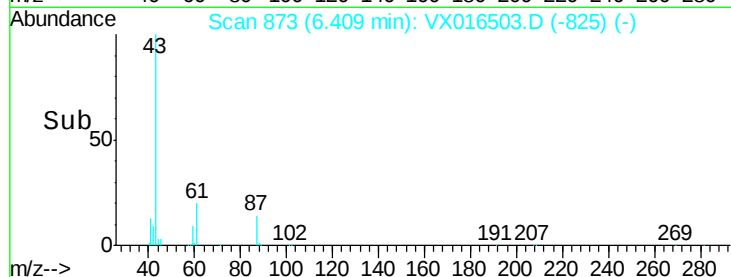
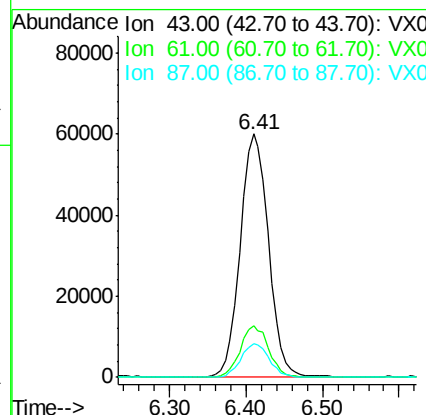
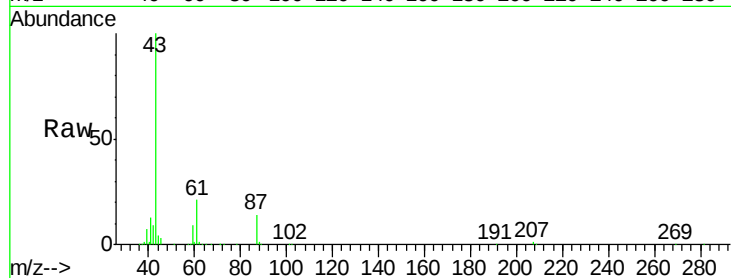
#43
Isopropyl Acetate
Concen: 17.34 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.8	25.2
87	13.9	11.2	16.8

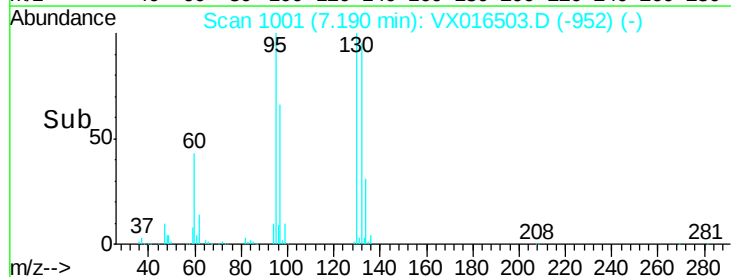
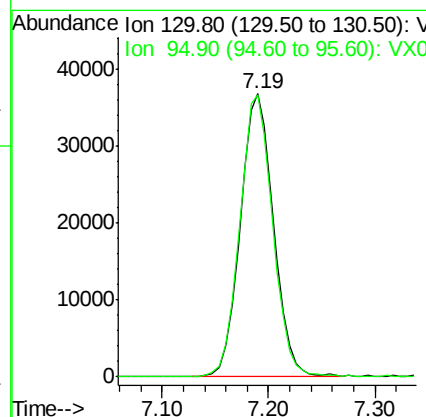
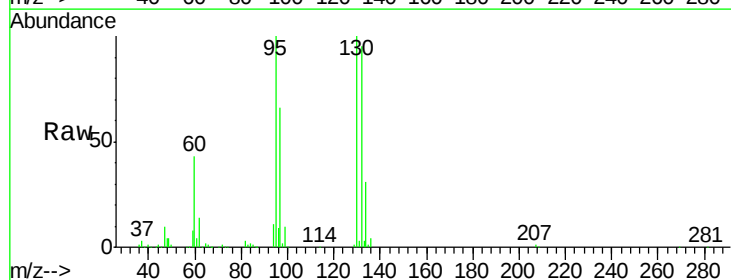
Manual Integrations
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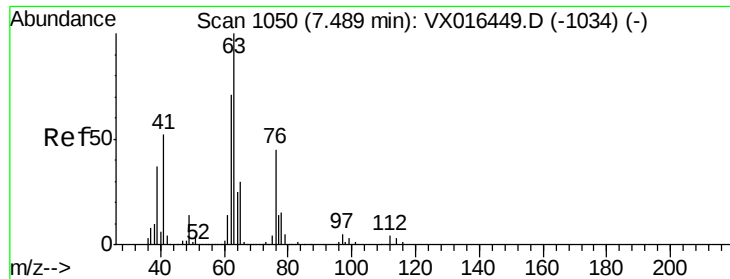
MMDadoda
6/1/2020 12:28:07 PM



#44
Trichloroethene
Concen: 18.01 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	198.2





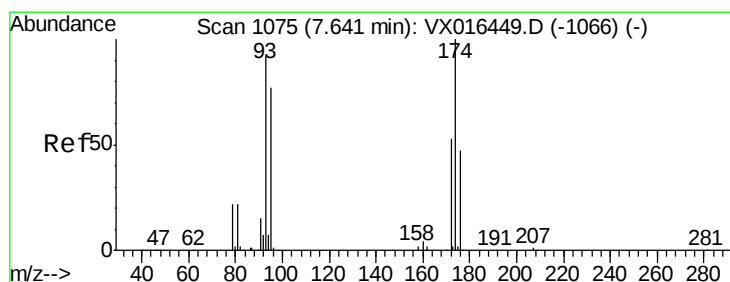
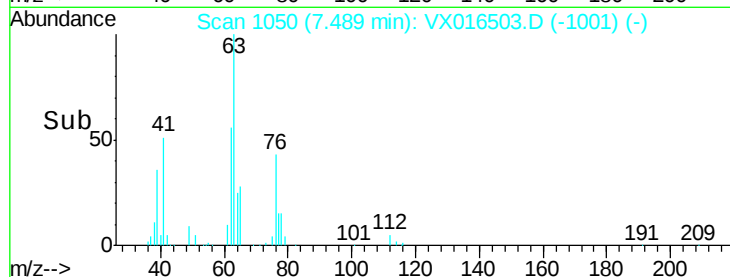
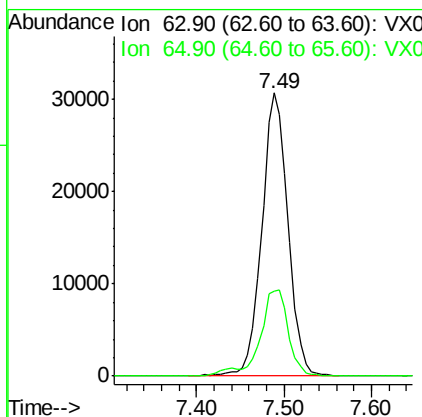
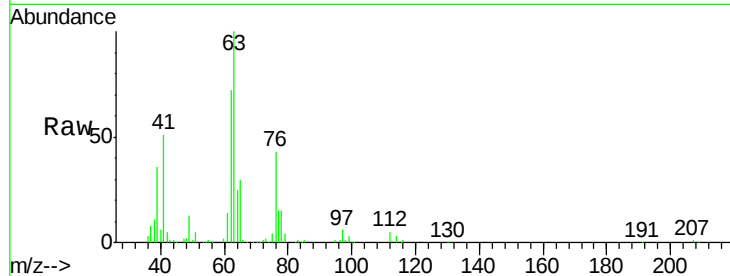
#45
 1,2-Dichloropropane
 Concen: 17.98 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tgt Ion: 63 Resp: 64270
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.2 36.2

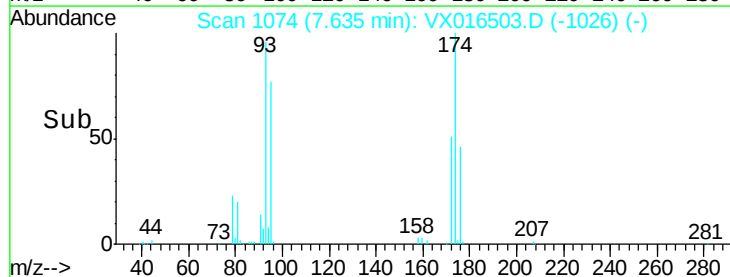
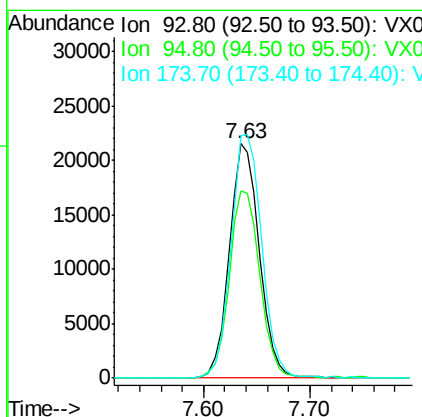
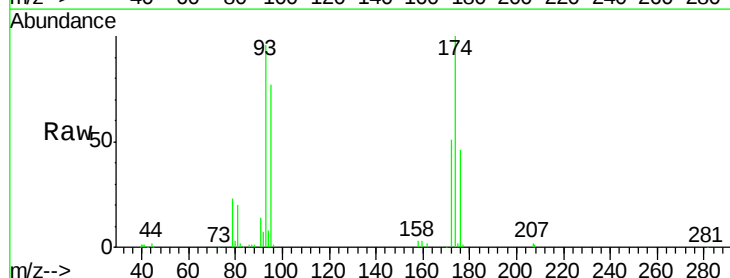
Manual Integrations
 APPROVED

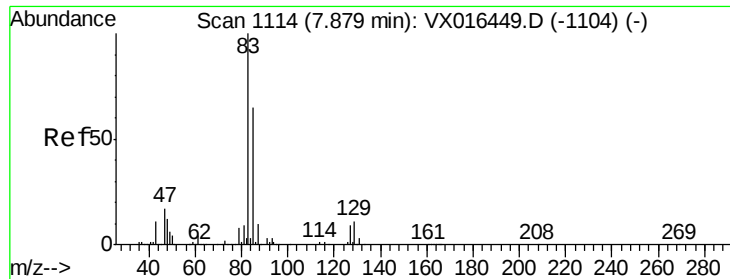
MMDadoda
 6/1/2020 12:28:07 PM



#46
 Dibromomethane
 Concen: 17.66 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion: 93 Resp: 42390
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.6 100.0
 174 107.1 86.2 129.4





#47

Bromodichloromethane

Concen: 17.67 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

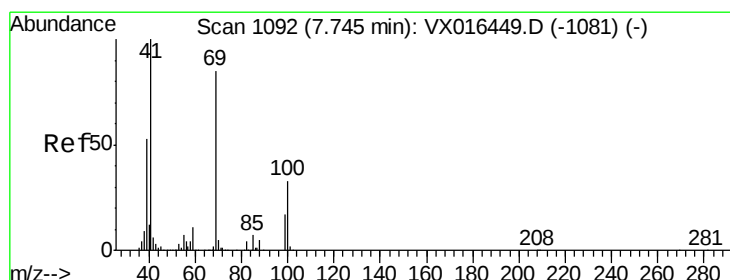
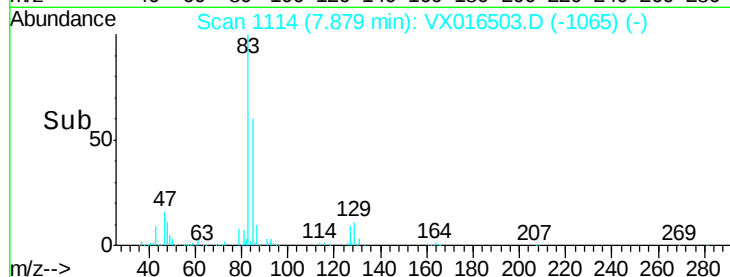
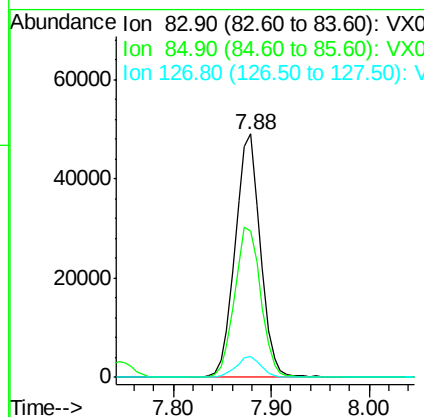
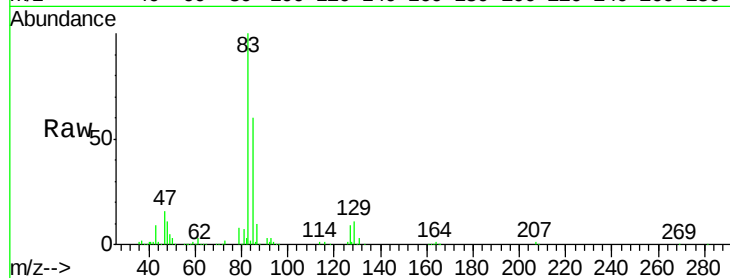
ClientSampleId :

VX0529WBS01

Tgt Ion:	83	Resp:	87823
Ion	Ratio	Lower	Upper
83	100		
85	59.9	52.0	78.0
127	8.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.86 ug/l

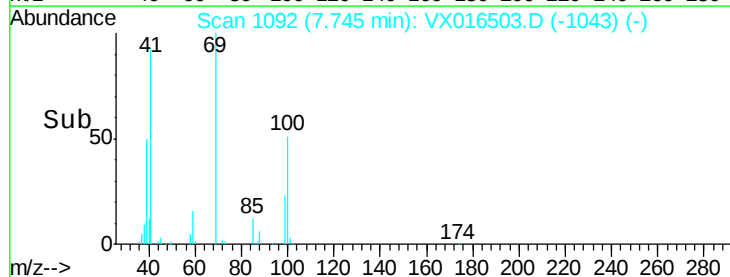
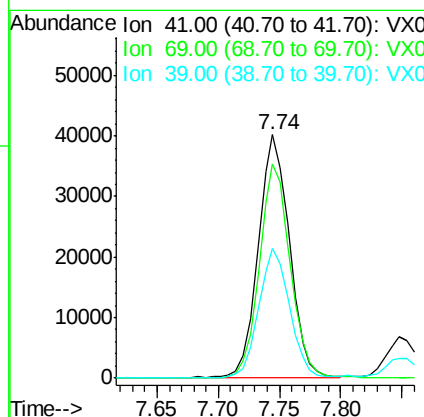
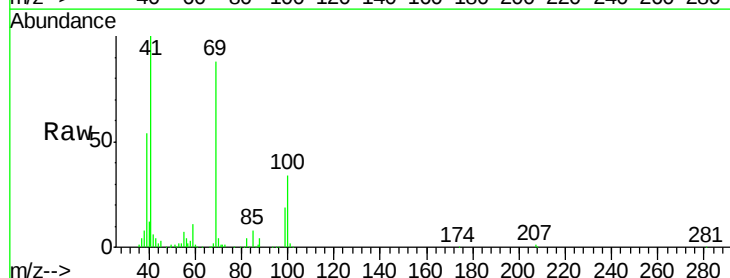
RT: 7.74 min Scan# 1092

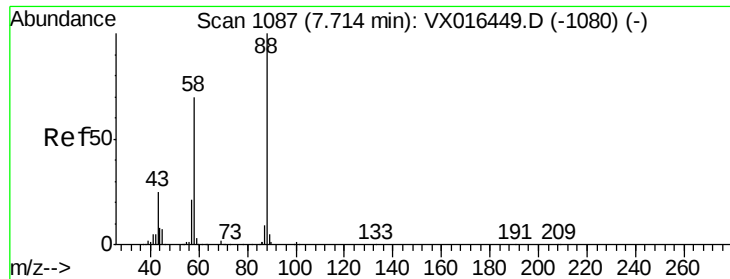
Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion:	41	Resp:	71293
Ion	Ratio	Lower	Upper
41	100		
69	87.6	68.6	102.8
39	53.4	42.4	63.6





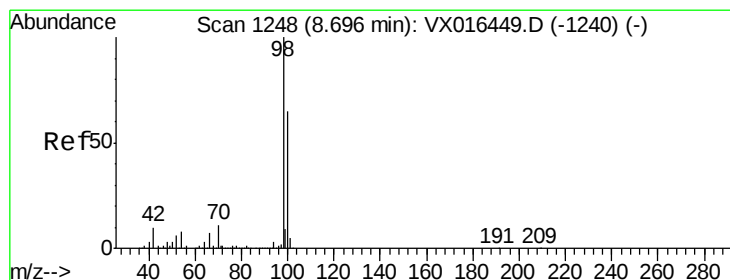
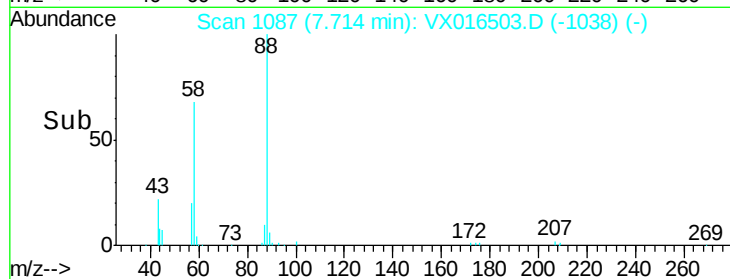
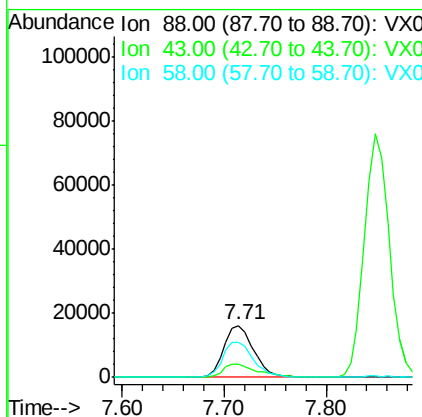
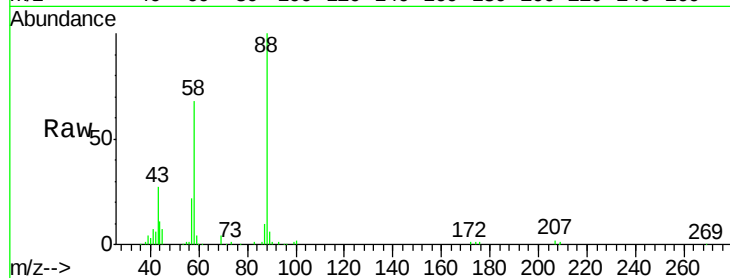
#49
1,4-Dioxane
Concen: 330.36 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.6	24.2	36.4
58	70.6	56.5	84.7

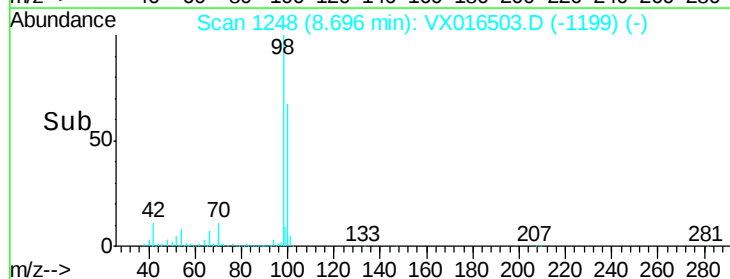
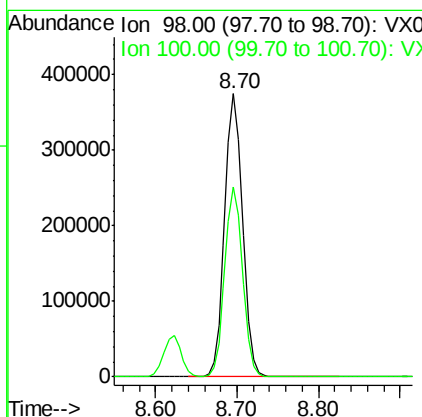
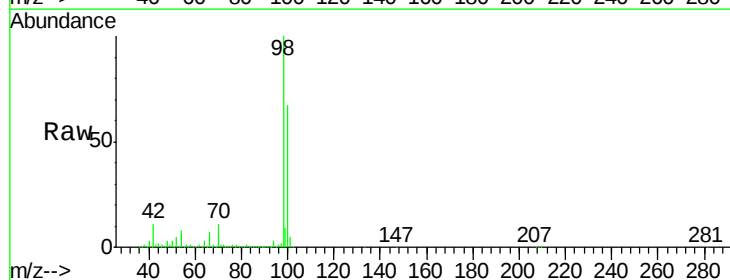
Manual Integrations
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#50
Toluene-d8
Concen: 47.95 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





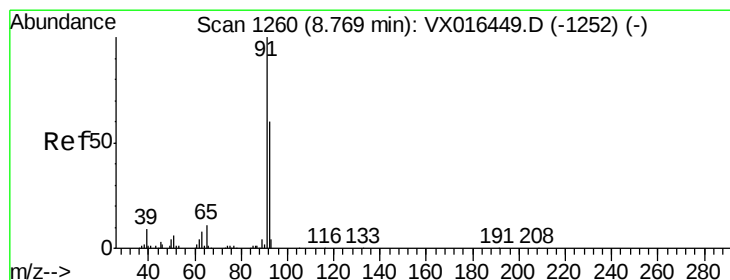
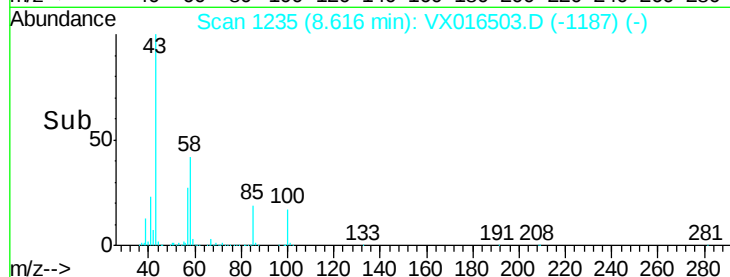
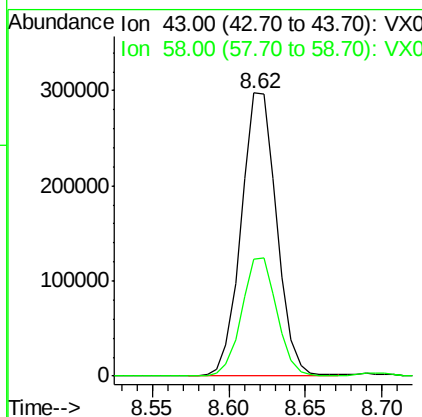
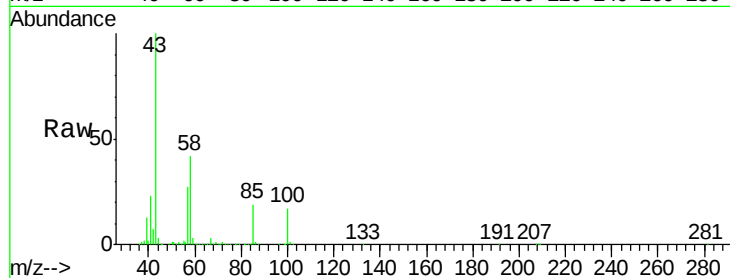
#51
 4-Methyl-2-Pentanone
 Concen: 86.95 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.6	33.0	49.6

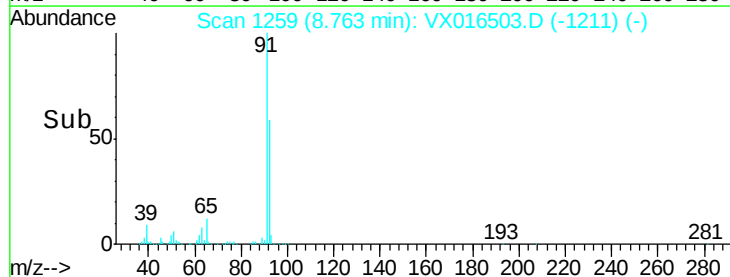
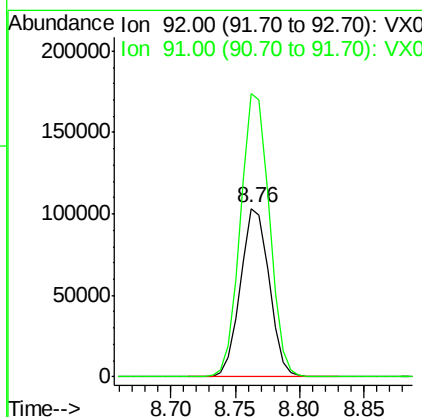
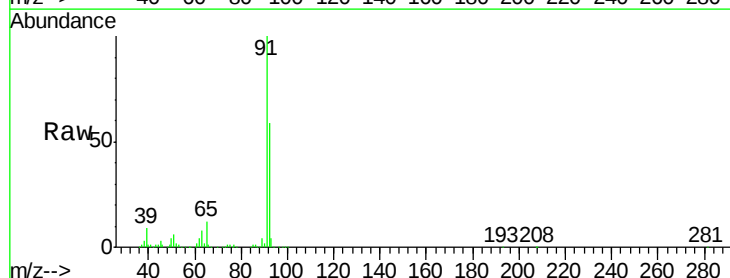
Manual Integrations
 APPROVED

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 6/1/2020 12:28:07 PM



#52
 Toluene
 Concen: 18.01 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.7	135.0	202.4





#53

t-1,3-Dichloropropene

Concen: 17.84 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tgt Ion: 75 Resp: 100862

Ion Ratio Lower Upper

75 100

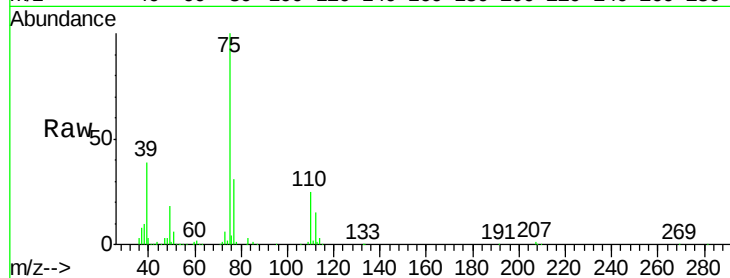
77 31.0 25.5 38.3

Manual Integrations

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MMDadoda

6/1/2020 12:28:07 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

80000

60000

40000

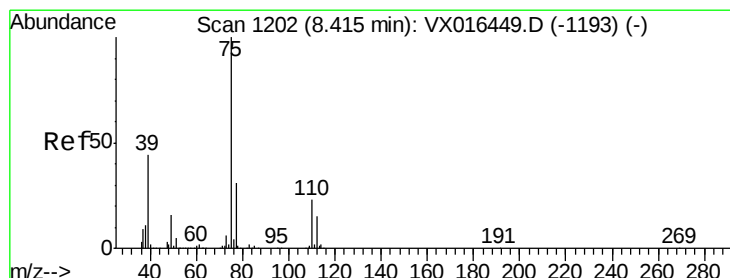
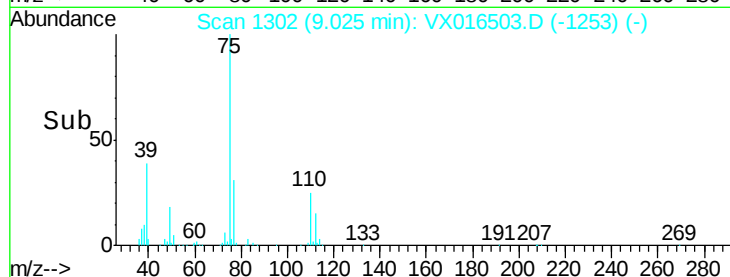
20000

0

Time-->

8.95 9.00 9.05 9.10

9.02



#54

cis-1,3-Dichloropropene

Concen: 18.00 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

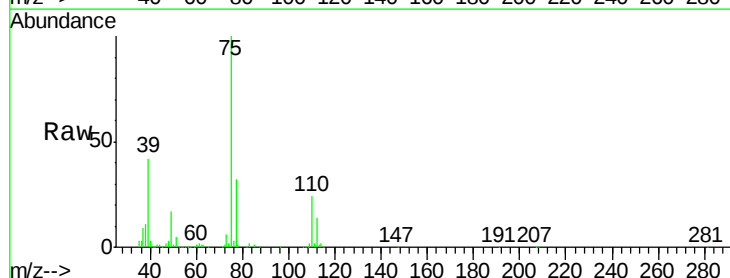
Tgt Ion: 75 Resp: 107684

Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 41.6 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

80000

60000

40000

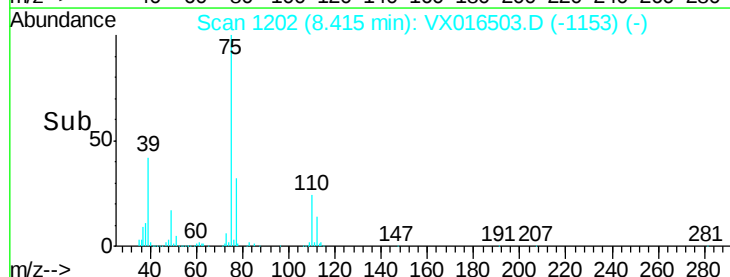
20000

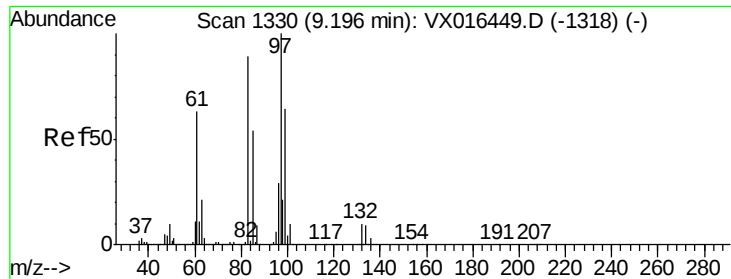
0

Time-->

8.35 8.40 8.45 8.50

8.42





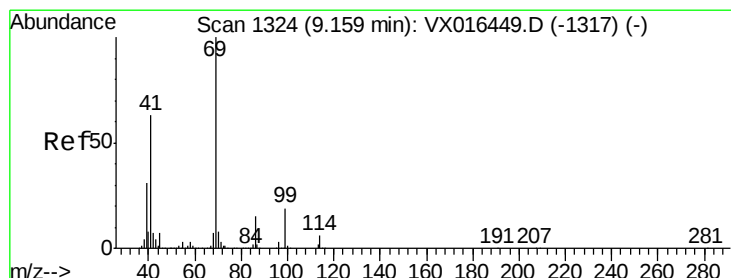
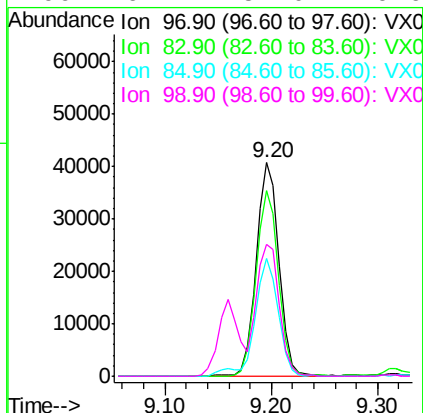
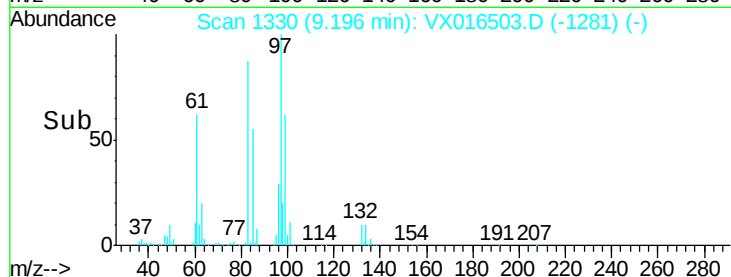
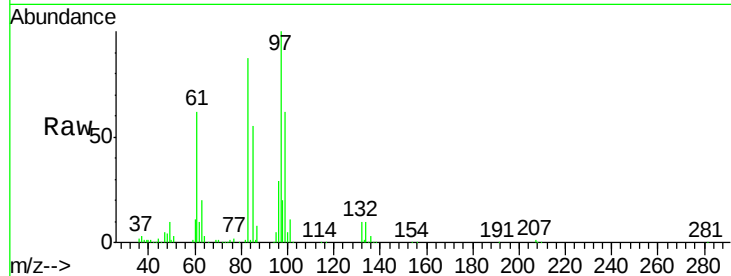
#55
 1,1,2-Trichloroethane
 Concen: 17.36 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		61097		
83	87.1	70.9	106.3		
85	55.4	43.4	65.2		
99	61.7	51.0	76.6		

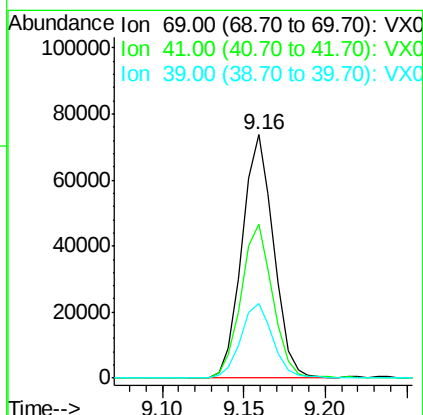
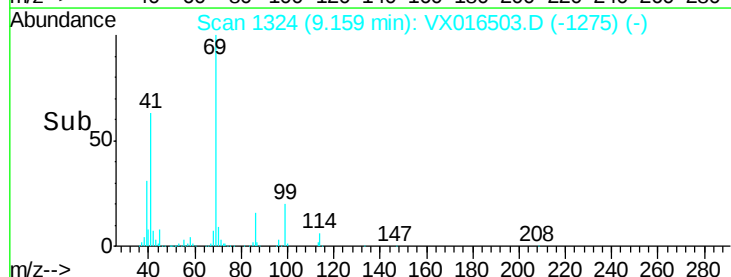
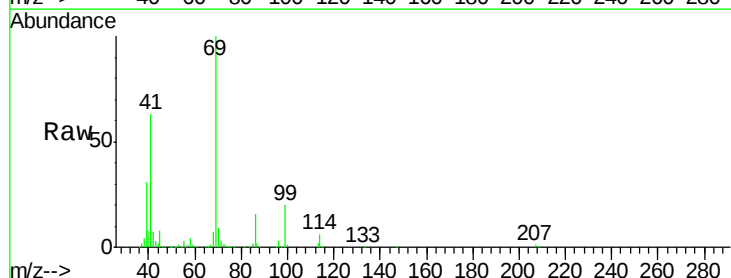
Manual Integrations
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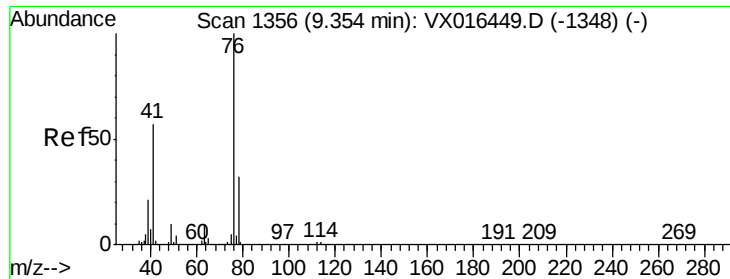
MMDadoda
 6/1/2020 12:28:07 PM



#56
 Ethyl methacrylate
 Concen: 17.41 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		99803		
41	63.1	50.7	76.1		
39	31.0	25.8	38.6		





#57

1,3-Dichloropropane

Concen: 17.81 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tgt Ion: 76 Resp: 107616

Ion Ratio Lower Upper

76 100

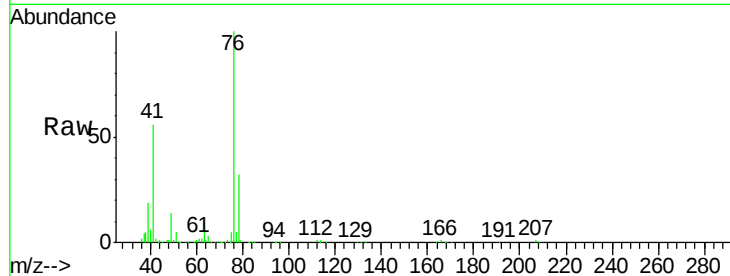
78 32.4 26.2 39.4

Manual Integrations

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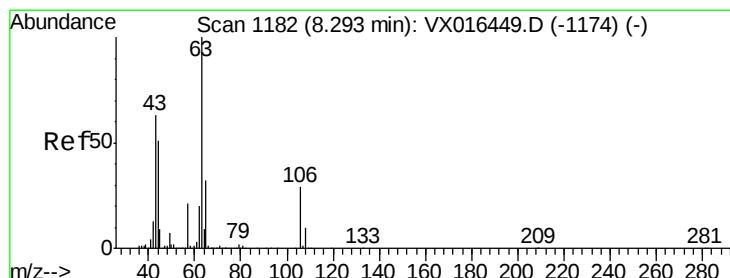
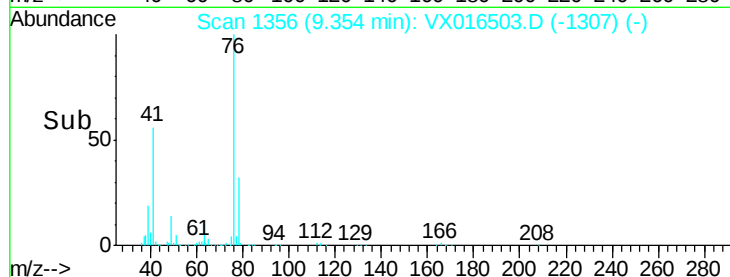
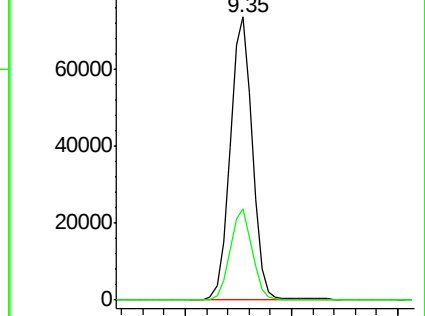
MMDadoda

6/1/2020 12:28:07 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 88.87 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016503.D

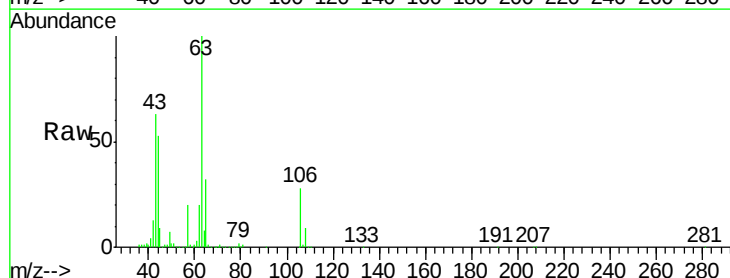
Acq: 29 May 2020 12:09

Tgt Ion: 63 Resp: 265962

Ion Ratio Lower Upper

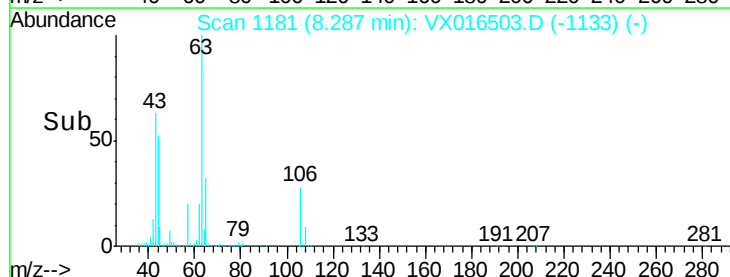
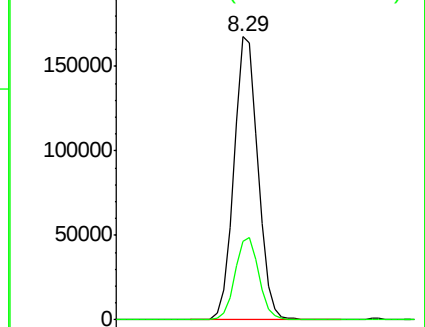
63 100

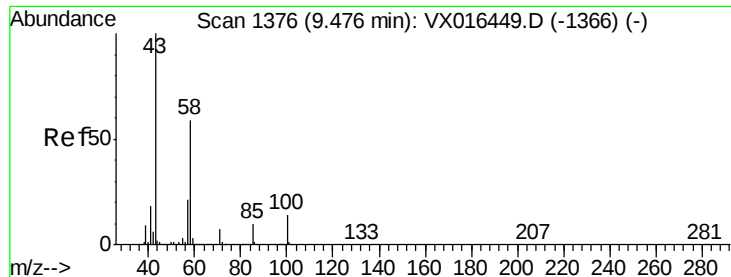
106 28.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





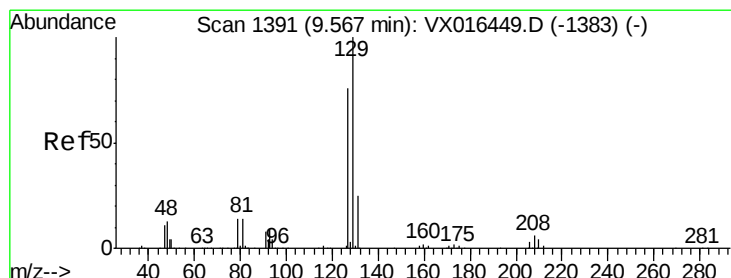
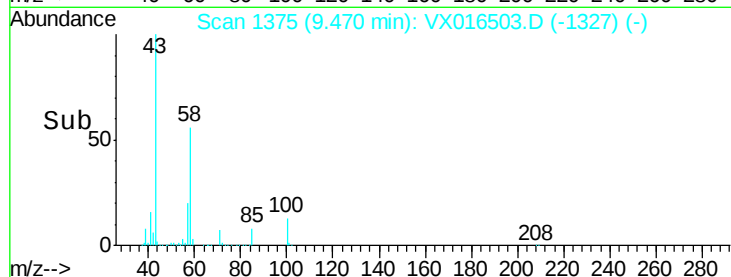
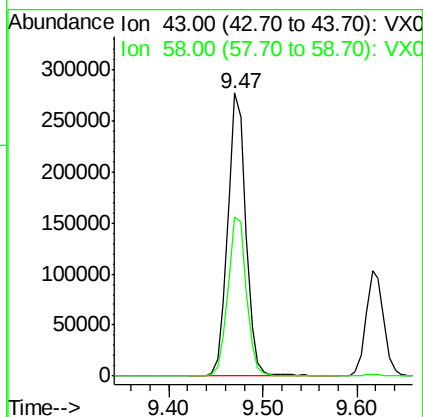
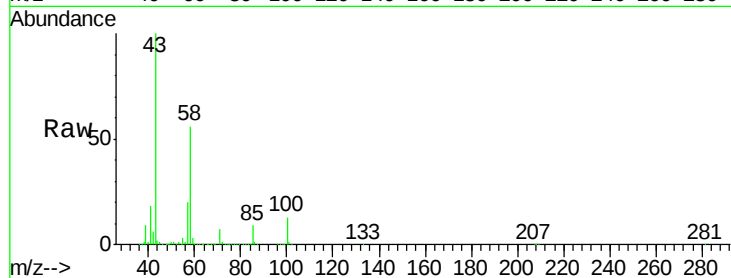
#59
2-Hexanone
Concen: 86.64 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion: 43 Resp: 370407
Ion Ratio Lower Upper
43 100
58 57.8 28.8 86.4

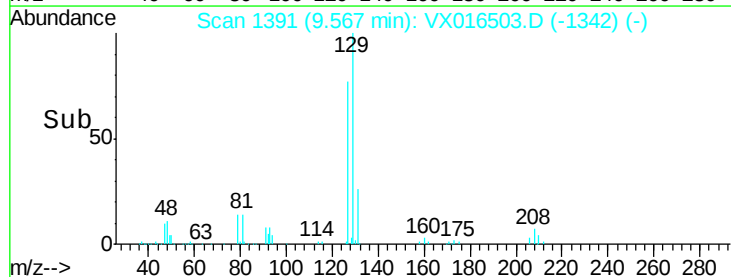
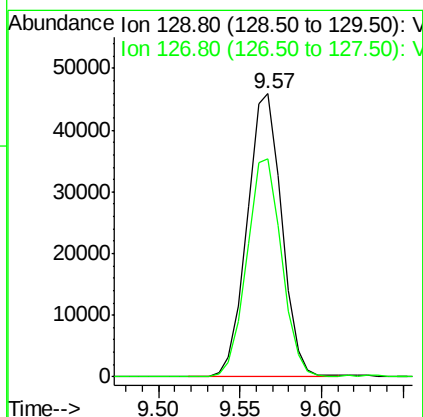
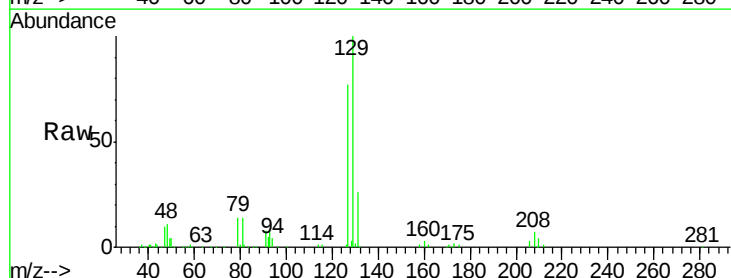
Manual Integrations
APPROVED

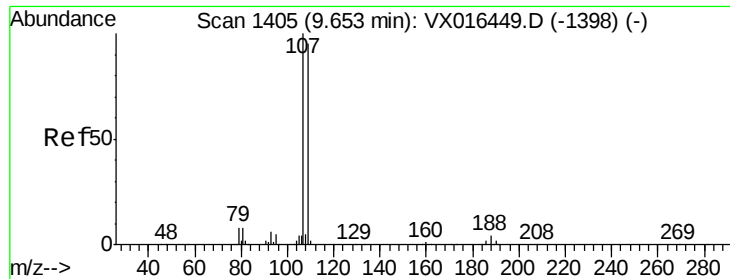
MMDadoda
6/1/2020 12:28:07 PM



#60
Dibromochloromethane
Concen: 17.17 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 129 Resp: 68012
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 17.56 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

Tgt Ion: 107 Resp: 66184

Ion Ratio Lower Upper

107 100

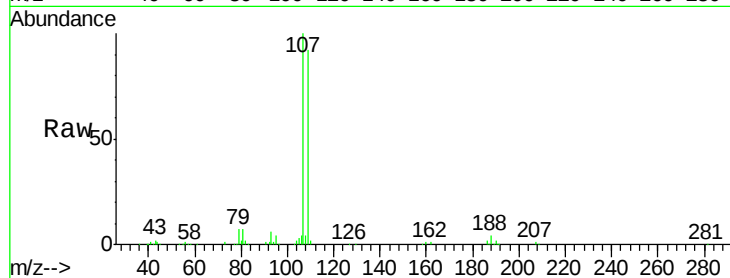
109 93.0 75.5 113.3

Manual Integrations

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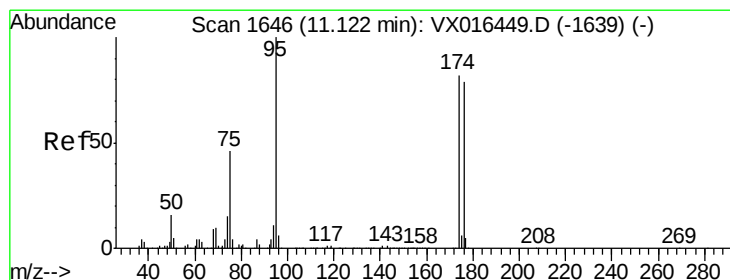
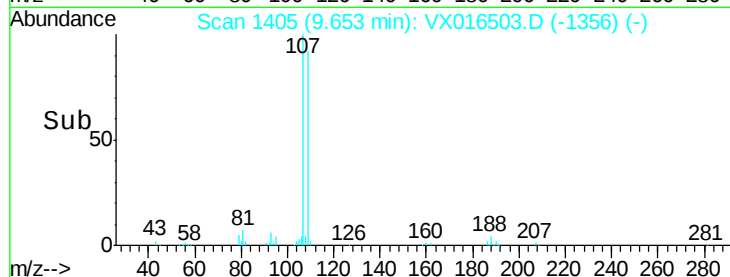
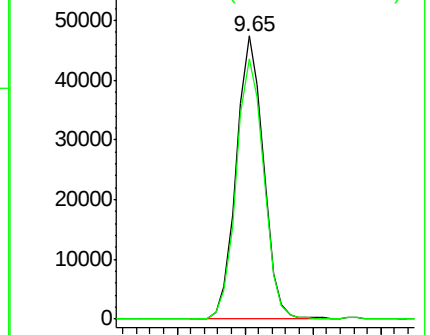
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.72 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

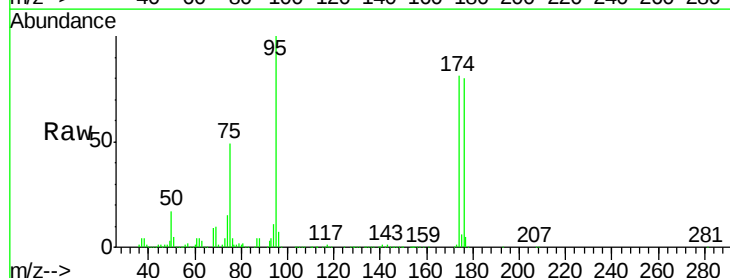
Tgt Ion: 95 Resp: 210854

Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.0

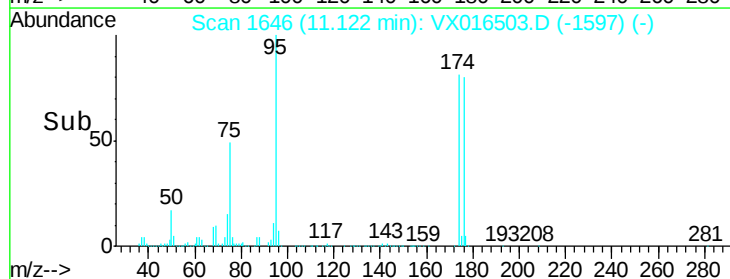
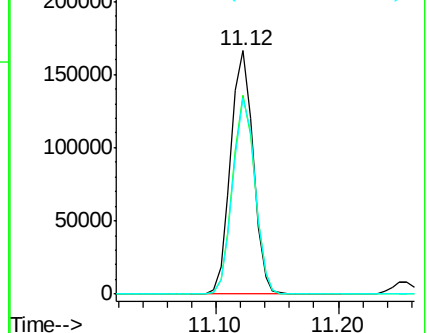
176 79.6 0.0 156.8

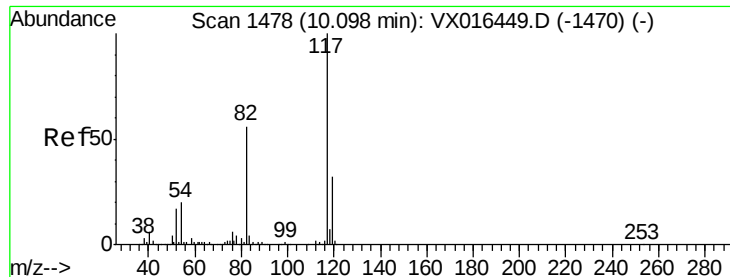


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





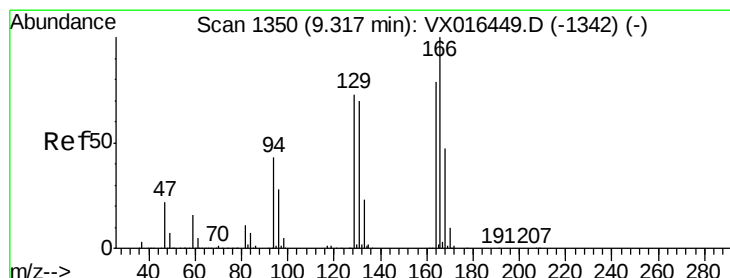
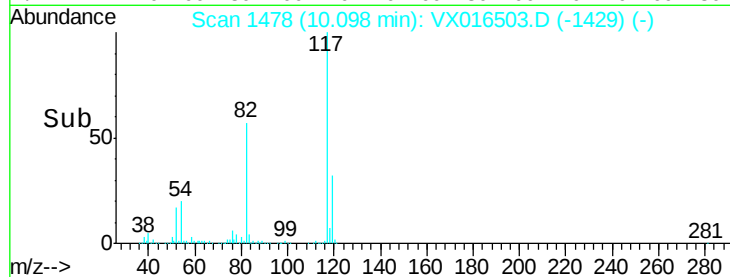
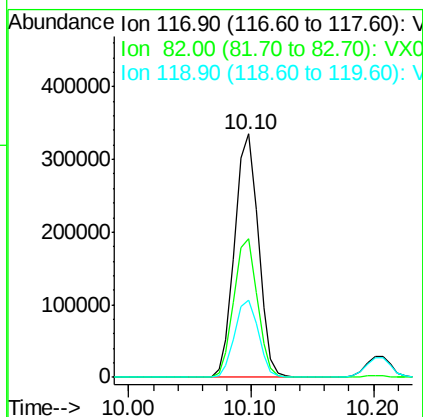
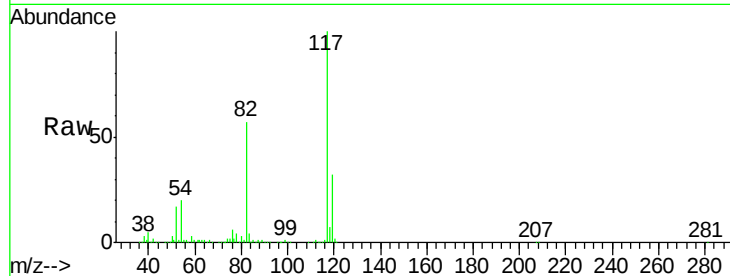
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	449522		
82	56.7	45.0	67.6	
119	31.7	25.8	38.8	

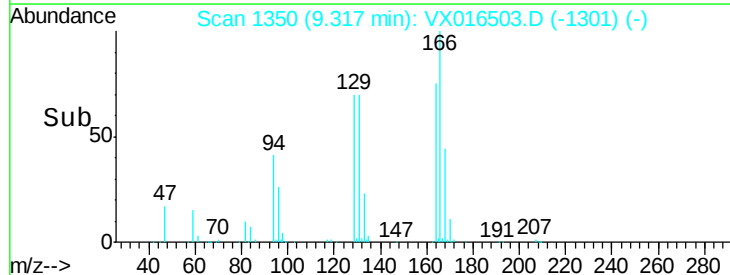
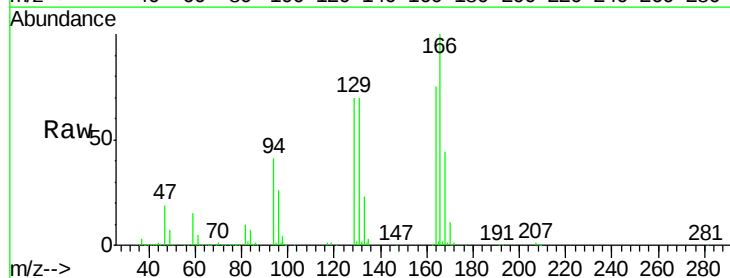
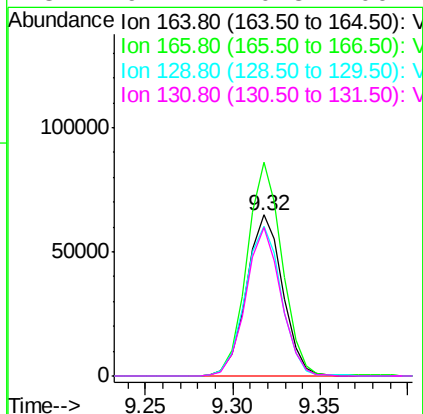
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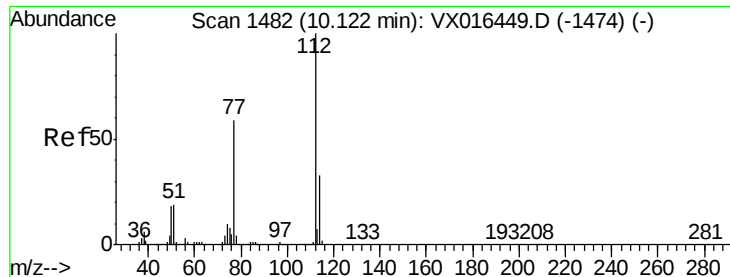
MMDadoda
6/1/2020 12:28:07 PM



#64
Tetrachloroethene
Concen: 18.52 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93151		
166	132.5	100.9	151.3	
129	93.1	73.2	109.8	
131	92.4	70.8	106.2	





#65

Chlorobenzene

Concen: 18.04 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

Tgt Ion:112 Resp: 165295

Ion Ratio Lower Upper

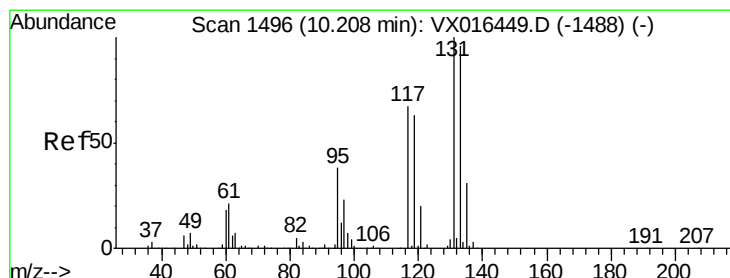
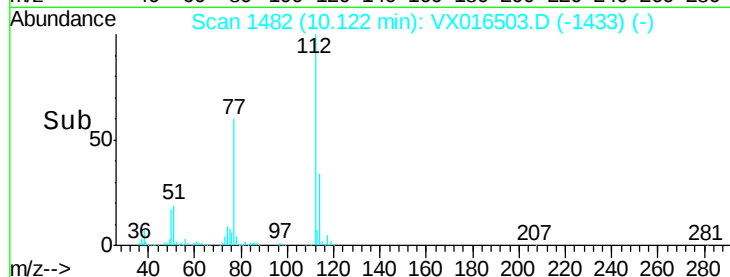
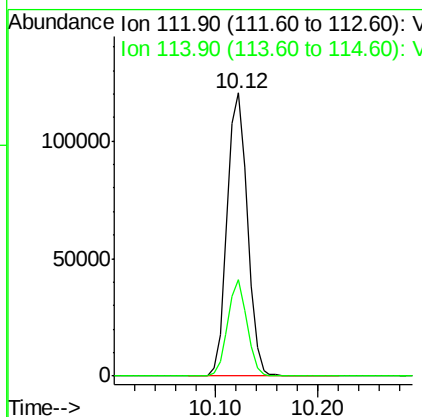
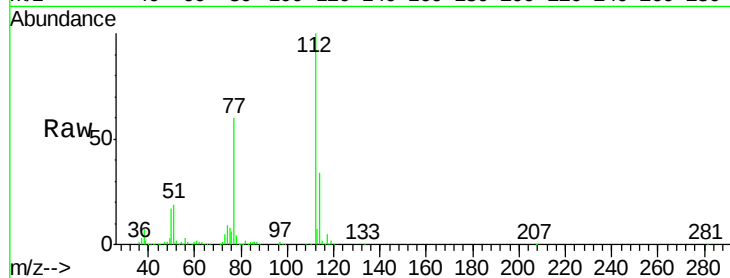
112 100

114 34.2 26.0 39.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 17.76 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

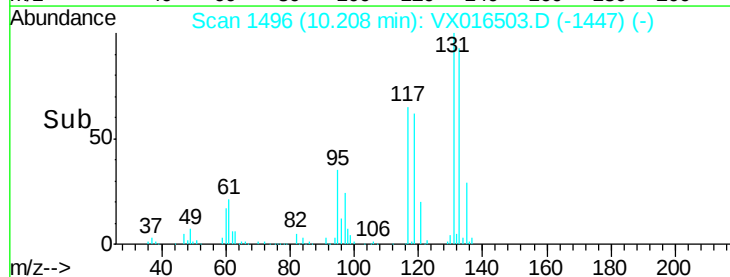
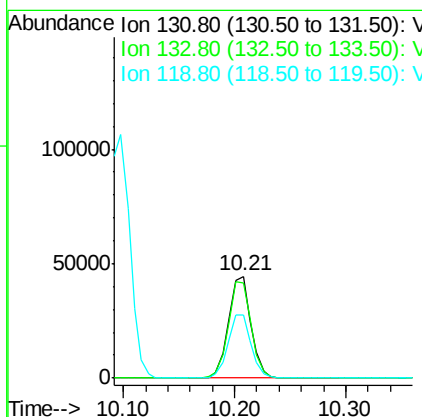
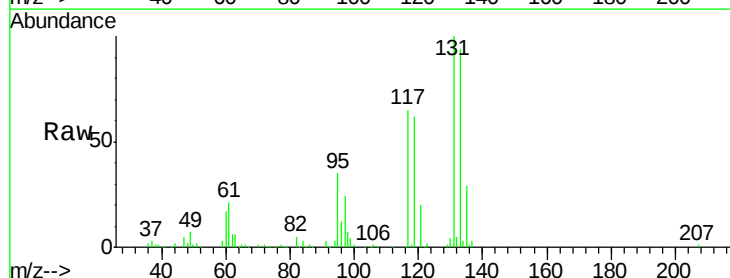
Tgt Ion:131 Resp: 62121

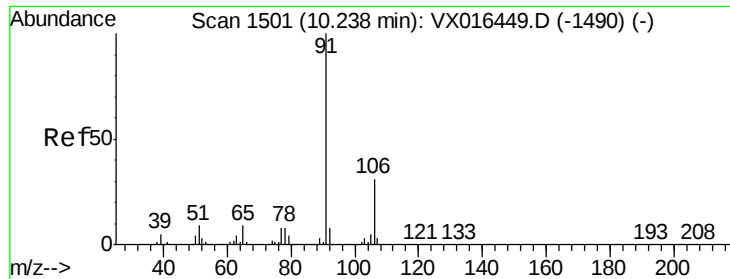
Ion Ratio Lower Upper

131 100

133 96.3 48.4 145.3

119 62.5 32.0 96.2





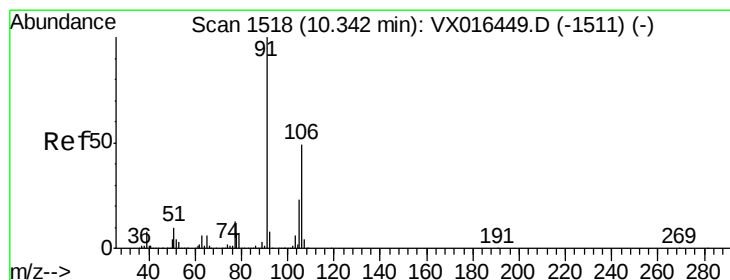
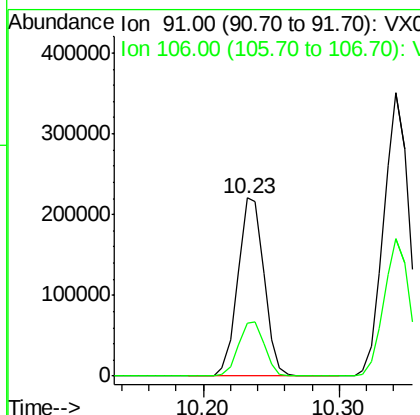
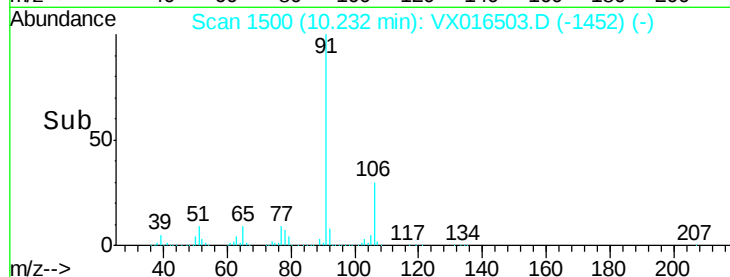
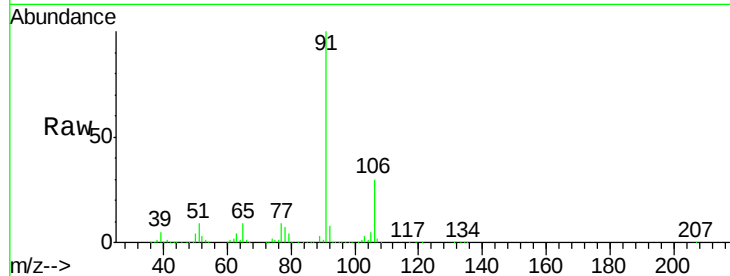
#67
Ethyl Benzene
Concen: 18.16 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

Tgt Ion: 91 Resp: 296315
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.4

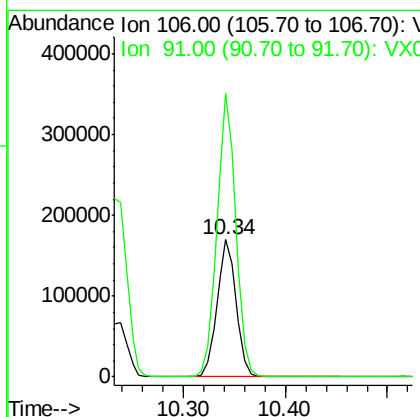
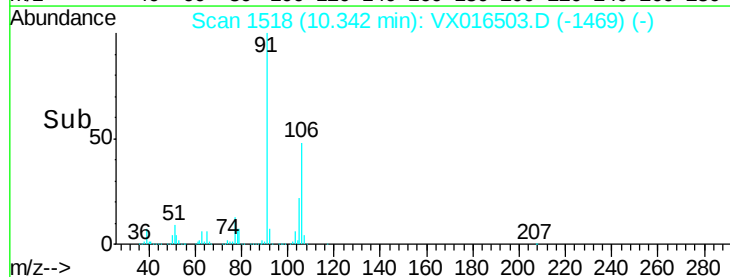
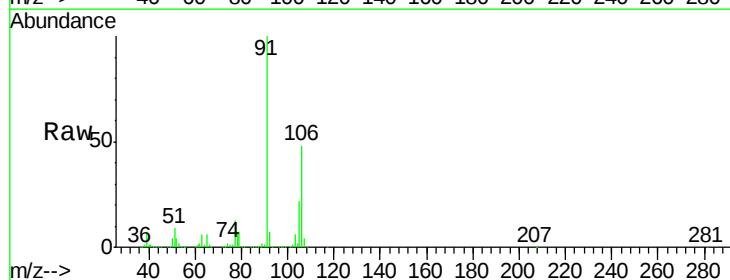
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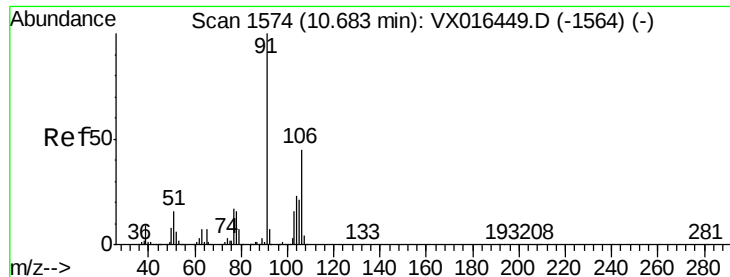
MMDadoda
6/1/2020 12:28:07 PM



#68
m/p-Xylenes
Concen: 36.97 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 106 Resp: 223637
Ion Ratio Lower Upper
106 100
91 204.6 163.8 245.8





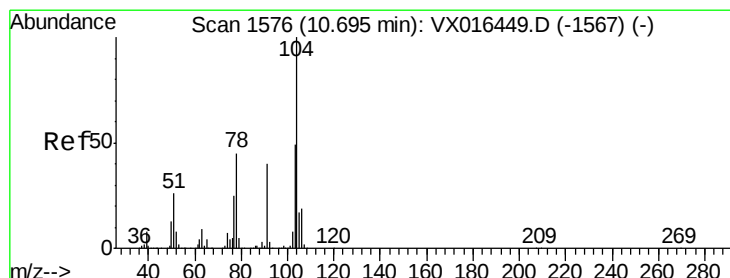
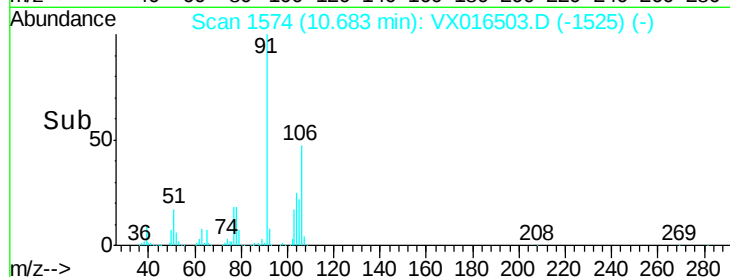
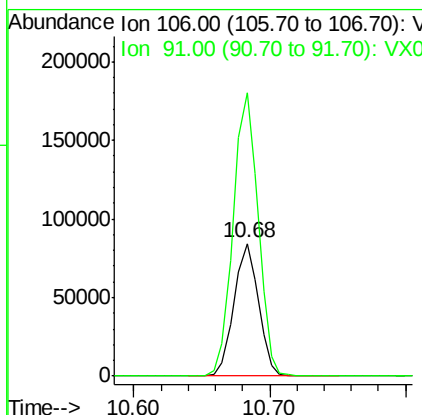
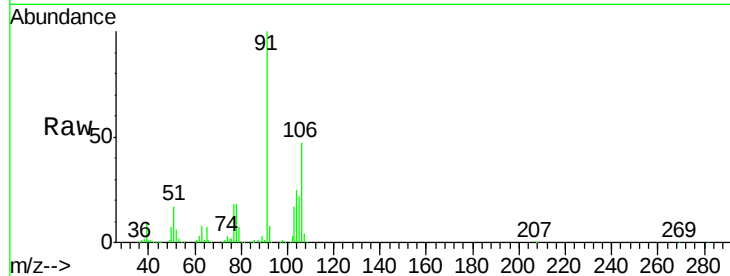
#69
o-Xylene
Concen: 18.13 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

Tgt Ion:106 Resp: 106242
Ion Ratio Lower Upper
106 100
91 217.2 109.6 328.8

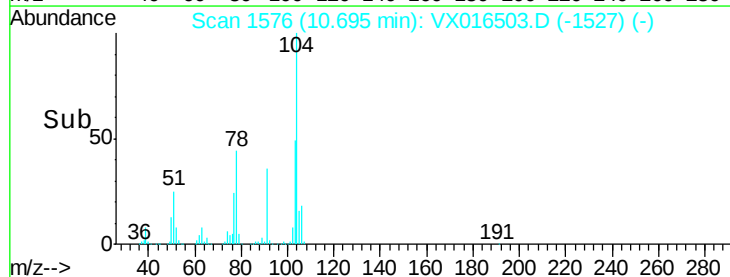
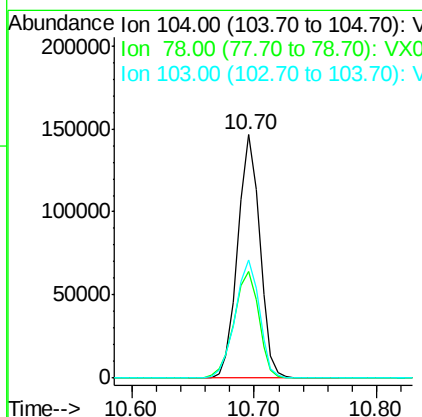
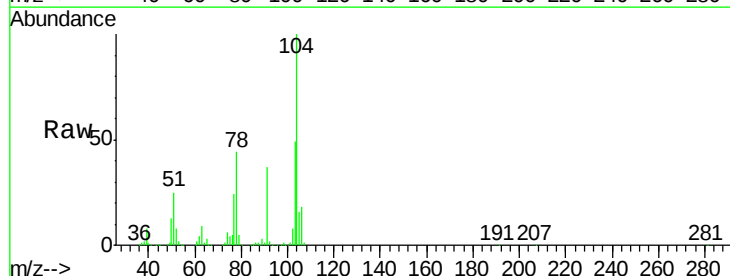
Manual Integrations
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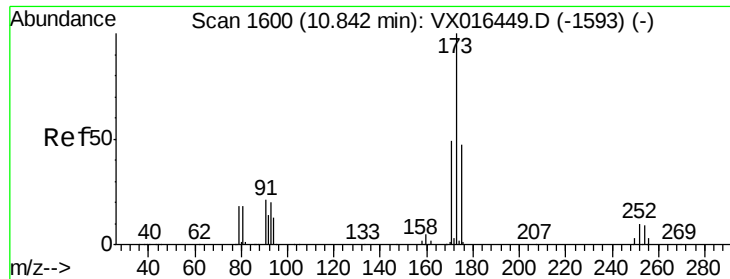
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#70
Styrene
Concen: 18.17 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion:104 Resp: 183009
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 53.7 43.1 64.7





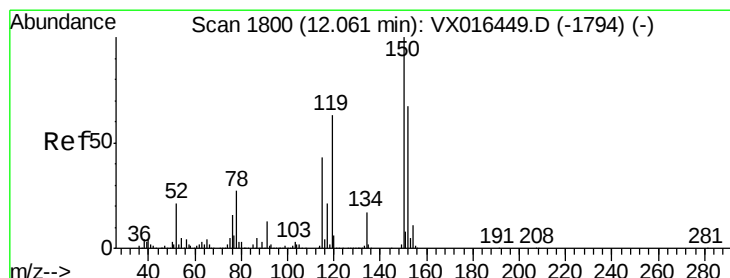
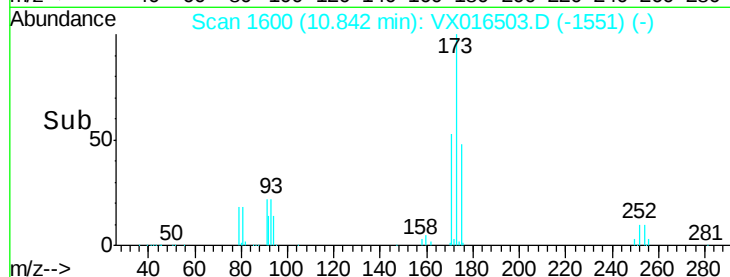
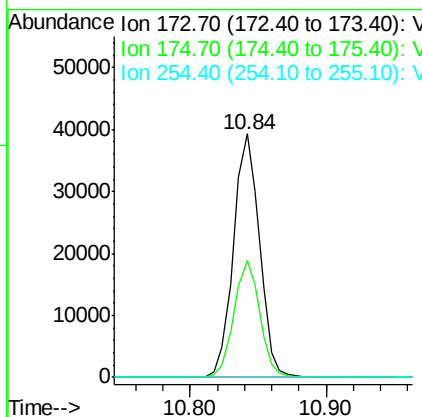
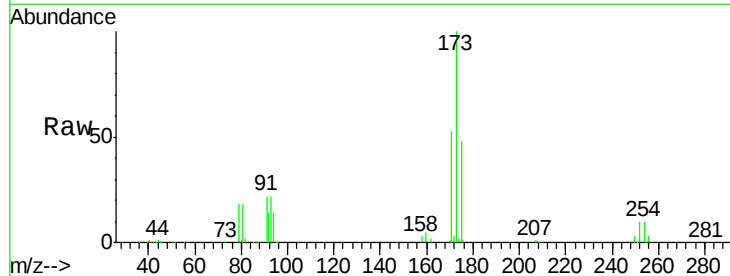
#71
Bromoform
Concen: 17.61 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.9	71.7
254	0.1	0.1	0.1#

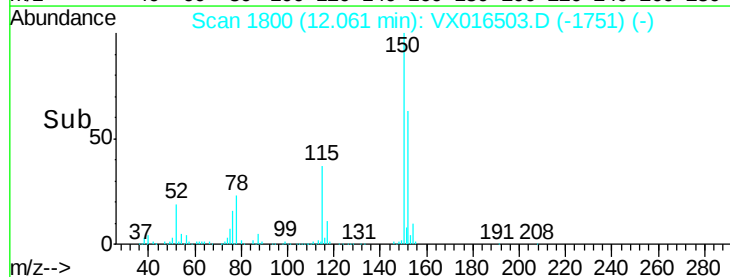
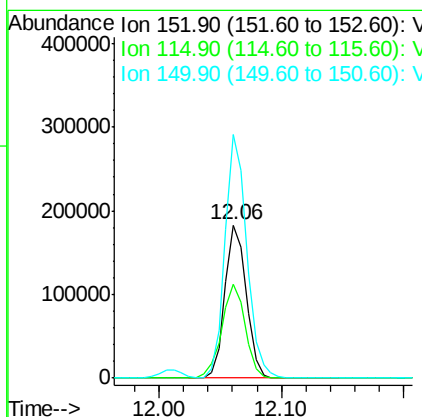
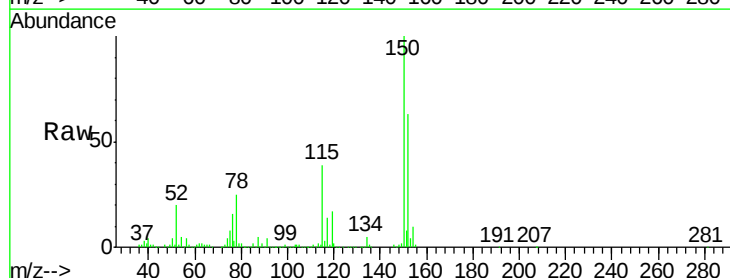
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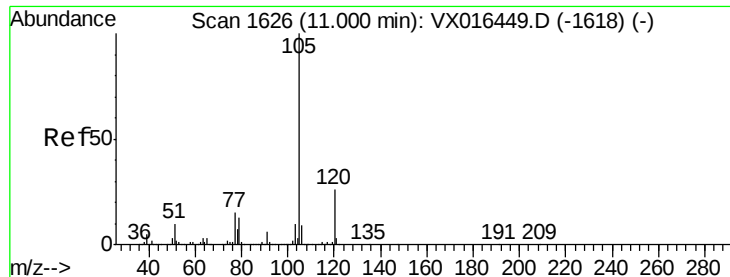
MMDadoda
6/1/2020 12:28:07 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.6	39.9	119.6
150	162.6	0.0	341.0





#73

Isopropylbenzene

Concen: 18.41 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

Tgt Ion: 105 Resp: 281063

Ion Ratio Lower Upper

105 100

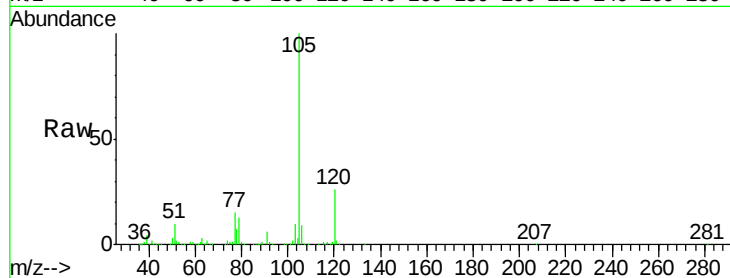
120 26.4 13.1 39.3

Manual Integrations

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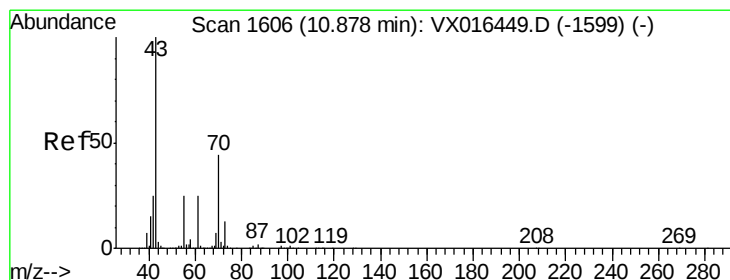
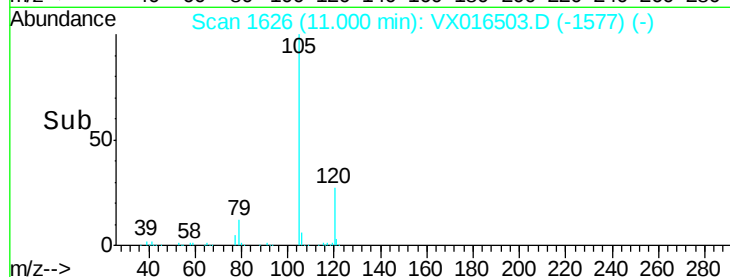
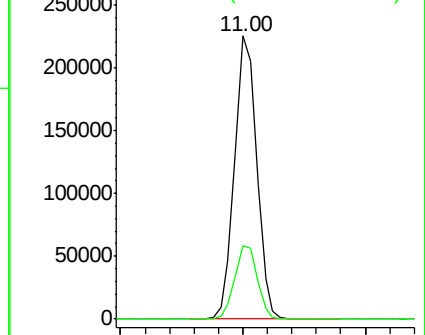
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.95 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion: 43 Resp: 126038

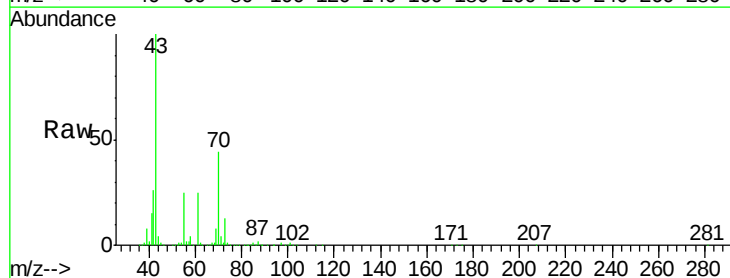
Ion Ratio Lower Upper

43 100

70 46.0 36.1 54.1

55 25.6 20.2 30.4

61 26.1 20.3 30.5

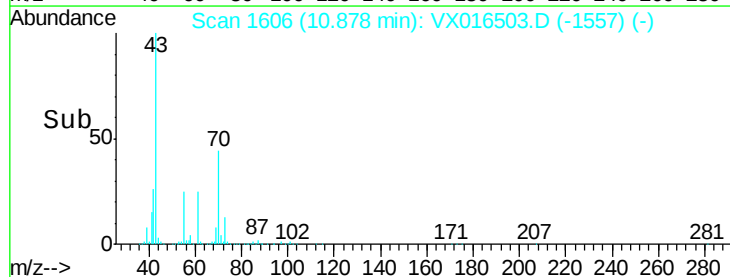
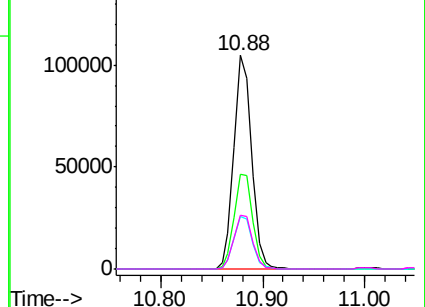


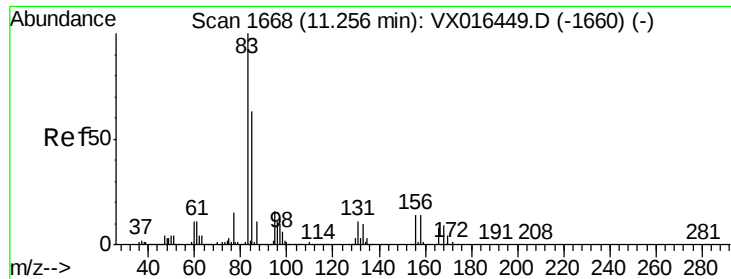
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.15 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

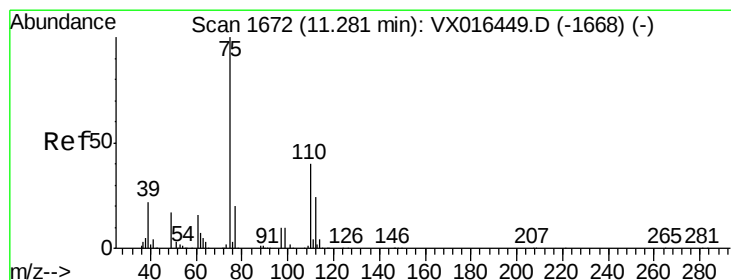
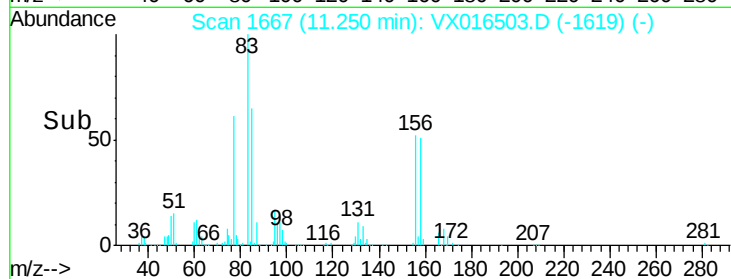
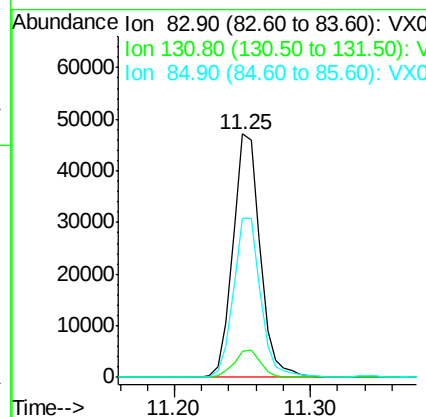
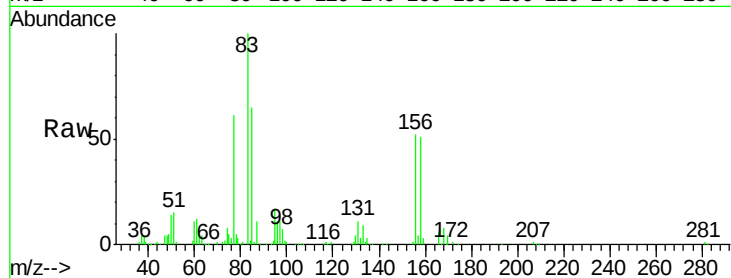
ClientSampleId :

VX0529WBS01

Tgt Ion:	83	Resp:	65603
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.3
85	65.7	32.0	96.2

Manual Integrations
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6/1/2020 12:28:07 PM



#76

1,2,3-Trichloropropane

Concen: 18.22 ug/l m

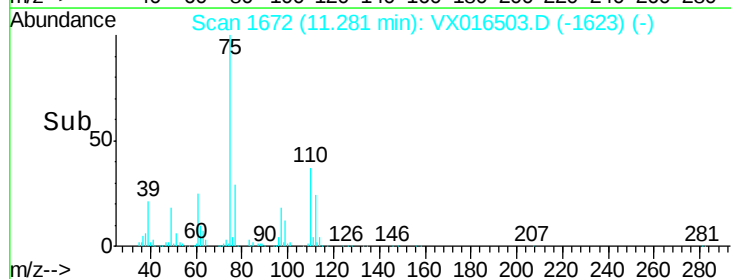
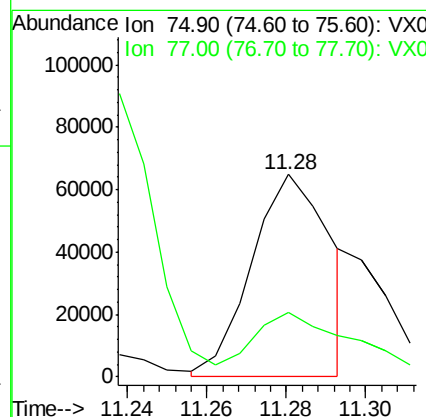
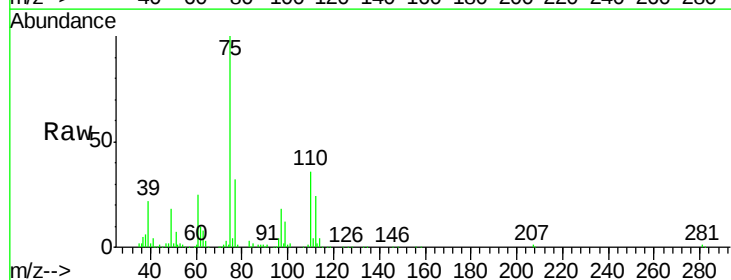
RT: 11.28 min Scan# 1672

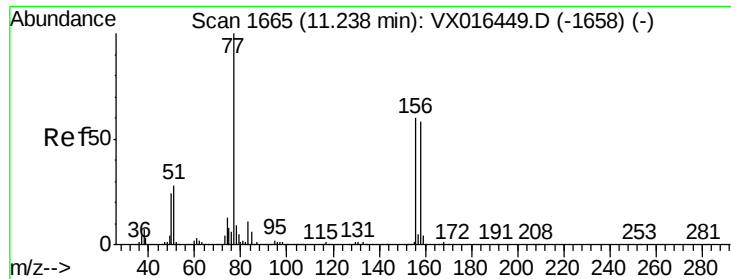
Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion:	75	Resp:	88231
Ion Ratio	Lower	Upper	
75	100		
77	41.2	21.3	63.7





#77

Bromobenzene

Concen: 18.11 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

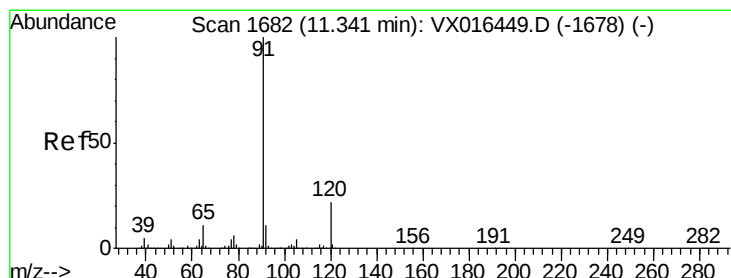
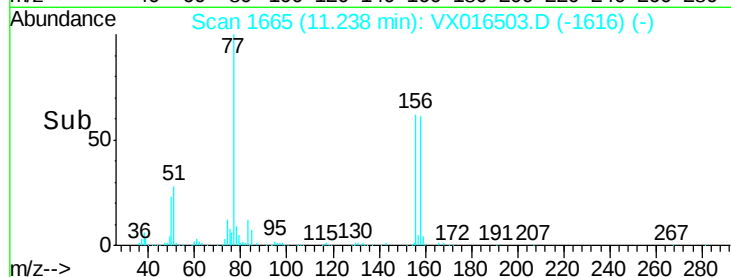
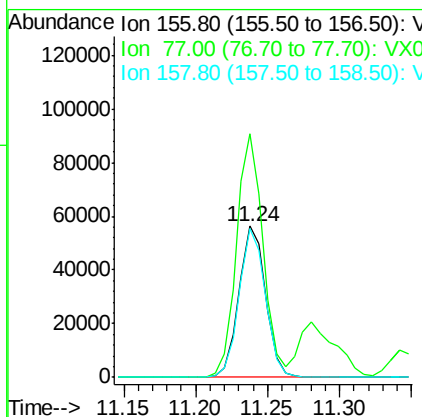
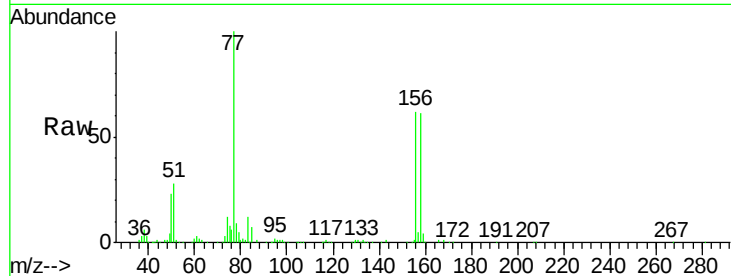
ClientSampleId :

VX0529WBS01

Tgt Ion:	156	Resp:	72504
Ion Ratio	Lower	Upper	
156	100		
77	159.5	79.6	238.8
158	96.4	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 18.22 ug/l

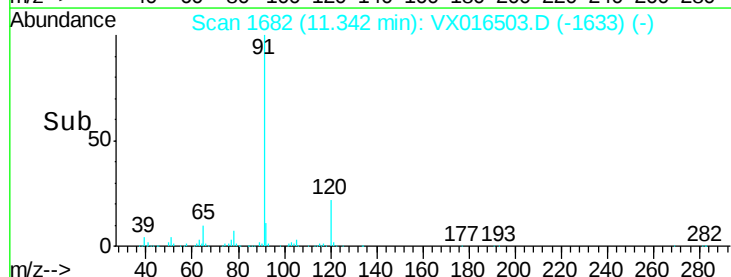
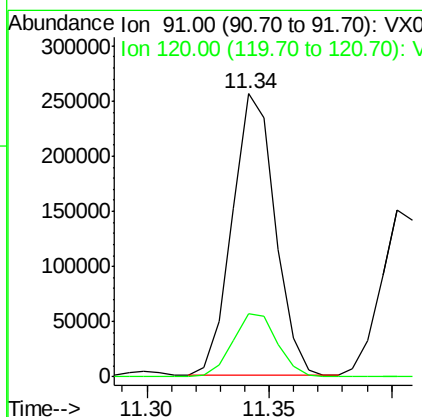
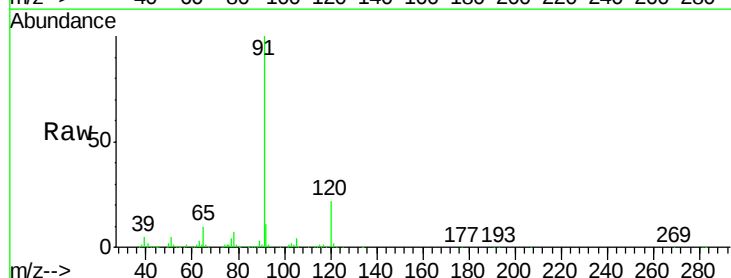
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion:	91	Resp:	310616
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.7





#79

2-Chlorotoluene

Concen: 18.49 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

Tgt Ion: 91 Resp: 192469

Ion Ratio Lower Upper

91 100

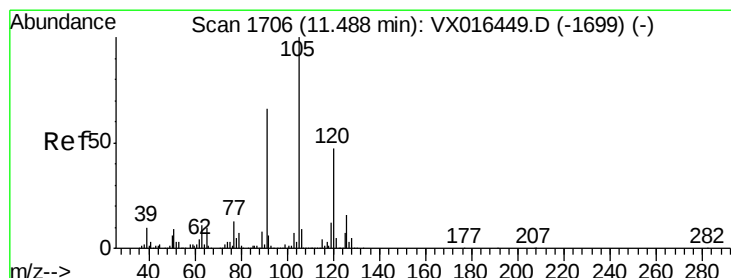
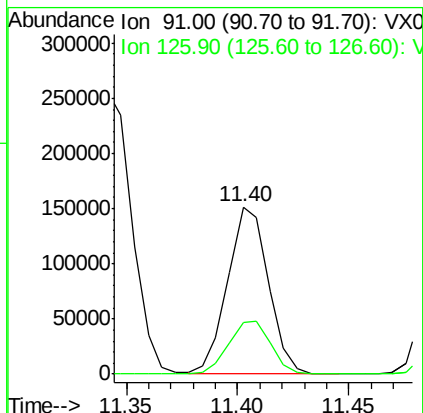
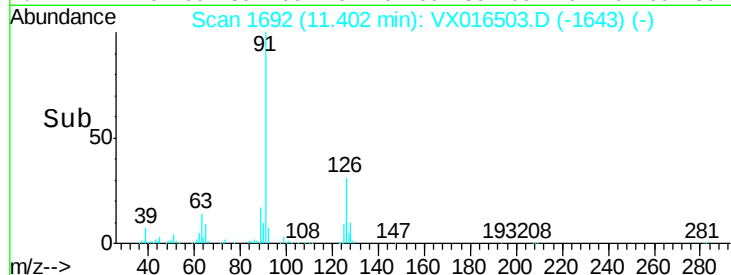
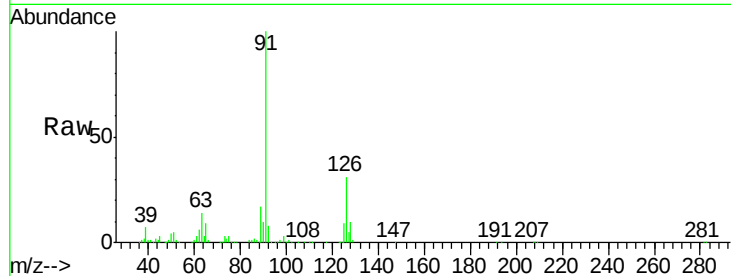
126 33.3 16.8 50.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.48 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016503.D

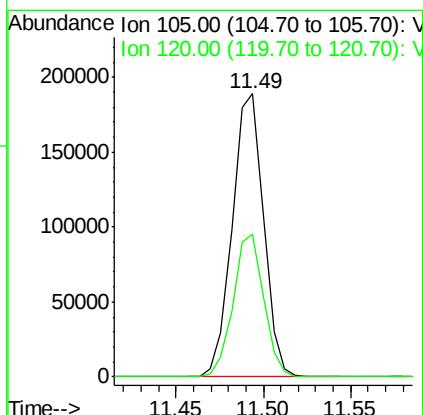
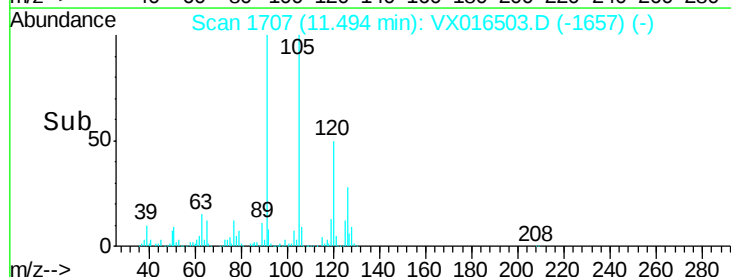
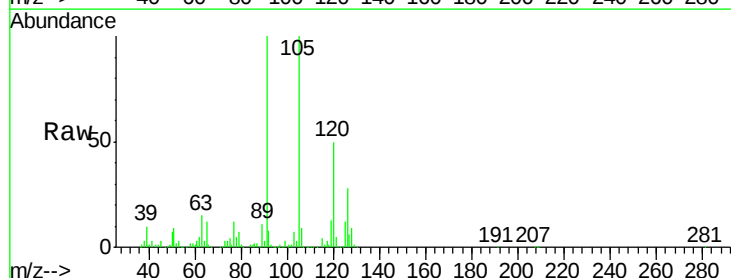
Acq: 29 May 2020 12:09

Tgt Ion: 105 Resp: 235488

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.58 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

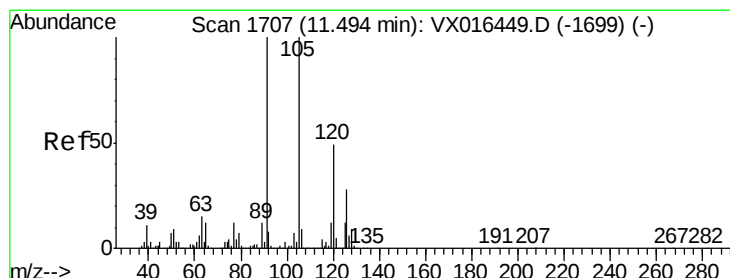
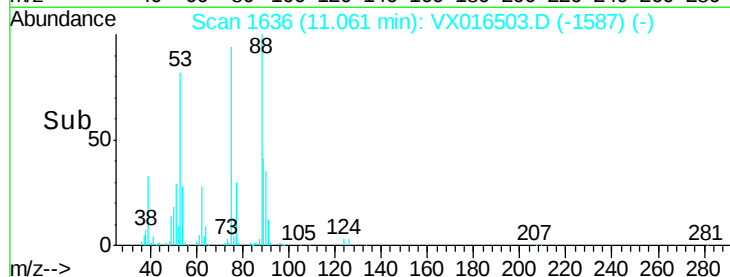
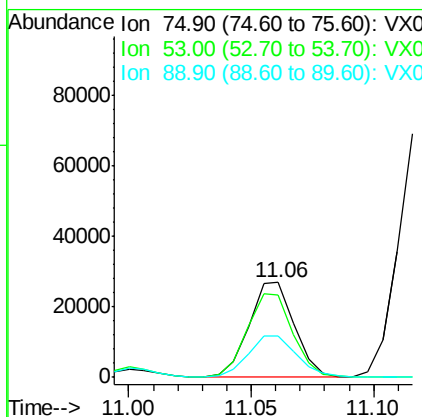
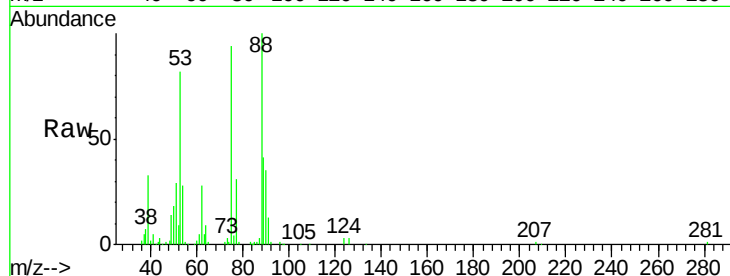
ClientSampleId :

VX0529WBS01

Tgt Ion:	75	Resp:	34602
Ion Ratio	Lower	Upper	
75	100		
53	89.2	71.3	106.9
89	47.7	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.43 ug/l

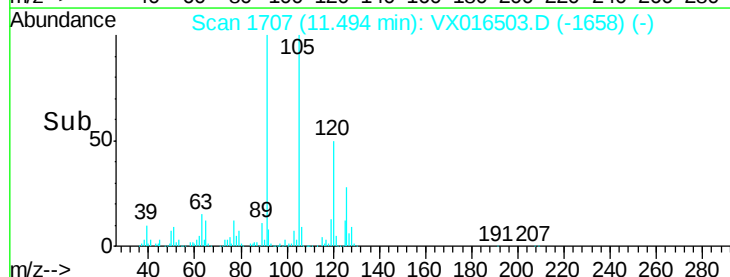
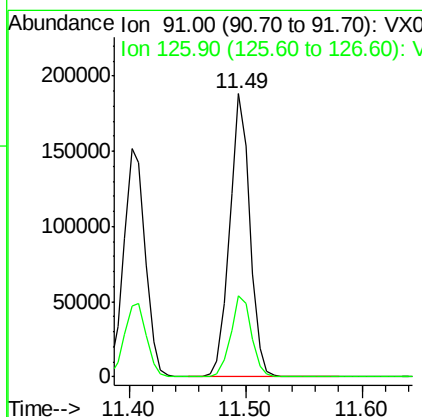
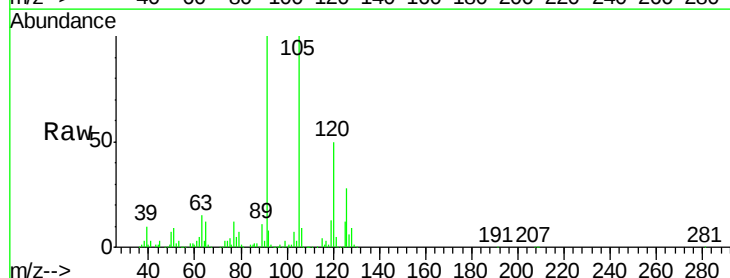
RT: 11.49 min Scan# 1707

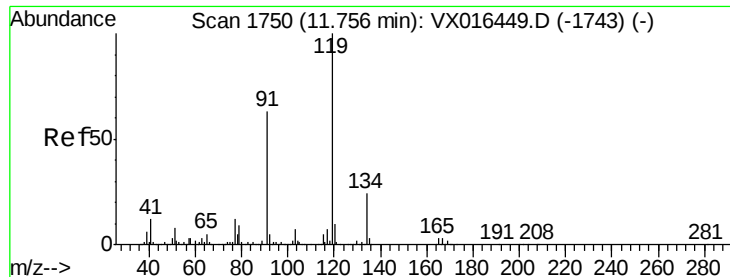
Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion:	91	Resp:	226563
Ion Ratio	Lower	Upper	
91	100		
126	29.6	14.7	44.1





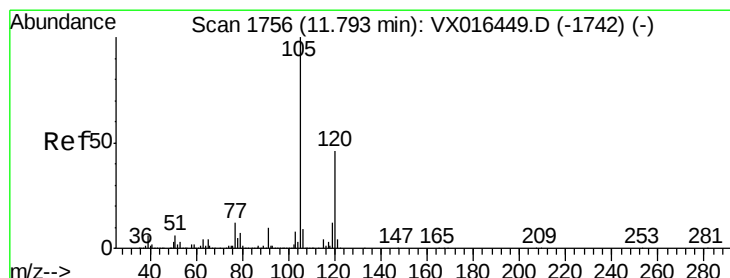
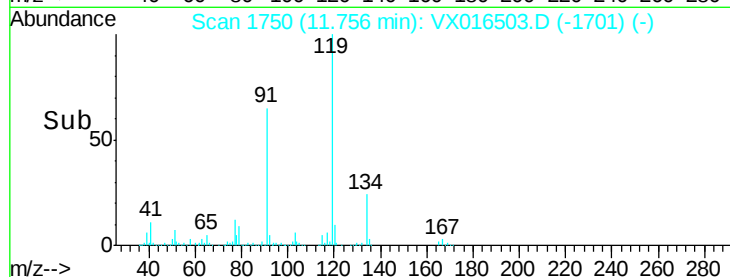
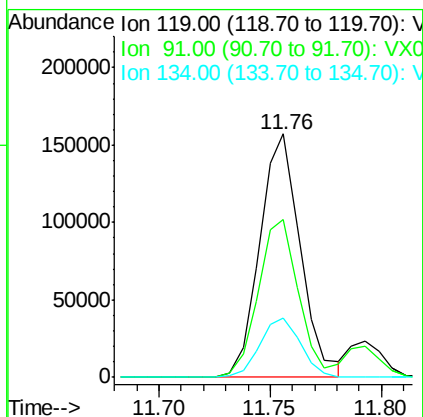
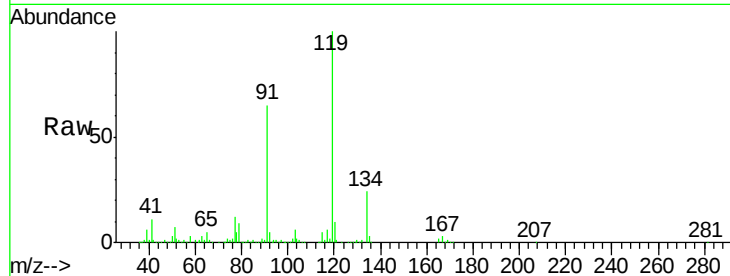
#83
 tert-Butylbenzene
 Concen: 18.30 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	199294		
91	64.1	31.3	93.8	
134	24.4	12.0	36.0	

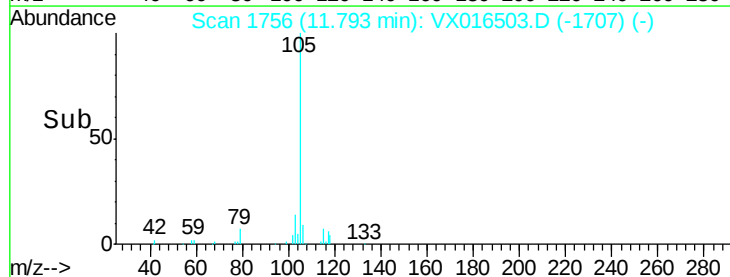
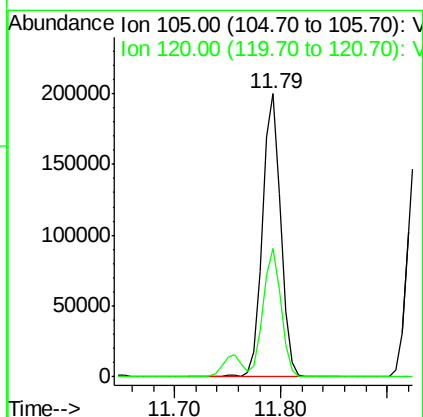
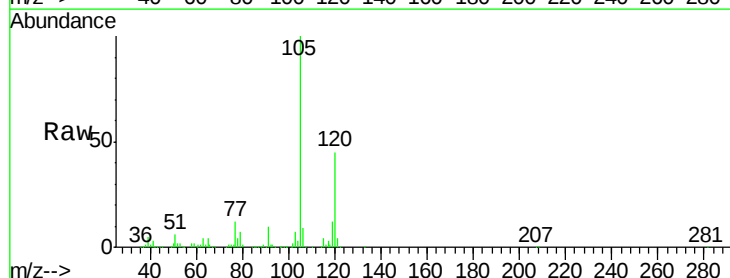
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.64 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	240213		
120	44.4	22.6	67.7	





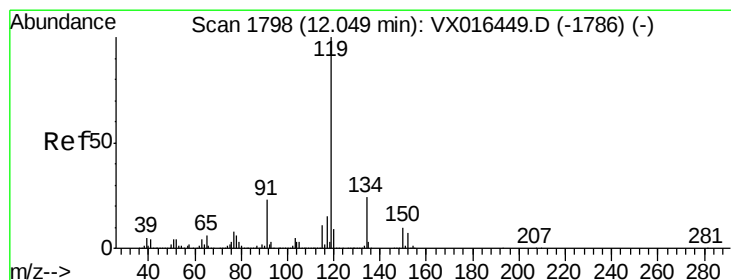
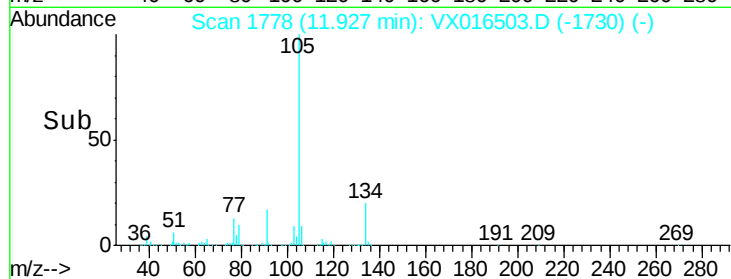
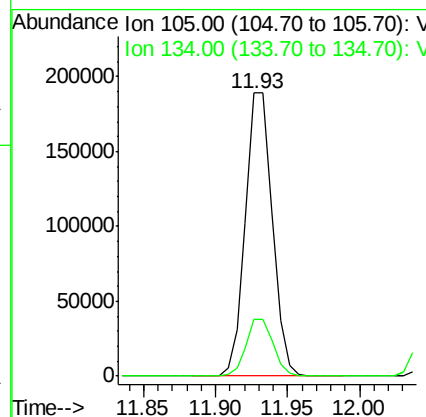
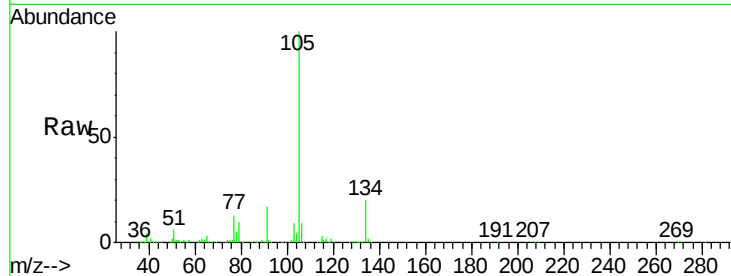
#85
 sec-Butylbenzene
 Concen: 18.03 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246265		
134	20.1	10.1	30.3	

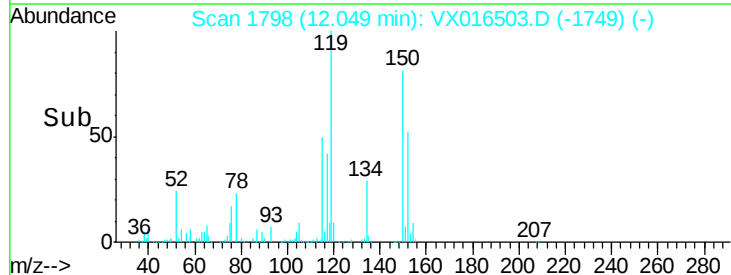
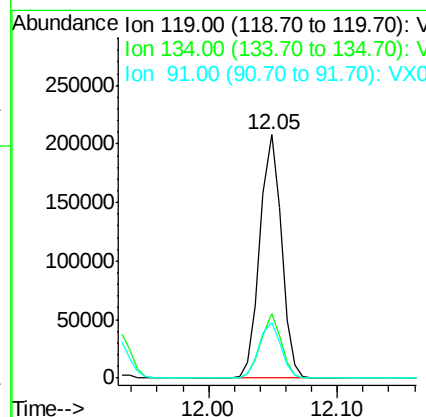
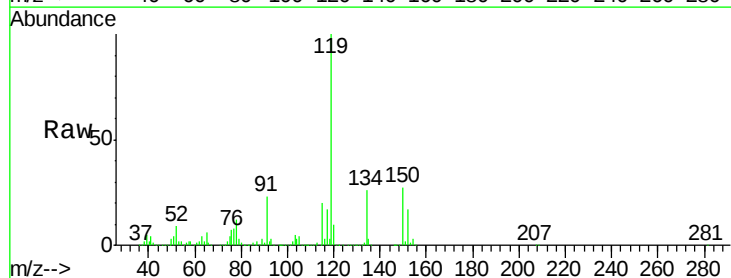
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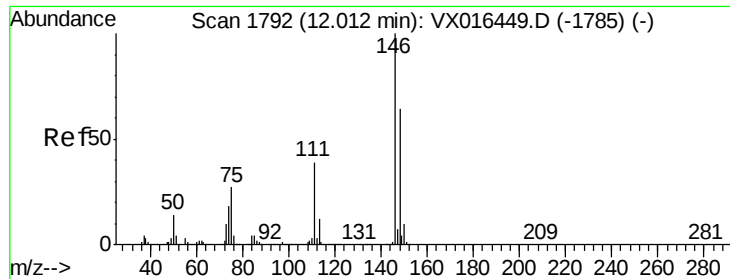
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#86
 p-Isopropyltoluene
 Concen: 18.69 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	239200		
134	25.1	12.7	38.0	
91	23.2	11.7	35.0	





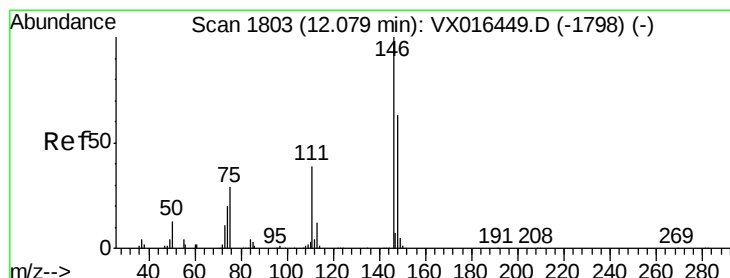
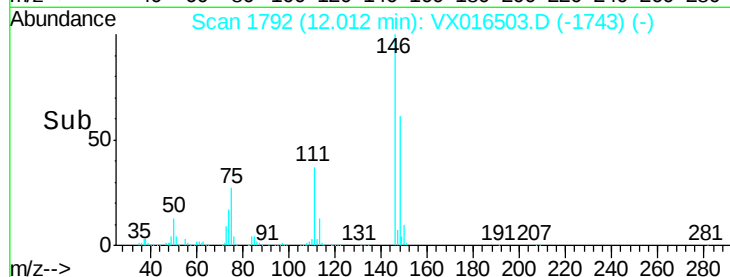
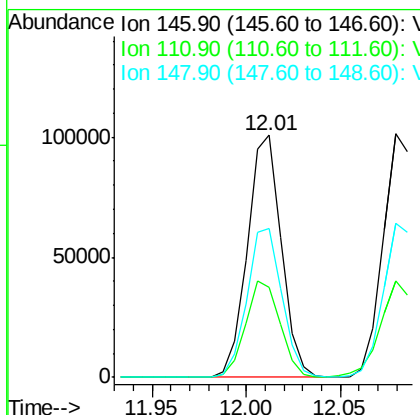
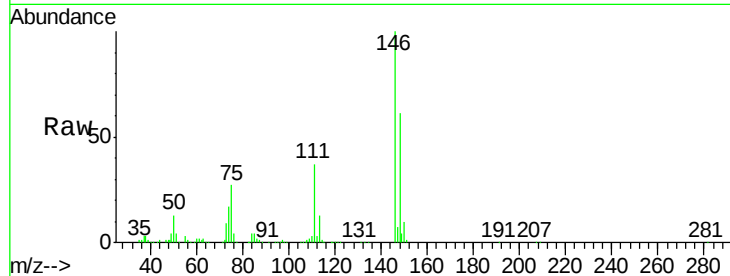
#87
 1,3-Dichlorobenzene
 Concen: 18.16 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	125976		
111	40.7	20.0	60.0	
148	63.4	31.9	95.5	

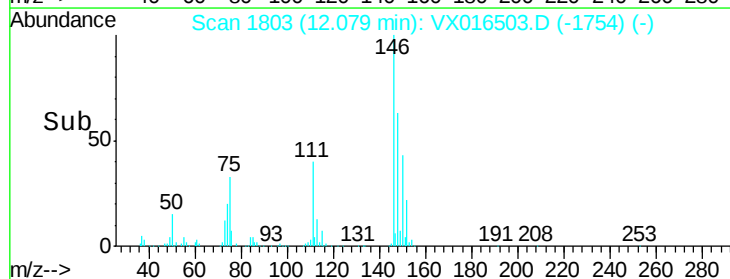
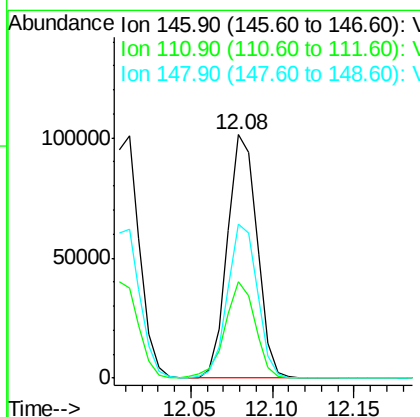
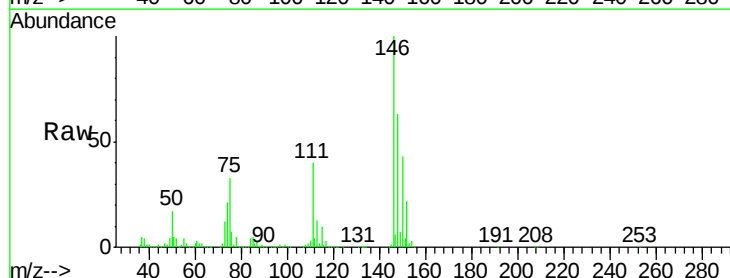
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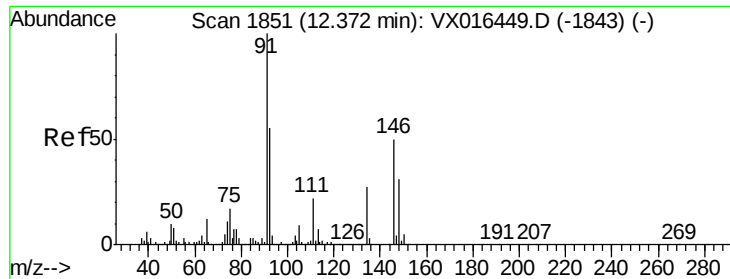
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#88
 1,4-Dichlorobenzene
 Concen: 18.04 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	127991		
111	40.3	19.4	58.2	
148	63.6	31.4	94.3	





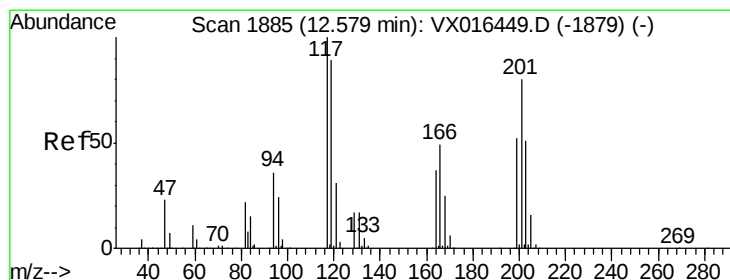
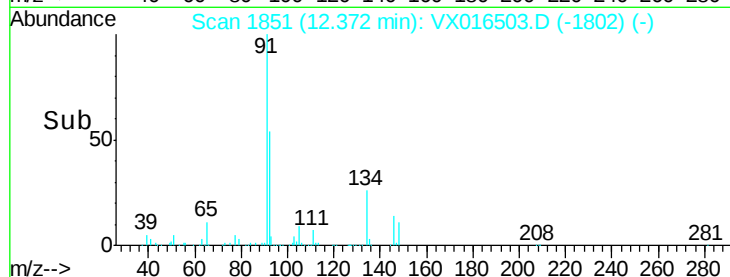
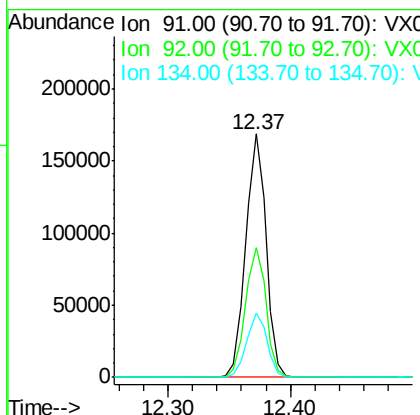
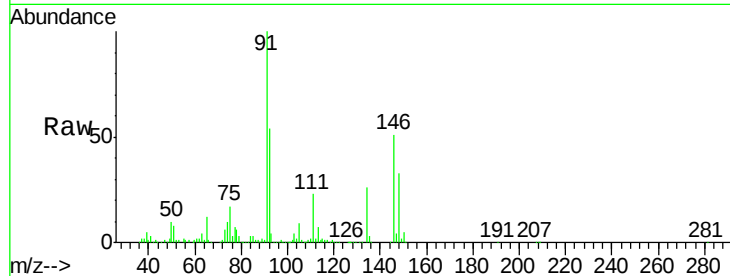
#89
n-Butylbenzene
Concen: 18.21 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	194088		
92	54.1	27.2	81.5	
134	26.5	13.1	39.3	

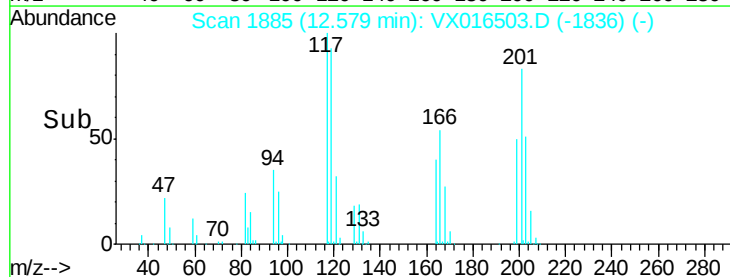
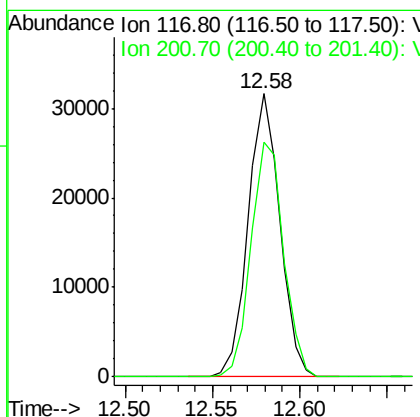
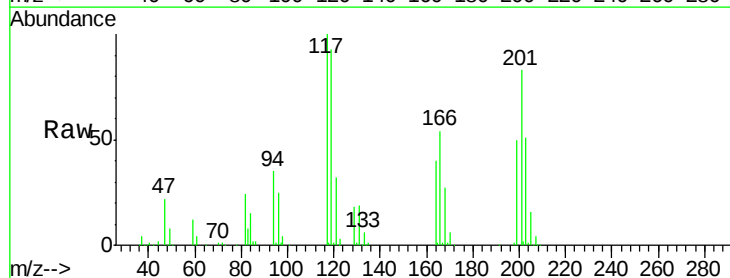
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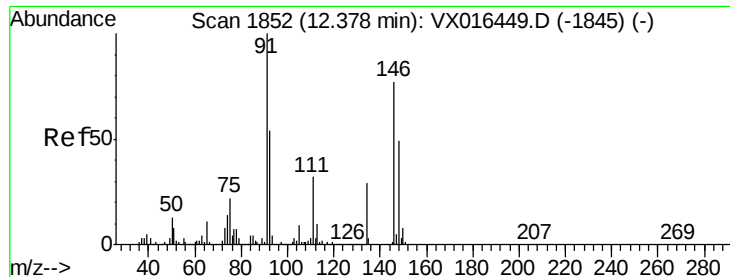
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#90
Hexachloroethane
Concen: 18.05 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39901		
201	85.4	43.1	129.3	





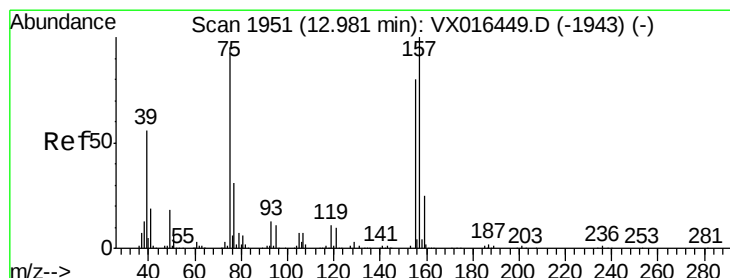
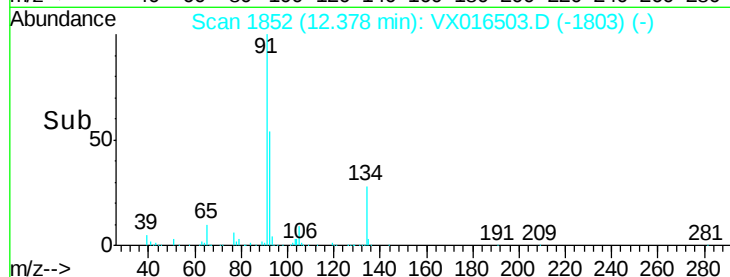
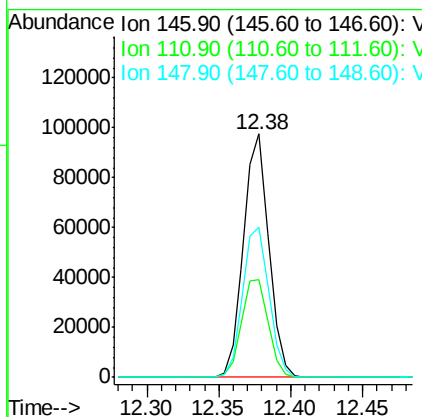
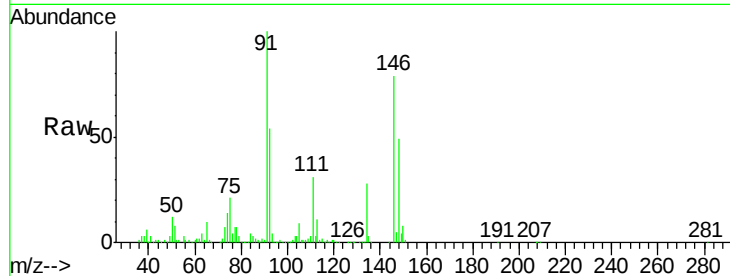
#91
 1,2-Dichlorobenzene
 Concen: 17.75 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119276		
111	42.2	21.4	64.3	
148	64.1	31.9	95.7	

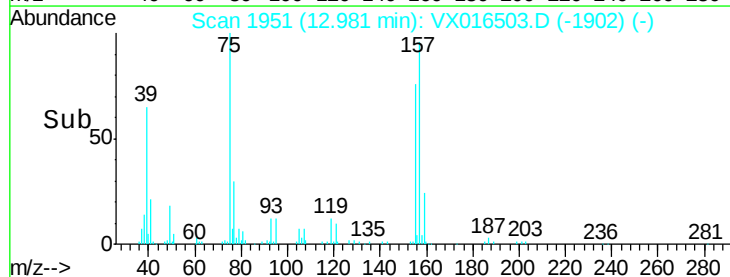
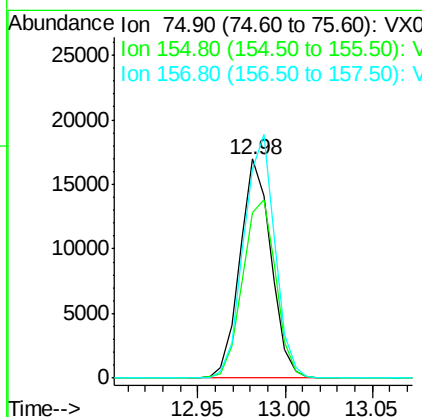
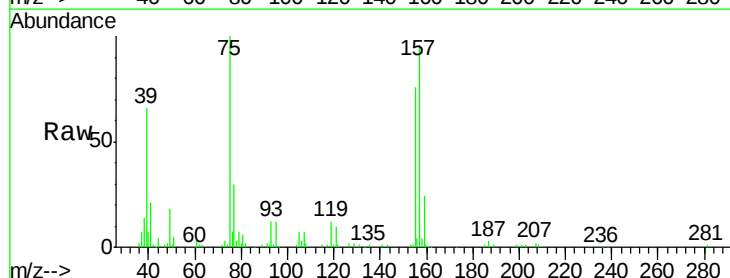
Manual Integrations
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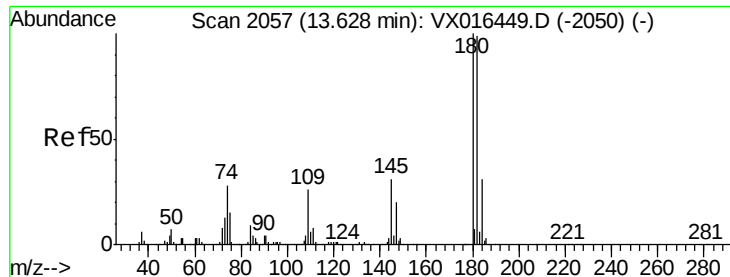
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.98 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21039		
155	86.1	44.1	132.4	
157	110.7	57.8	173.3	





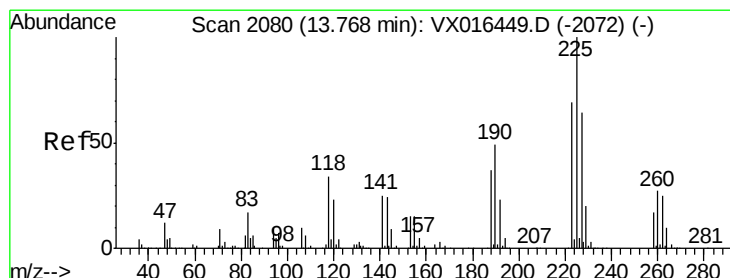
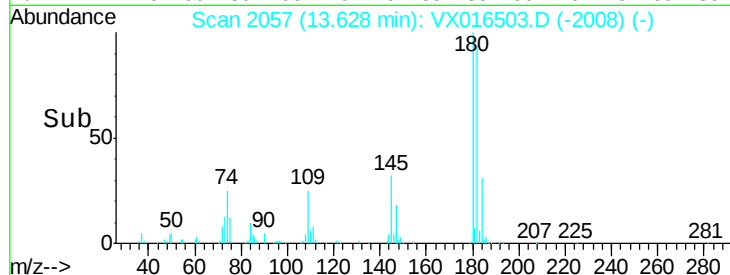
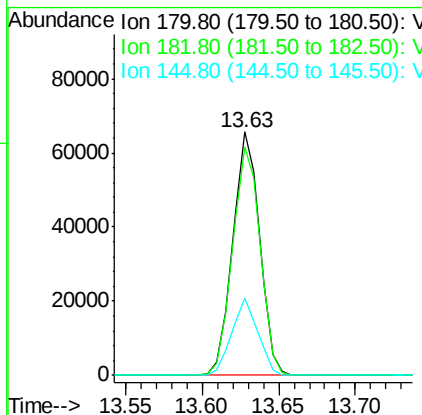
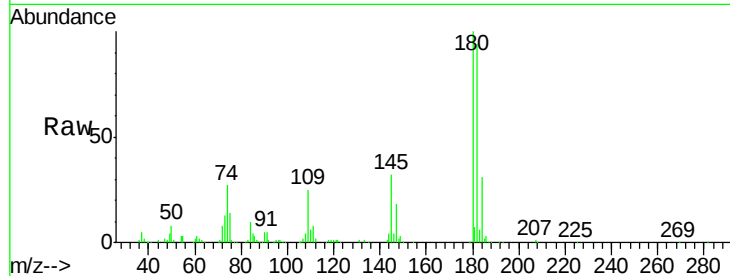
#93
 1,2,4-Trichlorobenzene
 Concen: 17.87 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	79769		
182	96.1	48.3	144.8	
145	30.9	15.4	46.2	

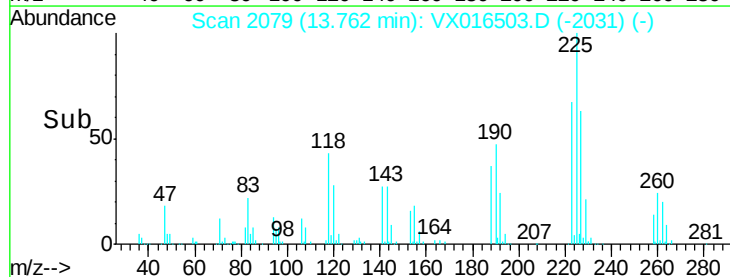
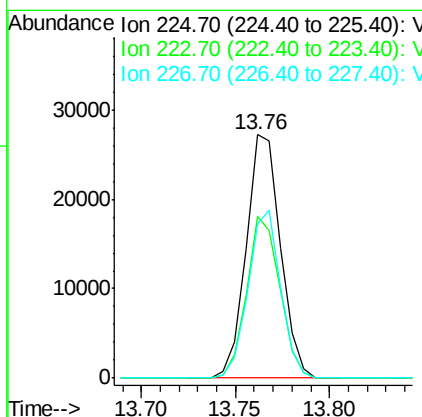
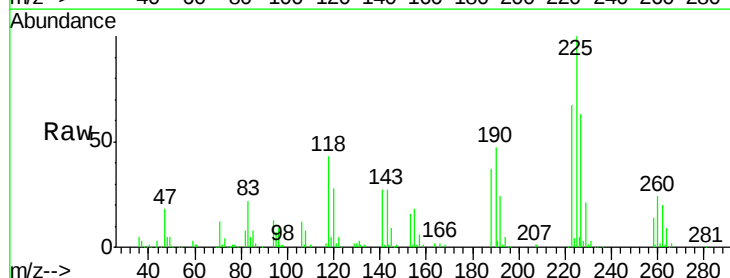
Manual Integrations
 APPROVED

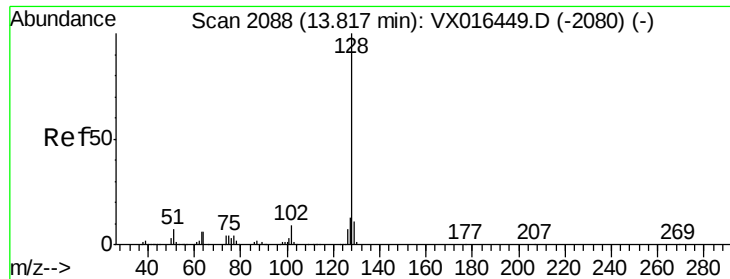
MMDadoda
 6/1/2020 12:28:07 PM



#94
 Hexachlorobutadiene
 Concen: 19.56 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34264		
223	64.4	32.3	96.8	
227	65.4	31.6	94.7	





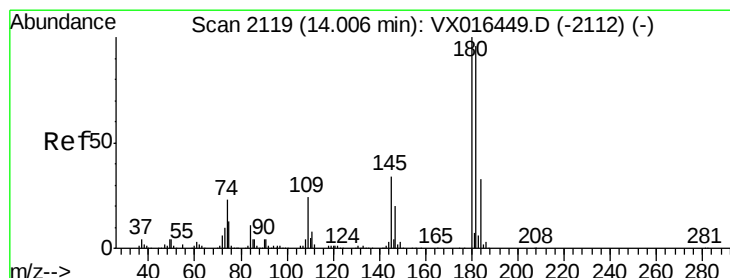
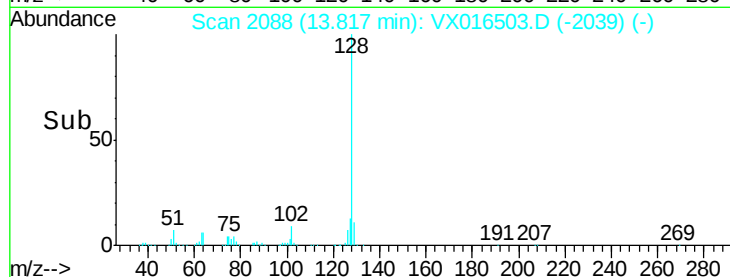
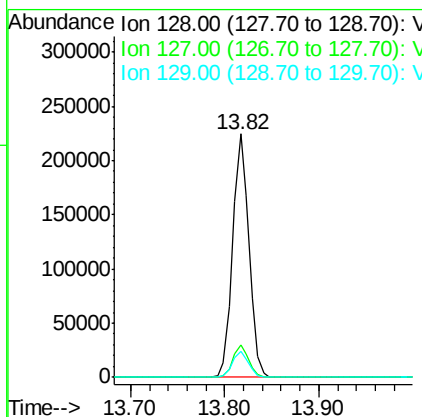
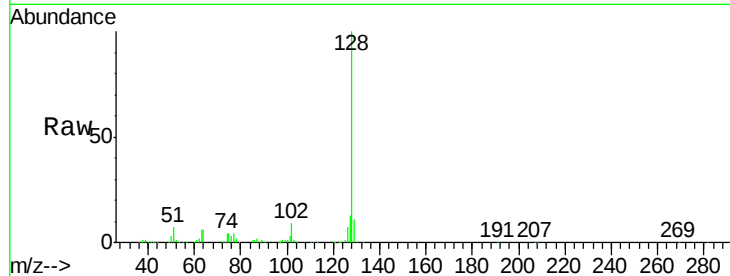
#95
Naphthalene
Concen: 17.51 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	267869		
127	13.0	10.6	15.8	
129	10.7	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
6/1/2020 12:28:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.78 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	77751		
182	97.2	48.6	145.8	
145	32.8	16.6	49.8	

