

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016075.D
 Acq On : 06 May 2020 11:50
 Operator : JC/SP
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:54:42 AM

Quant Time: May 07 07:23:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	312548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	480400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190247	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.46	113	146625	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.70	98	580674	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.12	95	219725	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59985	18.132	ug/l	97
3) Chloromethane	1.31	50	67742	17.632	ug/l	100
4) Vinyl Chloride	1.39	62	71638	17.477	ug/l	99
5) Bromomethane	1.63	94	45872	22.198	ug/l	98
6) Chloroethane	1.71	64	44004	17.644	ug/l	98
7) Trichlorofluoromethane	1.92	101	95247	17.699	ug/l	99
8) Diethyl Ether	2.17	74	39217	17.296	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	57037	18.371	ug/l	97
10) Methyl Iodide	2.49	142	68362	16.392	ug/l	99
11) Tert butyl alcohol	3.01	59	86627	83.293	ug/l	99
12) 1,1-Dichloroethene	2.35	96	57761	17.778	ug/l	96
13) Acrolein	2.27	56	44871	68.946	ug/l	100
14) Allyl chloride	2.71	41	104431	17.530	ug/l	99
15) Acrylonitrile	3.11	53	182913	84.779	ug/l	99
16) Acetone	2.42	43	153716	83.764	ug/l	98
17) Carbon Disulfide	2.55	76	173643	17.663	ug/l	99
18) Methyl Acetate	2.75	43	77172	17.103	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	199652	17.826	ug/l	98
20) Methylene Chloride	2.83	84	64380	17.018	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	62202	17.180	ug/l	99
22) Diisopropyl ether	3.82	45	199056	17.712	ug/l	93
23) Vinyl Acetate	3.78	43	879192	88.920	ug/l	99
24) 1,1-Dichloroethane	3.67	63	112838	17.948	ug/l	99
25) 2-Butanone	4.63	43	250535	84.724	ug/l	100
26) 2,2-Dichloropropane	4.55	77	101989	17.764	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	69027	17.439	ug/l	99
28) Bromochloromethane	4.98	49	51342	17.910	ug/l	100
29) Tetrahydrofuran	5.09	42	165191	84.308	ug/l	99
30) Chloroform	5.17	83	111508	17.814	ug/l	97
31) Cyclohexane	5.55	56	103903	18.185	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	101247	17.794	ug/l	99
36) 1,1-Dichloropropene	5.77	75	87129	18.425	ug/l	99
37) Ethyl Acetate	4.79	43	97956	17.872	ug/l	100
38) Carbon Tetrachloride	5.75	117	89324	18.584	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	107516	18.880	ug/l	99
40) Benzene	6.11	78	257362	18.600	ug/l	99
41) Methacrylonitrile	5.00	41	53500	18.075	ug/l	99
42) 1,2-Dichloroethane	6.16	62	90627	18.182	ug/l	100
43) Isopropyl Acetate	6.41	43	157337	17.992	ug/l	100
44) Trichloroethene	7.19	130	90691	18.450	ug/l	97
45) 1,2-Dichloropropane	7.49	63	65336	18.662	ug/l	99
46) Dibromomethane	7.64	93	43408	18.244	ug/l	100
47) Bromodichloromethane	7.88	83	90152	18.605	ug/l	99
48) Methyl methacrylate	7.74	41	73830	17.817	ug/l	100
49) 1,4-Dioxane	7.71	88	34583	347.982	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	483392	90.330	ug/l	100
52) Toluene	8.77	92	161020	18.670	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103195	17.861	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	110678	18.340	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63058	18.584	ug/l	99
56) Ethyl methacrylate	9.16	69	101329	18.295	ug/l	98
57) 1,3-Dichloropropane	9.35	76	110071	18.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	263173	89.251	ug/l	100
59) 2-Hexanone	9.47	43	371056	88.292	ug/l	100
60) Dibromochloromethane	9.57	129	67798	18.142	ug/l	100
61) 1,2-Dibromoethane	9.65	107	66824	18.181	ug/l	99
64) Tetrachloroethene	9.32	164	101856	18.559	ug/l	96
65) Chlorobenzene	10.12	112	171348	18.305	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	63691	18.408	ug/l	98
67) Ethyl Benzene	10.24	91	305047	18.264	ug/l	100
68) m/p-Xylenes	10.34	106	232061	37.084	ug/l	100
69) o-Xylene	10.68	106	111117	18.473	ug/l	99
70) Styrene	10.69	104	185274	18.156	ug/l	99
71) Bromoform	10.84	173	49347	17.506	ug/l #	99
73) Isopropylbenzene	11.00	105	299379	18.135	ug/l	100
74) N-amyl acetate	10.88	43	132714	17.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	49033	17.507	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	89848m	17.445	ug/l	
77) Bromobenzene	11.24	156	73744	17.307	ug/l	99
78) n-propylbenzene	11.35	91	346090	18.021	ug/l	100
79) 2-Chlorotoluene	11.41	91	203081	17.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	247525	17.759	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	36617	16.943	ug/l	98
82) 4-Chlorotoluene	11.49	91	236044	17.633	ug/l	100
83) tert-Butylbenzene	11.76	119	215440	17.936	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	250692	17.790	ug/l	100
85) sec-Butylbenzene	11.93	105	289848	17.872	ug/l	100
86) p-Isopropyltoluene	12.05	119	269394	17.891	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	133982	17.512	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	134825	17.363	ug/l	99
89) n-Butylbenzene	12.37	91	238504	17.338	ug/l	100
90) Hexachloroethane	12.58	117	46027	17.798	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	132439	17.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21295	15.688	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	93849	17.207	ug/l	97
94) Hexachlorobutadiene	13.77	225	43203	18.726	ug/l	99
95) Naphthalene	13.82	128	299383	16.952	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	92115	17.281	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion:168 Resp: 312548

Ion Ratio Lower Upper

168 100

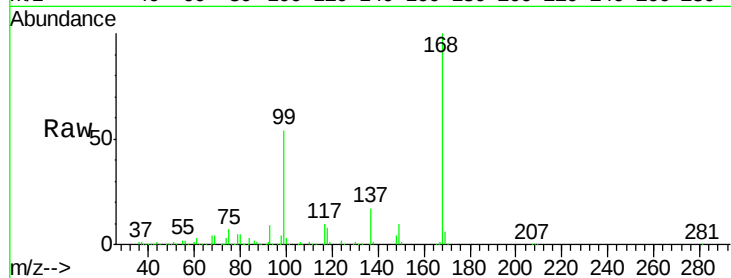
99 53.7 45.0 67.4

Manual Integrations

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5/8/2020 11:54:42 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

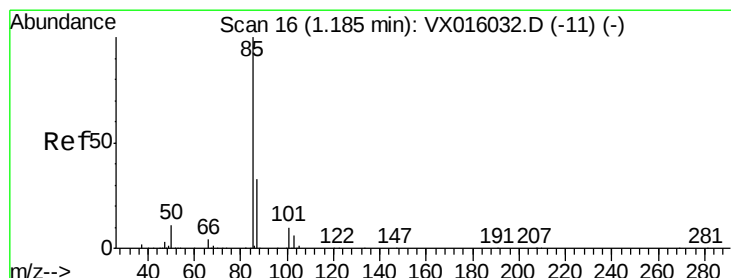
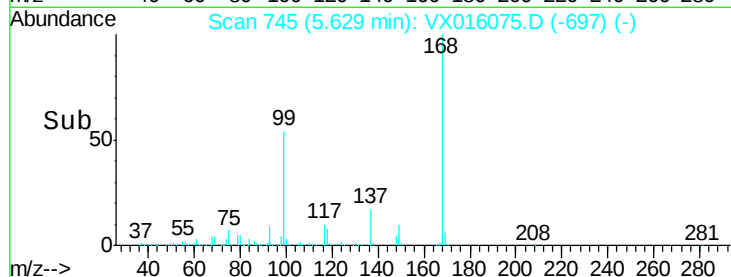
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.132 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016075.D

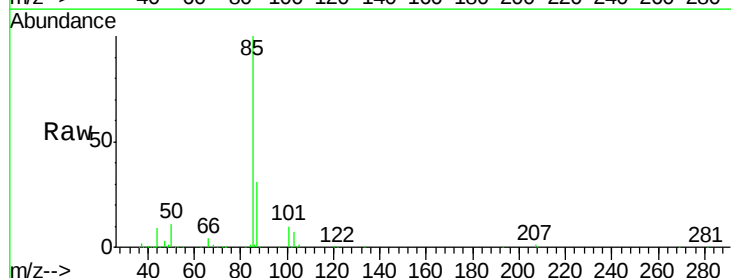
Acq: 06 May 2020 11:50

Tgt Ion: 85 Resp: 59985

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

40000

20000

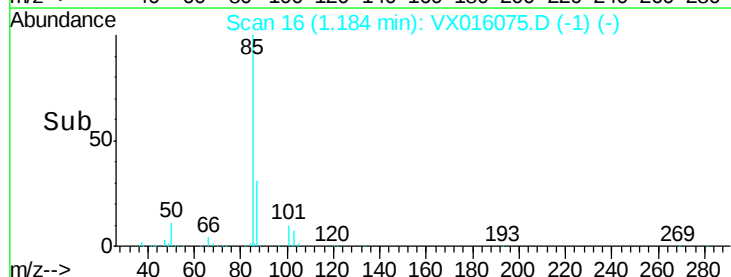
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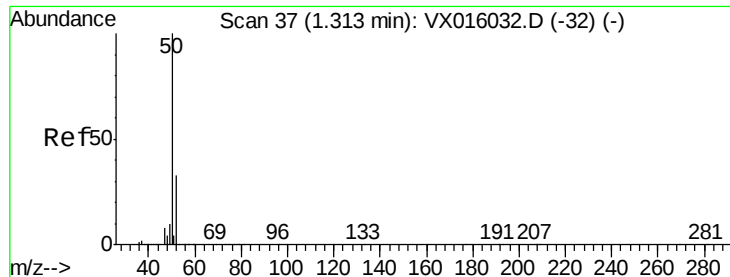
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 17.632 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 50 Resp: 67742

Ion Ratio Lower Upper

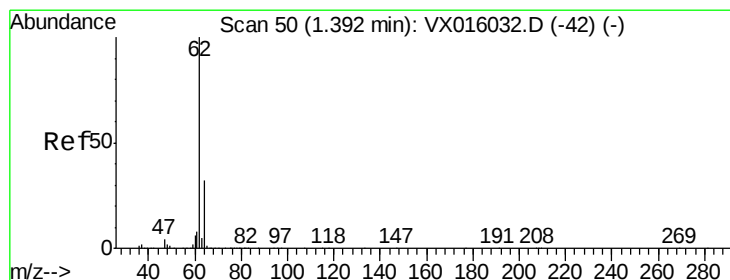
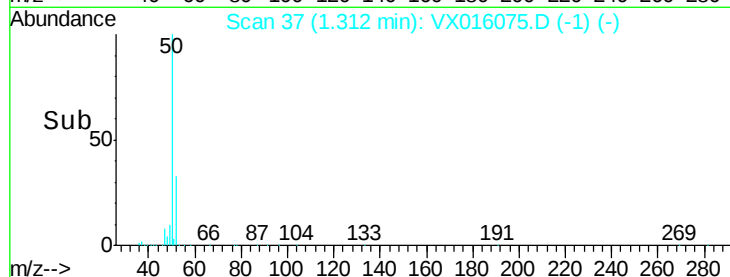
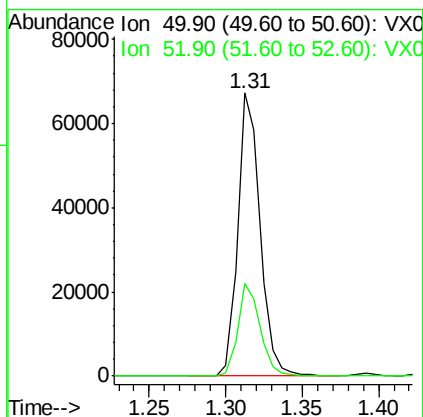
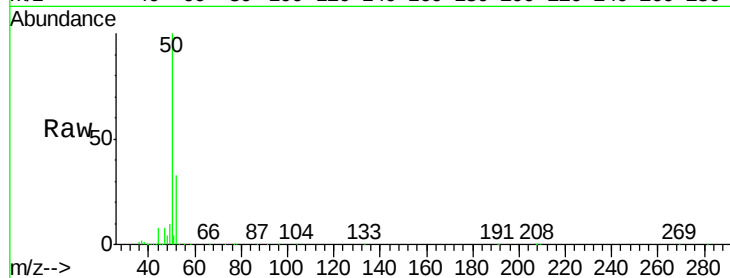
50 100

52 32.6 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.477 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016075.D

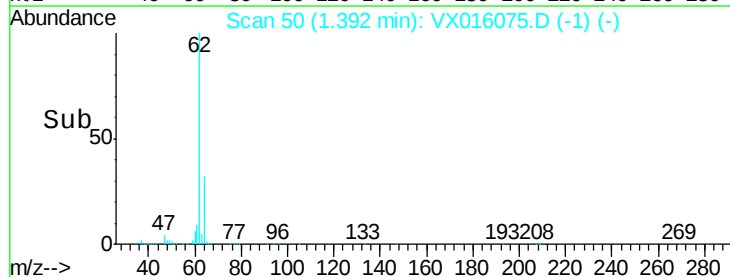
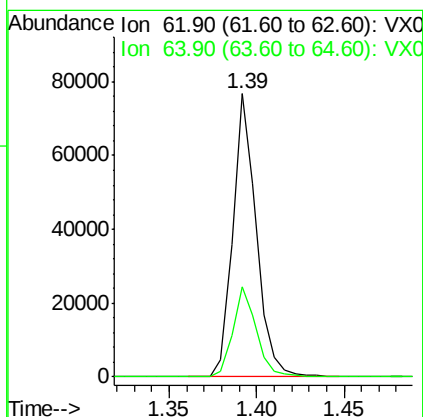
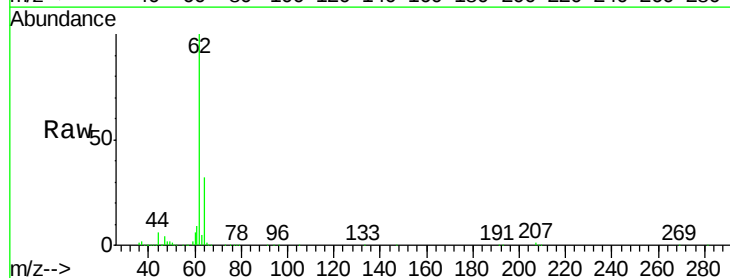
Acq: 06 May 2020 11:50

Tgt Ion: 62 Resp: 71638

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 22.198 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 94 Resp: 45872

Ion Ratio Lower Upper

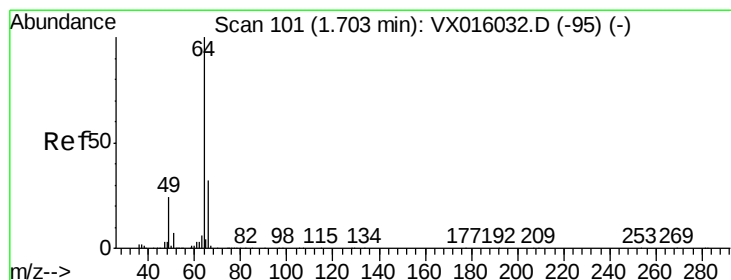
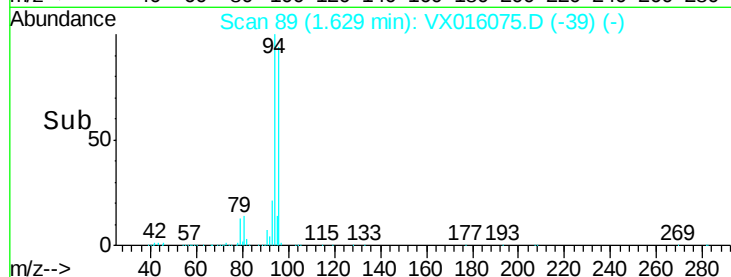
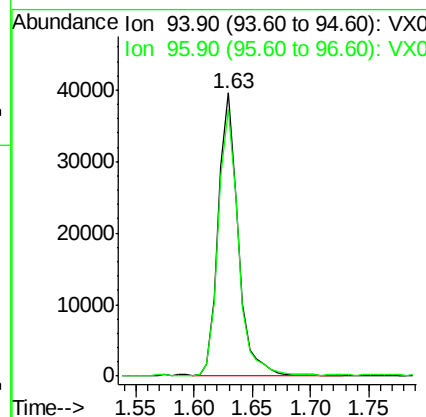
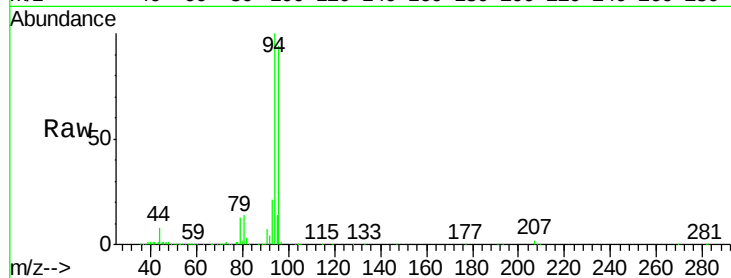
94 100

96 94.4 76.9 115.3

Manual Integrations
APPROVED

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5/8/2020 11:54:42 AM



#6

Chloroethane

Concen: 17.644 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016075.D

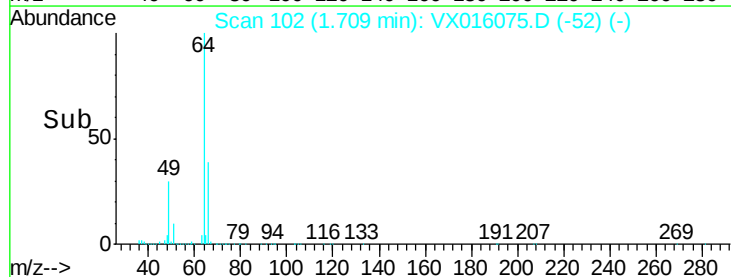
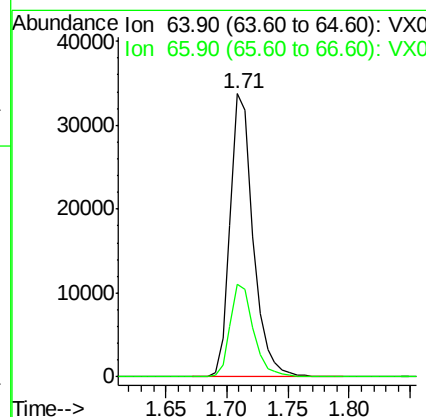
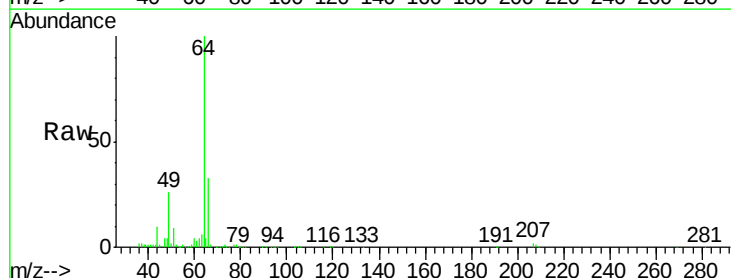
Acq: 06 May 2020 11:50

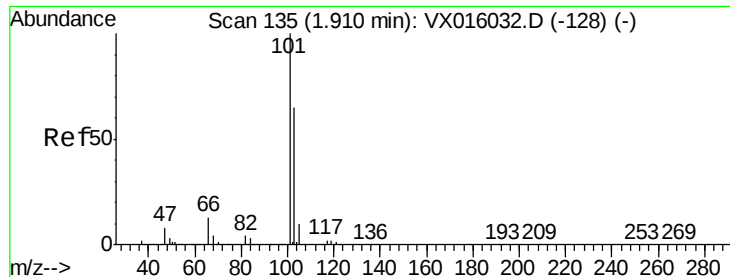
Tgt Ion: 64 Resp: 44004

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8





#7

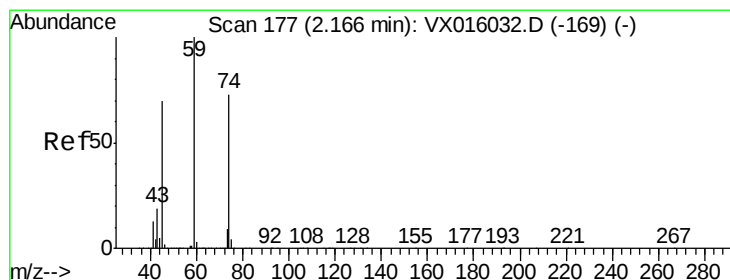
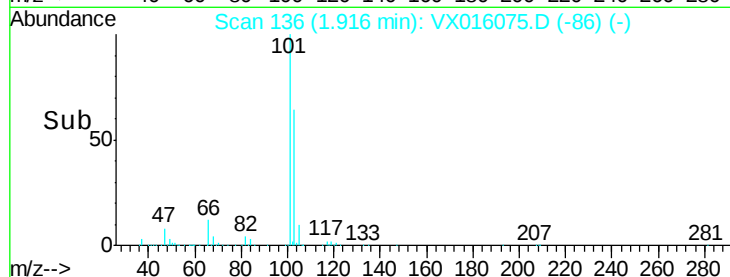
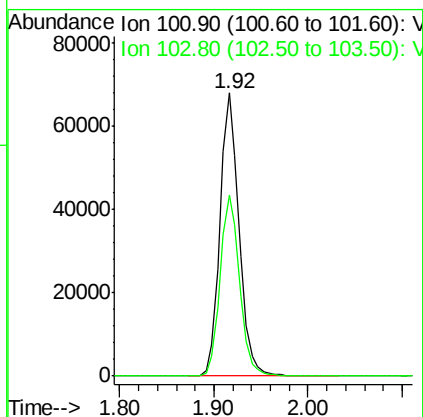
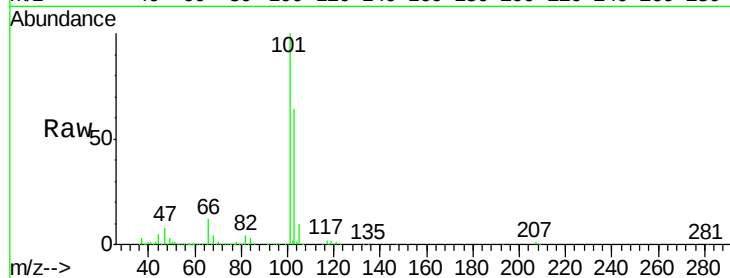
Trichlorofluoromethane
Concen: 17.699 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016075.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		95247		
103	63.7	51.8	77.6		

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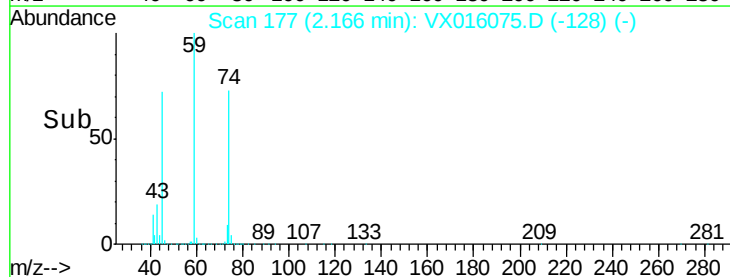
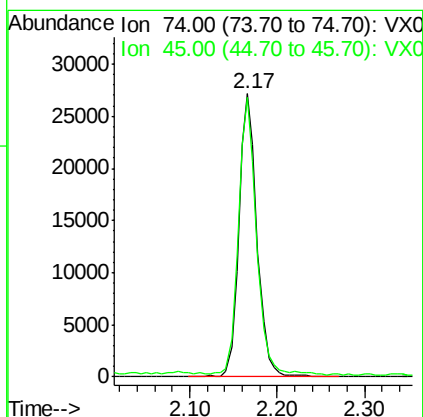
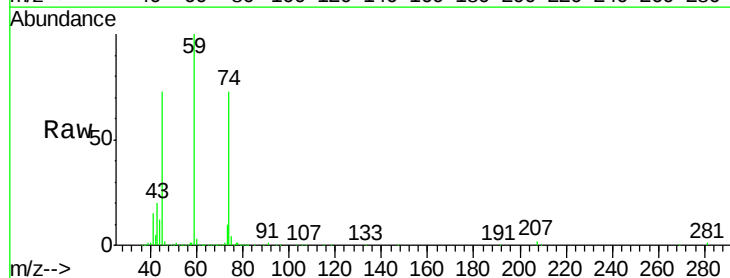
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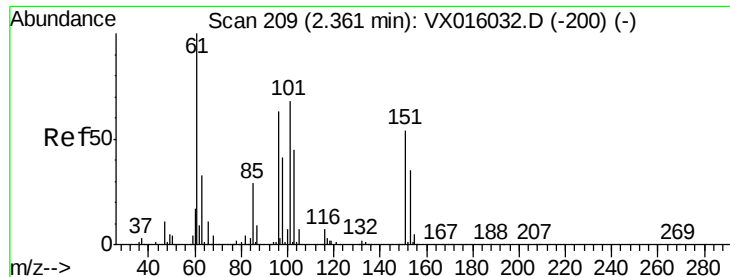


#8

Diethyl Ether
Concen: 17.296 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		39217		
45	98.5	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.371 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

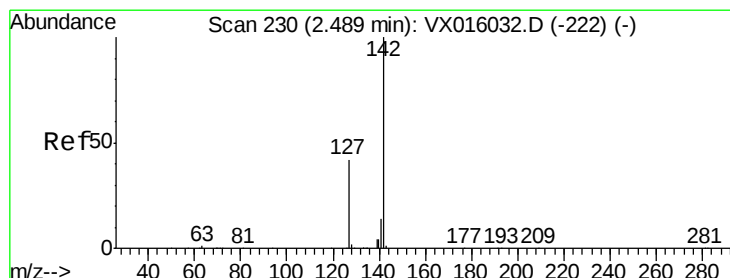
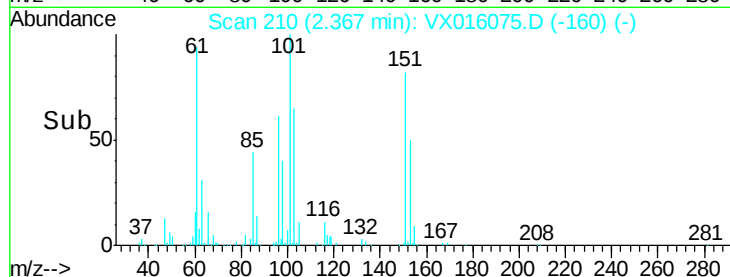
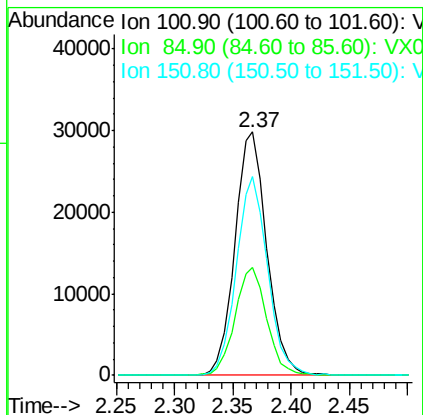
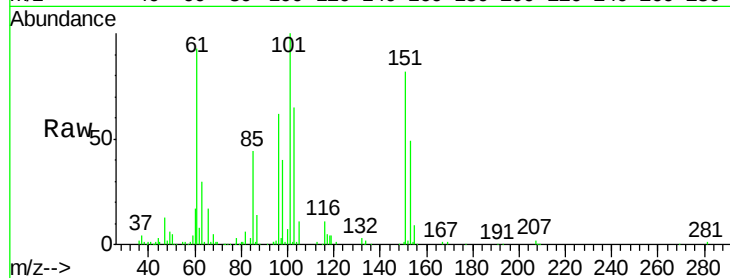
ClientSampleId :

VX0506WBS01

Tot Ion:	101	Resp:	57037
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.2	51.4
151	80.3	62.1	93.1

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#10

Methyl Iodide

Concen: 16.392 ug/l

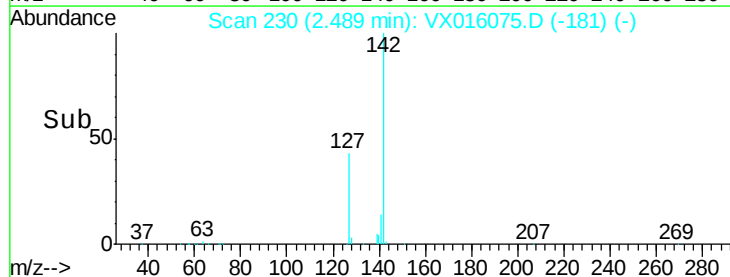
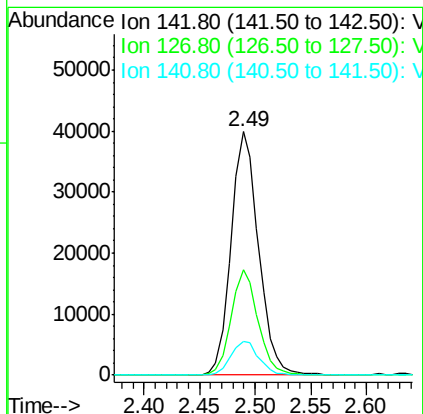
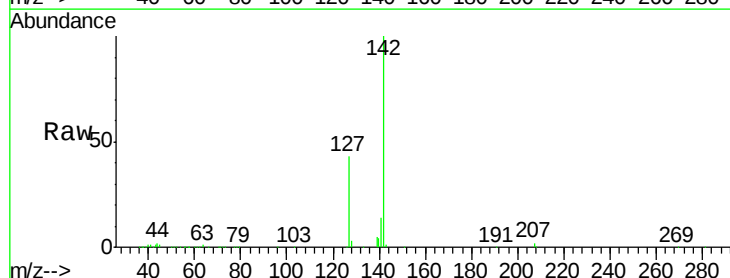
RT: 2.49 min Scan# 230

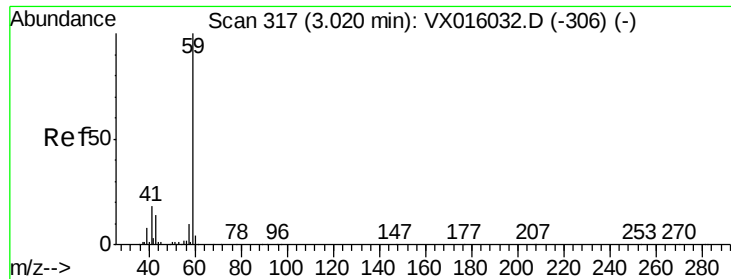
Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion:	142	Resp:	68362
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.6	52.0
141	14.2	11.3	16.9





#11

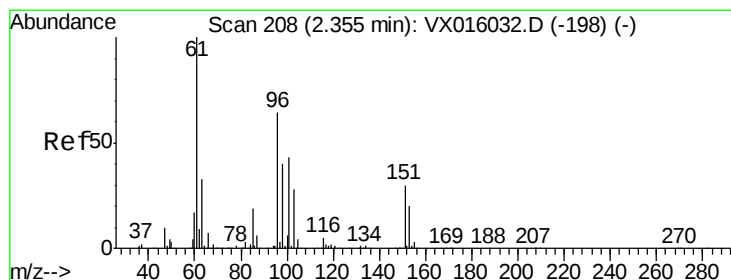
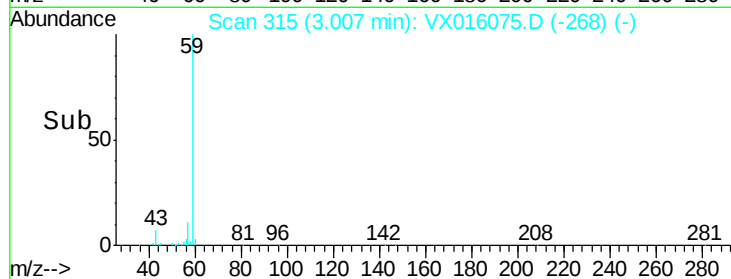
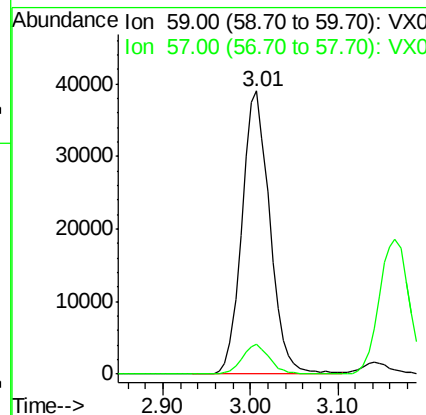
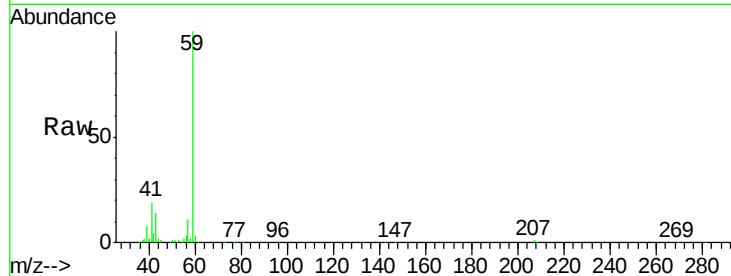
Tert butyl alcohol
 Concen: 83.293 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0506WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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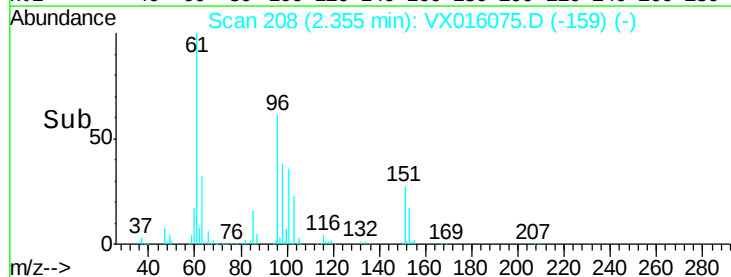
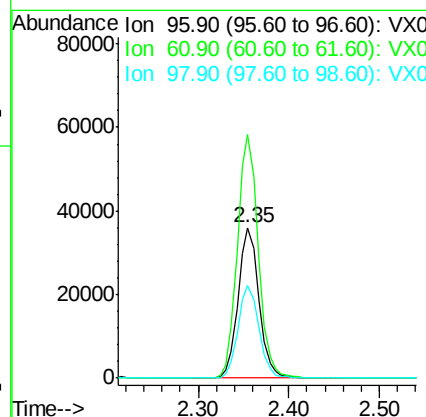
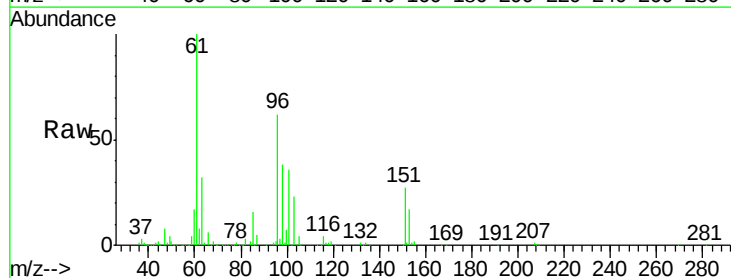
MMDadoda
 5/8/2020 11:54:42 AM



#12

1,1-Dichloroethene
 Concen: 17.778 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	124.8	187.2
98	61.6	49.7	74.5





#13

Acrolein

Concen: 68.946 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

Tot Ion: 56 Resp: 44871

Ion Ratio Lower Upper

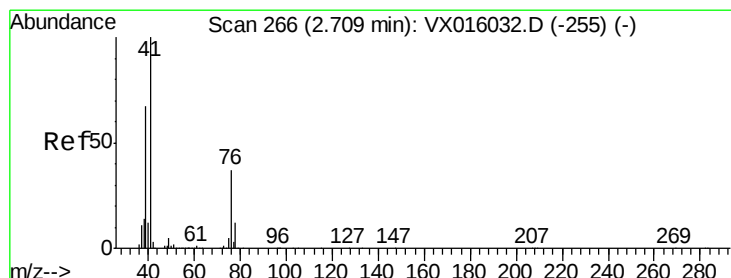
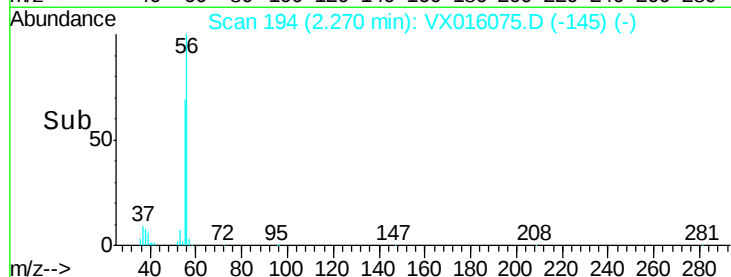
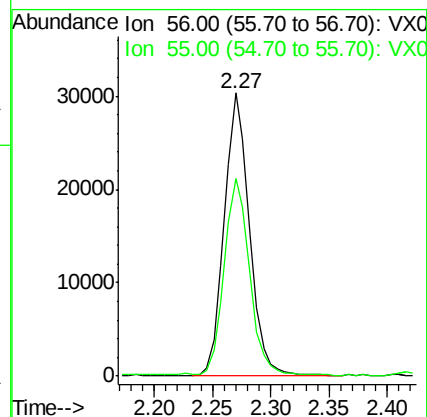
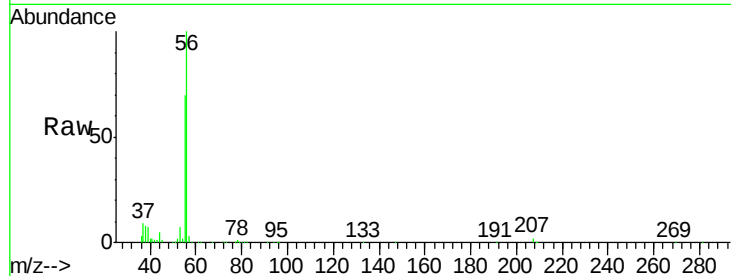
56 100

55 70.7 56.5 84.7

Manual Integrations
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#14

Allyl chloride

Concen: 17.530 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

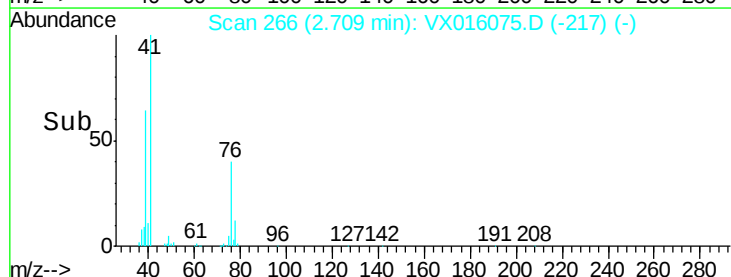
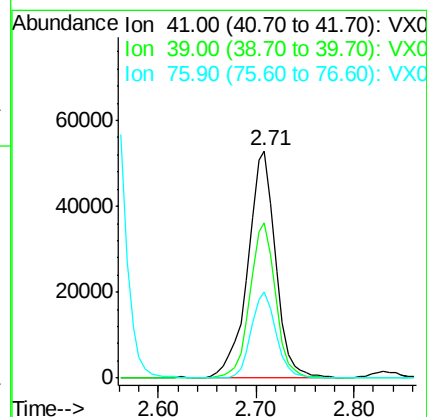
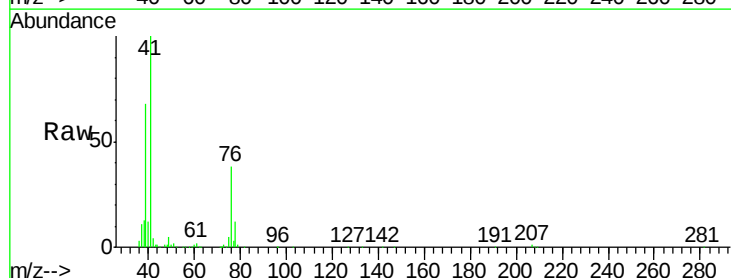
Tgt Ion: 41 Resp: 104431

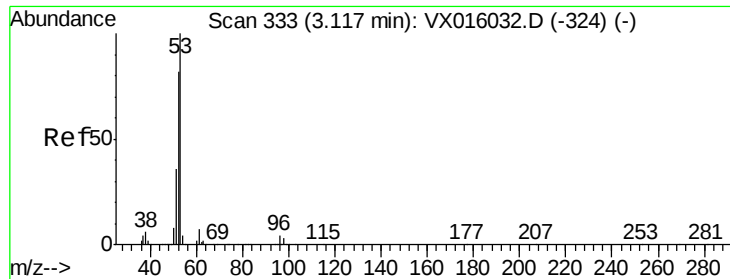
Ion Ratio Lower Upper

41 100

39 62.6 50.5 75.7

76 33.4 26.6 40.0





#15

Acrylonitrile

Concen: 84.779 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

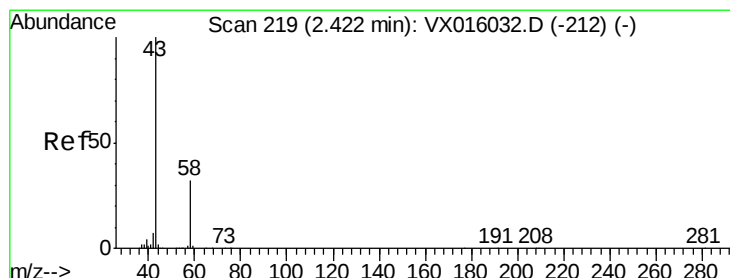
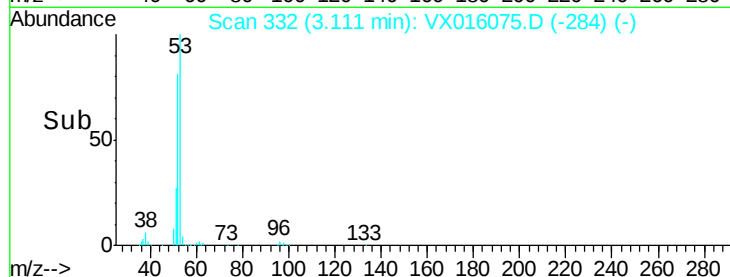
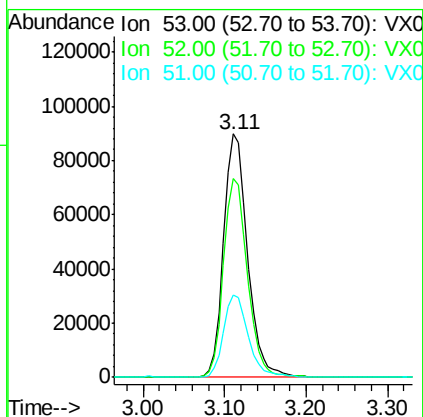
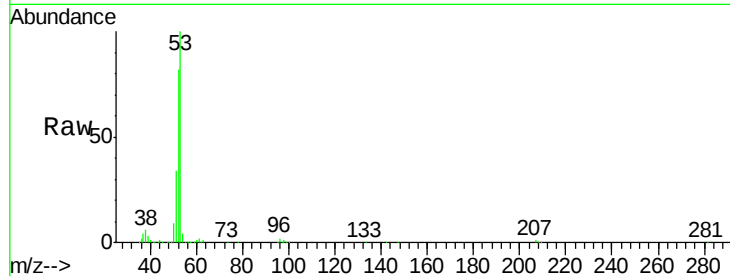
ClientSampled :

VX0506WBS01

Tot Ion:	53	Resp:	182913
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.1	99.1
51	34.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 83.764 ug/l

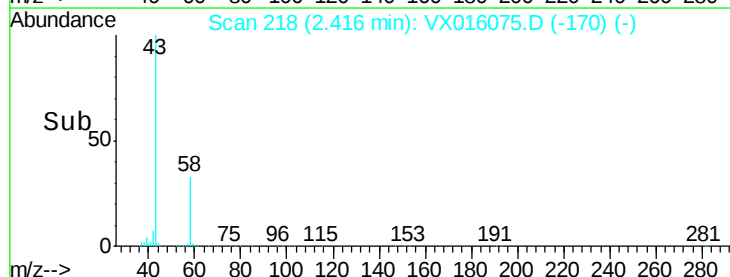
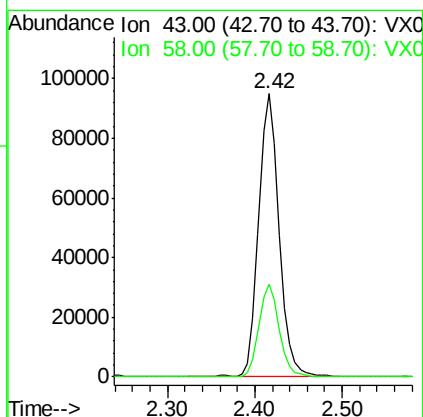
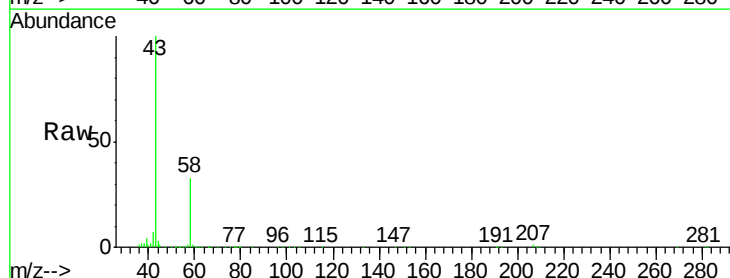
RT: 2.42 min Scan# 218

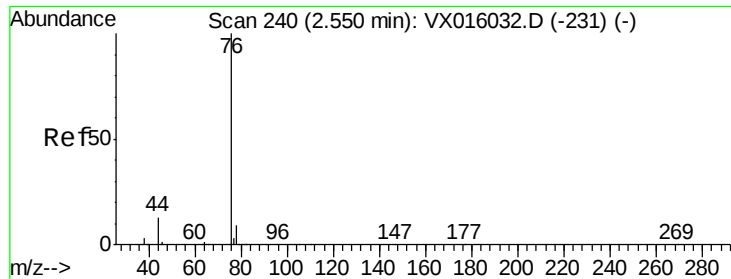
Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion:	43	Resp:	153716
Ion Ratio	Lower	Upper	
43	100		
58	32.8	25.4	38.0





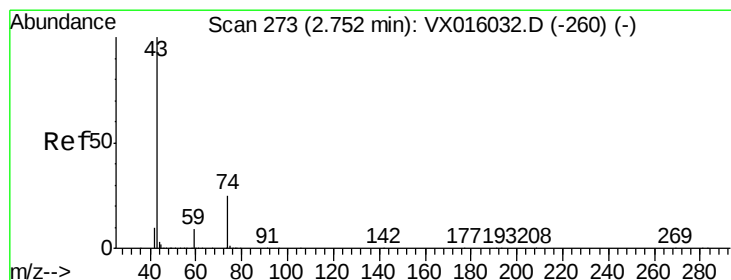
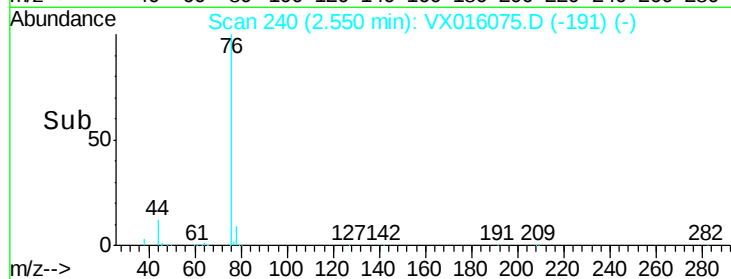
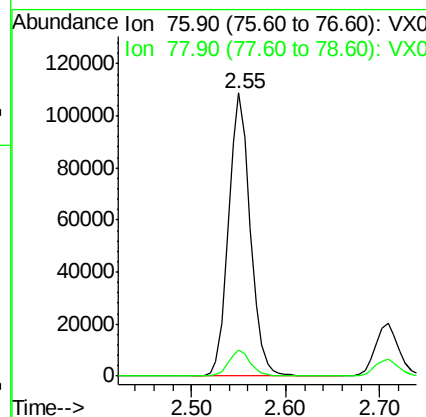
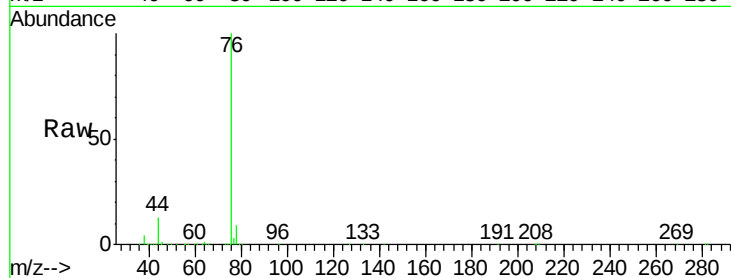
#17
Carbon Disulfide
Concen: 17.663 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

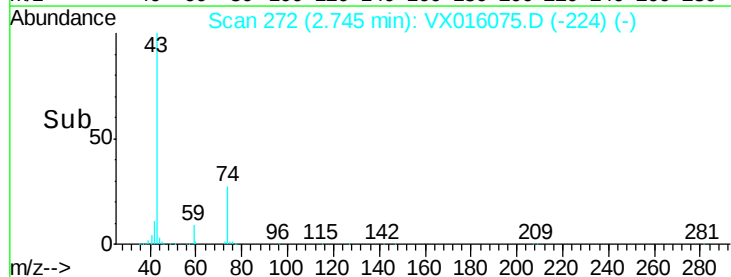
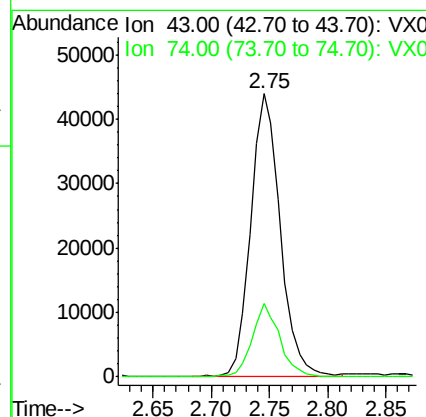
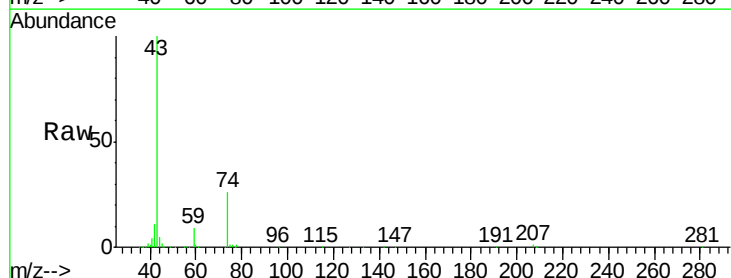
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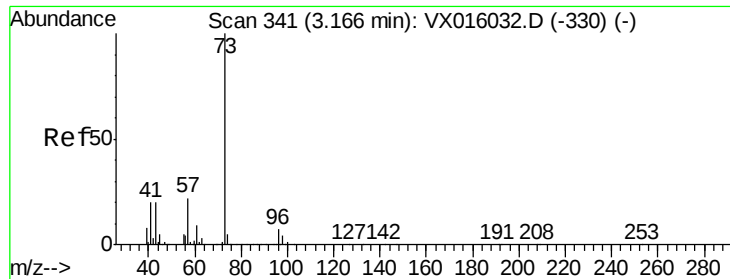
MMDadoda
5/8/2020 11:54:42 AM



#18
Methyl Acetate
Concen: 17.103 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	20.2	30.2





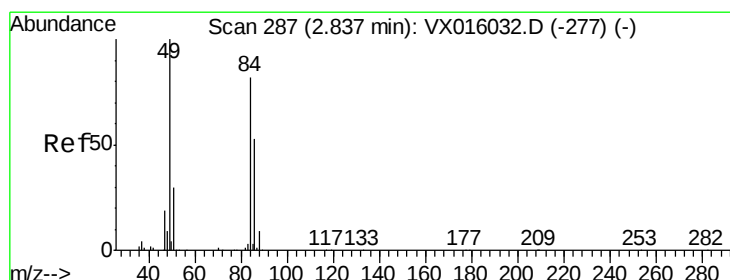
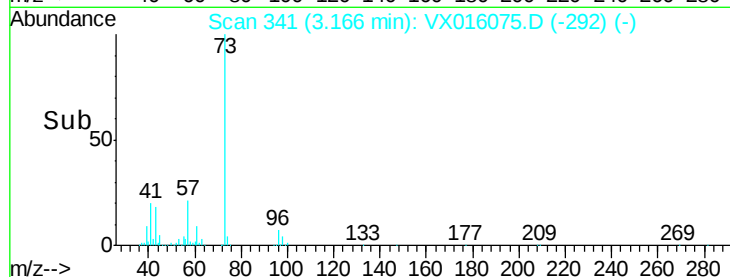
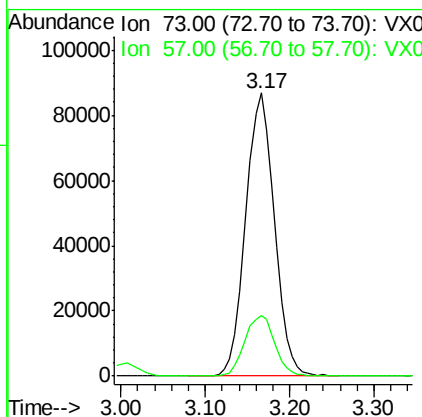
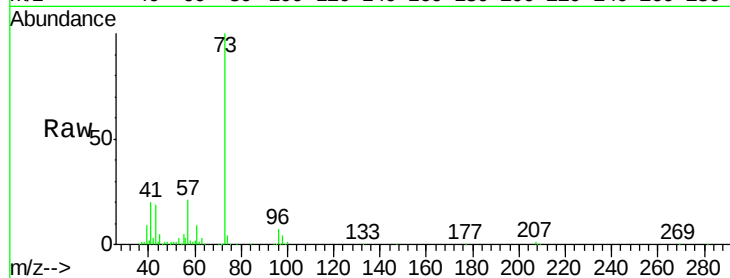
#19
Methvl tert-butvl Ether
Concen: 17.826 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.8	26.6

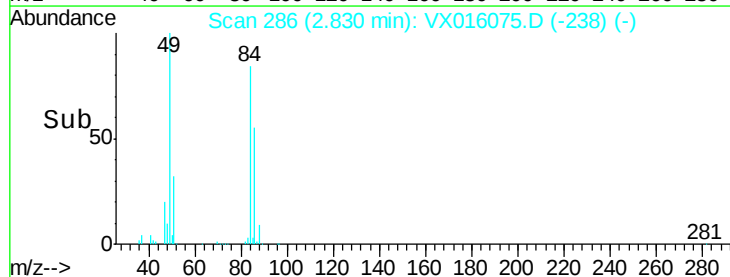
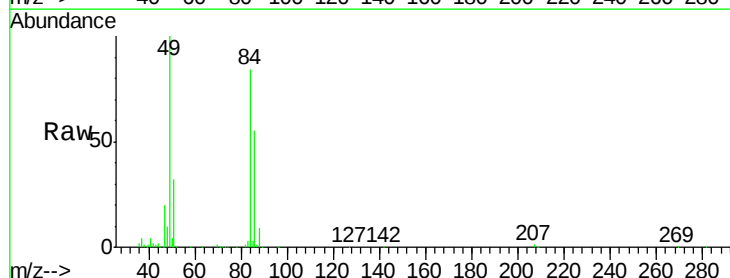
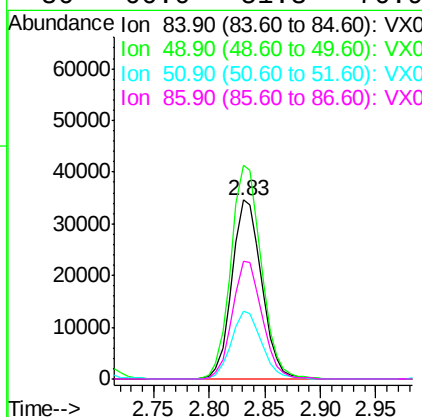
Manual Integrations
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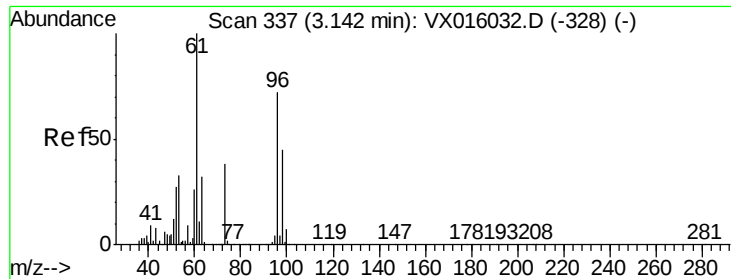
MMDadoda
5/8/2020 11:54:42 AM



#20
Methylene Chloride
Concen: 17.018 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.5	97.3	145.9
51	38.0	29.3	43.9
86	66.0	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.180 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

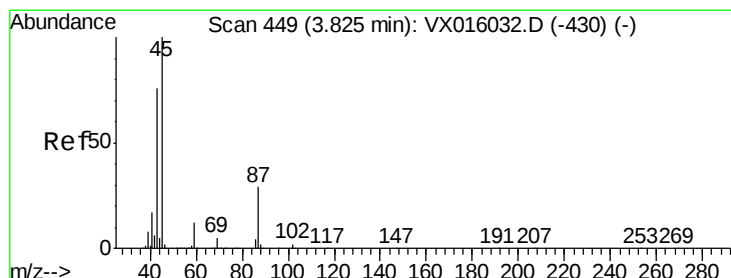
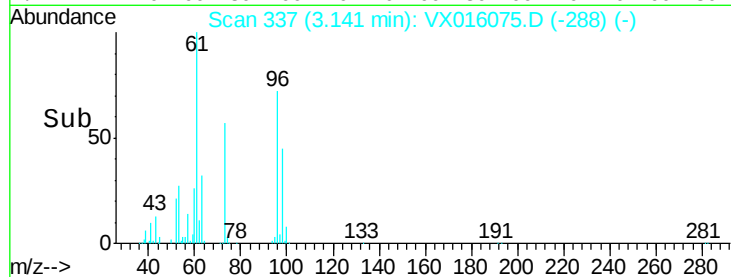
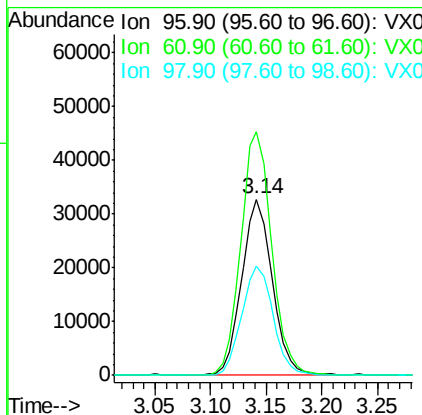
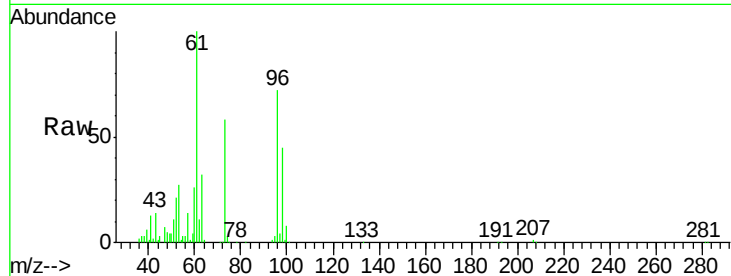
ClientSampleId :

VX0506WBS01

Tot Ion:	96	Resp:	62202
Ion	Ratio	Lower	Upper
96	100		
61	138.3	111.2	166.8
98	62.3	50.2	75.4

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#22

Diisopropyl ether

Concen: 17.712 ug/l

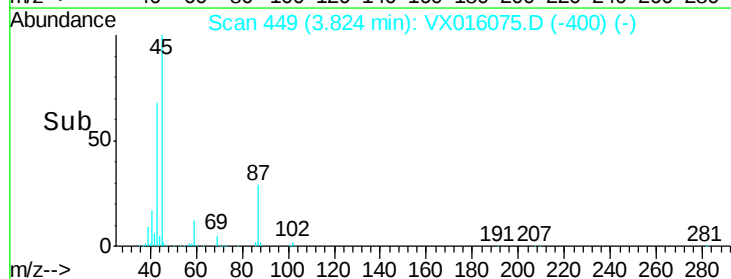
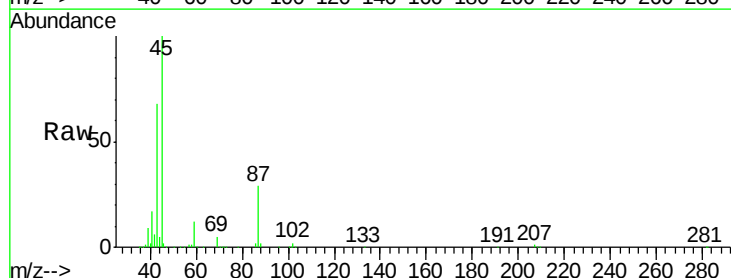
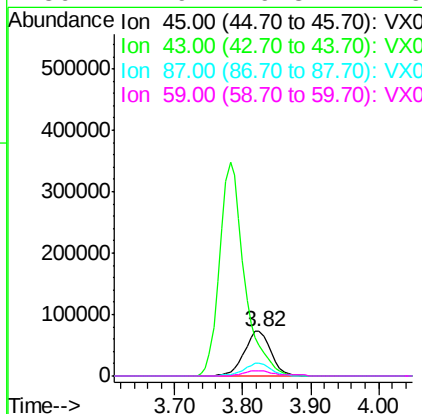
RT: 3.82 min Scan# 449

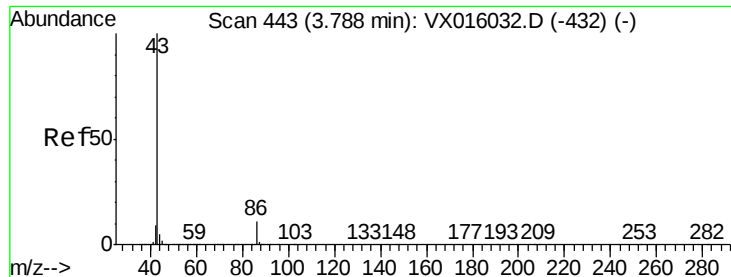
Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion:	45	Resp:	199056
Ion	Ratio	Lower	Upper
45	100		
43	67.9	61.1	91.7
87	29.1	23.0	34.6
59	11.9	9.8	14.6





#23

Vinyl Acetate

Concen: 88.920 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 43 Resp: 879192

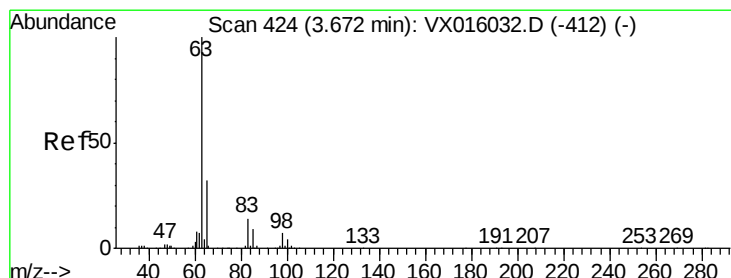
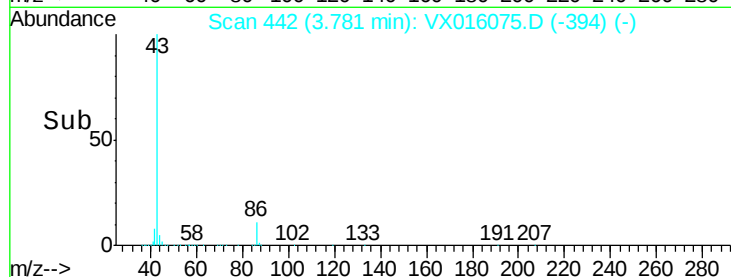
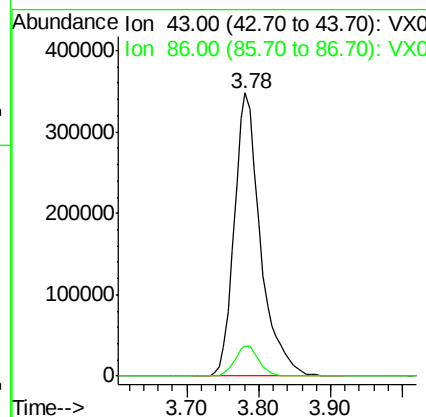
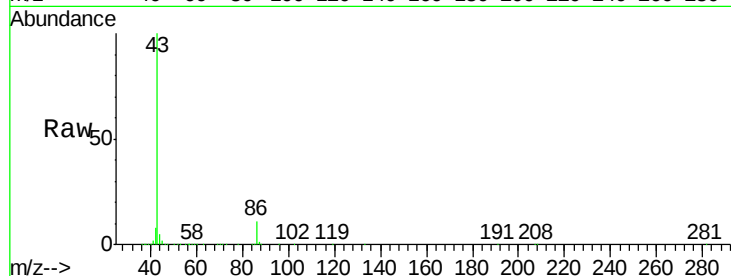
Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 17.948 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

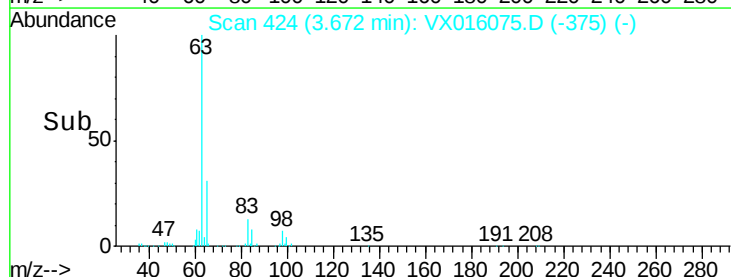
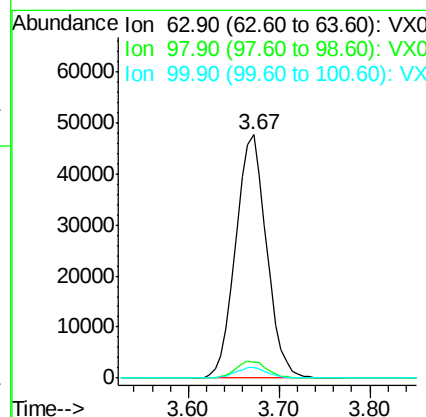
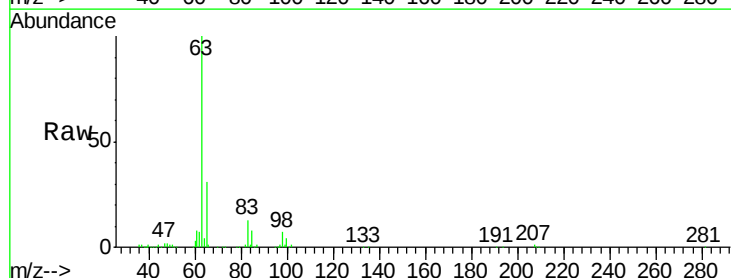
Tgt Ion: 63 Resp: 112838

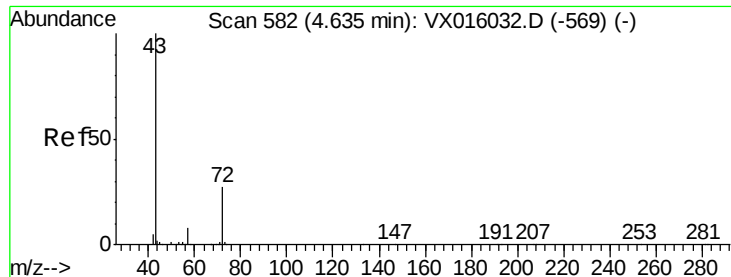
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 84.724 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tot Ion: 43 Resp: 250535

Ion Ratio Lower Upper

43 100

72 27.5 21.8 32.8

Instrument :

MSVOA_X

ClientSampled :

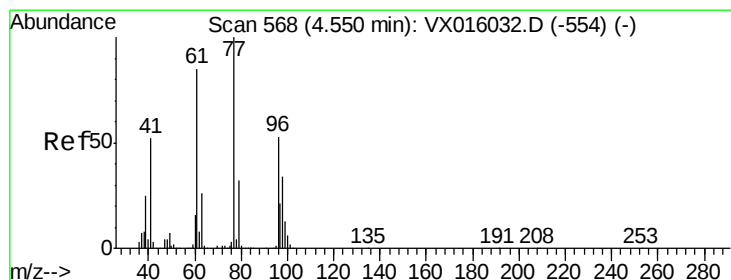
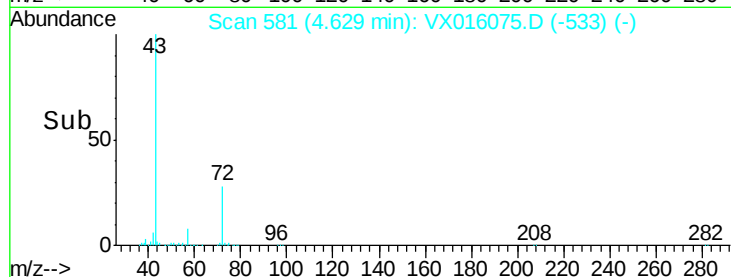
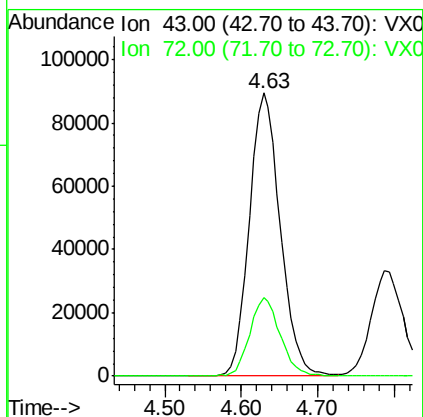
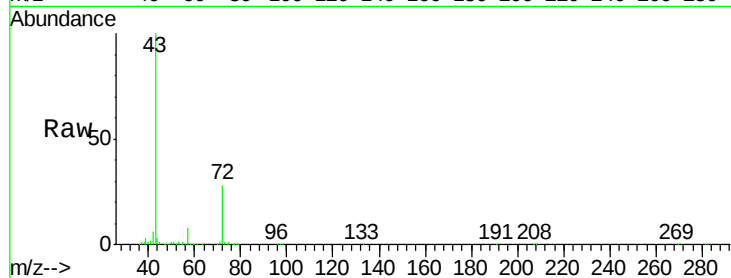
VX0506WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.764 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016075.D

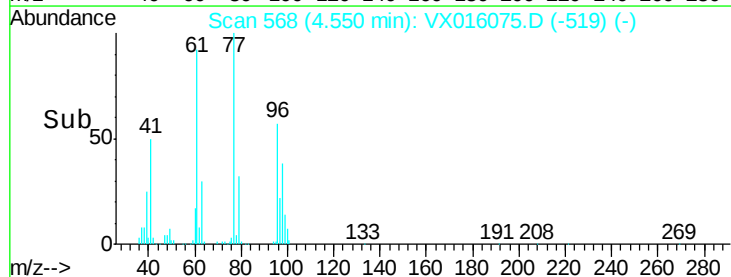
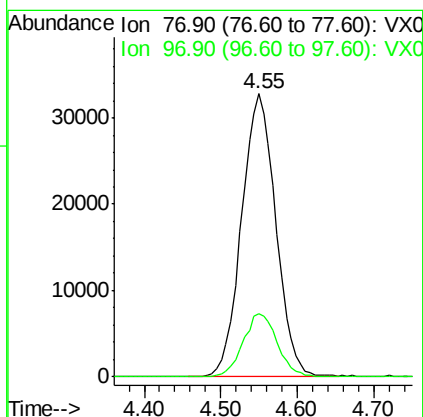
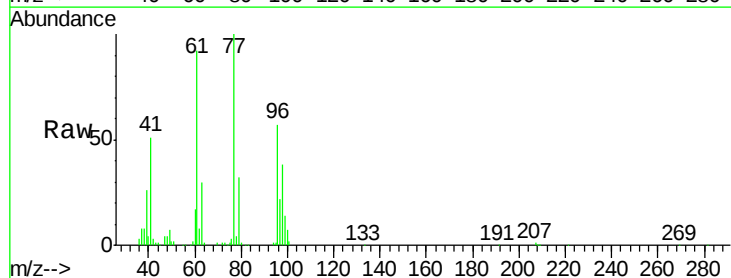
Acq: 06 May 2020 11:50

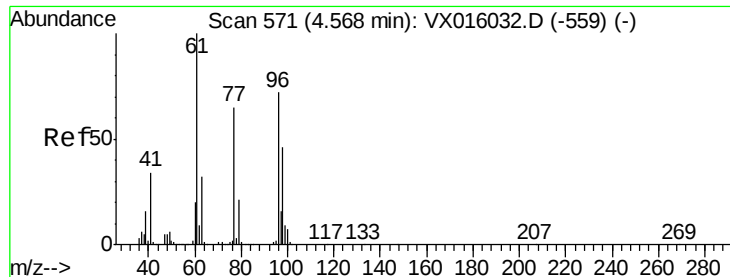
Tgt Ion: 77 Resp: 101989

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

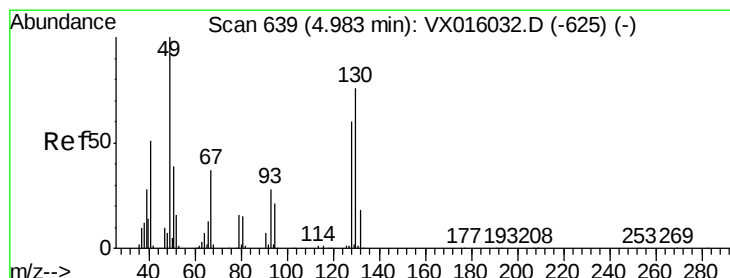
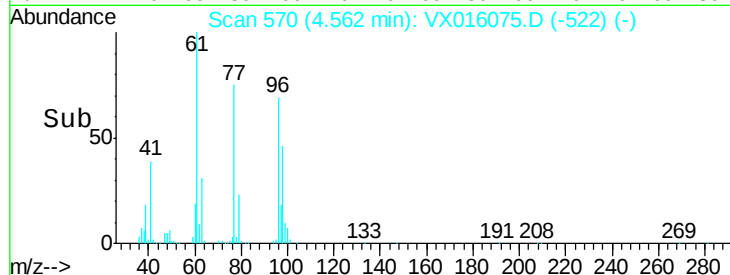
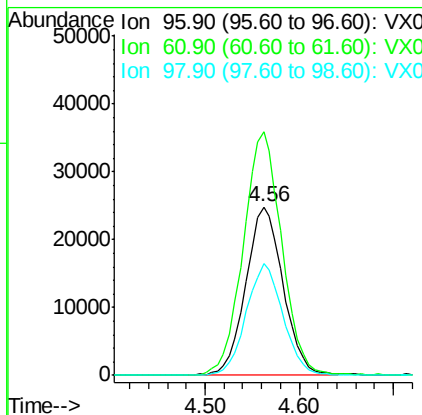
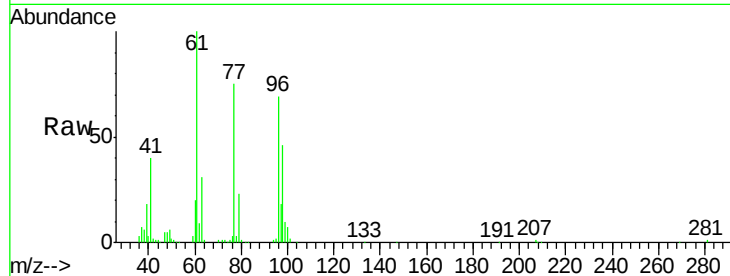
cis-1,2-Dichloroethene
Concen: 17.439 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69027		
61	148.9	0.0	296.2	
98	65.3	0.0	129.4	

Manual Integrations
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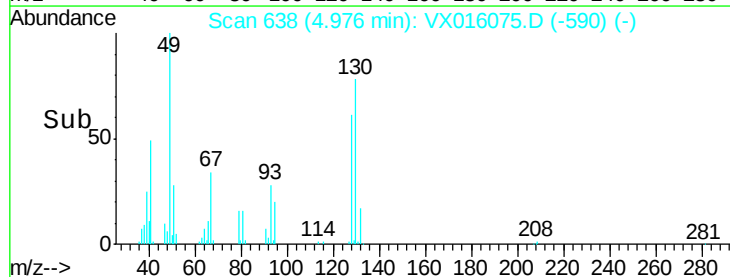
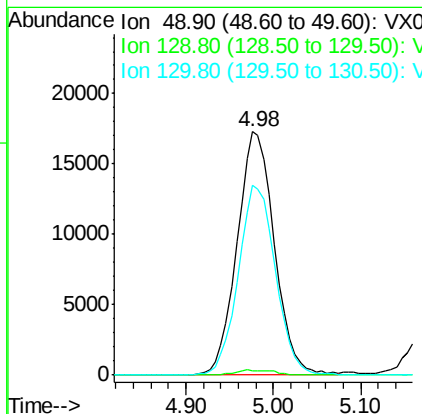
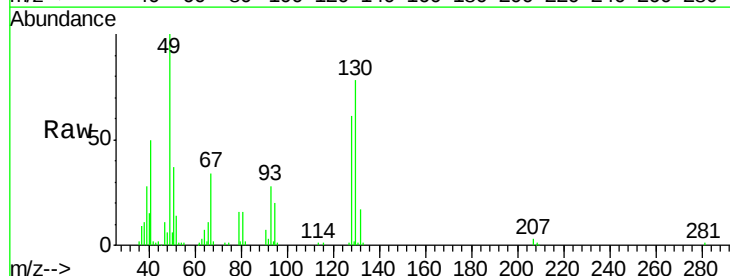
MMDadoda
5/8/2020 11:54:42 AM

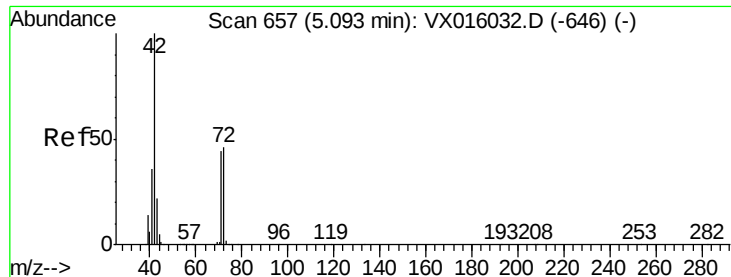


#28

Bromochloromethane
Concen: 17.910 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	51342		
129	1.4	0.0	4.0	
130	77.8	62.4	93.6	





#29

Tetrahydrofuran

Concen: 84.308 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

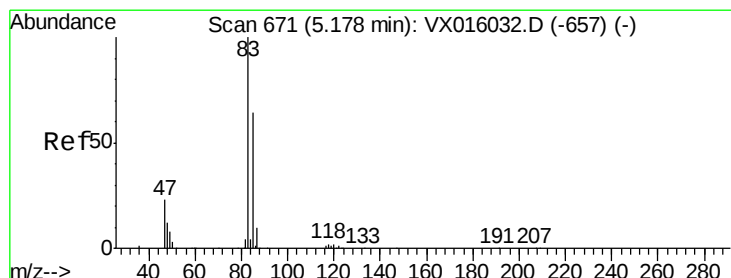
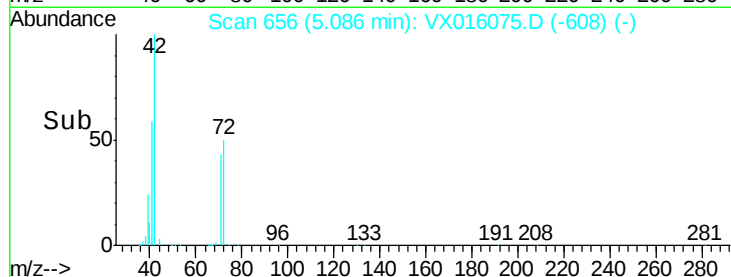
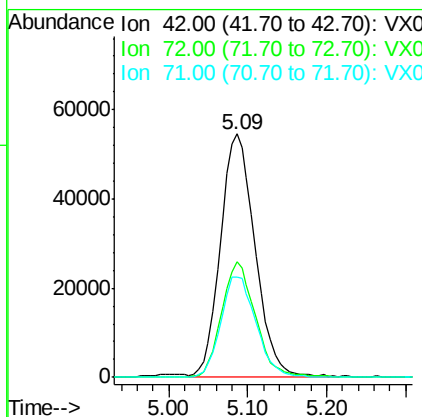
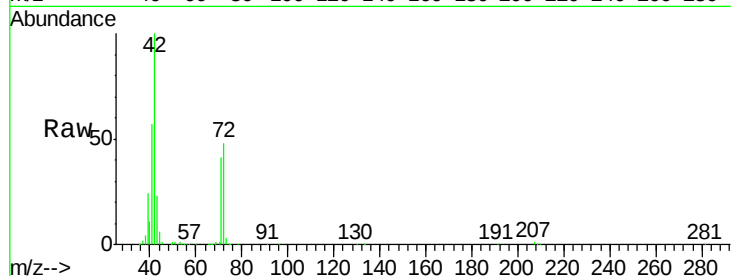
ClientSampleId :

VX0506WBS01

Tot Ion:	42	Resp:	165191
Ion Ratio		Lower	Upper
42	100		
72	47.0	37.1	55.7
71	42.5	34.5	51.7

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#30

Chloroform

Concen: 17.814 ug/l

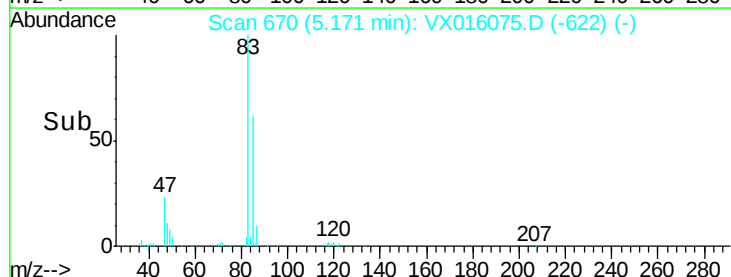
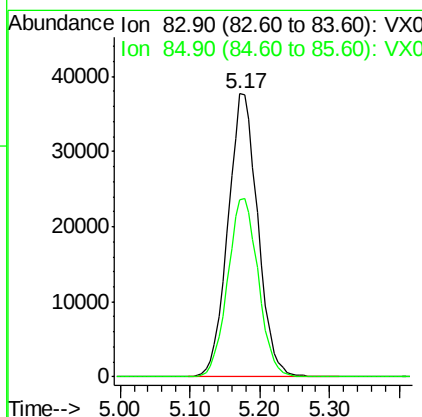
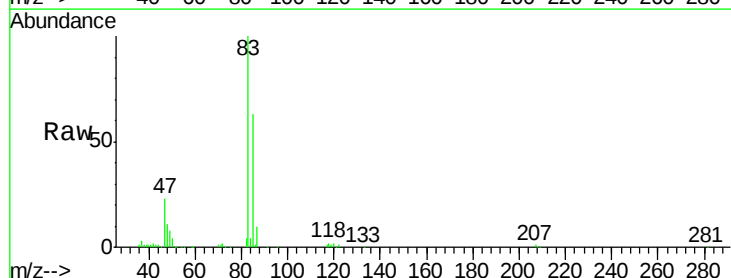
RT: 5.17 min Scan# 670

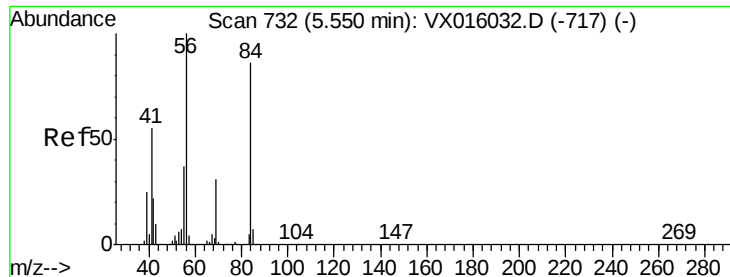
Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion:	83	Resp:	111508
Ion Ratio		Lower	Upper
83	100		
85	62.5	51.6	77.4





#31

Cyclohexane

Concen: 18.185 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

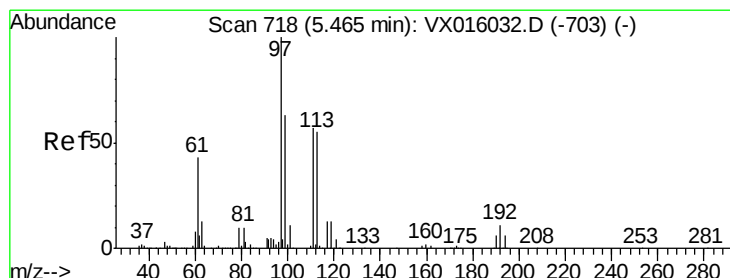
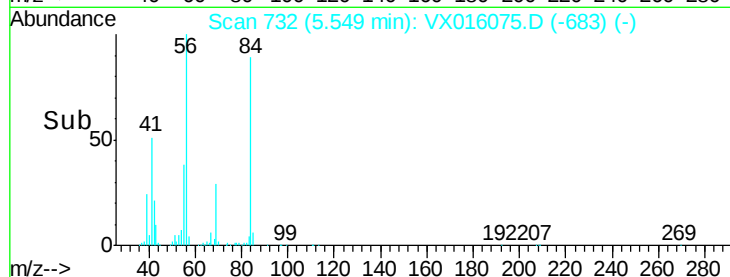
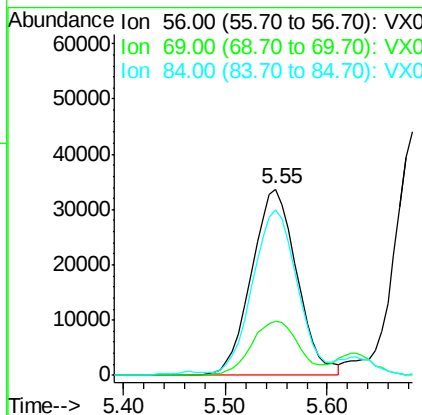
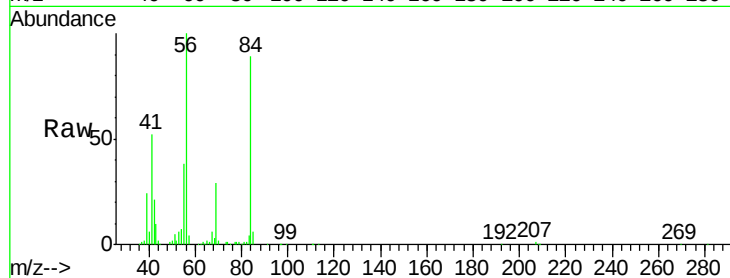
ClientSampleId :

VX0506WBS01

Tot Ion:	56	Resp:	103903
Ion Ratio	Lower	Upper	
56	100		
69	29.3	25.0	37.6
84	86.6	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.794 ug/l

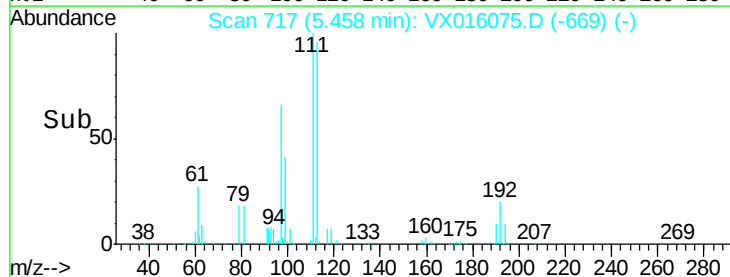
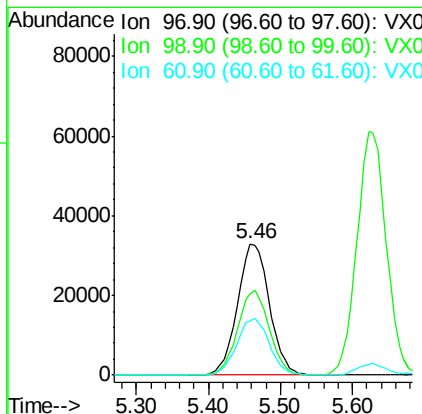
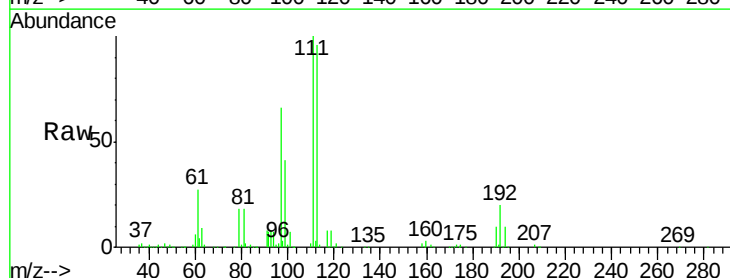
RT: 5.46 min Scan# 717

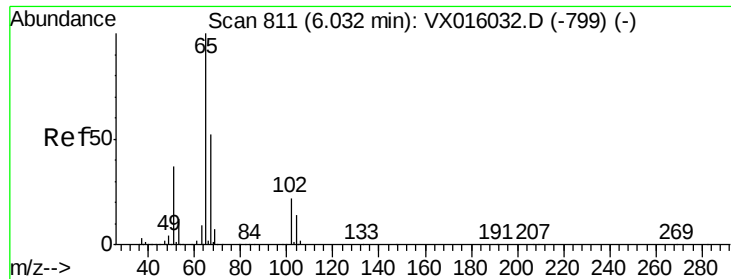
Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion:	97	Resp:	101247
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.0	76.4
61	43.9	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 46.257 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 65 Resp: 190247

Ion Ratio Lower Upper

65 100

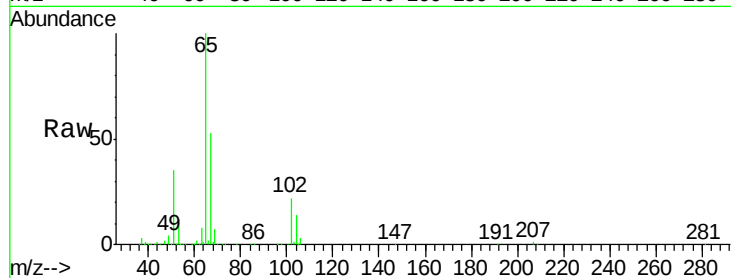
67 53.1 0.0 104.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

60000

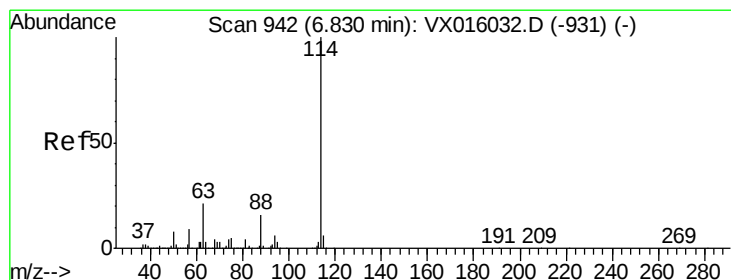
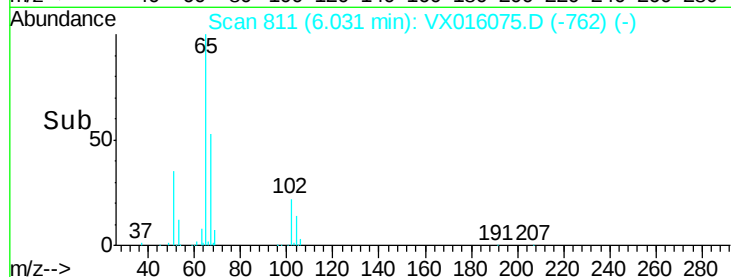
40000

20000

0

5.90 6.03 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

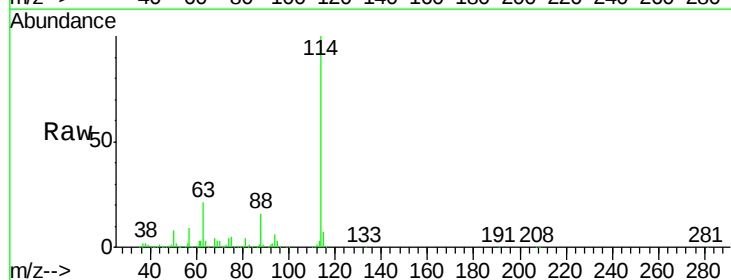
Tgt Ion: 114 Resp: 480400

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

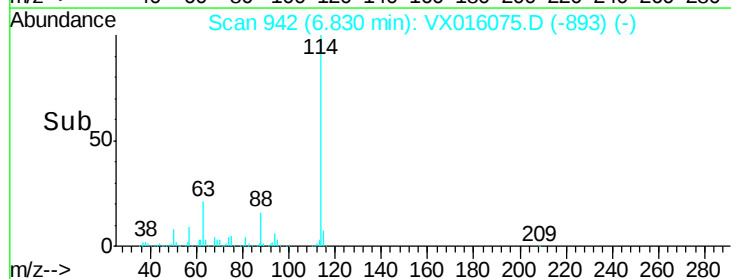
100000

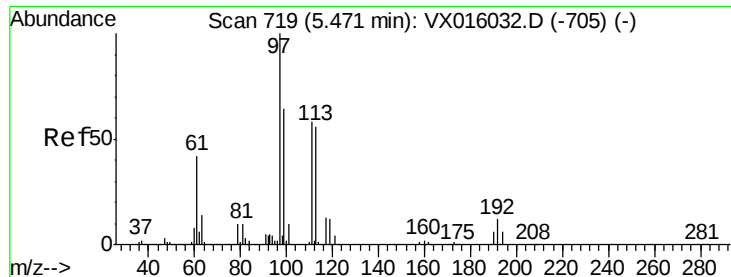
50000

0

6.70 6.83 6.90

Time-->





#35

Dibromofluoromethane

Concen: 48.176 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

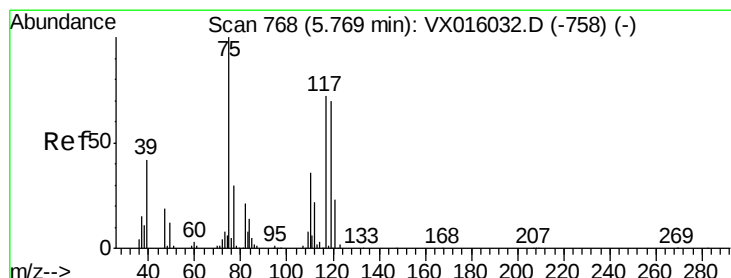
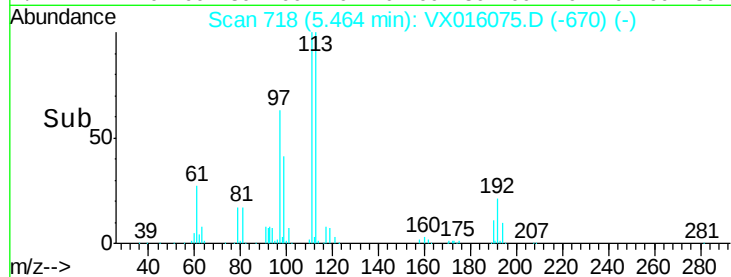
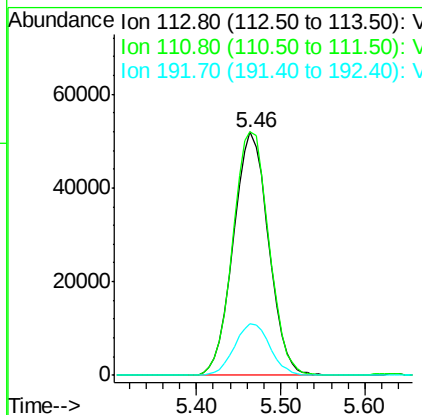
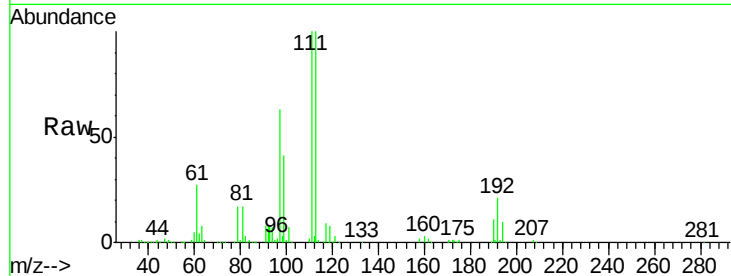
ClientSampleId :

VX0506WBS01

Tot Ion:	113	Resp:	146625
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.6	122.4
192	21.6	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 18.425 ug/l

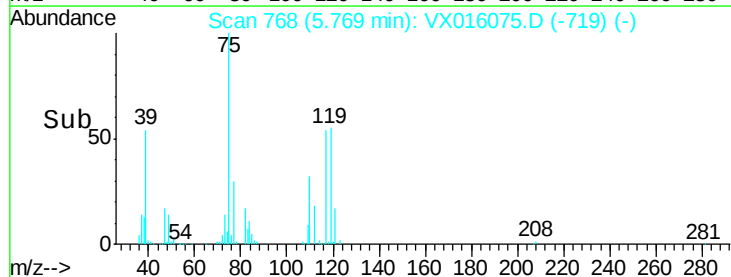
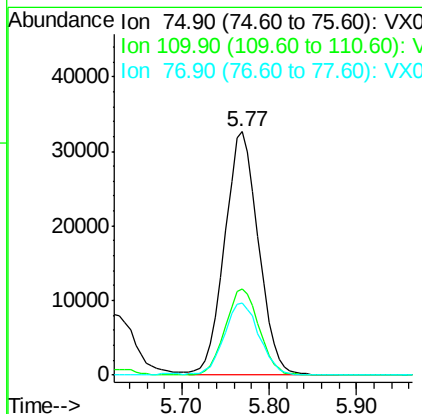
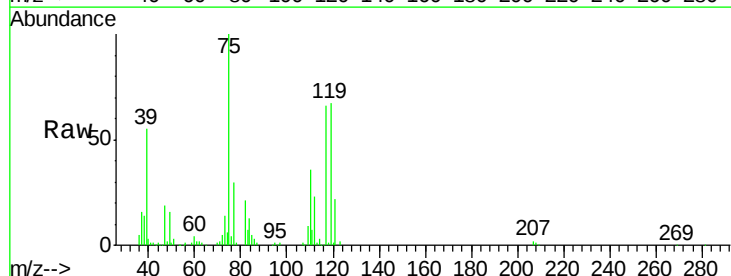
RT: 5.77 min Scan# 768

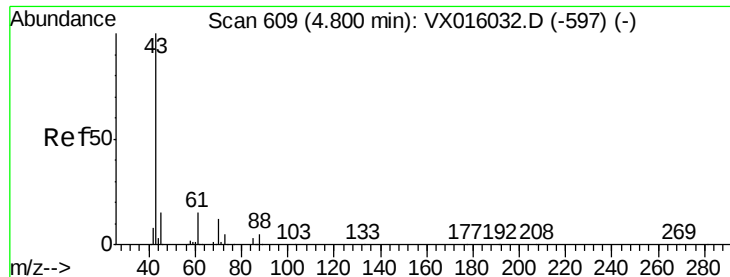
Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion:	75	Resp:	87129
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.1
77	30.5	25.0	37.6





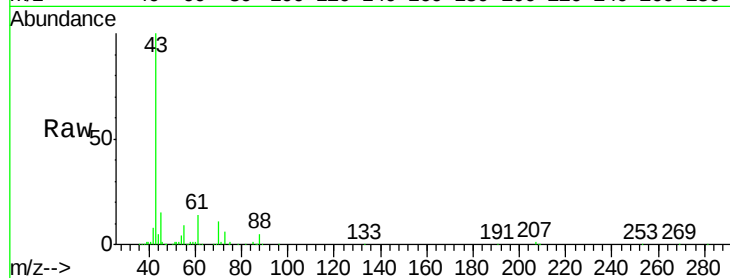
#37
Ethyl Acetate
Concen: 17.872 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleID :
VX0506WBS01

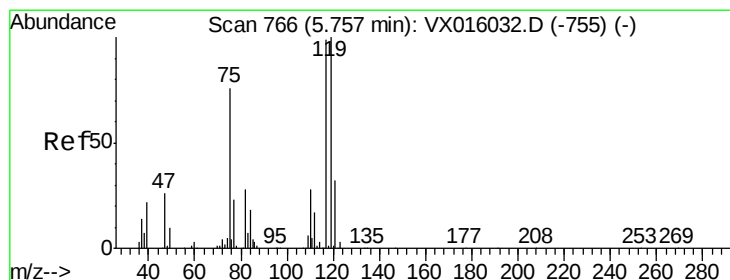
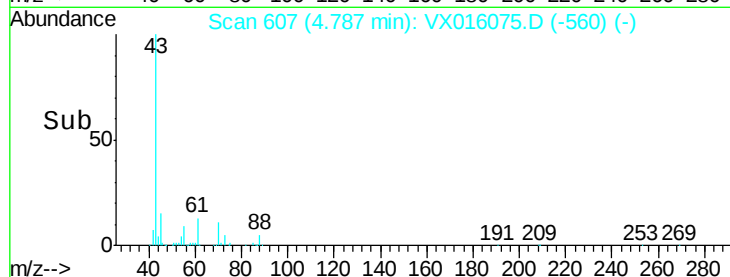
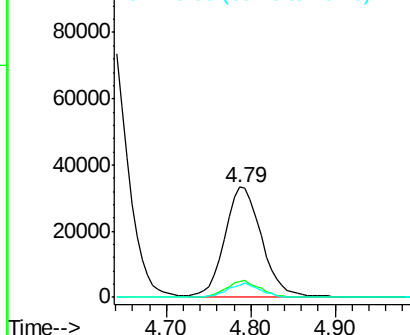
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.7	17.5
70	11.7	9.3	13.9

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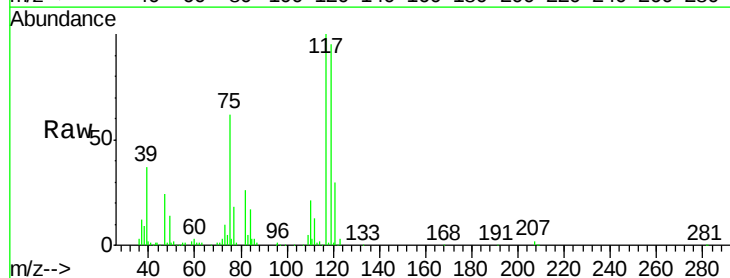


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

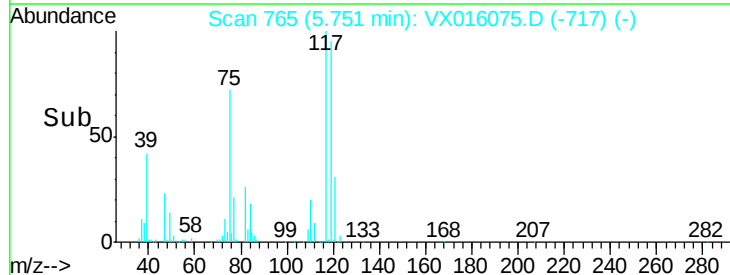
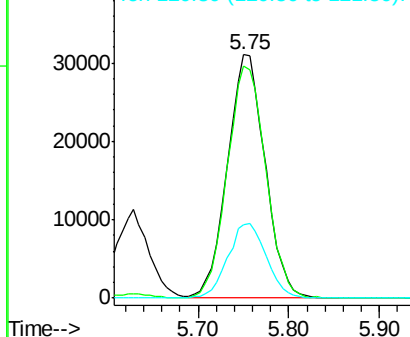


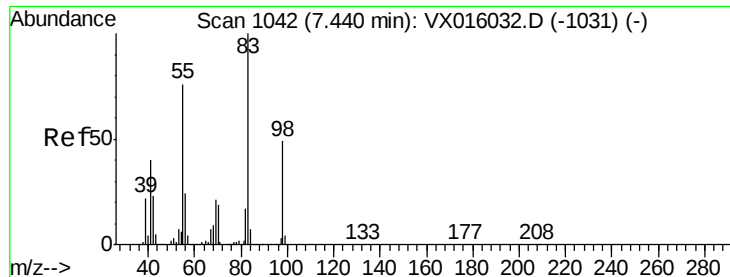
#38
Carbon Tetrachloride
Concen: 18.584 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	80.3	120.5
121	30.4	25.7	38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





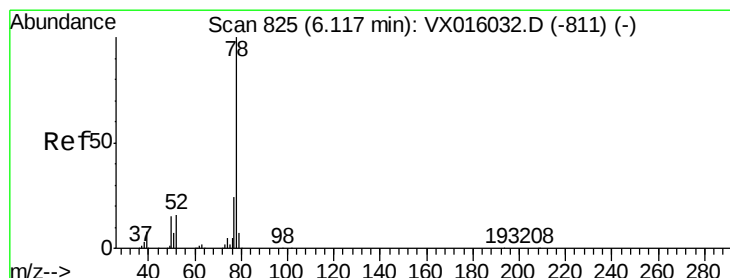
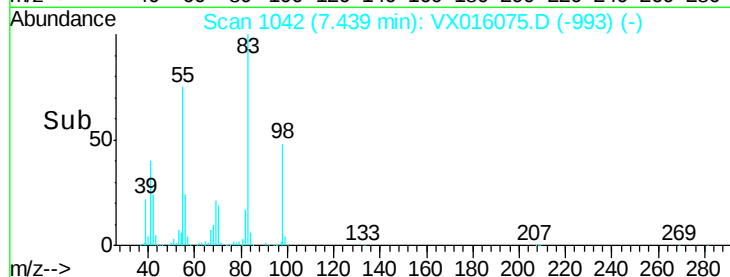
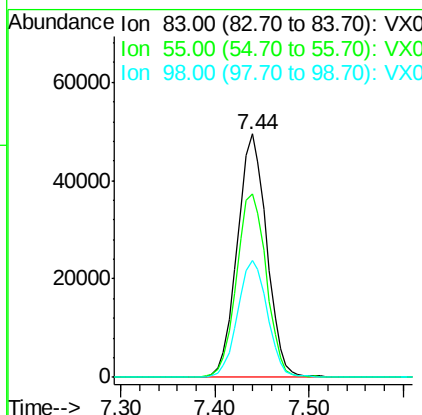
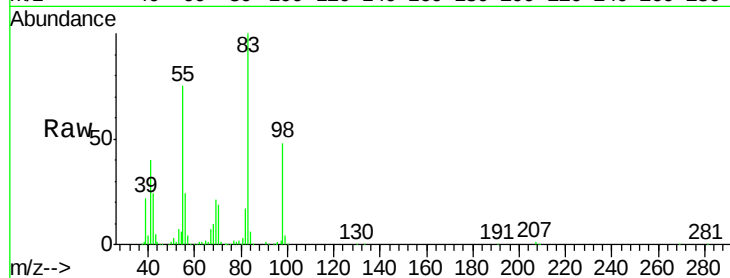
#39
Methvlcvclohexane
Concen: 18.880 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.1	91.7
98	48.2	39.0	58.4

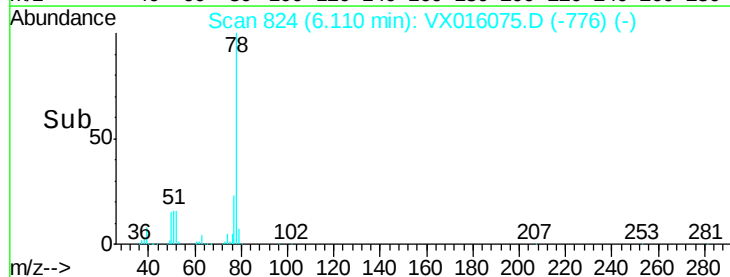
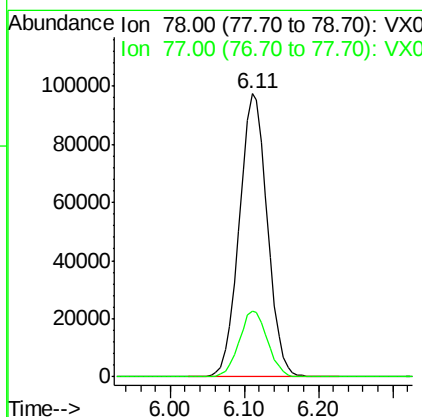
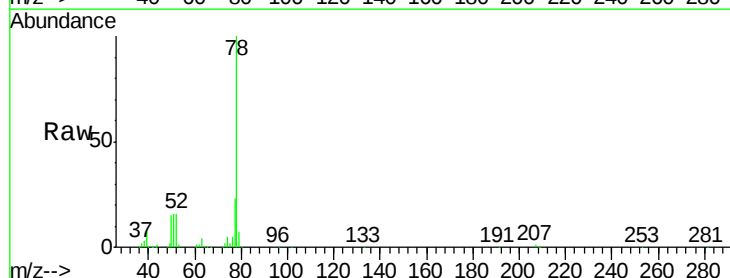
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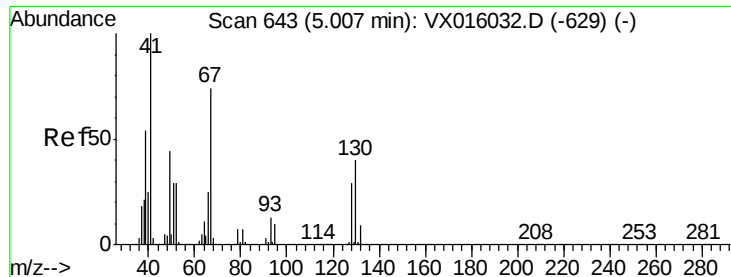
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#40
Benzene
Concen: 18.600 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 18.075 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

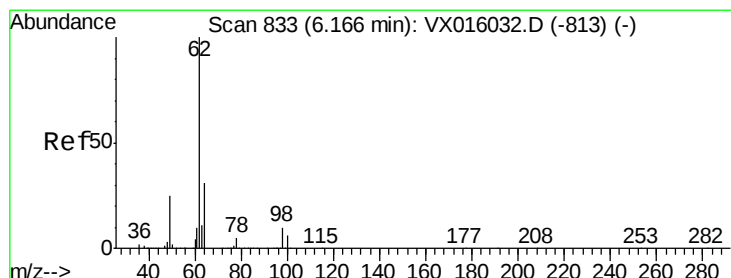
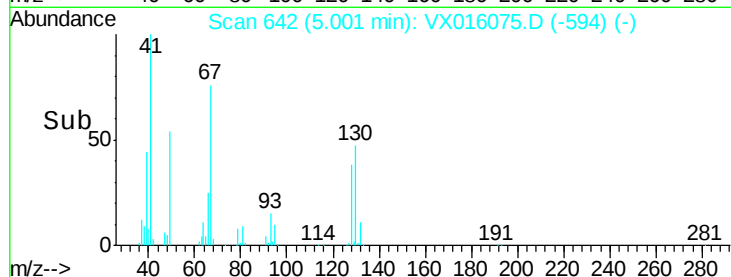
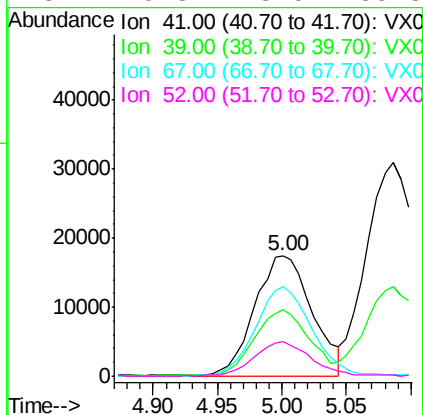
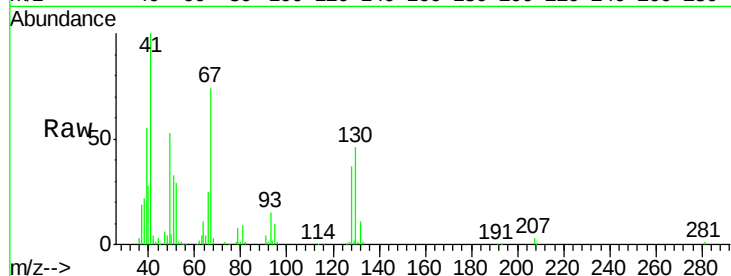
ClientSampleId :

VX0506WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	43.2	64.8	
67	73.3	59.3	88.9	
52	29.3	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.182 ug/l

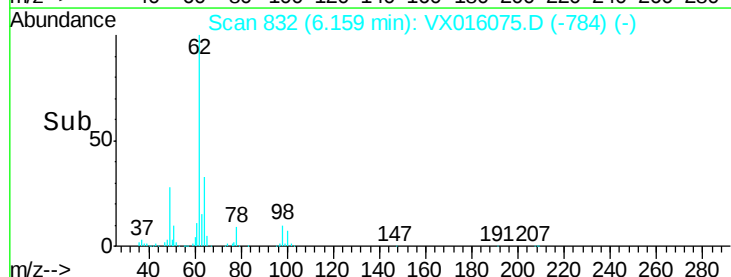
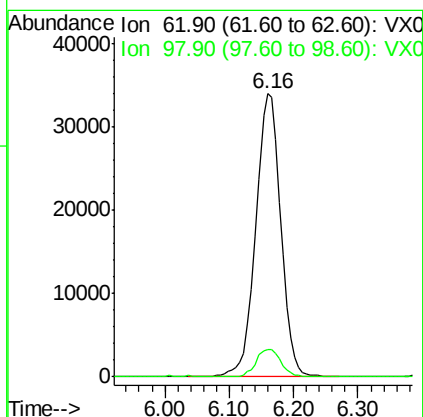
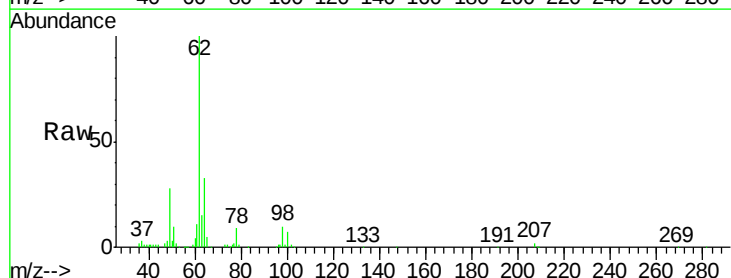
RT: 6.16 min Scan# 832

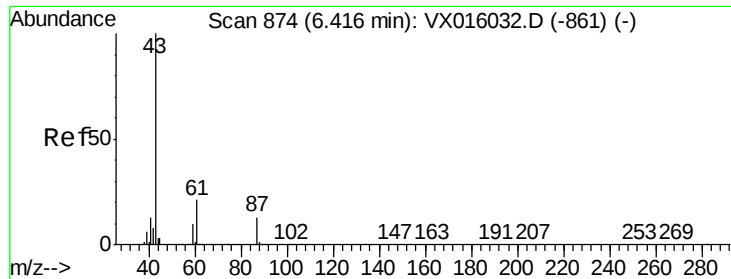
Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.4	





#43

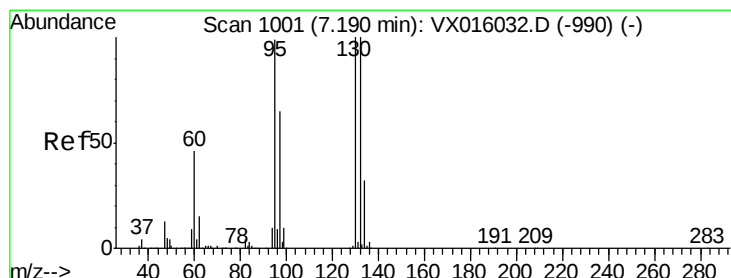
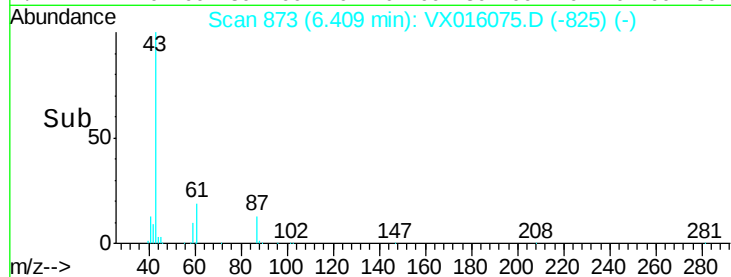
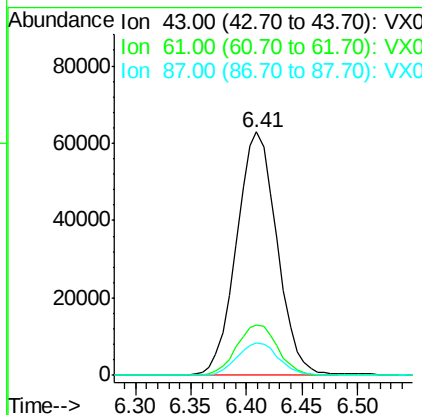
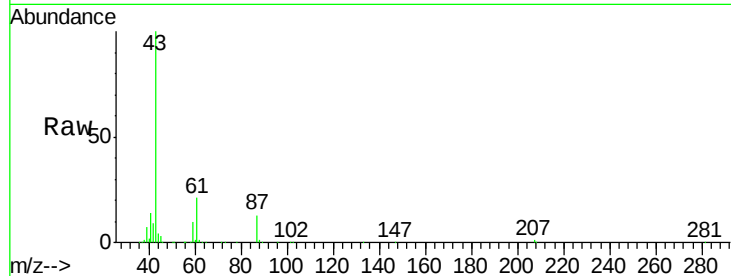
Isopropyl Acetate
 Concen: 17.992 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	13.7	11.0	16.6

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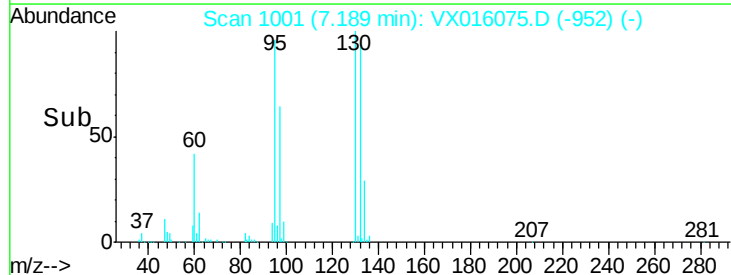
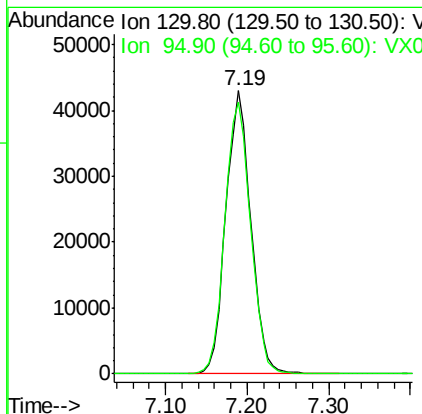
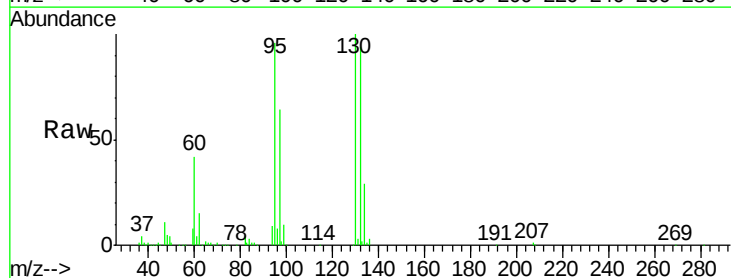
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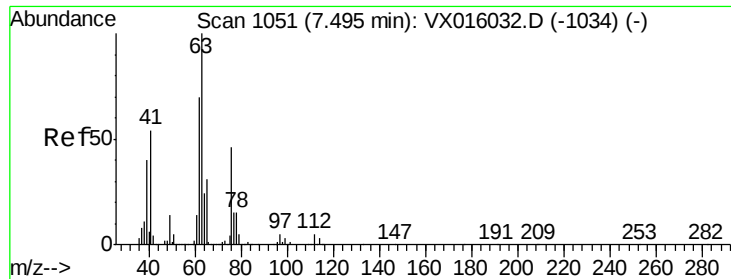


#44

Trichloroethene
 Concen: 18.450 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	197.4





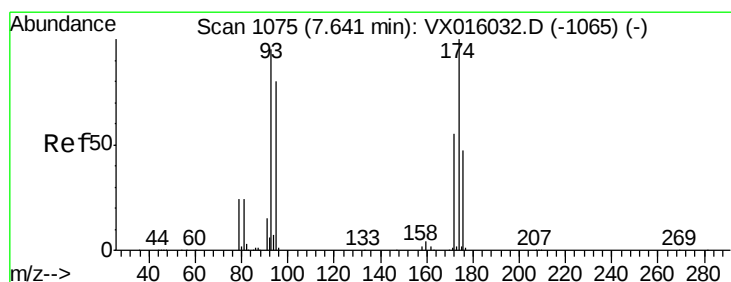
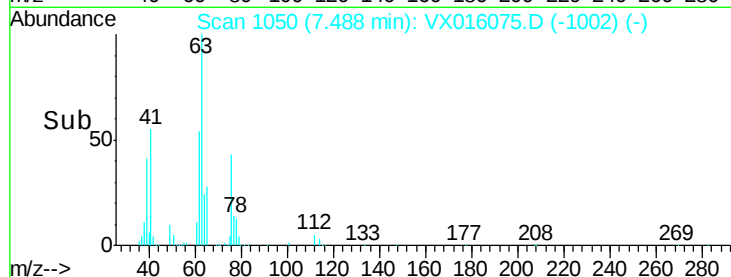
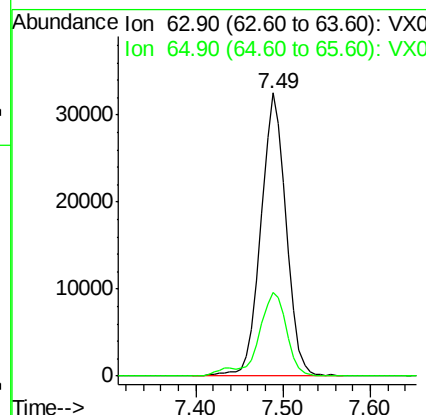
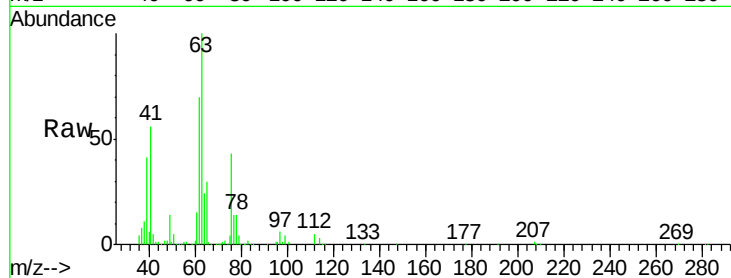
#45
 1,2-Dichloropropane
 Concen: 18.662 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	65336		
65	29.8		24.4	36.6

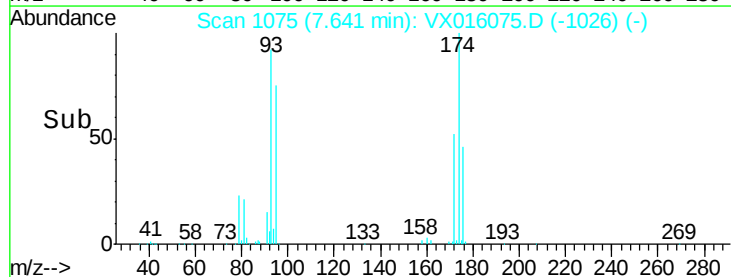
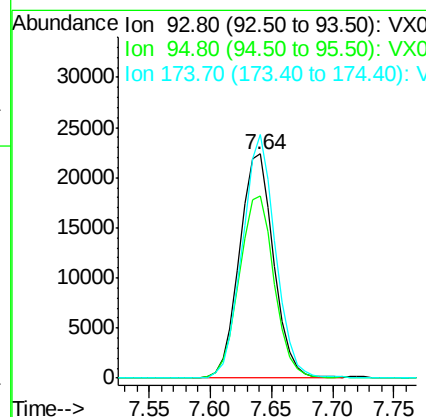
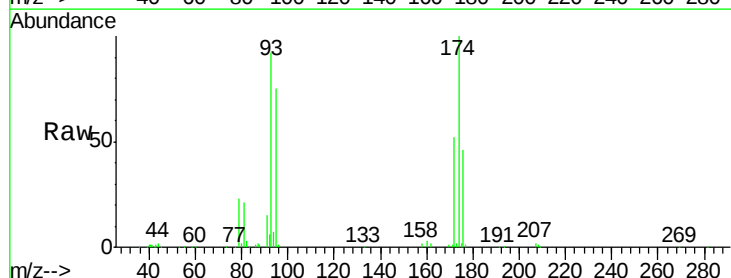
Manual Integrations
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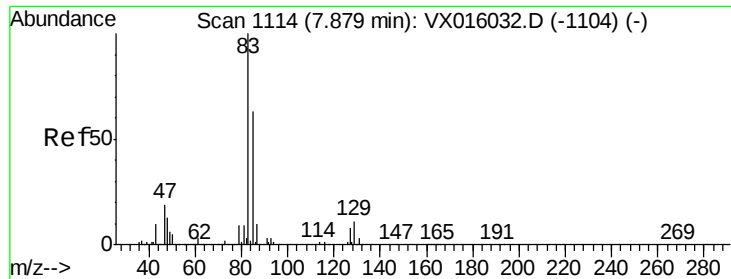
MMDadoda
 5/8/2020 11:54:42 AM



#46
 Dibromomethane
 Concen: 18.244 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	43408		
95	83.0		66.6	100.0
174	105.6		84.2	126.4





#47

Bromodichloromethane

Concen: 18.605 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

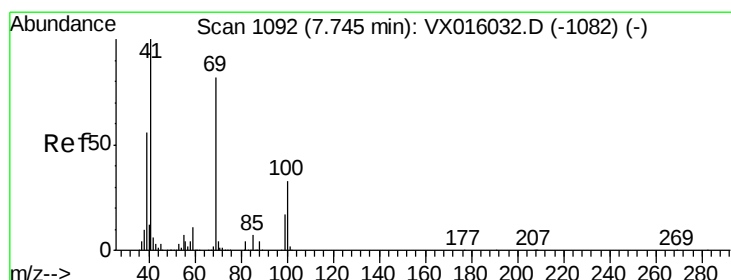
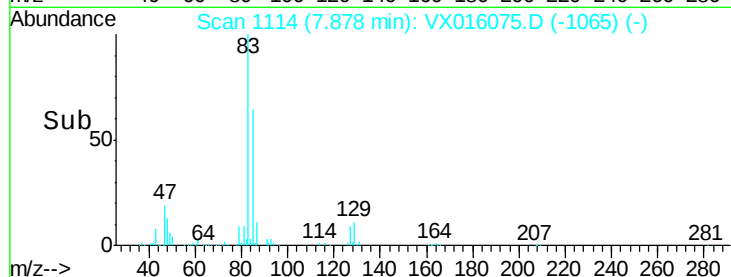
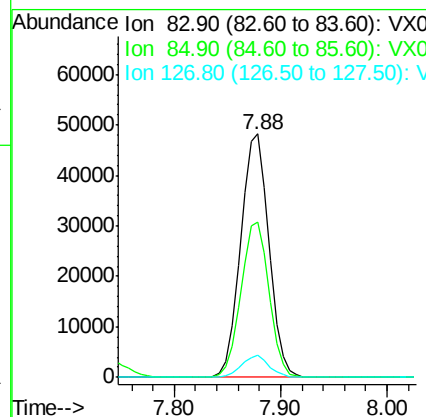
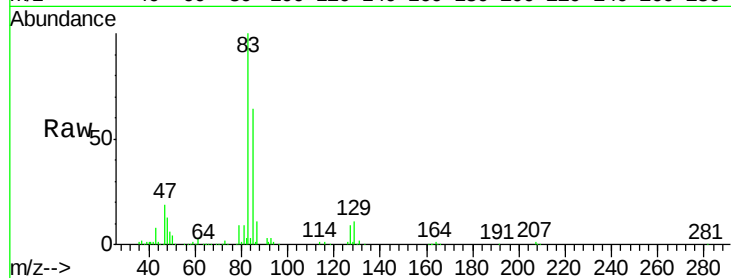
ClientSampleId :

VX0506WBS01

Tot Ion:	83	Resp:	90152
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.5	75.7
127	9.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.817 ug/l

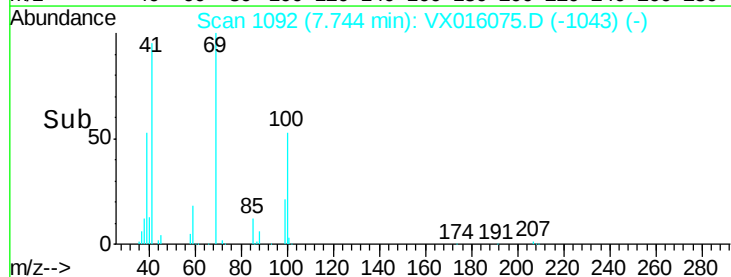
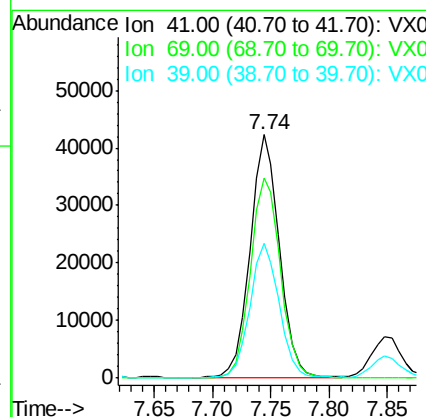
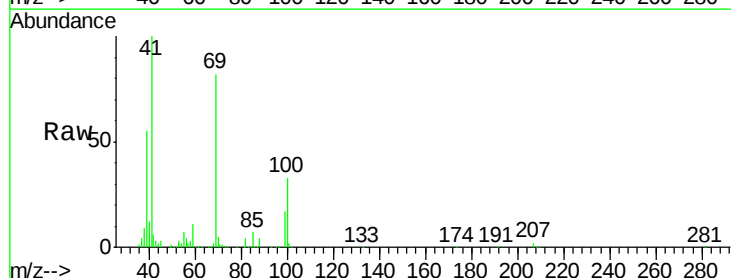
RT: 7.74 min Scan# 1092

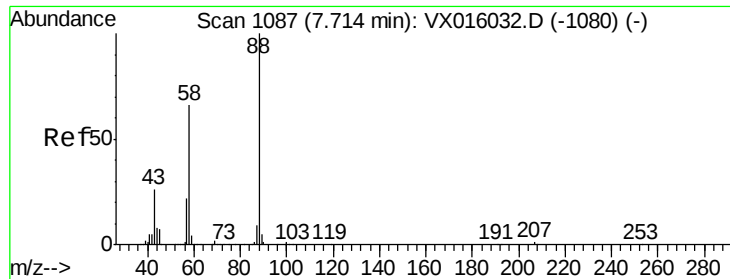
Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion:	41	Resp:	73830
Ion Ratio	Lower	Upper	
41	100		
69	84.9	67.8	101.6
39	56.2	44.6	67.0





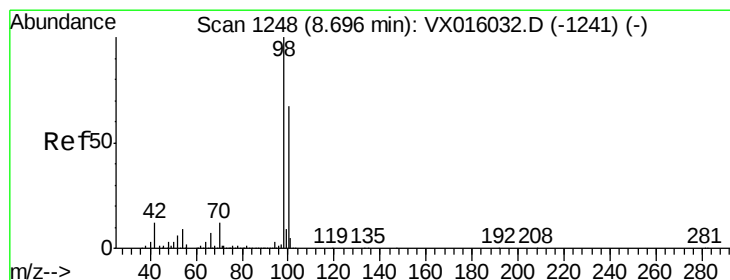
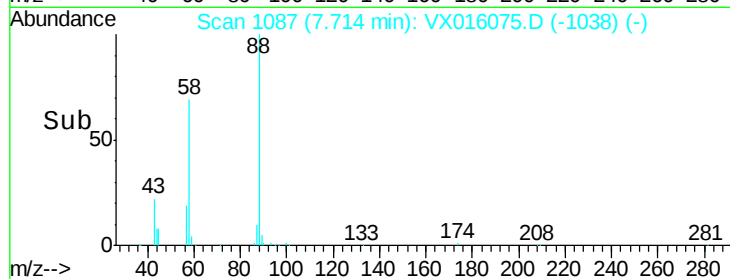
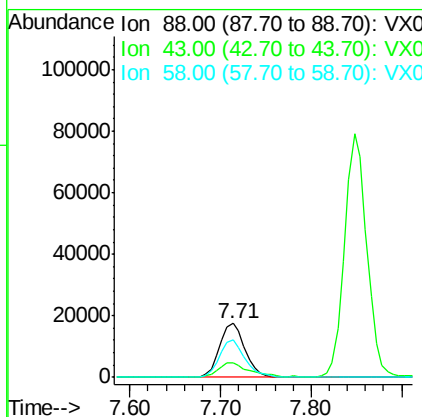
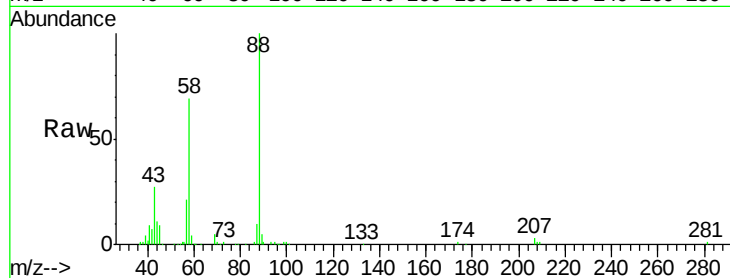
#49
1,4-Dioxane
Concen: 347.982 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	25.3	37.9
58	70.0	55.9	83.9

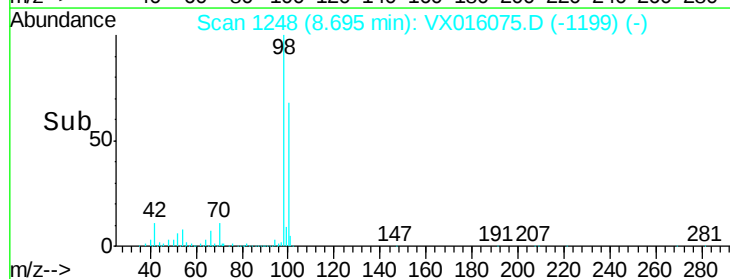
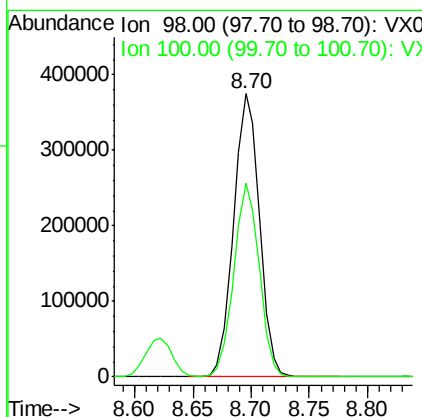
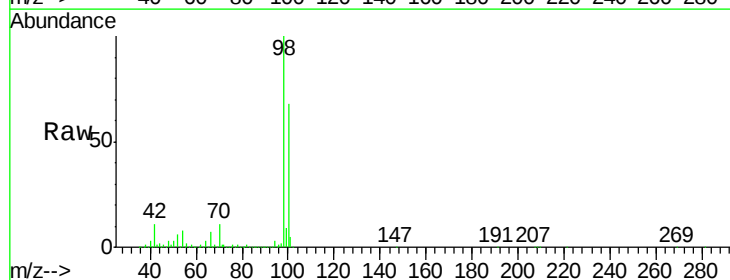
Manual Integrations
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#50
Toluene-d8
Concen: 49.516 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 90.330 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

Tot Ion: 43 Resp: 483392

Ion Ratio Lower Upper

43 100

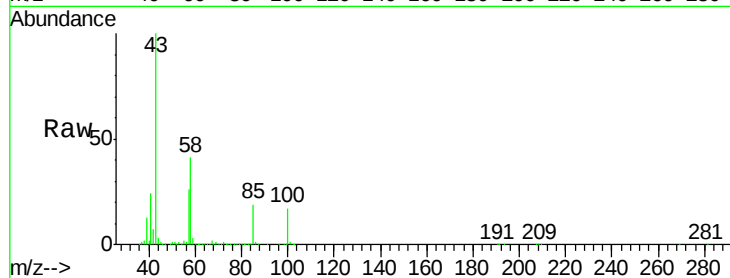
58 41.3 33.0 49.4

Manual Integrations

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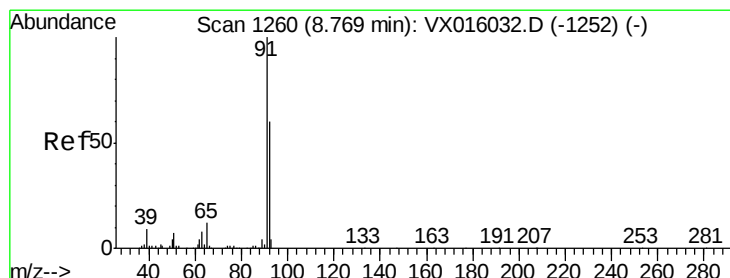
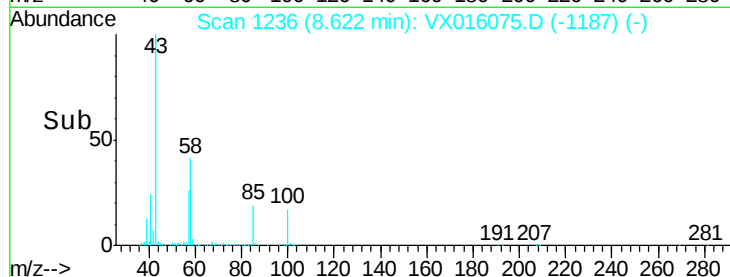
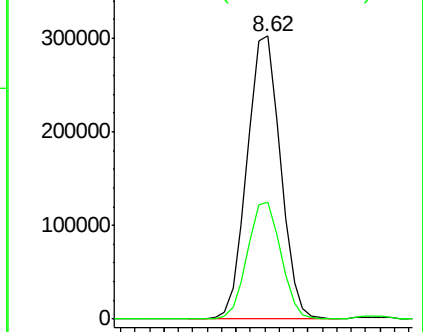
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.670 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016075.D

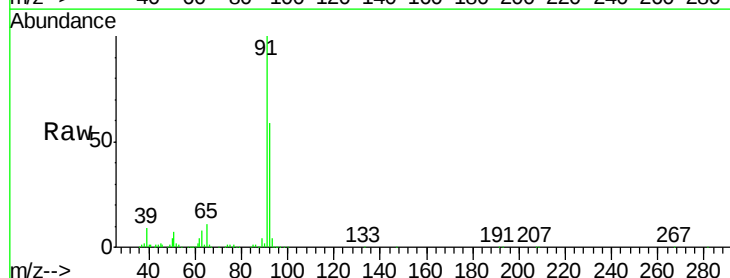
Acq: 06 May 2020 11:50

Tgt Ion: 92 Resp: 161020

Ion Ratio Lower Upper

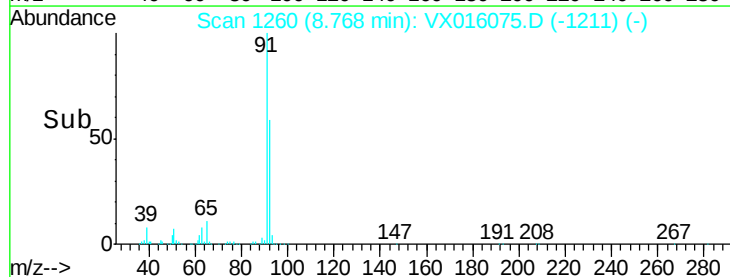
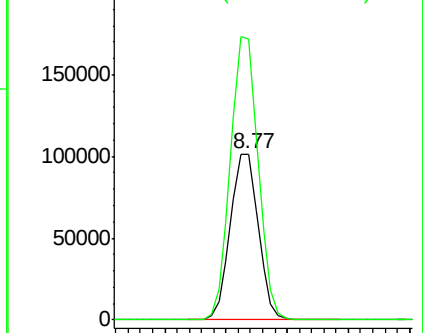
92 100

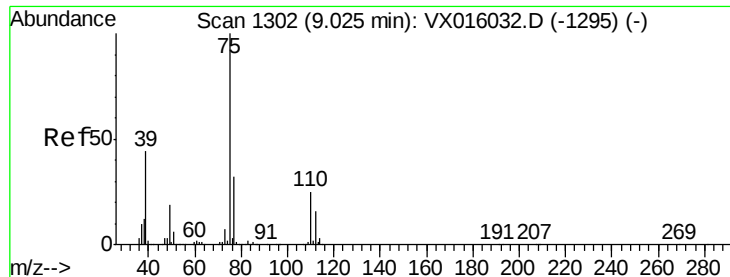
91 169.0 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.861 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 75 Resp: 103195

Ion Ratio Lower Upper

75 100

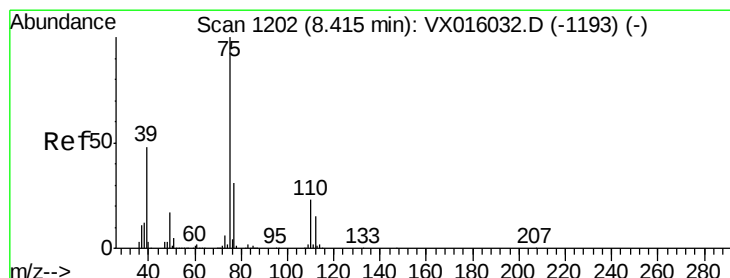
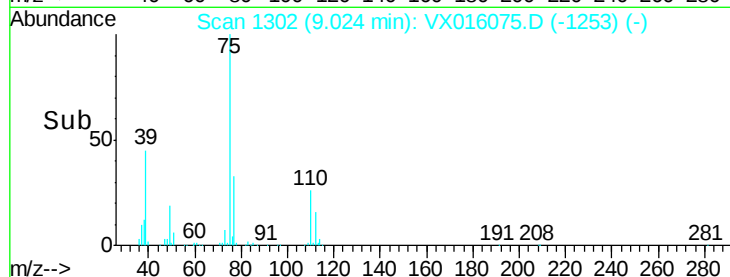
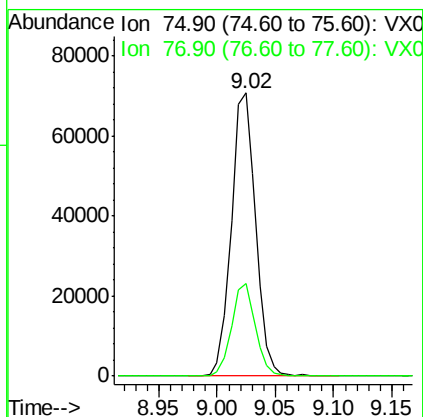
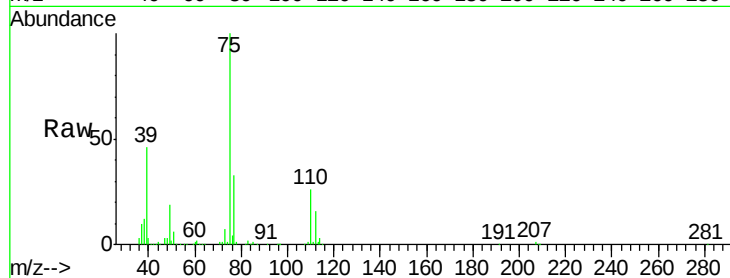
77 32.9 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.340 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

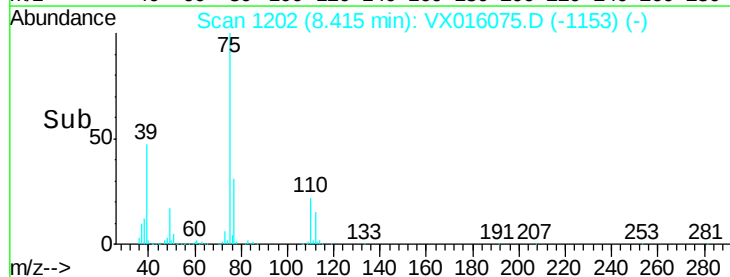
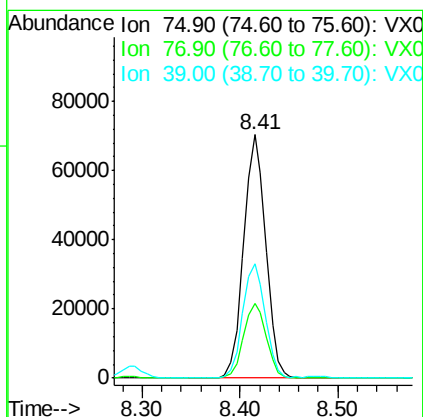
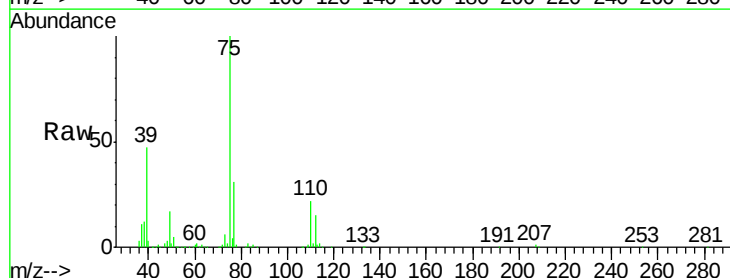
Tgt Ion: 75 Resp: 110678

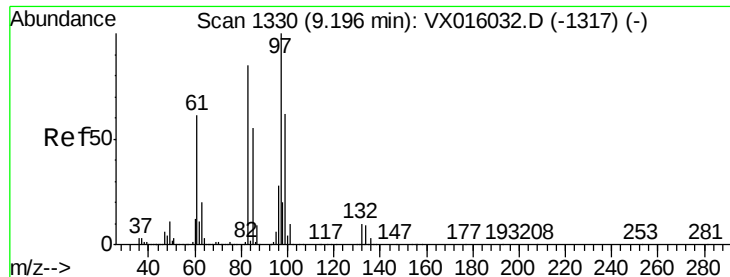
Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1

39 46.9 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 18.584 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

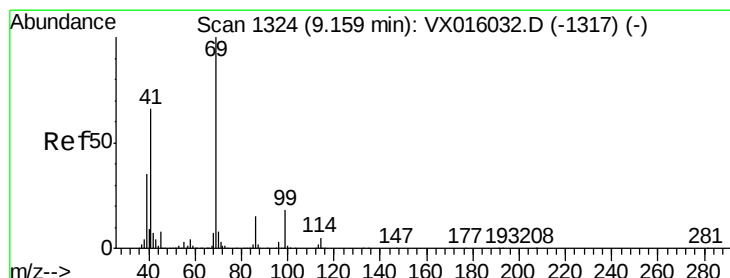
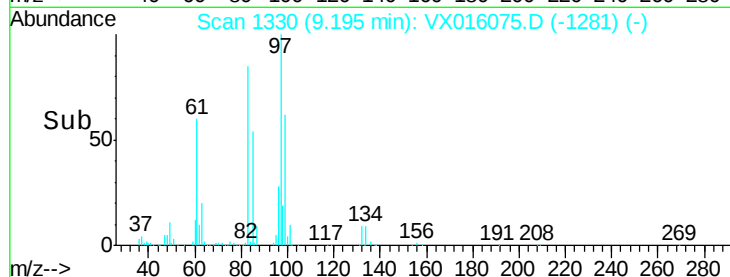
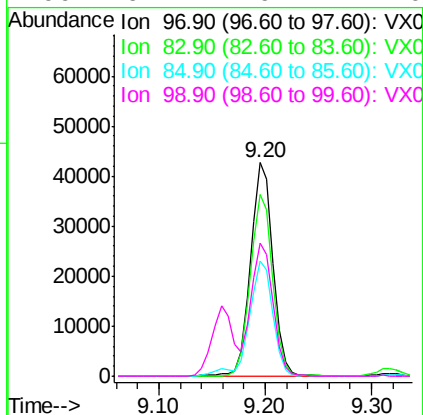
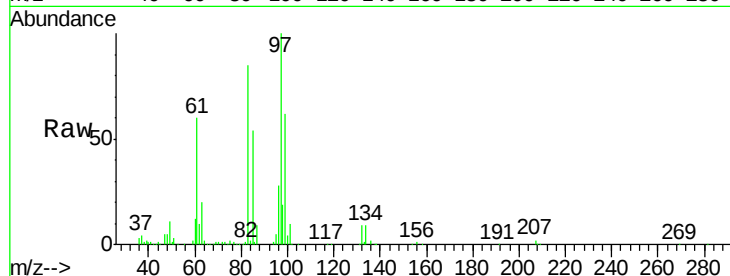
ClientSampleId :

VX0506WBS01

Tot Ion:	97	Resp:	63058
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.8	101.8
85	54.2	43.8	65.8
99	62.4	49.4	74.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.295 ug/l

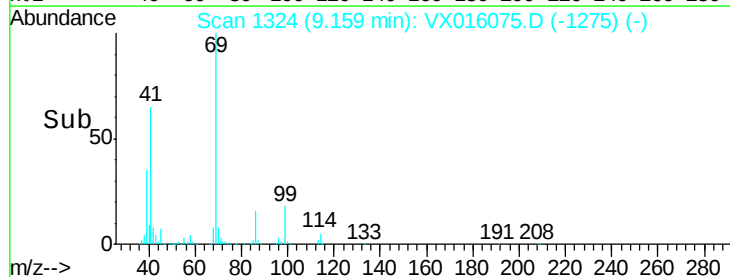
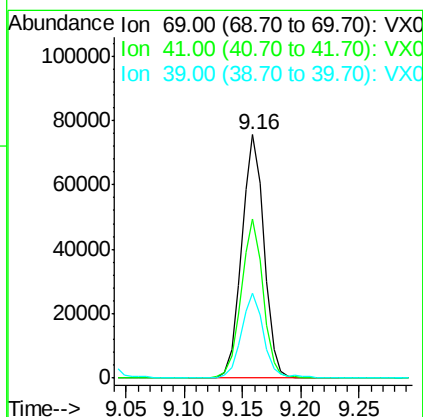
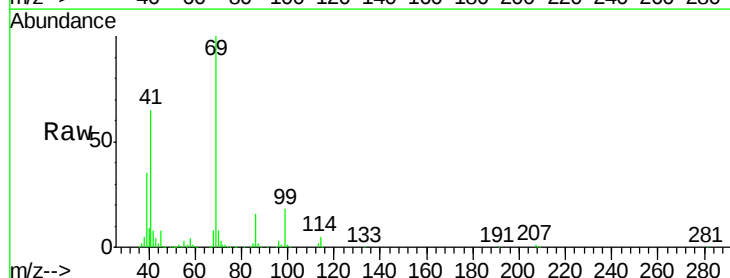
RT: 9.16 min Scan# 1324

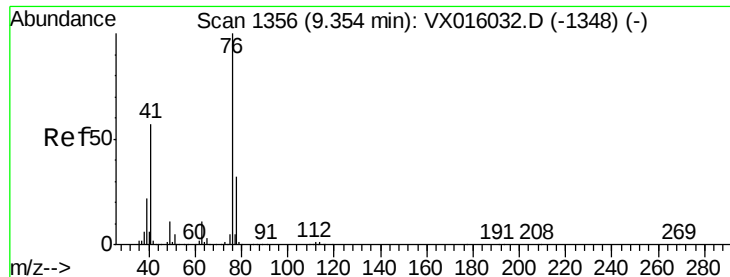
Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion:	69	Resp:	101329
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.2	78.4
39	34.7	28.2	42.4





#57

1,3-Dichloropropane

Concen: 18.591 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 76 Resp: 110071

Ion Ratio Lower Upper

76 100

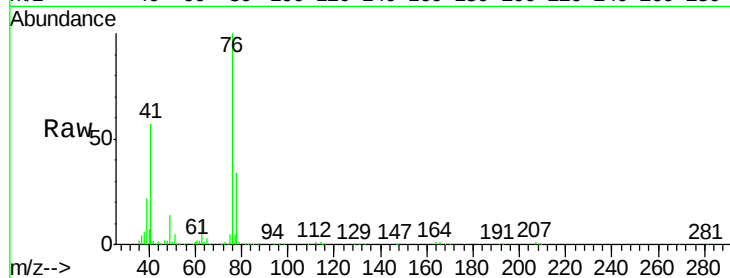
78 32.9 25.9 38.9

Manual Integrations

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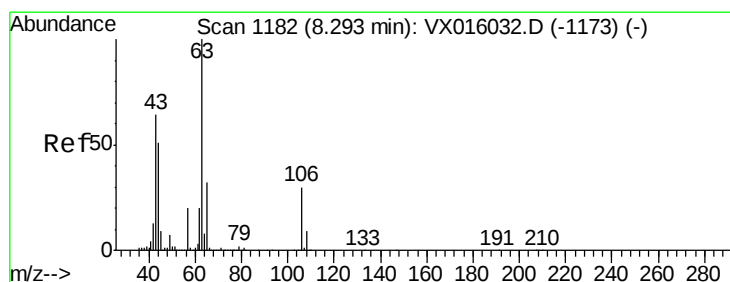
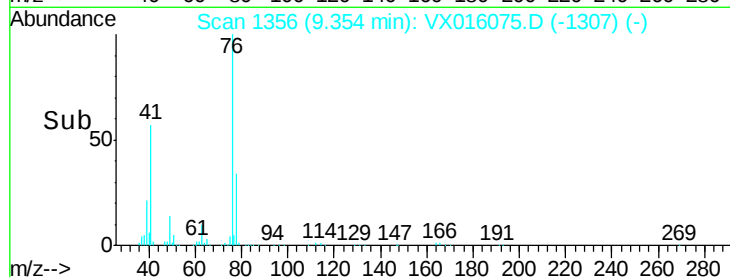
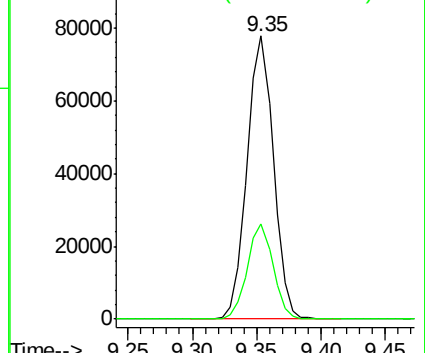
MMDadoda

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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: 89.251 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016075.D

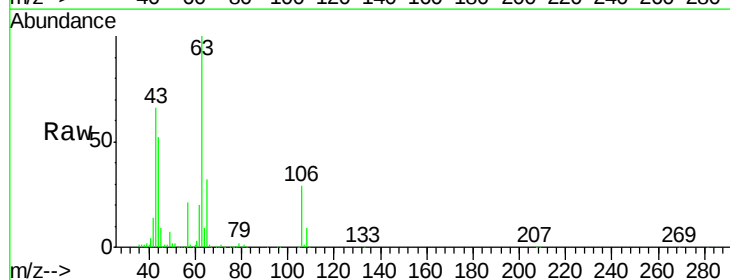
Acq: 06 May 2020 11:50

Tgt Ion: 63 Resp: 263173

Ion Ratio Lower Upper

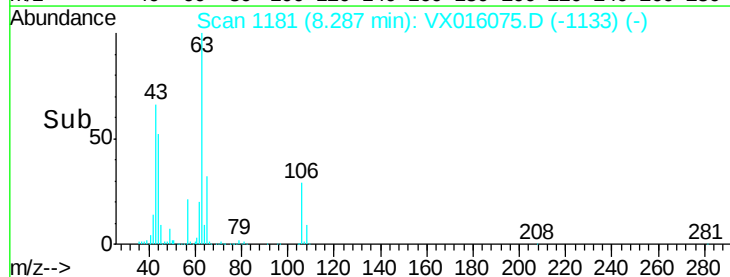
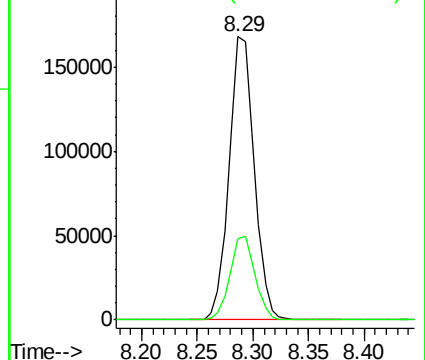
63 100

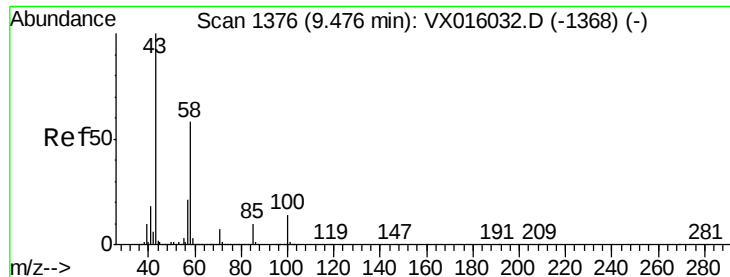
106 29.5 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





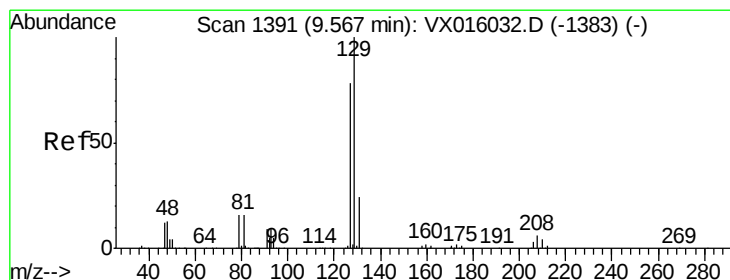
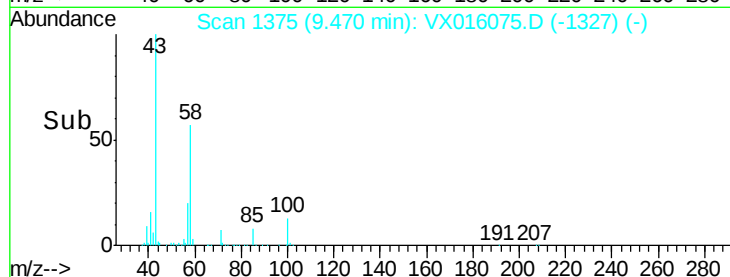
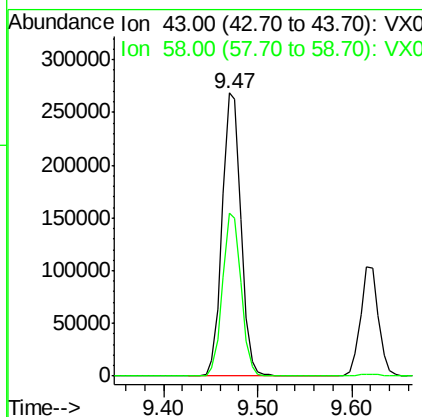
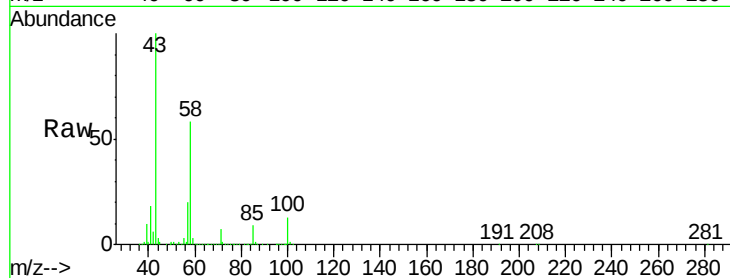
#59
2-Hexanone
Concen: 88.292 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion: 43 Resp: 371056
Ion Ratio Lower Upper
43 100
58 57.1 28.6 85.9

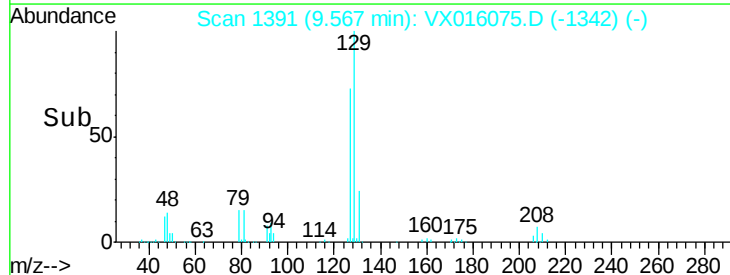
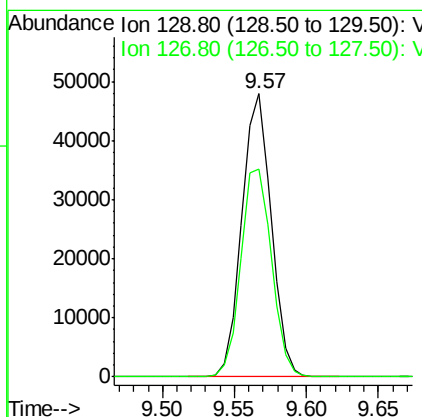
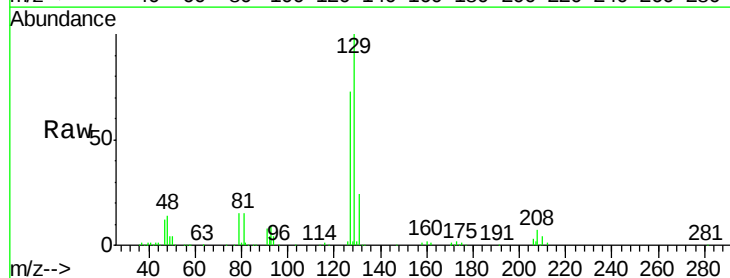
Manual Integrations
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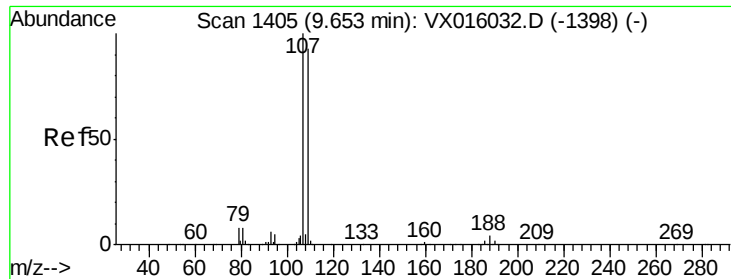
MMDadoda
5/8/2020 11:54:42 AM



#60
Dibromochloromethane
Concen: 18.142 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion: 129 Resp: 67798
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.181 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 107 Resp: 66824

Ion Ratio Lower Upper

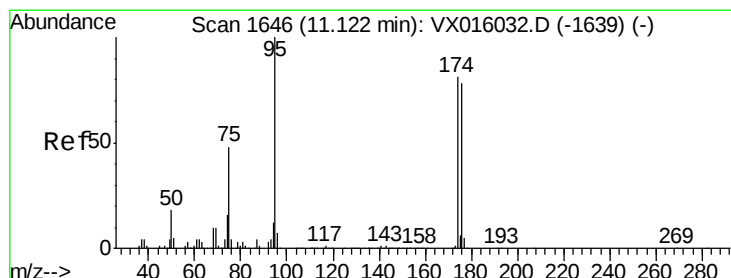
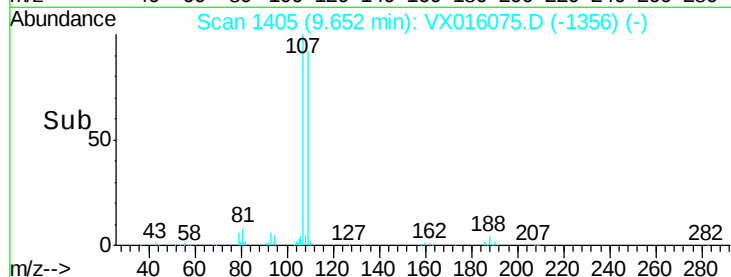
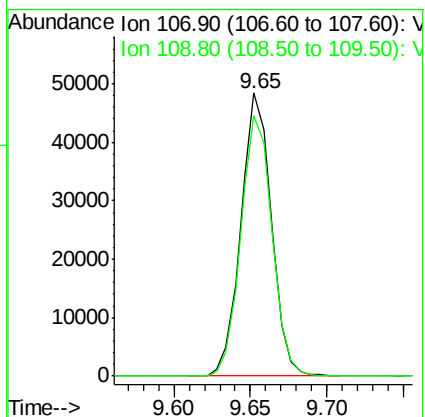
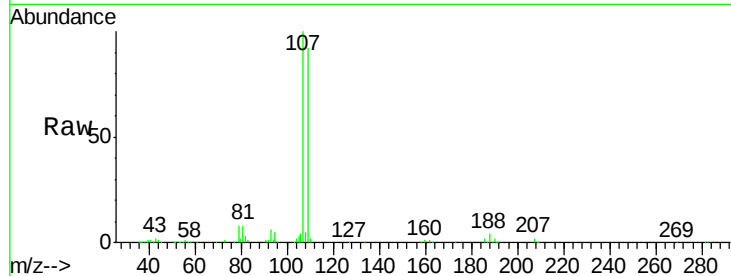
107 100

109 94.9 74.9 112.3

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5/8/2020 11:54:42 AM



#62

4-Bromofluorobenzene

Concen: 49.261 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

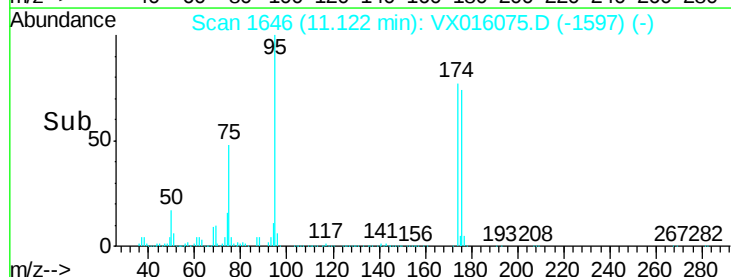
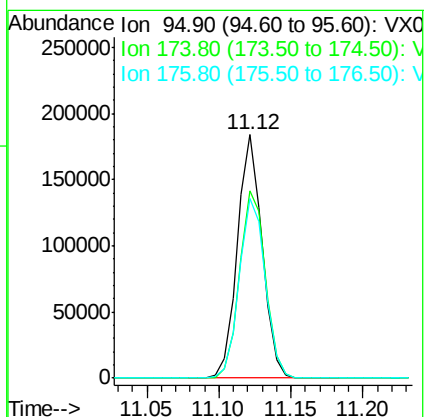
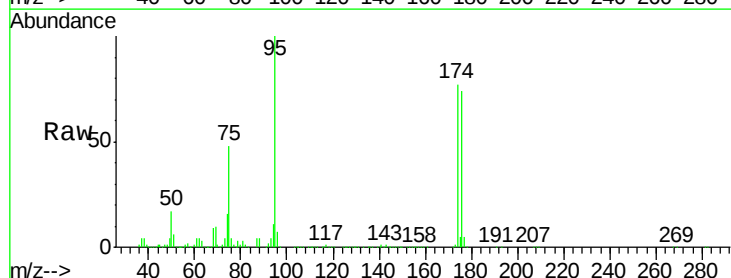
Tgt Ion: 95 Resp: 219725

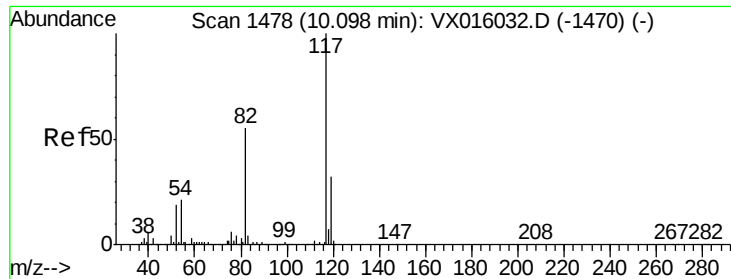
Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.4

176 77.2 0.0 157.6





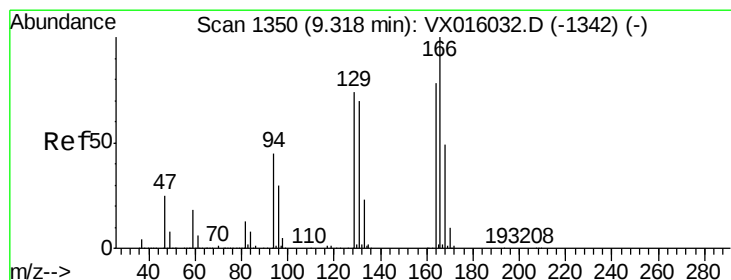
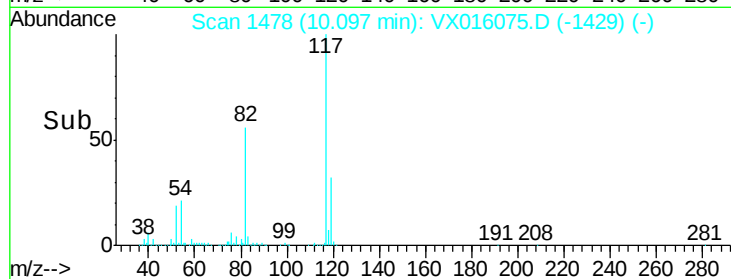
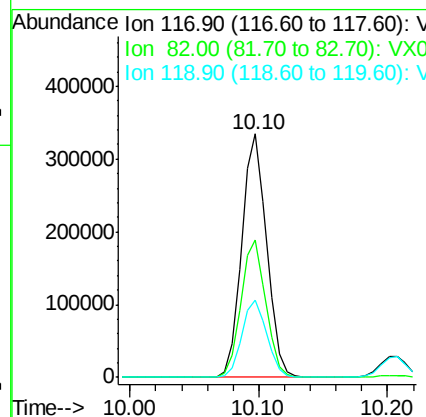
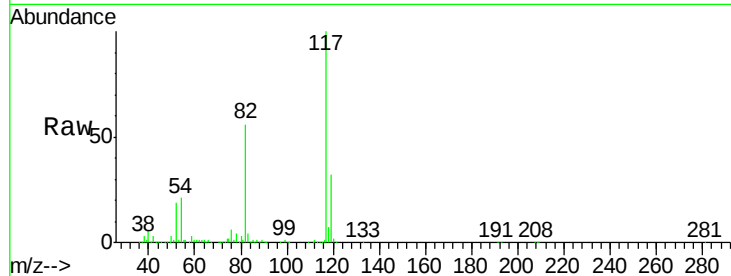
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	447062		
82	56.2		44.4	66.6
119	31.8		25.5	38.3

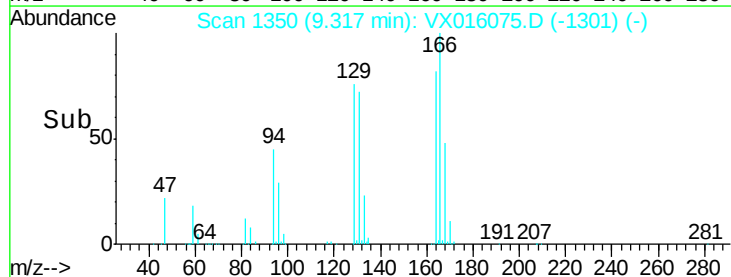
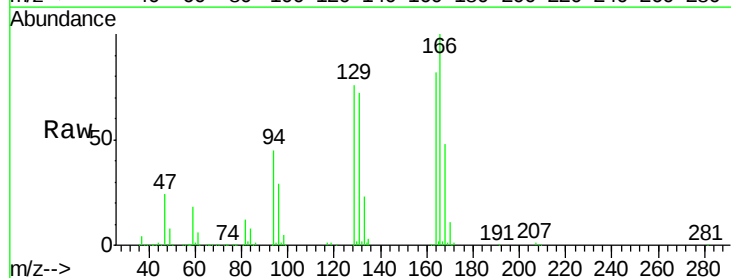
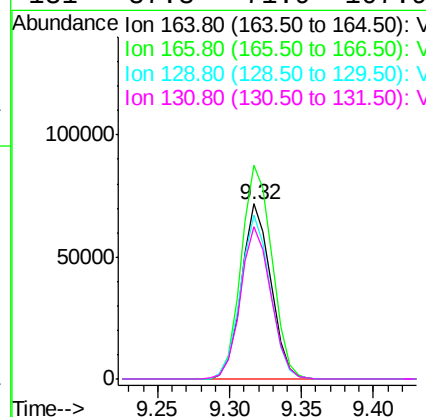
Manual Integrations
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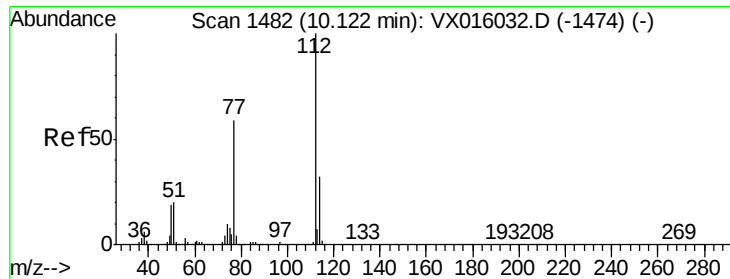
MMDadoda
5/8/2020 11:54:42 AM



#64
Tetrachloroethene
Concen: 18.559 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101856		
166	121.9		102.9	154.3
129	93.2		76.1	114.1
131	87.3		71.9	107.9





#65

Chlorobenzene

Concen: 18.305 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

Tot Ion:112 Resp: 171348

Ion Ratio Lower Upper

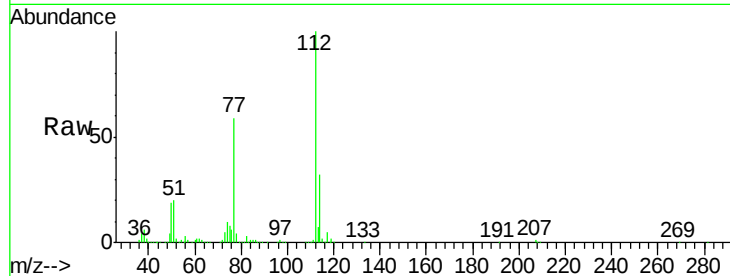
112 100

114 32.2 25.7 38.5

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

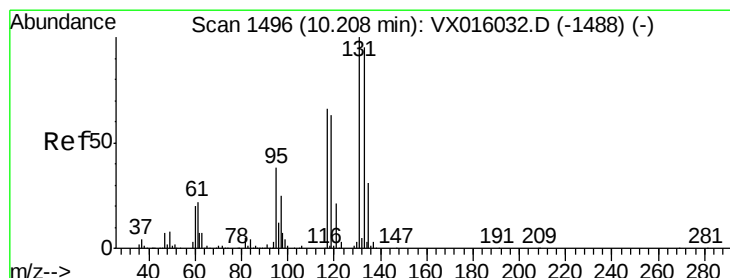
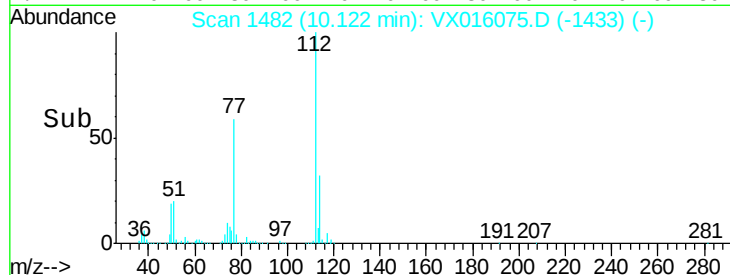
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.408 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

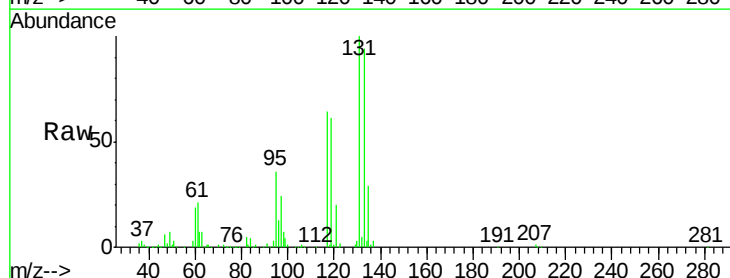
Tgt Ion:131 Resp: 63691

Ion Ratio Lower Upper

131 100

133 94.9 48.3 144.8

119 62.8 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

30000

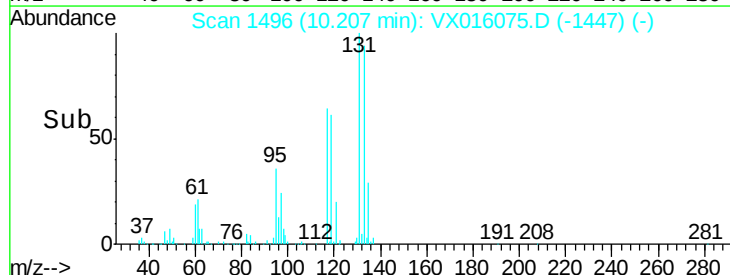
20000

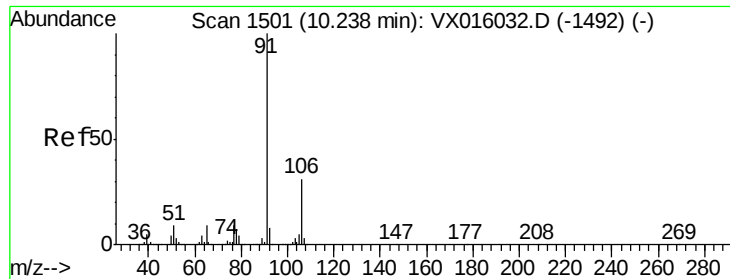
10000

0

10.15 10.20 10.25

Time-->





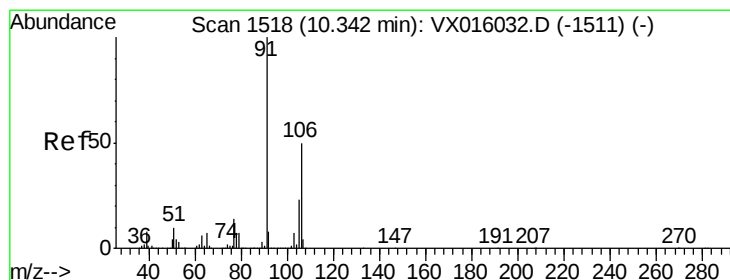
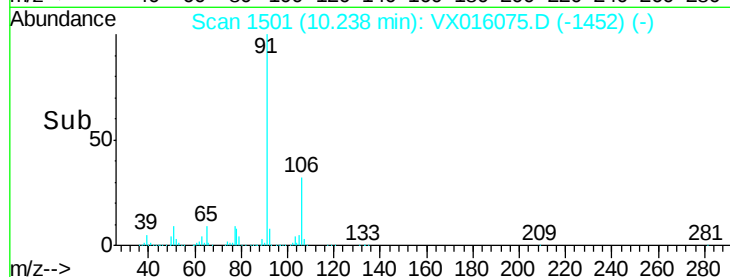
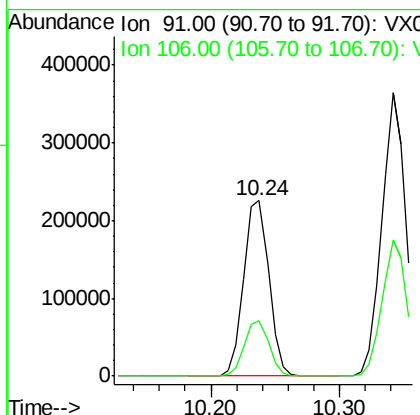
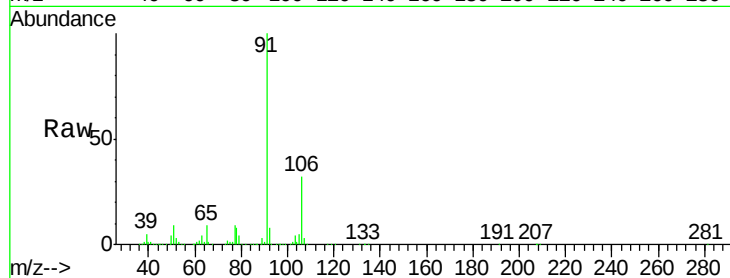
#67
Ethyl Benzene
Concen: 18.264 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

Tot Ion: 91 Resp: 305047
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

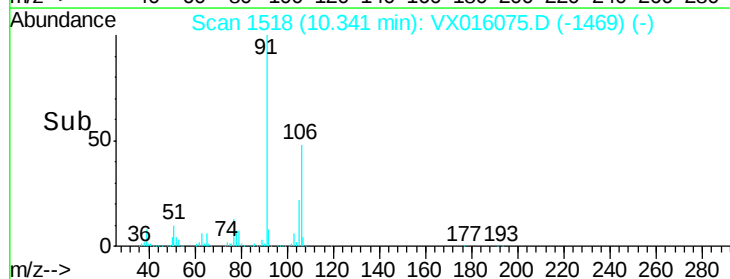
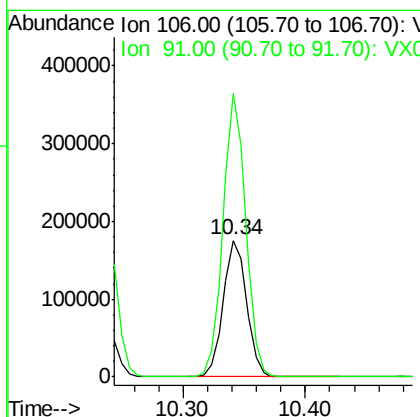
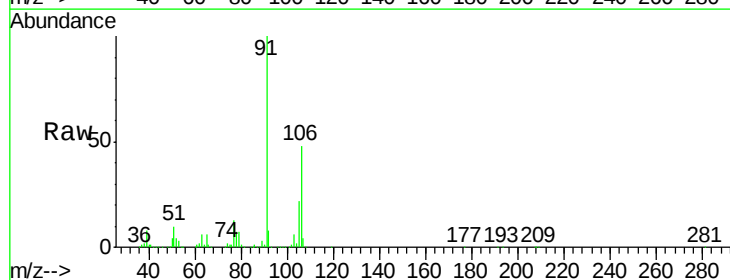
Manual Integrations
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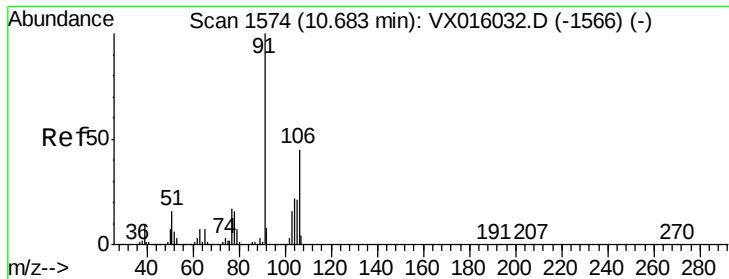
MMDadoda
5/8/2020 11:54:42 AM



#68
m/p-Xylenes
Concen: 37.084 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion: 106 Resp: 232061
Ion Ratio Lower Upper
106 100
91 201.6 161.7 242.5





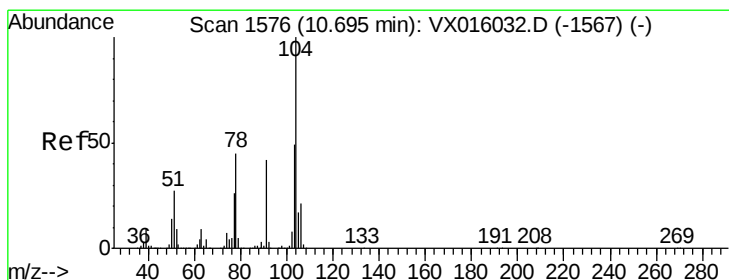
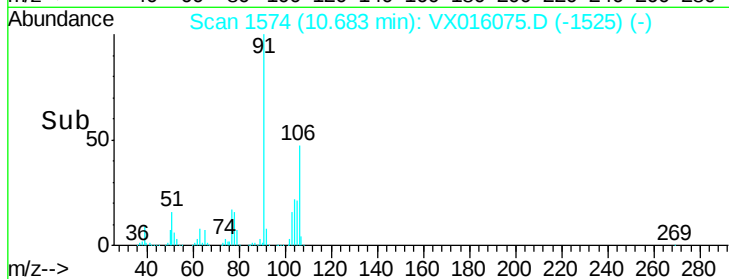
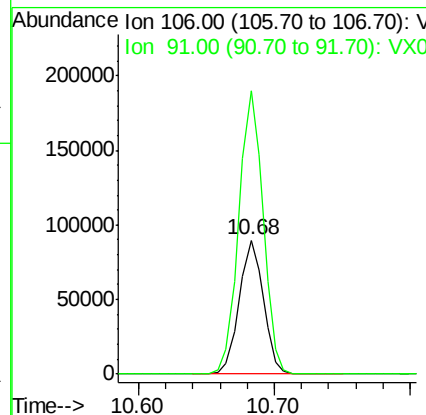
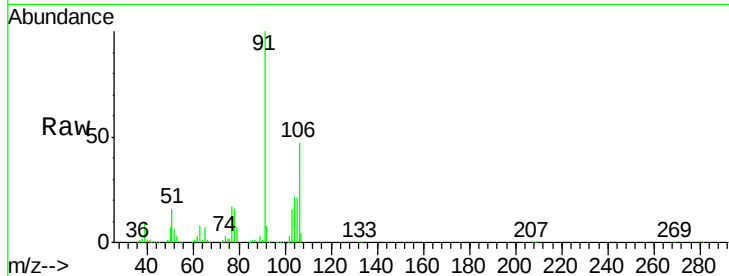
#69
o-Xylene
Concen: 18.473 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.2	107.5	322.6

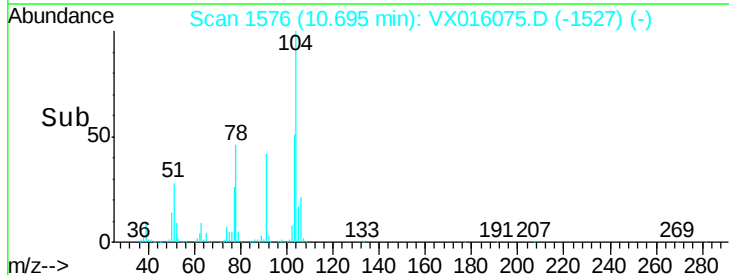
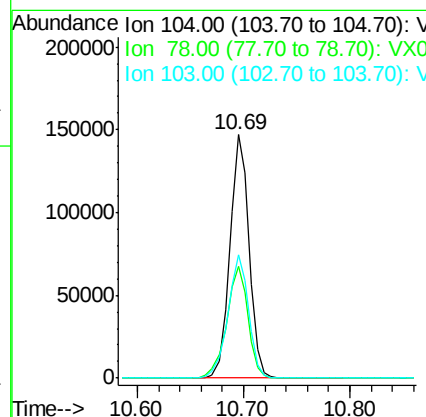
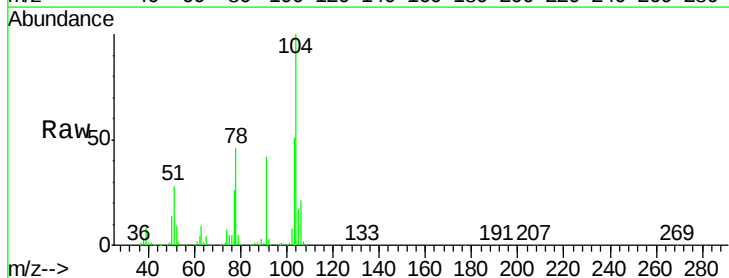
Manual Integrations
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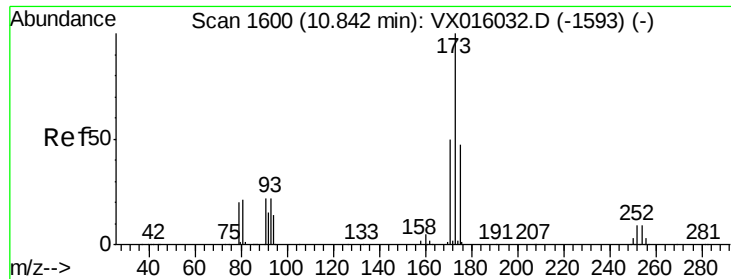
MMDadoda
5/8/2020 11:54:42 AM



#70
Styrene
Concen: 18.156 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.9	40.2	60.2
103	54.7	43.0	64.6





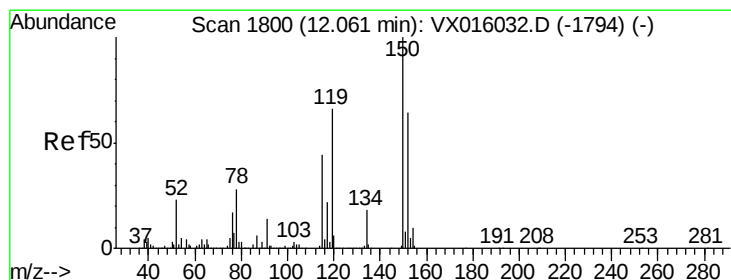
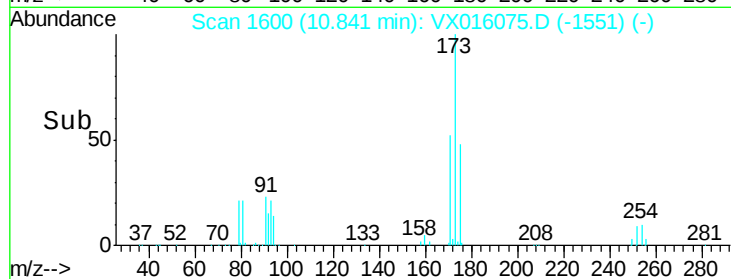
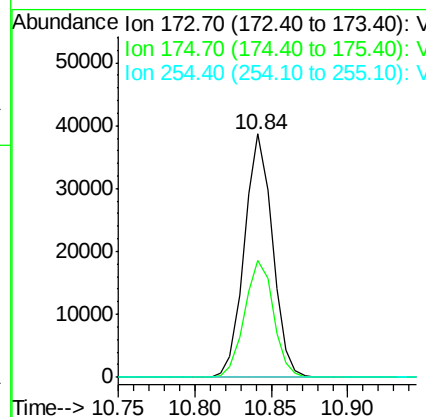
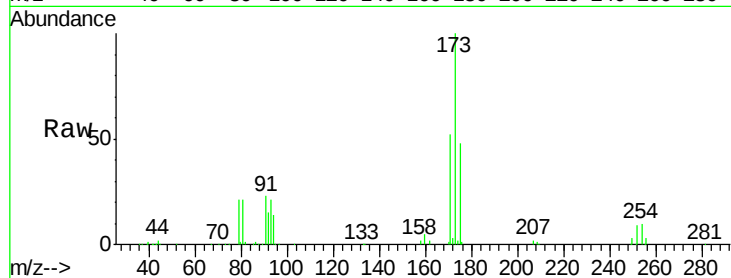
#71
Bromoform
Concen: 17.506 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.0	72.0
254	0.1	0.1	0.1

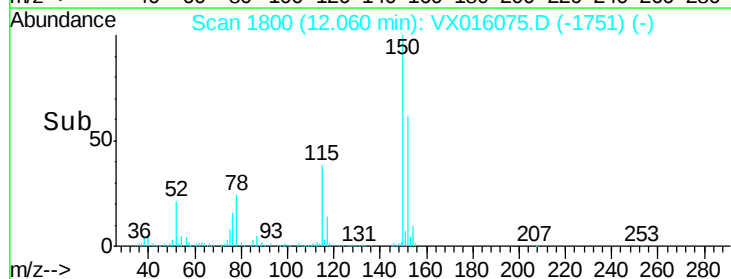
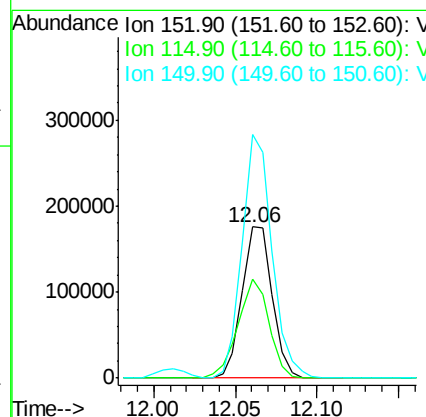
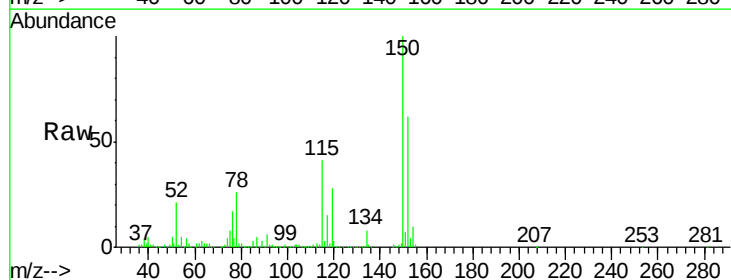
Manual Integrations
APPROVED

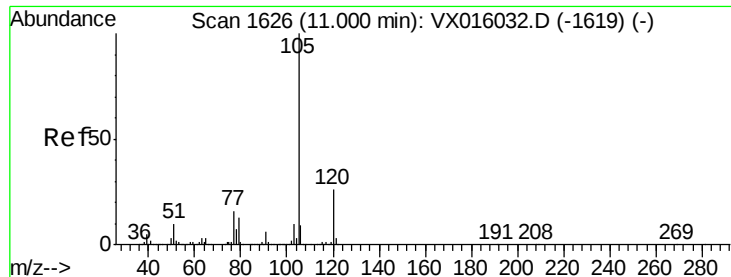
MMDadoda
5/8/2020 11:54:42 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.7	41.3	124.1
150	159.9	0.0	352.2





#73

Isopropylbenzene

Concen: 18.135 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

Tot Ion:105 Resp: 299379

Ion Ratio Lower Upper

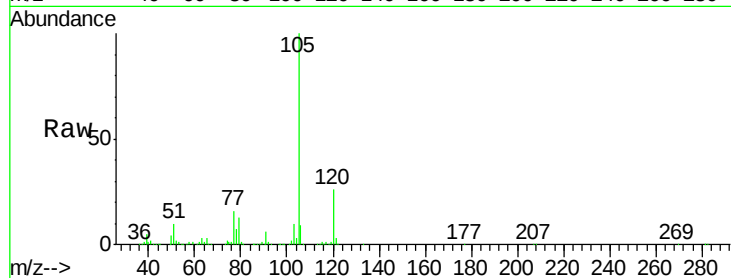
105 100

120 26.9 13.4 40.2

Manual Integrations
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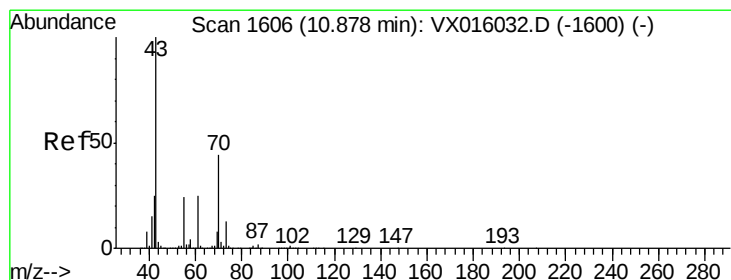
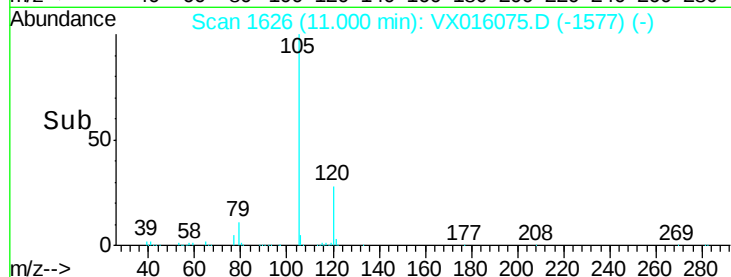
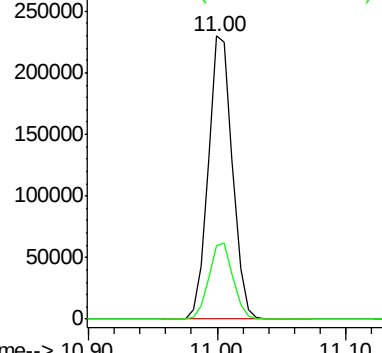
MMDadoda

5/8/2020 11:54:42 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.236 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion: 43 Resp: 132714

Ion Ratio Lower Upper

43 100

70 45.2 36.5 54.7

55 25.0 19.7 29.5

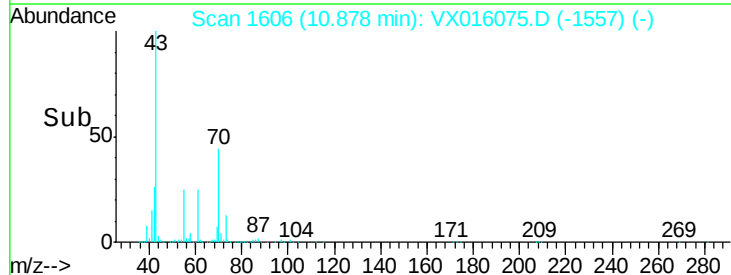
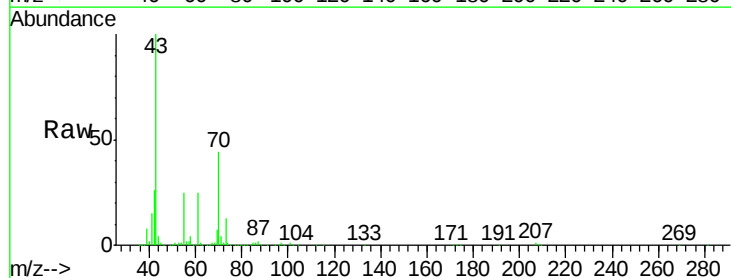
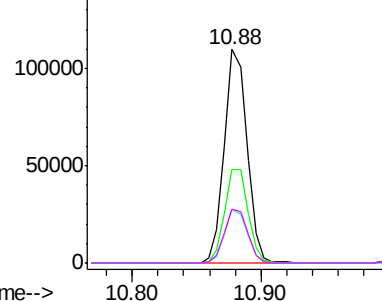
61 25.8 20.9 31.3

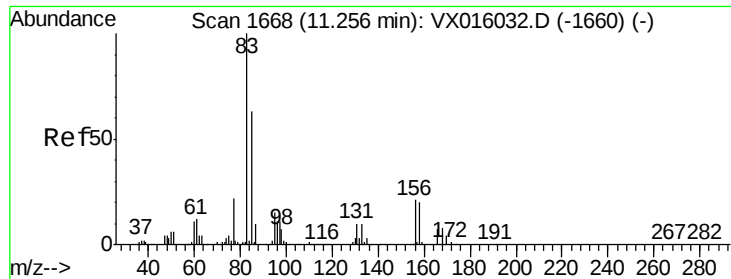
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.507 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

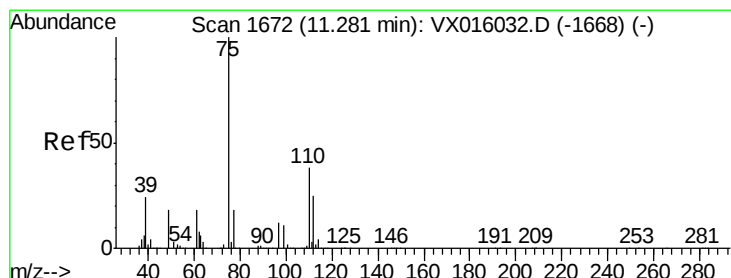
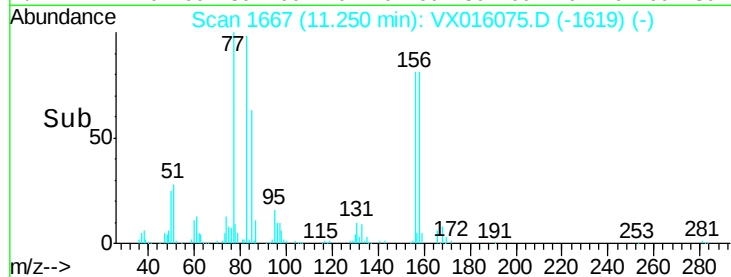
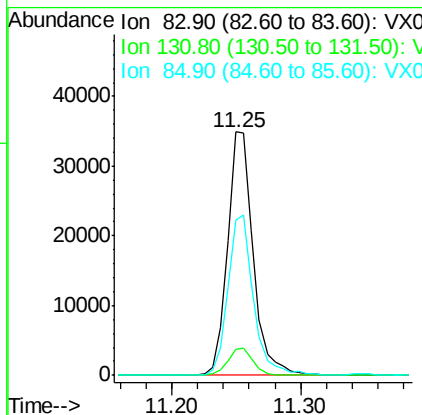
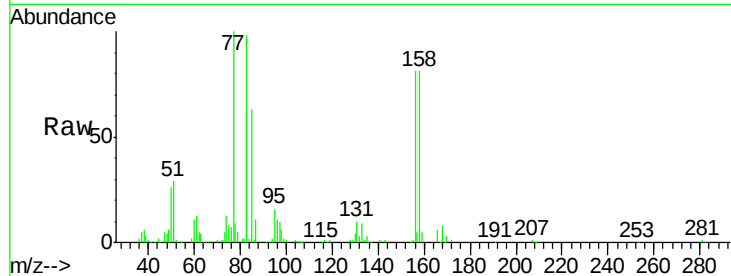
ClientSampleId :

VX0506WBS01

Tot Ion	83	Resp	49033
Ion Ratio	100	Lower	Upper
83	100		
131	11.0	5.1	15.4
85	65.3	32.0	96.0

Manual Integrations
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MMDadoda
5/8/2020 11:54:42 AM



#76

1,2,3-Trichloropropane

Concen: 17.445 ug/l m

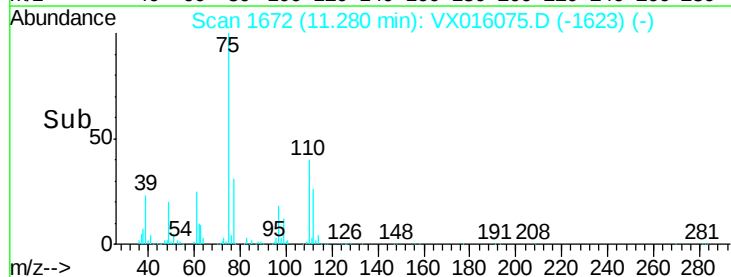
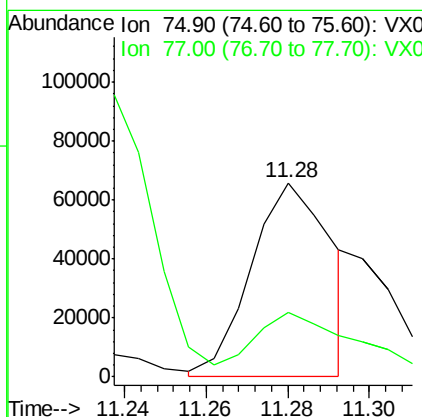
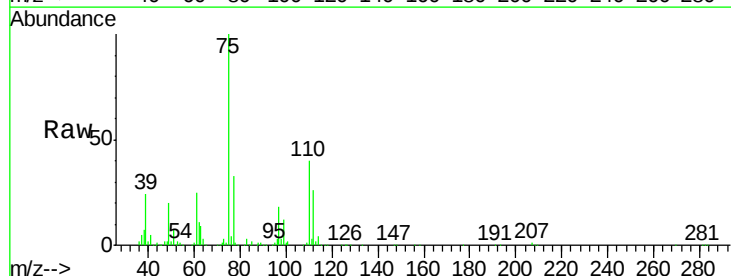
RT: 11.28 min Scan# 1672

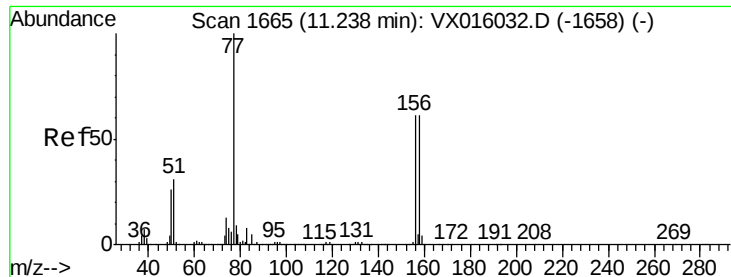
Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion	75	Resp	89848
Ion Ratio	100	Lower	Upper
75	100		
77	43.0	21.2	63.6





#77

Bromobenzene

Concen: 17.307 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

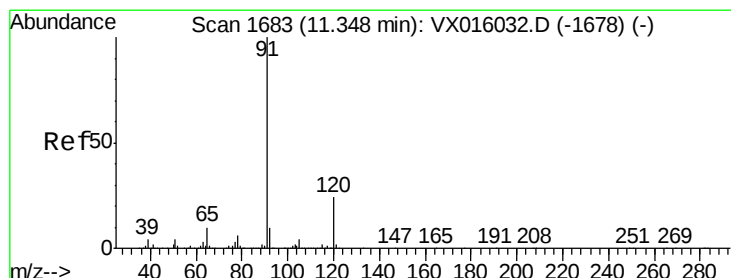
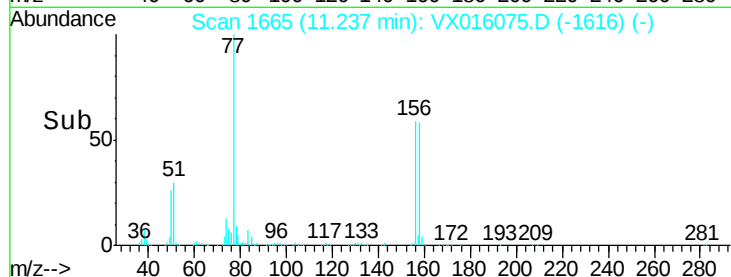
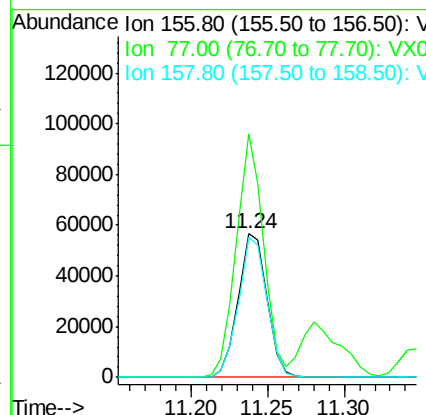
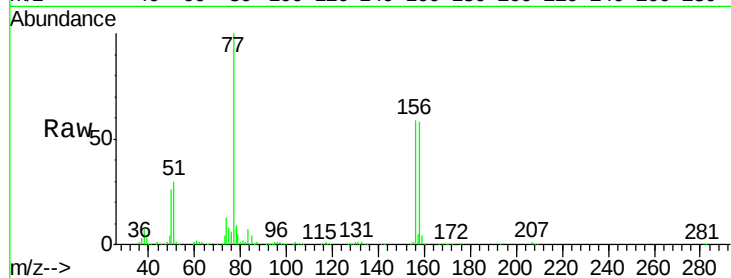
ClientSampled :

VX0506WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.7	80.1	240.3
158	97.1	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 18.021 ug/l

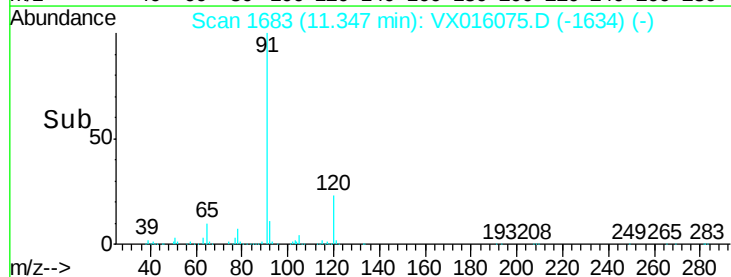
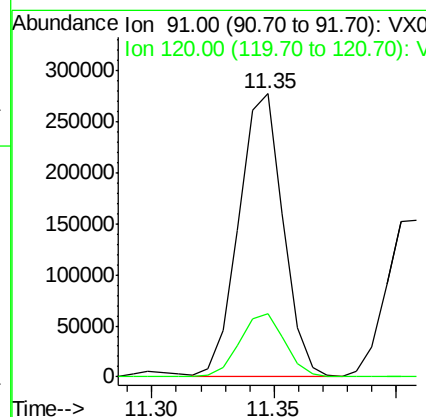
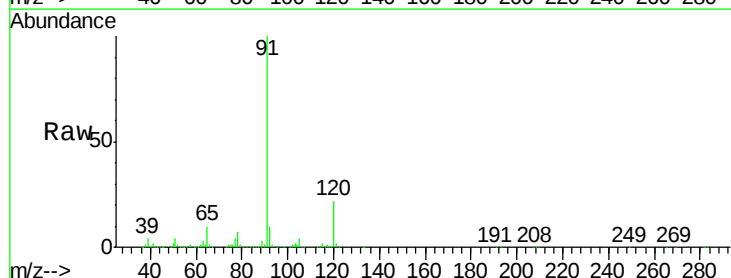
RT: 11.35 min Scan# 1683

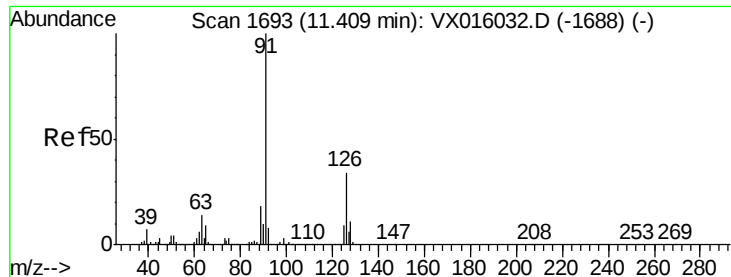
Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.5	34.5





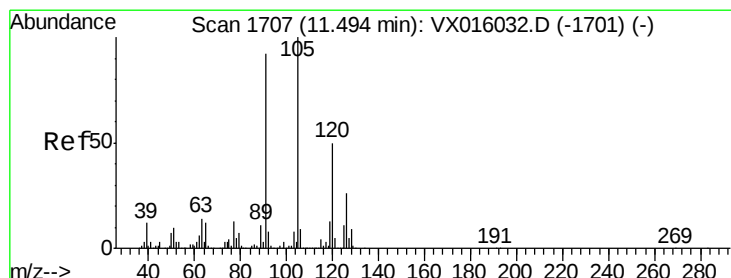
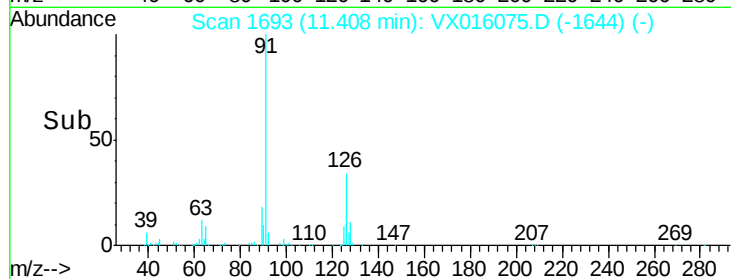
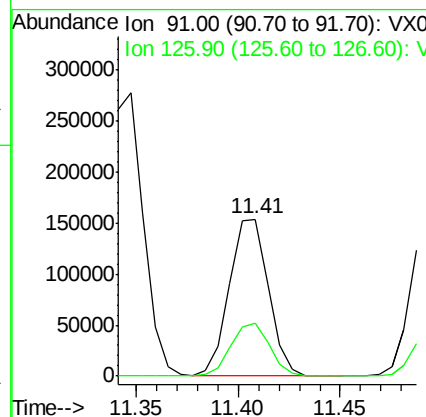
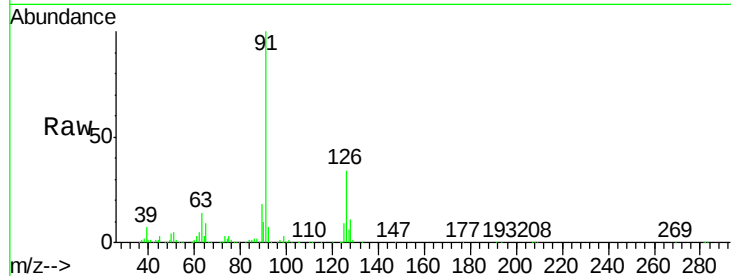
#79
2-Chlorotoluene
Concen: 17.915 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.9	50.6

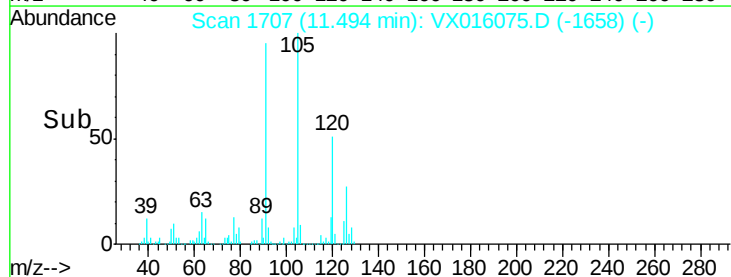
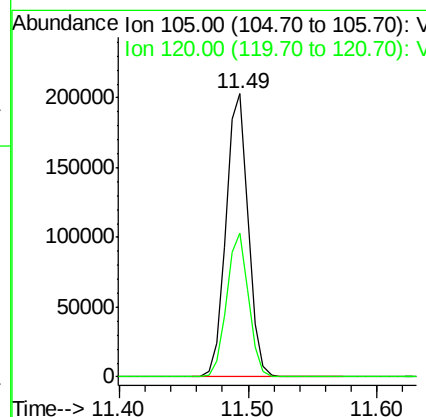
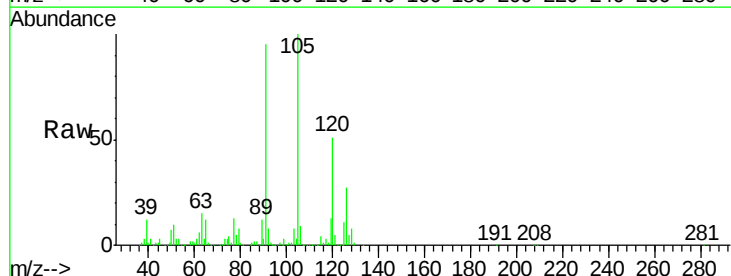
Manual Integrations
APPROVED

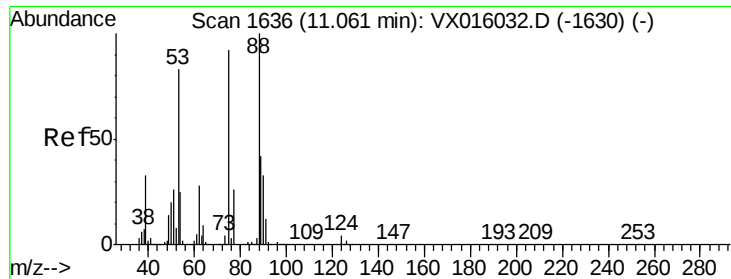
MMDadoda
5/8/2020 11:54:42 AM



#80
1,3,5-Trimethylbenzene
Concen: 17.759 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.6	74.0





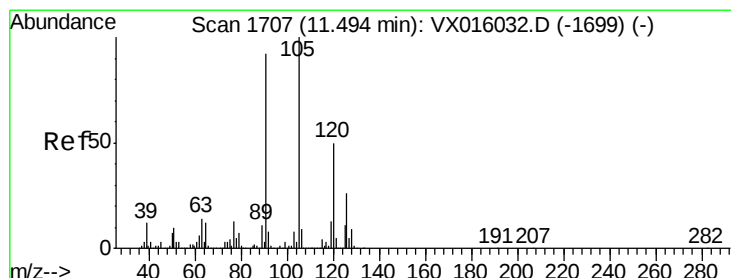
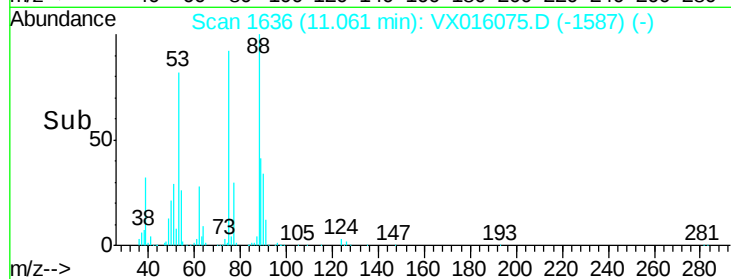
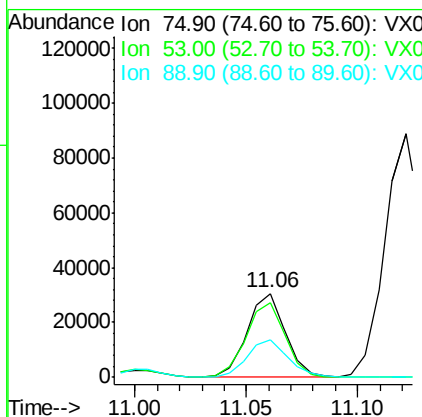
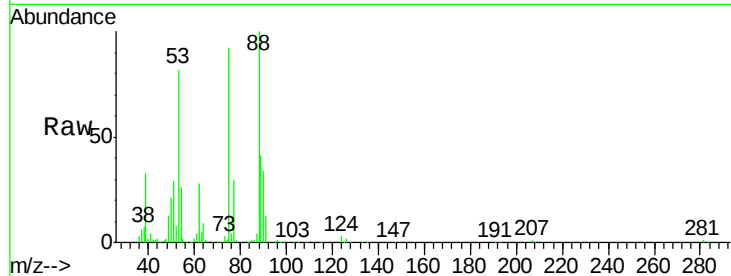
#81
trans-1,4-Dichloro-2-butene
Concen: 16.943 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	73.1	109.7
89	48.3	36.7	55.1

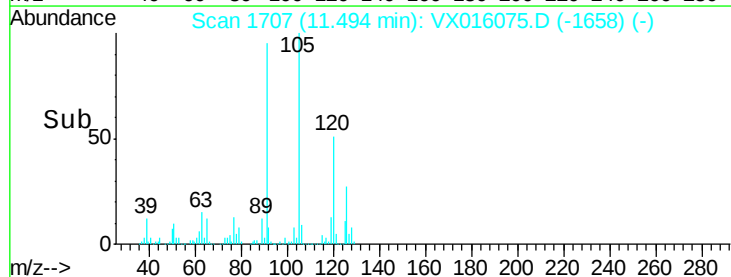
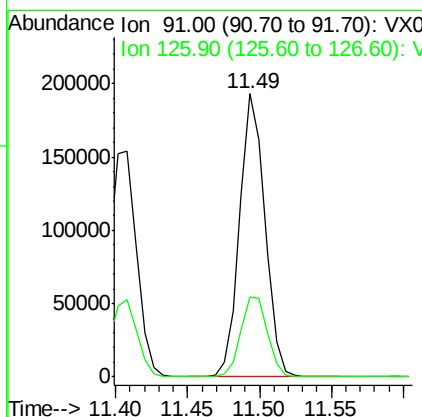
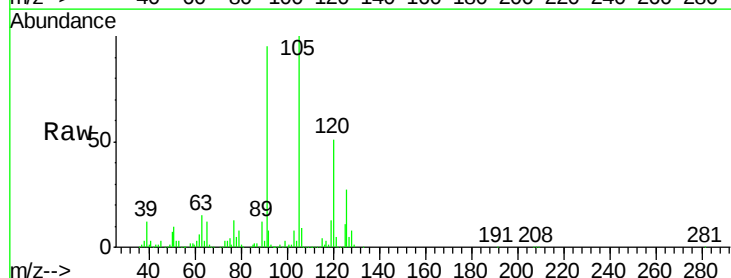
Manual Integrations
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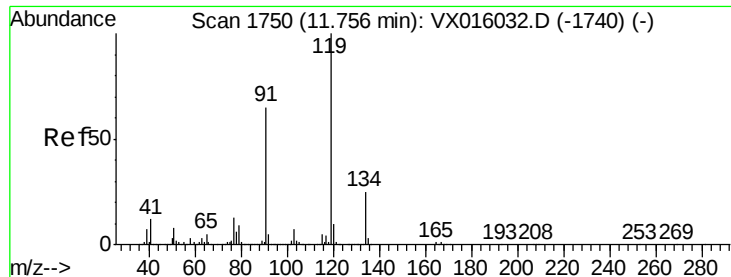
MMDadoda
5/8/2020 11:54:42 AM



#82
4-Chlorotoluene
Concen: 17.633 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.8	44.3





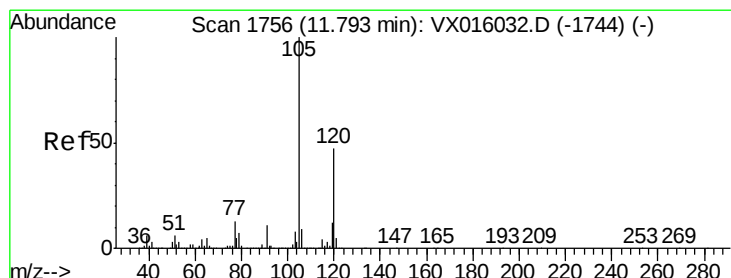
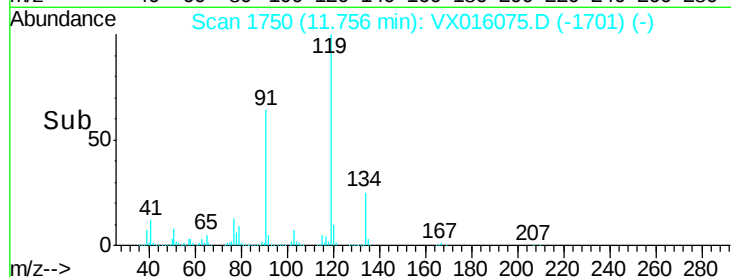
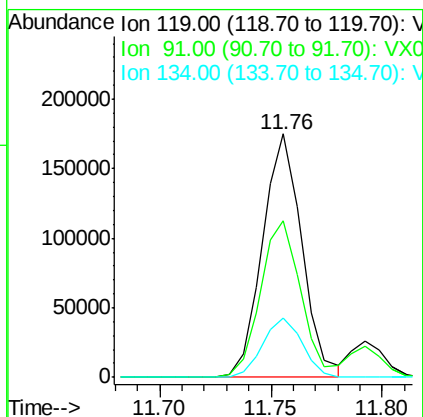
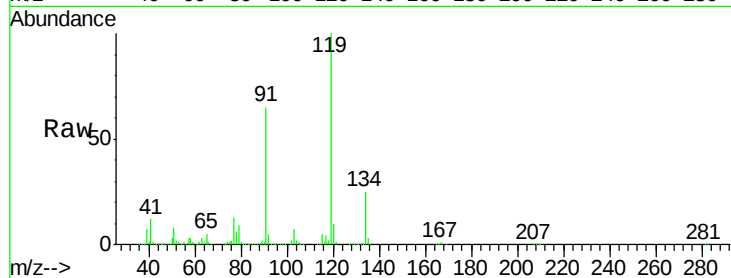
#83
tert-Butylbenzene
Concen: 17.936 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	215440		
91	66.3	32.8	98.4	
134	24.5	12.4	37.0	

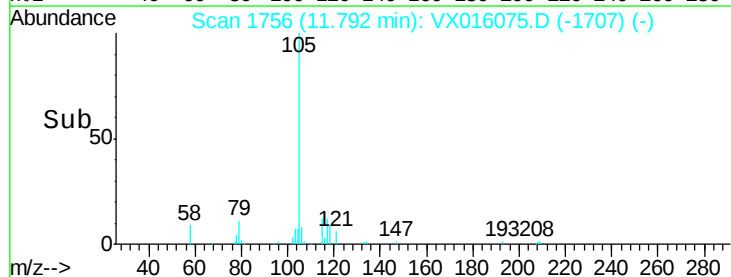
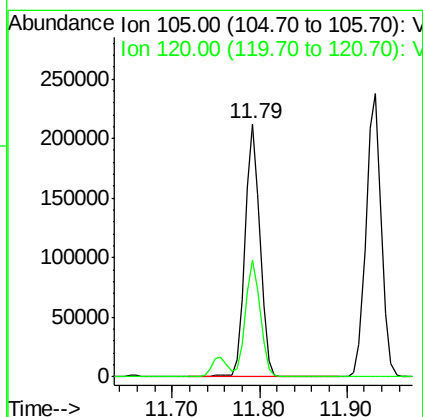
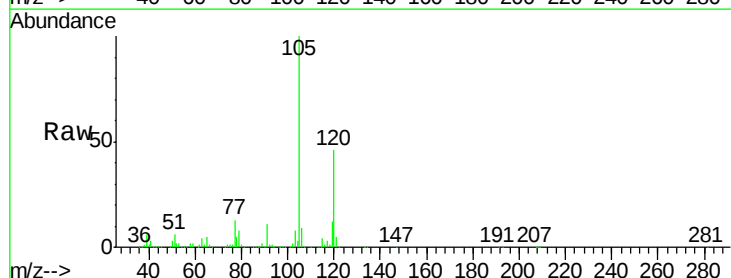
Manual Integrations
APPROVED

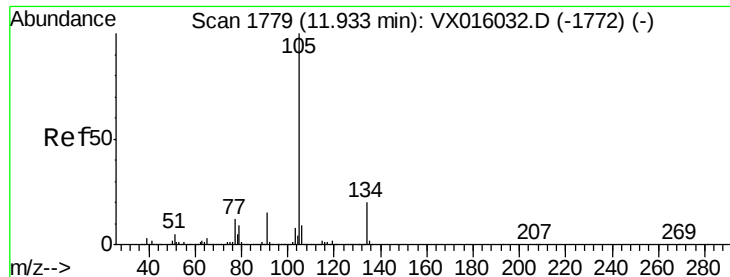
MMDadoda
5/8/2020 11:54:42 AM



#84
1,2,4-Trimethylbenzene
Concen: 17.790 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250692		
120	45.7	23.0	69.0	





#85

sec-Butylbenzene

Concen: 17.872 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

Tot Ion:105 Resp: 289848

Ion Ratio Lower Upper

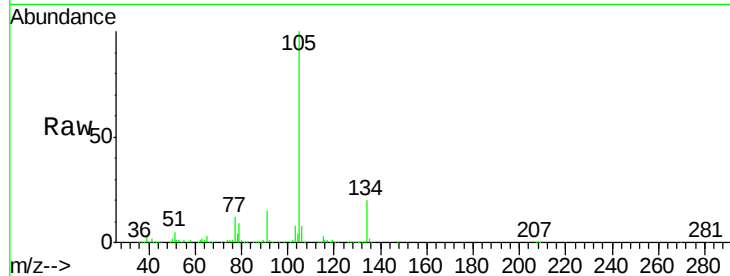
105 100

134 20.2 10.1 30.3

Manual Integrations
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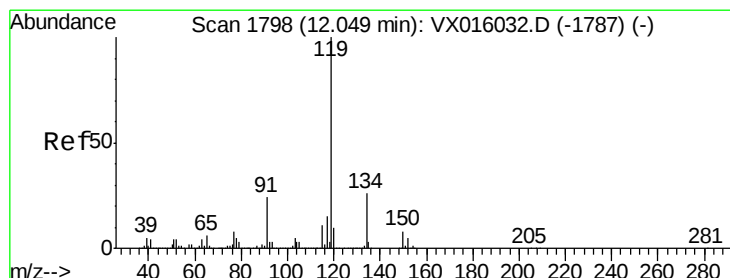
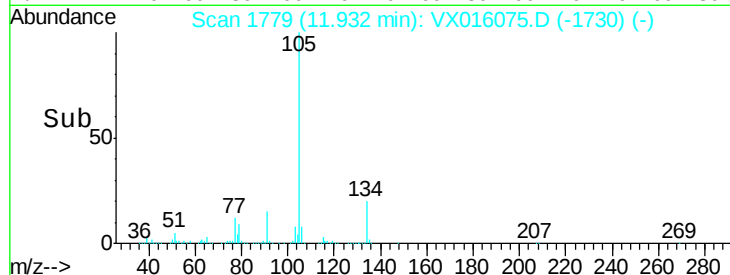
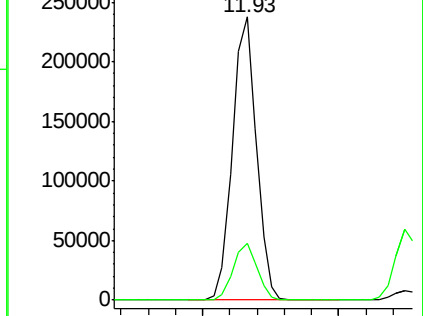
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.891 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016075.D

Acq: 06 May 2020 11:50

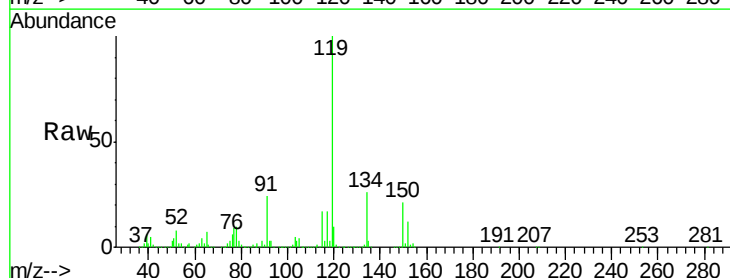
Tgt Ion:119 Resp: 269394

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

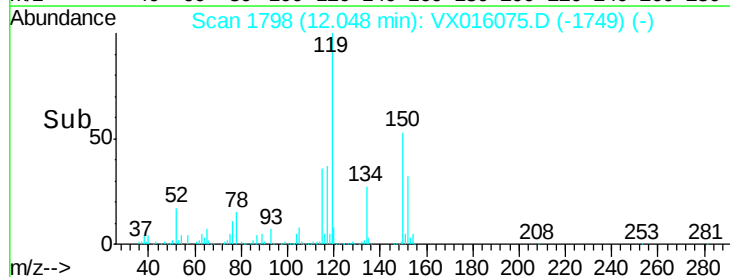
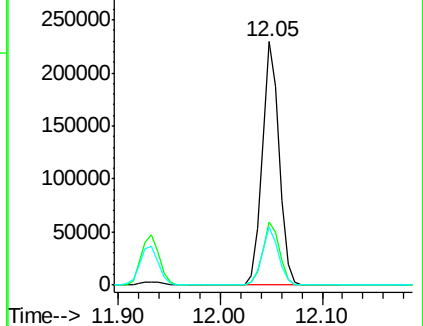
91 23.4 11.8 35.4

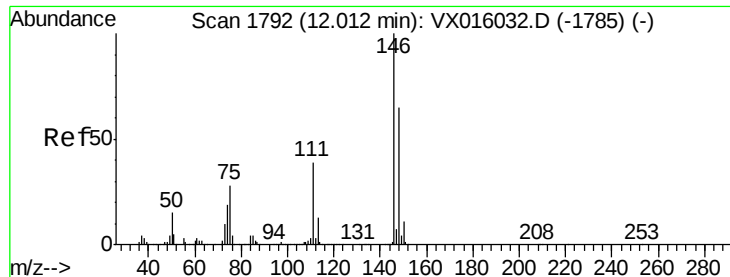


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





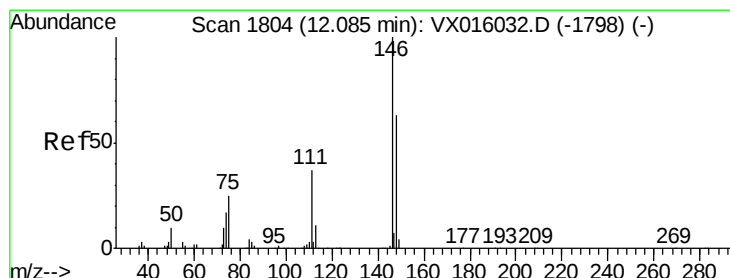
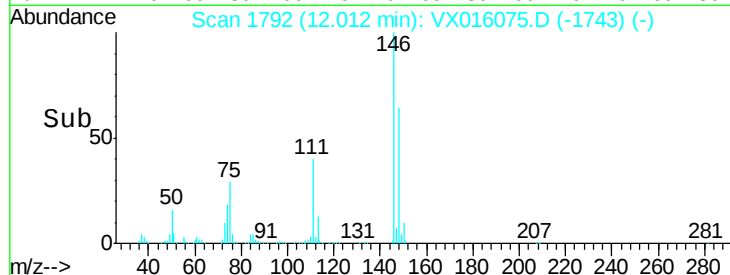
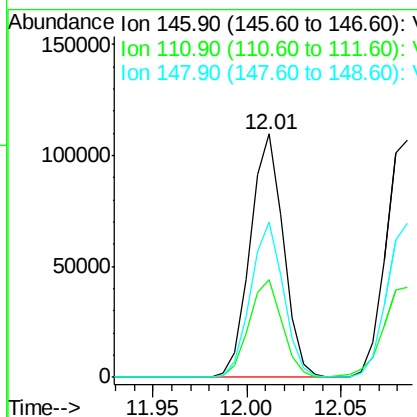
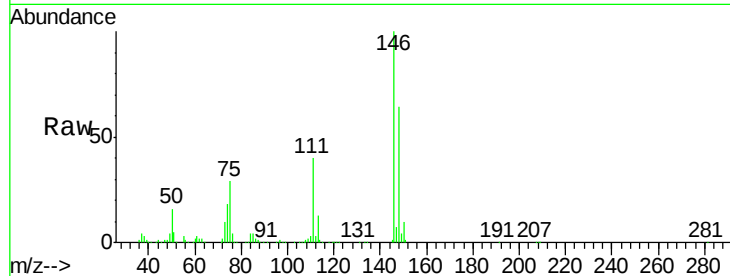
#87
 1,3-Dichlorobenzene
 Concen: 17.512 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0506WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	63.0	32.1	96.3

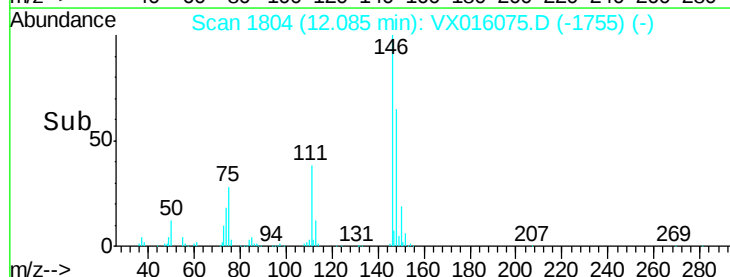
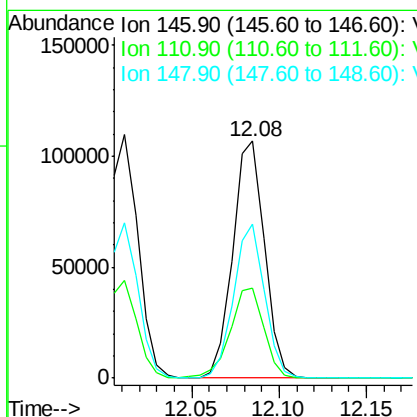
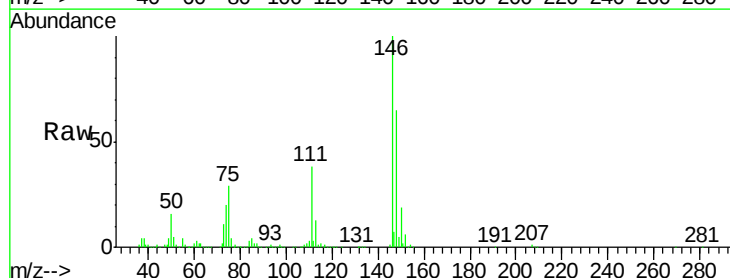
Manual Integrations
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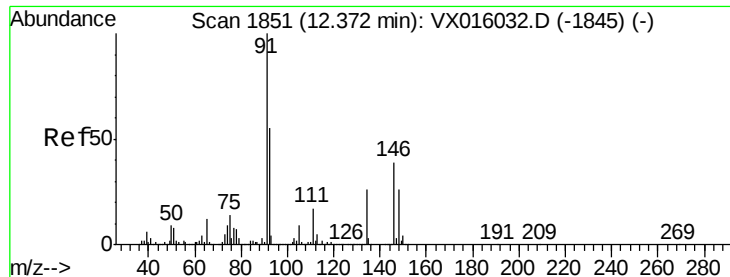
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 5/8/2020 11:54:42 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.363 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	63.6	31.8	95.3





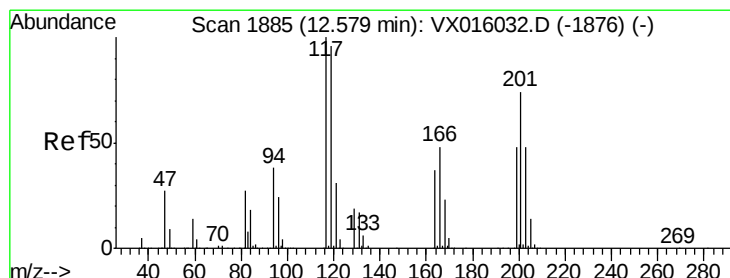
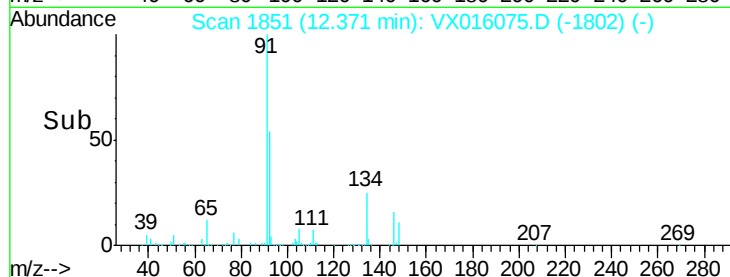
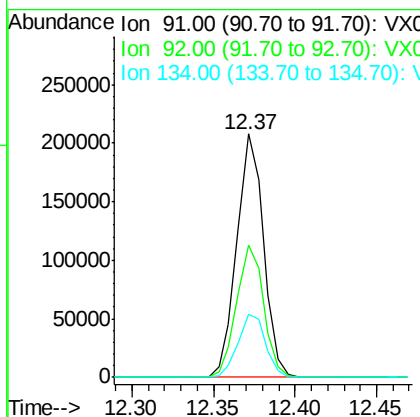
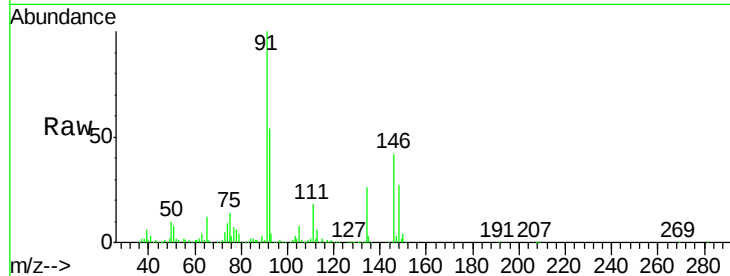
#89
n-Butylbenzene
Concen: 17.338 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	26.7	13.4	40.1

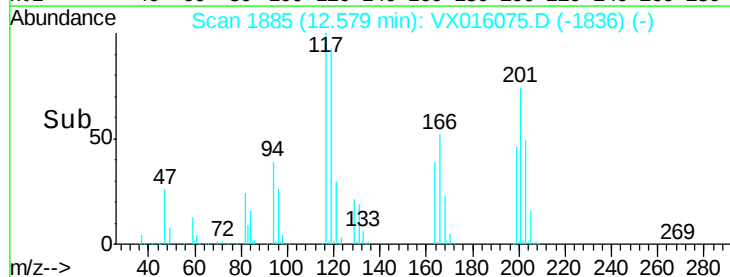
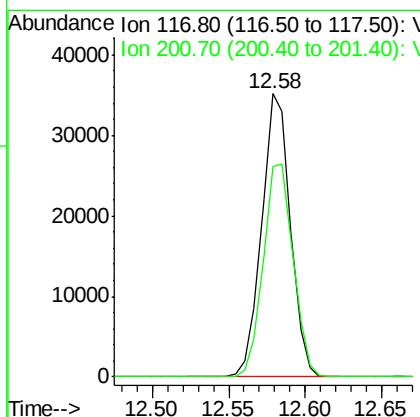
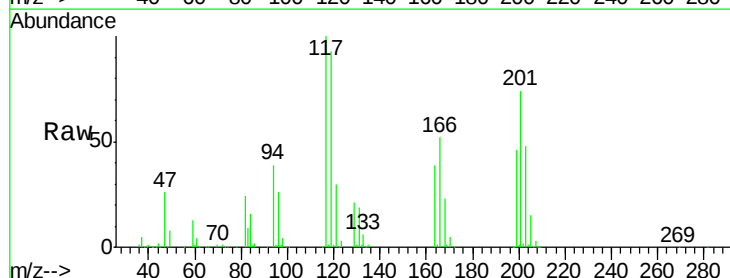
Manual Integrations
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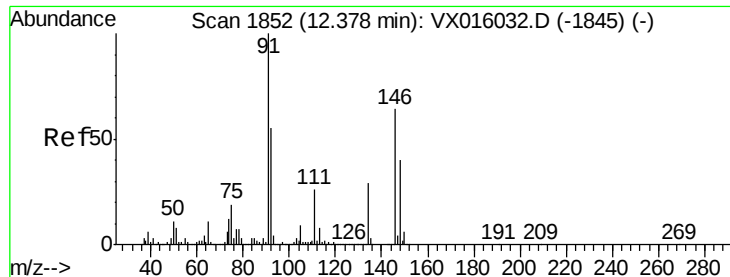
MMDadoda
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#90
Hexachloroethane
Concen: 17.798 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	39.8	119.3





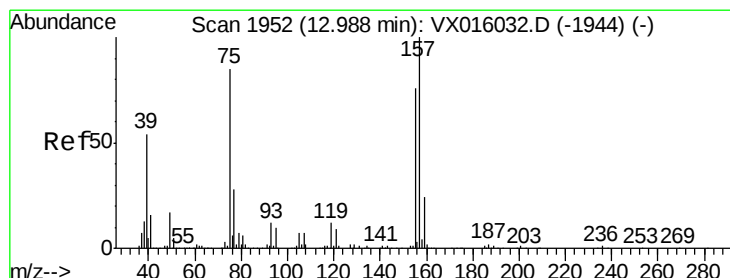
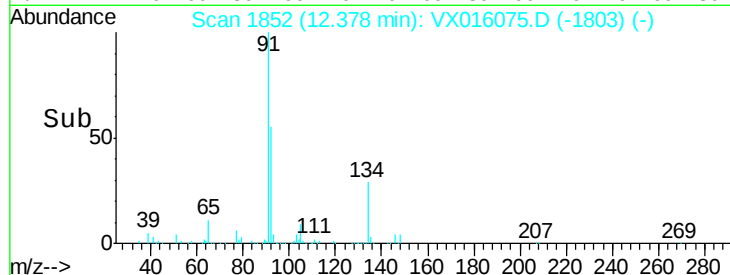
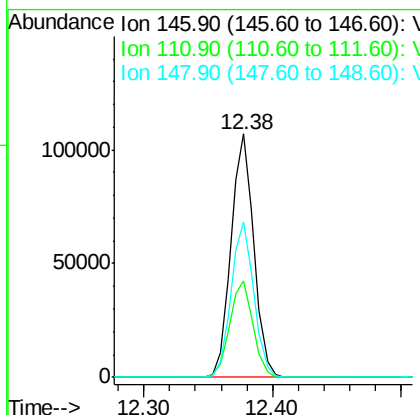
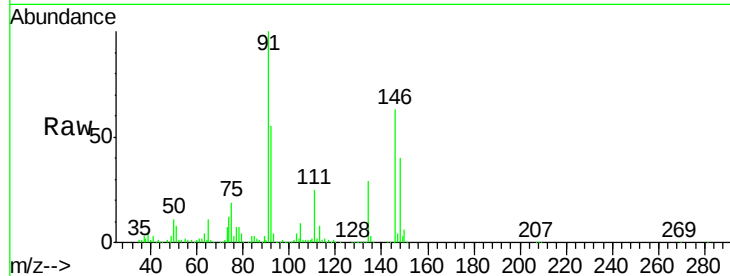
#91
 1,2-Dichlorobenzene
 Concen: 17.978 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.4	21.1	63.1	
148	63.5	32.4	97.0	

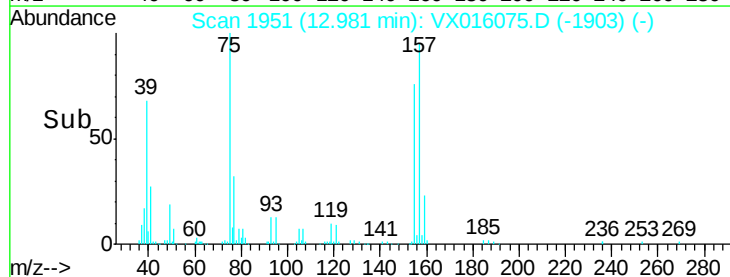
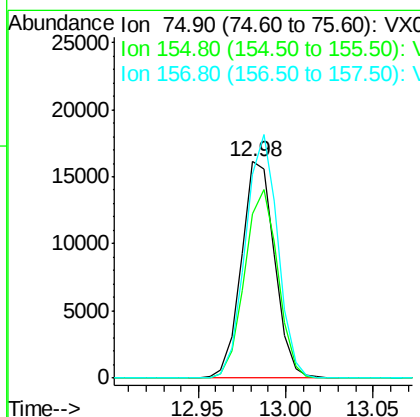
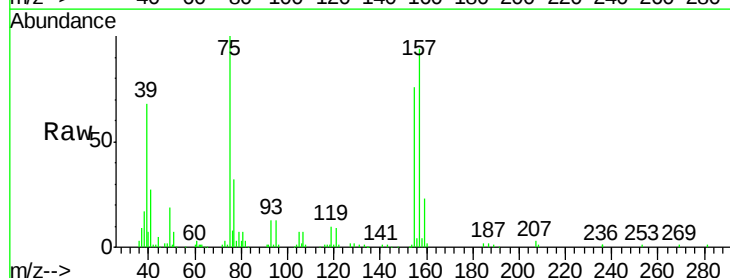
Manual Integrations
 APPROVED

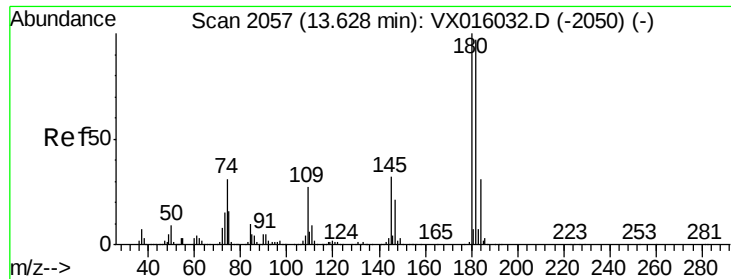
MMDadoda
 5/8/2020 11:54:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.688 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016075.D
 Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	86.5	42.5	127.5	
157	109.1	55.3	165.8	





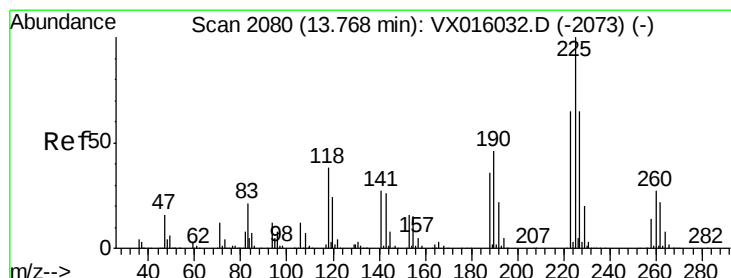
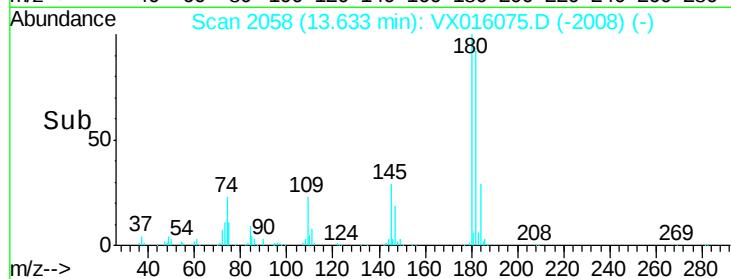
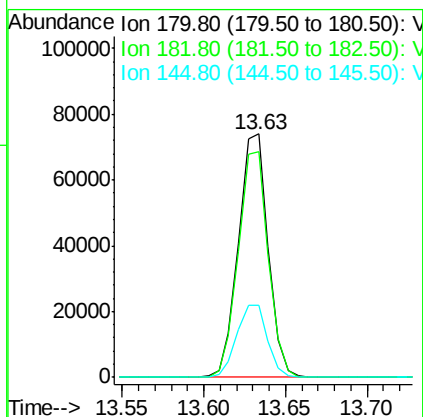
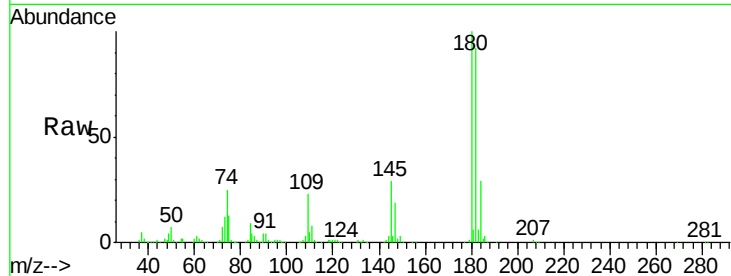
#93
1,2,4-Trichlorobenzene
Concen: 17.207 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	93849		
182	94.2	48.7	146.1	
145	30.6	15.7	47.1	

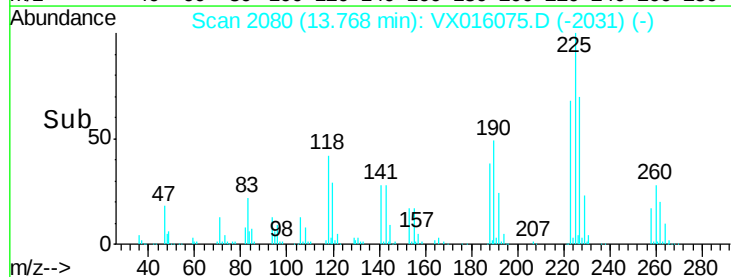
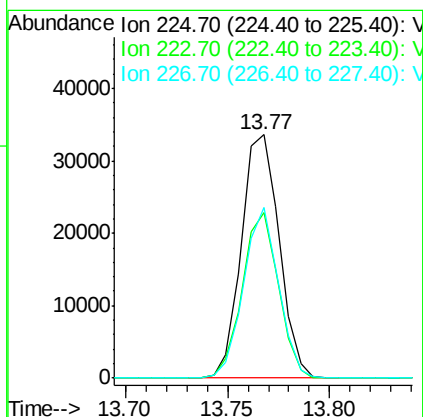
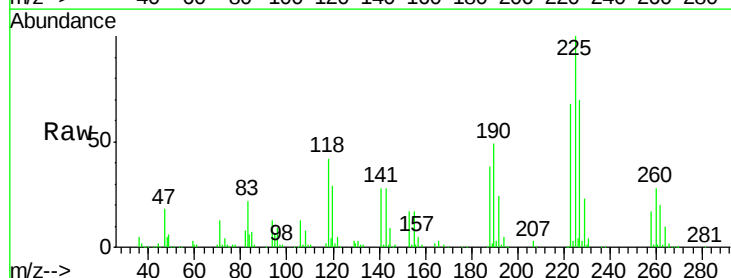
Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:54:42 AM



#94
Hexachlorobutadiene
Concen: 18.726 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43203		
223	65.2	32.3	96.9	
227	64.7	31.8	95.4	





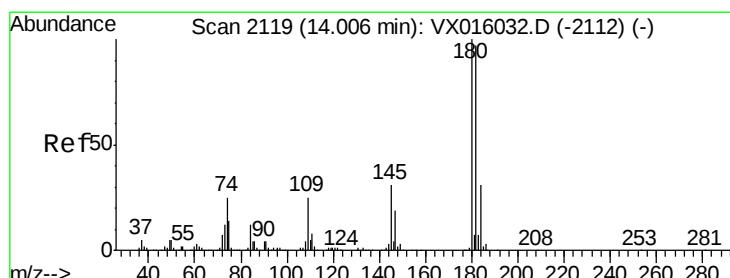
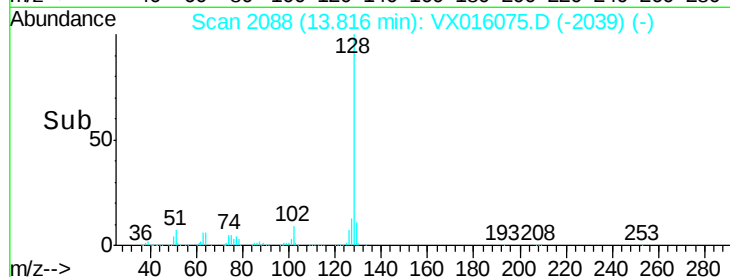
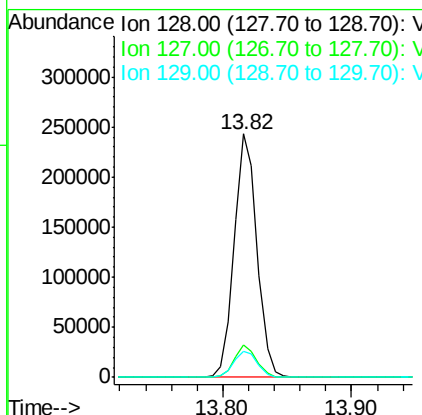
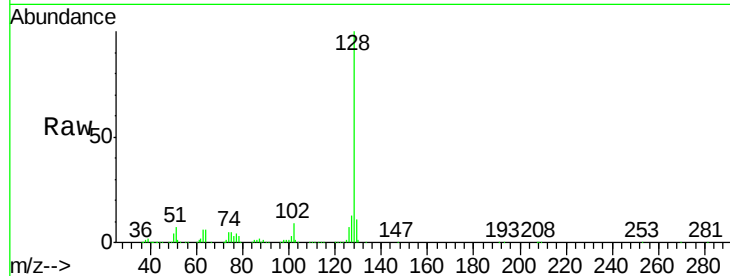
#95
Naphthalene
Concen: 16.952 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	299383		
127	12.8	10.2	15.4	
129	11.1	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:54:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.281 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016075.D
Acq: 06 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	92115		
182	95.7	48.4	145.0	
145	32.2	16.4	49.1	

