

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016378.D
 Acq On : 21 May 2020 13:03
 Operator : JC/SP
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 4:02:55 PM

Quant Time: May 22 08:26:57 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	5.62	168	258655	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	411027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184815	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150876	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
35) Dibromofluoromethane	5.46	113	128097	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.70	98	493050	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.12	95	186046	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	47448	17.331	ug/l	97
3) Chloromethane	1.31	50	50417	15.857	ug/l	98
4) Vinyl Chloride	1.39	62	57940	17.080	ug/l	100
5) Bromomethane	1.63	94	33130	19.372	ug/l	100
6) Chloroethane	1.71	64	34910	16.914	ug/l	98
7) Trichlorofluoromethane	1.92	101	78106	17.538	ug/l	98
8) Diethyl Ether	2.17	74	31568	16.824	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44286	17.236	ug/l	98
10) Methyl Iodide	2.49	142	36226	10.497	ug/l	99
11) Tert butyl alcohol	3.00	59	62195	72.262	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46837	17.420	ug/l	98
13) Acrolein	2.27	56	44222	82.107	ug/l	98
14) Allyl chloride	2.70	41	77532	15.727	ug/l	94
15) Acrylonitrile	3.11	53	144317	80.827	ug/l	99
16) Acetone	2.42	43	112343	73.975	ug/l	93
17) Carbon Disulfide	2.55	76	130650	16.040	ug/l	99
18) Methyl Acetate	2.75	43	59891	16.039	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	164450	17.742	ug/l	99
20) Methylene Chloride	2.83	84	53856	17.202	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	51777	17.281	ug/l	95
22) Diisopropyl ether	3.82	45	155805	16.752	ug/l	98
23) Vinyl Acetate	3.78	43	667251	81.545	ug/l	97
24) 1,1-Dichloroethane	3.67	63	90869	17.466	ug/l	98
25) 2-Butanone	4.63	43	190118	77.688	ug/l	96
26) 2,2-Dichloropropane	4.55	77	82867	17.440	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	59254	18.089	ug/l	95
28) Bromochloromethane	4.98	49	37994	16.015	ug/l	91
29) Tetrahydrofuran	5.09	42	125016	77.098	ug/l	93
30) Chloroform	5.17	83	93391	18.028	ug/l	98
31) Cyclohexane	5.55	56	80026	16.925	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	83865	17.811	ug/l	98
36) 1,1-Dichloropropene	5.76	75	69225	17.110	ug/l	99
37) Ethyl Acetate	4.79	43	73719	15.720	ug/l	97
38) Carbon Tetrachloride	5.75	117	74030	18.001	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	77495	15.905	ug/l	97
40) Benzene	6.11	78	215376	18.193	ug/l	100
41) Methacrylonitrile	5.00	41	39687	15.671	ug/l	95
42) 1,2-Dichloroethane	6.16	62	72531	17.008	ug/l	98
43) Isopropyl Acetate	6.41	43	119538	15.976	ug/l	96
44) Trichloroethene	7.19	130	69712	16.575	ug/l	97
45) 1,2-Dichloropropane	7.49	63	54569	18.217	ug/l	98
46) Dibromomethane	7.63	93	36047	17.708	ug/l	97
47) Bromodichloromethane	7.87	83	74529	17.976	ug/l	97
48) Methyl methacrylate	7.74	41	55567	15.673	ug/l	93
49) 1,4-Dioxane	7.71	88	25205	296.424	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	371128	81.057	ug/l	96
52) Toluene	8.76	92	139308	18.879	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86222	17.442	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92903	17.993	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	54055	18.619	ug/l	98
56) Ethyl methacrylate	9.16	69	85555	18.054	ug/l	90
57) 1,3-Dichloropropane	9.35	76	93711	18.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	204412	81.023	ug/l	98
59) 2-Hexanone	9.47	43	285044	79.274	ug/l	95
60) Dibromochloromethane	9.57	129	59364	18.566	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57306	18.223	ug/l	100
64) Tetrachloroethene	9.32	164	78899	17.267	ug/l	96
65) Chlorobenzene	10.12	112	147065	18.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	54514	18.925	ug/l	99
67) Ethyl Benzene	10.23	91	258312	18.576	ug/l	100
68) m/p-Xylenes	10.34	106	198775	38.153	ug/l	99
69) o-Xylene	10.68	106	95178	19.005	ug/l	98
70) Styrene	10.70	104	158820	18.693	ug/l	99
71) Bromoform	10.84	173	43697	18.619	ug/l #	100
73) Isopropylbenzene	11.00	105	247882	18.440	ug/l	99
74) N-amyl acetate	10.88	43	100922	16.096	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	58921	24.542	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76329m	18.200	ug/l	
77) Bromobenzene	11.24	156	62637	18.053	ug/l	98
78) n-propylbenzene	11.34	91	274983	17.584	ug/l	99
79) 2-Chlorotoluene	11.40	91	167607	18.157	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	206141	18.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	29301	16.650	ug/l	96
82) 4-Chlorotoluene	11.49	91	195407	17.927	ug/l	99
83) tert-Butylbenzene	11.76	119	173353	17.723	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	207964	18.124	ug/l	100
85) sec-Butylbenzene	11.93	105	213505	16.167	ug/l	100
86) p-Isopropyltoluene	12.05	119	201482	16.432	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	108316	17.386	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	112639	17.813	ug/l	99
89) n-Butylbenzene	12.37	91	163822	14.625	ug/l	99
90) Hexachloroethane	12.58	117	34331	16.303	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	108320	18.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17754	16.062	ug/l	95

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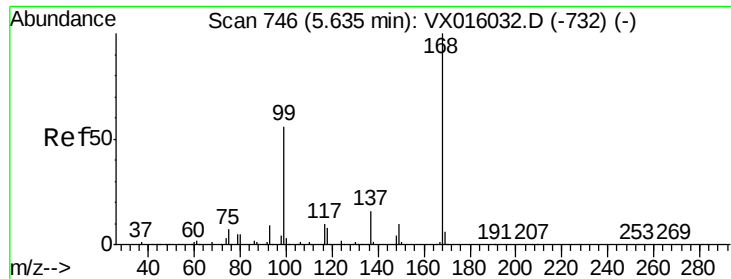
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67620	15.225	ug/l	100
94) Hexachlorobutadiene	13.76	225	25798	13.872	ug/l	99
95) Naphthalene	13.82	128	235959	16.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	64561	14.874	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion:168 Resp: 258655

Ion Ratio Lower Upper

168 100

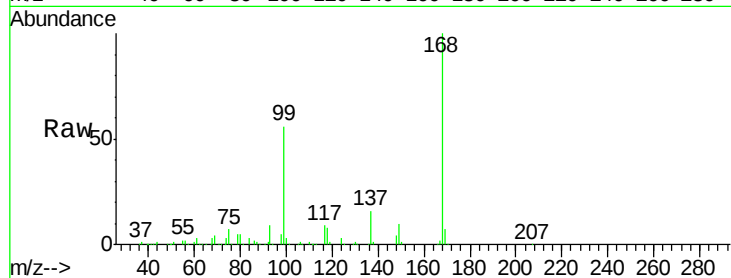
99 56.1 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

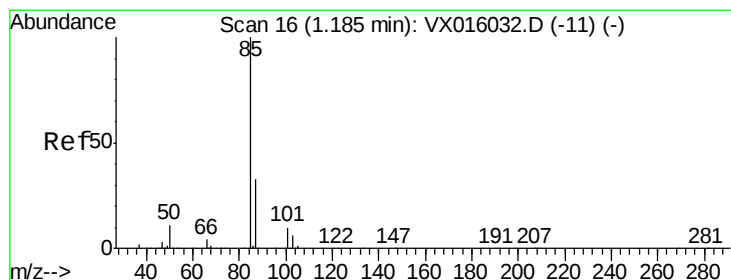
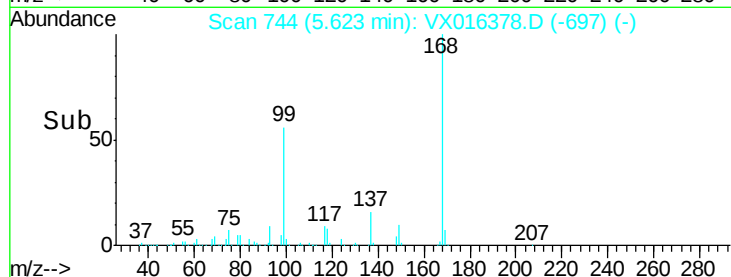
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.331 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016378.D

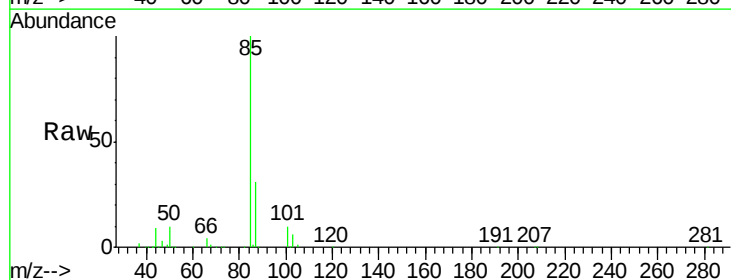
Acq: 21 May 2020 13:03

Tgt Ion: 85 Resp: 47448

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

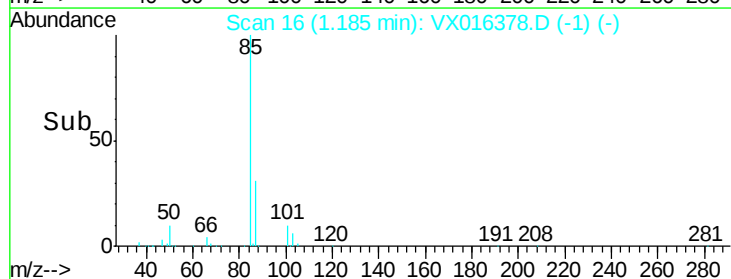
20000

10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 15.857 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 50 Resp: 50417

Ion Ratio Lower Upper

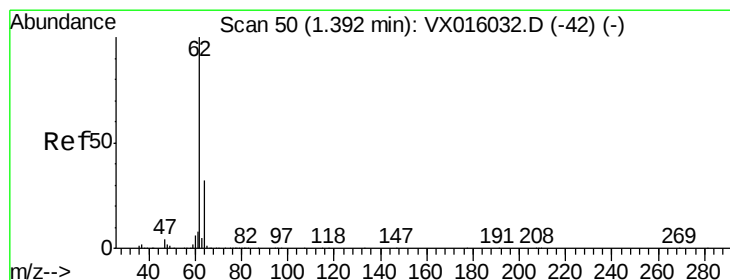
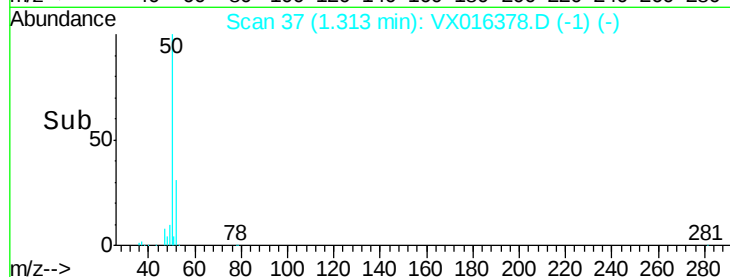
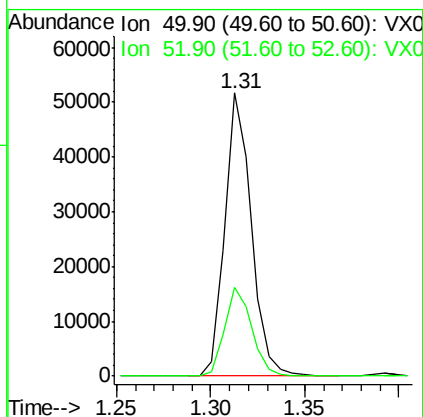
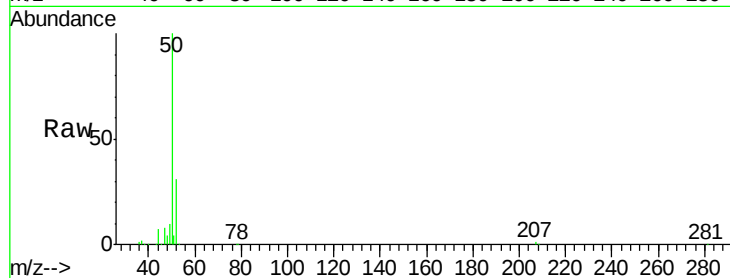
50 100

52 31.5 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.080 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016378.D

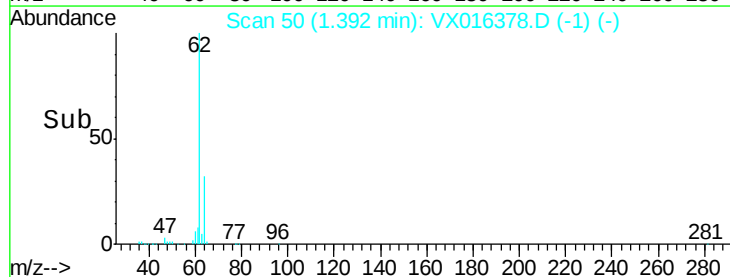
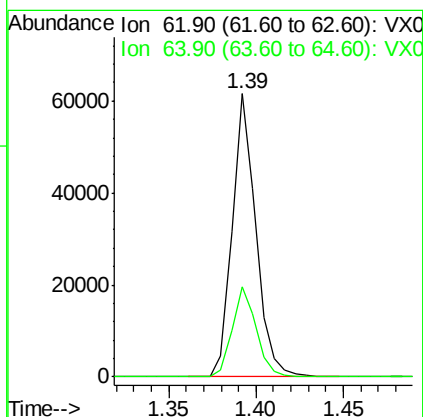
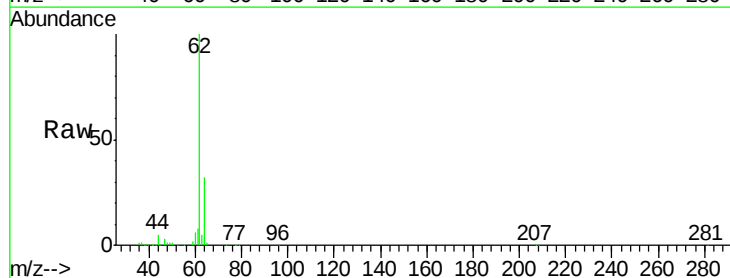
Acq: 21 May 2020 13:03

Tgt Ion: 62 Resp: 57940

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 19.372 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 94 Resp: 33130

Ion Ratio Lower Upper

94 100

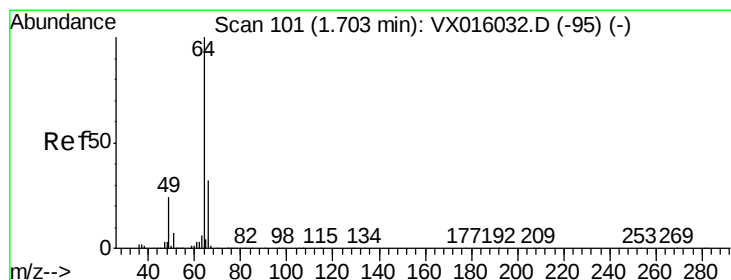
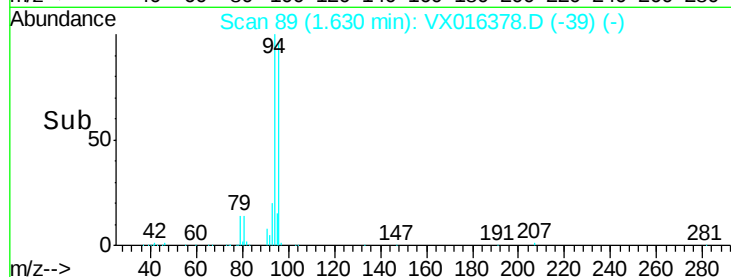
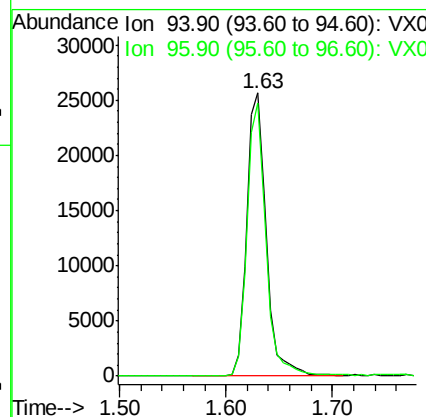
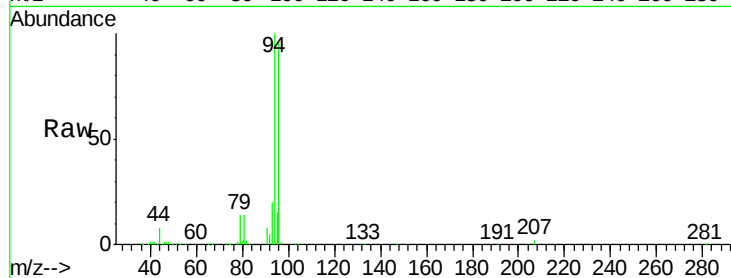
96 96.2 76.9 115.3

Manual Integrations

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5/22/2020 4:02:55 PM



#6

Chloroethane

Concen: 16.914 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016378.D

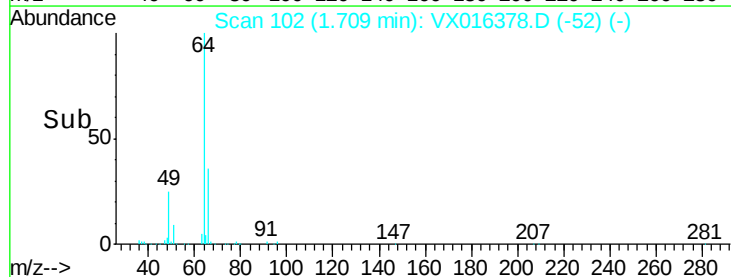
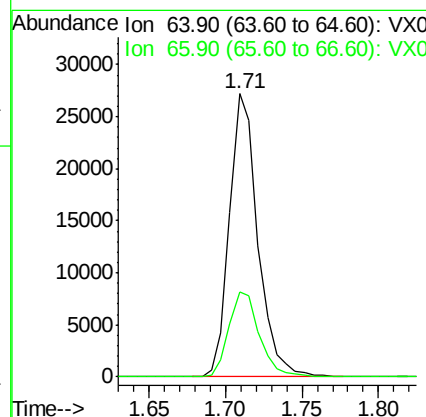
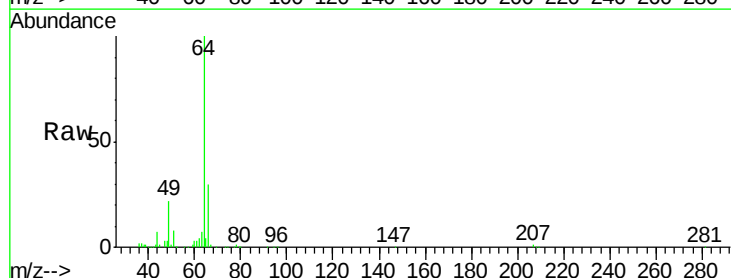
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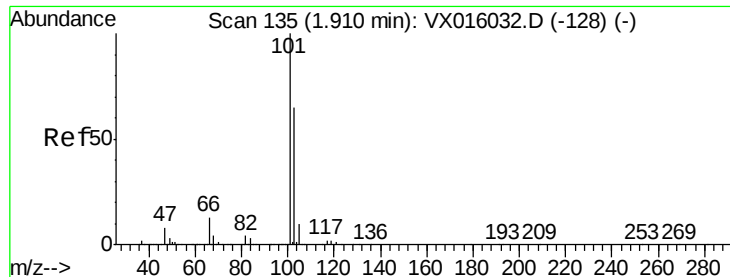
Tgt Ion: 64 Resp: 34910

Ion Ratio Lower Upper

64 100

66 30.2 25.2 37.8





#7

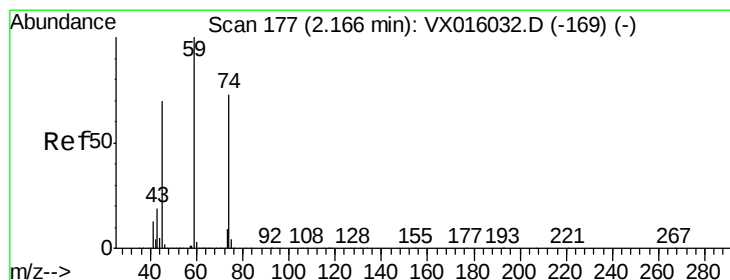
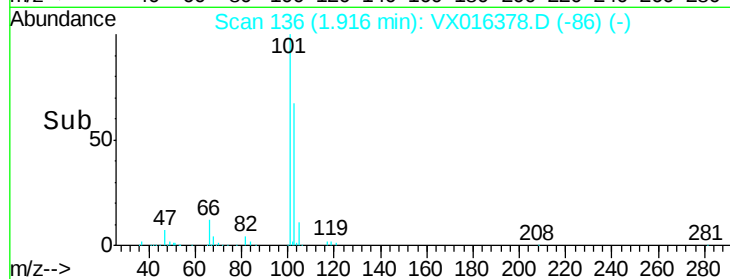
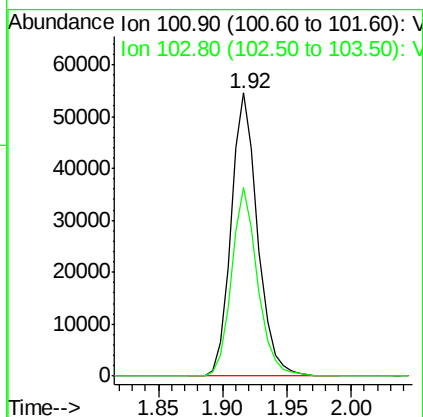
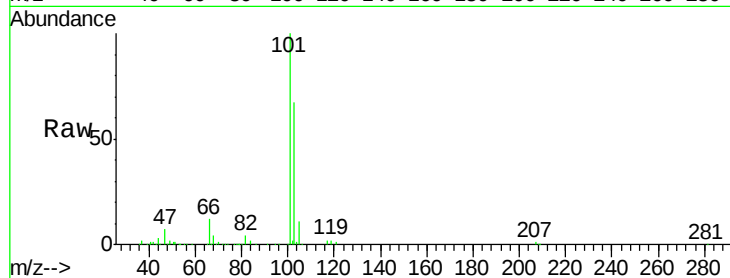
Trichlorofluoromethane
Concen: 17.538 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016378.D
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		78106		
103	66.6	51.8	77.6		

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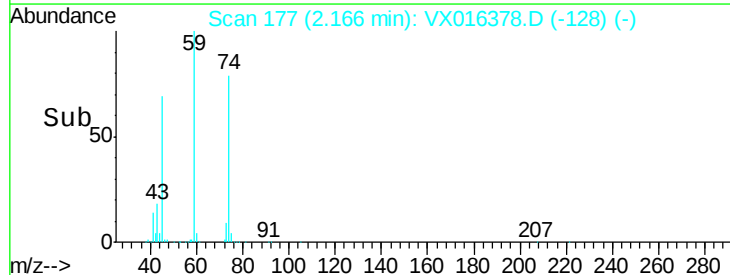
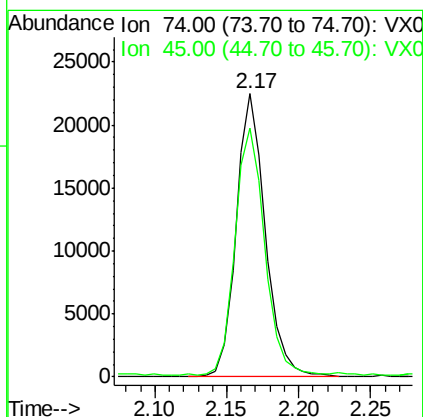
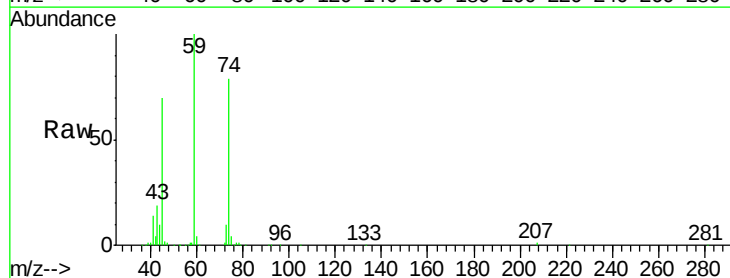
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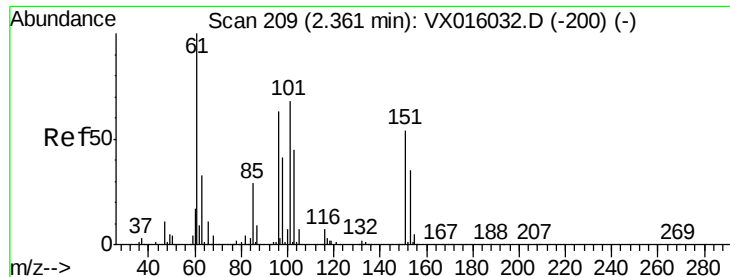


#8

Diethyl Ether
Concen: 16.824 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		31568		
45	89.7	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.236 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

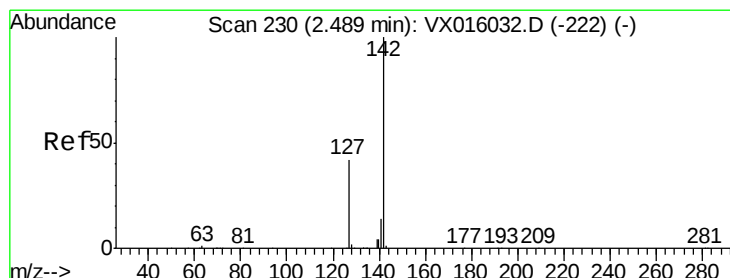
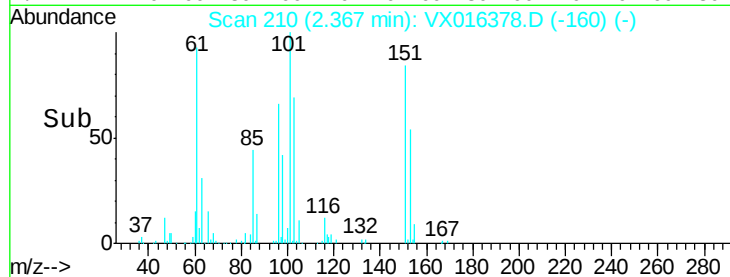
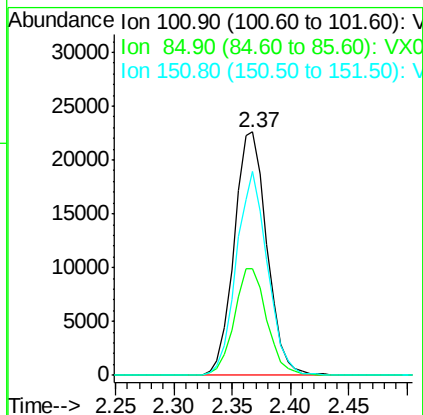
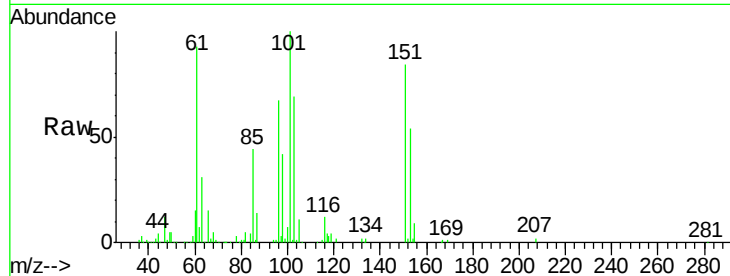
ClientSampleId :

VX0521WBS01

Tot Ion:	101	Resp:	44286
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.2	51.4
151	79.6	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 10.497 ug/l

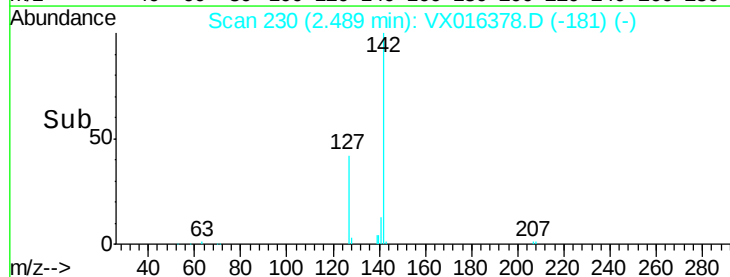
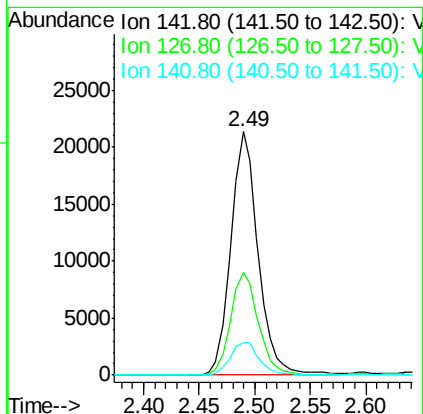
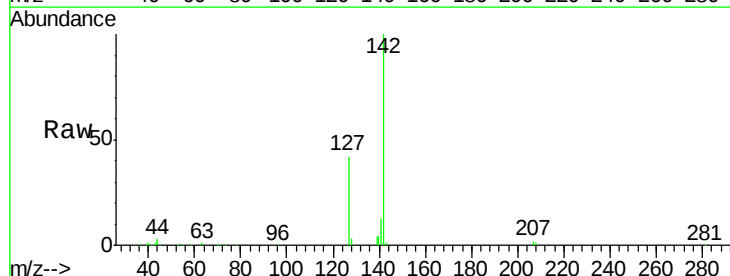
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion:	142	Resp:	36226
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	14.4	11.3	16.9





#11

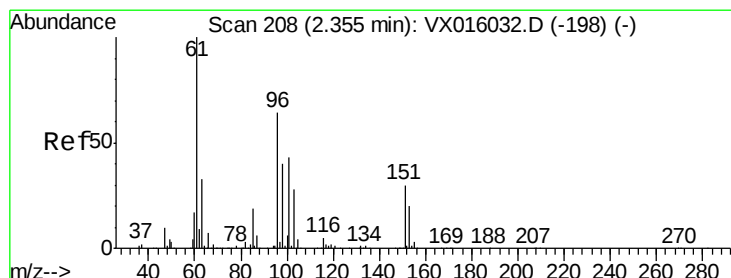
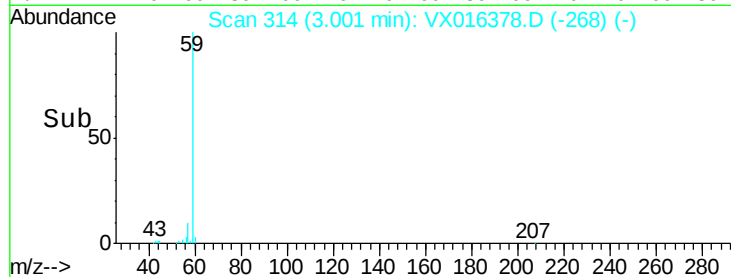
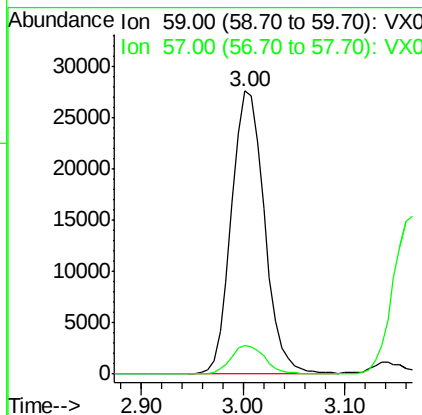
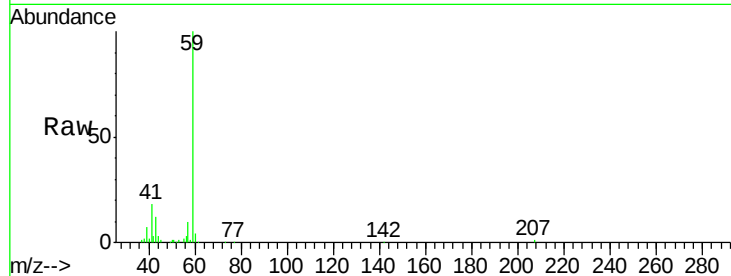
Tert butyl alcohol
Concen: 72.262 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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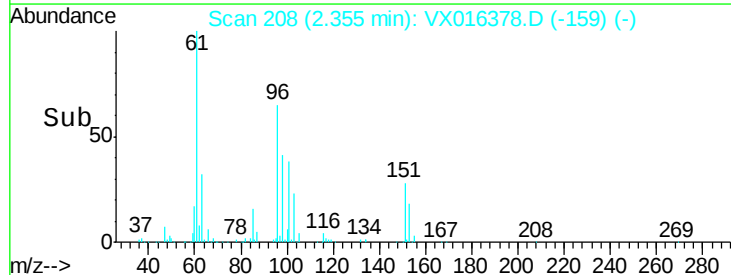
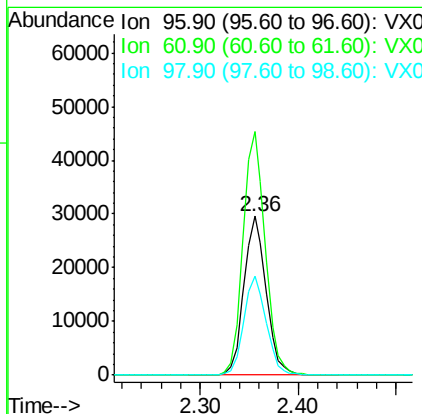
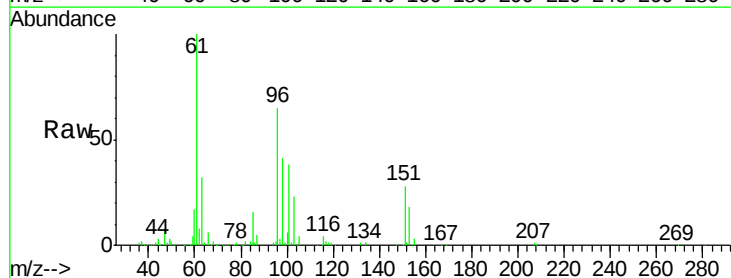
MMDadoda
5/22/2020 4:02:55 PM



#12

1,1-Dichloroethene
Concen: 17.420 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.4	124.8	187.2
98	62.4	49.7	74.5





#13

Acrolein

Concen: 82.107 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 56 Resp: 44222

Ion Ratio Lower Upper

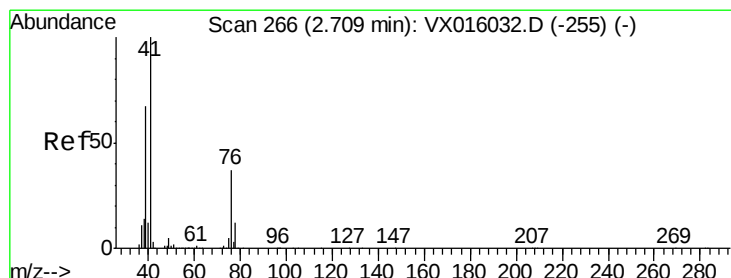
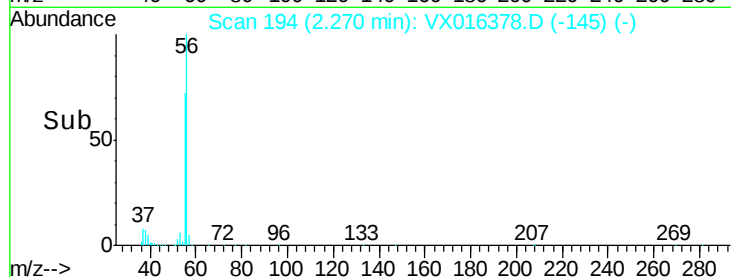
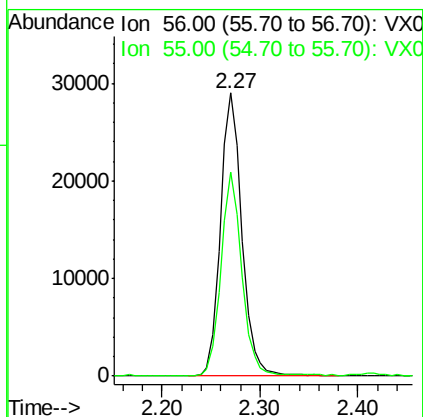
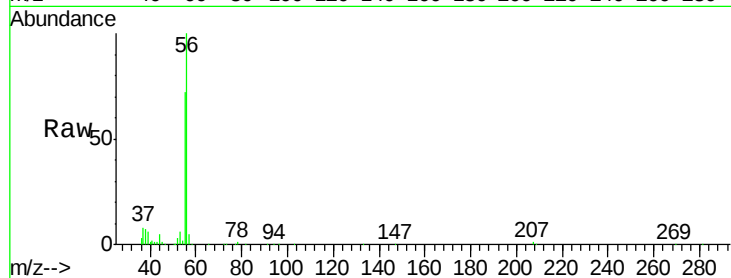
56 100

55 68.9 56.5 84.7

Manual Integrations
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#14

Allyl chloride

Concen: 15.727 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

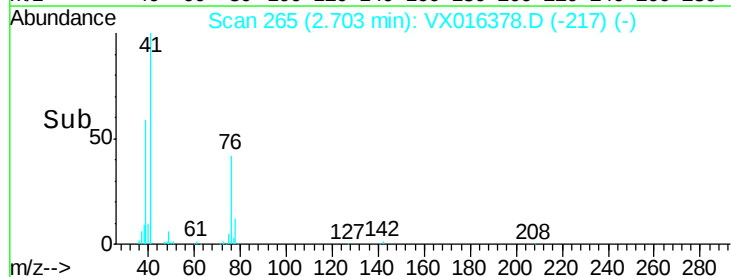
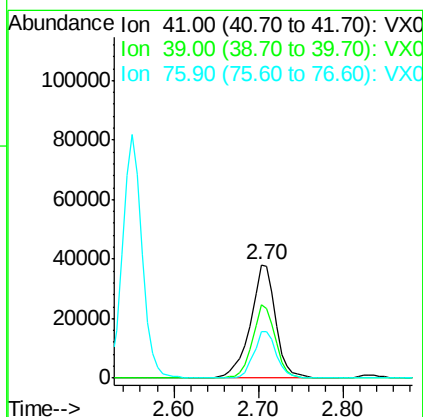
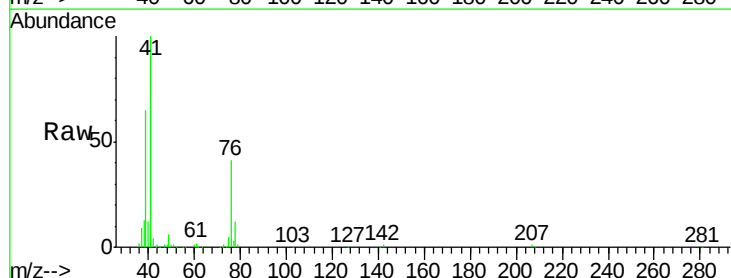
Tgt Ion: 41 Resp: 77532

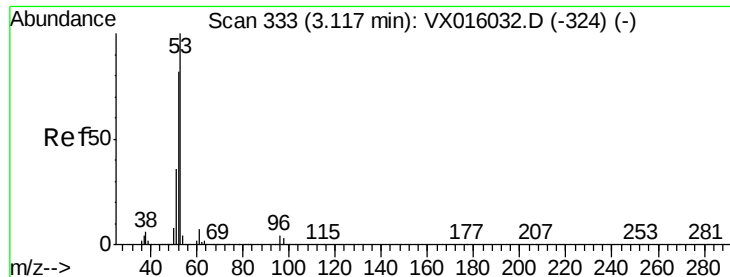
Ion Ratio Lower Upper

41 100

39 58.5 50.5 75.7

76 36.9 26.6 40.0





#15

Acrylonitrile

Concen: 80.827 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

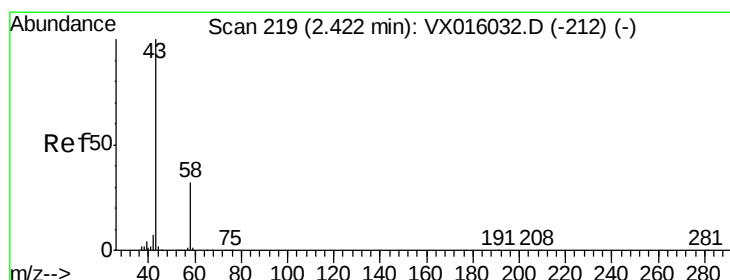
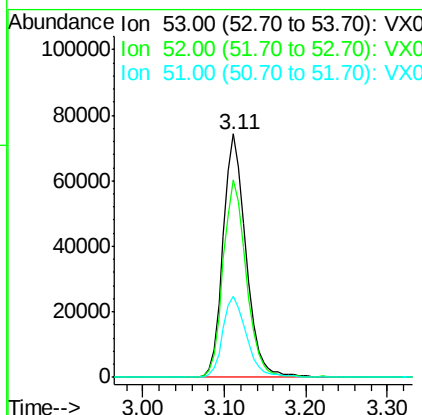
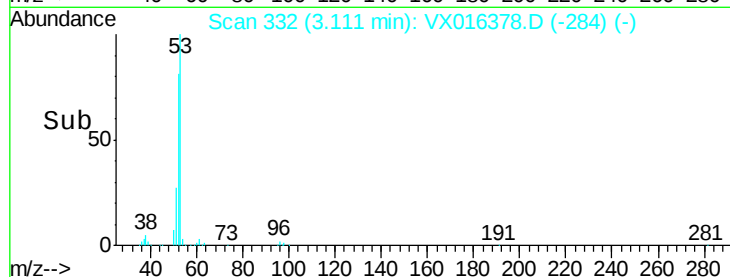
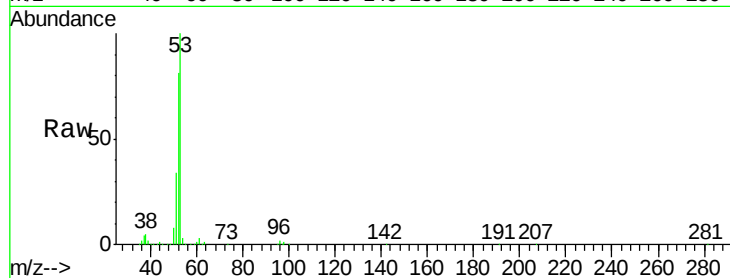
ClientSampled :

VX0521WBS01

Tot Ion:	53	Resp:	144317
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.1	99.1
51	34.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 73.975 ug/l

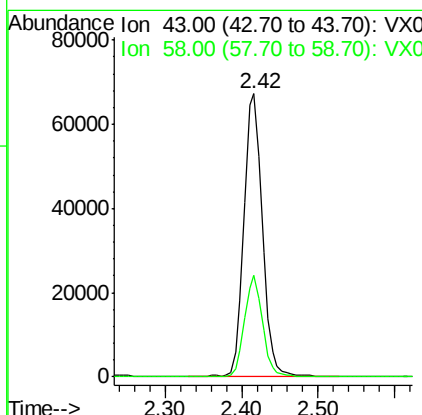
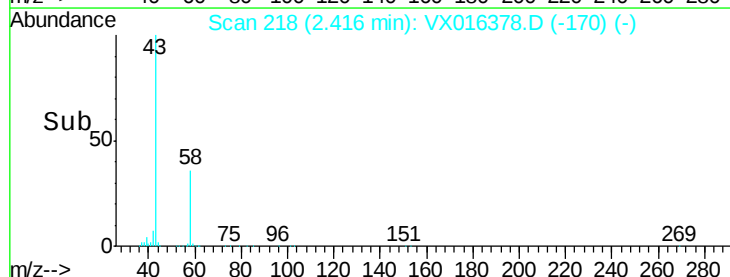
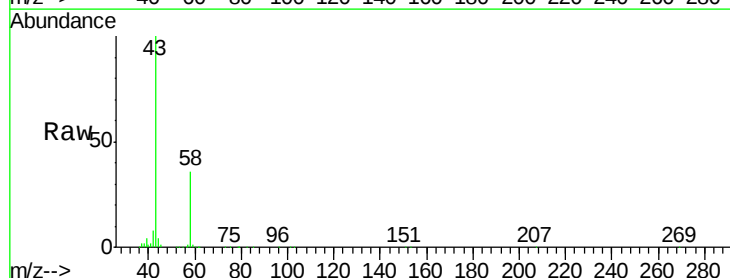
RT: 2.42 min Scan# 218

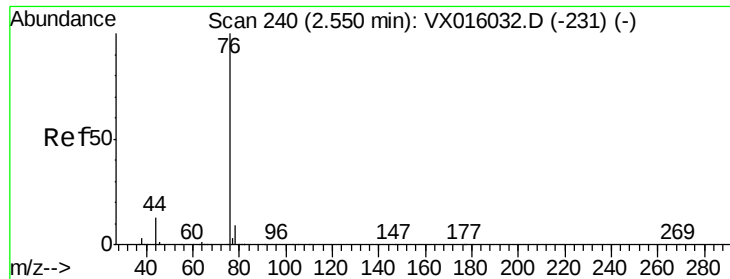
Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion:	43	Resp:	112343
Ion	Ratio	Lower	Upper
43	100		
58	35.9	25.4	38.0





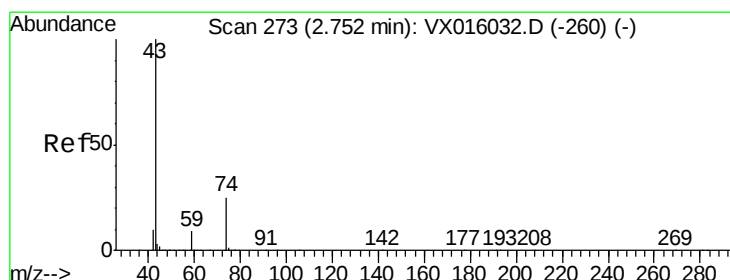
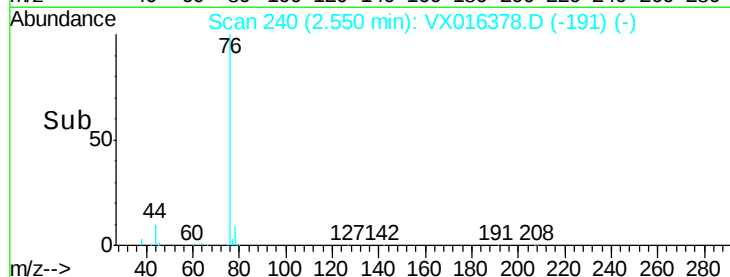
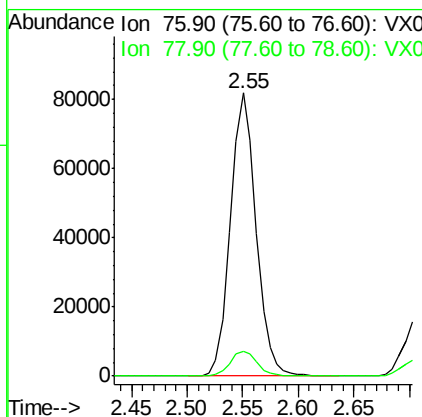
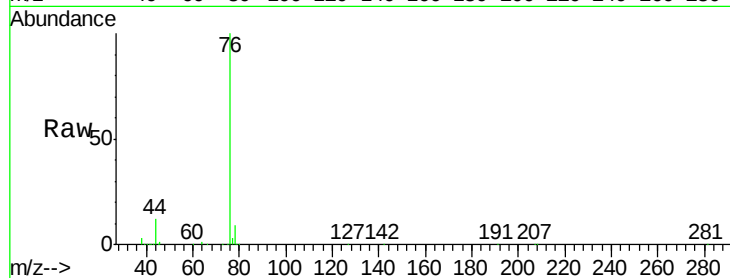
#17
Carbon Disulfide
Concen: 16.040 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	130650		
78	8.9		7.5	11.3

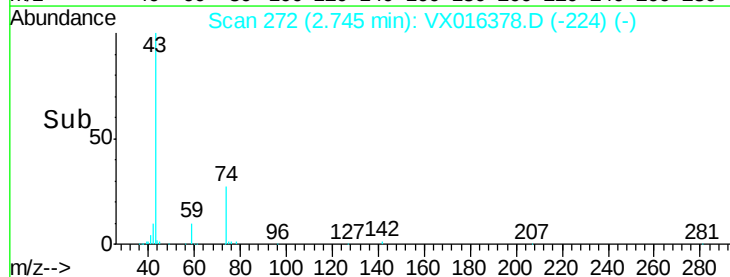
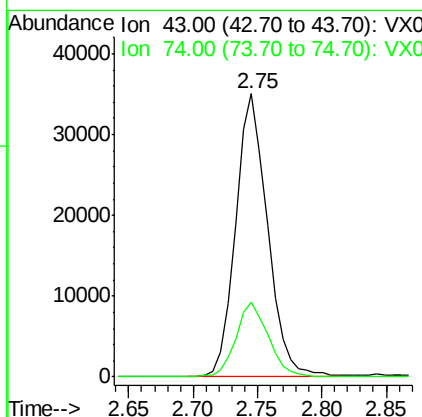
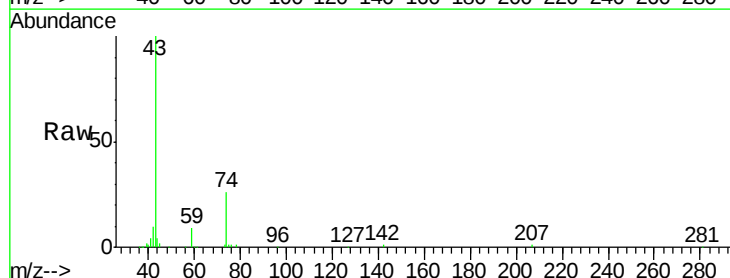
Manual Integrations
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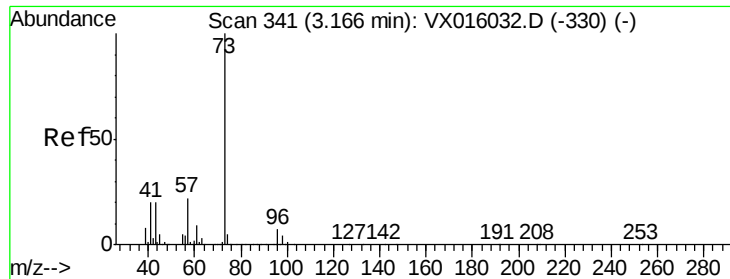
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#18
Methyl Acetate
Concen: 16.039 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	59891		
74	27.2		20.2	30.2





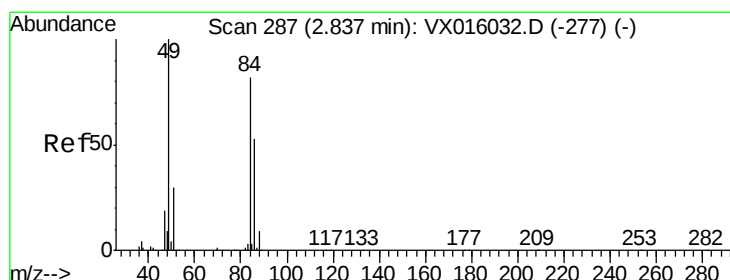
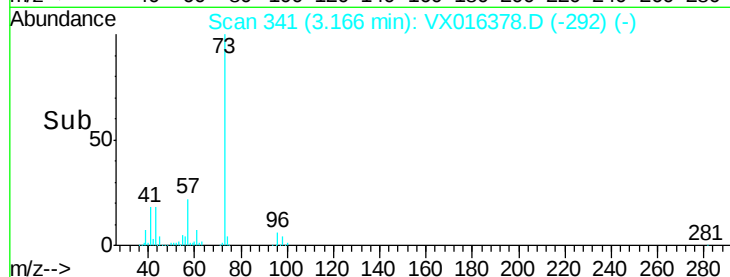
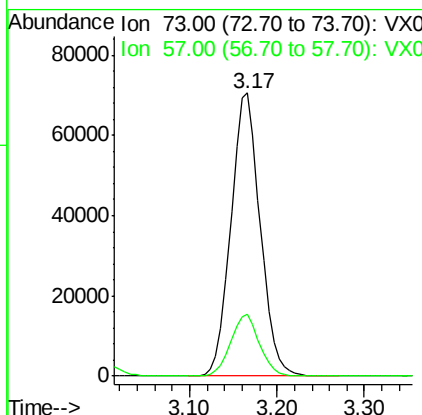
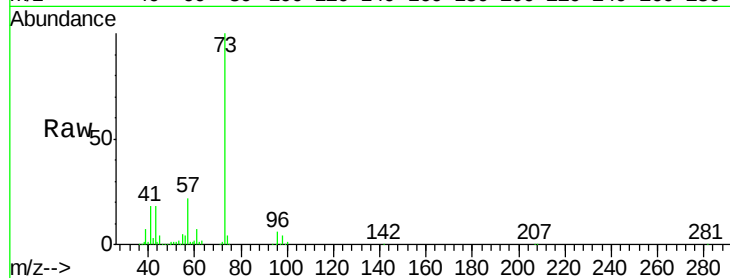
#19
Methyl tert-butyl Ether
Concen: 17.742 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

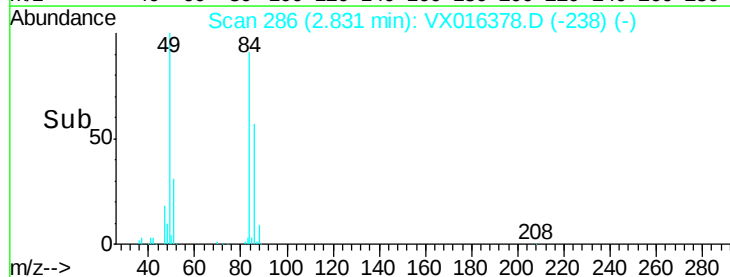
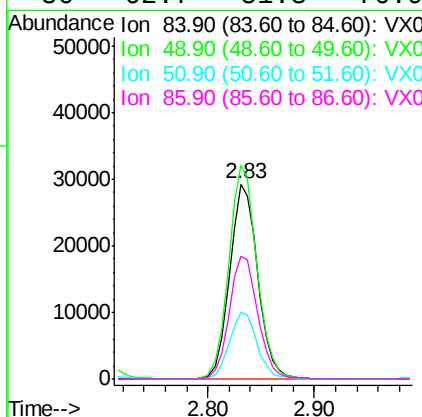
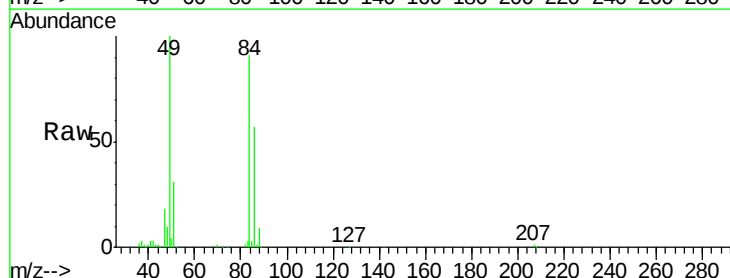
Manual Integrations
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#20
Methylene Chloride
Concen: 17.202 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.5	97.3	145.9
51	34.2	29.3	43.9
86	62.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.281 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 96 Resp: 51777

Ion Ratio Lower Upper

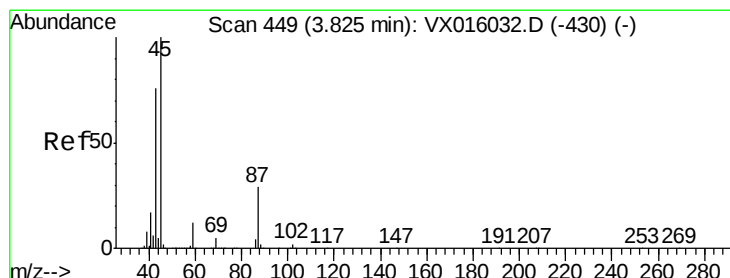
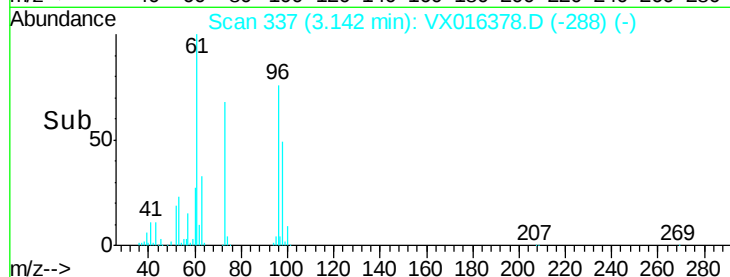
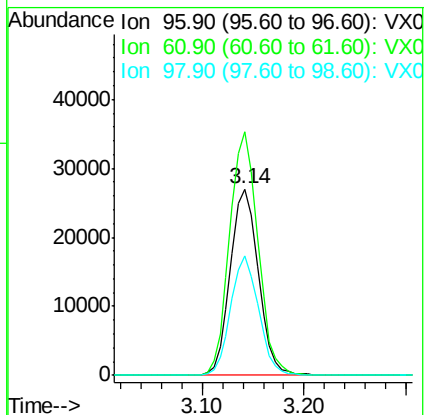
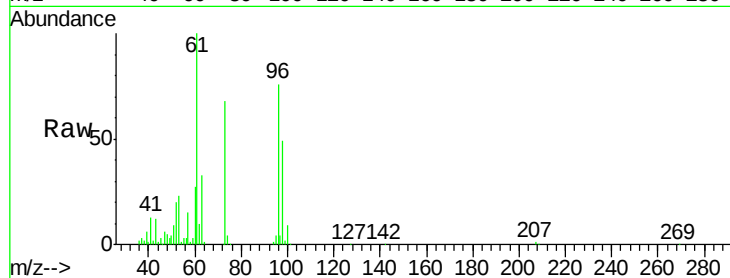
96 100

61 130.8 111.2 166.8

98 64.3 50.2 75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 16.752 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion: 45 Resp: 155805

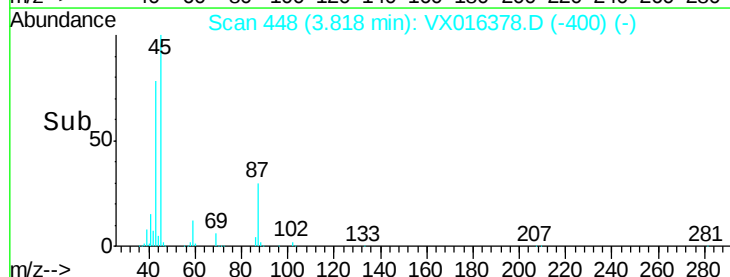
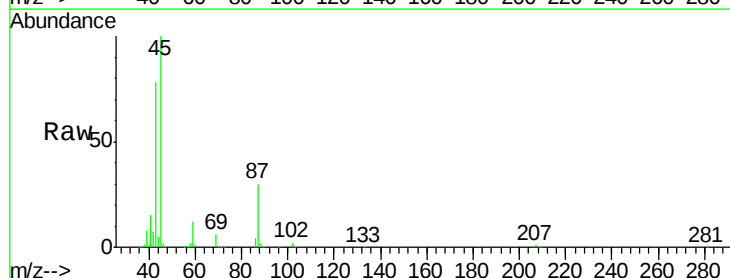
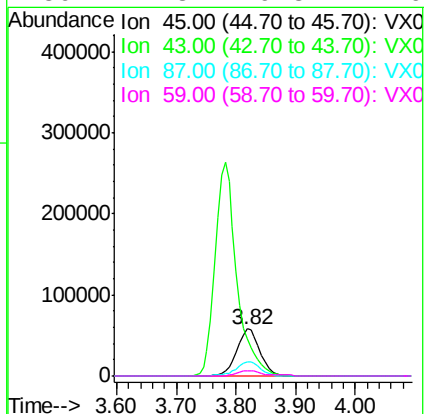
Ion Ratio Lower Upper

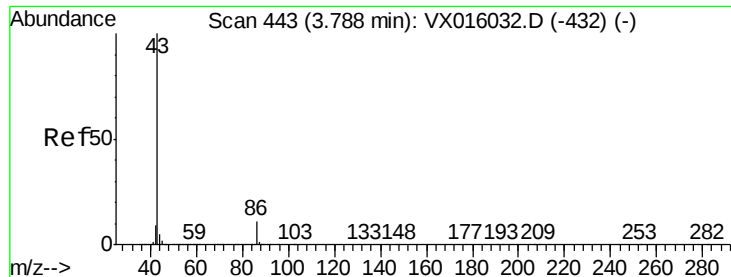
45 100

43 78.3 61.1 91.7

87 30.3 23.0 34.6

59 12.3 9.8 14.6





#23

Vinyl Acetate

Concen: 81.545 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 43 Resp: 667251

Ion Ratio Lower Upper

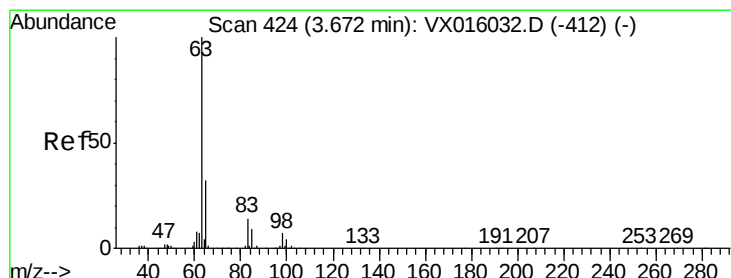
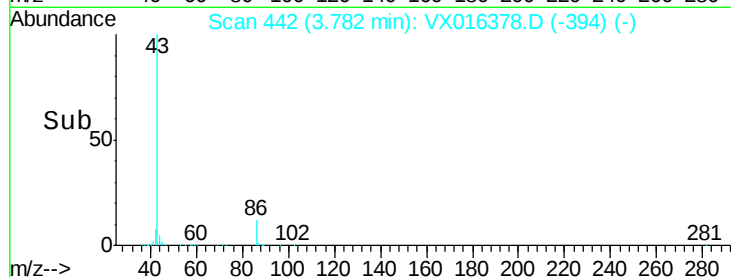
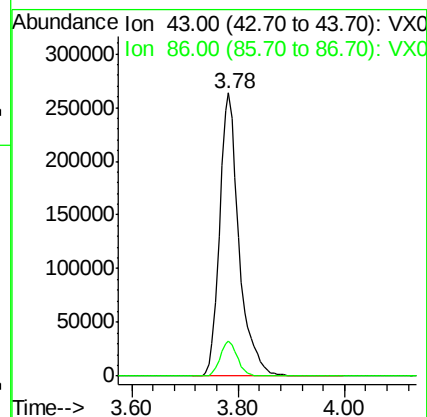
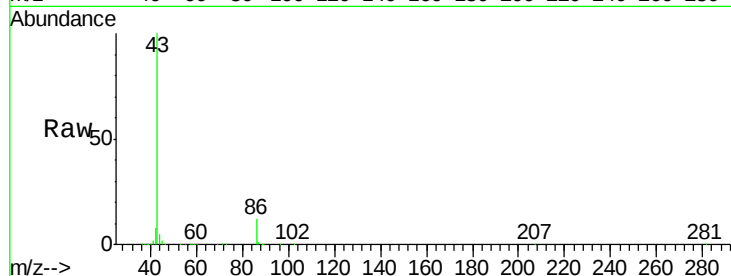
43 100

86 12.3 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 17.466 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

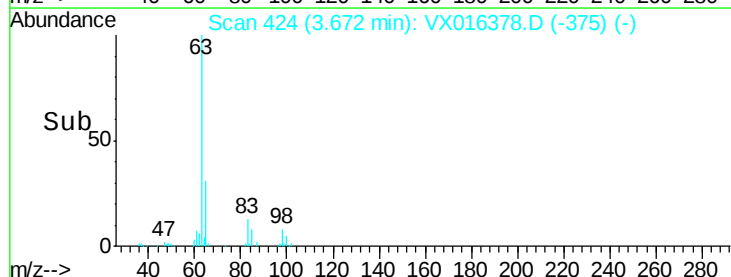
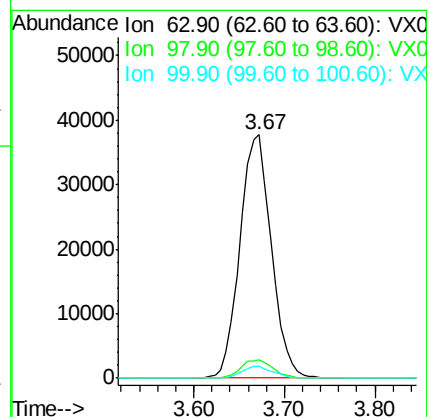
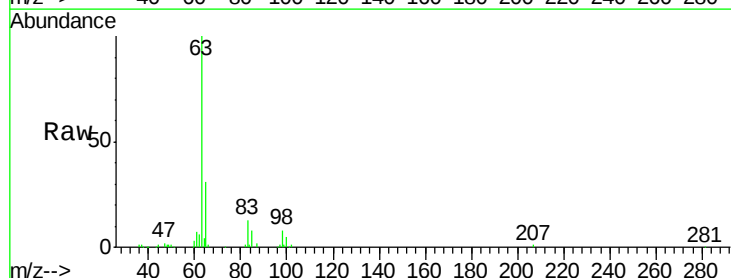
Tgt Ion: 63 Resp: 90869

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 77.688 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tot Ion: 43 Resp: 190118

Ion Ratio Lower Upper

43 100

72 29.2 21.8 32.8

Instrument :

MSVOA_X

ClientSampleId :

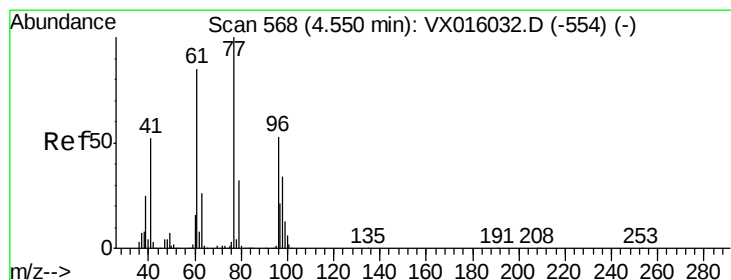
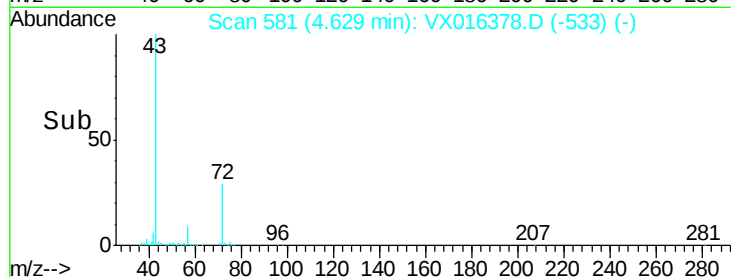
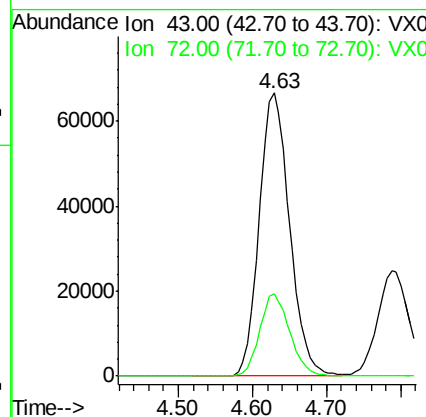
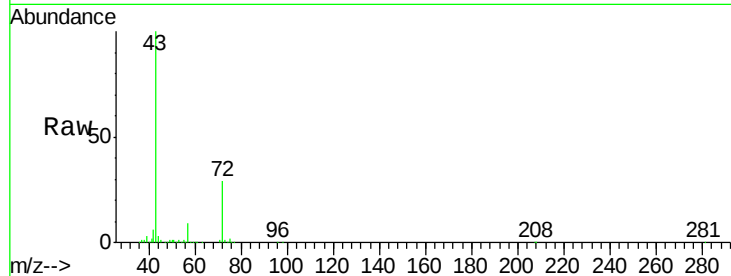
VX0521WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.440 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016378.D

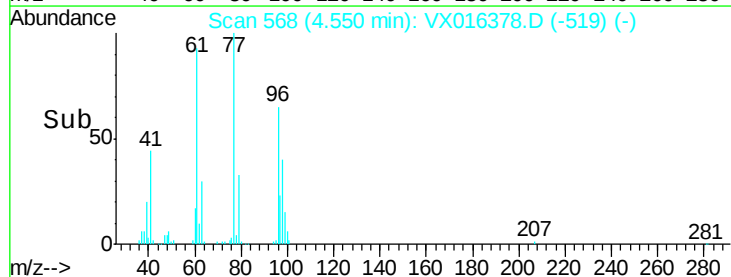
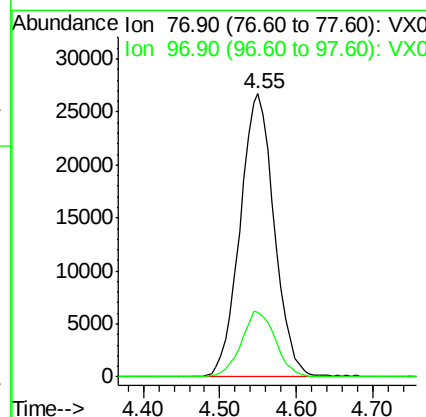
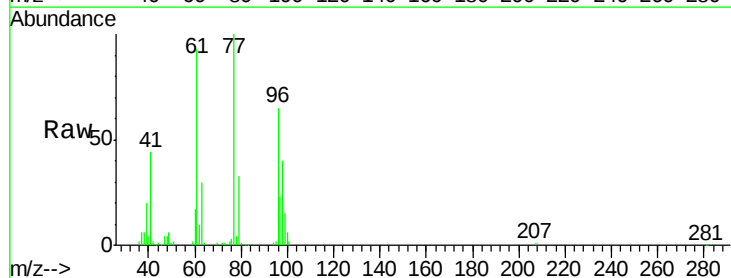
Acq: 21 May 2020 13:03

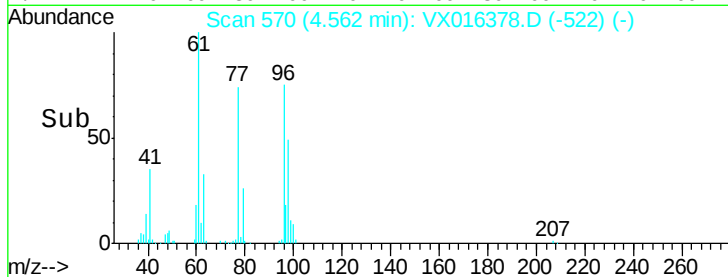
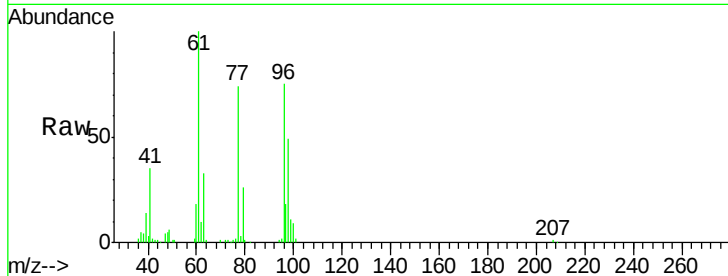
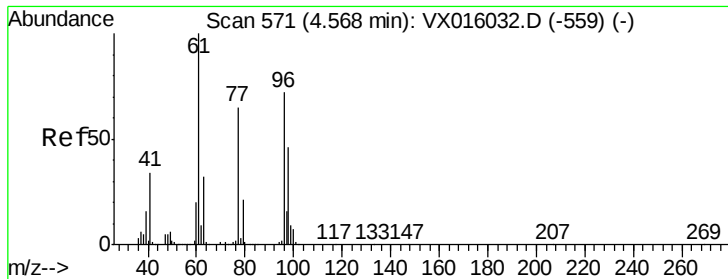
Tgt Ion: 77 Resp: 82867

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6





#27

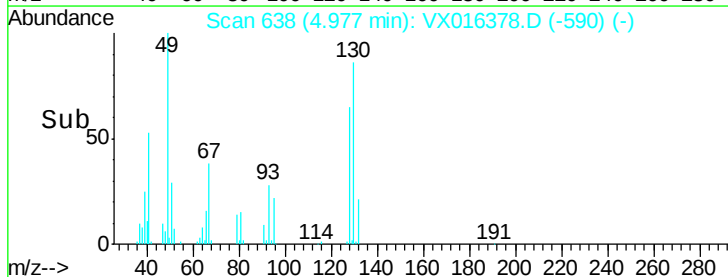
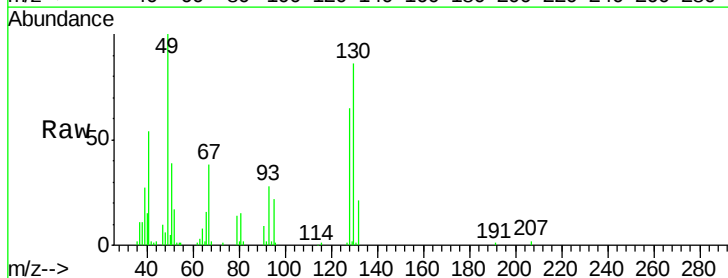
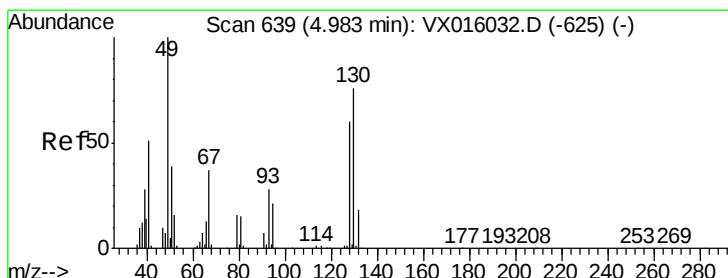
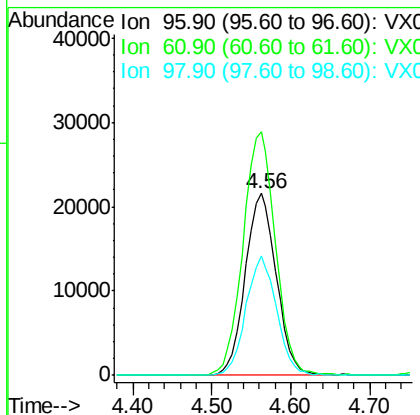
cis-1,2-Dichloroethene
Concen: 18.089 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	59254		
61	139.5		0.0	296.2
98	64.5		0.0	129.4

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

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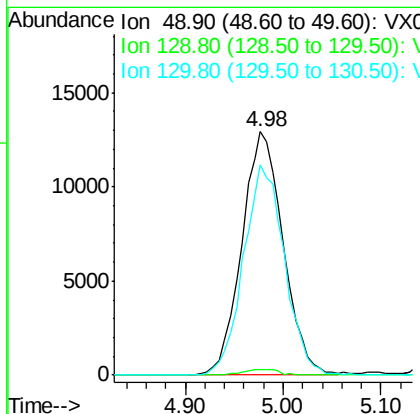
MMDadoda
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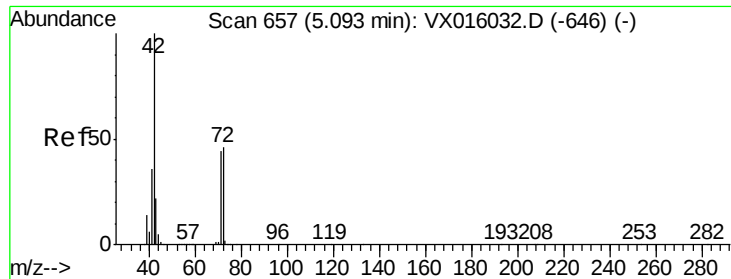


#28

Bromochloromethane
Concen: 16.015 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	37994		
129	2.0		0.0	4.0
130	85.8		62.4	93.6





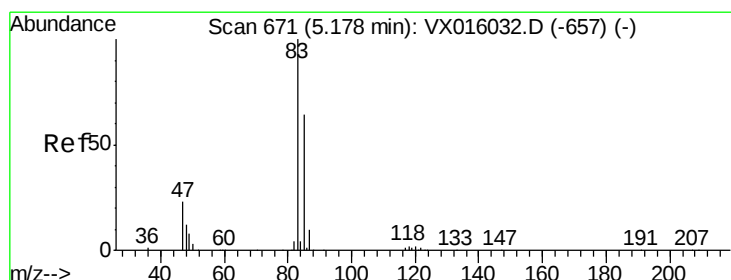
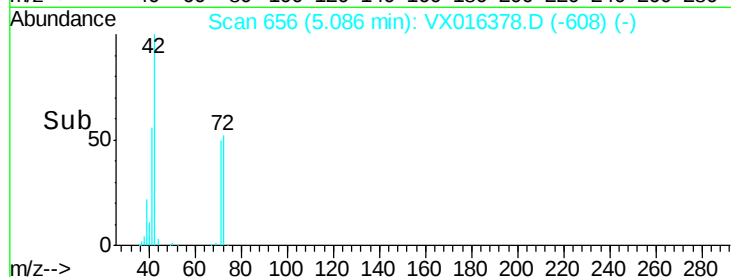
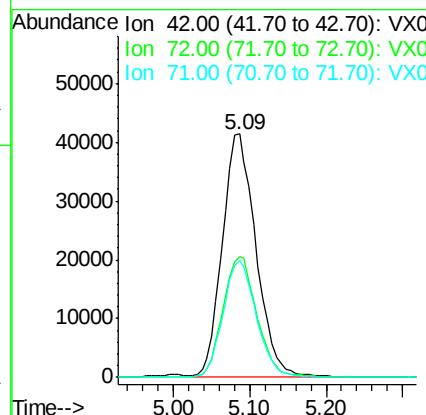
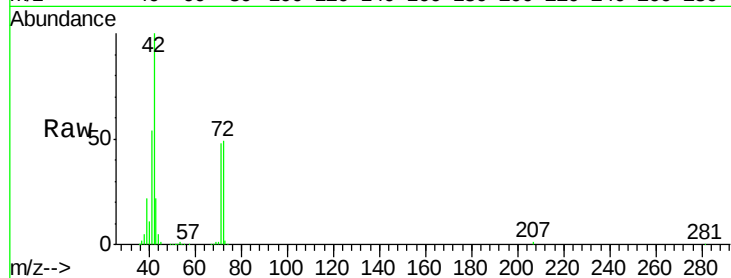
#29
Tetrahydrofuran
Concen: 77.098 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	37.1	55.7
71	47.6	34.5	51.7

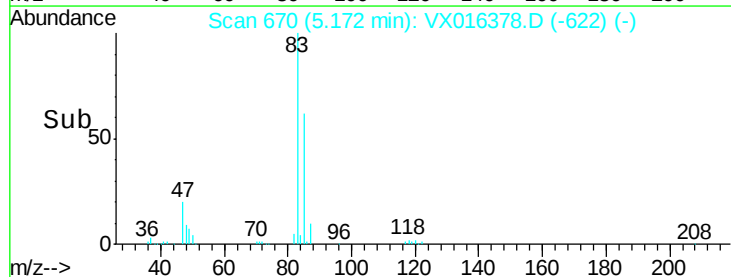
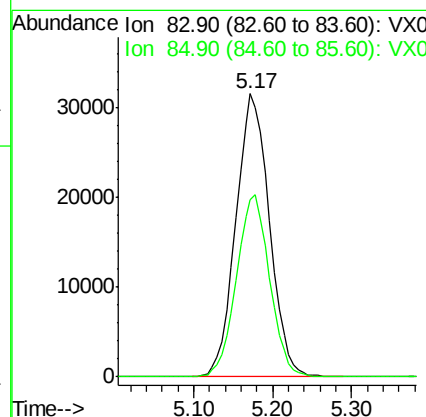
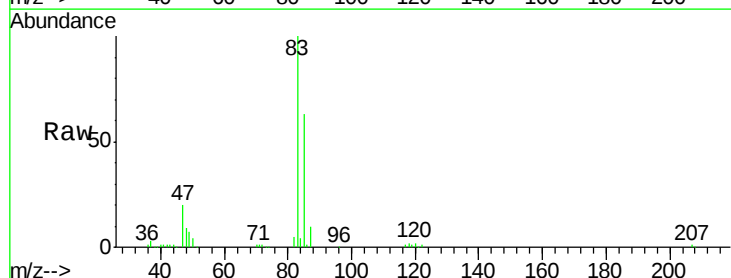
Manual Integrations
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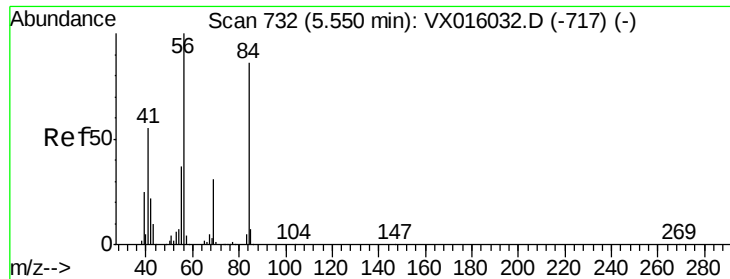
MMDadoda
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#30
Chloroform
Concen: 18.028 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.6	77.4





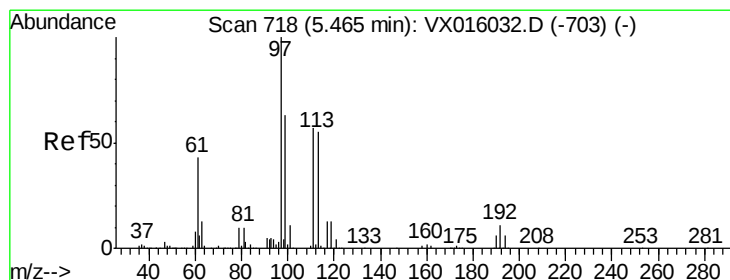
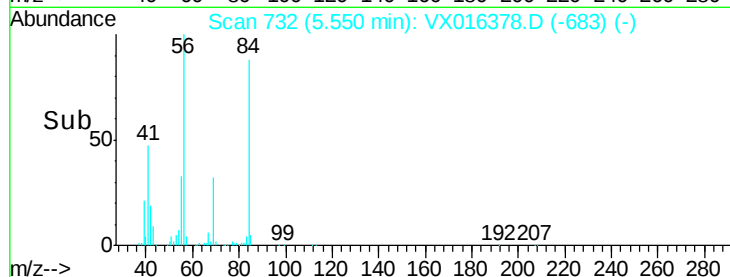
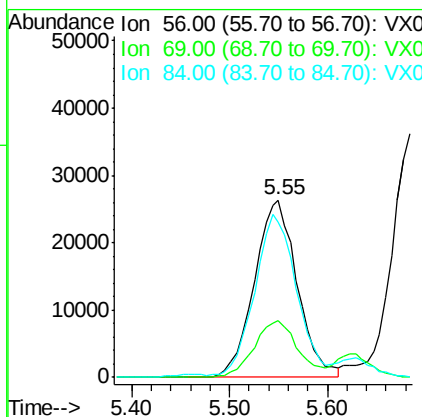
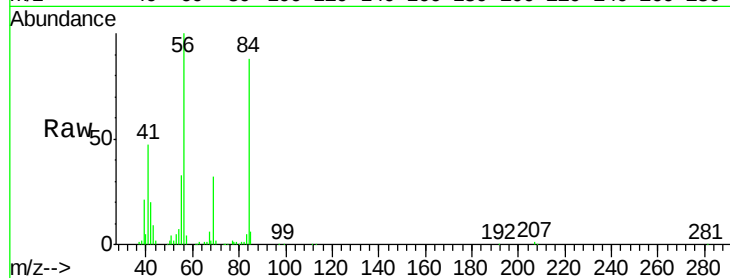
#31
Cyclohexane
Concen: 16.925 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	86.2	69.0	103.6

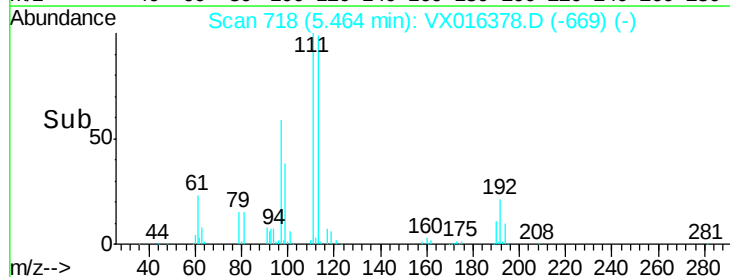
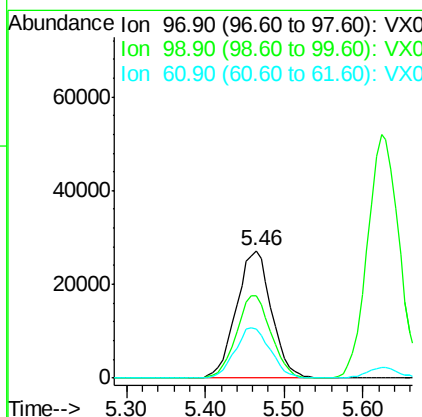
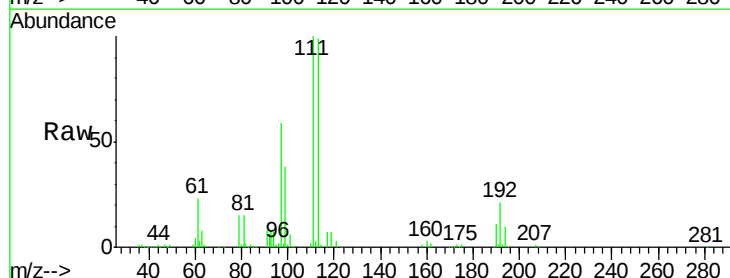
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#32
1,1,1-Trichloroethane
Concen: 17.811 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	39.9	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 44.328 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 65 Resp: 150876

Ion Ratio Lower Upper

65 100

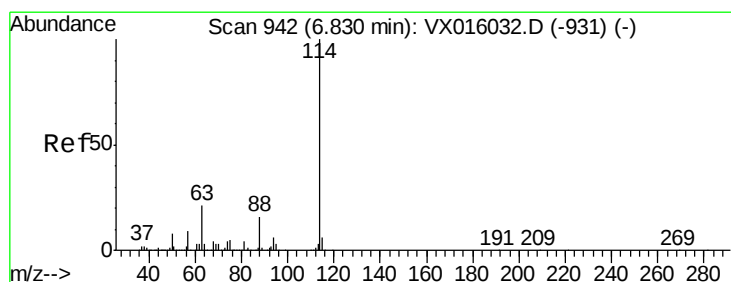
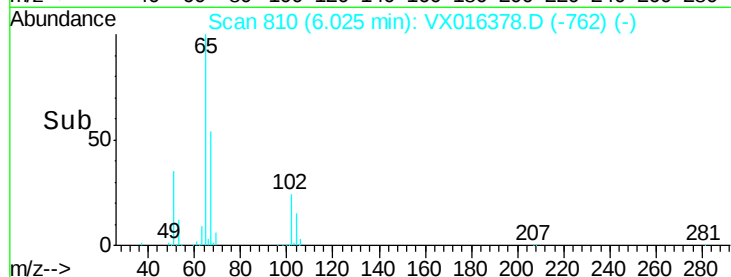
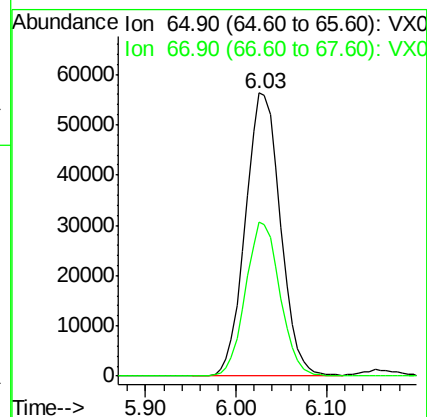
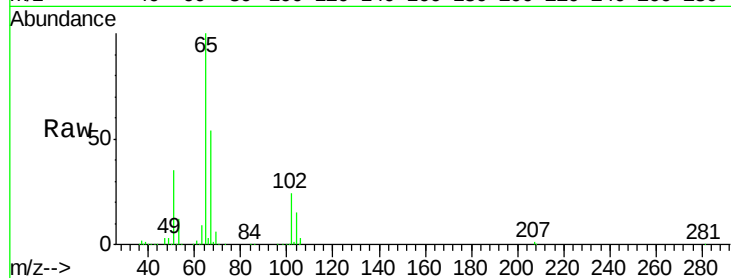
67 53.6 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

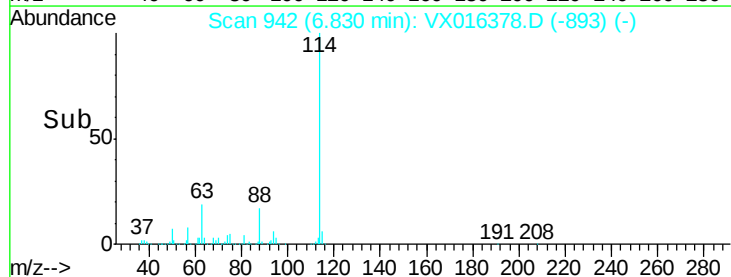
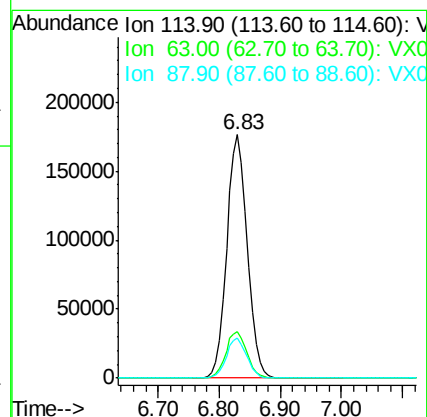
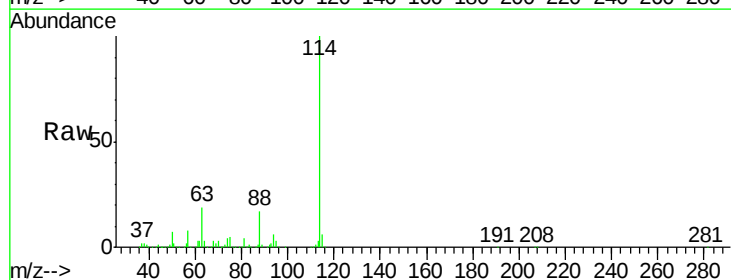
Tgt Ion: 114 Resp: 411027

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.192 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

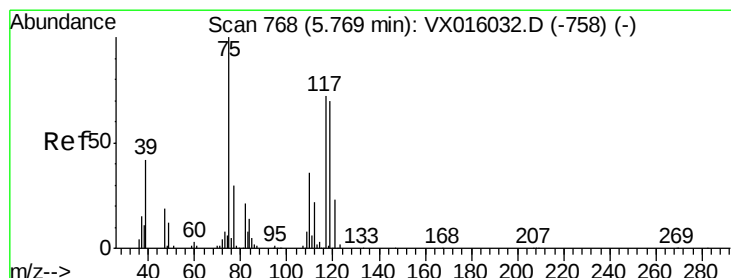
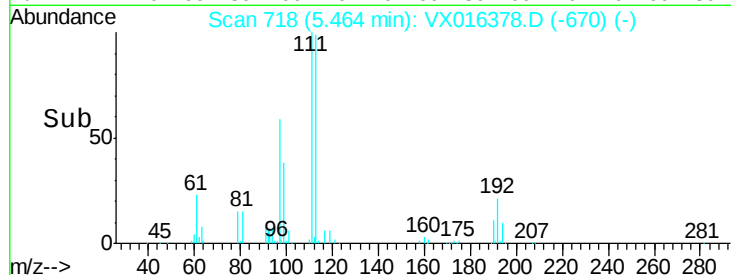
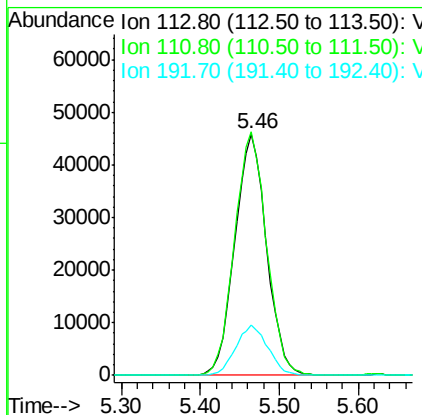
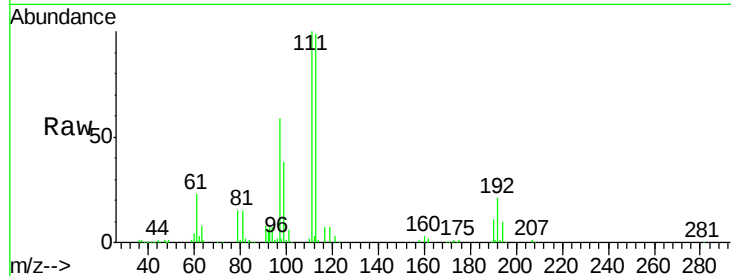
ClientSampleId :

VX0521WBS01

Tot Ion:	113	Resp:	128097
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	21.1	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 17.110 ug/l

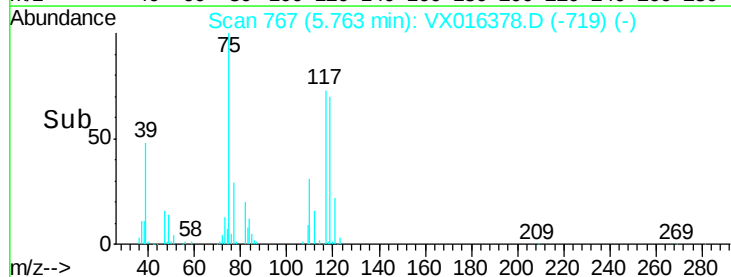
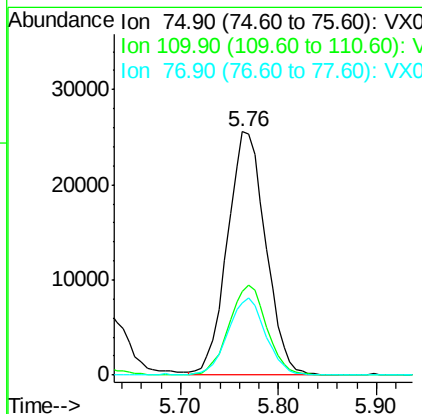
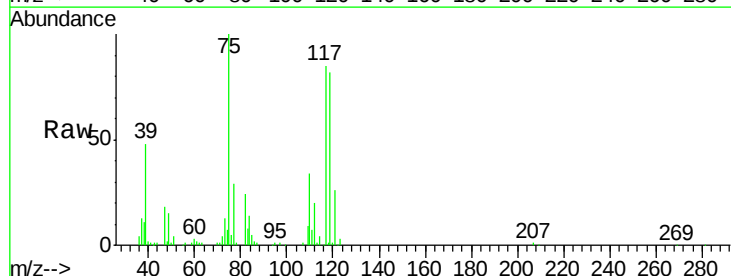
RT: 5.76 min Scan# 767

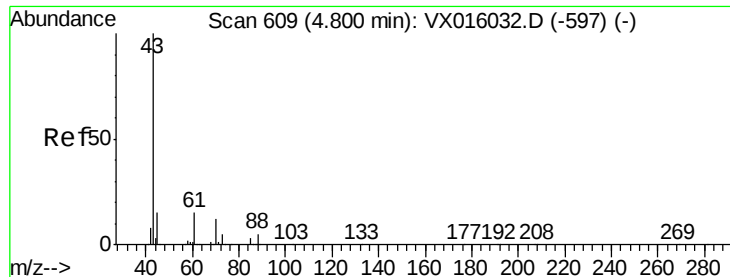
Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion:	75	Resp:	69225
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.1	54.1
77	31.4	25.0	37.6





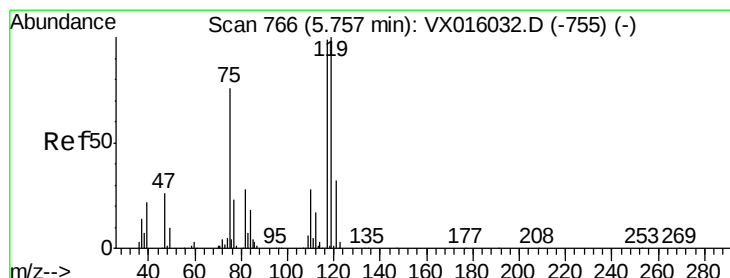
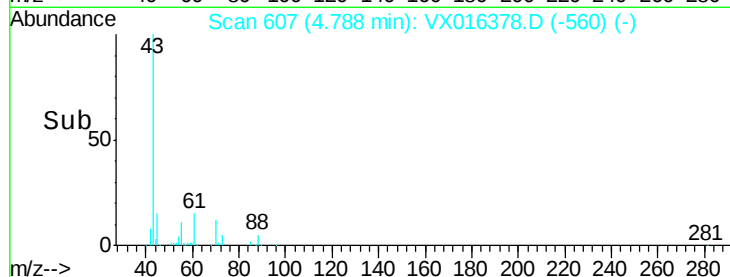
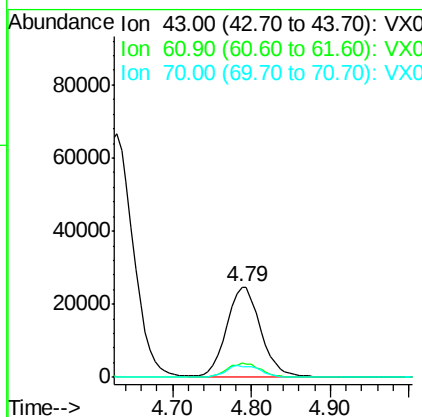
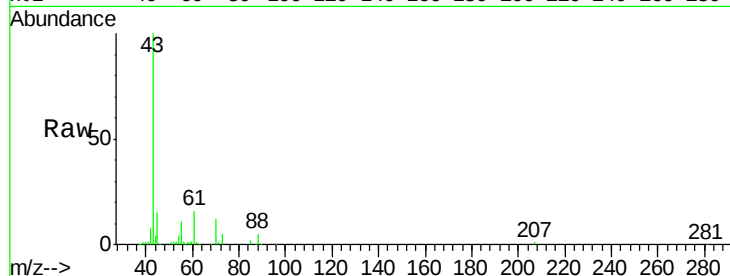
#37
Ethyl Acetate
Concen: 15.720 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	13.2	9.3	13.9

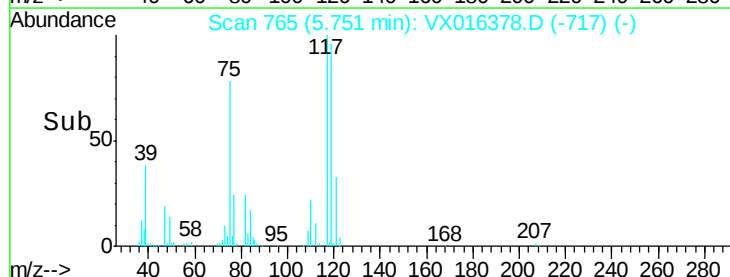
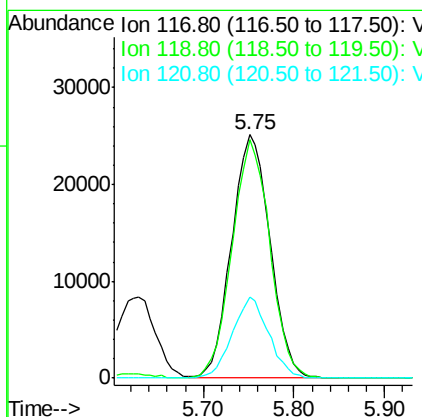
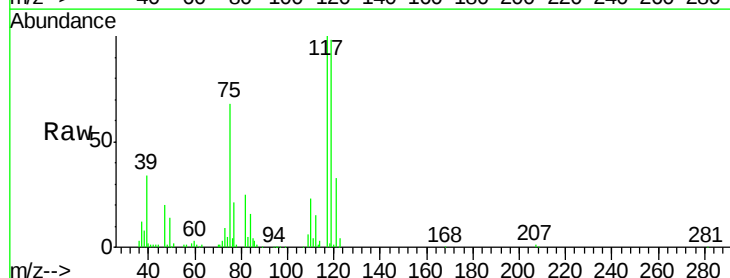
Manual Integrations
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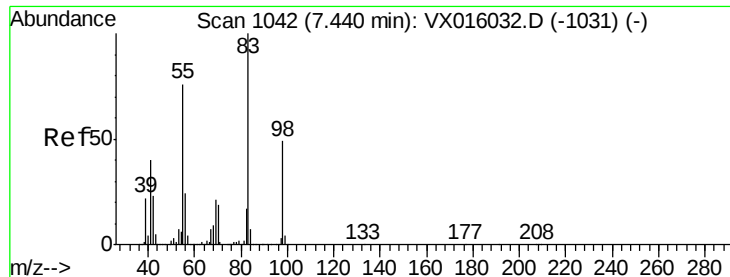
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#38
Carbon Tetrachloride
Concen: 18.001 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	80.3	120.5
121	33.3	25.7	38.5





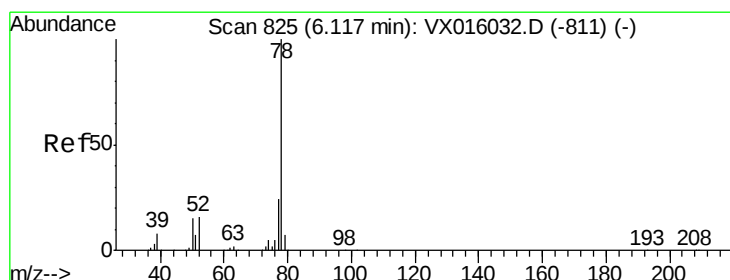
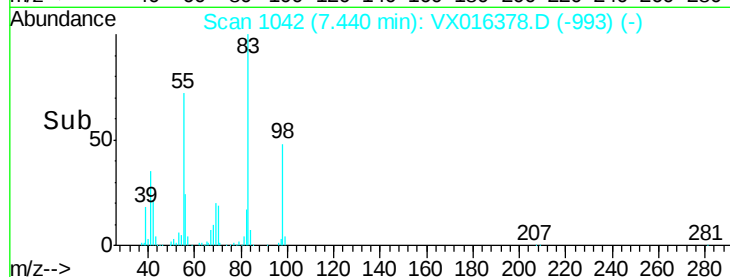
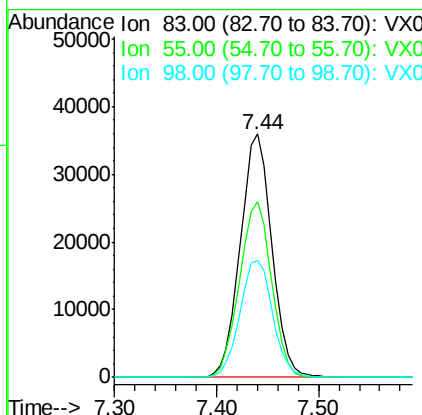
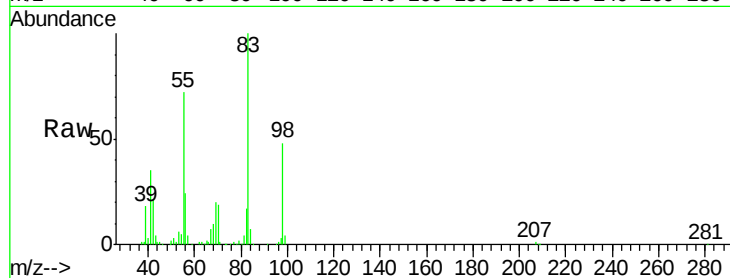
#39
Methvlcvclohexane
Concen: 15.905 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	61.1	91.7
98	48.0	39.0	58.4

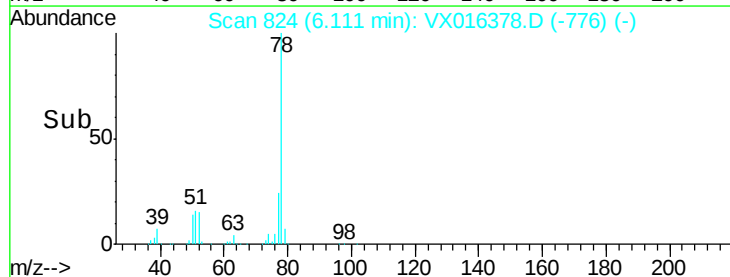
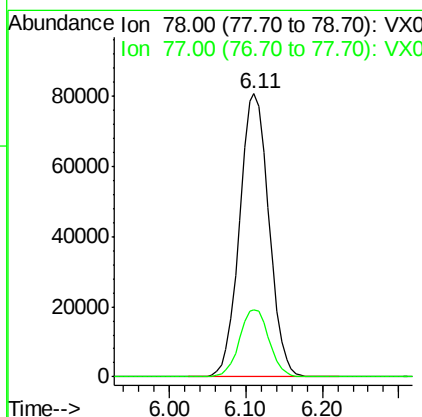
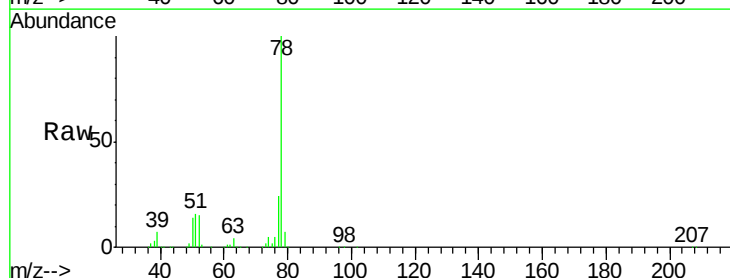
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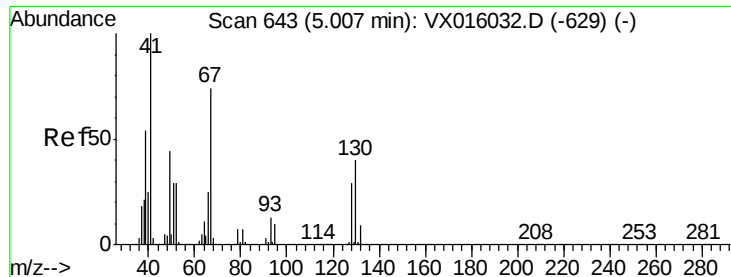
MMDadoda
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#40
Benzene
Concen: 18.193 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





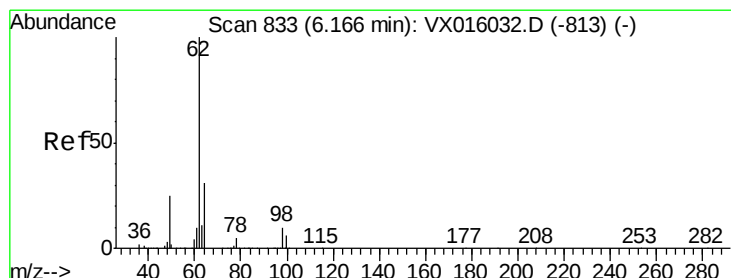
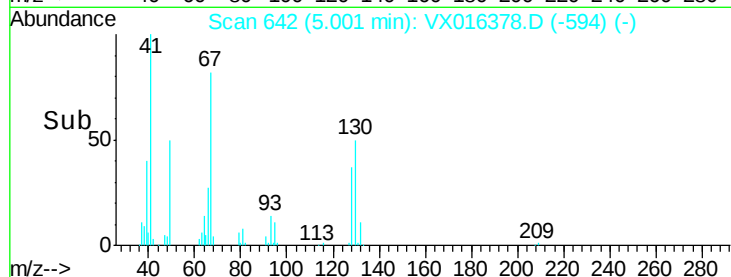
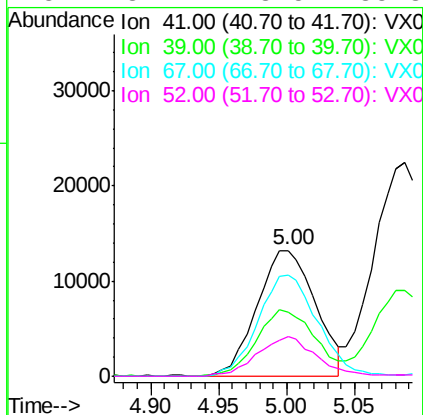
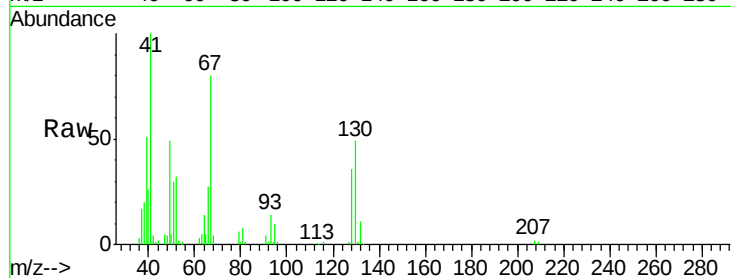
#41
Methacrylonitrile
Concen: 15.671 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		39687		
39	53.8	43.2	64.8		
67	81.6	59.3	88.9		
52	31.7	23.5	35.3		

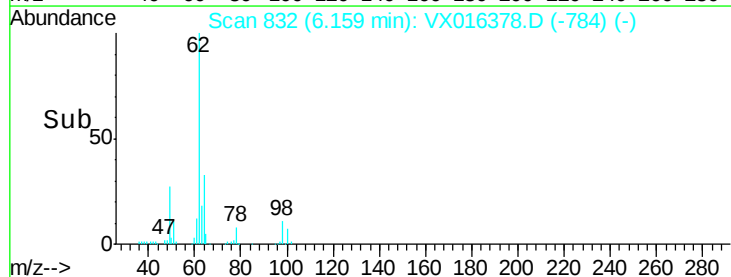
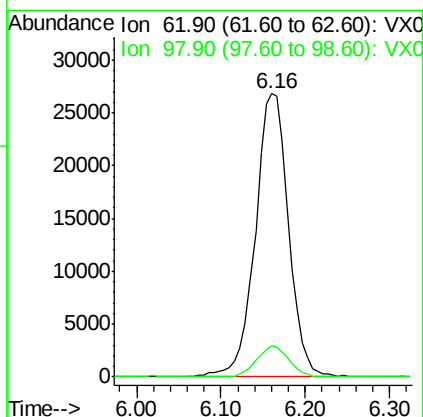
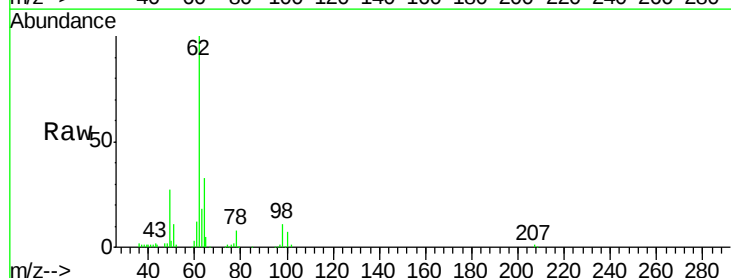
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 17.008 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		72531		
98	10.6	0.0	19.4		





#43

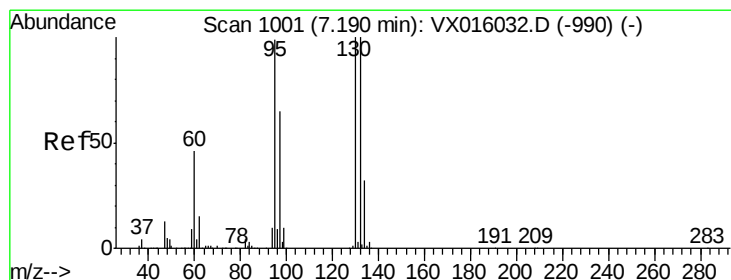
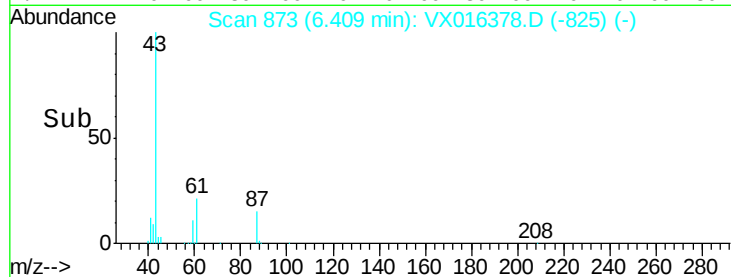
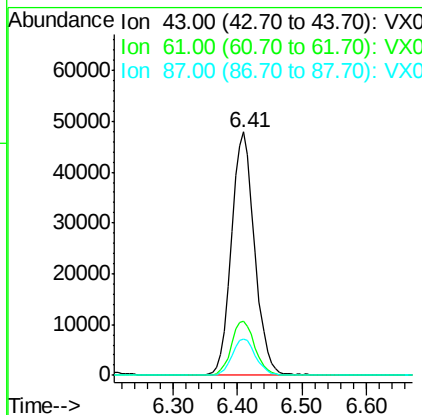
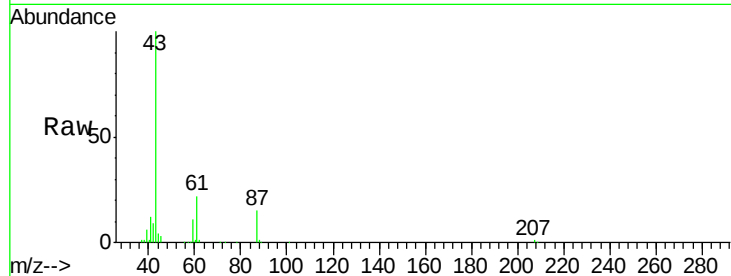
Isopropyl Acetate
 Concen: 15.976 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	17.0	25.4
87	15.4	11.0	16.6

Manual Integrations
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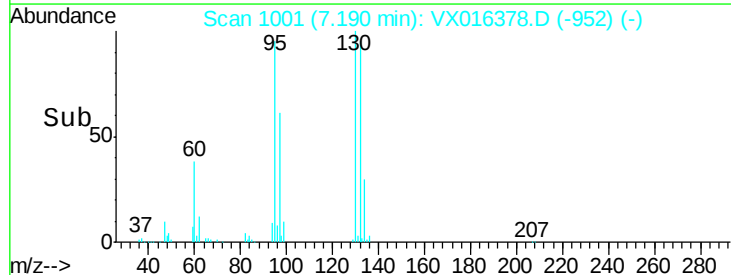
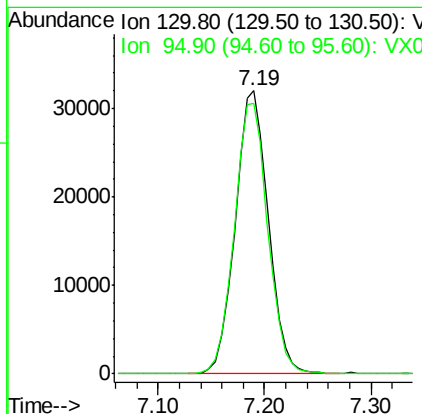
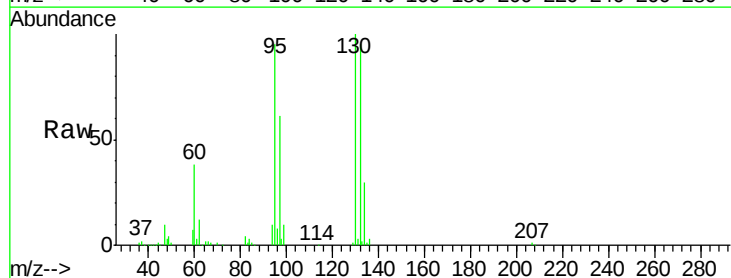
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#44

Trichloroethene
 Concen: 16.575 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.217 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 63 Resp: 54569

Ion Ratio Lower Upper

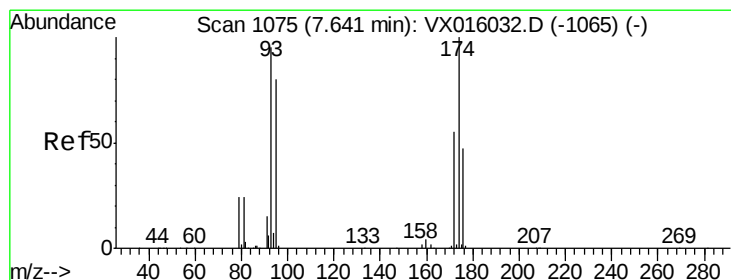
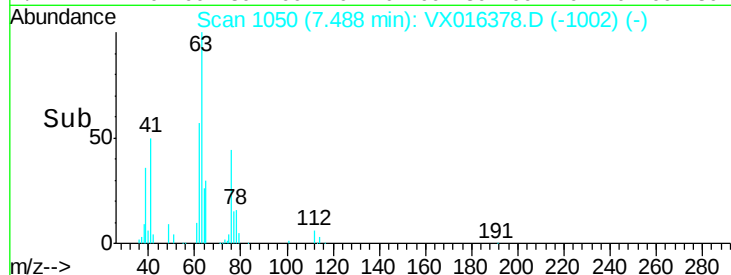
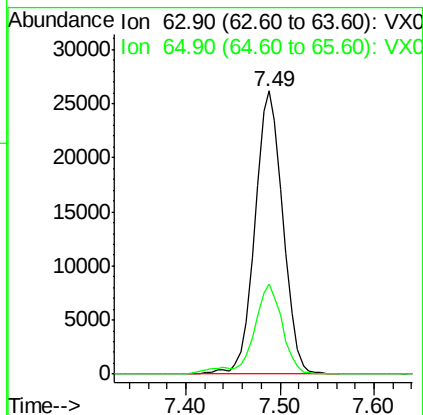
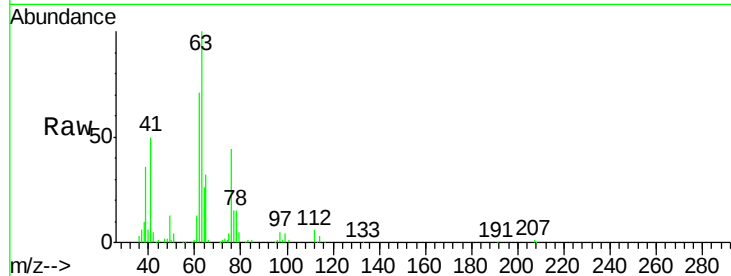
63 100

65 31.6 24.4 36.6

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#46

Dibromomethane

Concen: 17.708 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

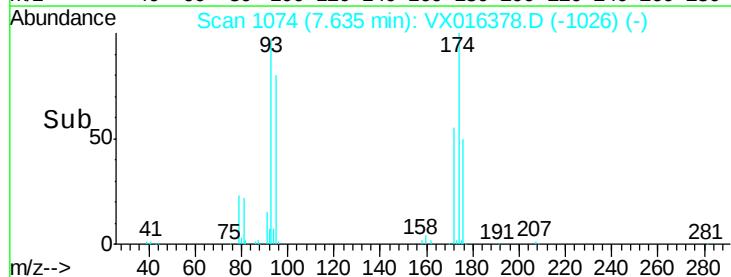
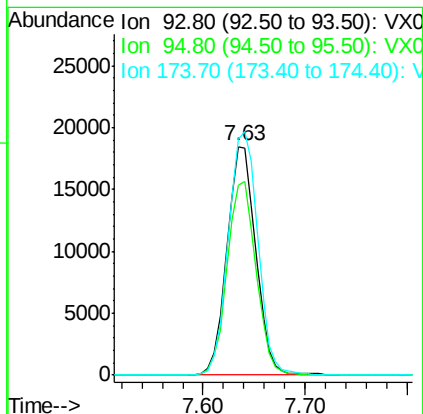
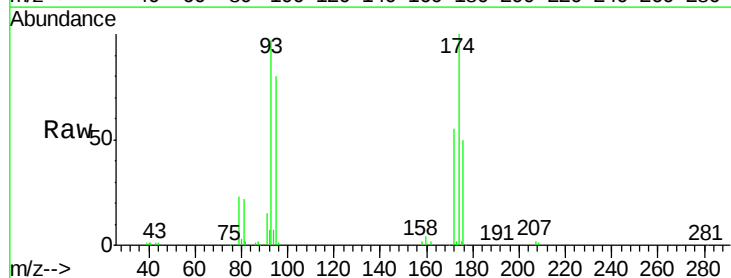
Tgt Ion: 93 Resp: 36047

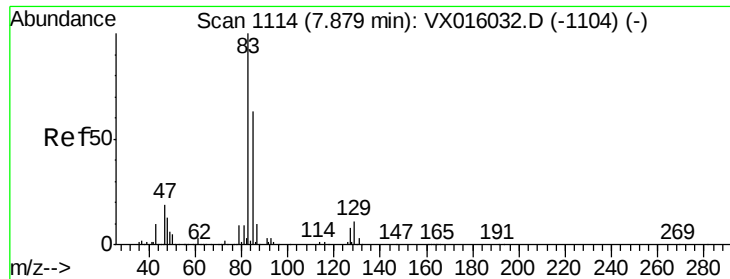
Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

174 108.7 84.2 126.4





#47

Bromodichloromethane

Concen: 17.976 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

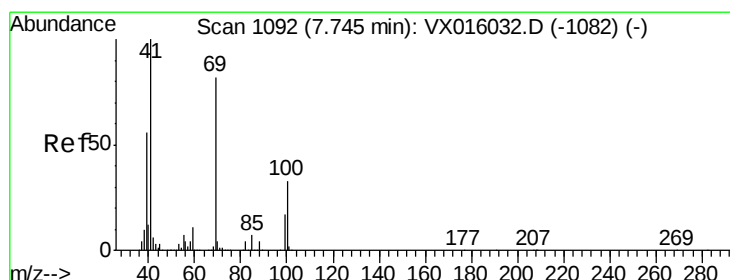
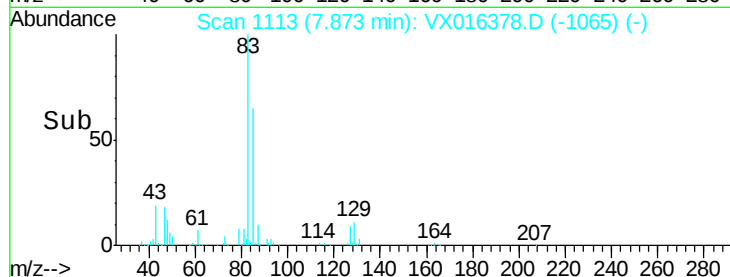
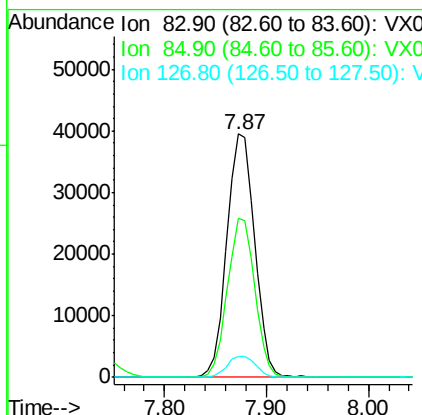
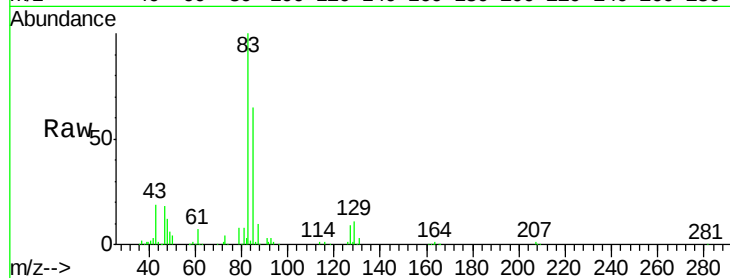
ClientSampleId :

VX0521WBS01

Tot Ion:	83	Resp:	74529
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.5	75.7
127	8.6	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 15.673 ug/l

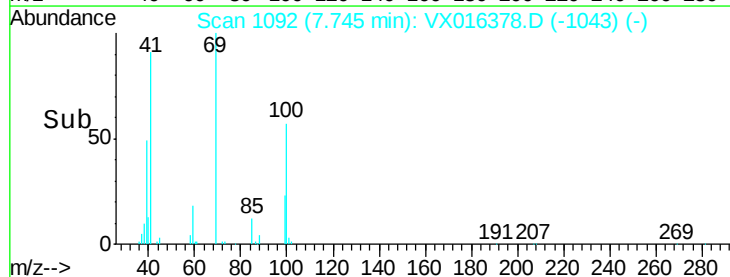
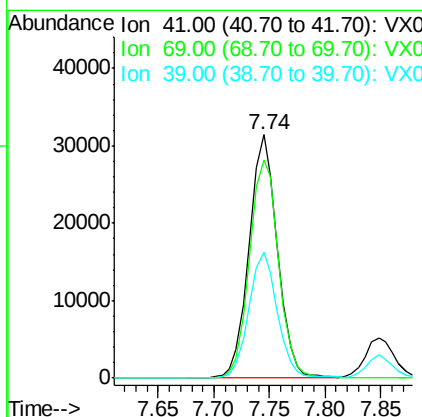
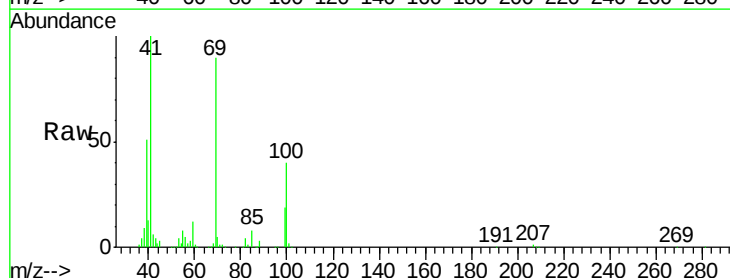
RT: 7.74 min Scan# 1092

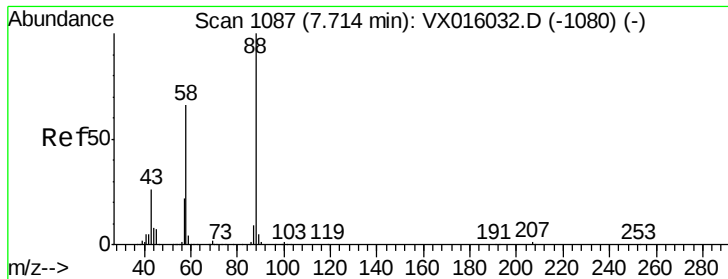
Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion:	41	Resp:	55567
Ion Ratio	Lower	Upper	
41	100		
69	93.1	67.8	101.6
39	52.9	44.6	67.0





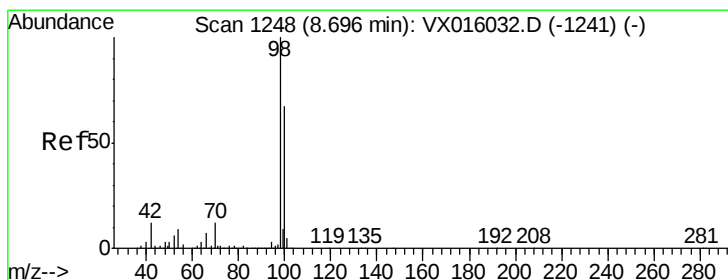
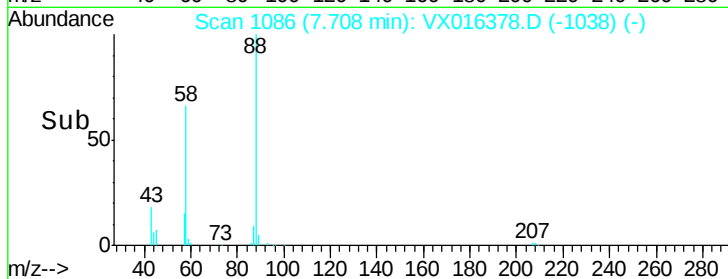
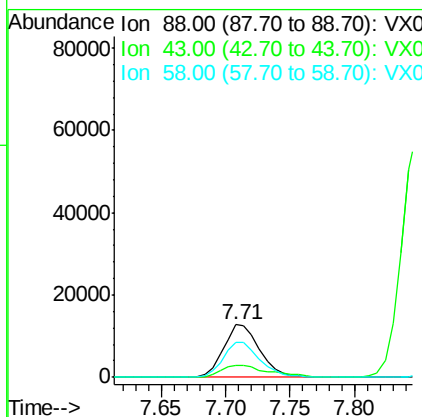
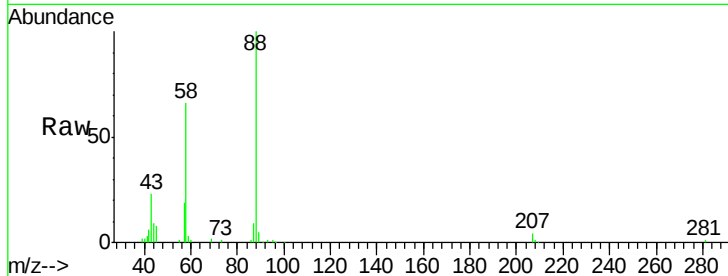
#49
 1,4-Dioxane
 Concen: 296.424 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	25.3	37.9
58	67.5	55.9	83.9

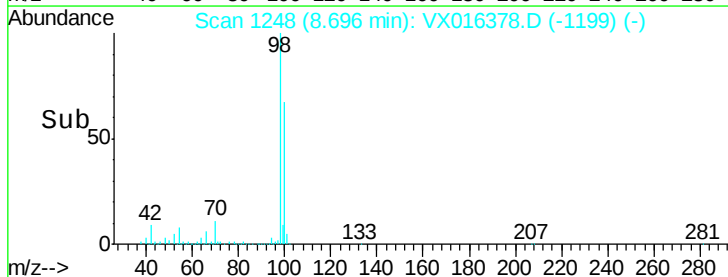
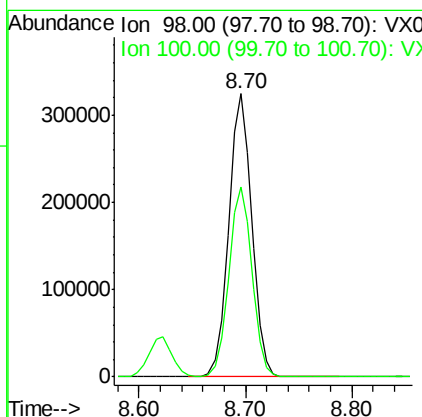
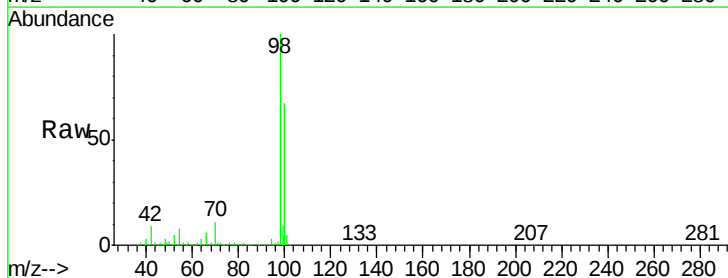
Manual Integrations
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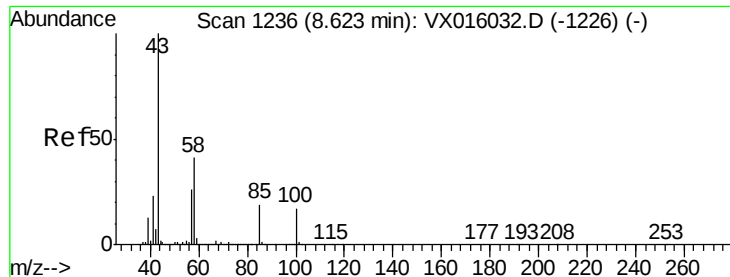
MMDadoda
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#50
 Toluene-d8
 Concen: 49.140 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 81.057 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 43 Resp: 371128

Ion Ratio Lower Upper

43 100

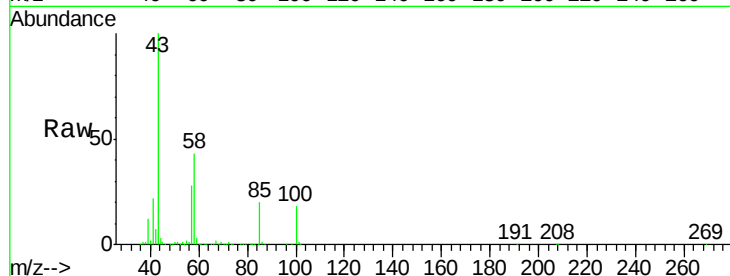
58 43.7 33.0 49.4

Manual Integrations

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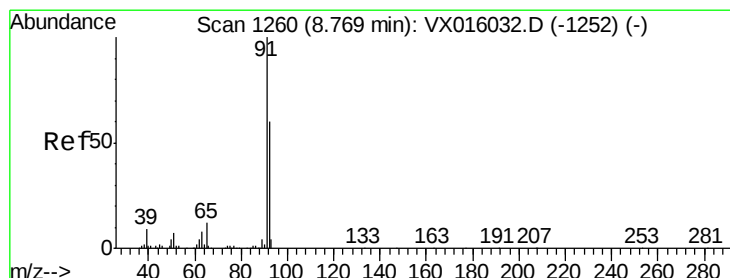
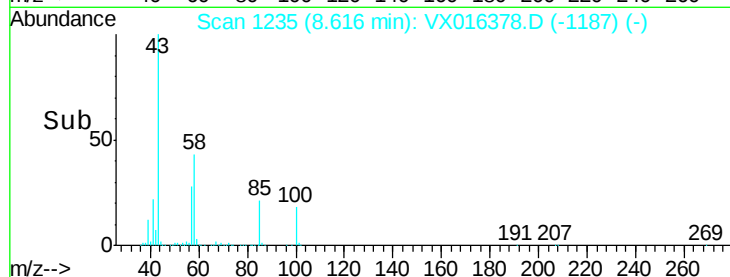
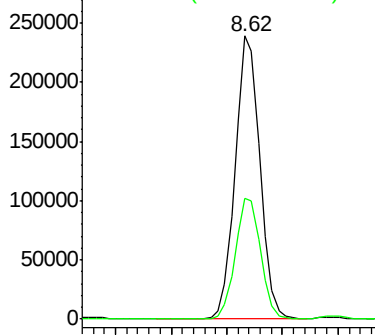
MMDadoda

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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: 18.879 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016378.D

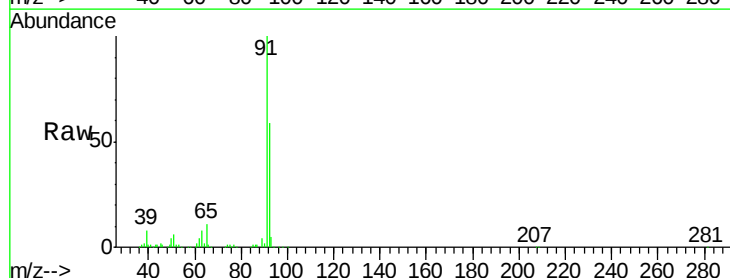
Acq: 21 May 2020 13:03

Tgt Ion: 92 Resp: 139308

Ion Ratio Lower Upper

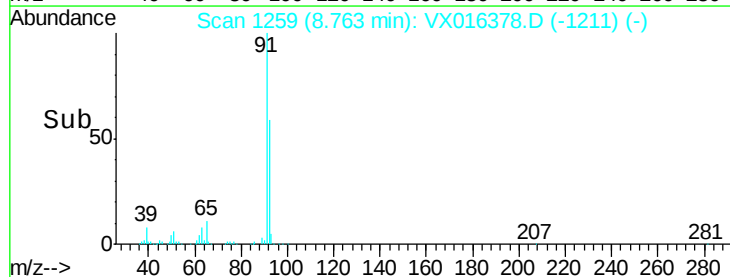
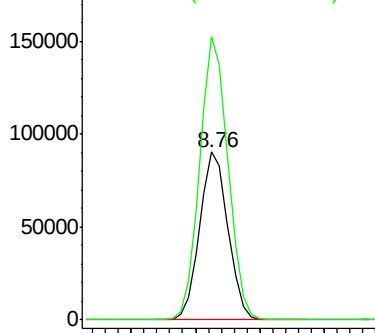
92 100

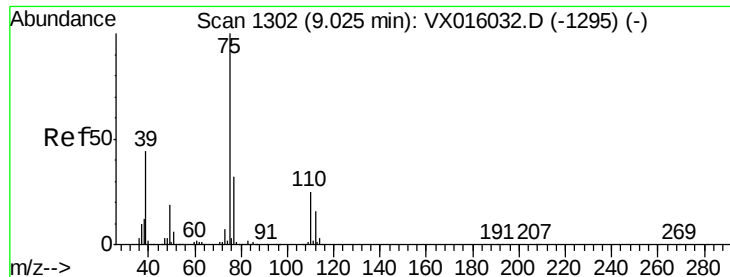
91 167.9 134.5 201.7



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: 17.442 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 75 Resp: 86222

Ion Ratio Lower Upper

75 100

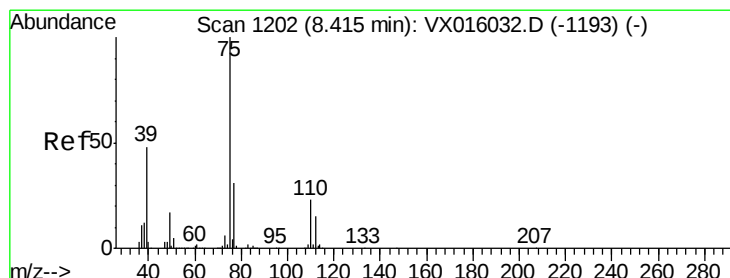
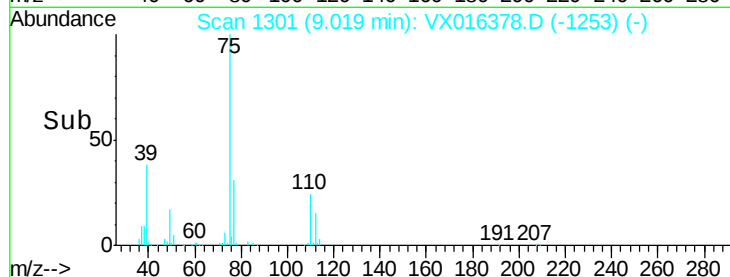
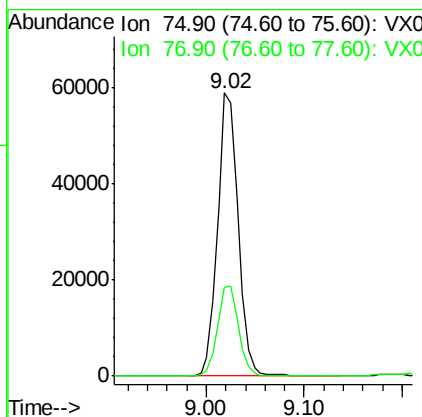
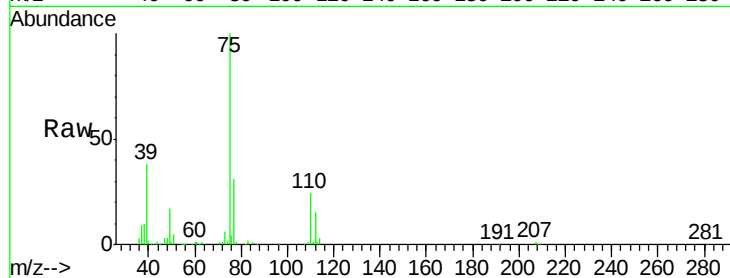
77 31.3 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.993 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

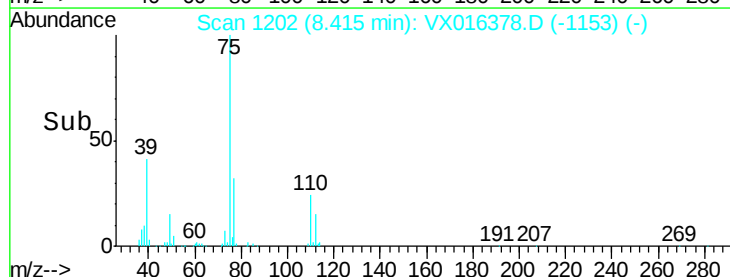
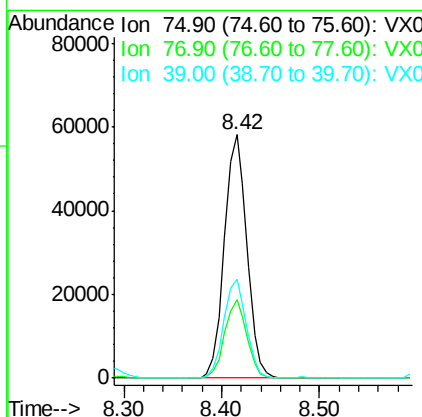
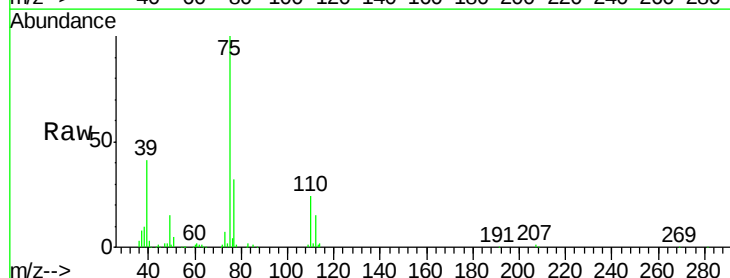
Tgt Ion: 75 Resp: 92903

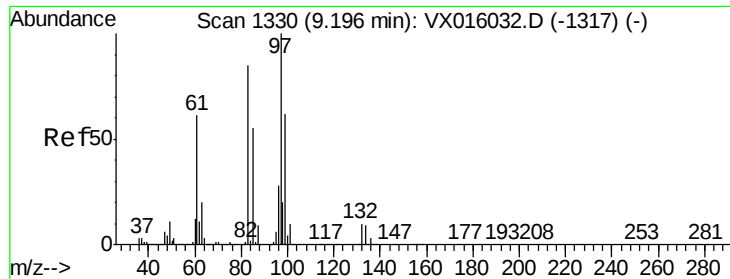
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 40.5 38.7 58.1





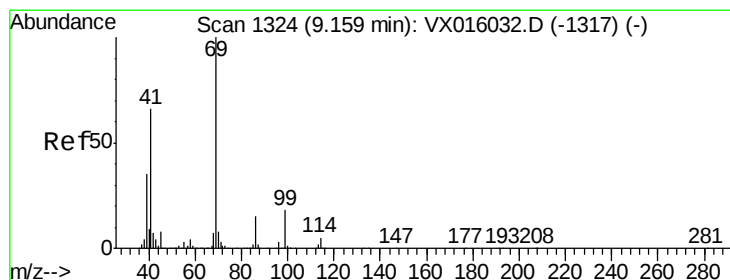
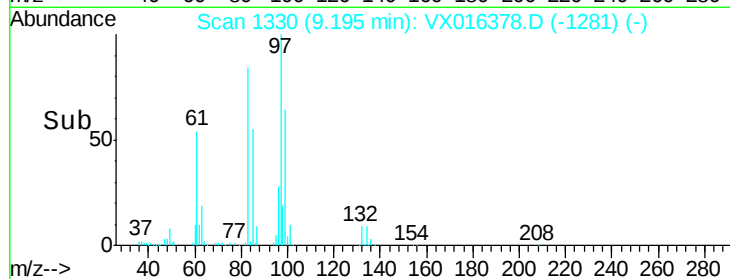
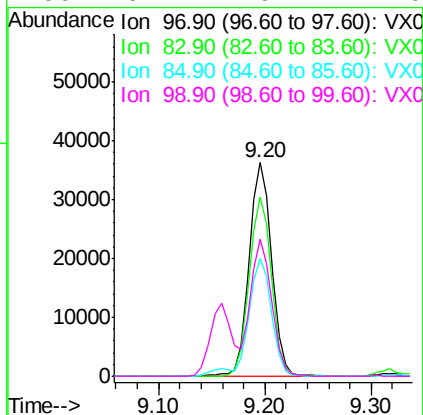
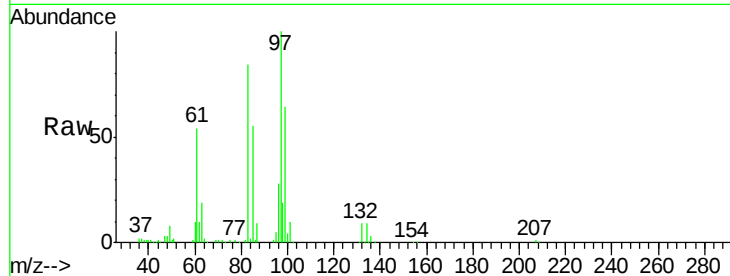
#55
 1,1,2-Trichloroethane
 Concen: 18.619 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		54055		
83	83.8	67.8	101.8		
85	55.1	43.8	65.8		
99	64.2	49.4	74.0		

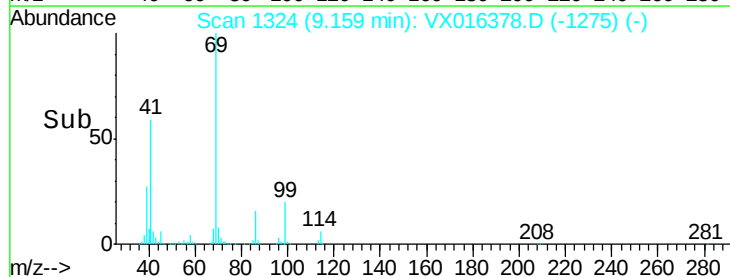
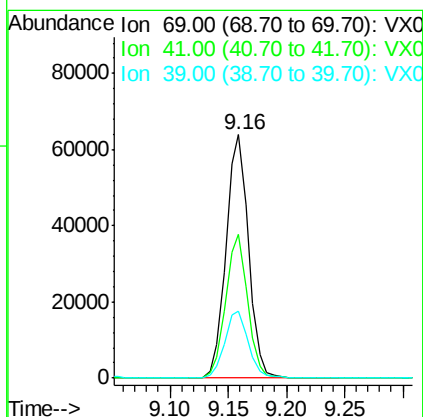
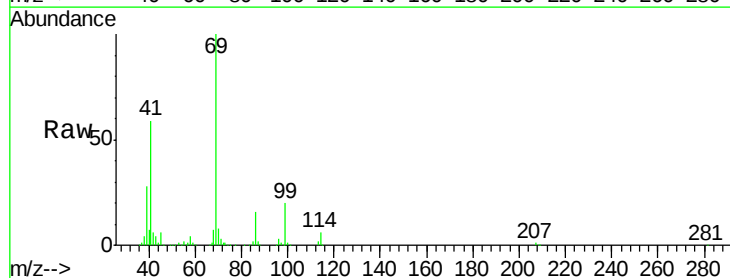
Manual Integrations
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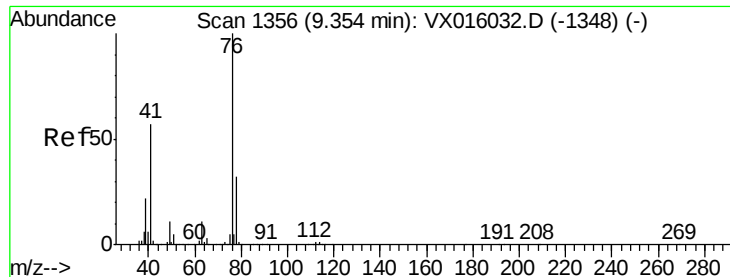
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#56
 Ethyl methacrylate
 Concen: 18.054 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		85555		
41	57.9	52.2	78.4		
39	29.1	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 18.499 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 76 Resp: 93711

Ion Ratio Lower Upper

76 100

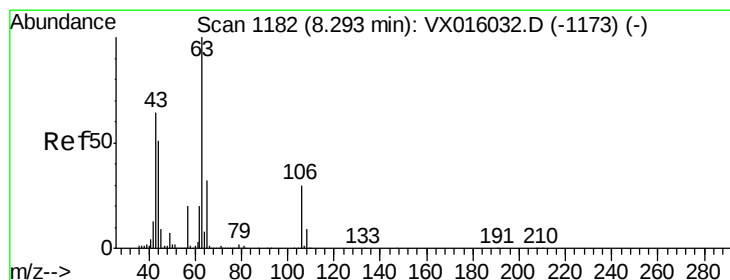
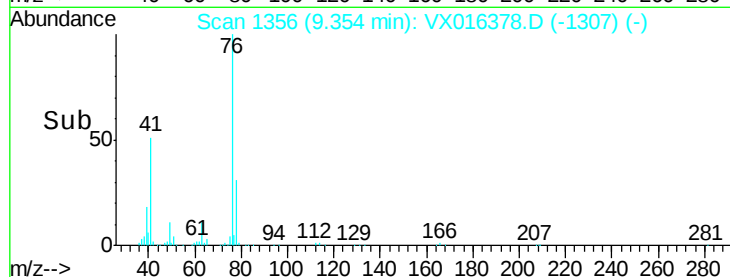
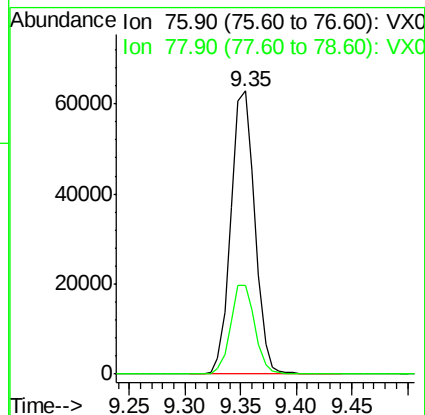
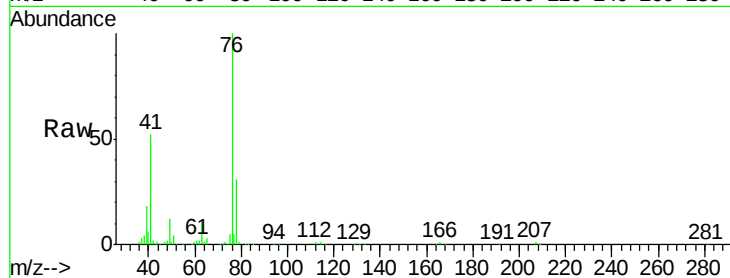
78 31.8 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 81.023 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016378.D

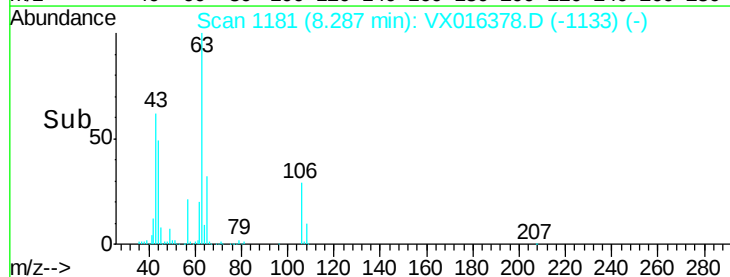
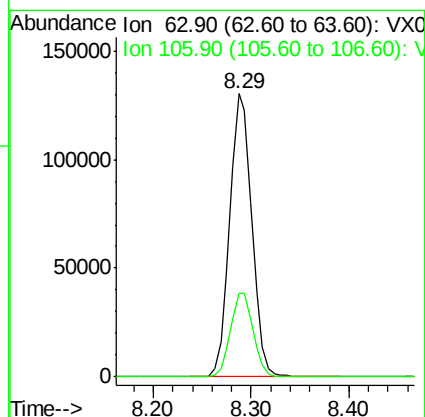
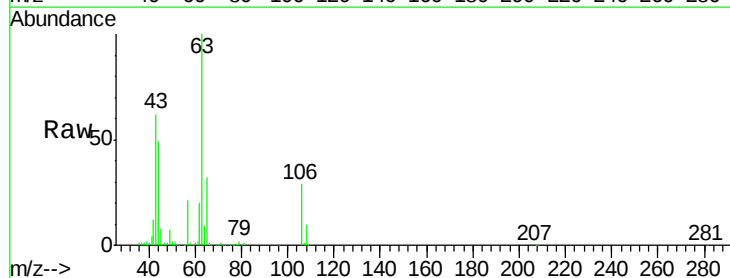
Acq: 21 May 2020 13:03

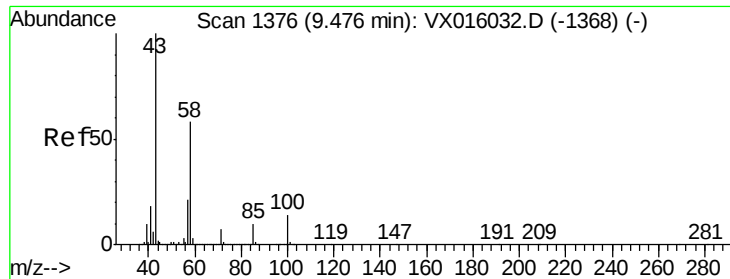
Tgt Ion: 63 Resp: 204412

Ion Ratio Lower Upper

63 100

106 30.3 23.4 35.2





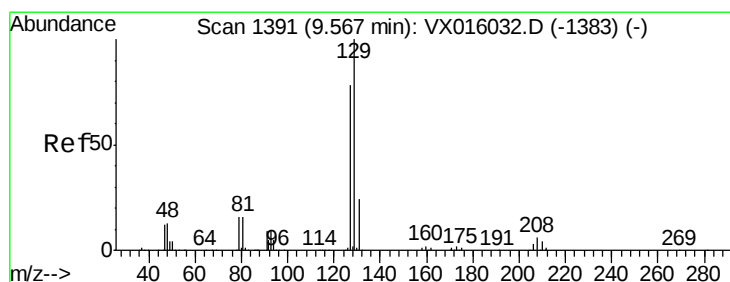
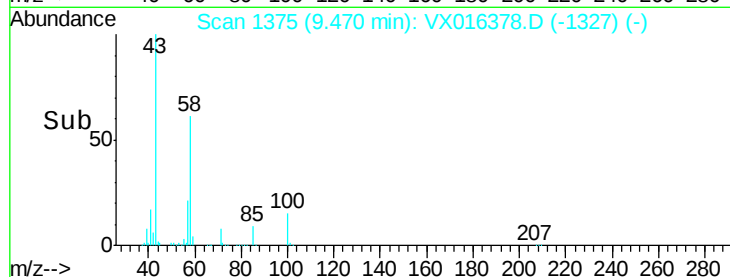
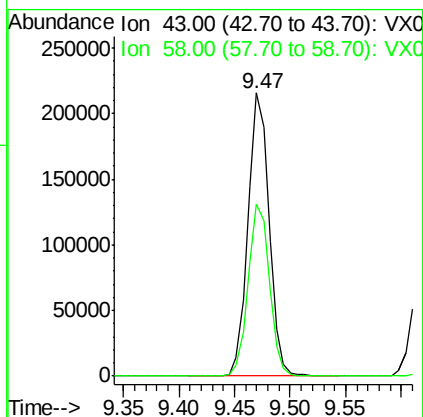
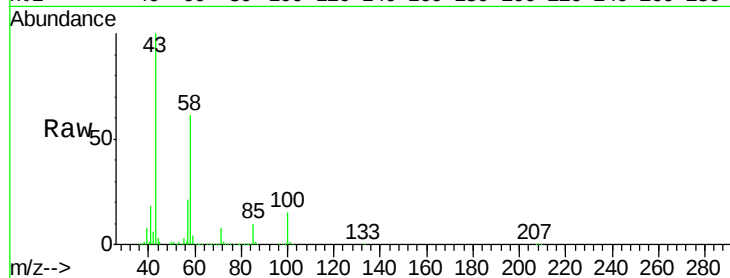
#59
2-Hexanone
Concen: 79.274 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.2	28.6	85.9

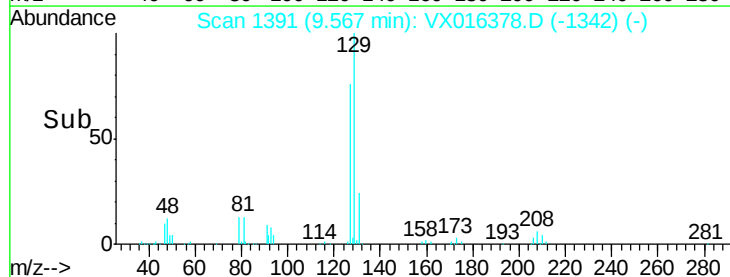
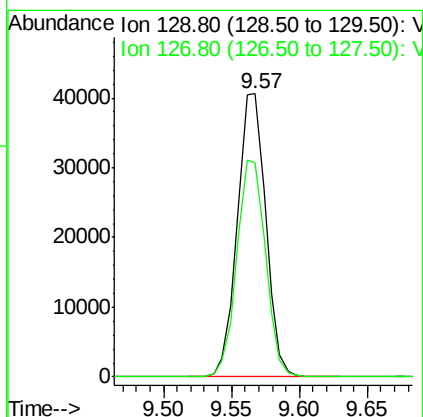
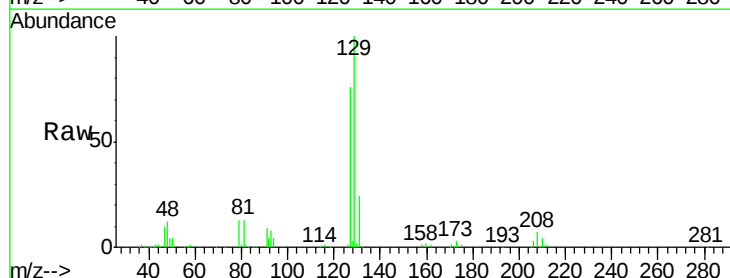
Manual Integrations
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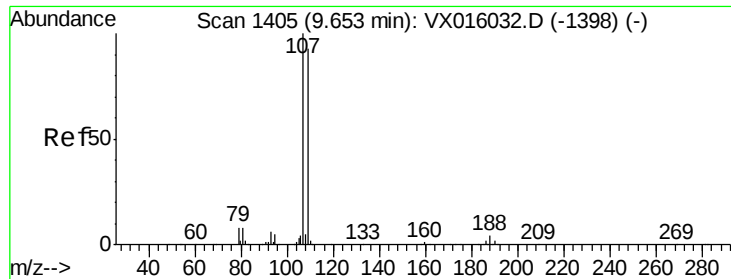
MMDadoda
5/22/2020 4:02:55 PM



#60
Dibromochloromethane
Concen: 18.566 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2





#61

1,2-Dibromoethane

Concen: 18.223 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 107 Resp: 57306

Ion Ratio Lower Upper

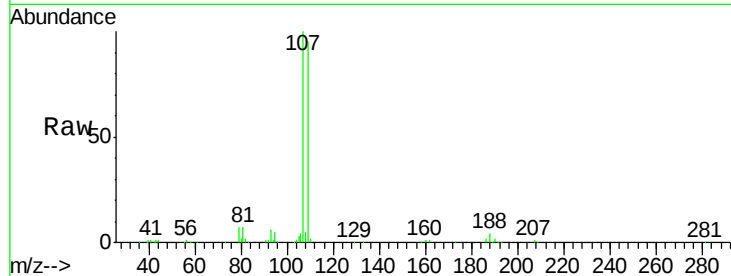
107 100

109 93.2 74.9 112.3

Manual Integrations
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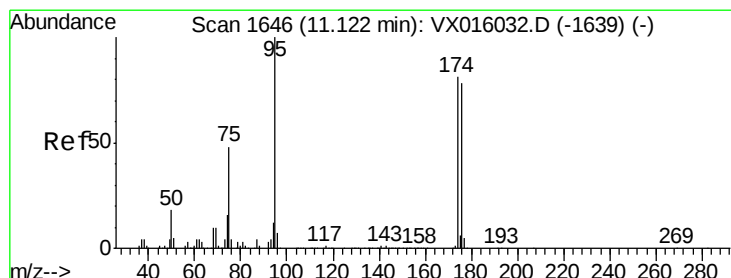
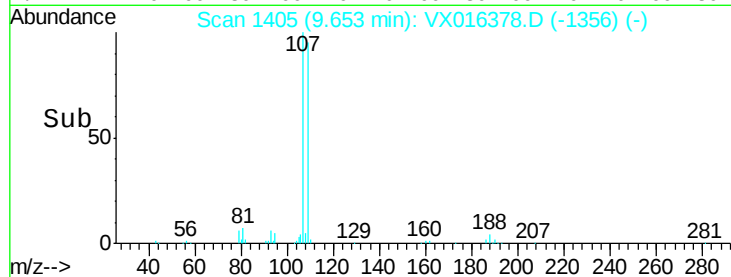
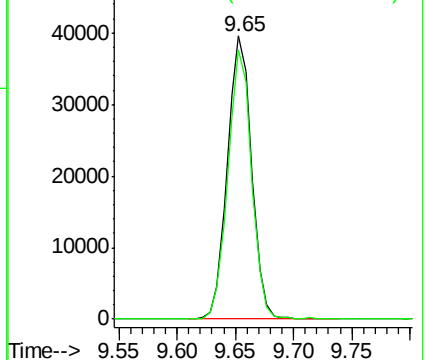
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.751 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

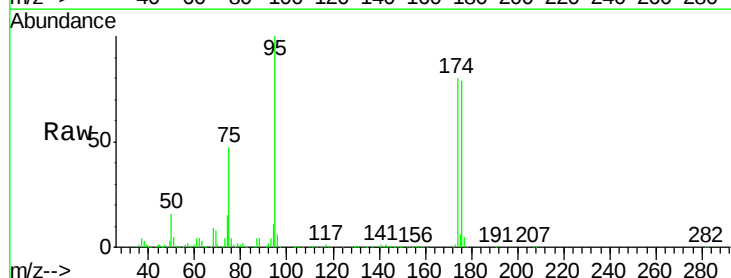
Tgt Ion: 95 Resp: 186046

Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.4

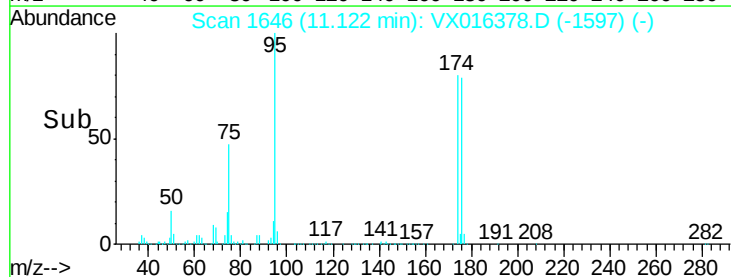
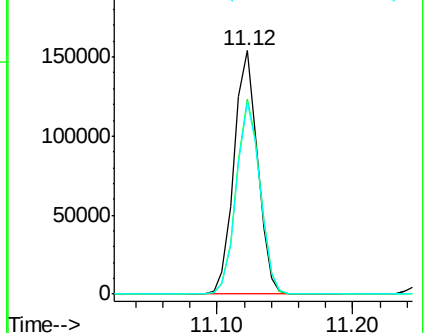
176 79.1 0.0 157.6

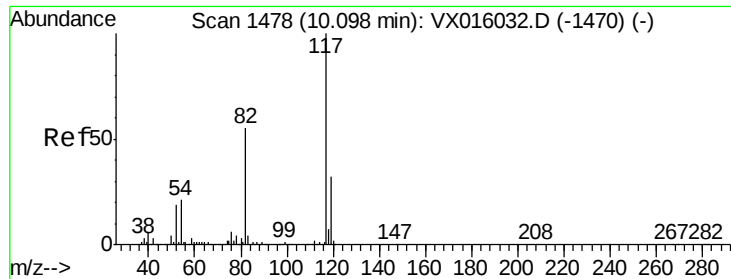


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





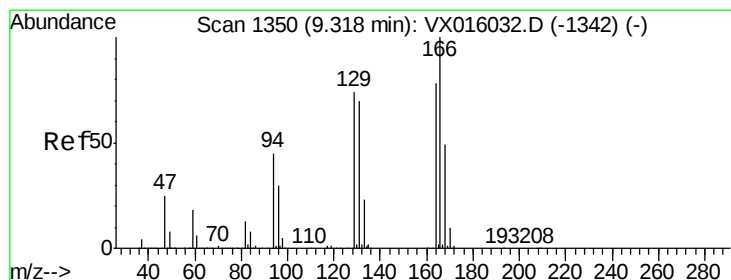
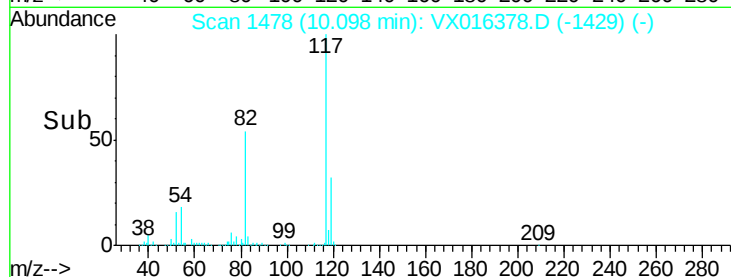
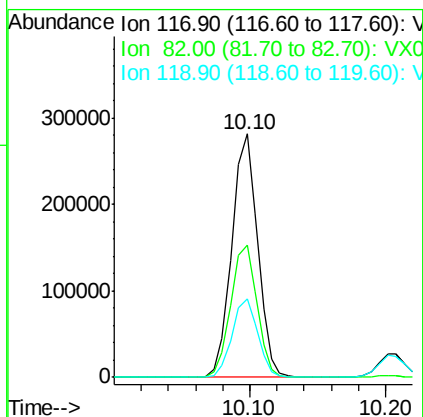
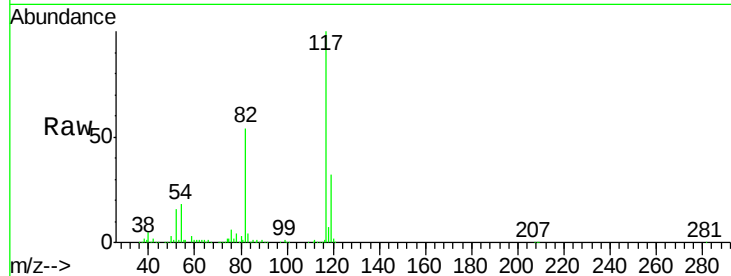
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	372206		
82	54.4		44.4	66.6
119	32.2		25.5	38.3

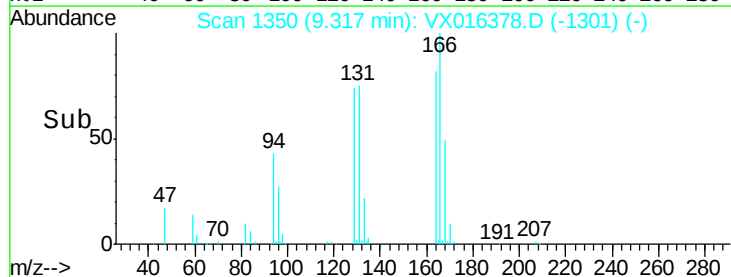
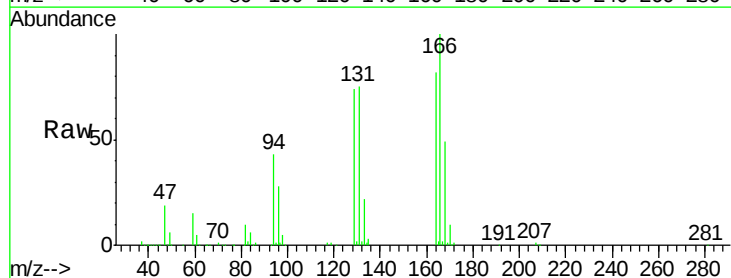
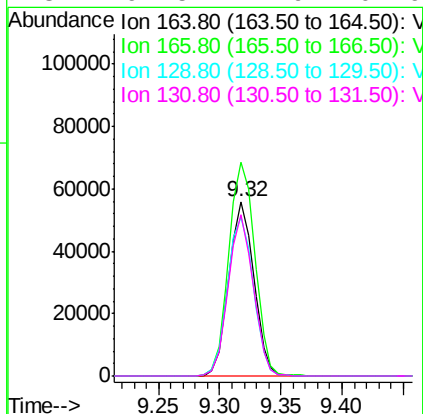
Manual Integrations
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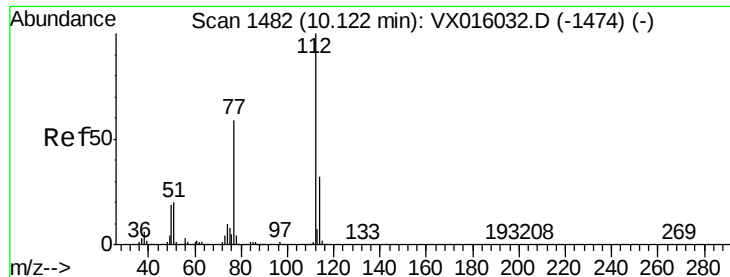
MMDadoda
5/22/2020 4:02:55 PM



#64
Tetrachloroethene
Concen: 17.267 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78899		
166	122.6		102.9	154.3
129	91.0		76.1	114.1
131	92.5		71.9	107.9





#65

Chlorobenzene

Concen: 18.870 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion:112 Resp: 147065

Ion Ratio Lower Upper

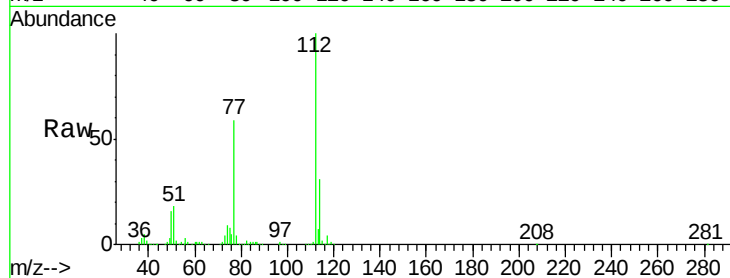
112 100

114 31.2 25.7 38.5

Manual Integrations
APPROVED

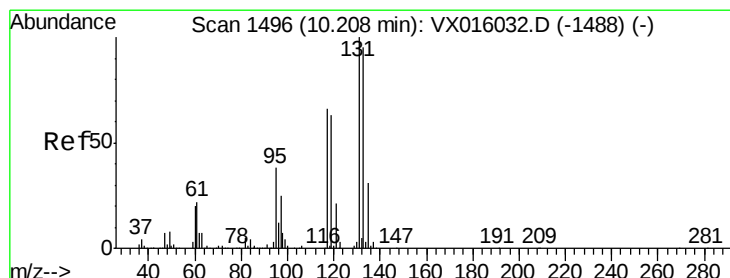
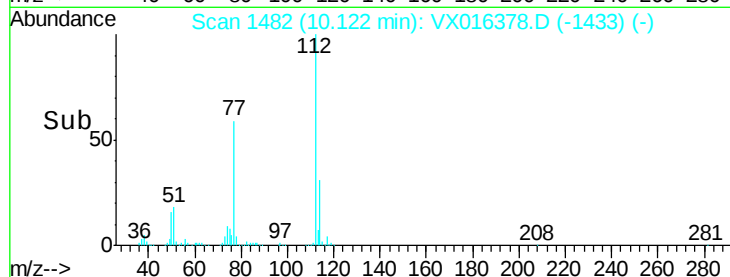
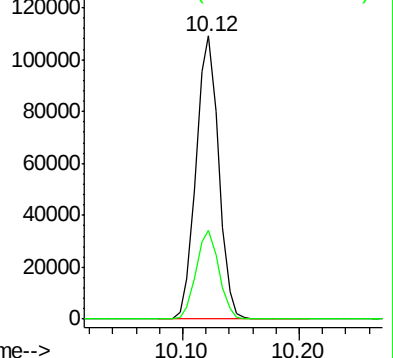
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.925 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

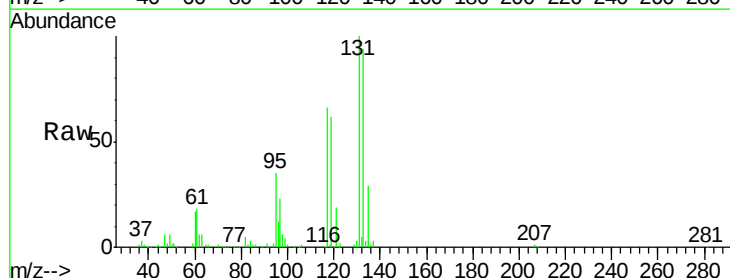
Tgt Ion:131 Resp: 54514

Ion Ratio Lower Upper

131 100

133 97.2 48.3 144.8

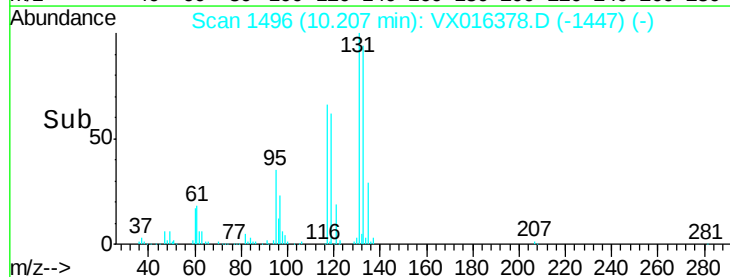
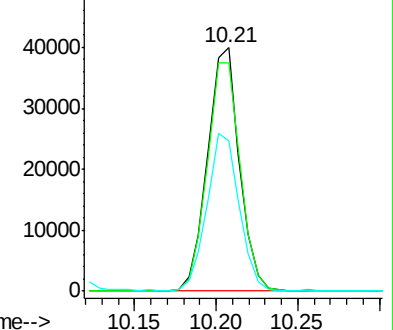
119 65.8 32.3 96.9

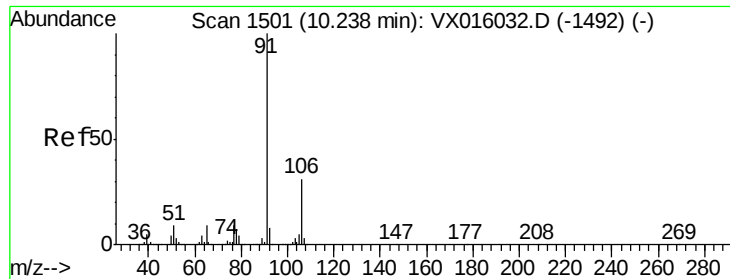


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





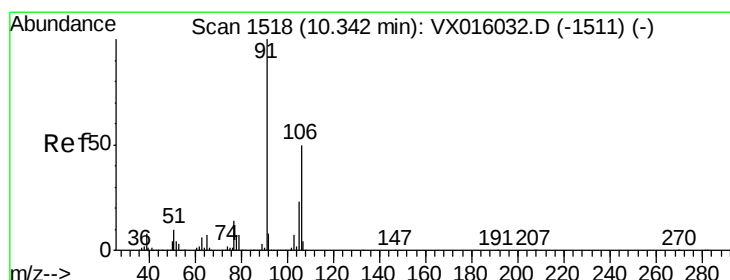
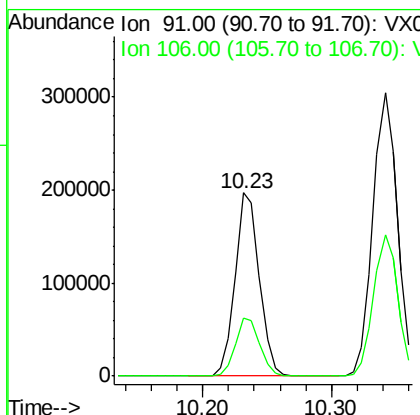
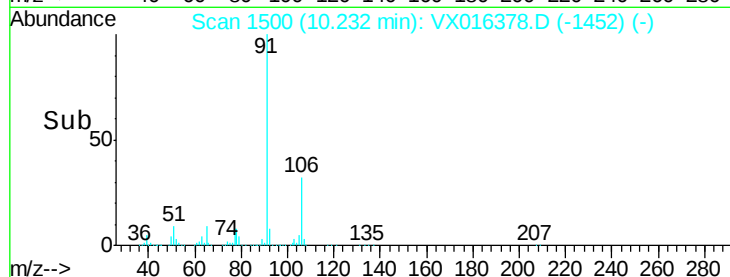
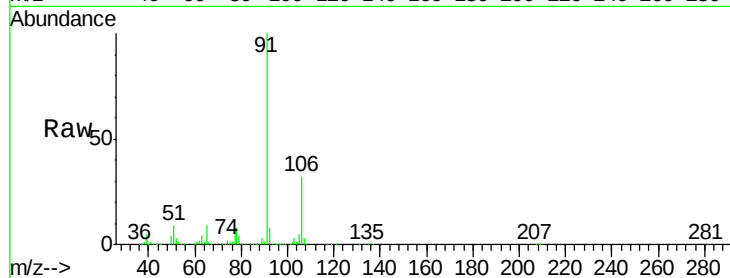
#67
Ethyl Benzene
Concen: 18.576 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion: 91 Resp: 258312
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7

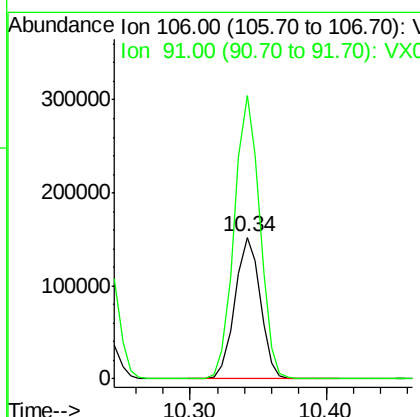
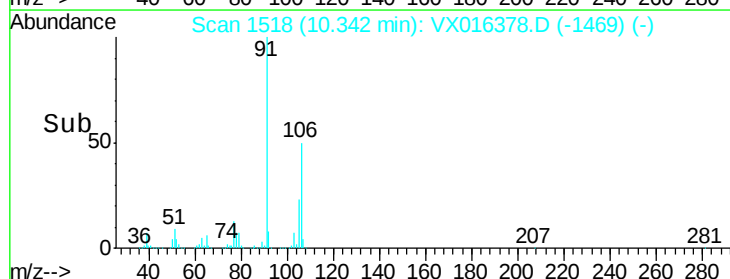
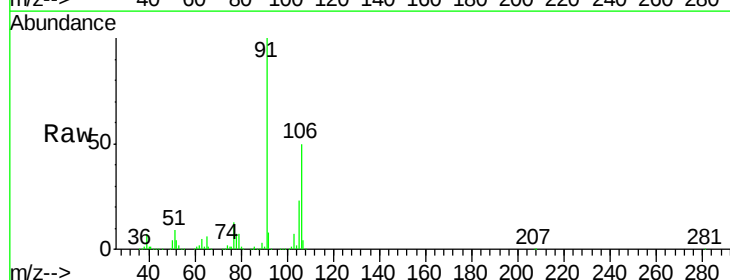
Manual Integrations
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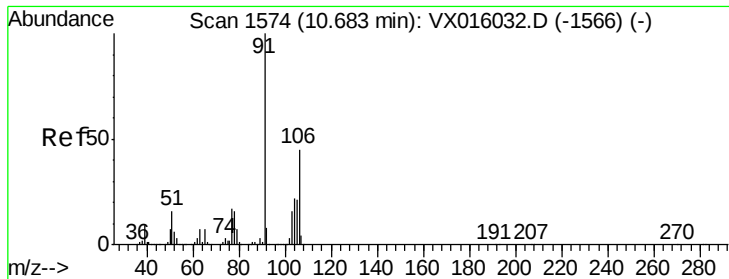
MMDadoda
5/22/2020 4:02:55 PM



#68
m/p-Xylenes
Concen: 38.153 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 106 Resp: 198775
Ion Ratio Lower Upper
106 100
91 200.3 161.7 242.5





#69

o-Xylene

Concen: 19.005 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion:106 Resp: 95178

Ion Ratio Lower Upper

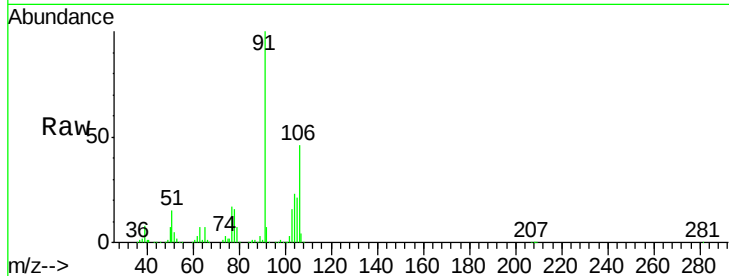
106 100

91 211.6 107.5 322.6

Manual Integrations
APPROVED

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

150000

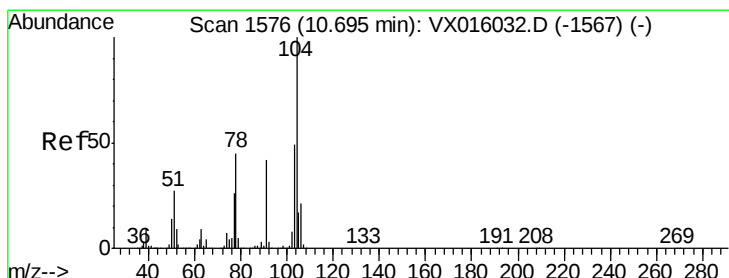
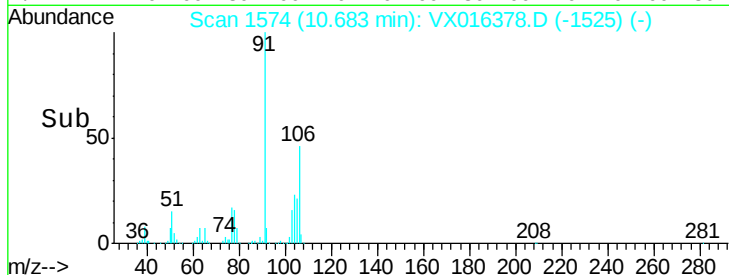
100000

50000

0

10.68

Time--> 10.60 10.65 10.70 10.75



#70

Styrene

Concen: 18.693 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

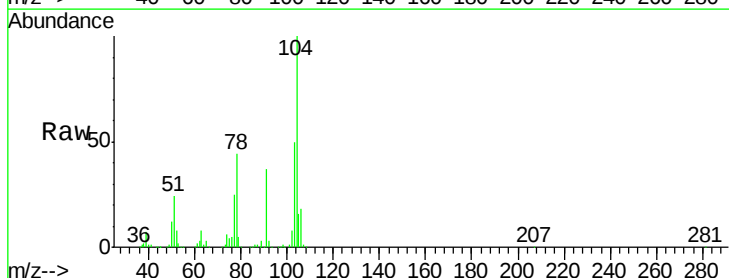
Tgt Ion:104 Resp: 158820

Ion Ratio Lower Upper

104 100

78 49.1 40.2 60.2

103 54.1 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

150000

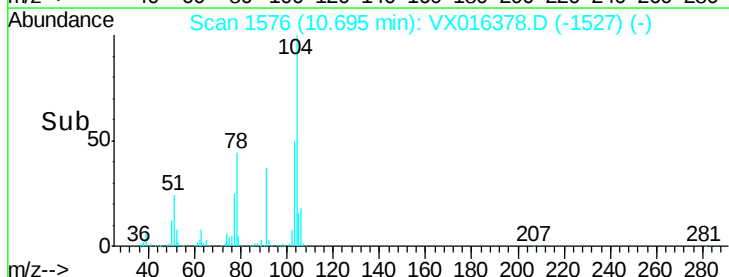
100000

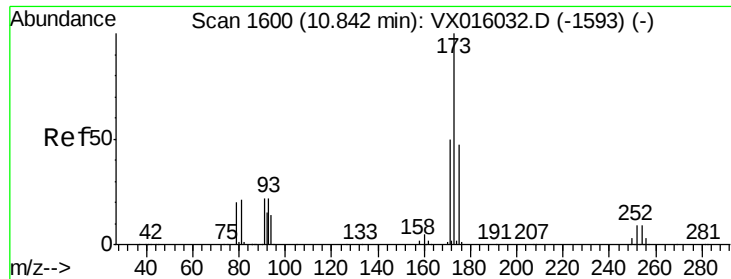
50000

0

10.70

Time--> 10.60 10.70 10.80





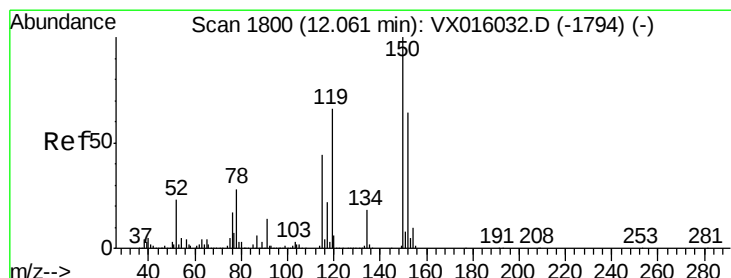
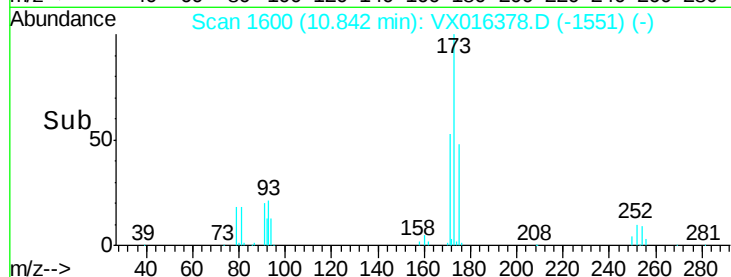
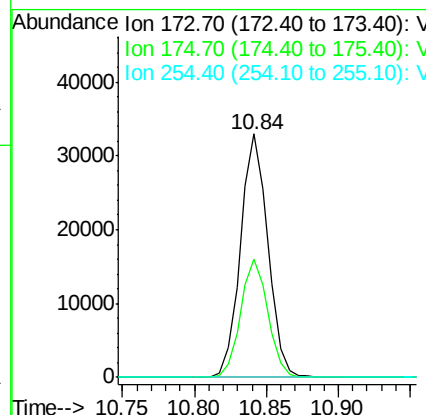
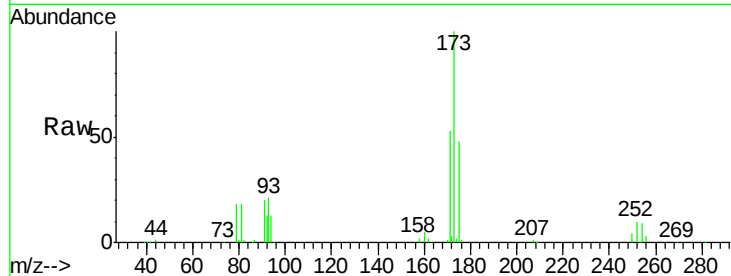
#71
Bromoform
Concen: 18.619 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.1	0.1

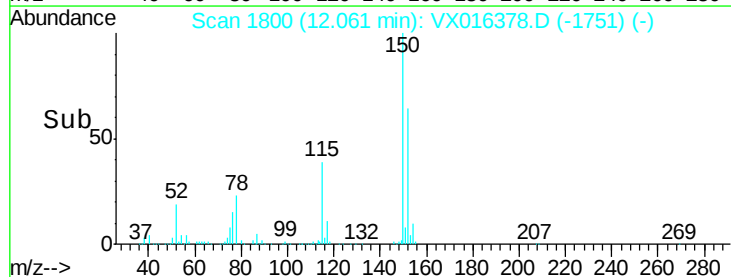
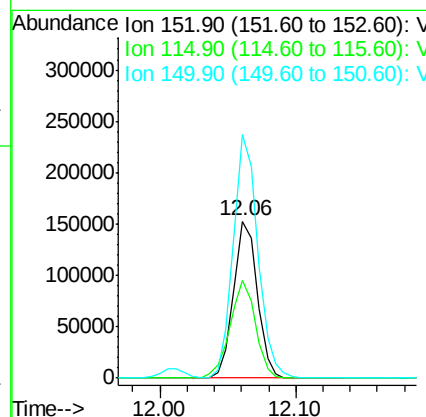
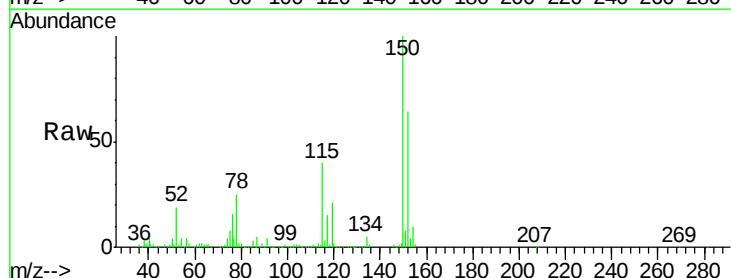
Manual Integrations
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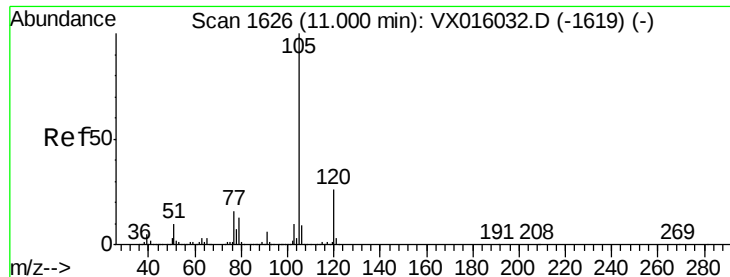
MMDadoda
5/22/2020 4:02:55 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.7	41.3	124.1
150	161.8	0.0	352.2





#73

Isopropylbenzene

Concen: 18.440 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 105 Resp: 247882

Ion Ratio Lower Upper

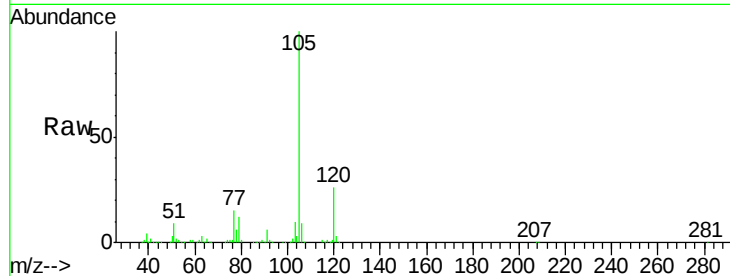
105 100

120 26.5 13.4 40.2

Manual Integrations
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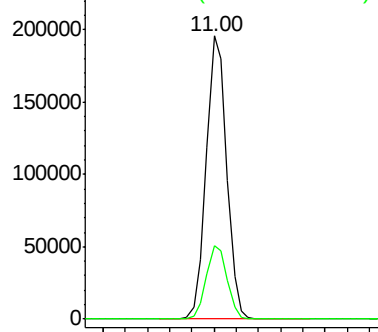
MMDadoda

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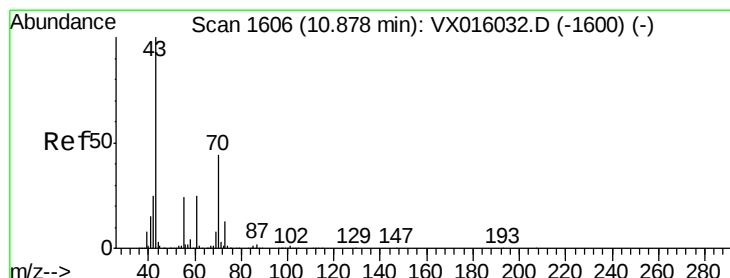
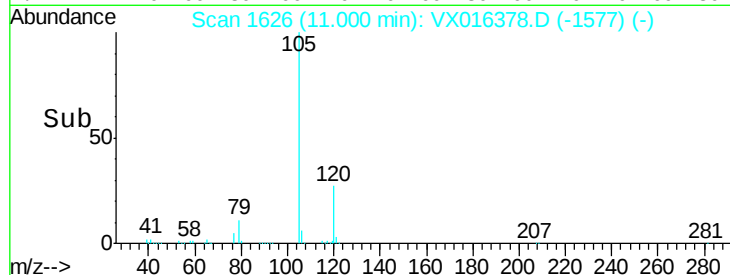


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 16.096 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion: 43 Resp: 100922

Ion Ratio Lower Upper

43 100

70 48.6 36.5 54.7

55 26.6 19.7 29.5

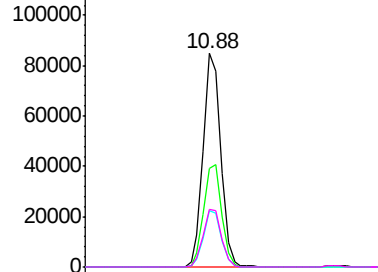
61 27.6 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

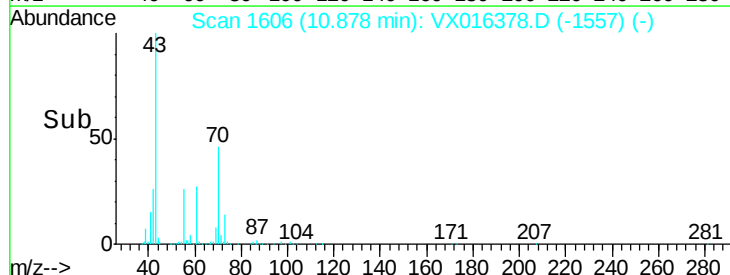
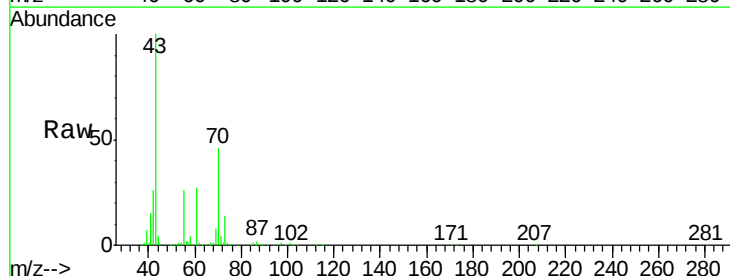
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 24.542 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

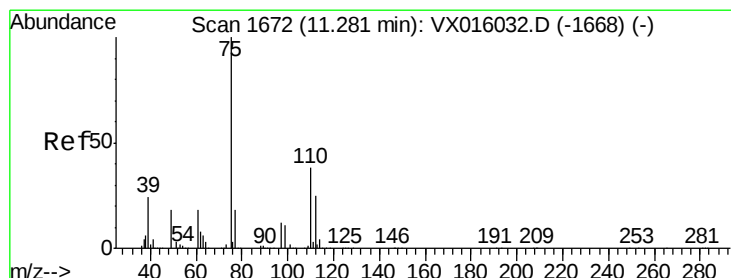
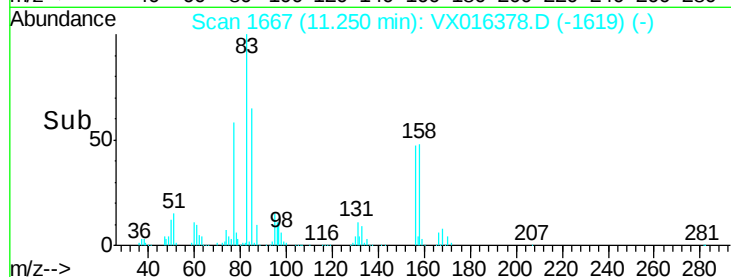
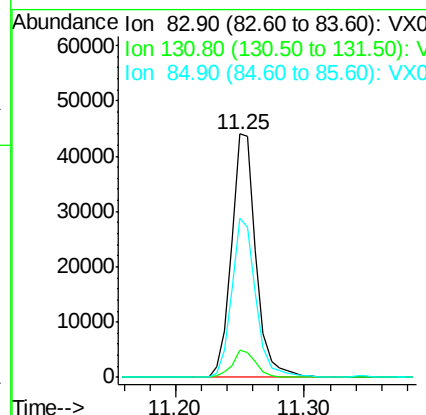
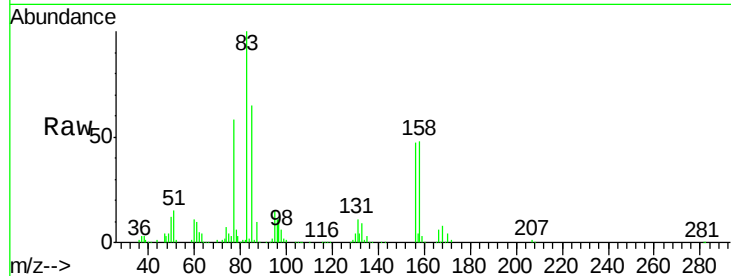
ClientSampleId :

VX0521WBS01

Tot Ion:	83	Resp:	58921
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	64.4	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.200 ug/l m

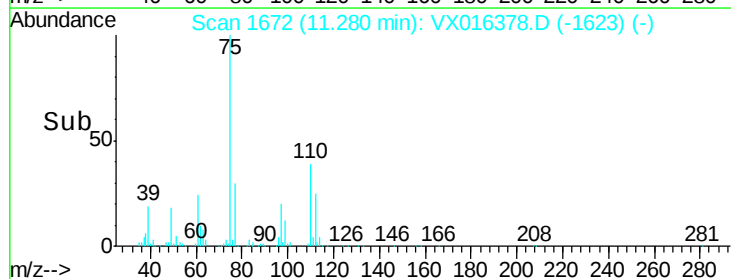
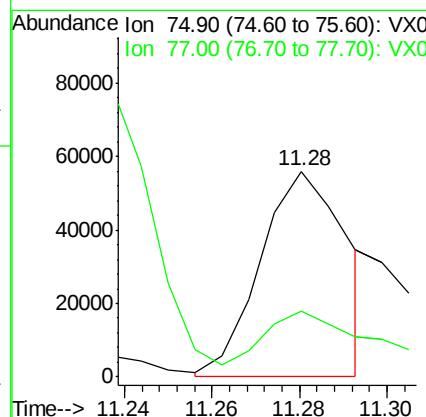
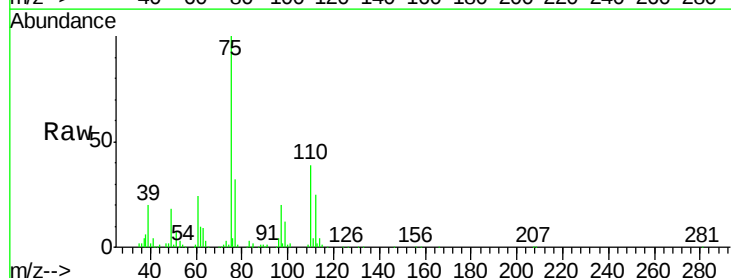
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion:	75	Resp:	76329
Ion Ratio	Lower	Upper	
75	100		
77	41.7	21.2	63.6





#77

Bromobenzene

Concen: 18.053 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion:156 Resp: 62637

Ion Ratio Lower Upper

156 100

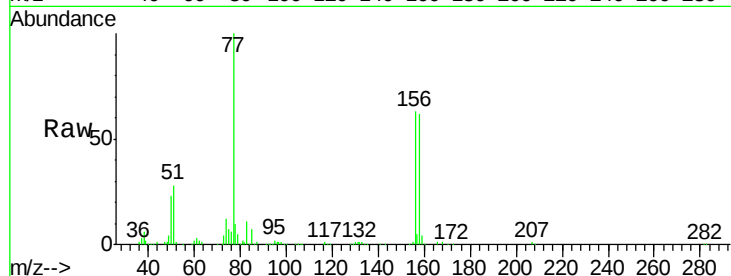
77 156.0 80.1 240.3

158 97.4 49.4 148.2

Manual Integrations
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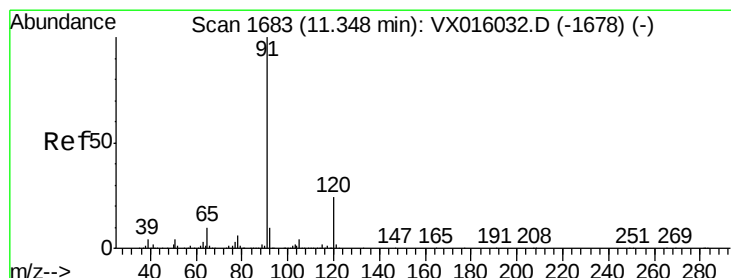
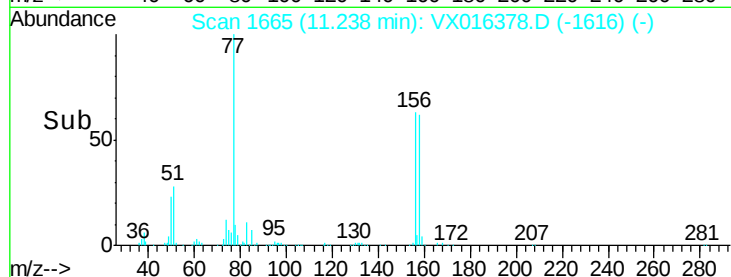
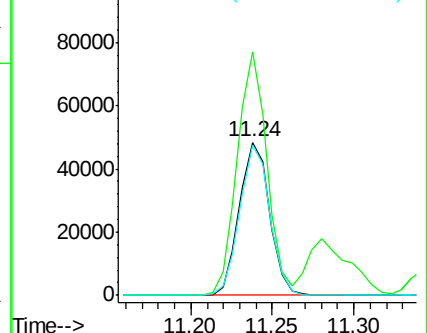
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.584 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016378.D

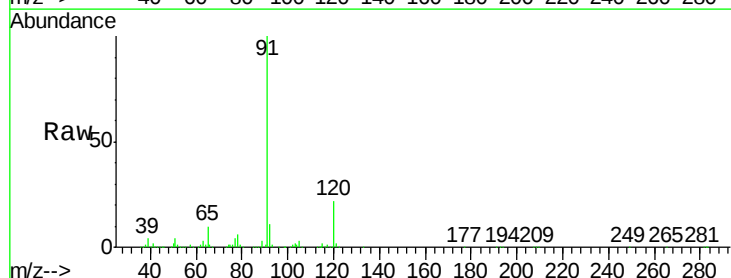
Acq: 21 May 2020 13:03

Tgt Ion: 91 Resp: 274983

Ion Ratio Lower Upper

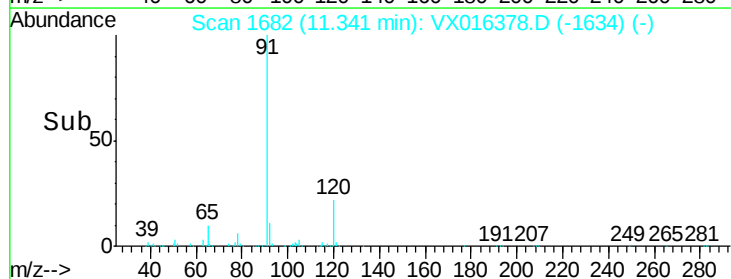
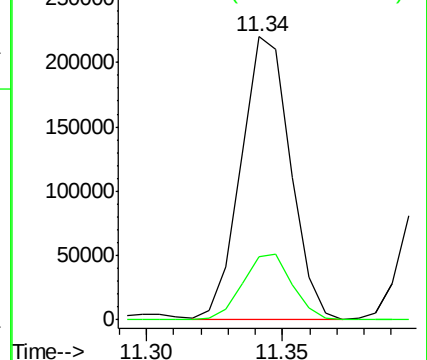
91 100

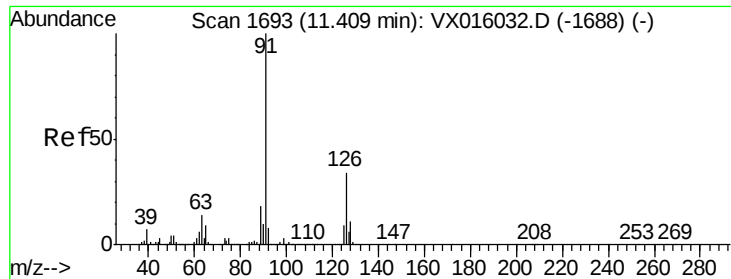
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





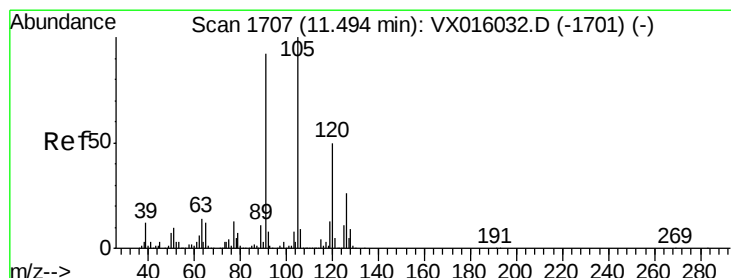
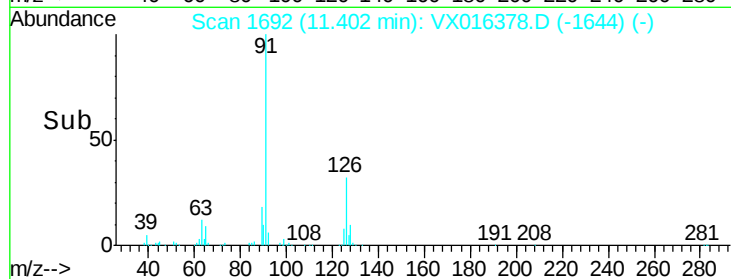
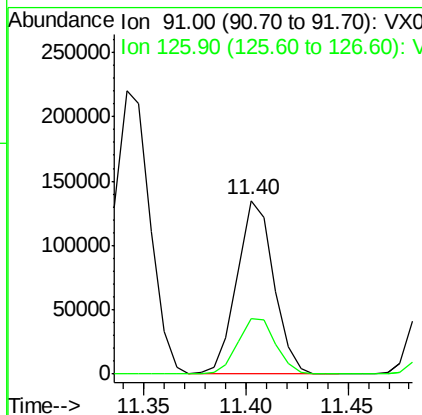
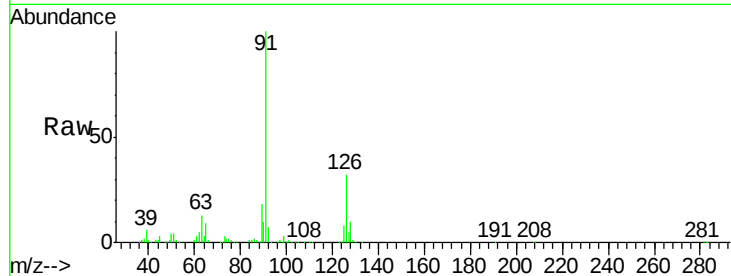
#79
 2-Chlorotoluene
 Concen: 18.157 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion: 91 Resp: 167607
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.6

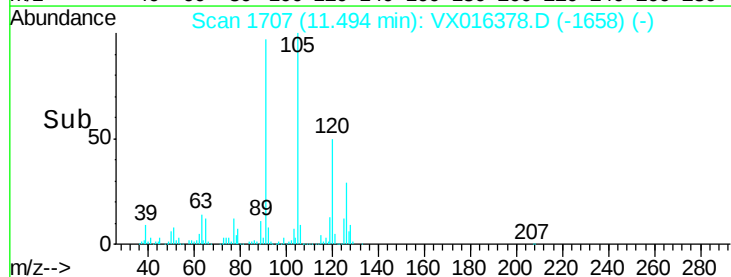
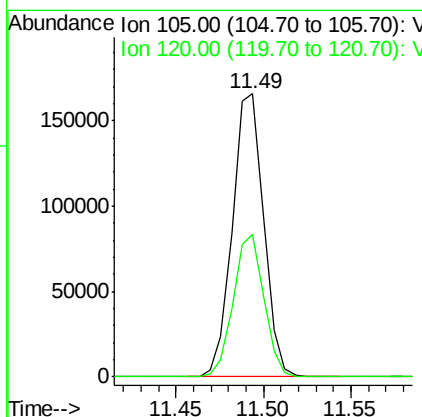
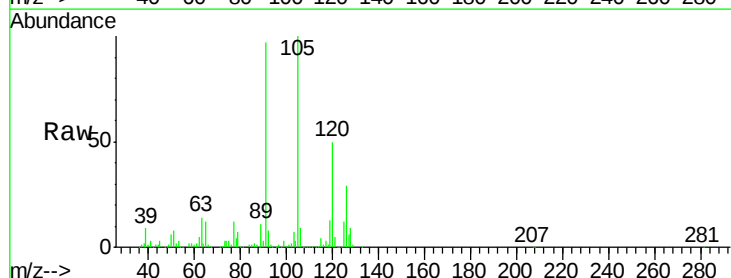
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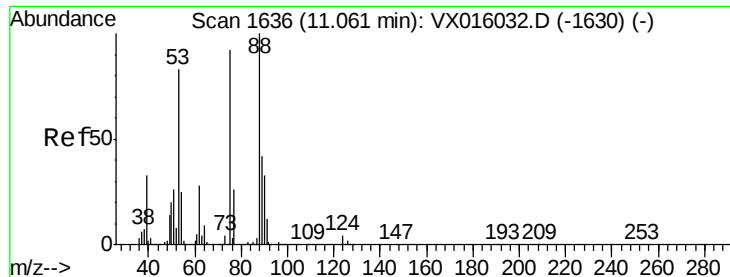
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.163 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion: 105 Resp: 206141
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0





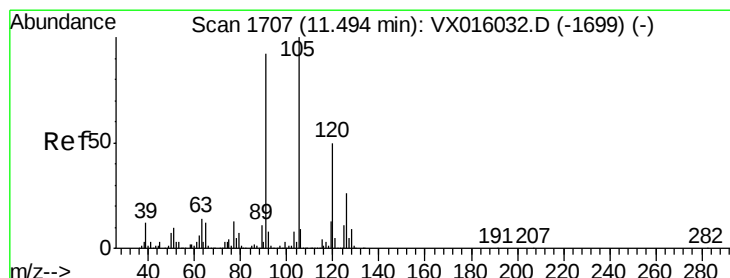
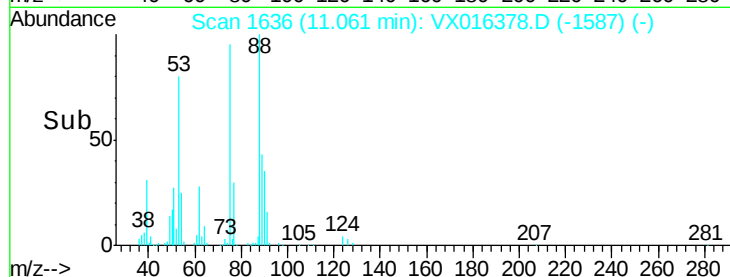
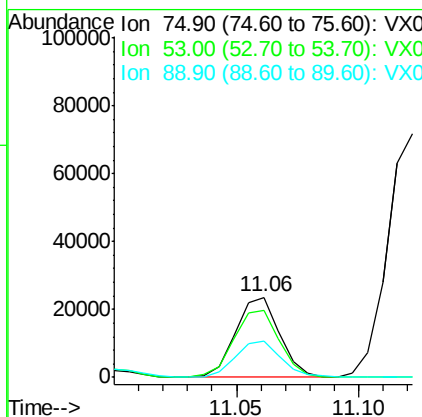
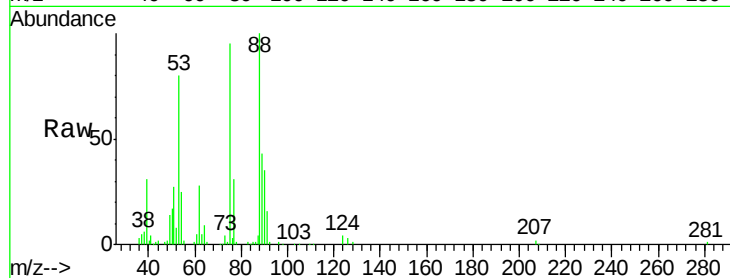
#81
trans-1,4-Dichloro-2-butene
Concen: 16.650 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.1	73.1	109.7
89	48.3	36.7	55.1

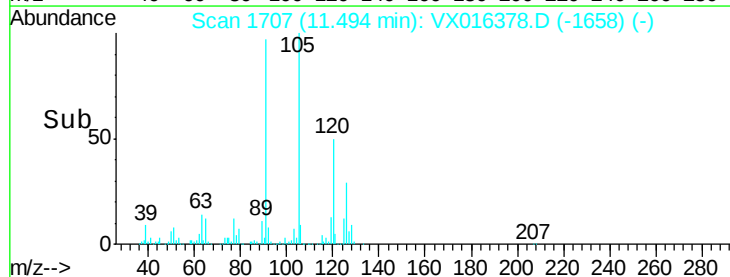
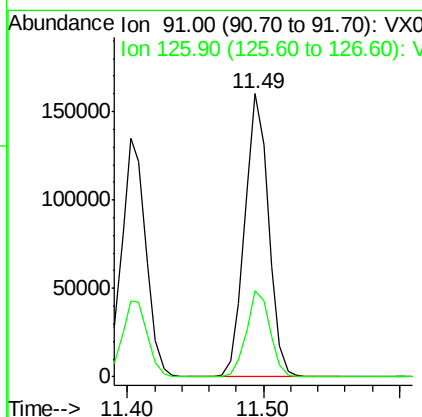
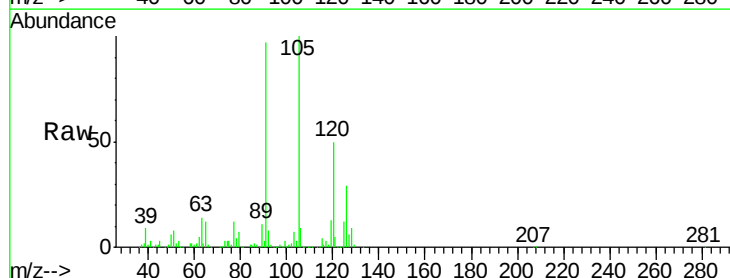
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#82
4-Chlorotoluene
Concen: 17.927 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	14.8	44.3





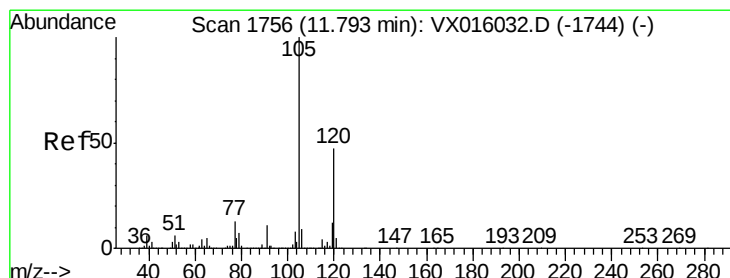
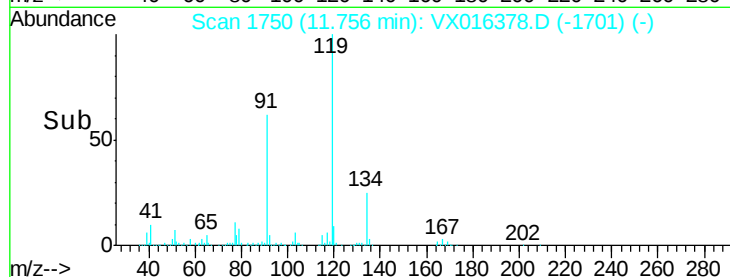
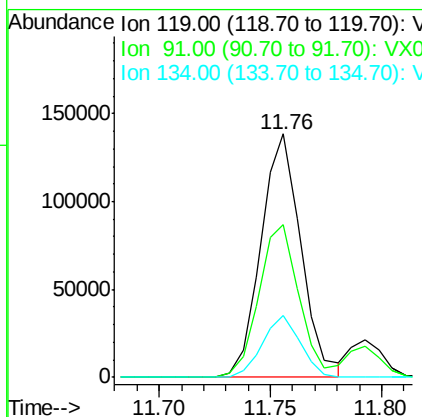
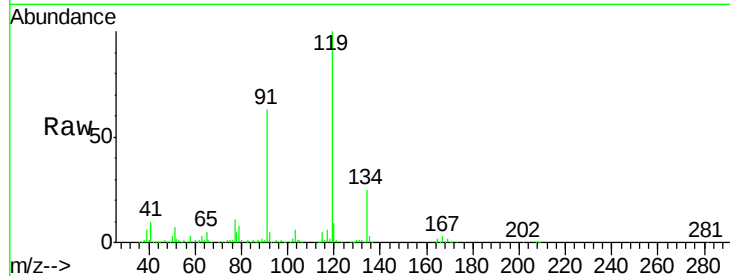
#83
tert-Butylbenzene
Concen: 17.723 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	173353		
91	62.4	32.8	98.4	
134	24.1	12.4	37.0	

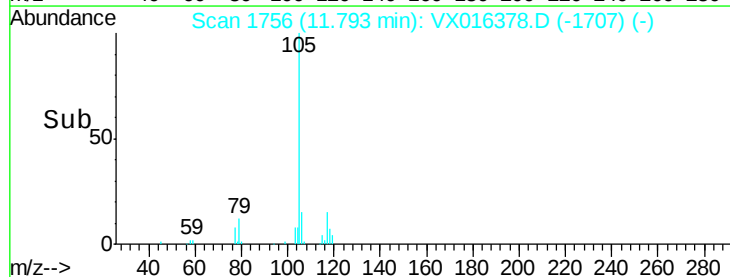
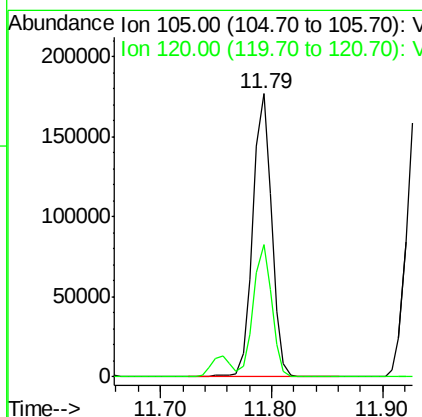
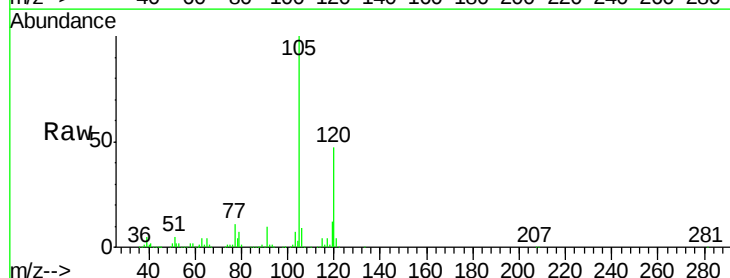
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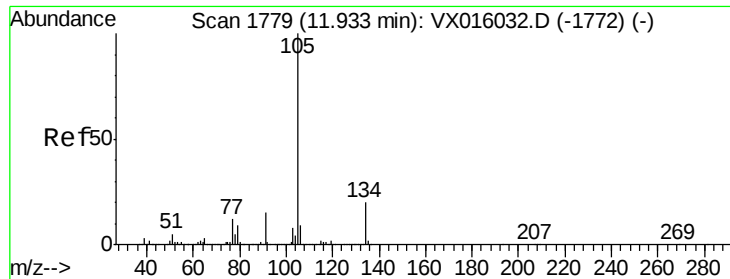
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#84
1,2,4-Trimethylbenzene
Concen: 18.124 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207964		
120	45.9	23.0	69.0	





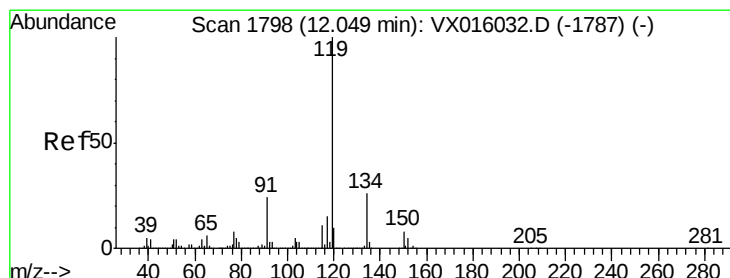
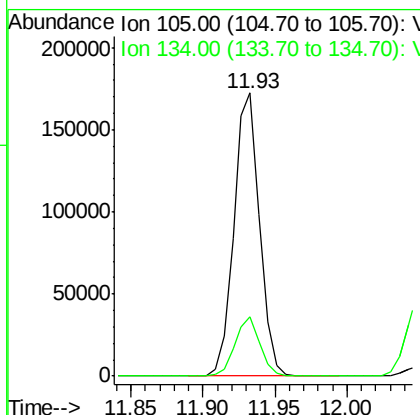
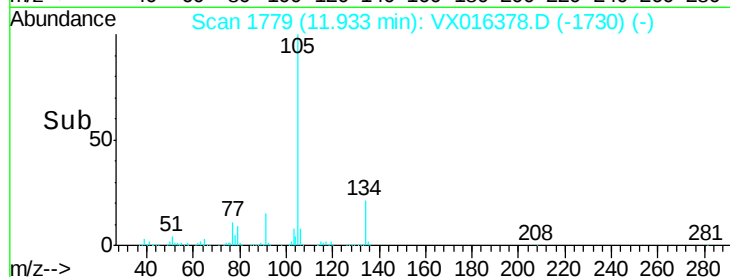
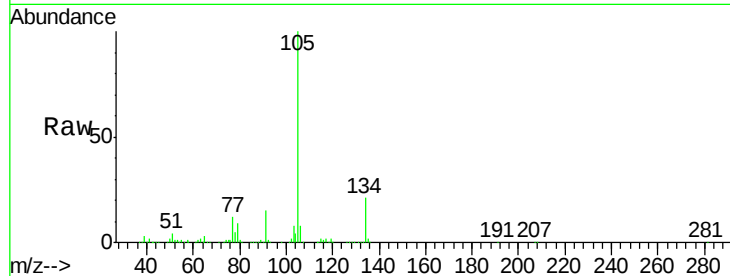
#85
 sec-Butylbenzene
 Concen: 16.167 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	213505		
134	20.4	10.1	30.3	

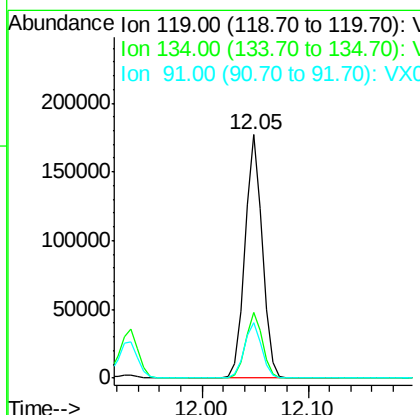
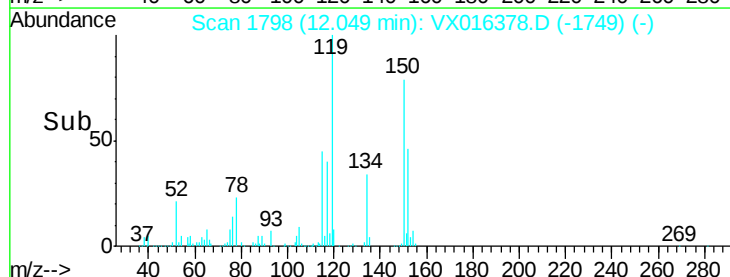
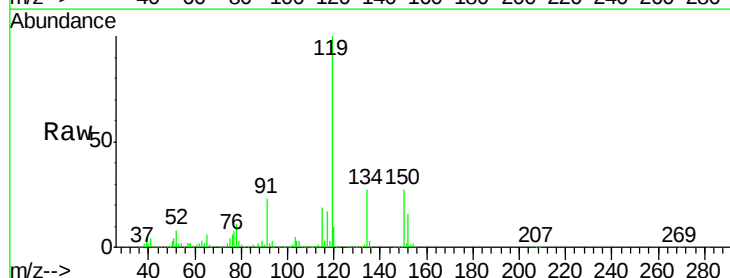
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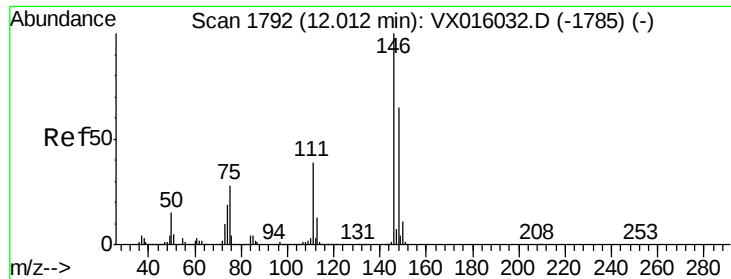
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#86
 p-Isopropyltoluene
 Concen: 16.432 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	201482		
134	26.4	13.1	39.3	
91	23.1	11.8	35.4	





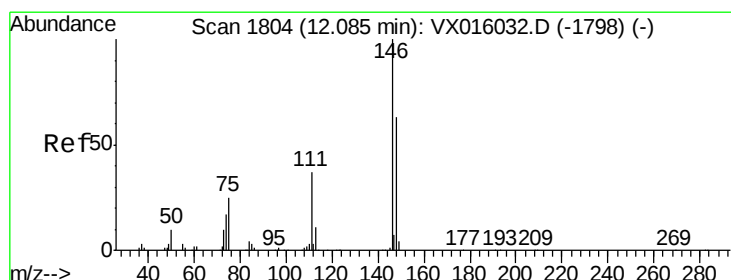
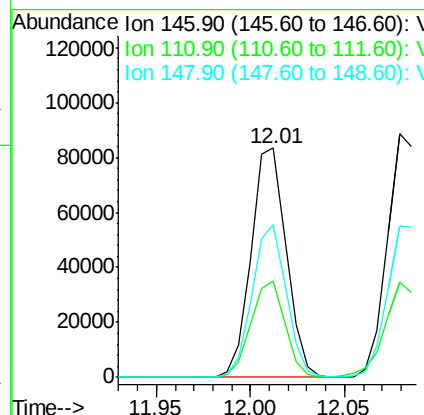
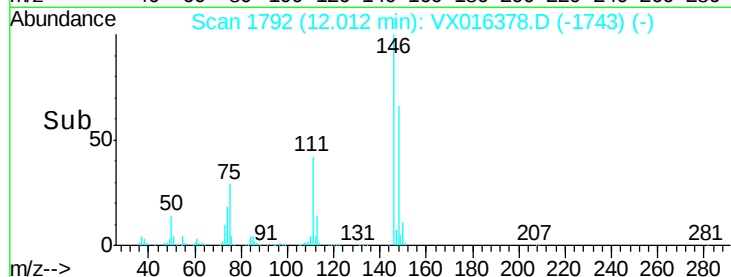
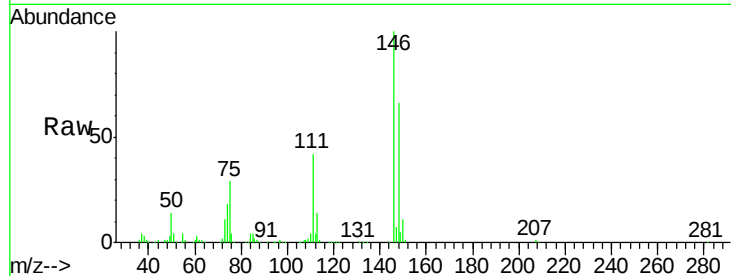
#87
 1,3-Dichlorobenzene
 Concen: 17.386 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	64.4	32.1	96.3

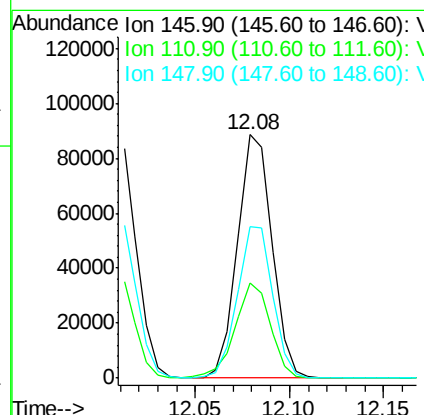
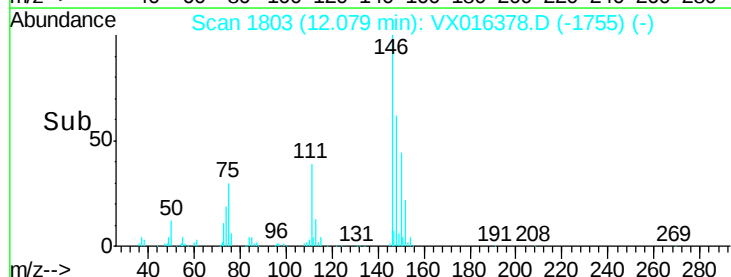
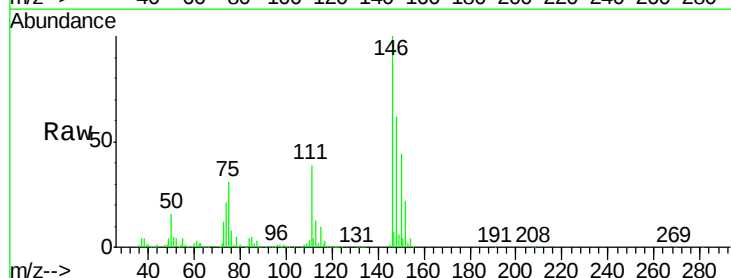
Manual Integrations
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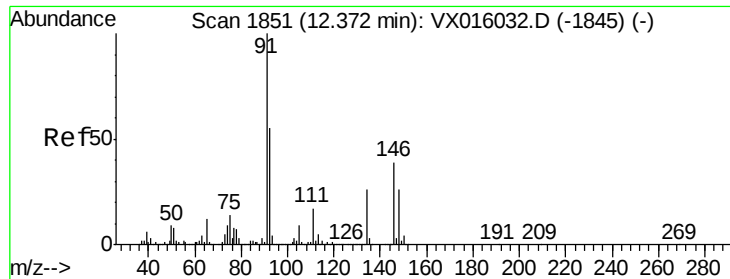
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#88
 1,4-Dichlorobenzene
 Concen: 17.813 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.7
148	64.0	31.8	95.3





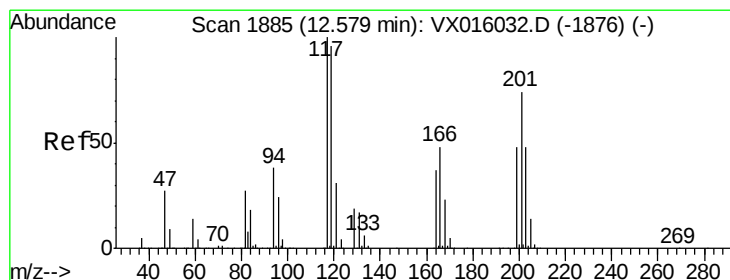
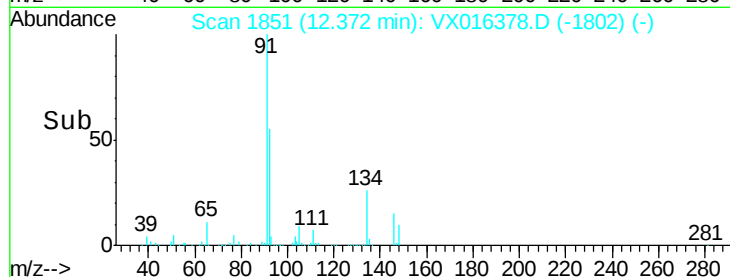
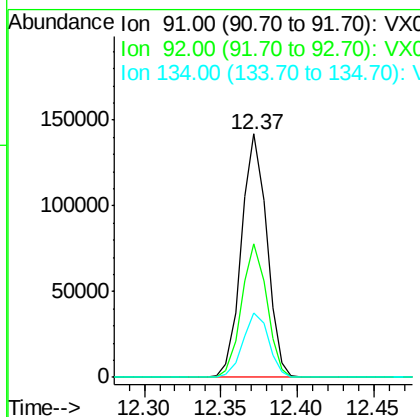
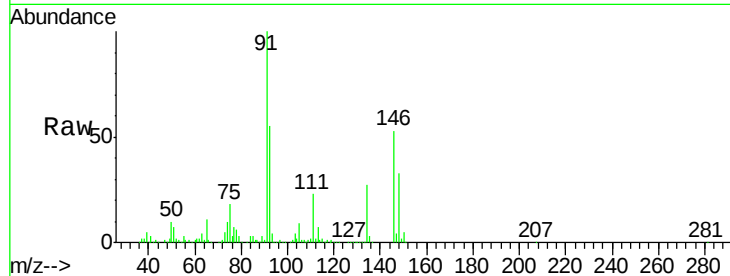
#89
n-Butylbenzene
Concen: 14.625 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	163822		
92	54.6		27.6	82.7
134	26.9		13.4	40.1

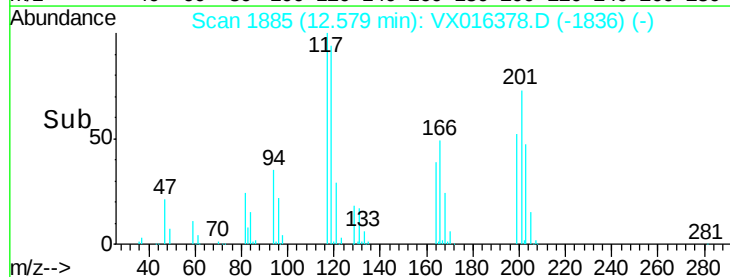
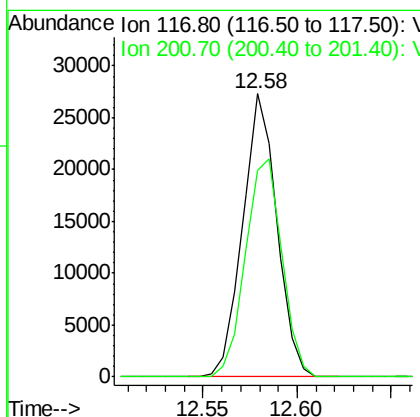
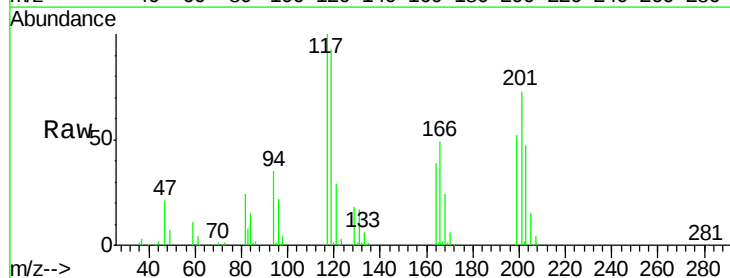
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#90
Hexachloroethane
Concen: 16.303 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34331		
201	82.1		39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 18.057 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

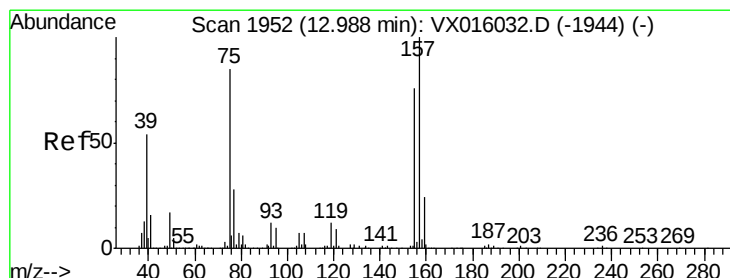
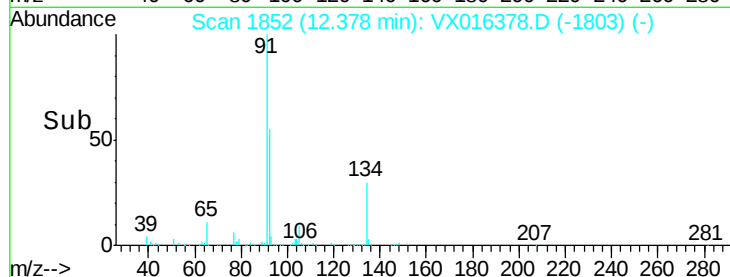
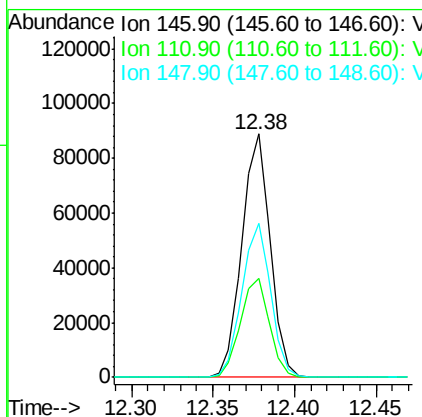
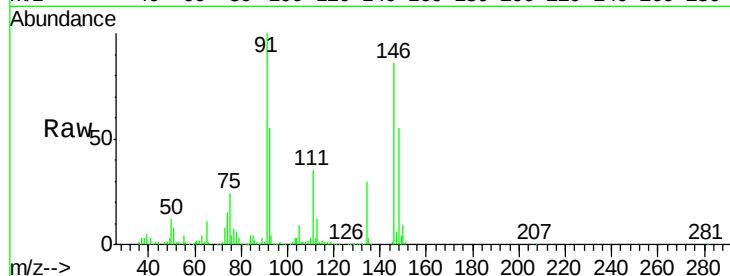
ClientSampleId :

VX0521WBS01

Tot Ion:	146	Resp:	108320
Ion Ratio	Lower	Upper	
146	100		
111	41.5	21.1	63.1
148	63.9	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.062 ug/l

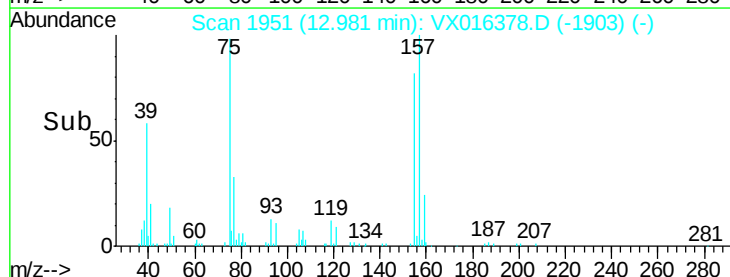
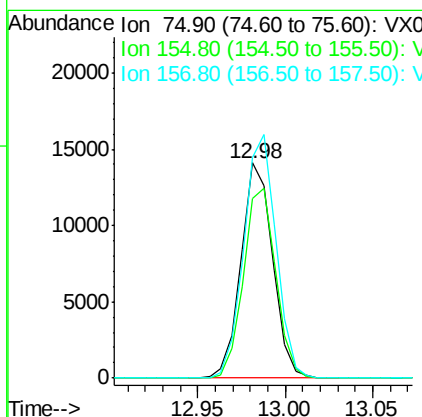
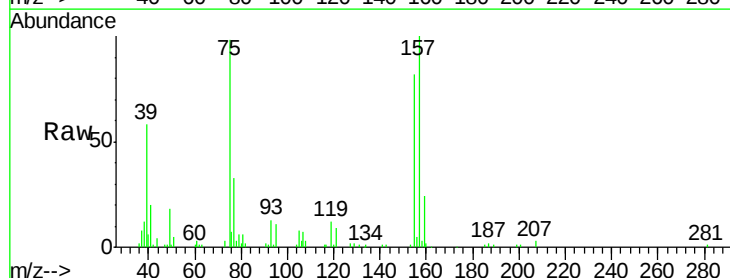
RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion:	75	Resp:	17754
Ion Ratio	Lower	Upper	
75	100		
155	89.8	42.5	127.5
157	115.0	55.3	165.8





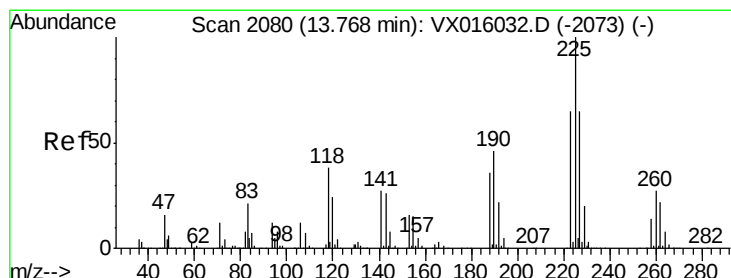
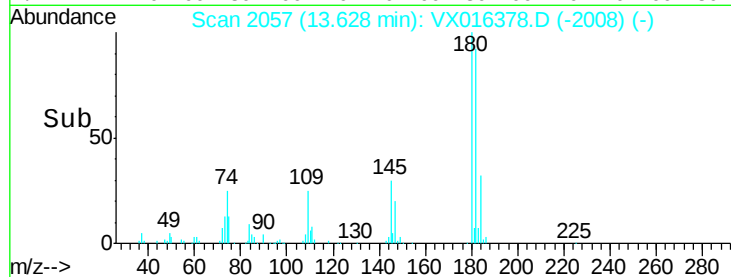
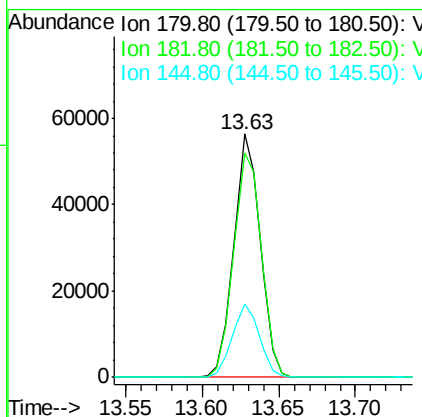
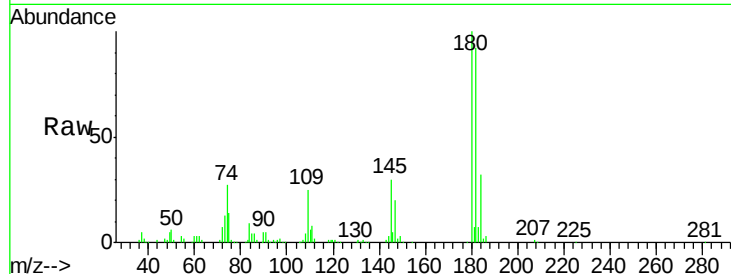
#93
 1,2,4-Trichlorobenzene
 Concen: 15.225 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	67620		
182	97.0		48.7	146.1
145	31.0		15.7	47.1

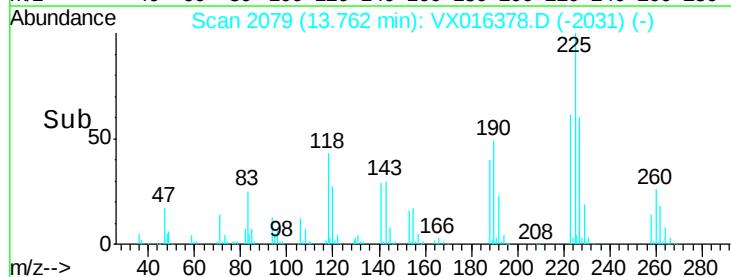
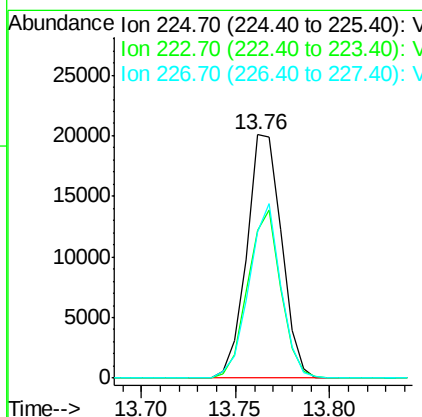
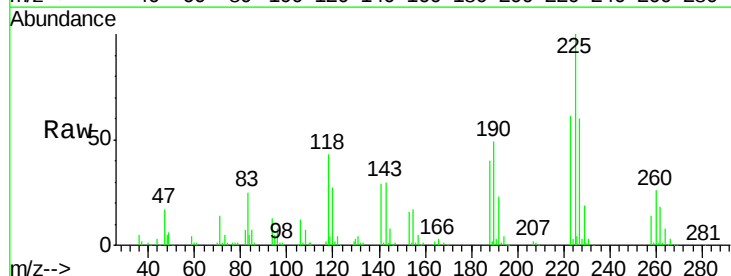
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#94
 Hexachlorobutadiene
 Concen: 13.872 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25798		
223	65.1		32.3	96.9
227	65.4		31.8	95.4





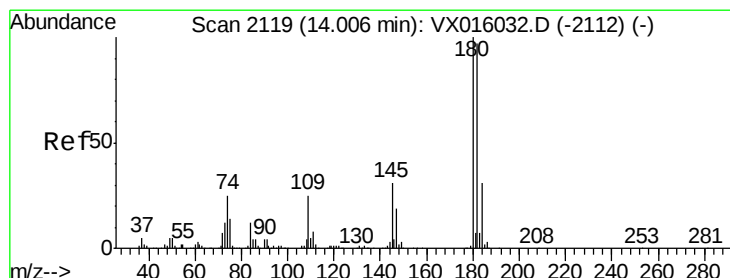
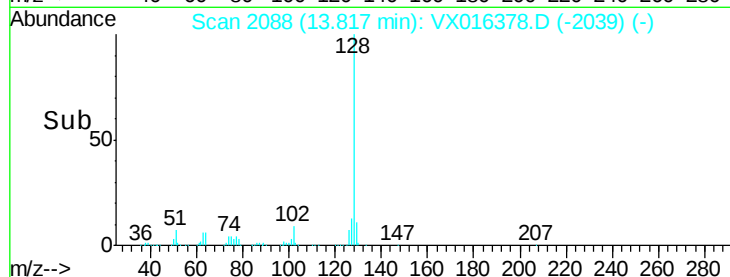
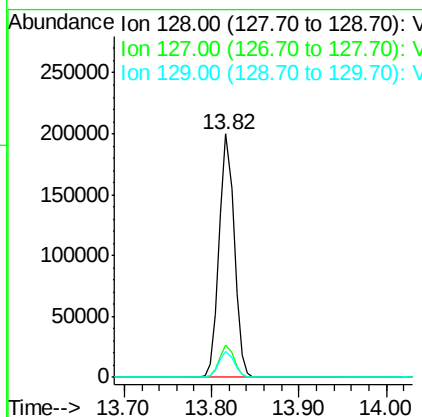
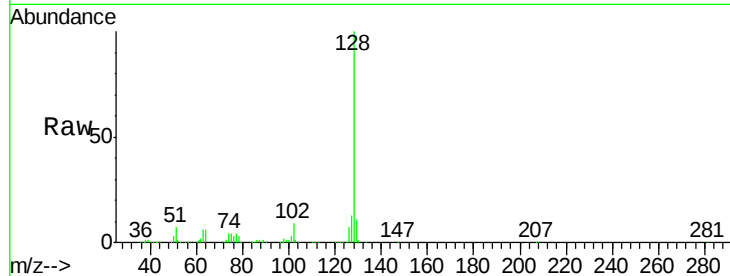
#95
Naphthalene
Concen: 16.408 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	235959		
127	13.0		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/22/2020 4:02:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 14.874 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64561		
182	99.1		48.4	145.0
145	33.7		16.4	49.1

