

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052020\
 Data File : VX016353.D
 Acq On : 20 May 2020 12:27
 Operator : JC/SP
 Sample : VX0520WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:15:20 PM

Quant Time: May 21 04:19:10 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	261345	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	412905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143576	41.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.50%	
35) Dibromofluoromethane	5.46	113	115963	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
50) Toluene-d8	8.70	98	460221	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
62) 4-Bromofluorobenzene	11.12	95	178280	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46482	16.803	ug/l	98
3) Chloromethane	1.31	50	52019	16.192	ug/l	99
4) Vinyl Chloride	1.39	62	55118	16.081	ug/l	100
5) Bromomethane	1.63	94	34353	19.881	ug/l	99
6) Chloroethane	1.71	64	33952	16.280	ug/l	99
7) Trichlorofluoromethane	1.92	101	75259	16.725	ug/l	97
8) Diethyl Ether	2.17	74	32120	16.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43263	16.665	ug/l	98
10) Methyl Iodide	2.49	142	42589	12.213	ug/l	99
11) Tert butyl alcohol	3.00	59	67806	77.970	ug/l	99
12) 1,1-Dichloroethene	2.36	96	44596	16.415	ug/l	97
13) Acrolein	2.27	56	54850	100.791	ug/l	100
14) Allyl chloride	2.71	41	76645	15.387	ug/l	93
15) Acrylonitrile	3.11	53	151727	84.102	ug/l	98
16) Acetone	2.42	43	118289	77.088	ug/l	93
17) Carbon Disulfide	2.55	76	116839	14.173	ug/l	100
18) Methyl Acetate	2.75	43	66026	17.500	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	168834	18.028	ug/l	99
20) Methylene Chloride	2.83	84	53256	16.836	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	49481	16.344	ug/l	98
22) Diisopropyl ether	3.82	45	158242	16.839	ug/l	99
23) Vinyl Acetate	3.78	43	669202	80.942	ug/l	98
24) 1,1-Dichloroethane	3.67	63	89698	17.063	ug/l	98
25) 2-Butanone	4.63	43	201070	81.318	ug/l	97
26) 2,2-Dichloropropane	4.55	77	79664	16.594	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	58309	17.618	ug/l	95
28) Bromochloromethane	4.98	49	39114	16.318	ug/l	93
29) Tetrahydrofuran	5.09	42	129757	79.198	ug/l	95
30) Chloroform	5.17	83	92097	17.596	ug/l	100
31) Cyclohexane	5.55	56	74698	15.635	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	81016	17.028	ug/l	98
36) 1,1-Dichloropropene	5.77	75	67142	16.519	ug/l	100
37) Ethyl Acetate	4.79	43	76895	16.323	ug/l	98
38) Carbon Tetrachloride	5.75	117	71014	17.189	ug/l	94

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 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)
39) Methylcyclohexane	7.44	83	72582	14.829	ug/l	97
40) Benzene	6.11	78	211191	17.758	ug/l	98
41) Methacrylonitrile	5.00	41	41540	16.328	ug/l	97
42) 1,2-Dichloroethane	6.16	62	71852	16.772	ug/l	97
43) Isopropyl Acetate	6.41	43	124403	16.551	ug/l	96
44) Trichloroethene	7.19	130	72183	17.085	ug/l	97
45) 1,2-Dichloropropane	7.49	63	53790	17.875	ug/l	98
46) Dibromomethane	7.63	93	36989	18.088	ug/l	100
47) Bromodichloromethane	7.87	83	74194	17.814	ug/l	97
48) Methyl methacrylate	7.74	41	58117	16.318	ug/l	94
49) 1,4-Dioxane	7.71	88	28162	329.694	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	393254	85.499	ug/l	96
52) Toluene	8.76	92	134350	18.124	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87316	17.583	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92135	17.763	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	54459	18.673	ug/l	99
56) Ethyl methacrylate	9.16	69	87648	18.411	ug/l	92
57) 1,3-Dichloropropane	9.35	76	93970	18.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	218291	86.131	ug/l	99
59) 2-Hexanone	9.47	43	299234	82.841	ug/l	95
60) Dibromochloromethane	9.57	129	59743	18.600	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57276	18.131	ug/l	100
64) Tetrachloroethene	9.32	164	80477	17.534	ug/l	98
65) Chlorobenzene	10.12	112	143834	18.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55540	19.195	ug/l	98
67) Ethyl Benzene	10.23	91	251538	18.008	ug/l	99
68) m/p-Xylenes	10.34	106	191498	36.592	ug/l	100
69) o-Xylene	10.68	106	93177	18.522	ug/l	97
70) Styrene	10.70	104	157795	18.490	ug/l	99
71) Bromoform	10.84	173	45112	19.136	ug/l #	99
73) Isopropylbenzene	11.00	105	242940	17.547	ug/l	100
74) N-amyl acetate	10.88	43	104809	16.229	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	53877	22.115	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79114m	18.315	ug/l	
77) Bromobenzene	11.24	156	64210	17.968	ug/l	97
78) n-propylbenzene	11.34	91	273489	16.980	ug/l	100
79) 2-Chlorotoluene	11.40	91	168225	17.694	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	199252	17.045	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31411	17.329	ug/l	96
82) 4-Chlorotoluene	11.49	91	195793	17.439	ug/l	99
83) tert-Butylbenzene	11.76	119	168104	16.686	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	203718	17.237	ug/l	99
85) sec-Butylbenzene	11.93	105	210589	15.482	ug/l	100
86) p-Isopropyltoluene	12.05	119	199976	15.835	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	109968	17.138	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	112583	17.287	ug/l	97
89) n-Butylbenzene	12.37	91	165630	14.356	ug/l	99
90) Hexachloroethane	12.58	117	33786	15.577	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	110585	17.898	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18268	16.046	ug/l	95

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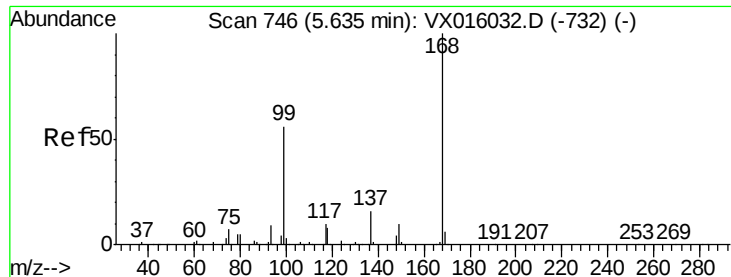
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71604	15.653	ug/l	97
94) Hexachlorobutadiene	13.76	225	26935	14.055	ug/l	98
95) Naphthalene	13.82	128	250018	16.880	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	69856	15.626	ug/l	100

(#) = 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

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion:168 Resp: 261345

Ion Ratio Lower Upper

168 100

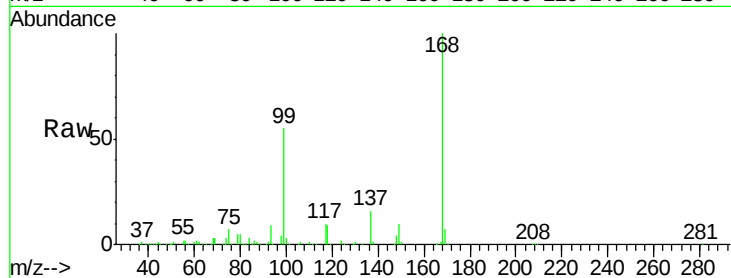
99 54.8 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

40000

20000

0

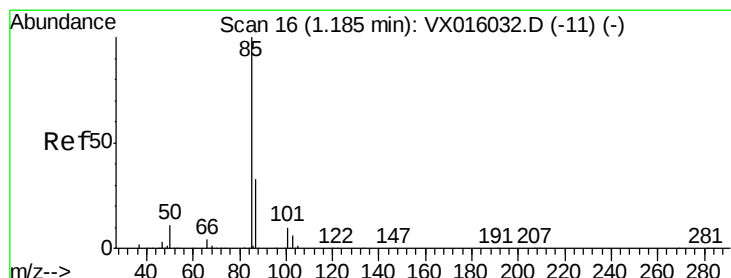
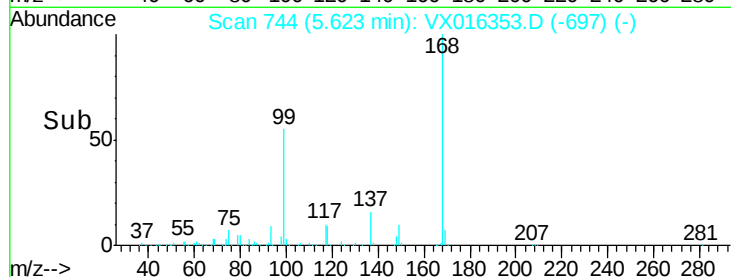
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.803 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016353.D

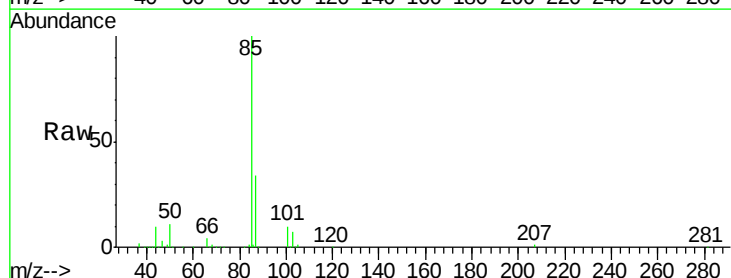
Acq: 20 May 2020 12:27

Tgt Ion: 85 Resp: 46482

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

30000

20000

10000

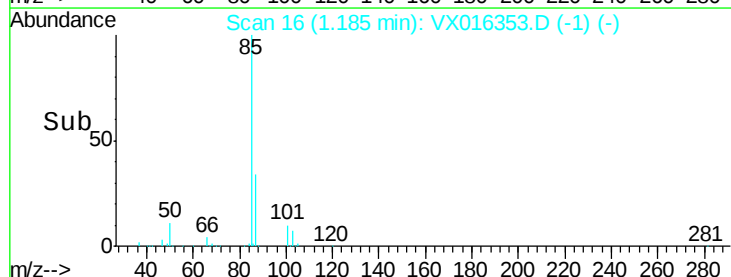
0

1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 16.192 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 50 Resp: 52019

Ion Ratio Lower Upper

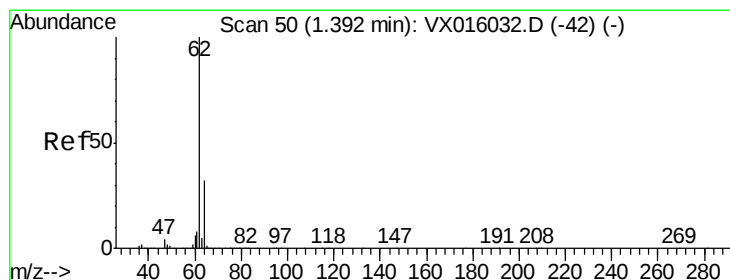
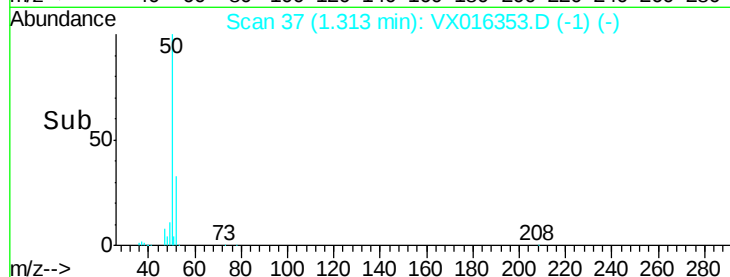
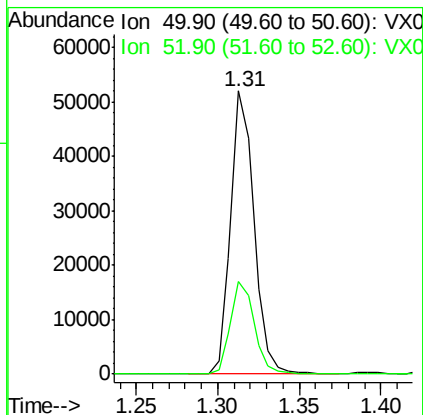
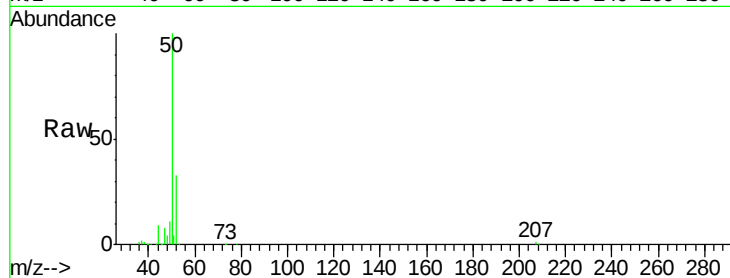
50 100

52 32.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 16.081 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016353.D

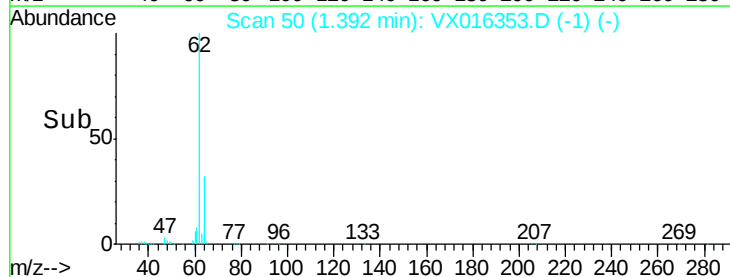
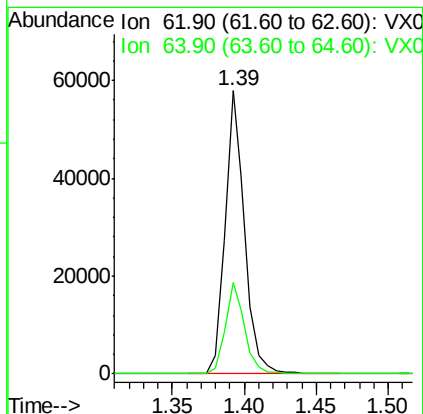
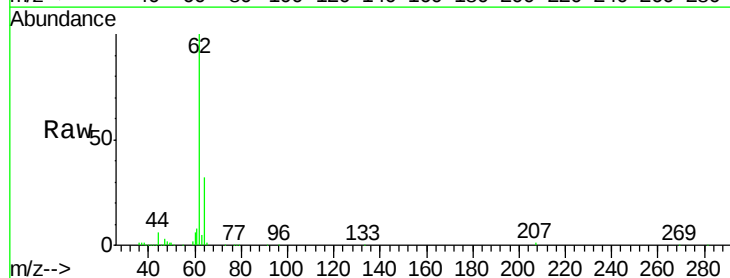
Acq: 20 May 2020 12:27

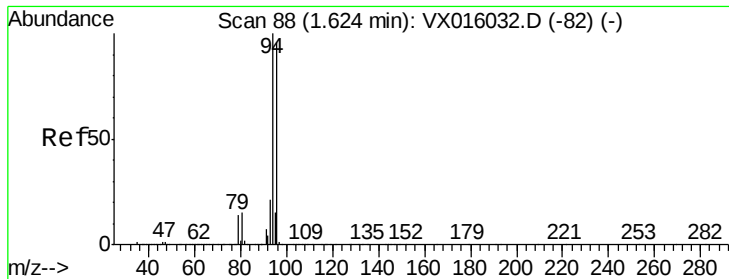
Tgt Ion: 62 Resp: 55118

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 19.881 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 94 Resp: 34353

Ion Ratio Lower Upper

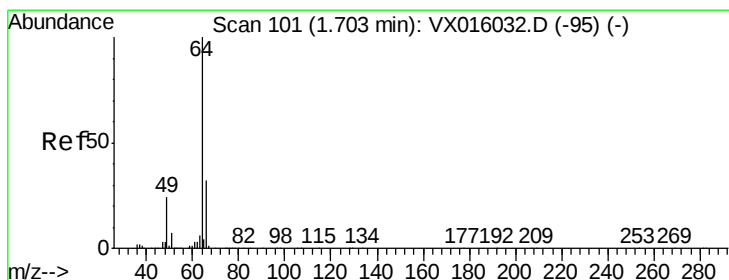
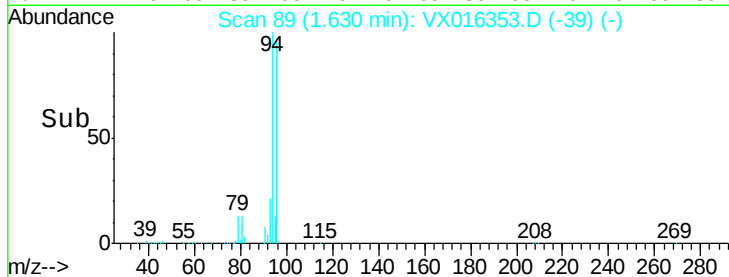
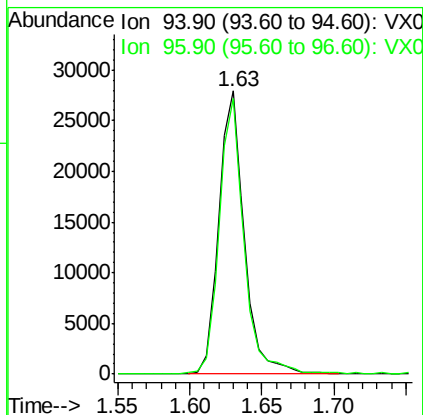
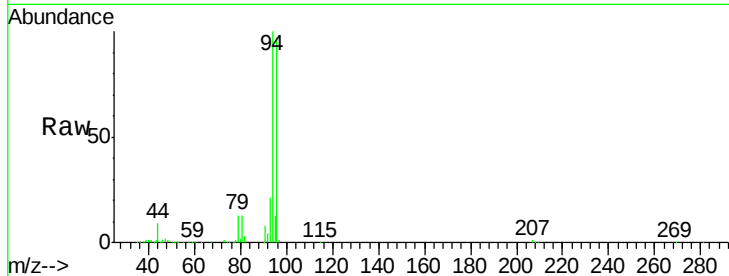
94 100

96 97.0 76.9 115.3

Manual Integrations
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#6

Chloroethane

Concen: 16.280 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016353.D

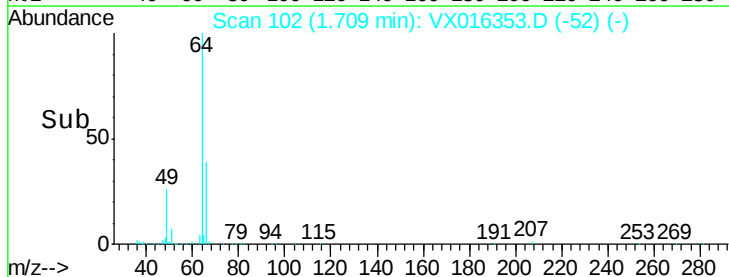
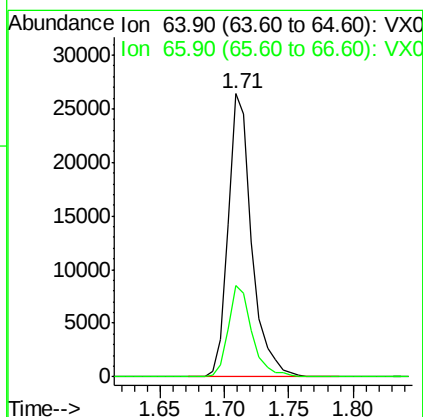
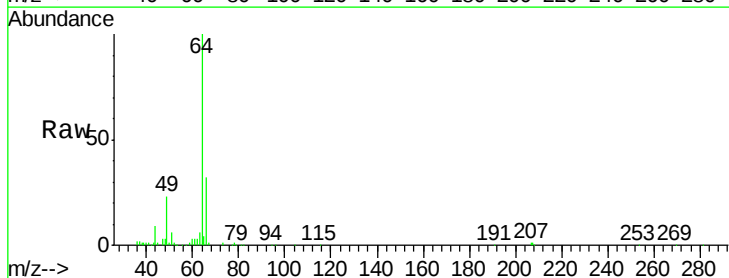
Acq: 20 May 2020 12:27

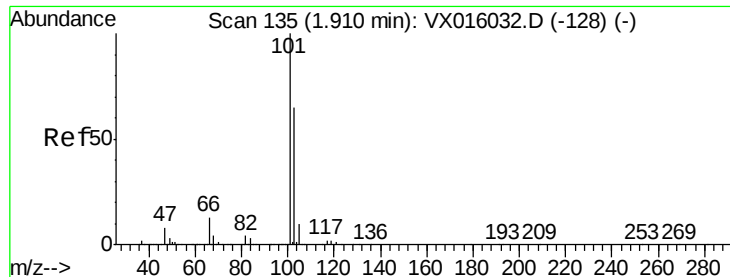
Tgt Ion: 64 Resp: 33952

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

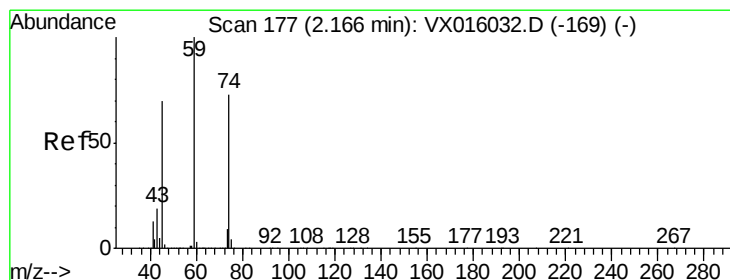
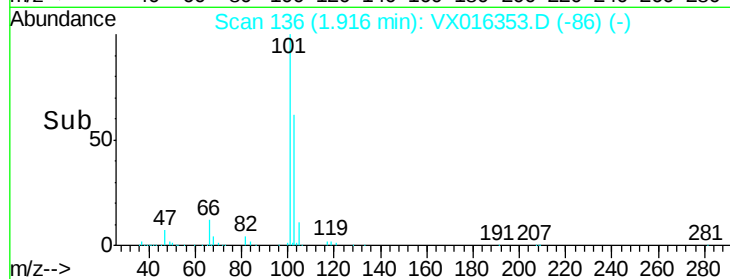
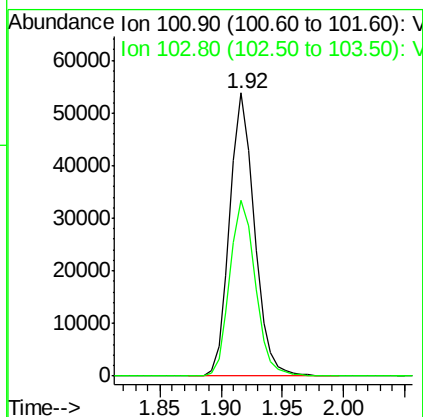
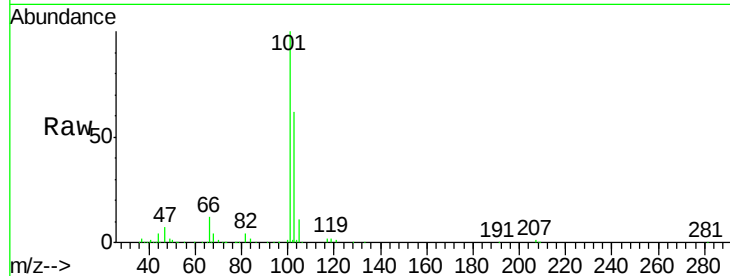
Trichlorofluoromethane
Concen: 16.725 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		75259		
103	62.1	51.8	77.6		

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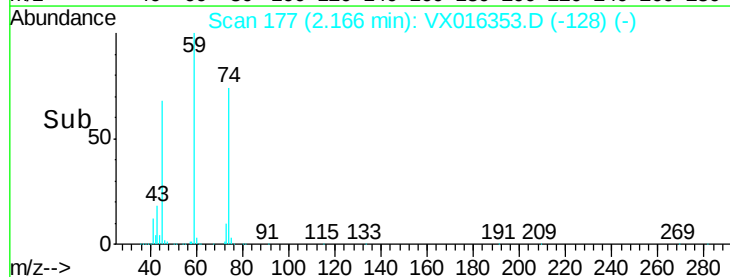
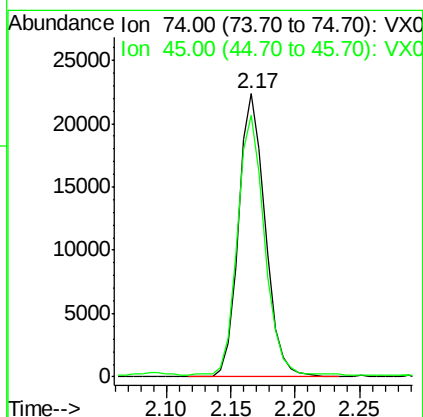
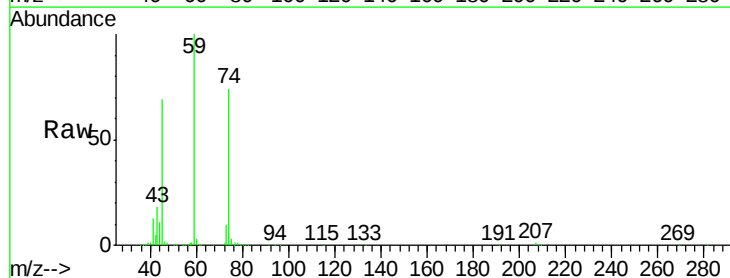
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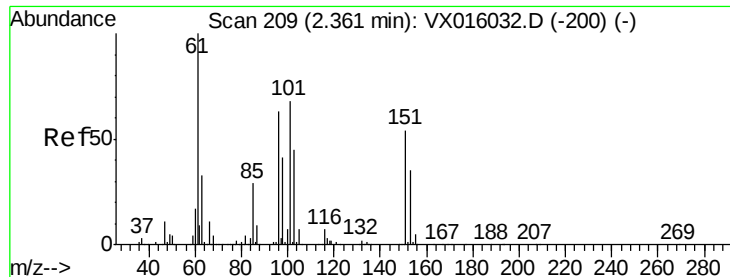


#8

Diethyl Ether
Concen: 16.942 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		32120		
45	93.4	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.665 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

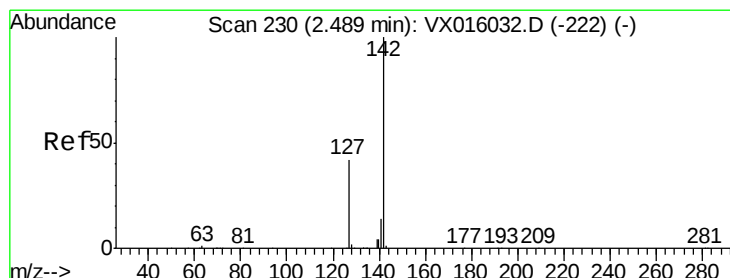
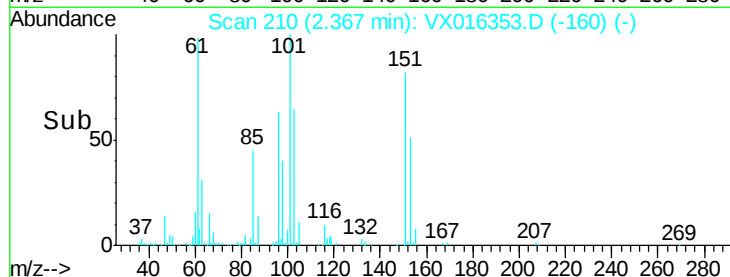
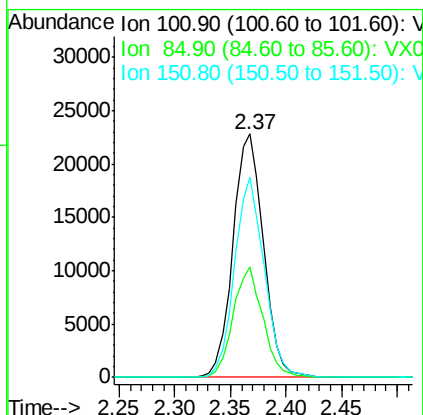
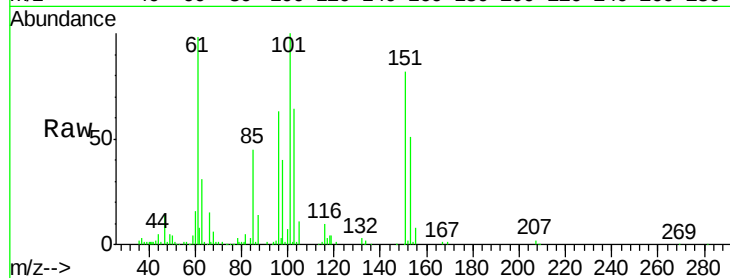
ClientSampleId :

VX0520WBSD01

Tot Ion:	101	Resp:	43263
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.2	51.4
151	80.0	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 12.213 ug/l

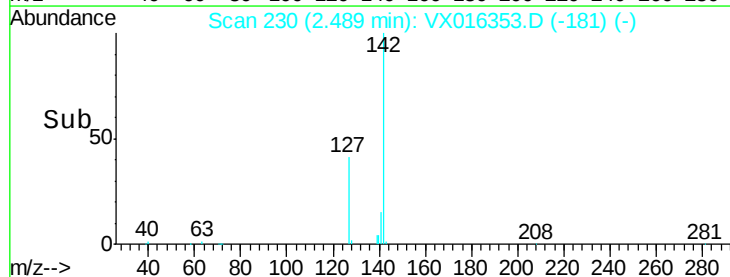
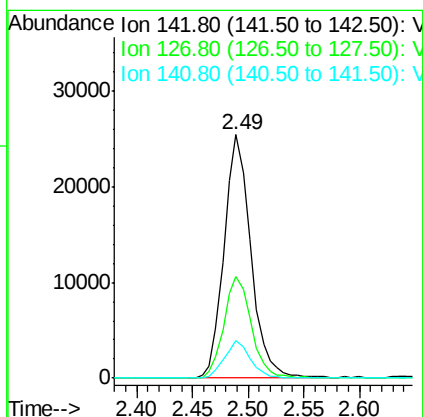
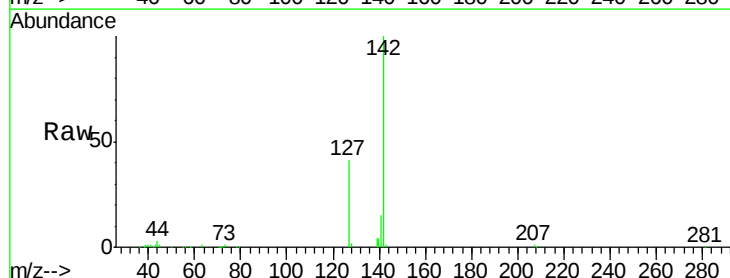
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion:	142	Resp:	42589
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.6	52.0
141	14.8	11.3	16.9





#11

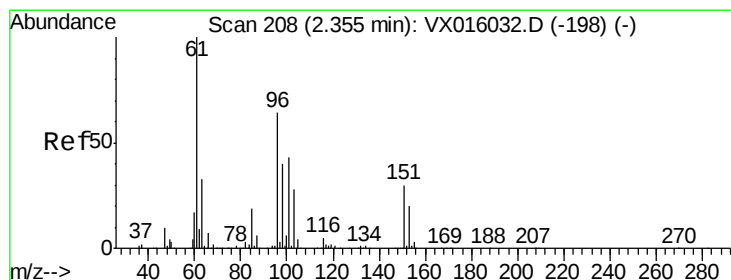
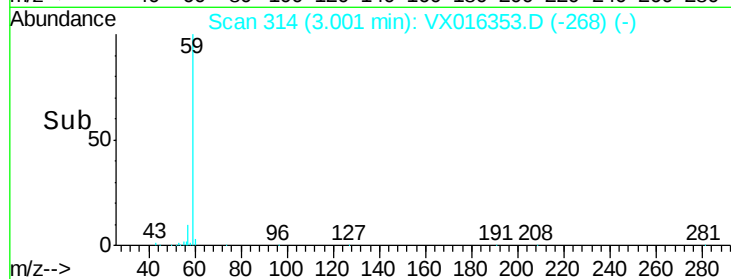
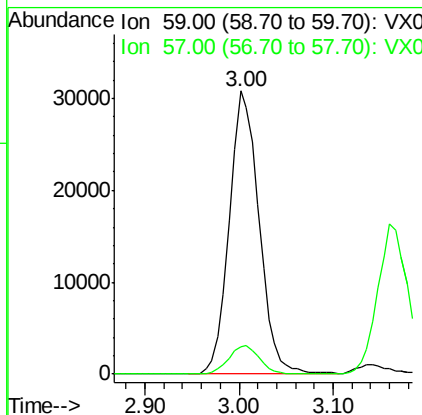
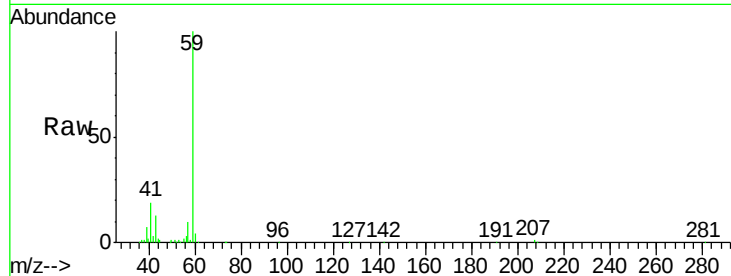
Tert butyl alcohol
Concen: 77.970 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

Manual Integrations
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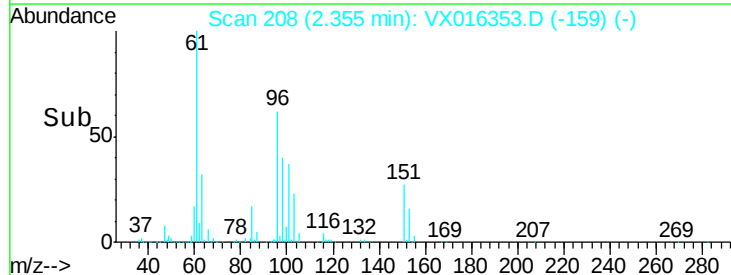
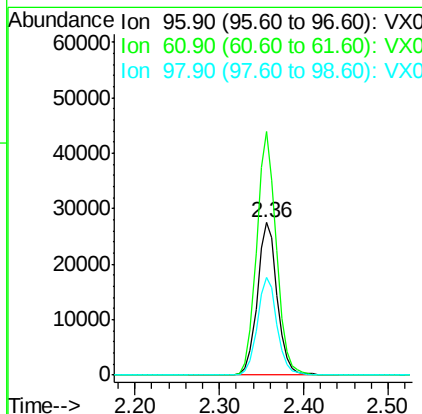
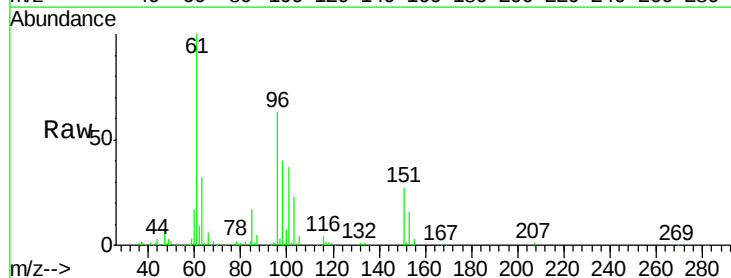
MMDadoda
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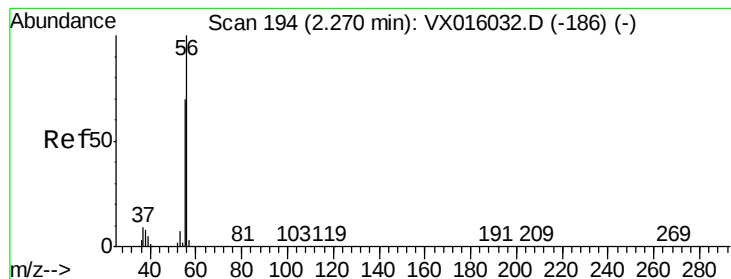


#12

1,1-Dichloroethene
Concen: 16.415 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.8	124.8	187.2
98	64.3	49.7	74.5





#13

Acrolein

Concen: 100.791 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 56 Resp: 54850

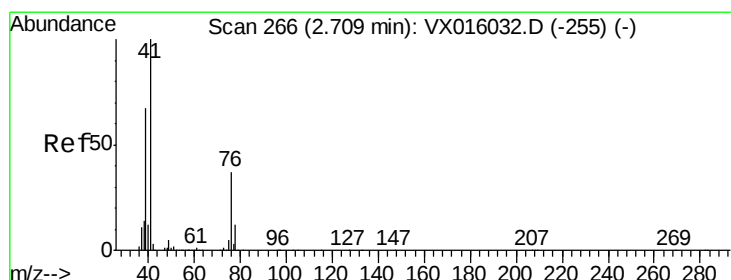
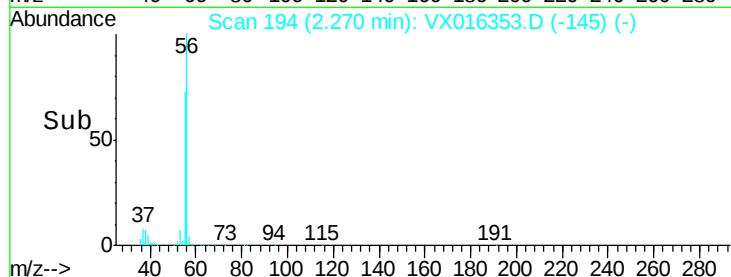
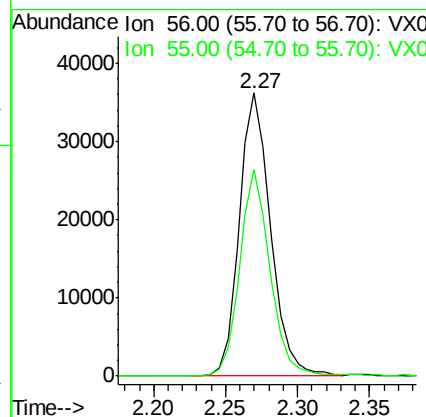
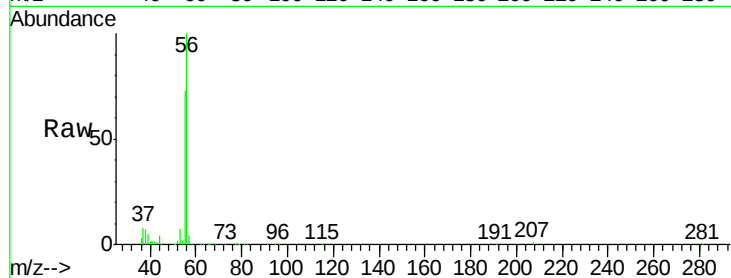
Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7

Manual Integrations
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#14

Allyl chloride

Concen: 15.387 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

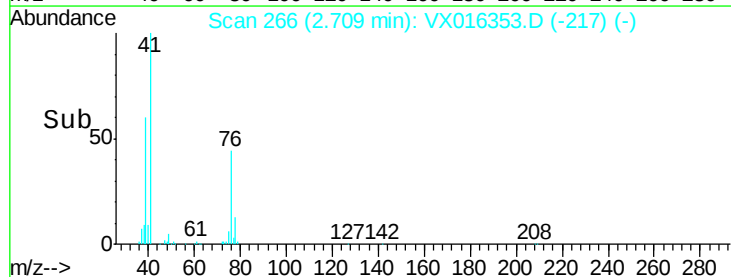
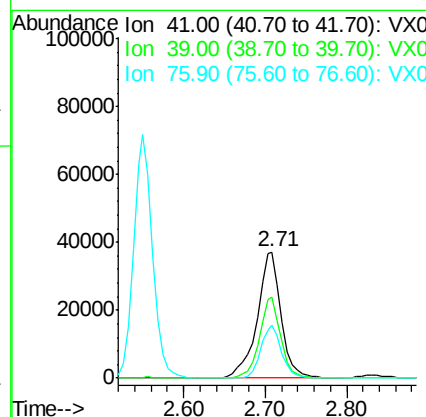
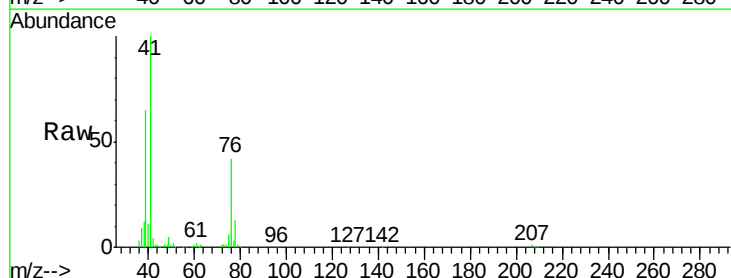
Tgt Ion: 41 Resp: 76645

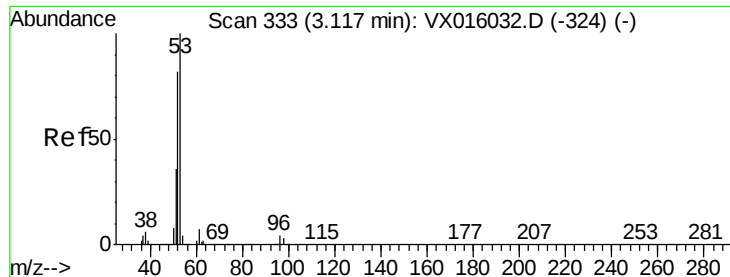
Ion Ratio Lower Upper

41 100

39 57.2 50.5 75.7

76 36.4 26.6 40.0





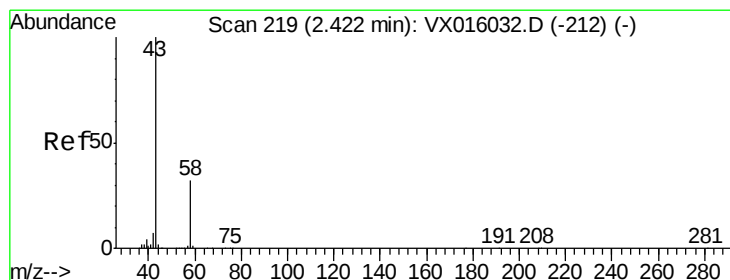
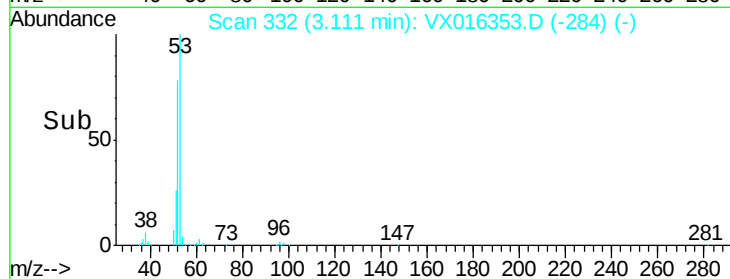
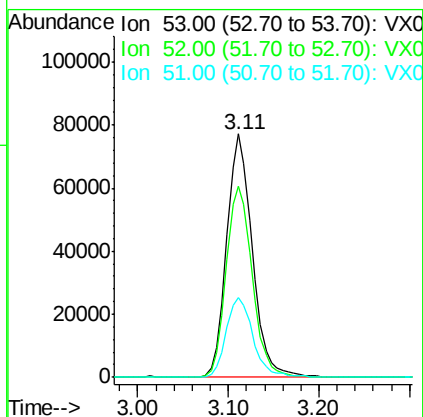
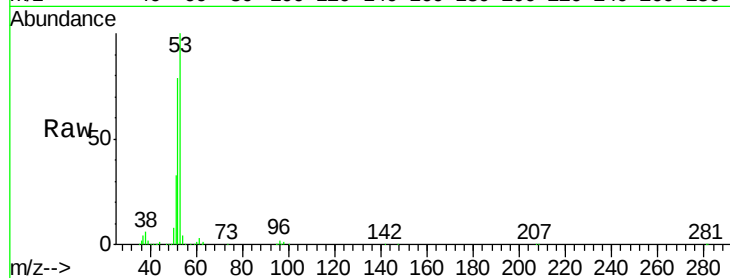
#15
 Acrylonitrile
 Concen: 84.102 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Tot Ion:	53	Resp:	151727
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.1	99.1
51	34.6	28.8	43.2

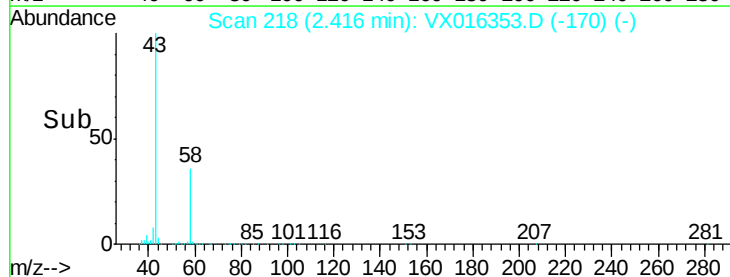
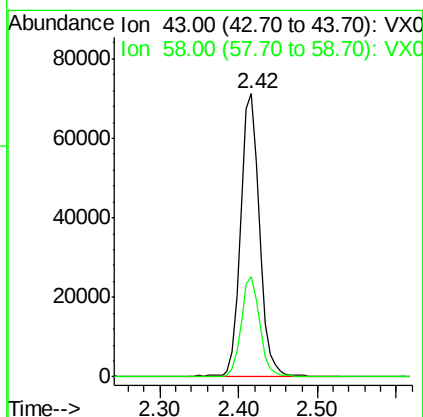
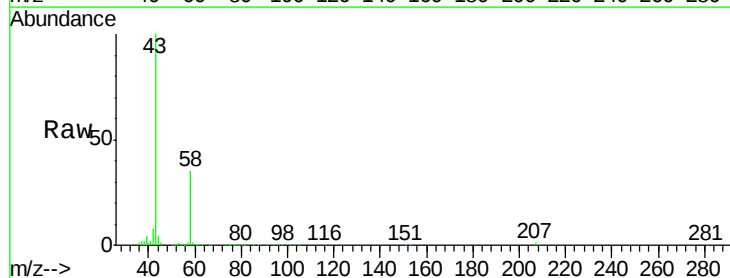
Manual Integrations
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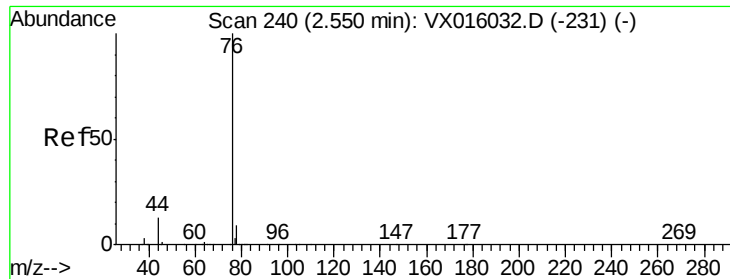
MMDadoda
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#16
 Acetone
 Concen: 77.088 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion:	43	Resp:	118289
Ion	Ratio	Lower	Upper
43	100		
58	35.5	25.4	38.0





#17

Carbon Disulfide

Concen: 14.173 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 76 Resp: 116839

Ion Ratio Lower Upper

76 100

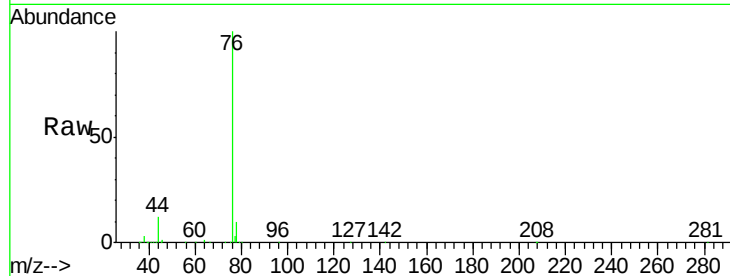
78 9.4 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

80000

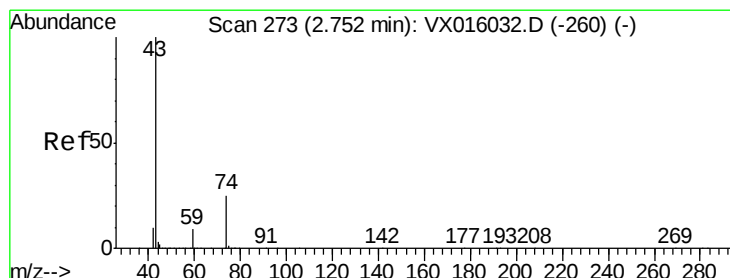
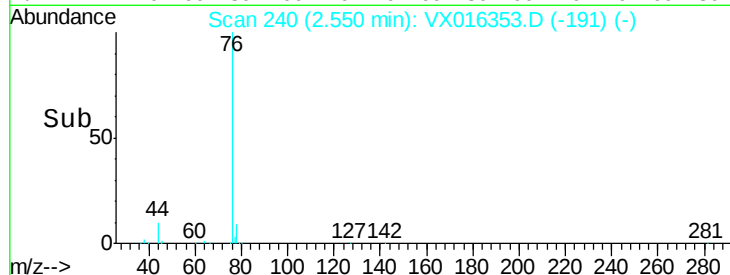
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 17.500 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016353.D

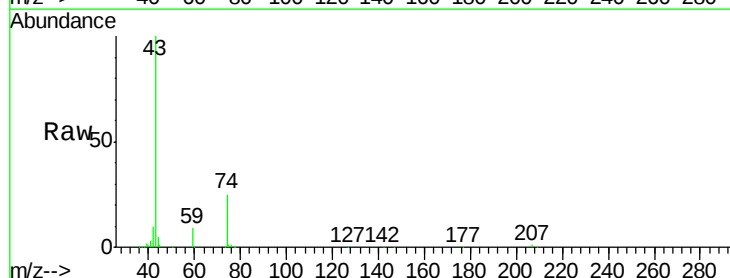
Acq: 20 May 2020 12:27

Tgt Ion: 43 Resp: 66026

Ion Ratio Lower Upper

43 100

74 26.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

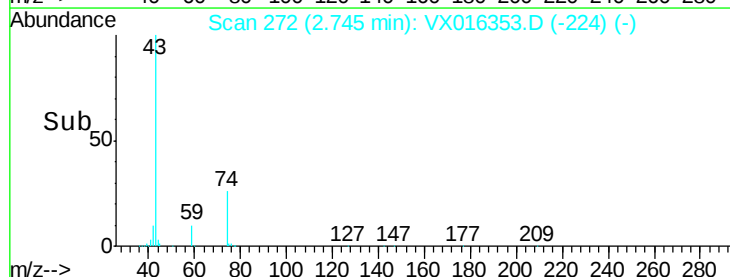
30000

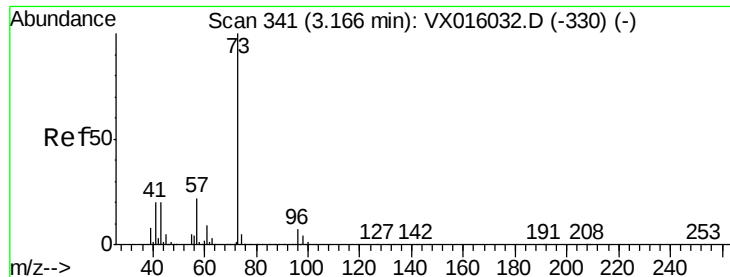
20000

10000

0

Time-->





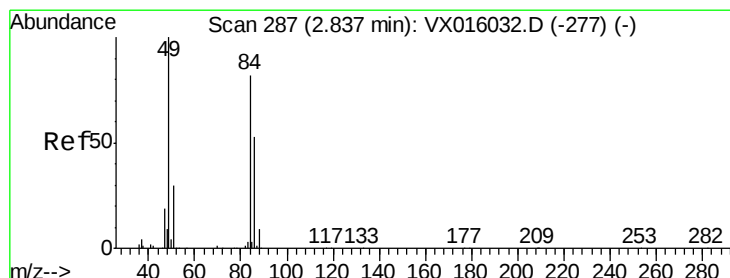
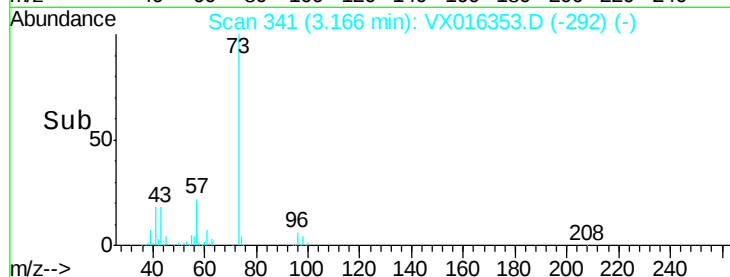
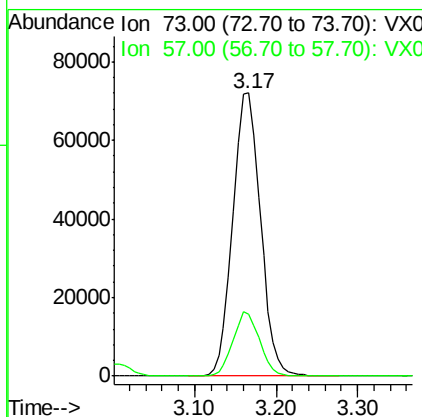
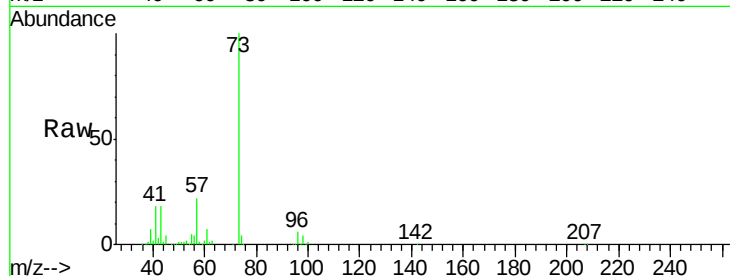
#19
Methvl tert-butvl Ether
Concen: 18.028 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion: 73 Resp: 168834
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.6

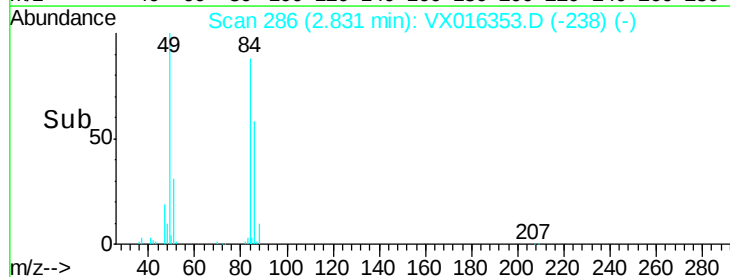
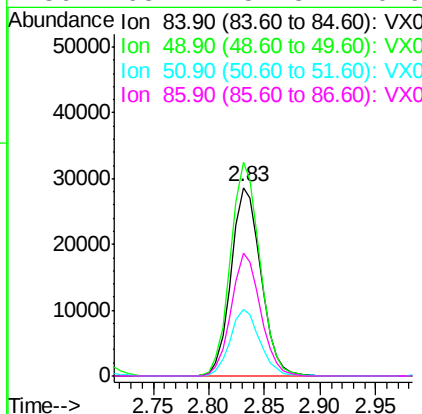
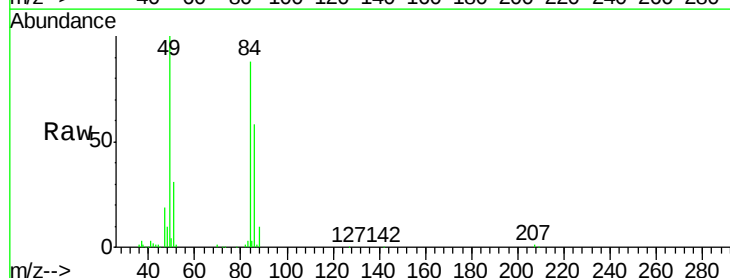
Manual Integrations
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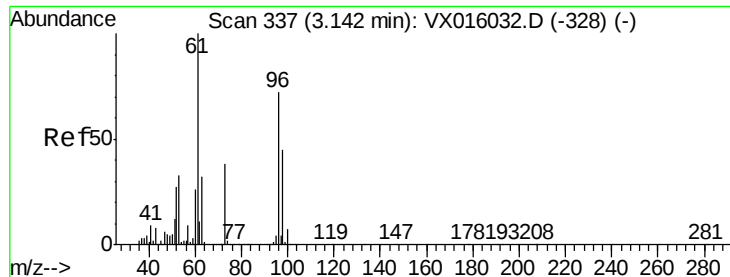
MMDadoda
5/21/2020 1:15:20 PM



#20
Methylene Chloride
Concen: 16.836 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion: 84 Resp: 53256
Ion Ratio Lower Upper
84 100
49 113.3 97.3 145.9
51 35.1 29.3 43.9
86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.344 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 96 Resp: 49481

Ion Ratio Lower Upper

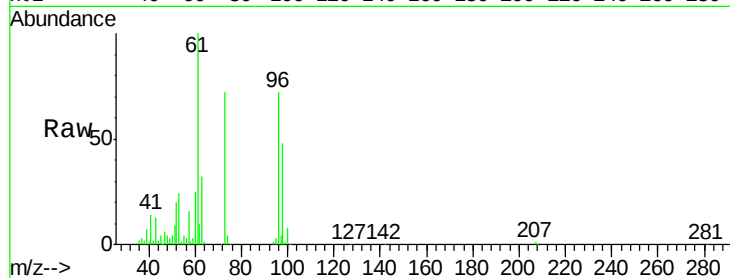
96 100

61 138.0 111.2 166.8

98 66.5 50.2 75.4

Manual Integrations
APPROVED

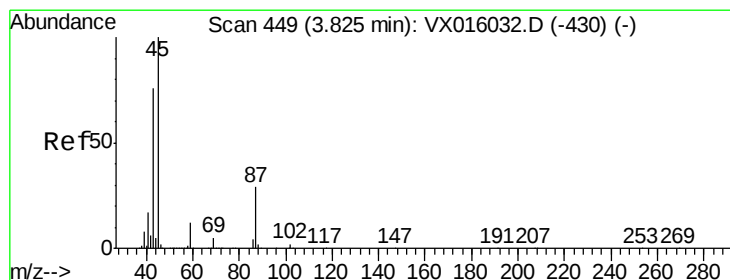
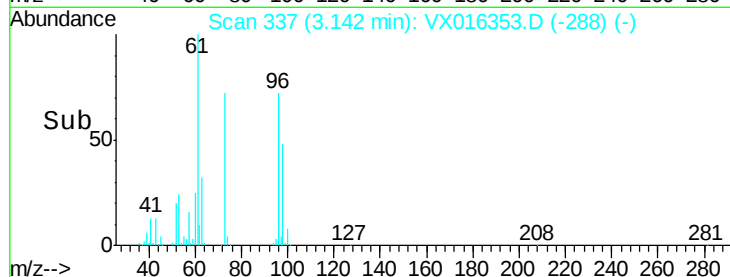
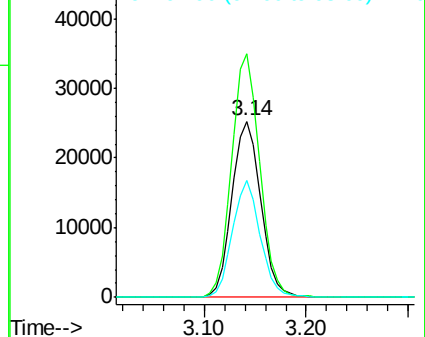
MMDadoda
5/21/2020 1:15:20 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 16.839 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion: 45 Resp: 158242

Ion Ratio Lower Upper

45 100

43 77.0 61.1 91.7

87 29.4 23.0 34.6

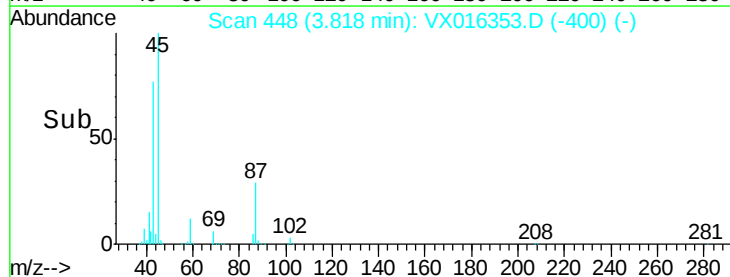
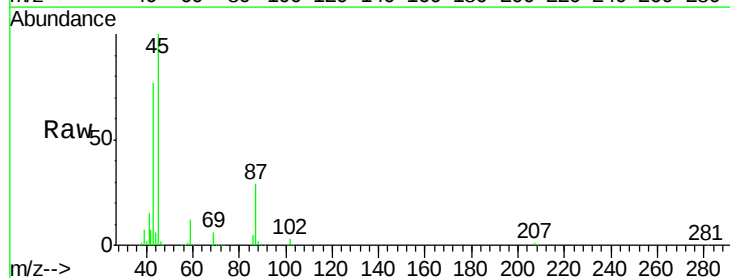
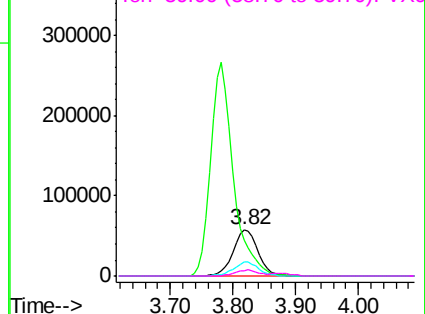
59 11.7 9.8 14.6

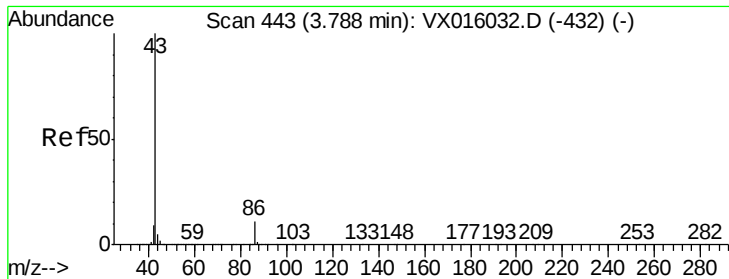
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 80.942 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 43 Resp: 669202

Ion Ratio Lower Upper

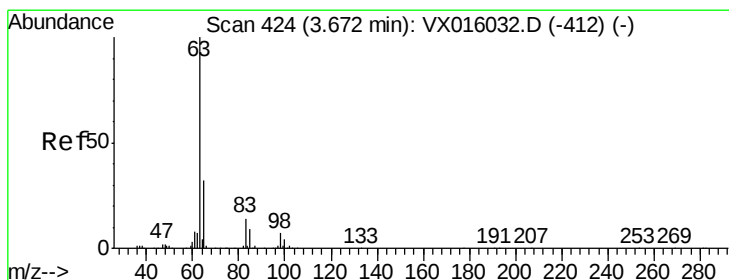
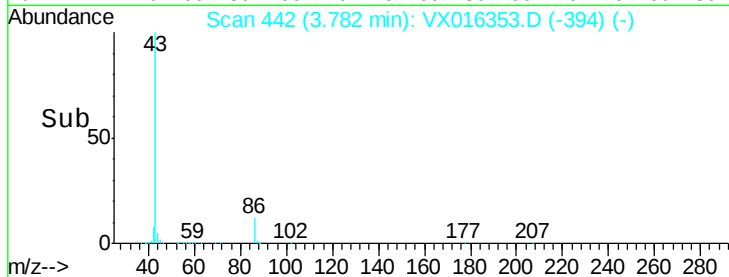
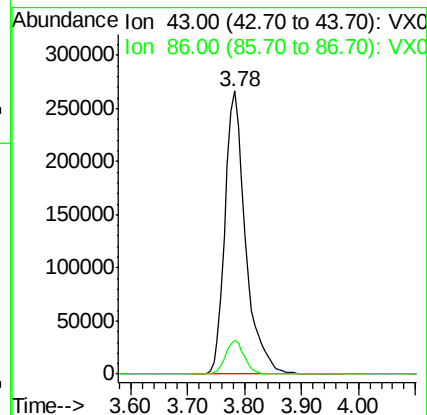
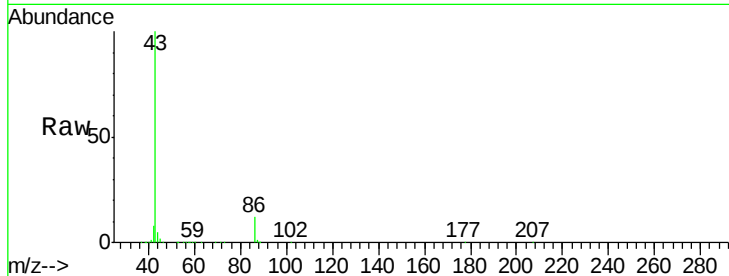
43 100

86 12.0 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 17.063 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

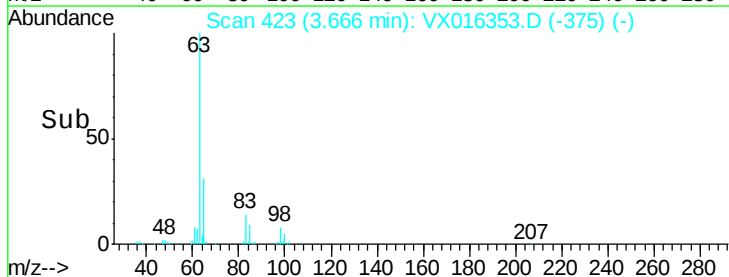
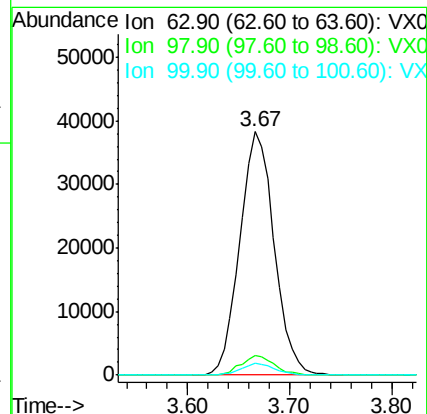
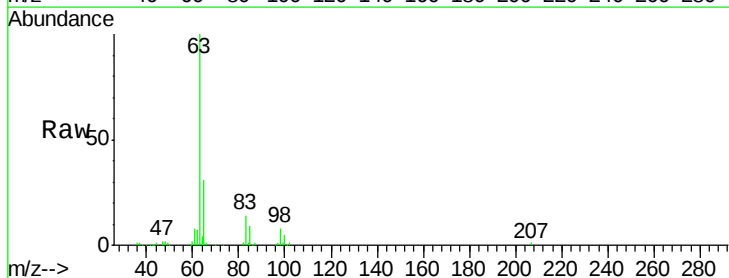
Tgt Ion: 63 Resp: 89698

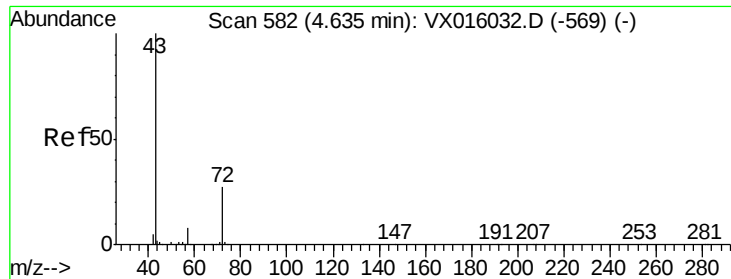
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

100 5.1 2.1 6.5





#25

2-Butanone

Concen: 81.318 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 43 Resp: 201070

Ion Ratio Lower Upper

43 100

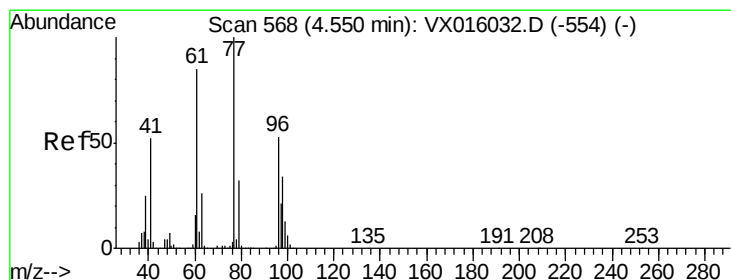
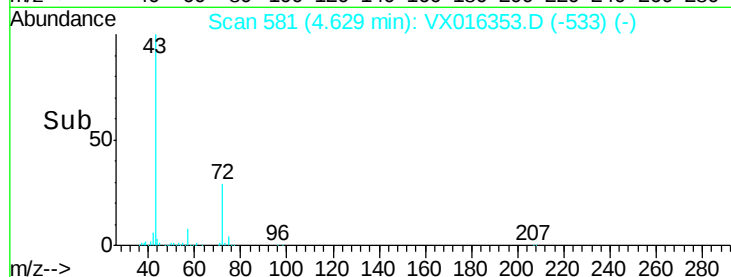
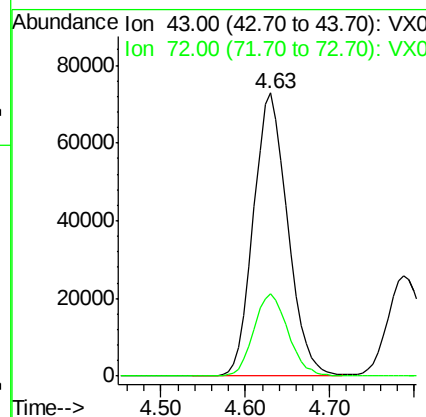
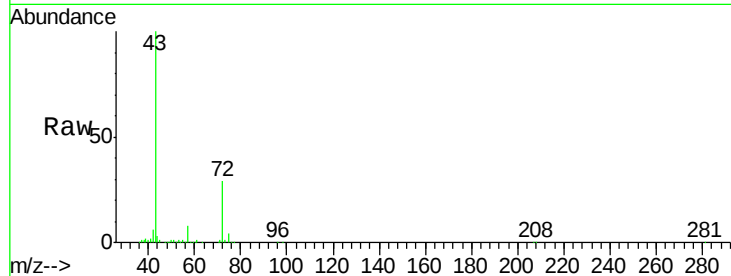
72 28.8 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.594 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016353.D

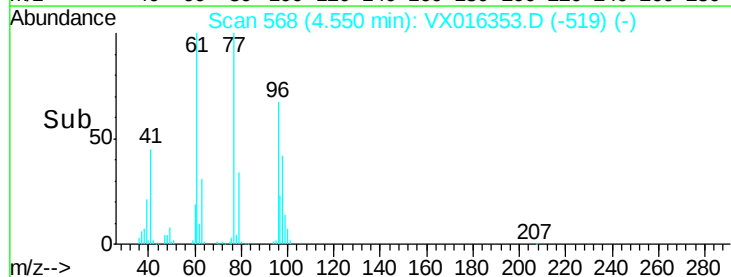
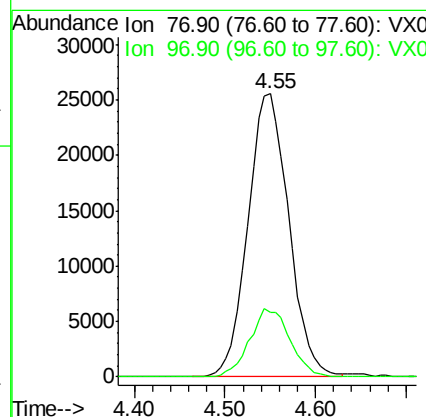
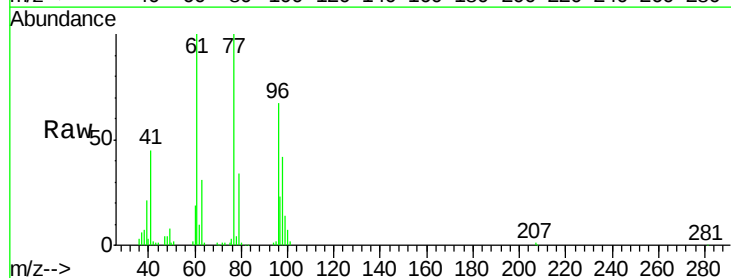
Acq: 20 May 2020 12:27

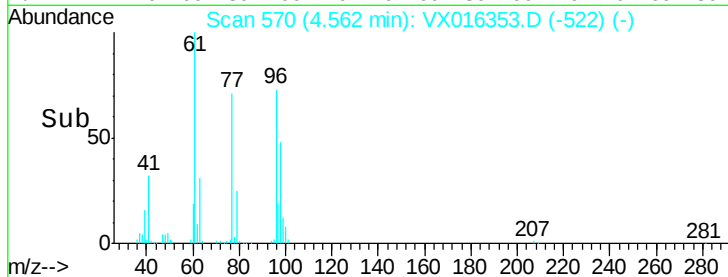
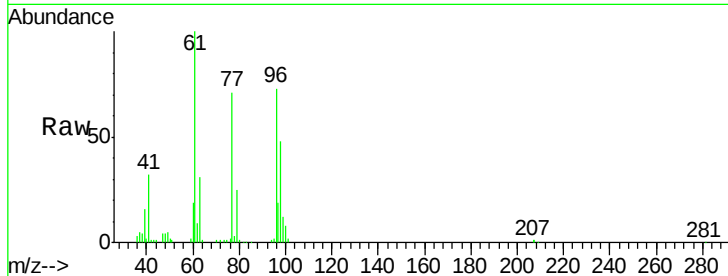
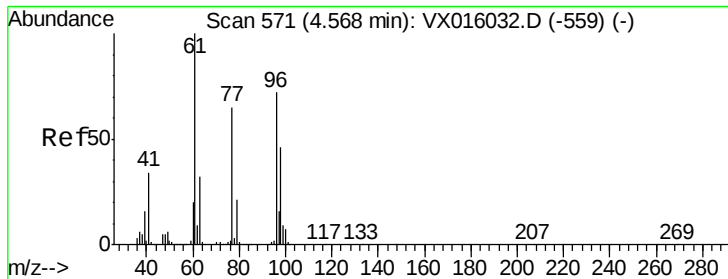
Tgt Ion: 77 Resp: 79664

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.6





#27

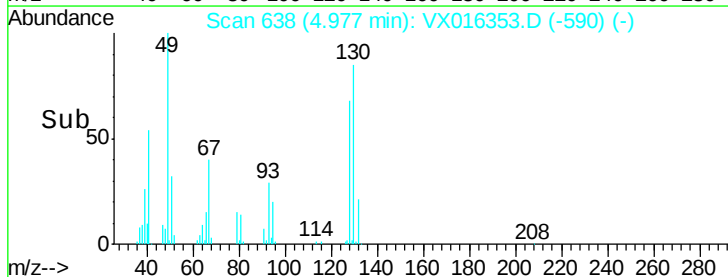
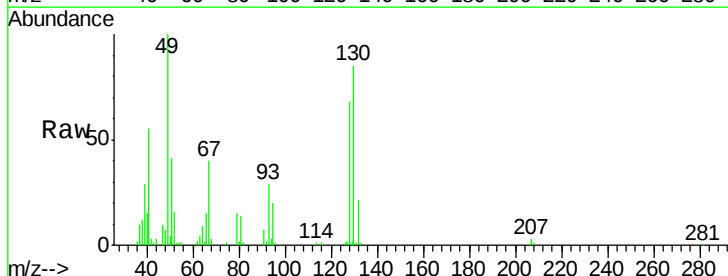
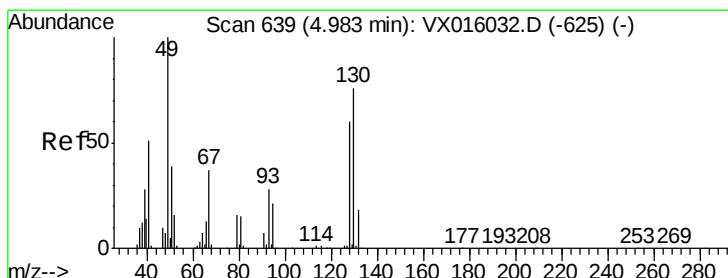
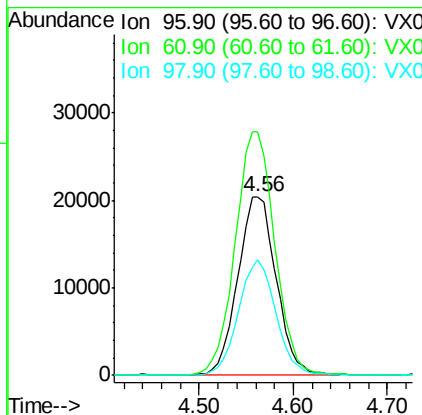
cis-1,2-Dichloroethene
Concen: 17.618 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tot Ion	Ratio	Resp	Lower	Upper
96	100	58309		
61	140.6		0.0	296.2
98	63.1		0.0	129.4

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Manual Integrations
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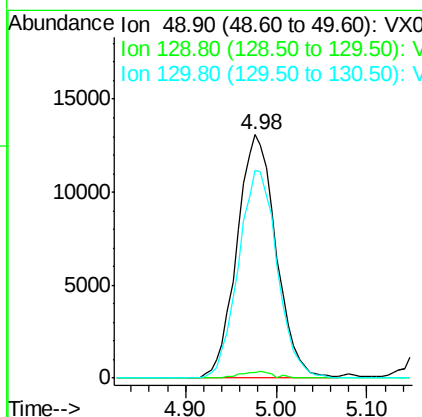
MMDadoda
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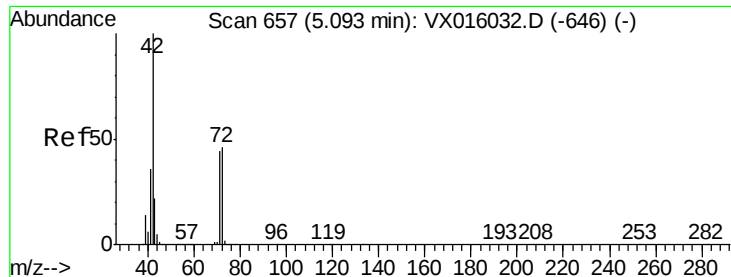


#28

Bromochloromethane
Concen: 16.318 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	39114		
129	2.2		0.0	4.0
130	84.6		62.4	93.6





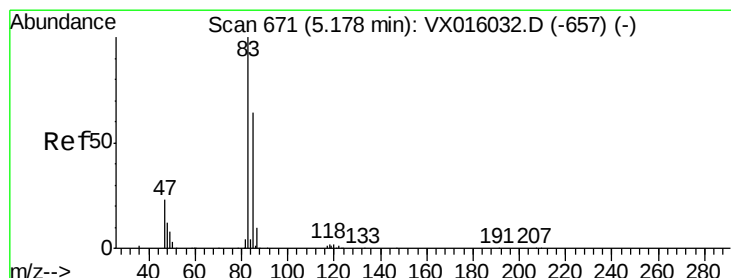
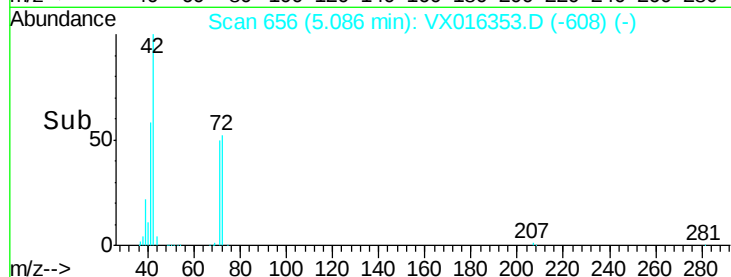
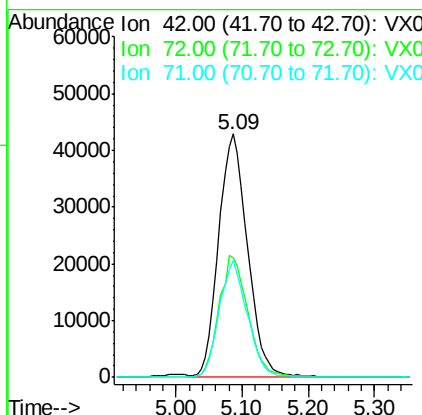
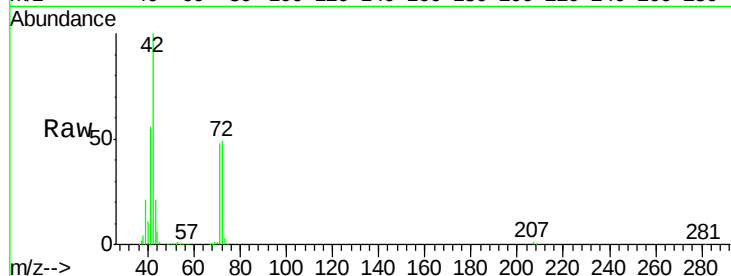
#29
Tetrahydrofuran
Concen: 79.198 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion:	42	Resp:	129757
Ion Ratio		Lower	Upper
42	100		
72	50.2	37.1	55.7
71	46.4	34.5	51.7

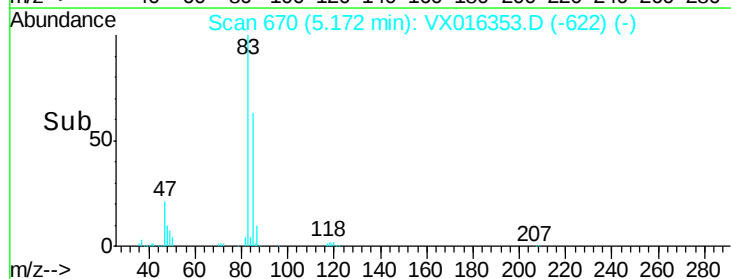
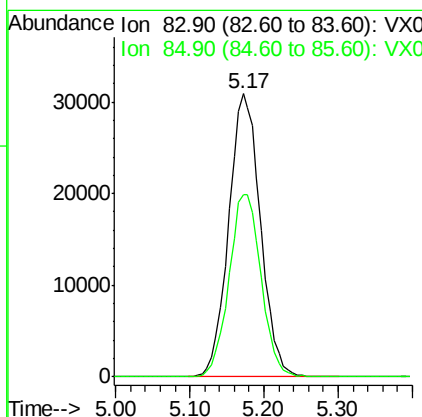
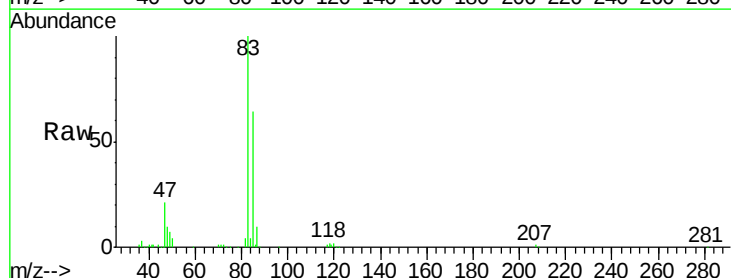
Manual Integrations
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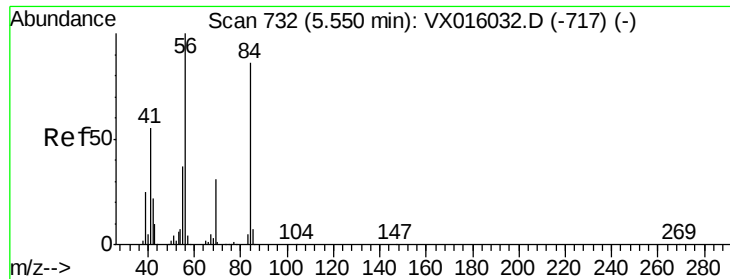
MMDadoda
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#30
Chloroform
Concen: 17.596 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion:	83	Resp:	92097
Ion Ratio		Lower	Upper
83	100		
85	64.2	51.6	77.4





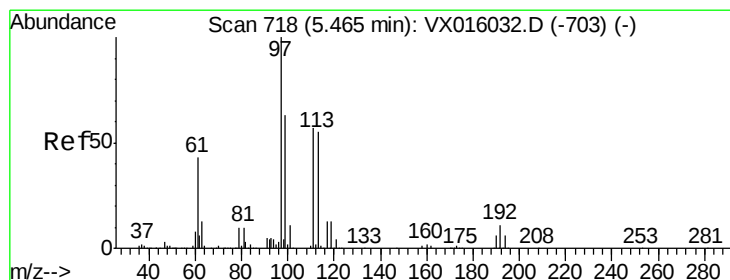
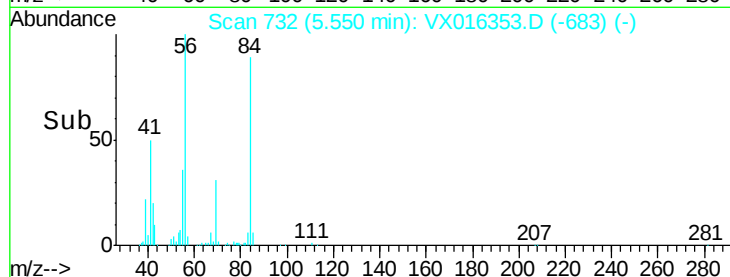
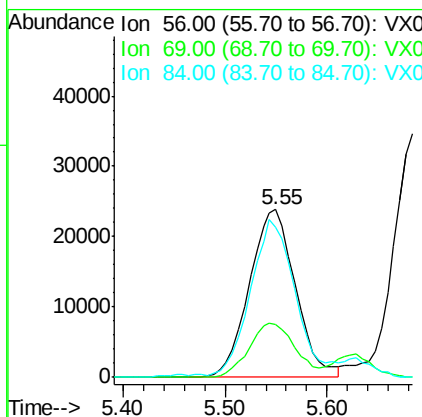
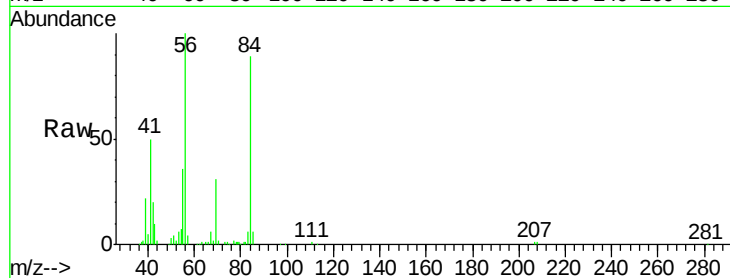
#31
Cyclohexane
Concen: 15.635 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	88.1	69.0	103.6

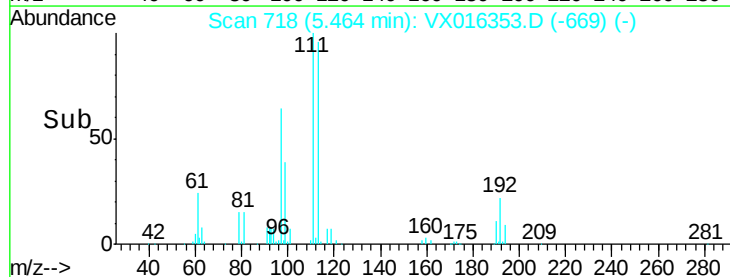
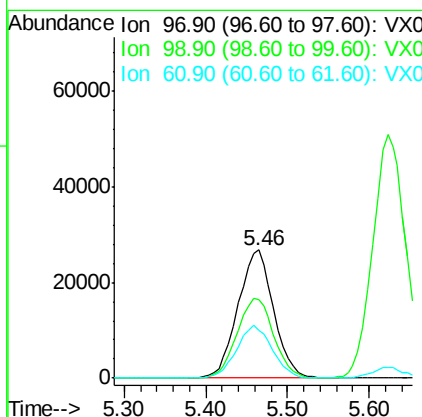
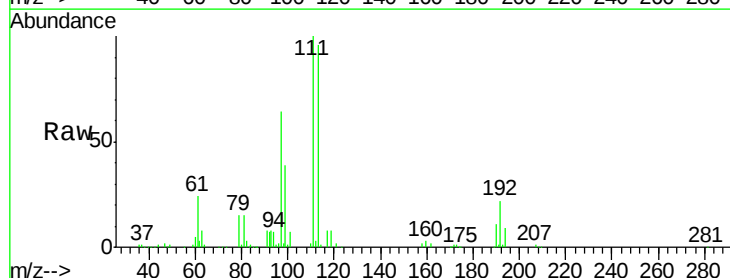
Manual Integrations
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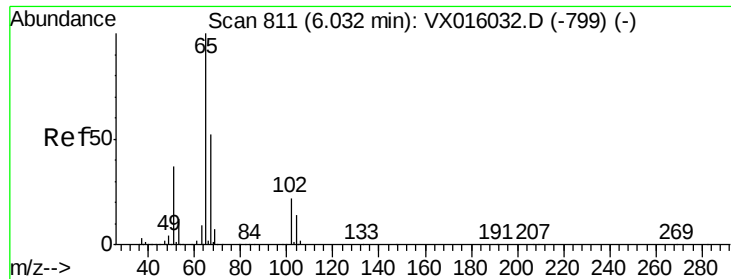
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.028 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	41.0	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 41.749 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 65 Resp: 143576

Ion Ratio Lower Upper

65 100

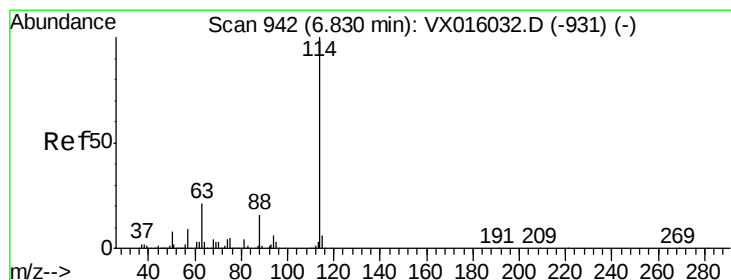
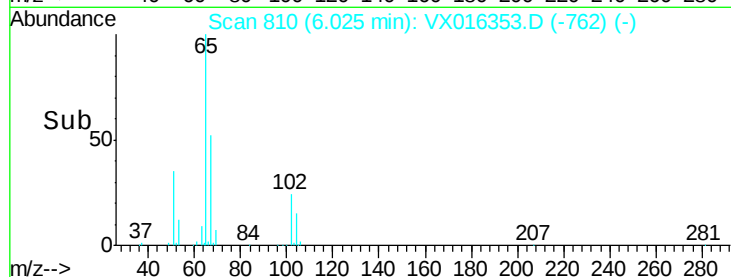
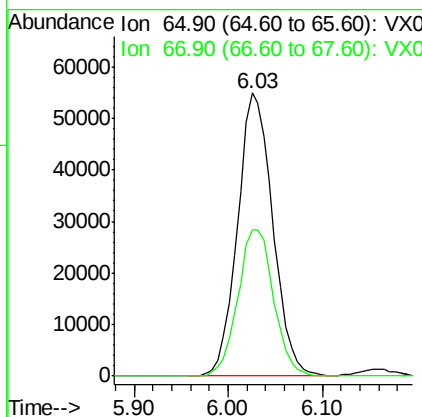
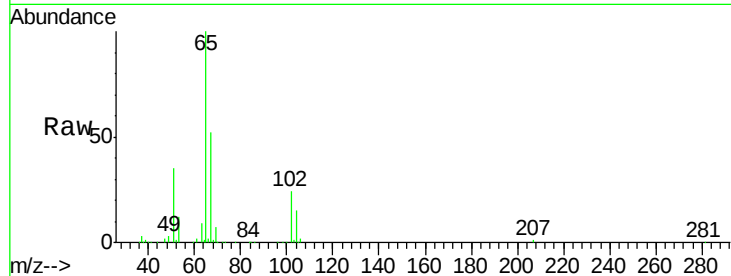
67 52.8 0.0 104.8

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: VX016353.D

Acq: 20 May 2020 12:27

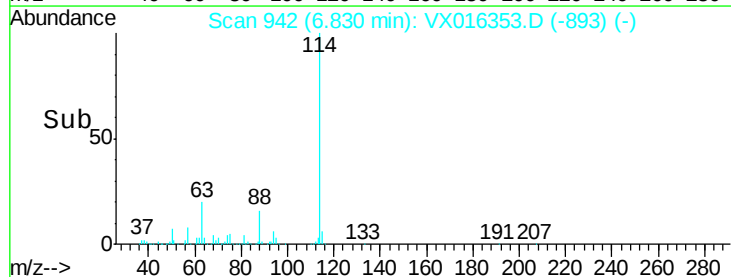
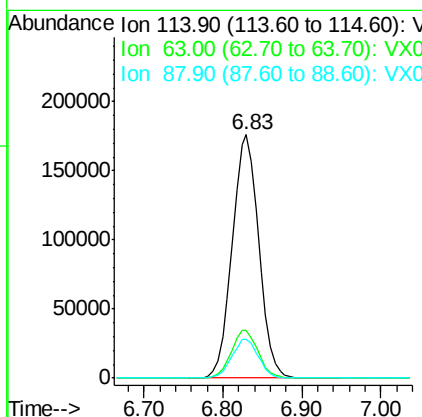
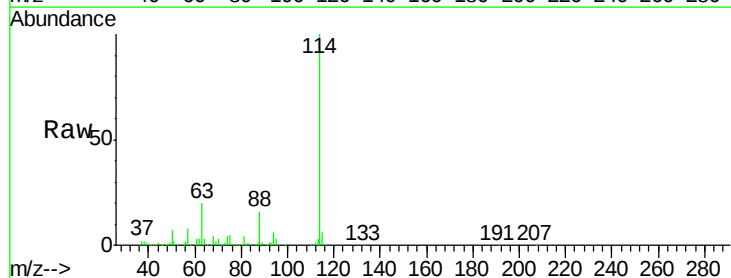
Tgt Ion: 114 Resp: 412905

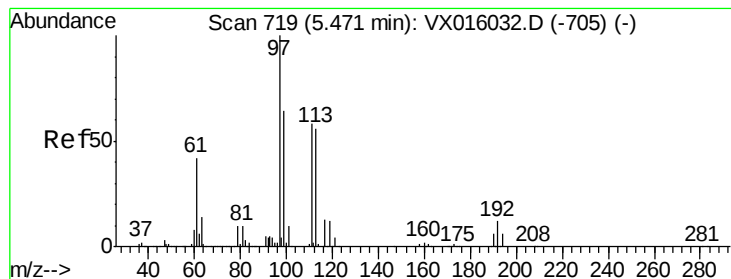
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 44.330 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

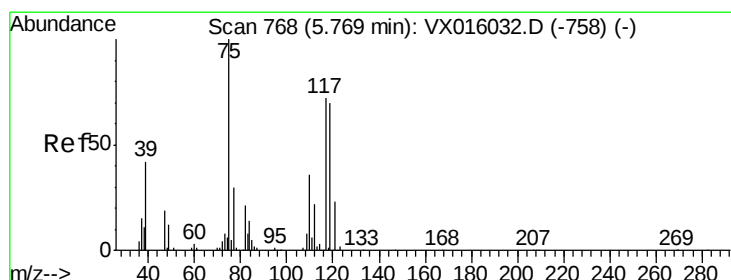
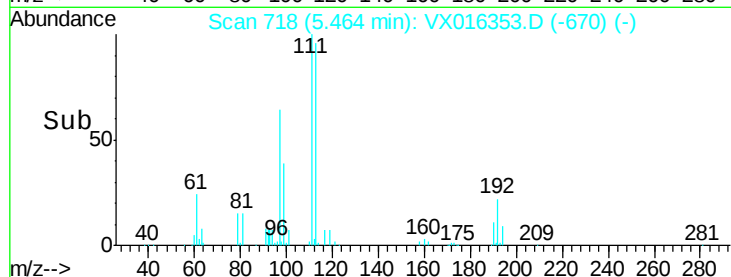
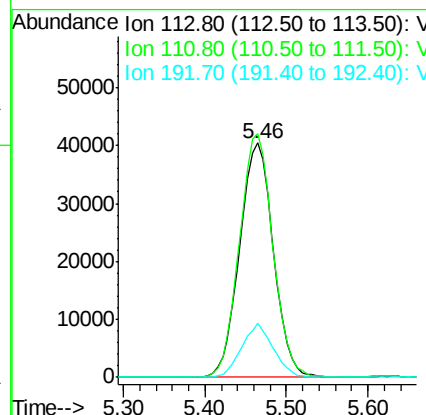
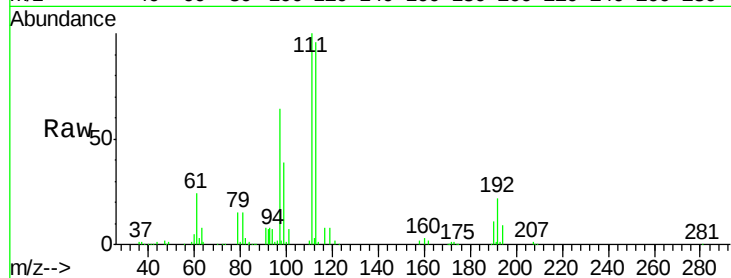
ClientSampleId :

VX0520WBSD01

Tot Ion:	113	Resp:	115963
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	21.6	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 16.519 ug/l

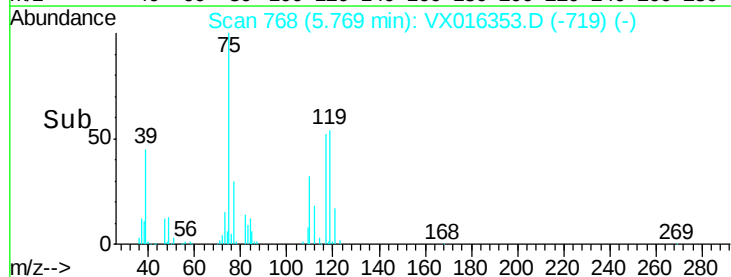
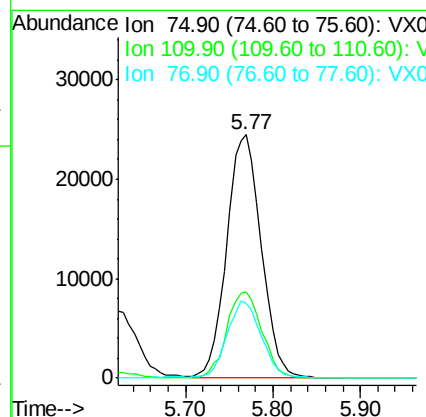
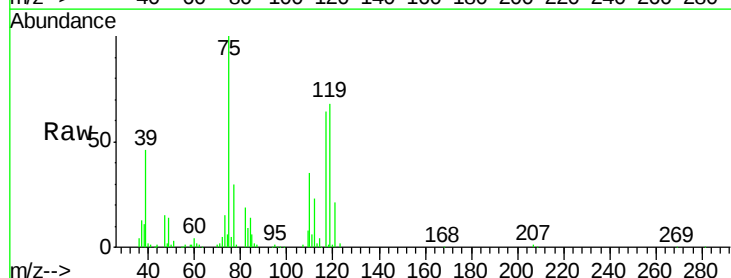
RT: 5.77 min Scan# 768

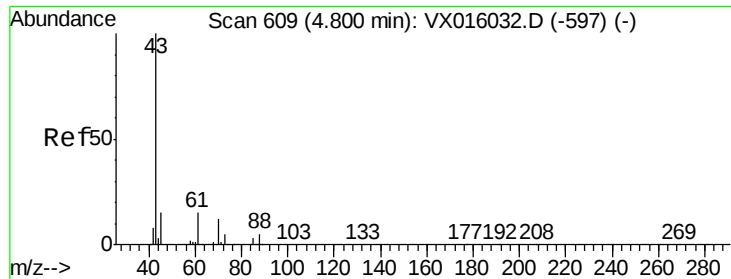
Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion:	75	Resp:	67142
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.1	54.1
77	31.5	25.0	37.6





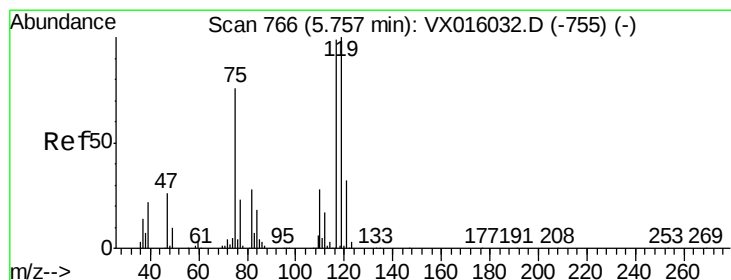
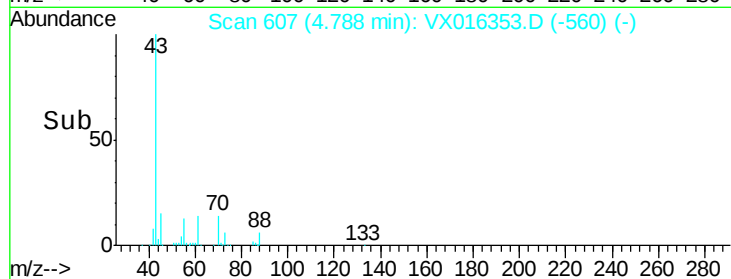
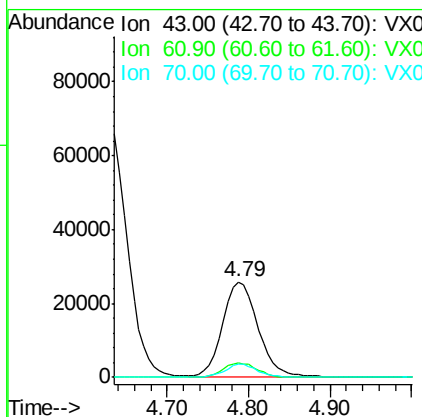
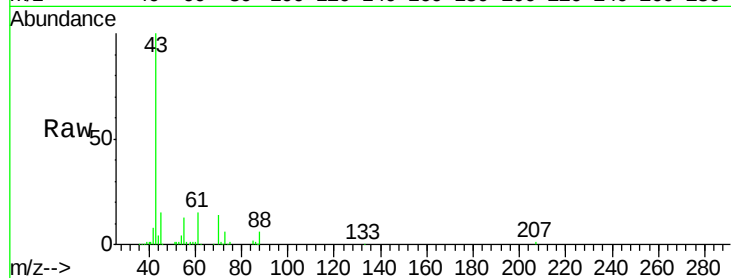
#37
Ethyl Acetate
Concen: 16.323 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	12.9	9.3	13.9

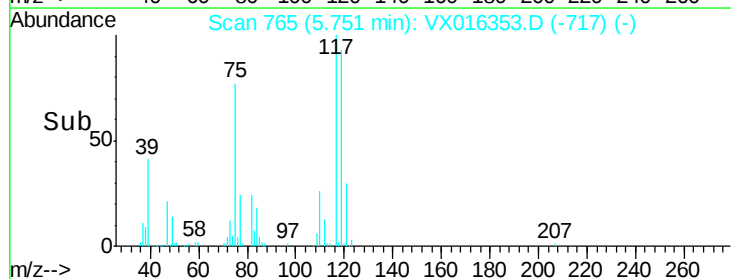
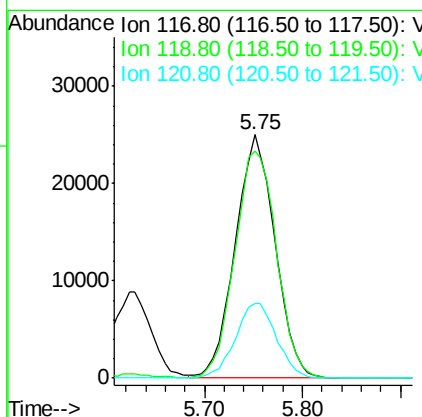
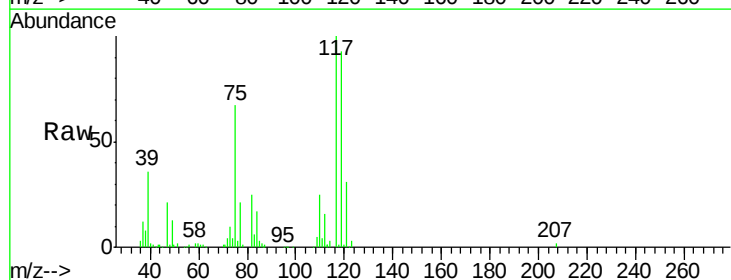
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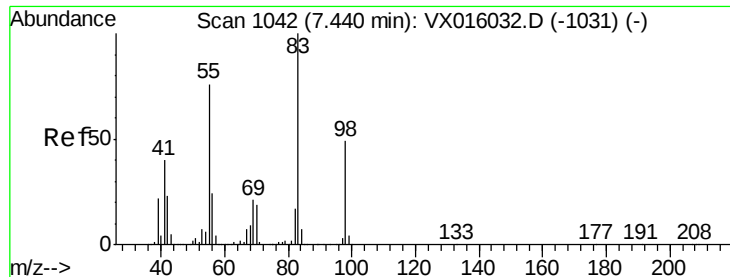
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#38
Carbon Tetrachloride
Concen: 17.189 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	80.3	120.5
121	30.8	25.7	38.5





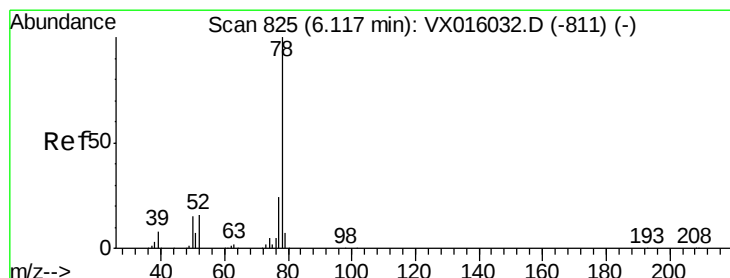
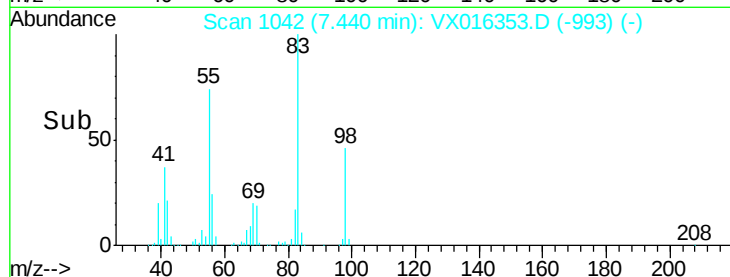
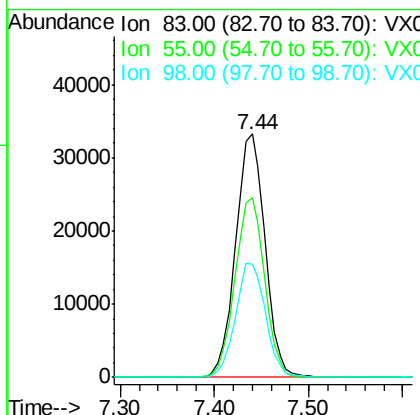
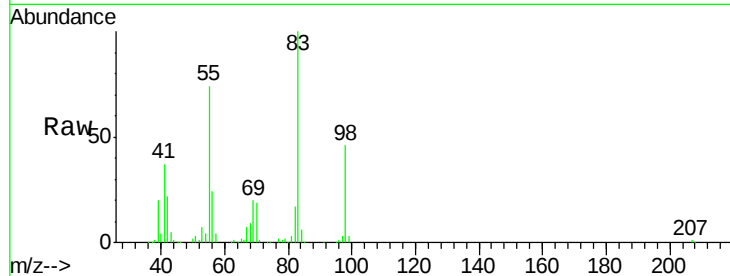
#39
Methvlcvclohexane
Concen: 14.829 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.1	91.7
98	46.4	39.0	58.4

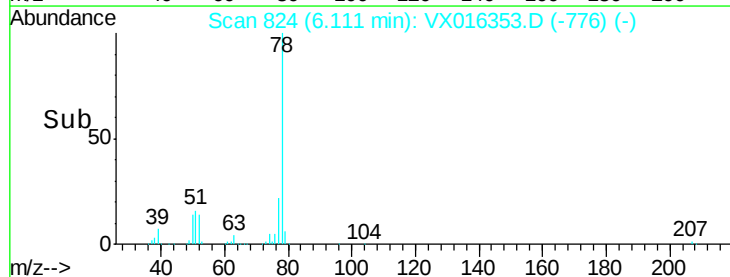
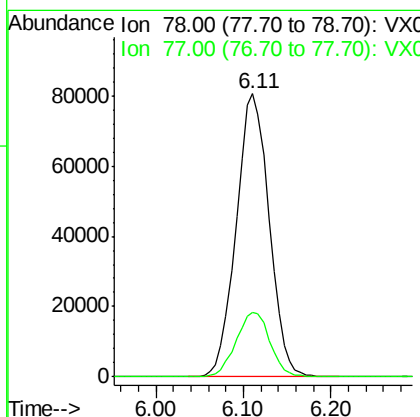
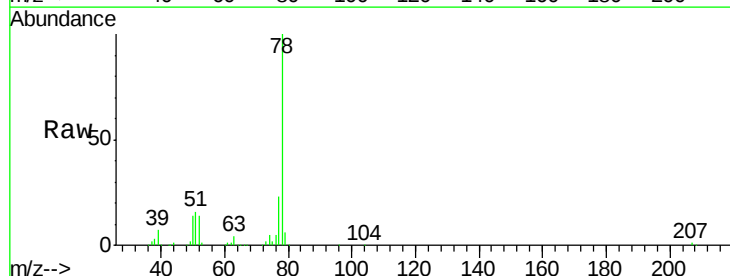
Manual Integrations
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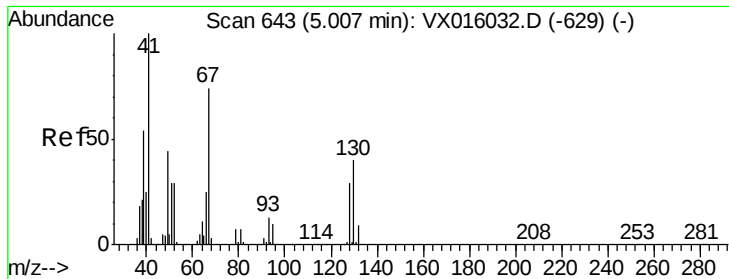
MMDadoda
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#40
Benzene
Concen: 17.758 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4





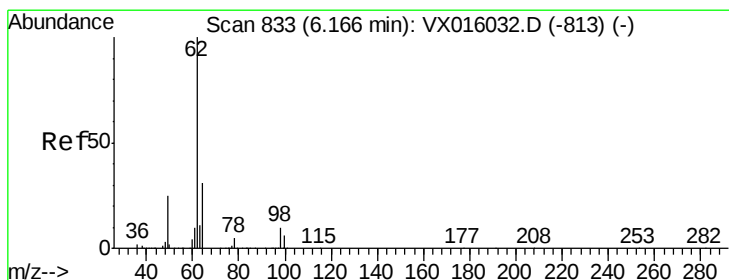
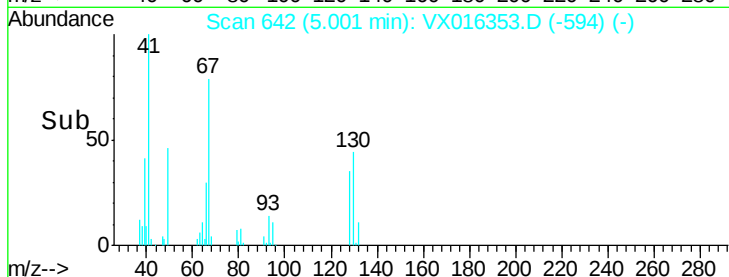
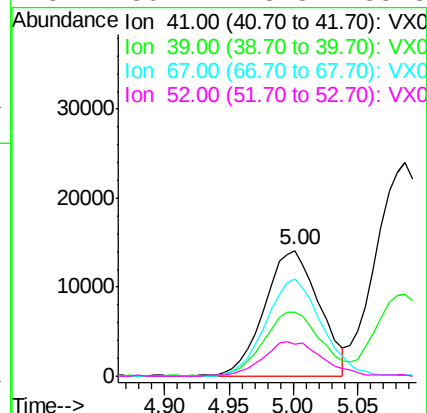
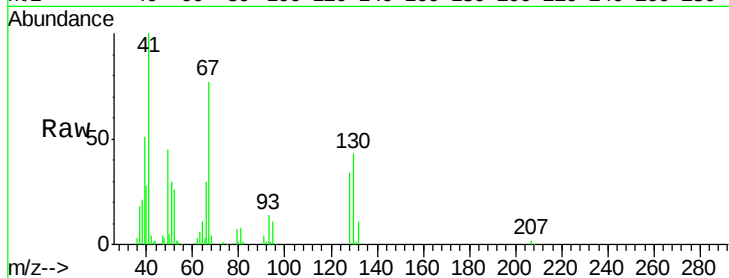
#41
Methacrylonitrile
Concen: 16.328 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion:	41	Resp:	41540
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	79.4	59.3	88.9
52	30.4	23.5	35.3

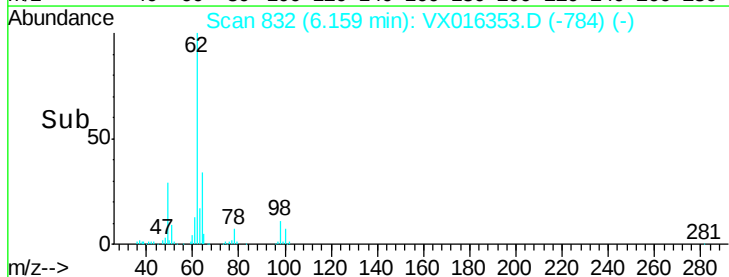
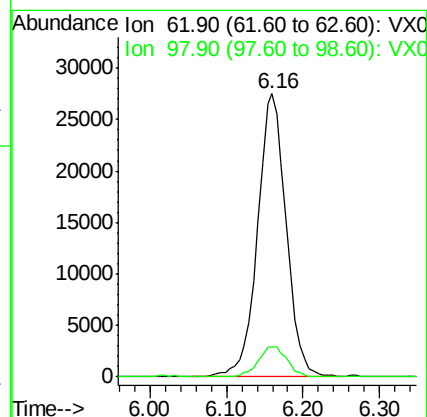
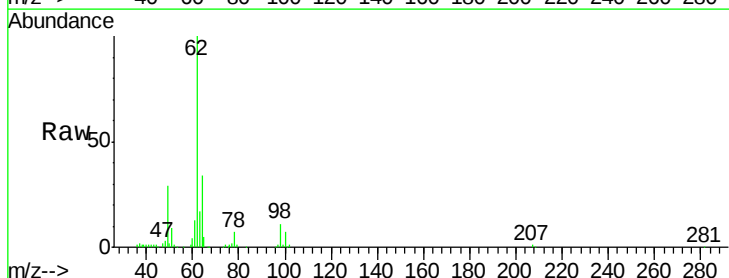
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 16.772 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion:	62	Resp:	71852
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 16.551 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

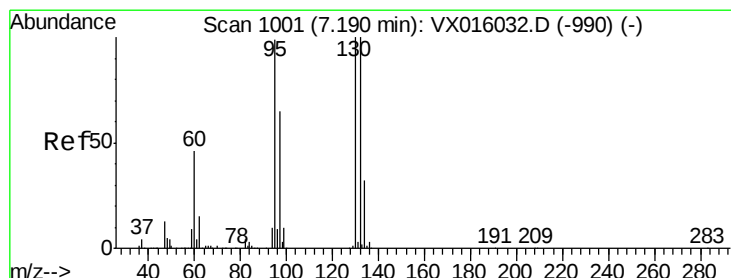
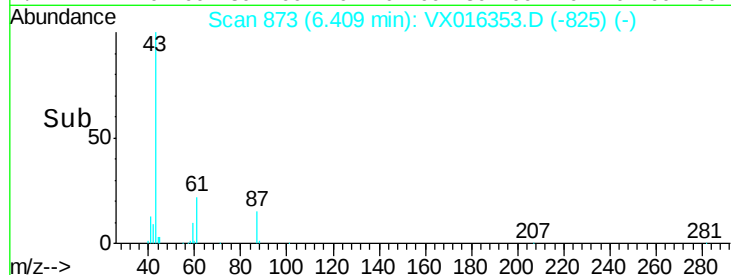
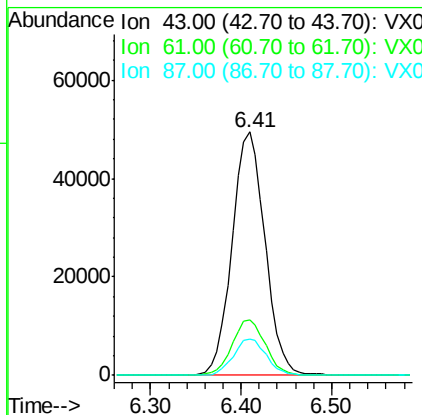
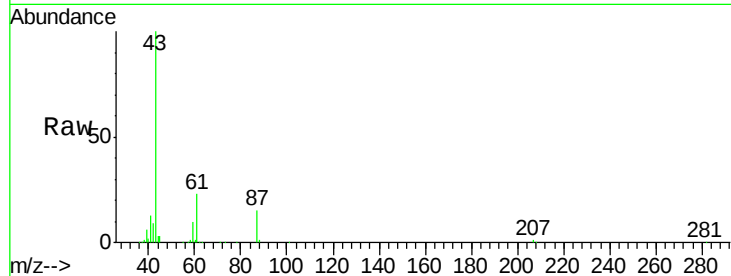
ClientSampleId :

VX0520WBSD01

Tot Ion:	43	Resp:	124403
Ion	Ratio	Lower	Upper
43	100		
61	23.2	17.0	25.4
87	15.2	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 17.085 ug/l

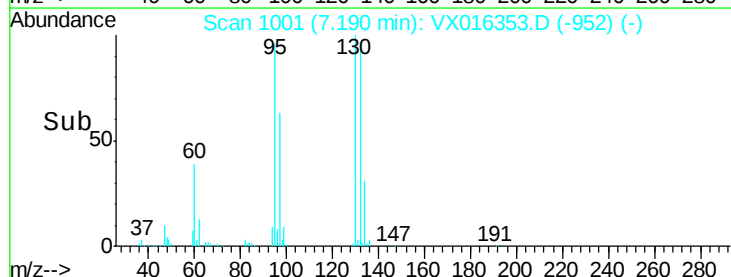
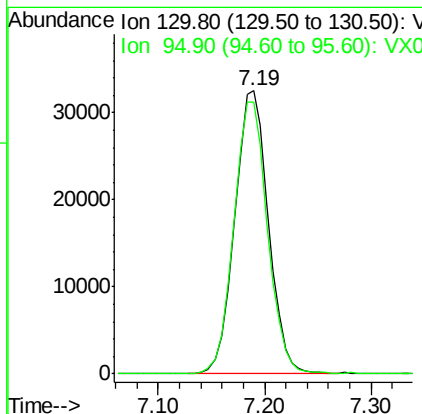
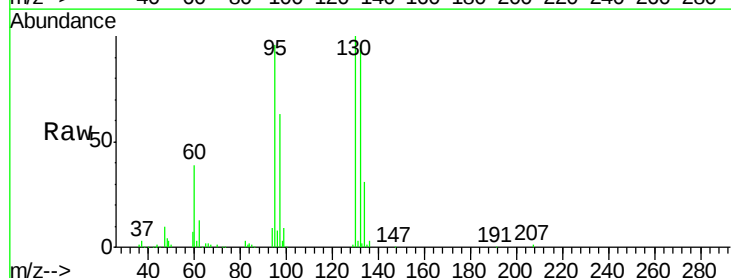
RT: 7.19 min Scan# 1001

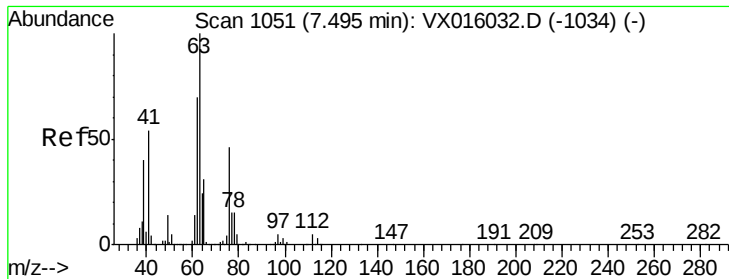
Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion:	130	Resp:	72183
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	197.4





#45

1,2-Dichloropropane

Concen: 17.875 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 63 Resp: 53790

Ion Ratio Lower Upper

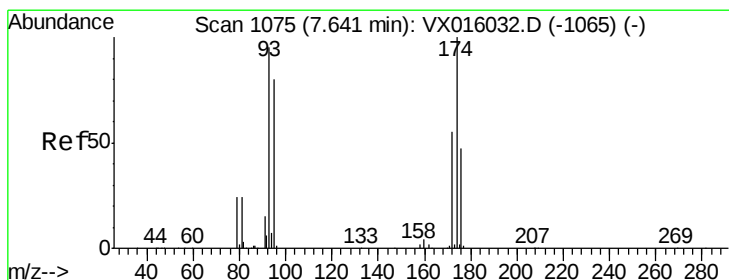
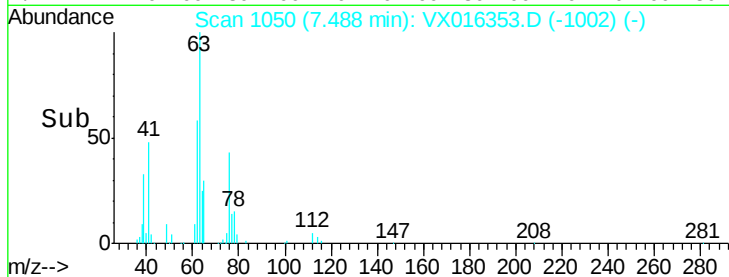
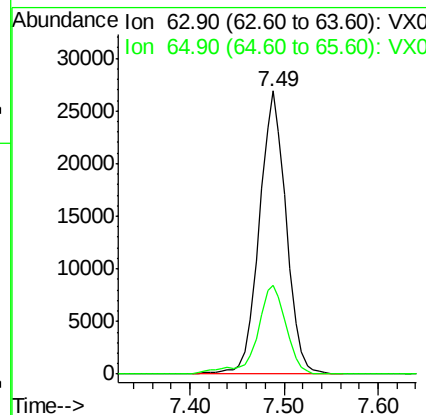
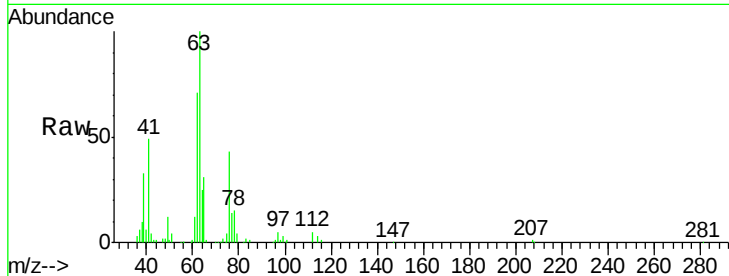
63 100

65 31.5 24.4 36.6

Manual Integrations
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#46

Dibromomethane

Concen: 18.088 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

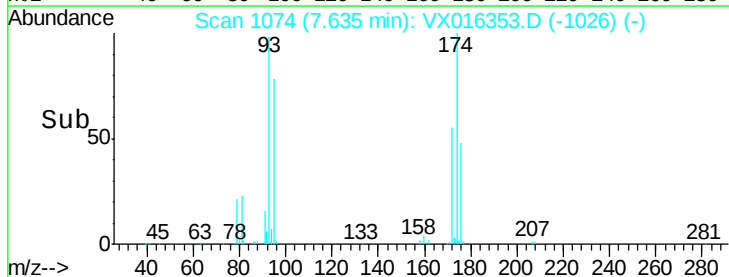
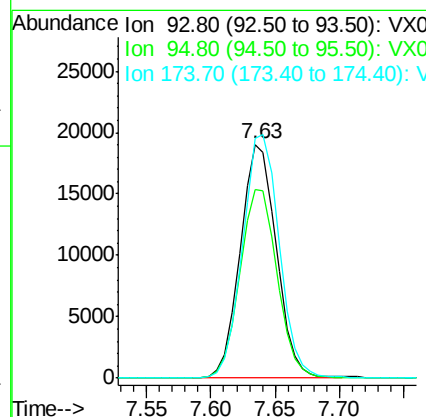
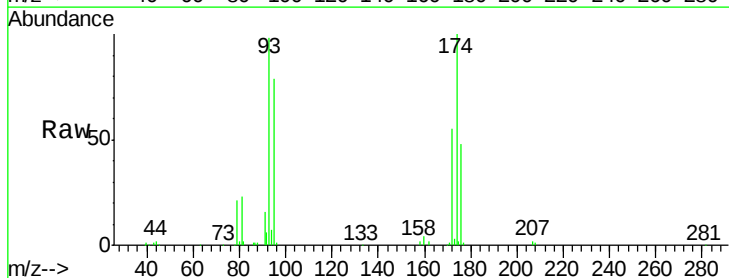
Tgt Ion: 93 Resp: 36989

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 105.6 84.2 126.4





#47

Bromodichloromethane

Concen: 17.814 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

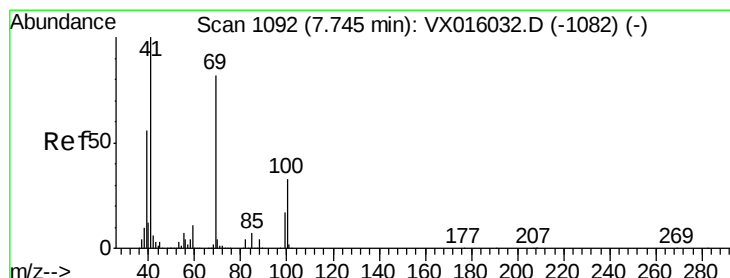
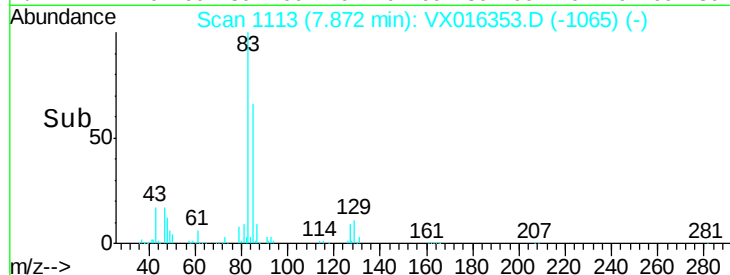
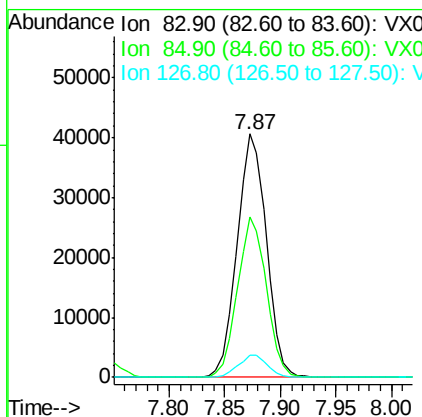
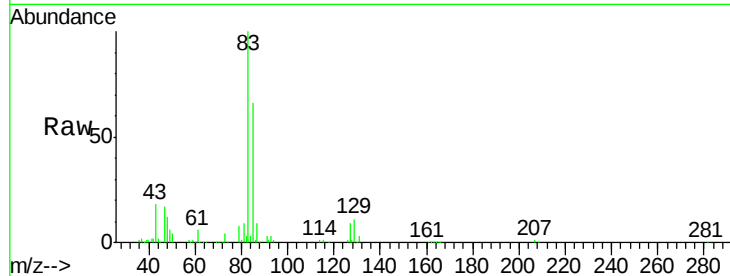
ClientSampleId :

VX0520WBSD01

Tot Ion:	83	Resp:	74194
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.5	75.7
127	9.4	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:15:20 PM



#48

Methyl methacrylate

Concen: 16.318 ug/l

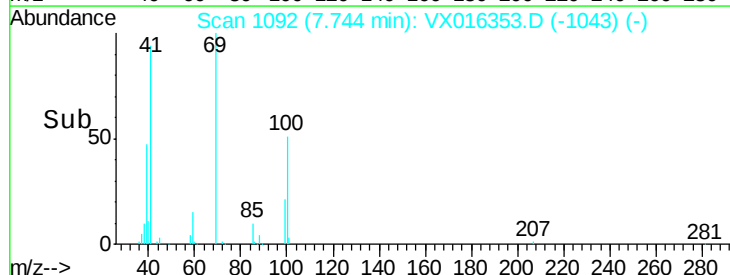
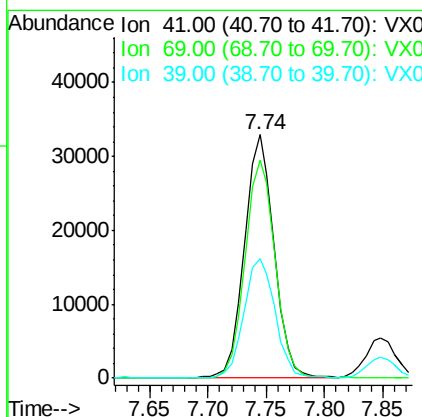
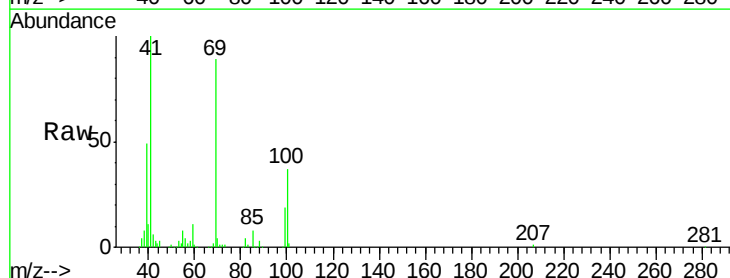
RT: 7.74 min Scan# 1092

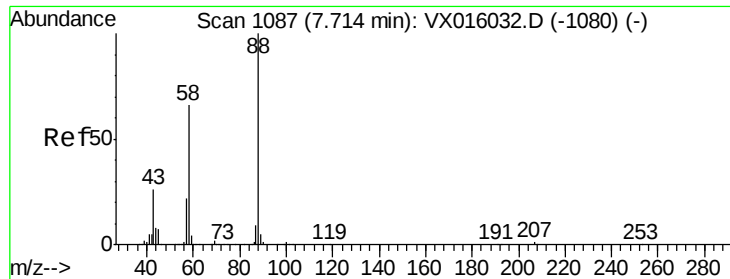
Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion:	41	Resp:	58117
Ion	Ratio	Lower	Upper
41	100		
69	91.7	67.8	101.6
39	52.5	44.6	67.0





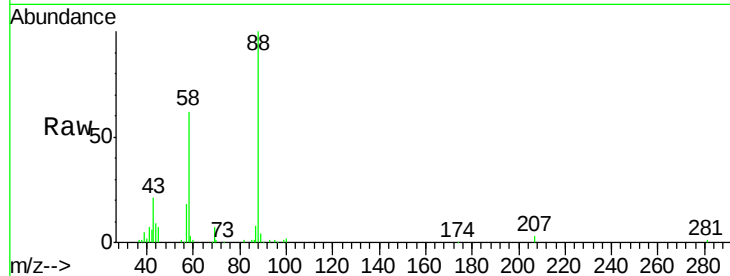
#49
1,4-Dioxane
Concen: 329.694 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	25.3	37.9
58	68.0	55.9	83.9

Manual Integrations
APPROVED

MMDadoda
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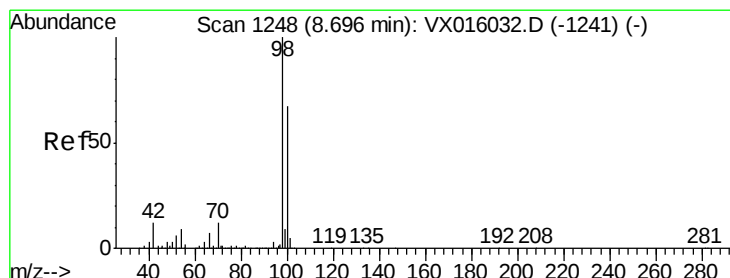
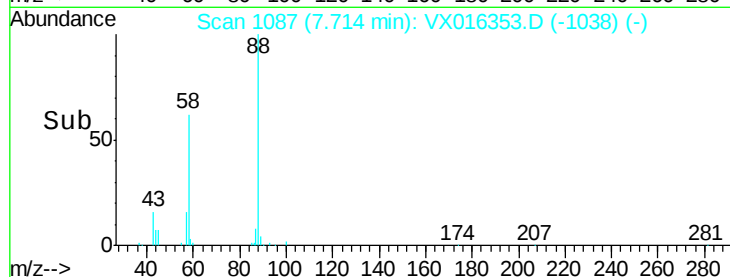
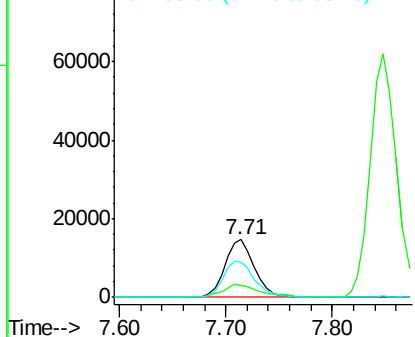


Abundance

Ion 88.00 (87.70 to 88.70): VX0

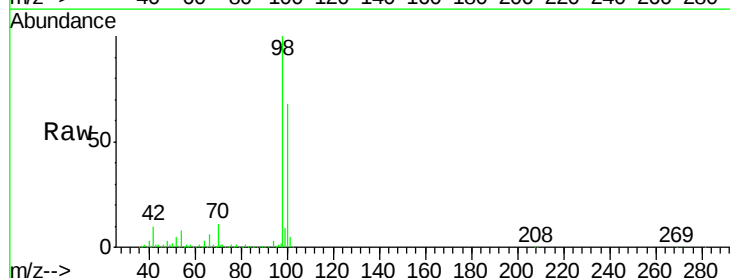
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 45.660 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

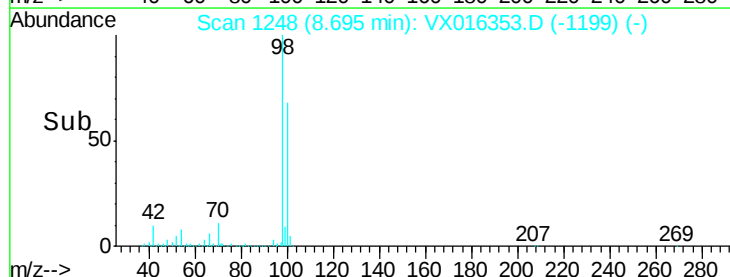
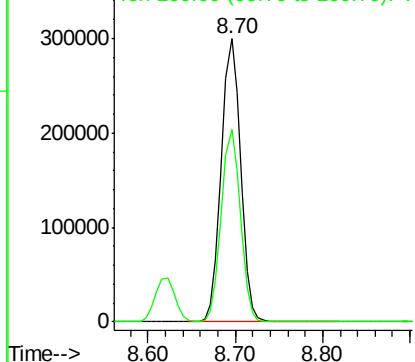
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5

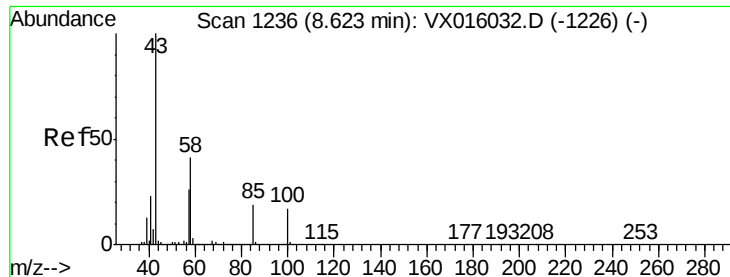


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





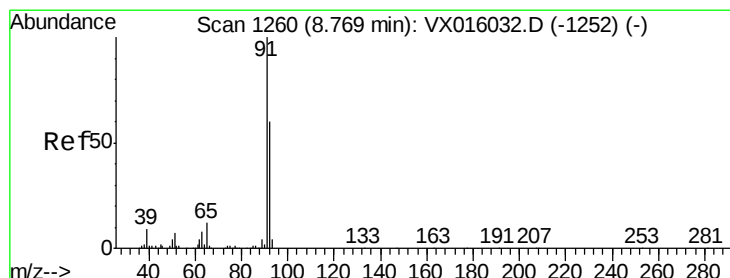
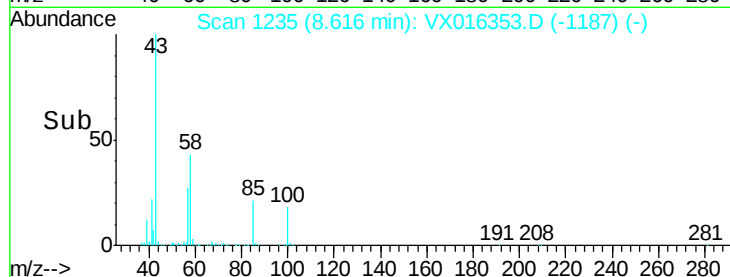
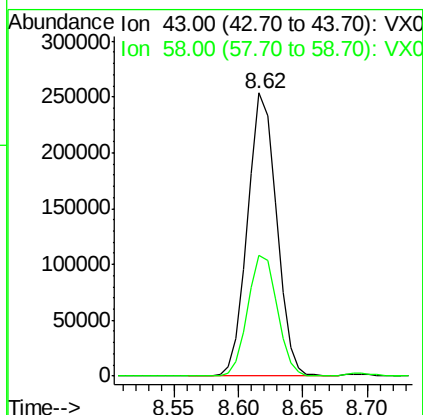
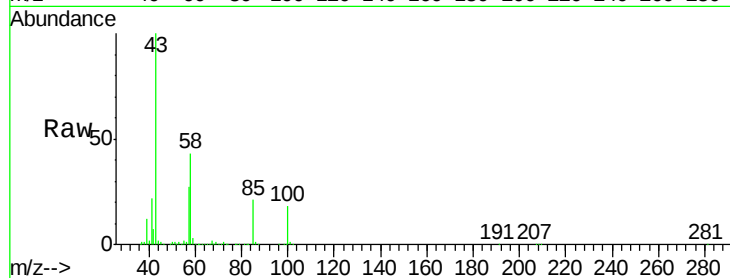
#51
4-Methyl-2-Pentanone
Concen: 85.499 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.6	33.0	49.4

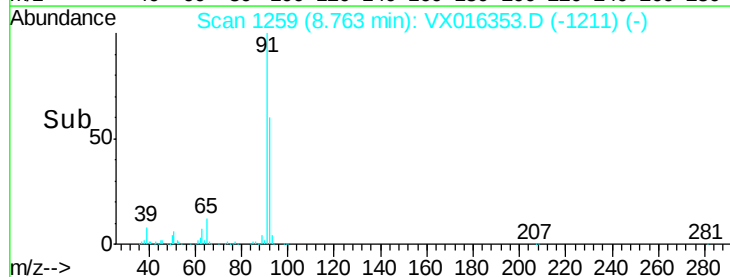
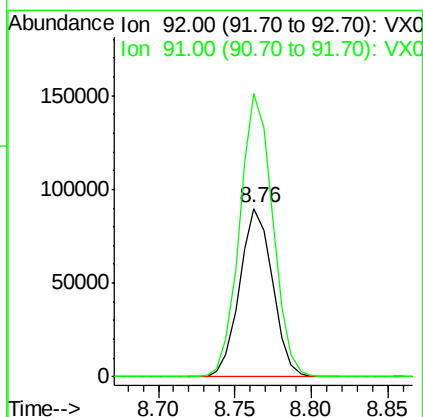
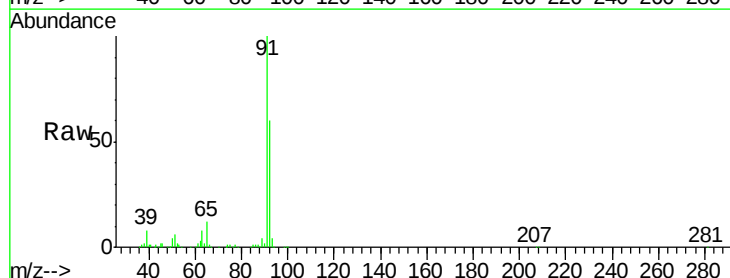
Manual Integrations
APPROVED

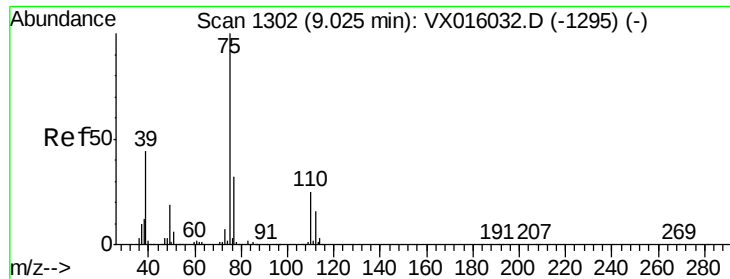
MMDadoda
5/21/2020 1:15:20 PM



#52
Toluene
Concen: 18.124 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.9	134.5	201.7





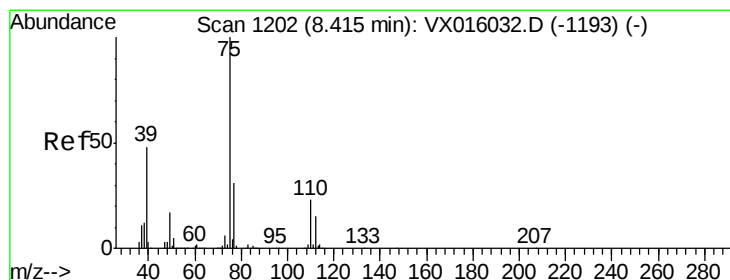
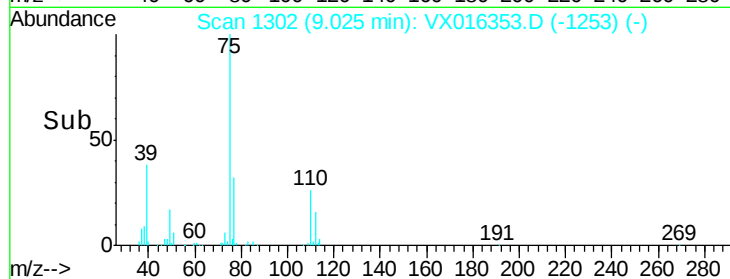
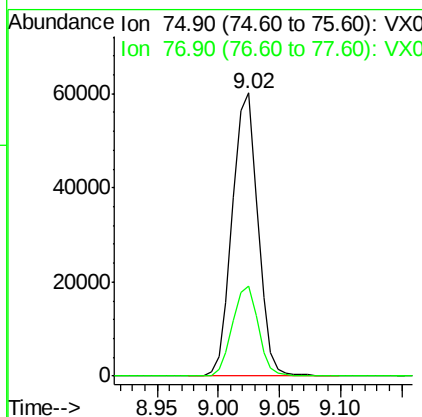
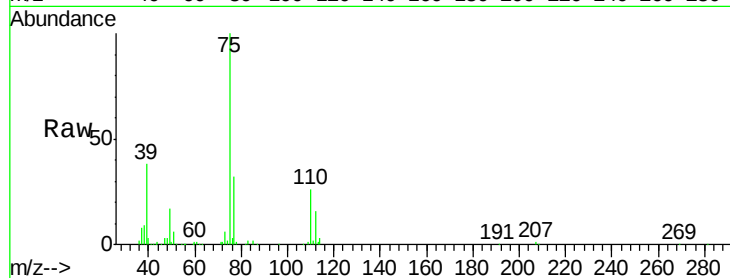
#53
t-1,3-Dichloropropene
Concen: 17.583 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampled :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5

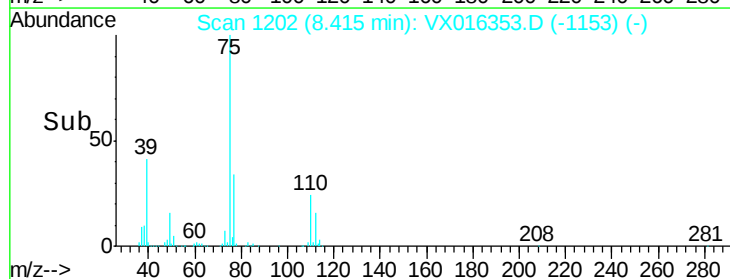
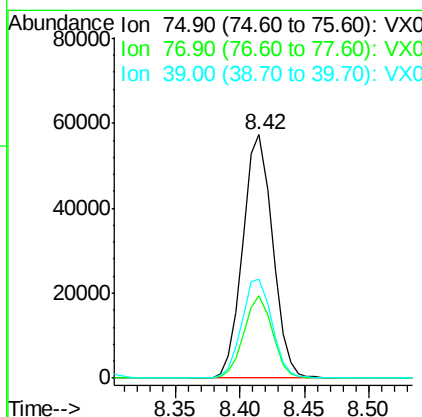
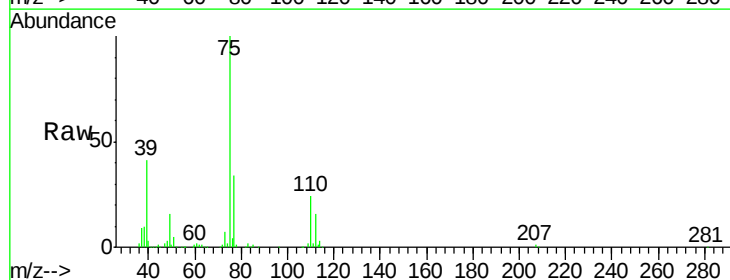
Manual Integrations
APPROVED

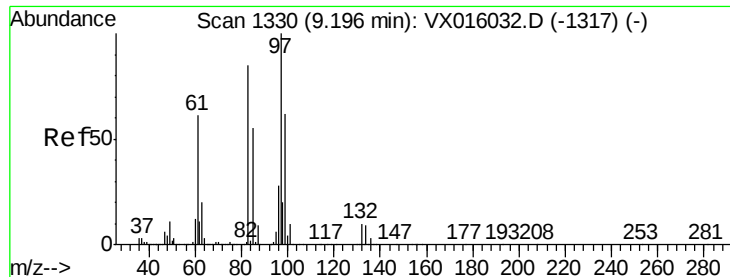
MMDadoda
5/21/2020 1:15:20 PM



#54
cis-1,3-Dichloropropene
Concen: 17.763 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.5	24.7	37.1
39	40.5	38.7	58.1





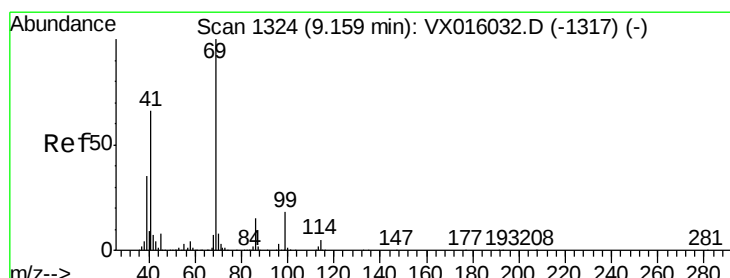
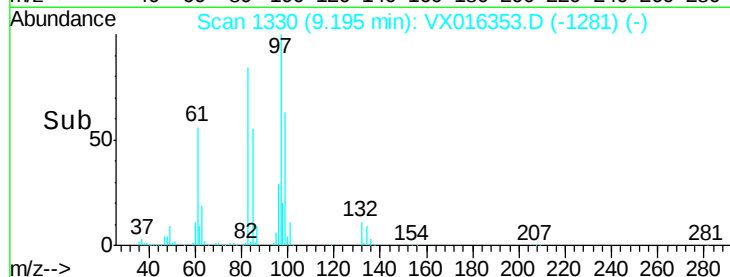
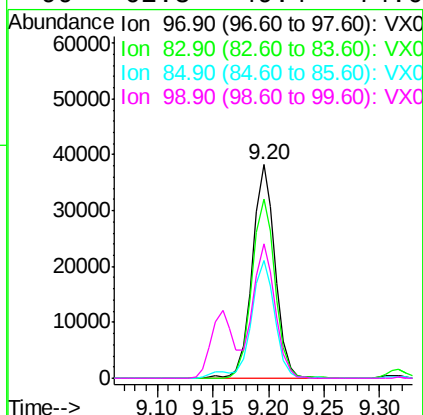
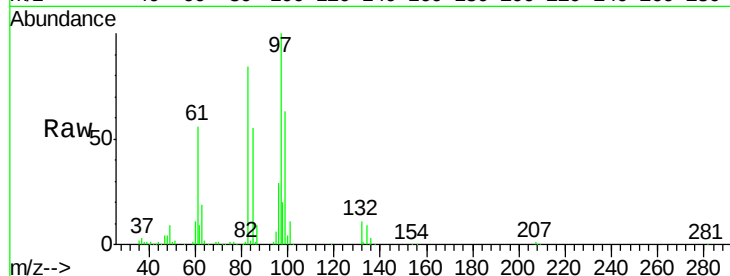
#55
 1,1,2-Trichloroethane
 Concen: 18.673 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	83.8	67.8	101.8	
85	55.0	43.8	65.8	
99	62.8	49.4	74.0	

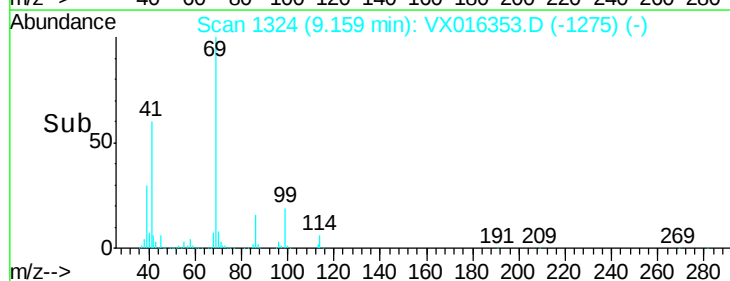
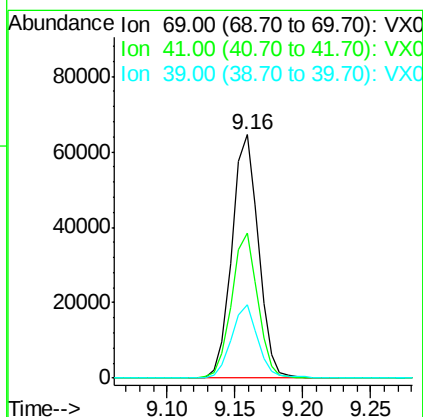
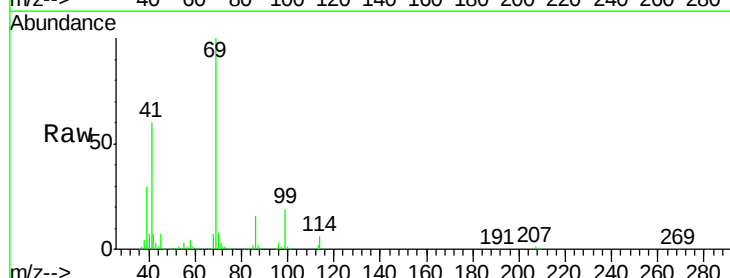
Manual Integrations
 APPROVED

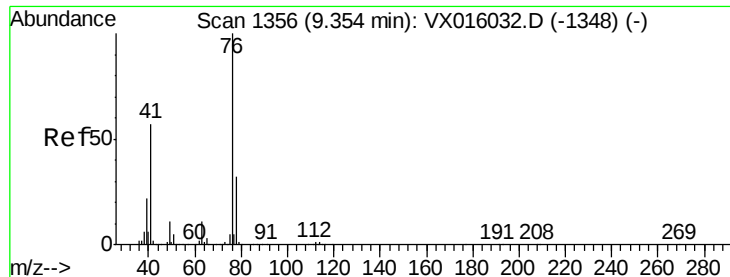
MMDadoda
 5/21/2020 1:15:20 PM



#56
 Ethyl methacrylate
 Concen: 18.411 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	59.3	52.2	78.4	
39	30.2	28.2	42.4	





#57

1,3-Dichloropropane

Concen: 18.466 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 76 Resp: 93970

Ion Ratio Lower Upper

76 100

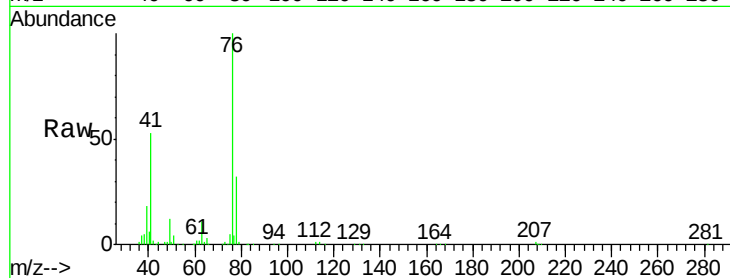
78 32.0 25.9 38.9

Manual Integrations

APPROVED

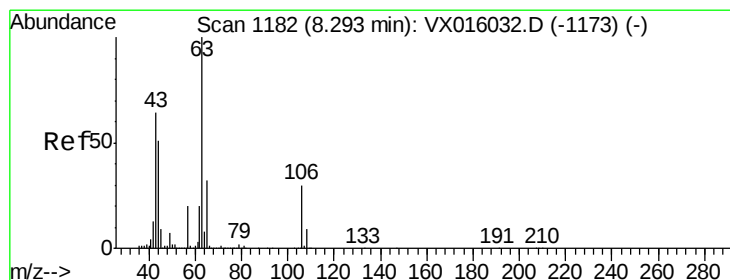
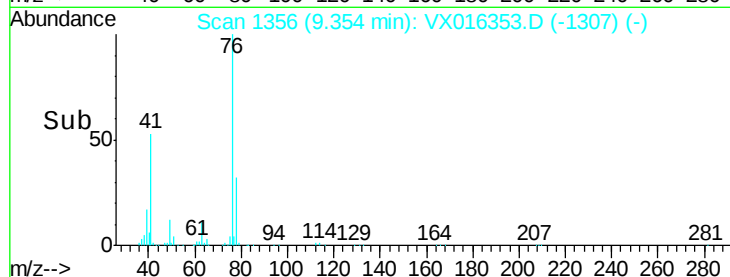
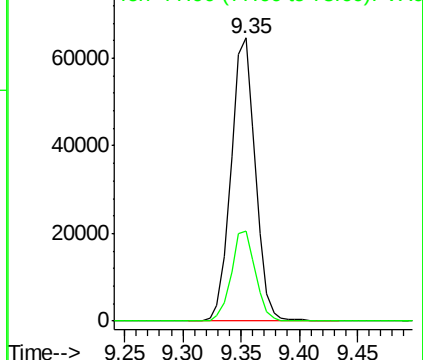
MMDadoda

5/21/2020 1:15:20 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 86.131 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016353.D

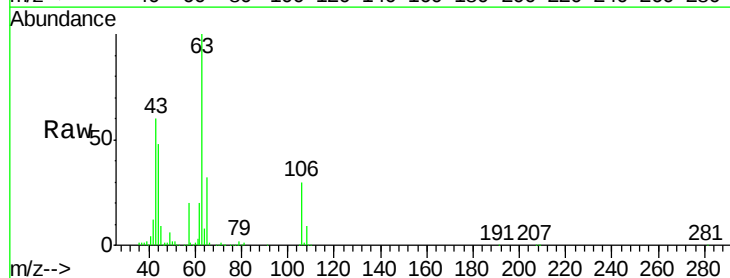
Acq: 20 May 2020 12:27

Tgt Ion: 63 Resp: 218291

Ion Ratio Lower Upper

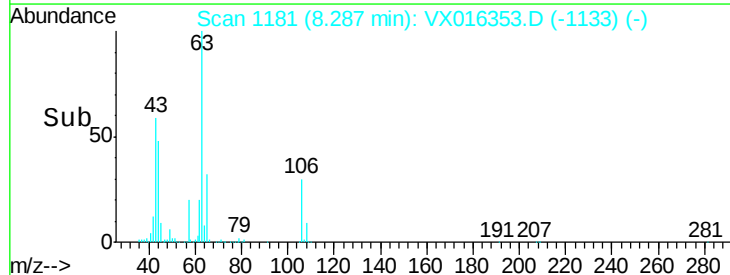
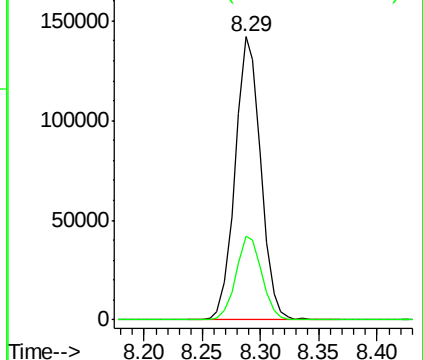
63 100

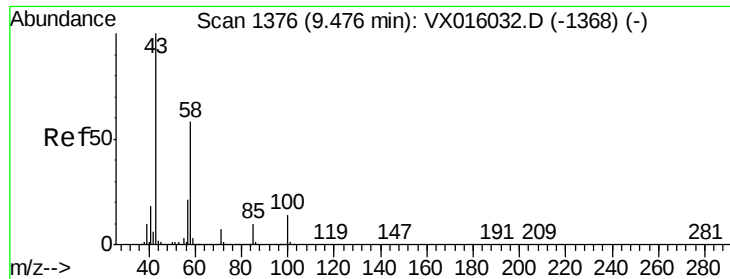
106 29.9 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





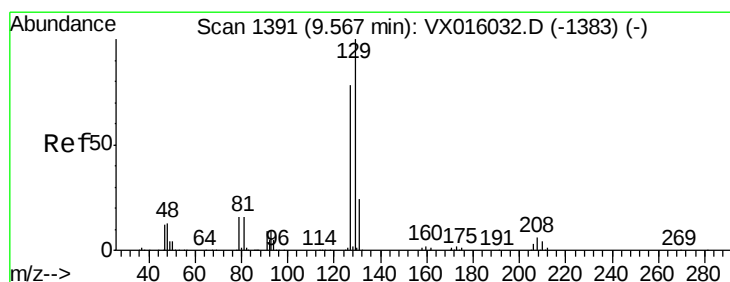
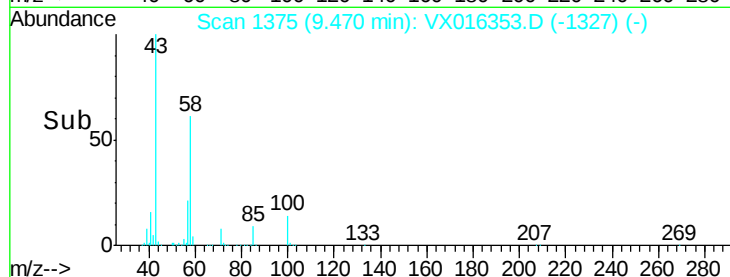
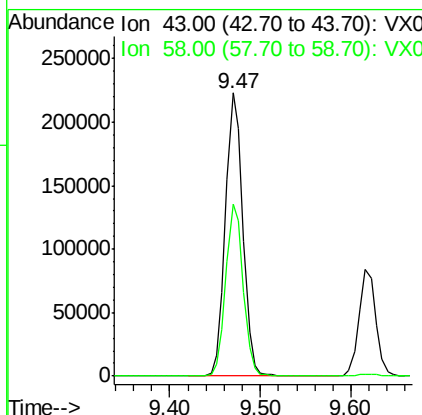
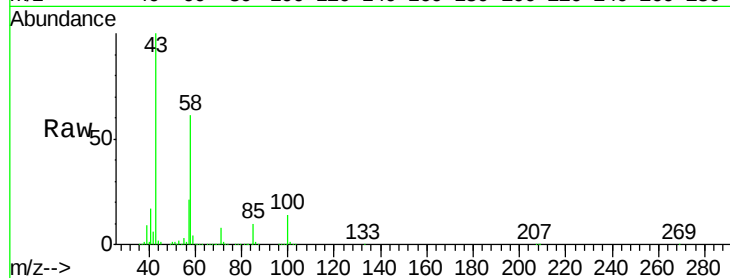
#59
2-Hexanone
Concen: 82.841 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	43	Resp	299234
Ion Ratio	43	100	
Lower	58	60.7	28.6
Upper			85.9

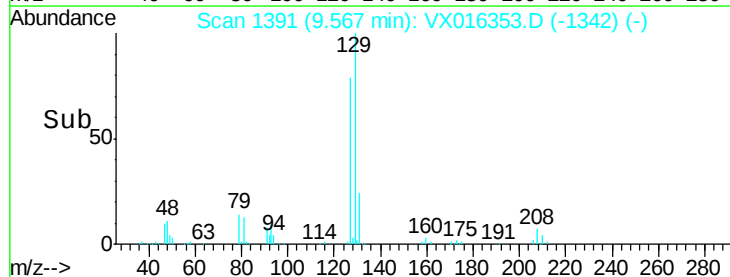
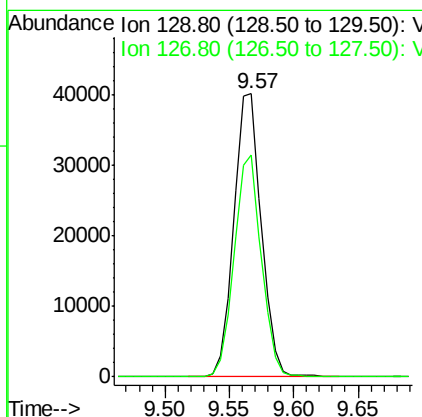
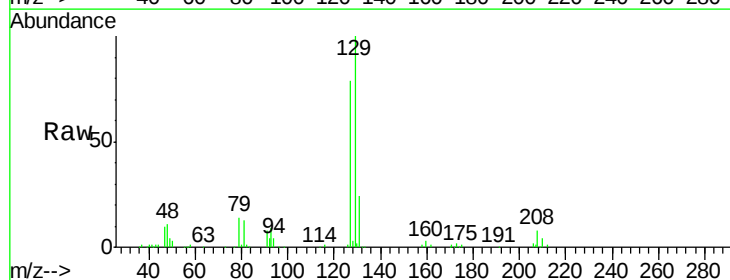
Manual Integrations
APPROVED

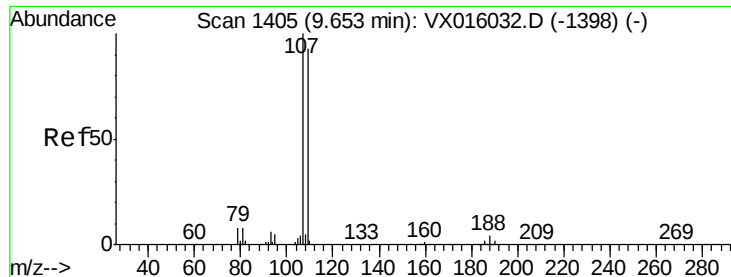
MMDadoda
5/21/2020 1:15:20 PM



#60
Dibromochloromethane
Concen: 18.600 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	129	Resp	59743
Ion Ratio	129	100	
Lower	127	77.3	38.4
Upper			115.2





#61

1,2-Dibromoethane

Concen: 18.131 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 107 Resp: 57276

Ion Ratio Lower Upper

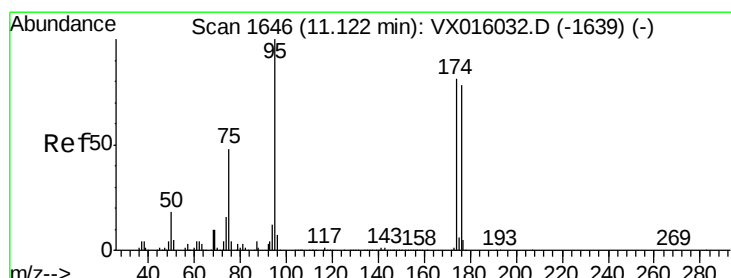
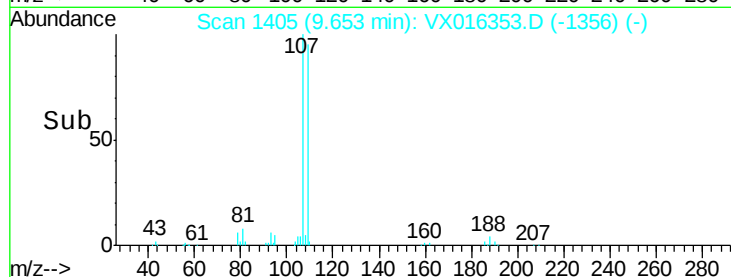
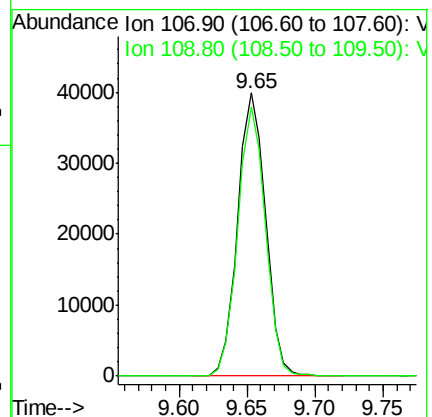
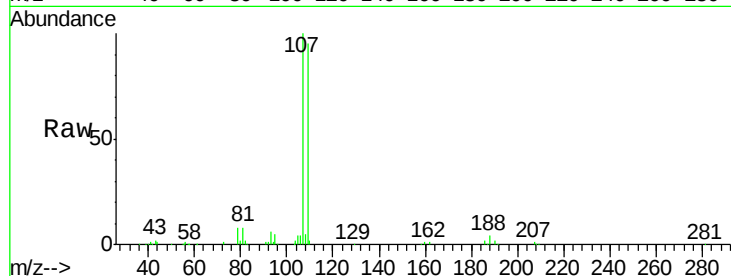
107 100

109 94.0 74.9 112.3

Manual Integrations
APPROVED

MMDadoda

5/21/2020 1:15:20 PM



#62

4-Bromofluorobenzene

Concen: 46.503 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

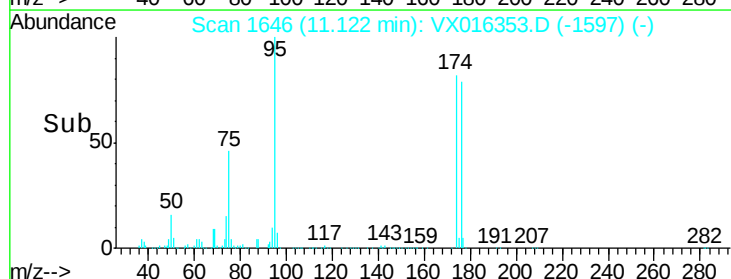
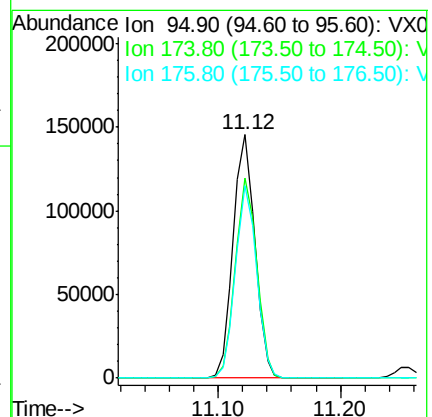
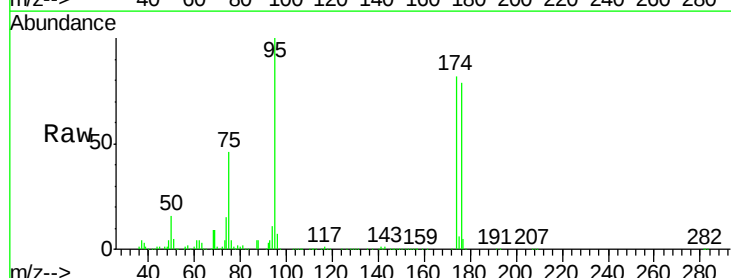
Tgt Ion: 95 Resp: 178280

Ion Ratio Lower Upper

95 100

174 81.2 0.0 159.4

176 77.2 0.0 157.6





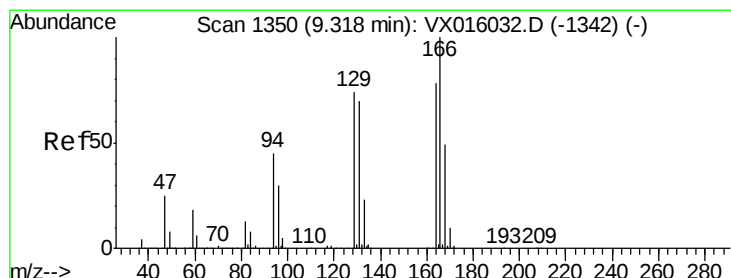
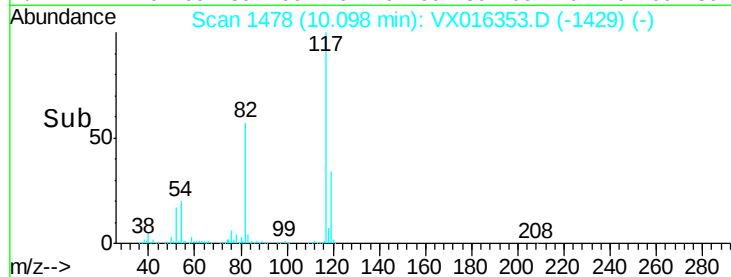
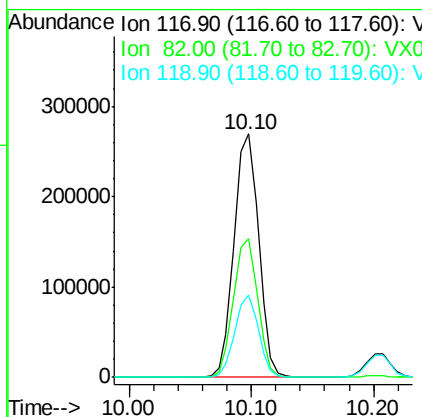
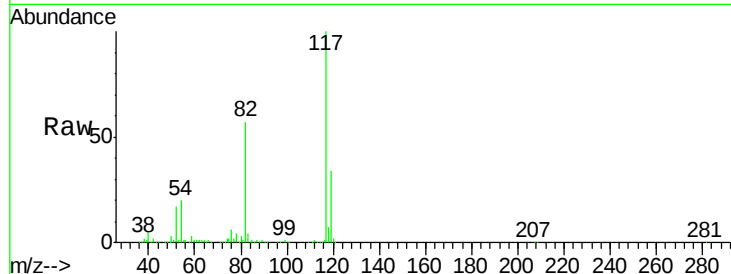
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	373879		
82	57.1		44.4	66.6
119	33.6		25.5	38.3

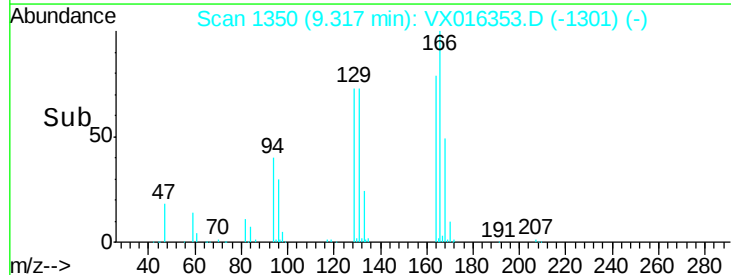
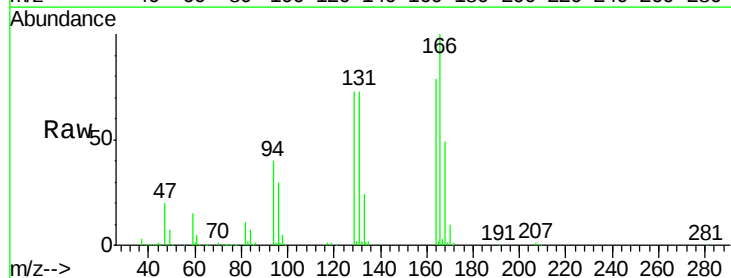
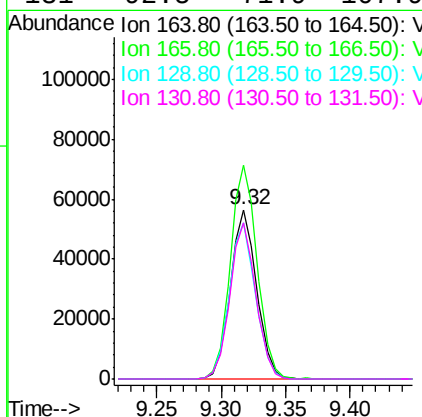
Manual Integrations
APPROVED

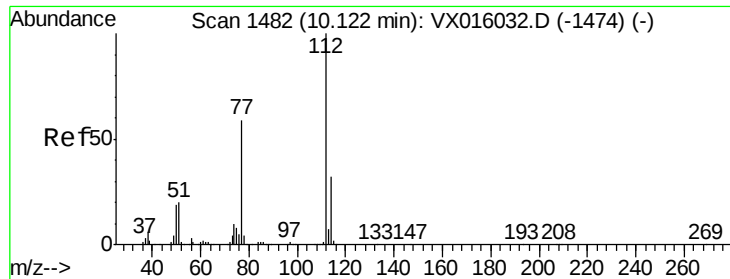
MMDadoda
5/21/2020 1:15:20 PM



#64
Tetrachloroethene
Concen: 17.534 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80477		
166	126.4		102.9	154.3
129	92.5		76.1	114.1
131	92.5		71.9	107.9





#65

Chlorobenzene

Concen: 18.373 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion:112 Resp: 143834

Ion Ratio Lower Upper

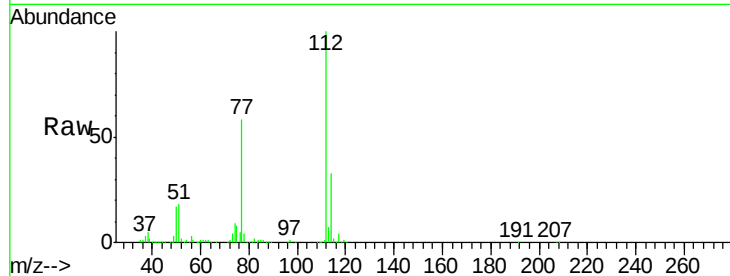
112 100

114 32.6 25.7 38.5

Manual Integrations
APPROVED

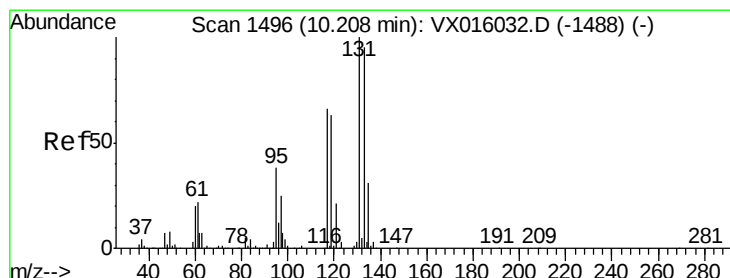
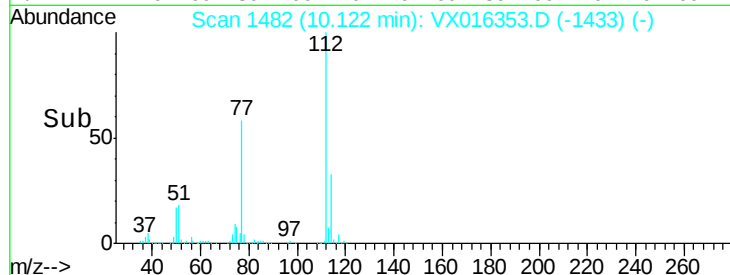
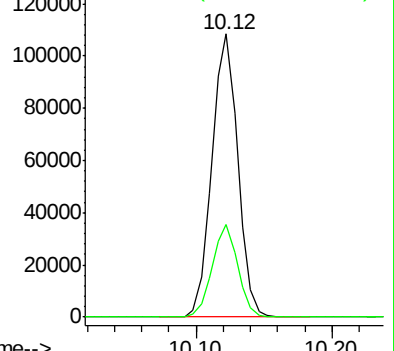
MMDadoda

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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: 19.195 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

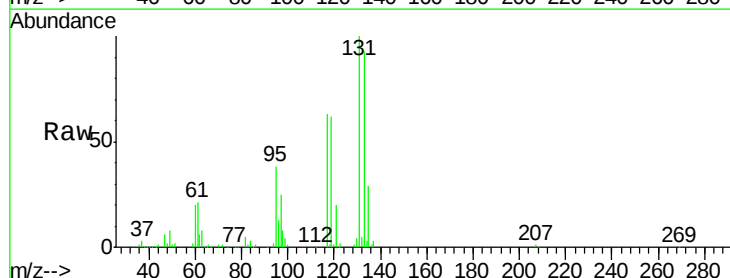
Tgt Ion:131 Resp: 55540

Ion Ratio Lower Upper

131 100

133 94.5 48.3 144.8

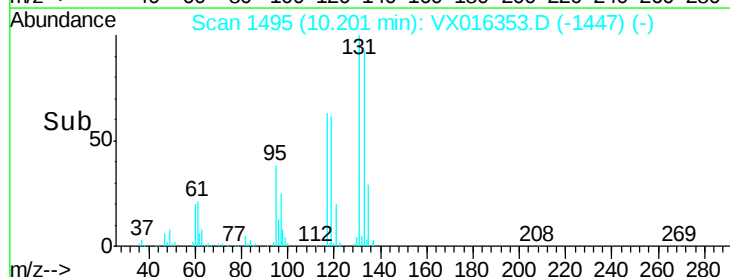
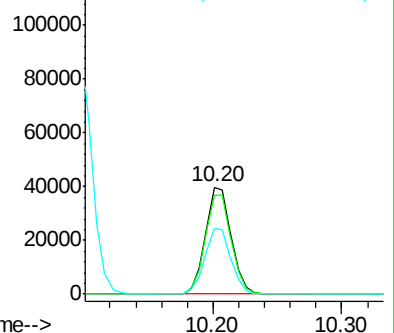
119 62.7 32.3 96.9

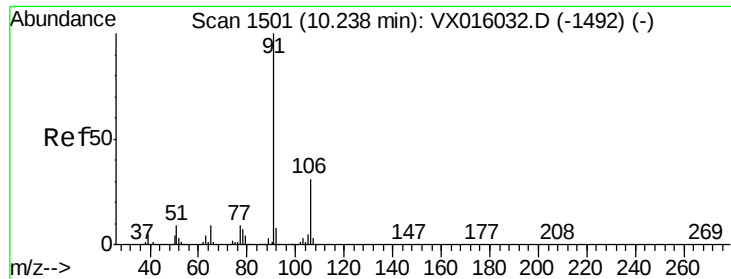


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.008 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 91 Resp: 251538

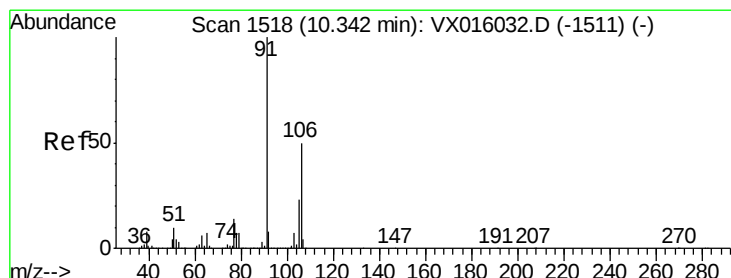
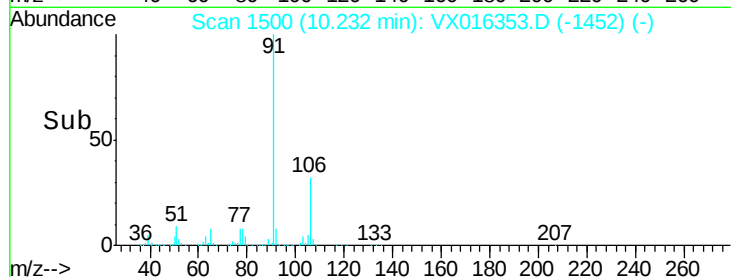
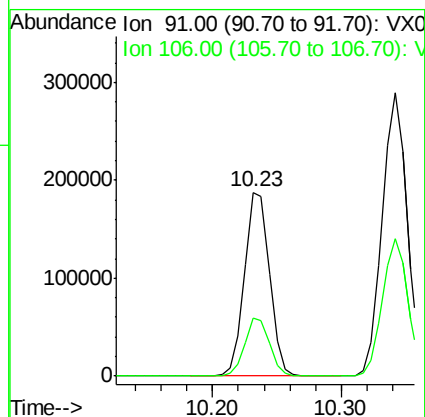
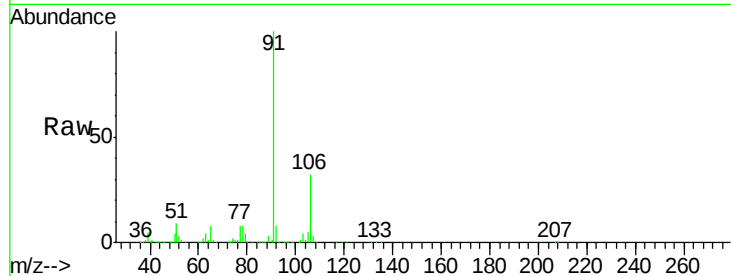
Ion Ratio Lower Upper

91 100

106 31.8 25.1 37.7

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 36.592 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016353.D

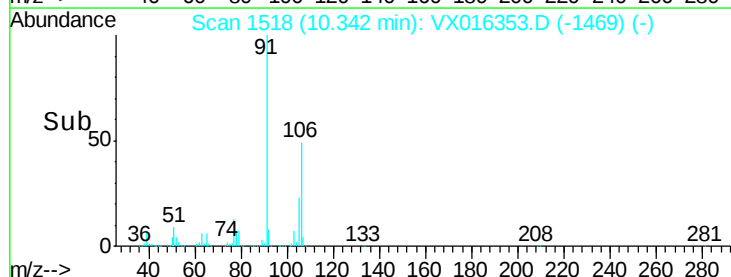
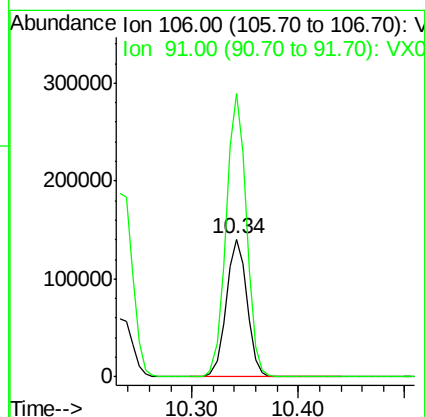
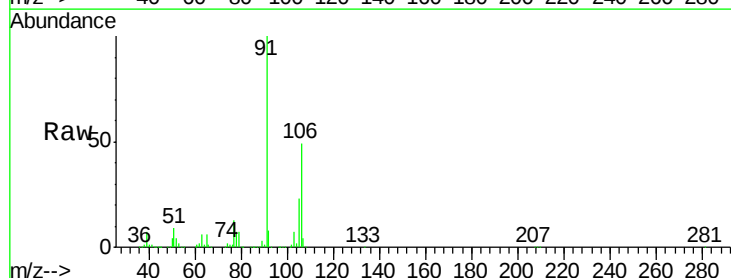
Acq: 20 May 2020 12:27

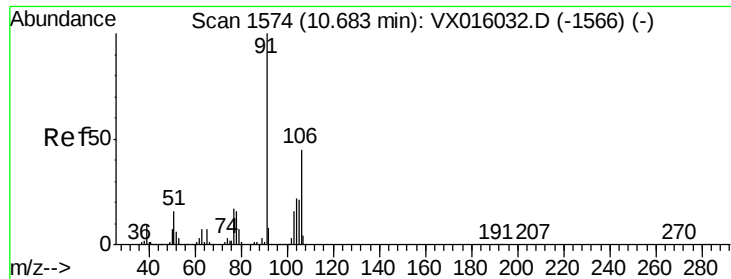
Tgt Ion: 106 Resp: 191498

Ion Ratio Lower Upper

106 100

91 202.2 161.7 242.5





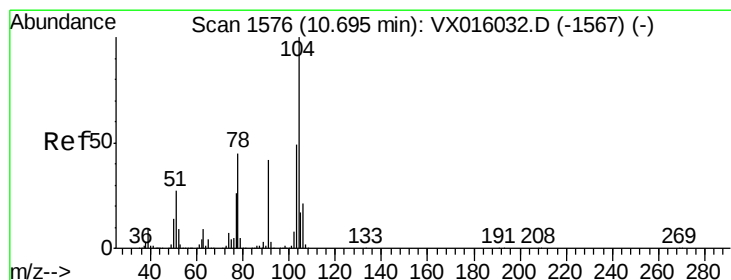
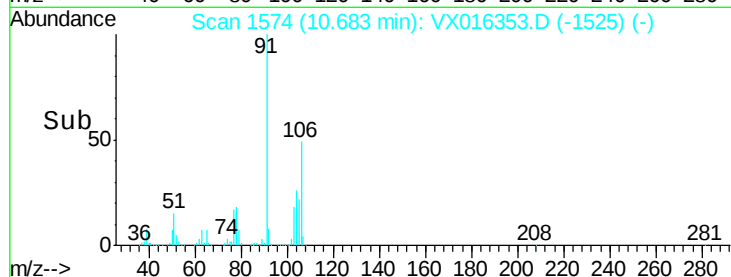
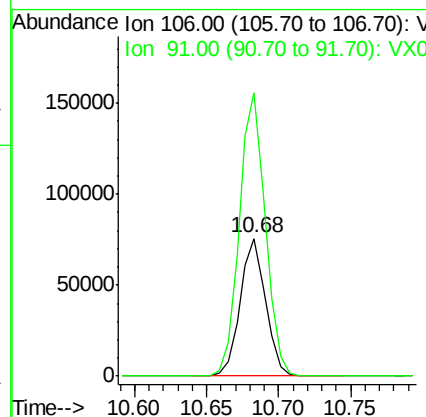
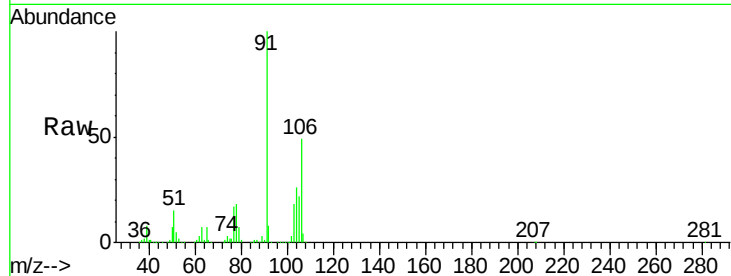
#69
o-Xylene
Concen: 18.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.8	107.5	322.6	

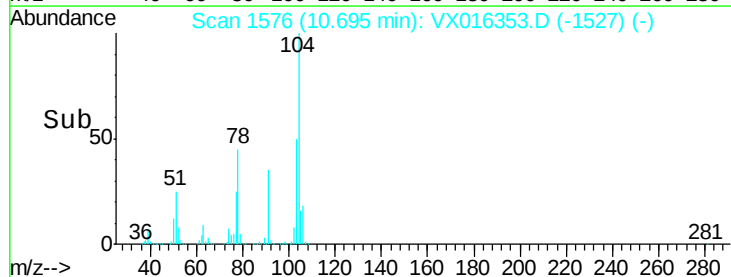
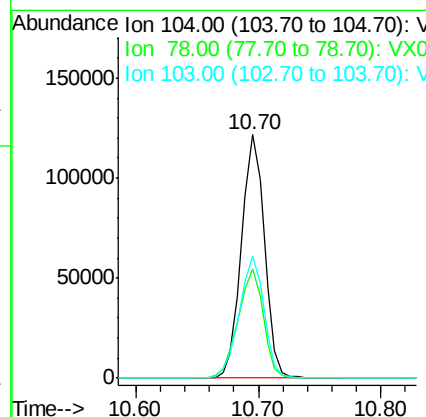
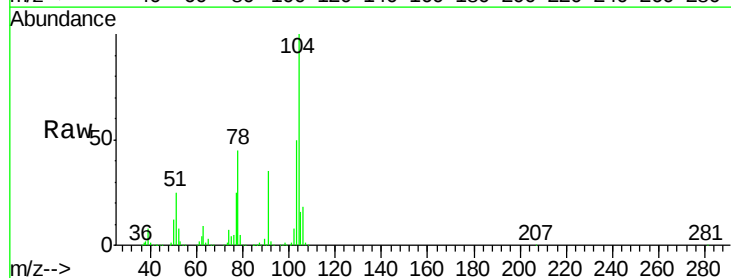
Manual Integrations
APPROVED

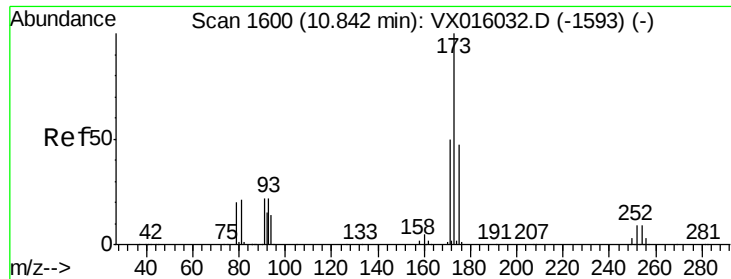
MMDadoda
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#70
Styrene
Concen: 18.490 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	49.3	40.2	60.2	
103	54.0	43.0	64.6	





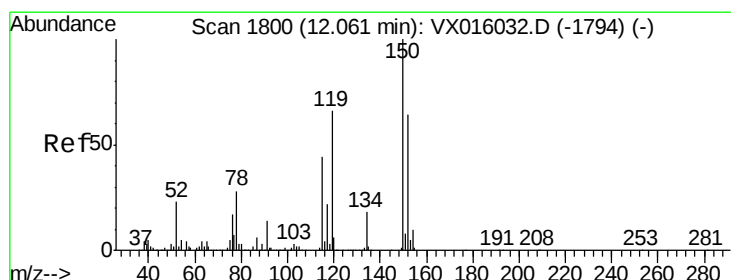
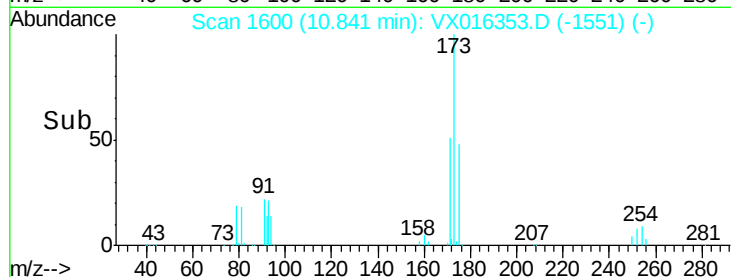
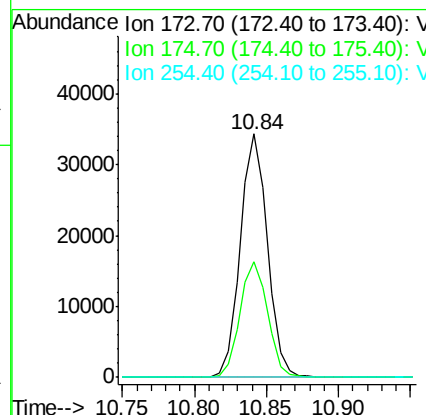
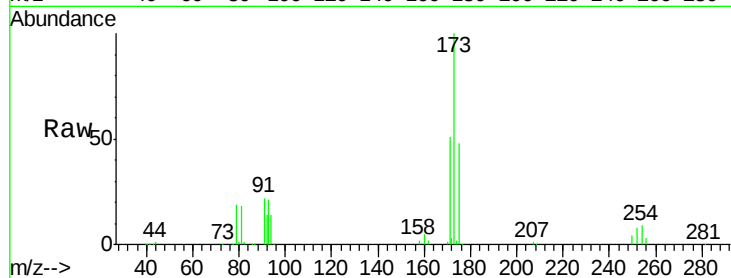
#71
Bromoform
Concen: 19.136 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.0	0.1	0.1

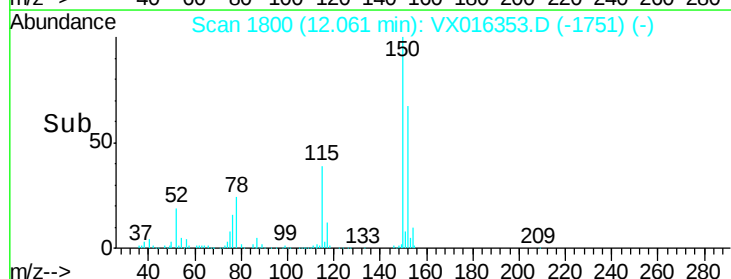
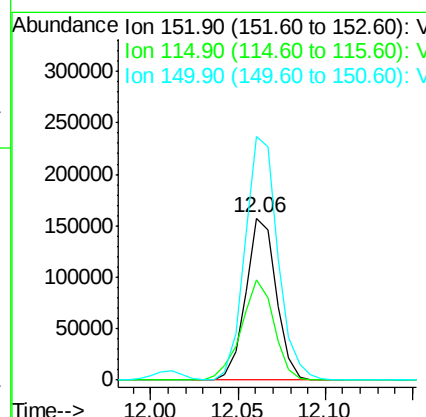
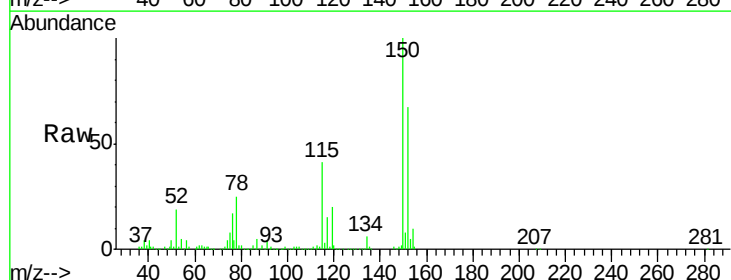
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	41.3	124.1
150	162.3	0.0	352.2





#73

Isopropylbenzene

Concen: 17.547 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 105 Resp: 242940

Ion Ratio Lower Upper

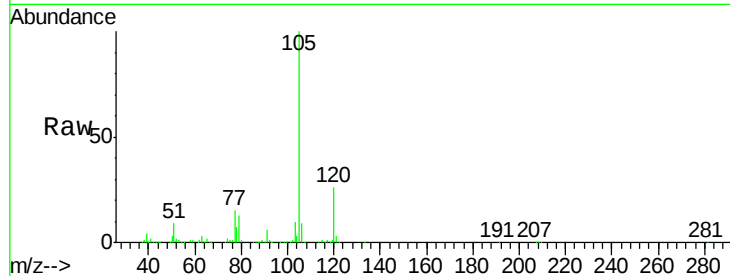
105 100

120 26.6 13.4 40.2

Manual Integrations
APPROVED

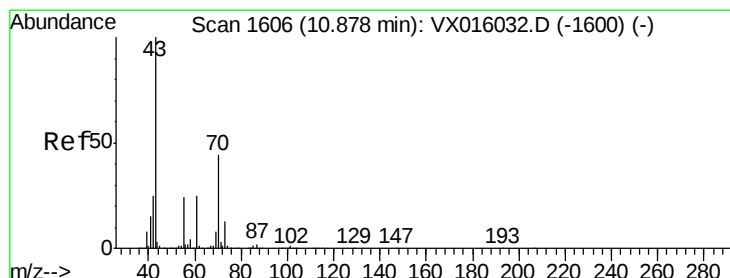
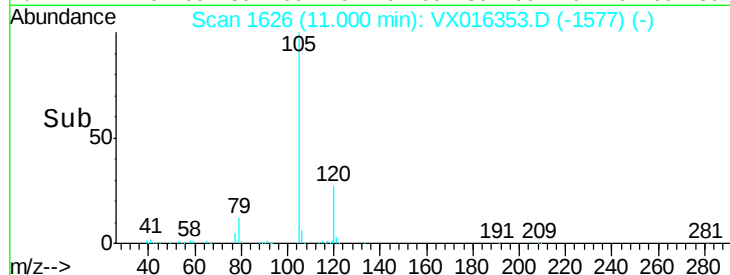
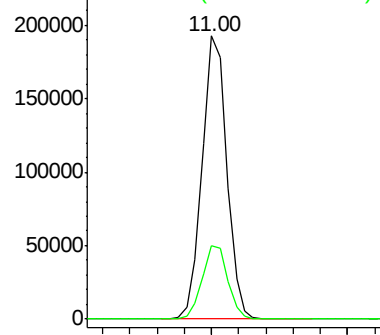
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.229 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion: 43 Resp: 104809

Ion Ratio Lower Upper

43 100

70 48.6 36.5 54.7

55 26.2 19.7 29.5

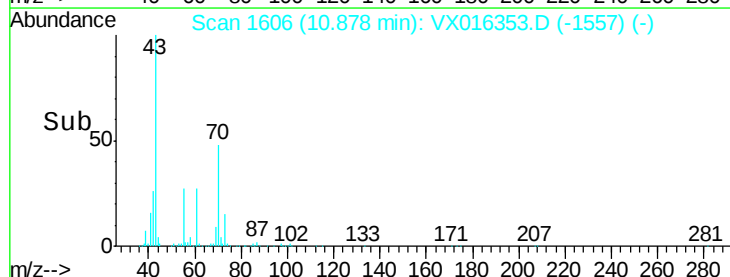
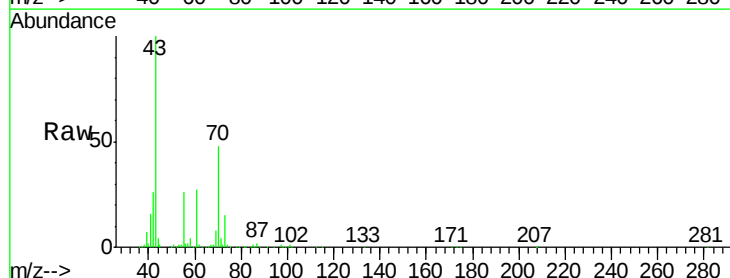
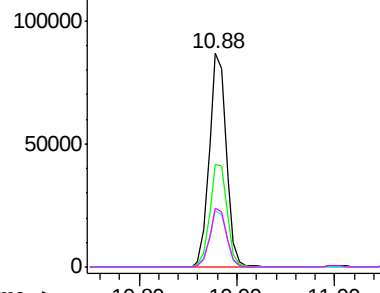
61 26.9 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.115 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

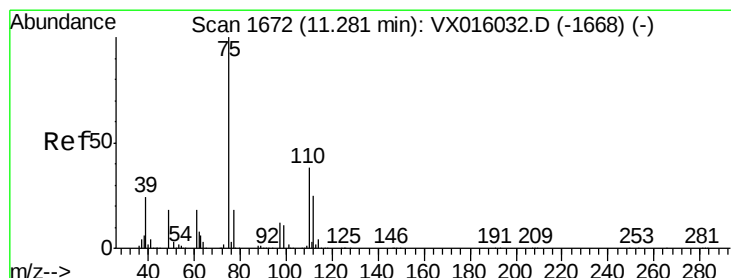
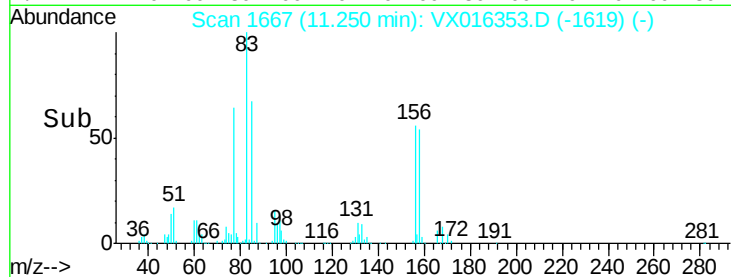
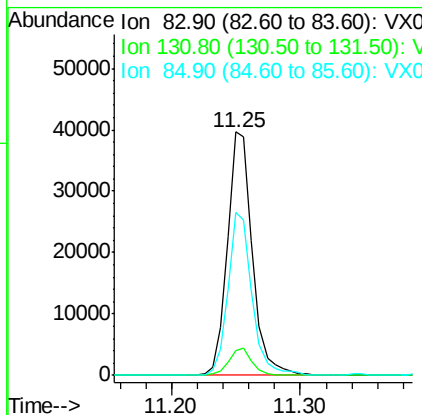
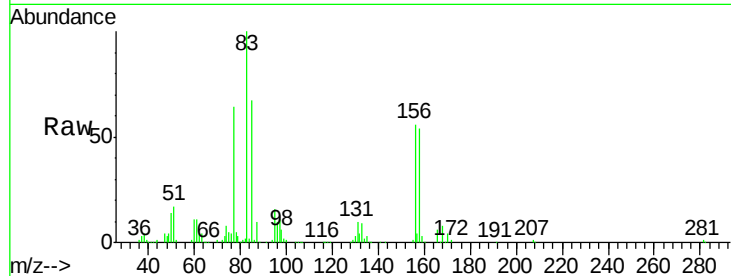
ClientSampleId :

VX0520WBSD01

Tot Ion:	83	Resp:	53877
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.4	32.0	96.0

Manual Integrations
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5/21/2020 1:15:20 PM



#76

1,2,3-Trichloropropane

Concen: 18.315 ug/l m

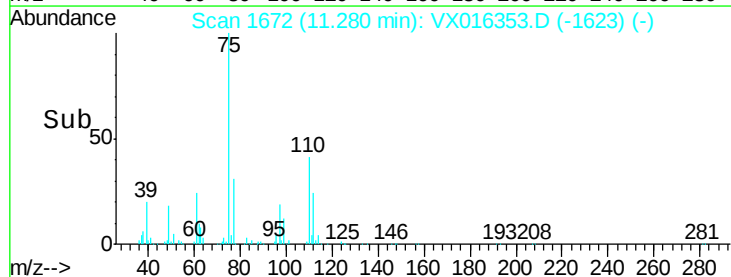
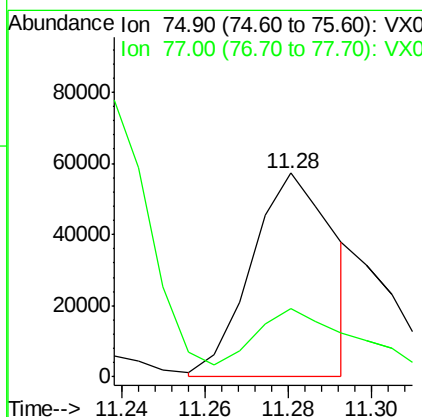
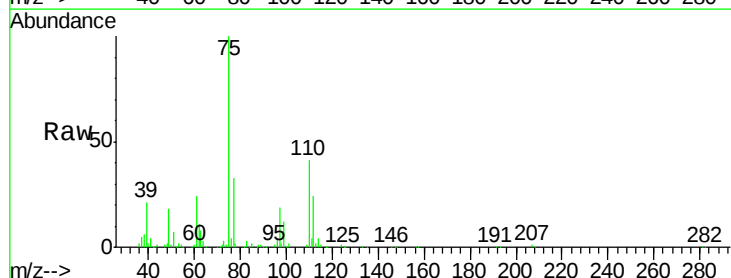
RT: 11.28 min Scan# 1672

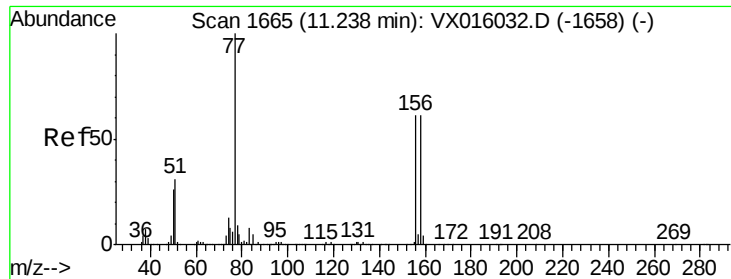
Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion:	75	Resp:	79114
Ion Ratio	Lower	Upper	
75	100		
77	42.2	21.2	63.6





#77

Bromobenzene

Concen: 17.968 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

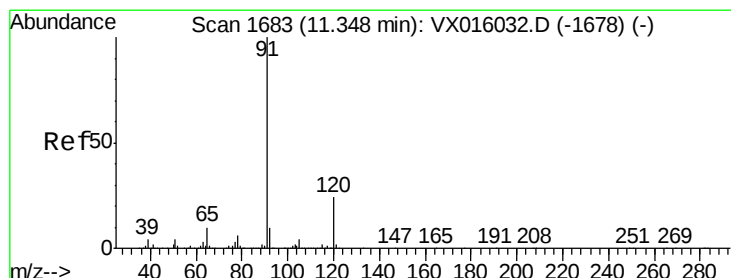
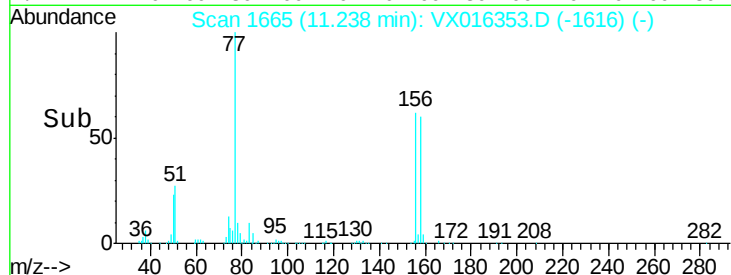
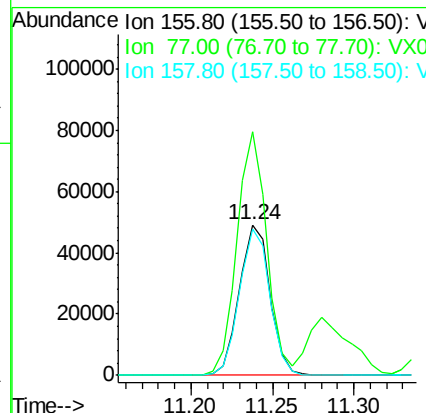
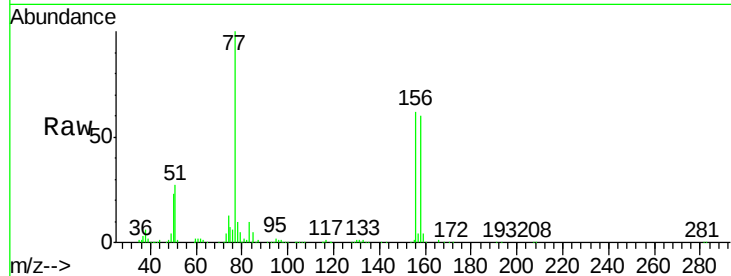
ClientSampleId :

VX0520WBSD01

Tot Ion:	156	Resp:	64210
Ion Ratio	Lower	Upper	
156	100		
77	156.7	80.1	240.3
158	96.5	49.4	148.2

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#78

n-propylbenzene

Concen: 16.980 ug/l

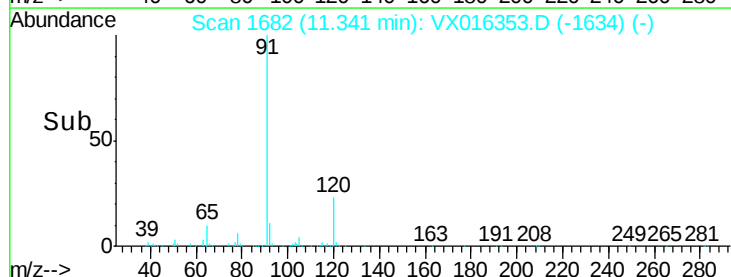
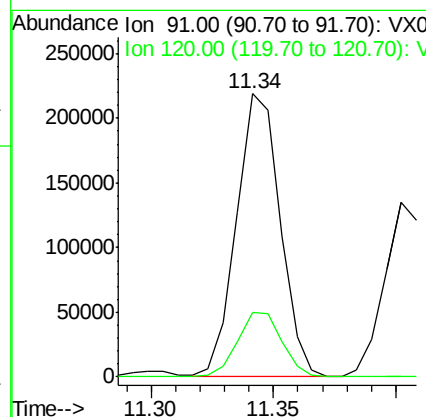
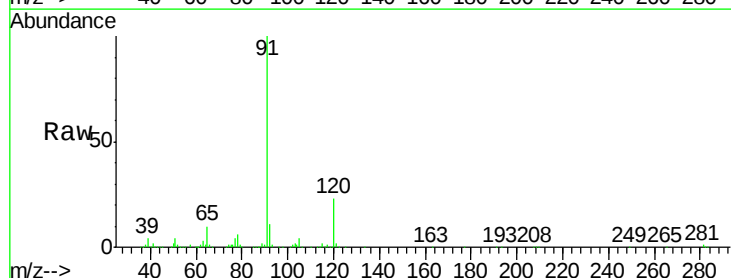
RT: 11.34 min Scan# 1682

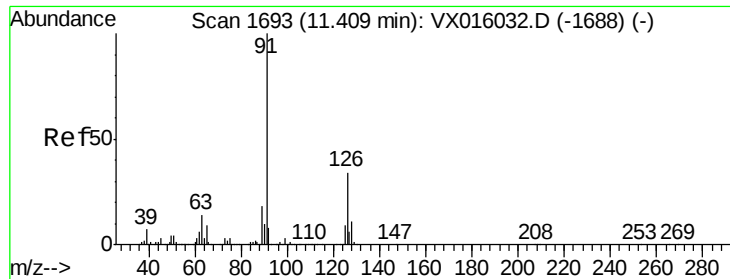
Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion:	91	Resp:	273489
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 17.694 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0520WBSD01

Tot Ion: 91 Resp: 168225

Ion Ratio Lower Upper

91 100

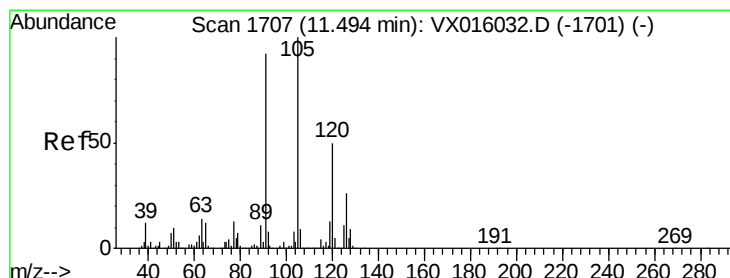
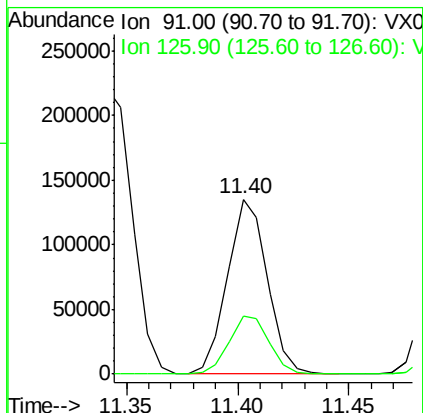
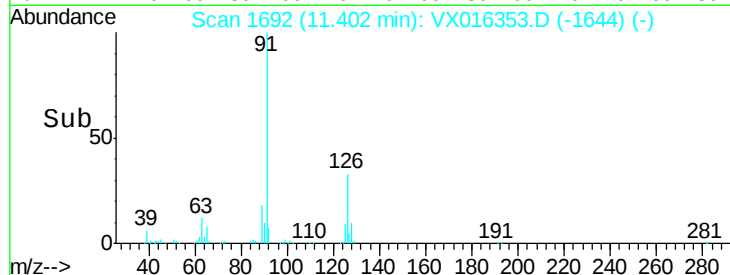
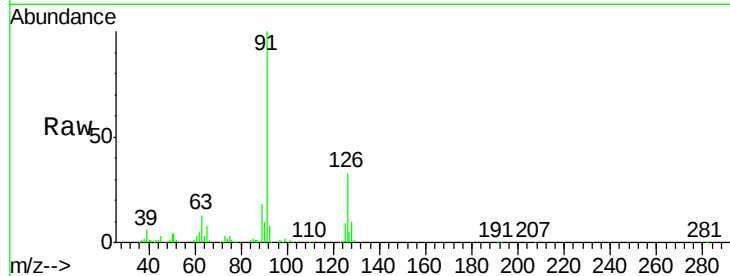
126 33.7 16.9 50.6

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#80

1,3,5-Trimethylbenzene

Concen: 17.045 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016353.D

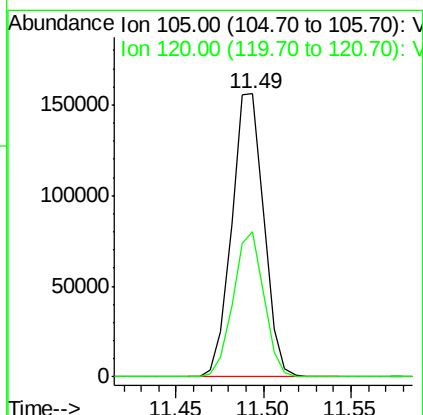
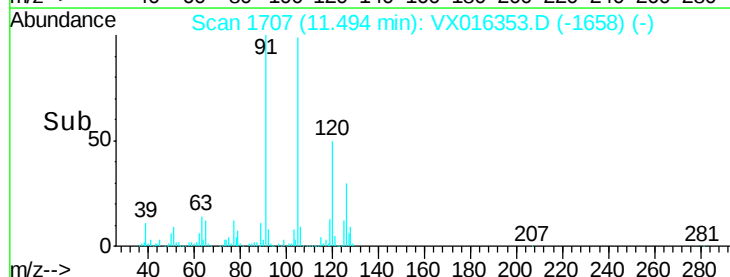
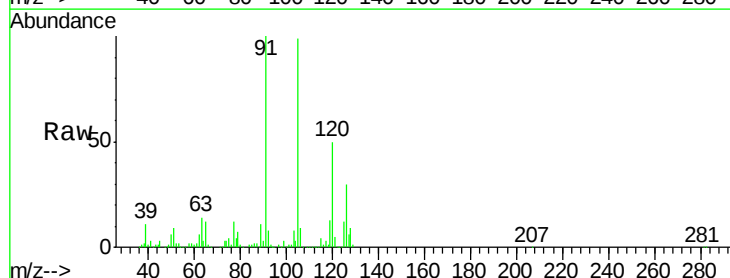
Acq: 20 May 2020 12:27

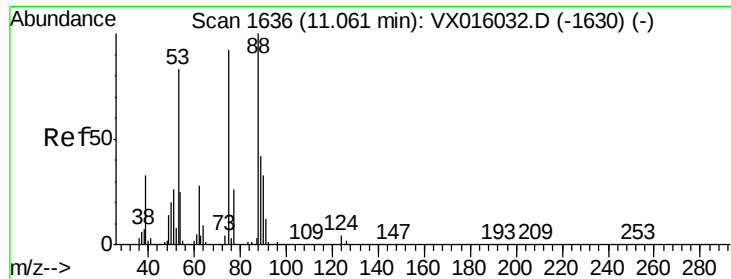
Tgt Ion: 105 Resp: 199252

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0





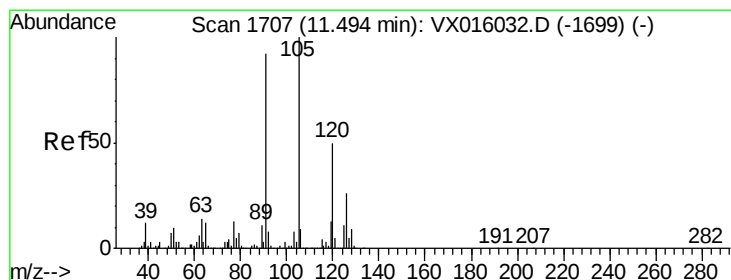
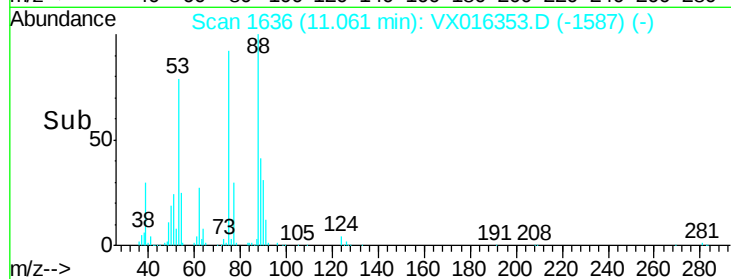
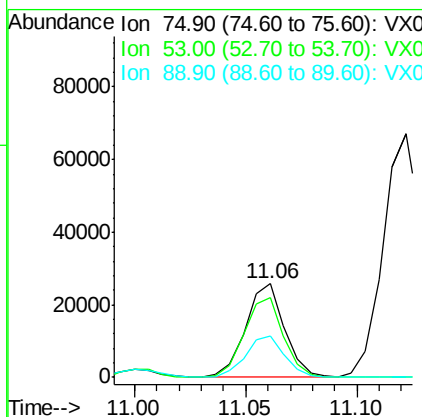
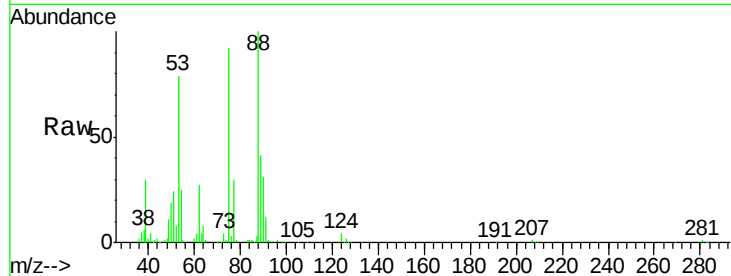
#81
trans-1,4-Dichloro-2-butene
Concen: 17.329 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.4	73.1	109.7
89	45.2	36.7	55.1

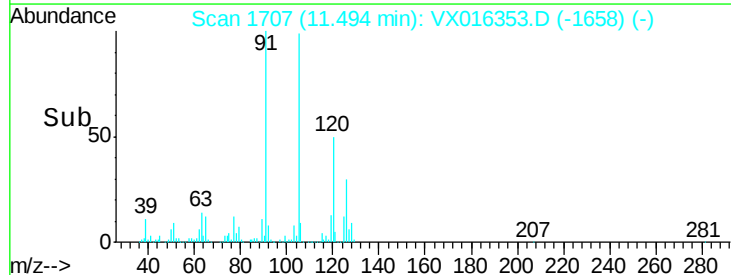
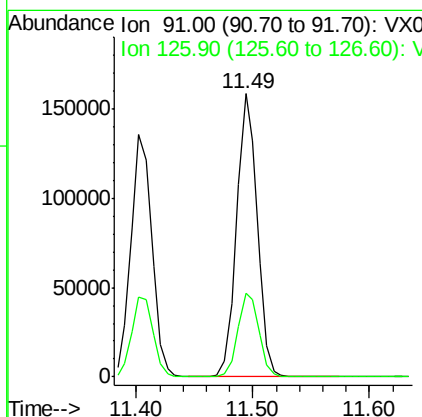
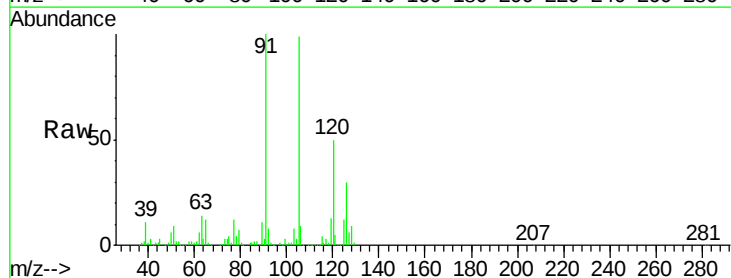
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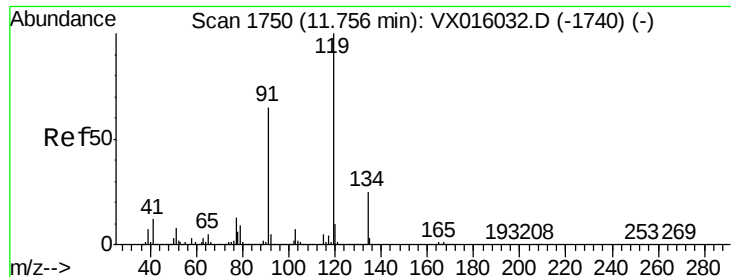
MMDadoda
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#82
4-Chlorotoluene
Concen: 17.439 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	14.8	44.3





#83

tert-Butylbenzene

Concen: 16.686 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

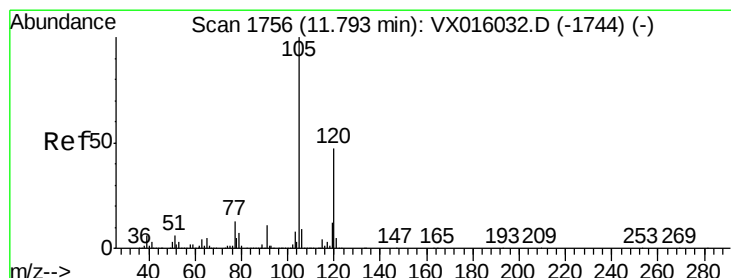
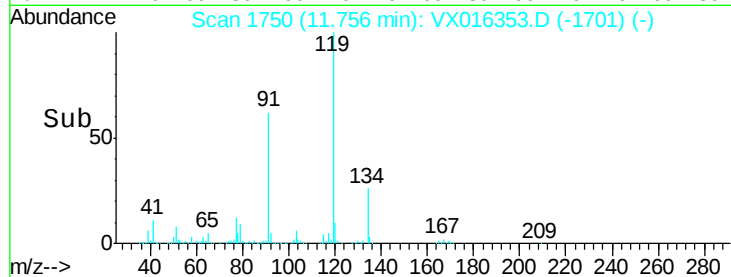
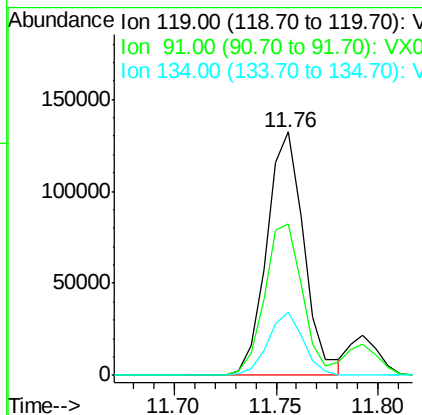
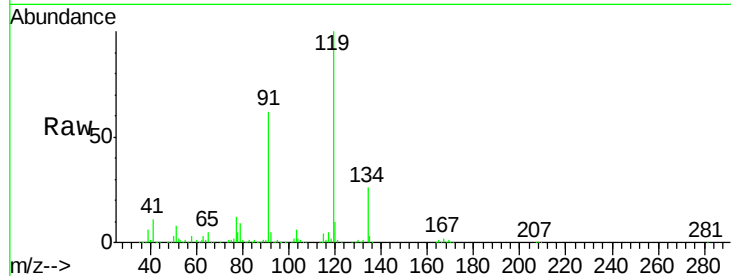
ClientSampleId :

VX0520WBSD01

Tot Ion:	119	Resp:	168104
Ion Ratio	Lower	Upper	
119	100		
91	62.5	32.8	98.4
134	24.5	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 17.237 ug/l

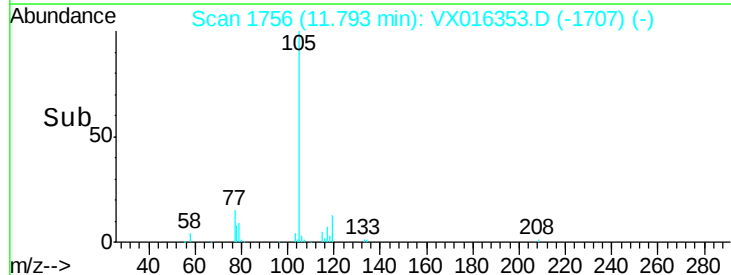
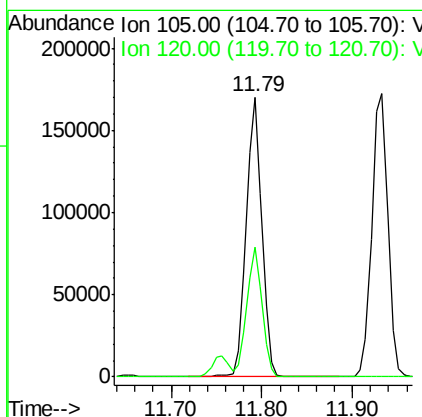
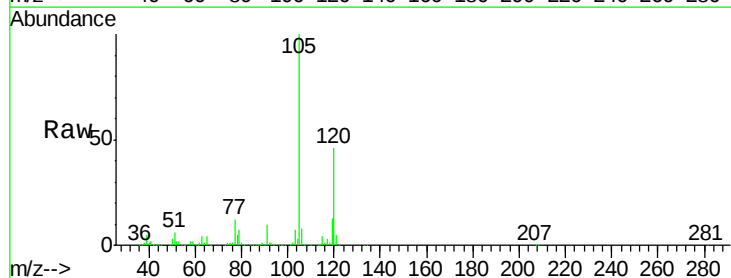
RT: 11.79 min Scan# 1756

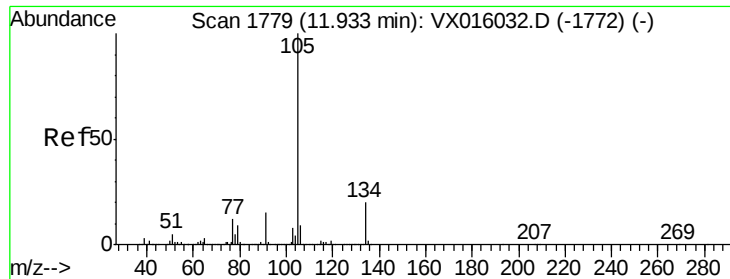
Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion:	105	Resp:	203718
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 15.482 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion:105 Resp: 210589

Ion Ratio Lower Upper

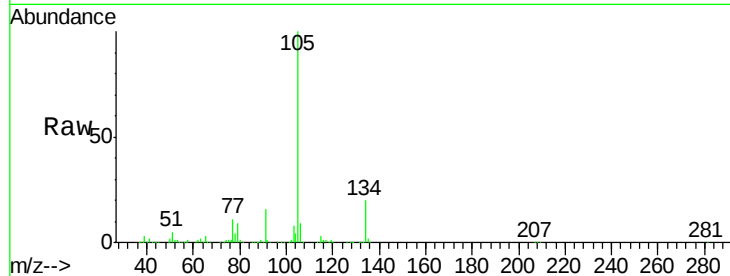
105 100

134 20.0 10.1 30.3

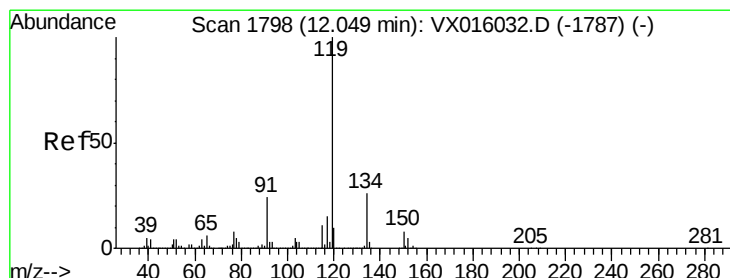
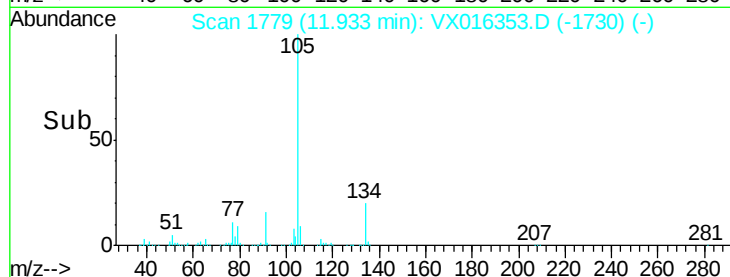
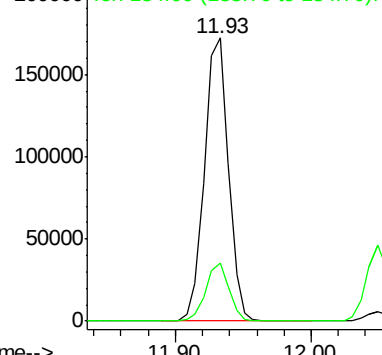
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.835 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

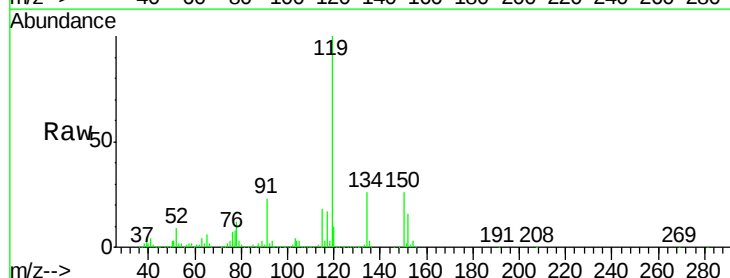
Tgt Ion:119 Resp: 199976

Ion Ratio Lower Upper

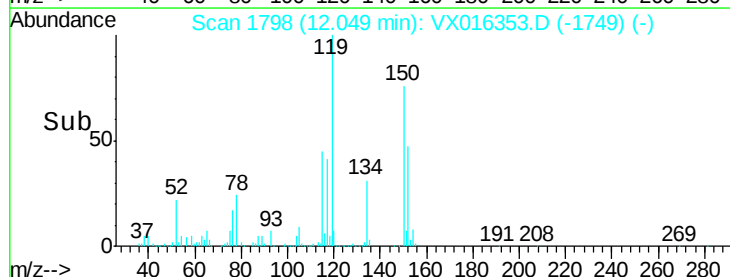
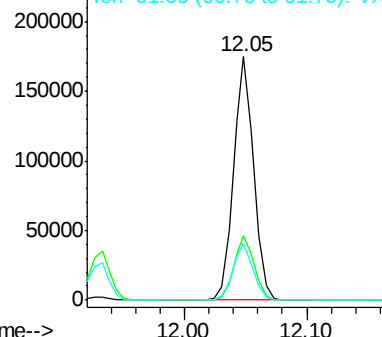
119 100

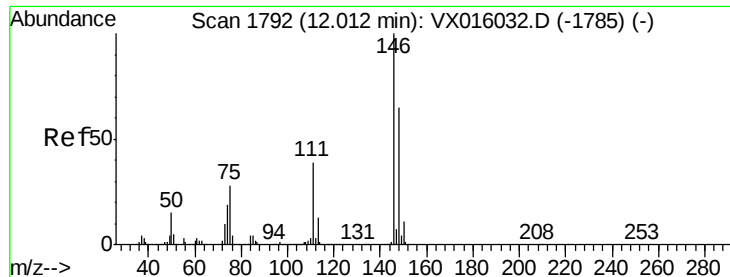
134 26.6 13.1 39.3

91 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





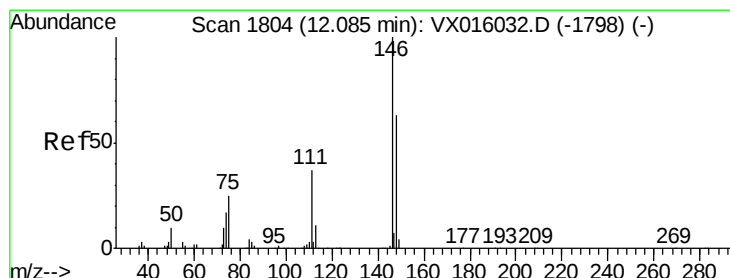
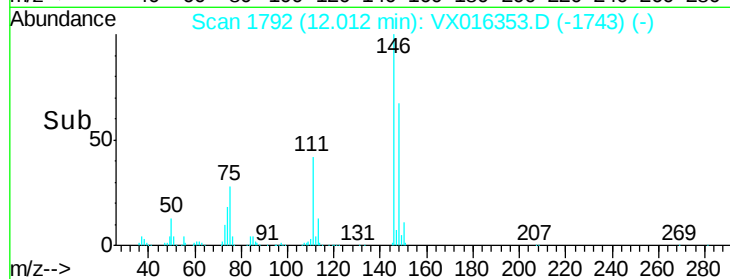
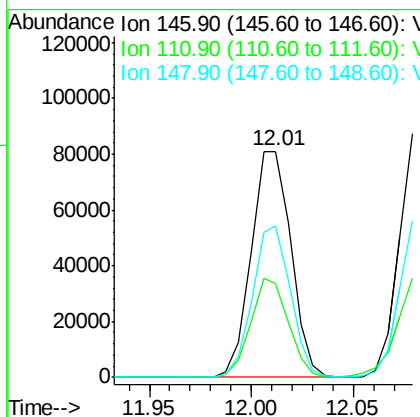
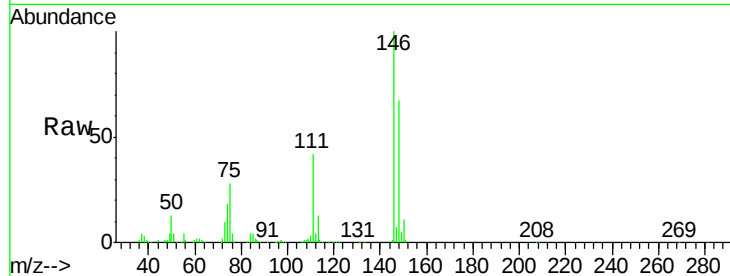
#87
 1,3-Dichlorobenzene
 Concen: 17.138 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.2	60.6
148	63.8	32.1	96.3

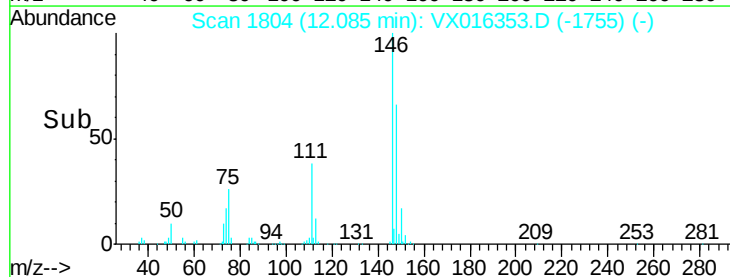
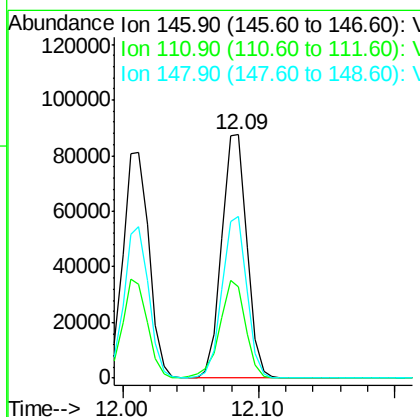
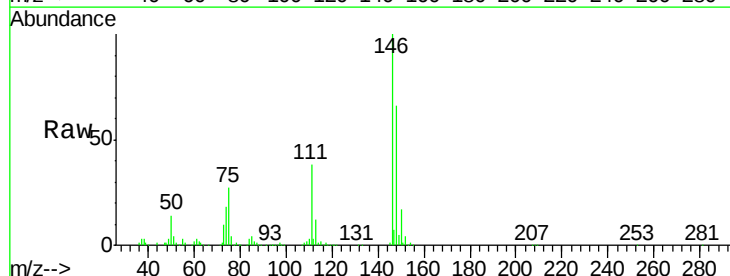
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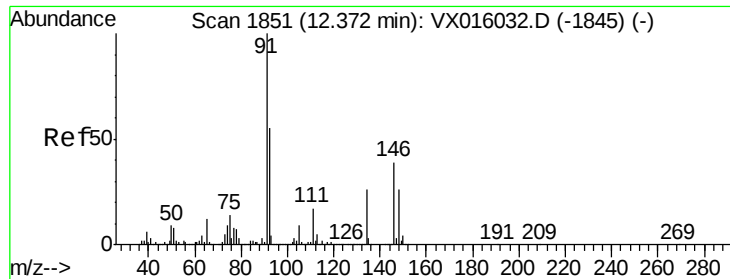
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#88
 1,4-Dichlorobenzene
 Concen: 17.287 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.7
148	65.2	31.8	95.3





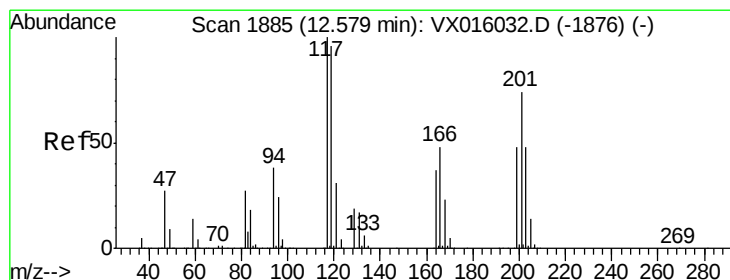
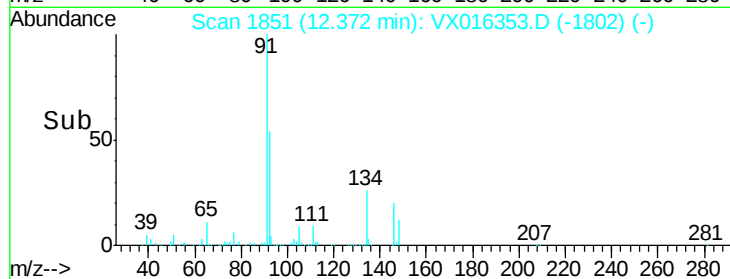
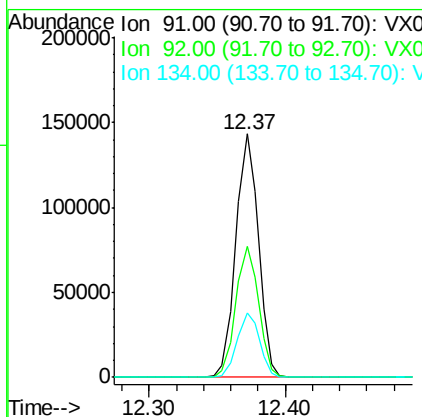
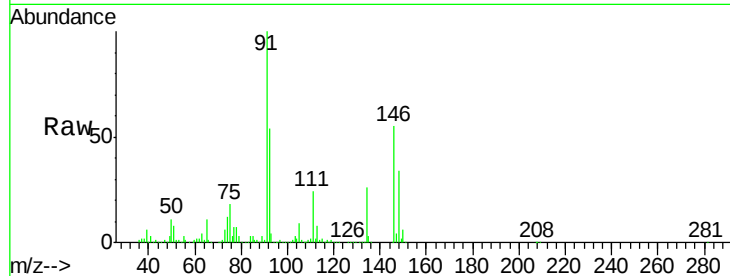
#89
n-Butylbenzene
Concen: 14.356 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	165630		
92	54.4		27.6	82.7
134	26.5		13.4	40.1

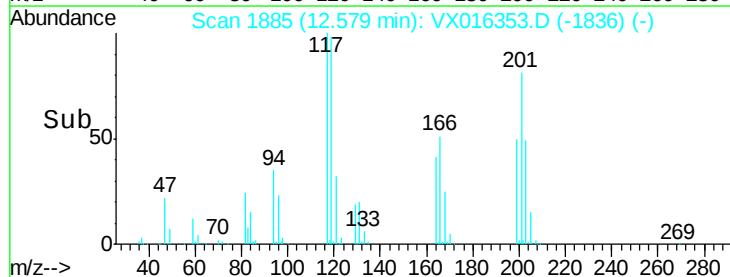
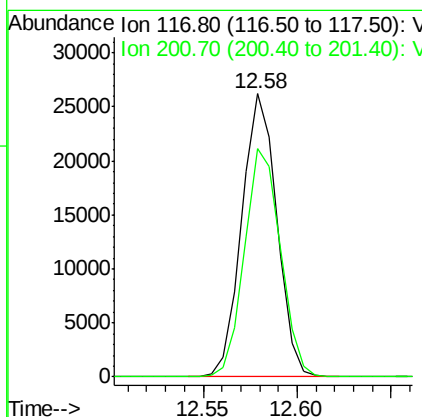
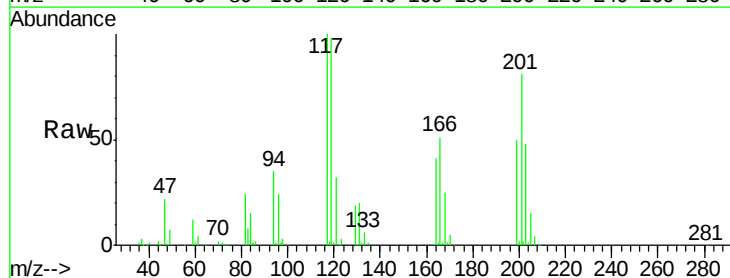
Manual Integrations
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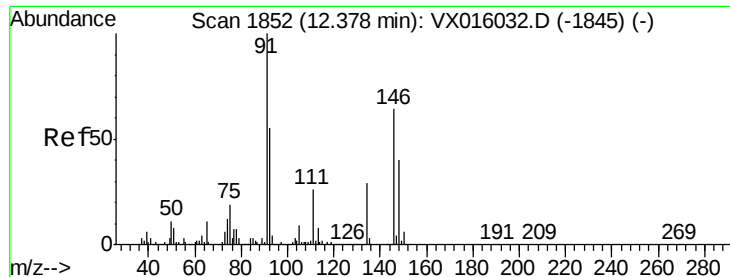
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#90
Hexachloroethane
Concen: 15.577 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33786		
201	82.6		39.8	119.3





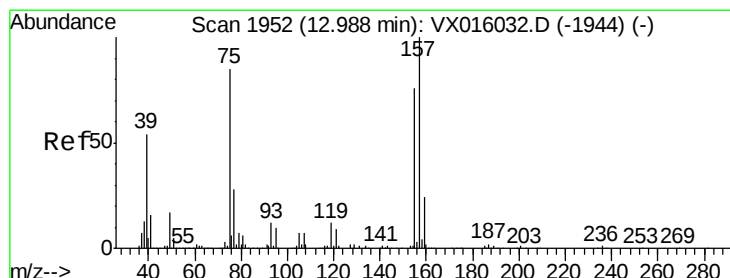
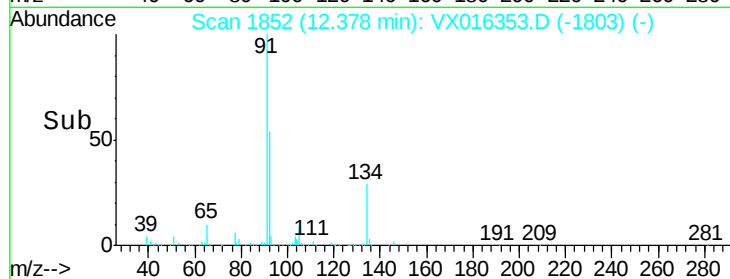
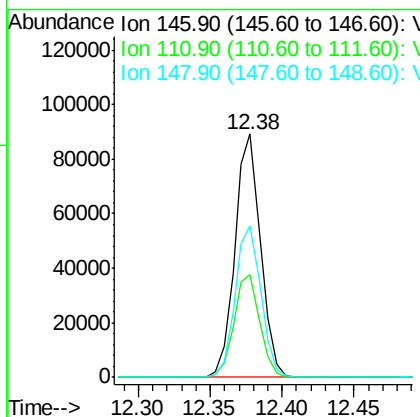
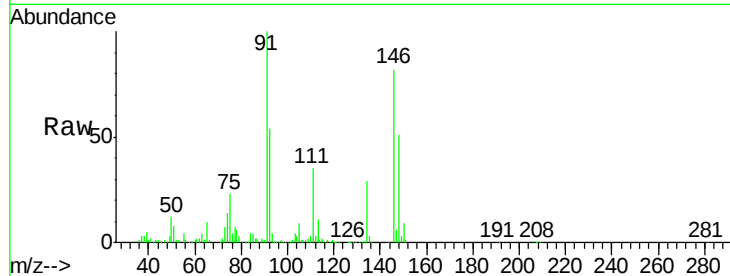
#91
 1,2-Dichlorobenzene
 Concen: 17.898 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.8	21.1	63.1	
148	62.9	32.4	97.0	

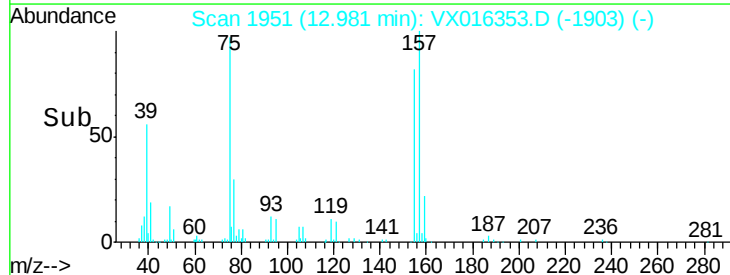
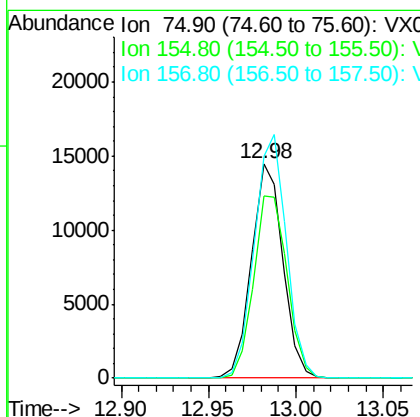
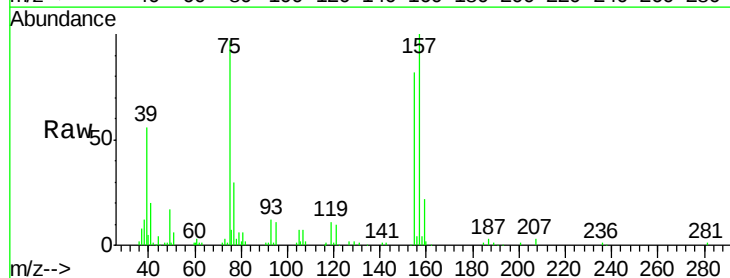
Manual Integrations
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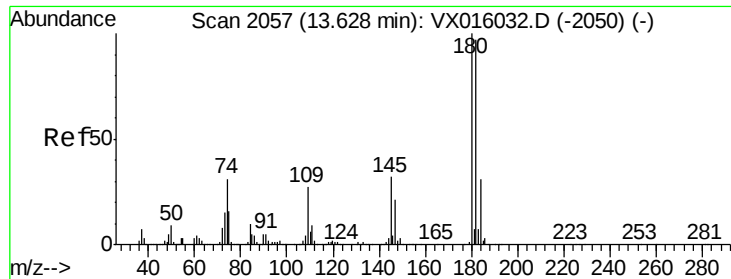
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.046 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	90.4	42.5	127.5	
157	115.4	55.3	165.8	





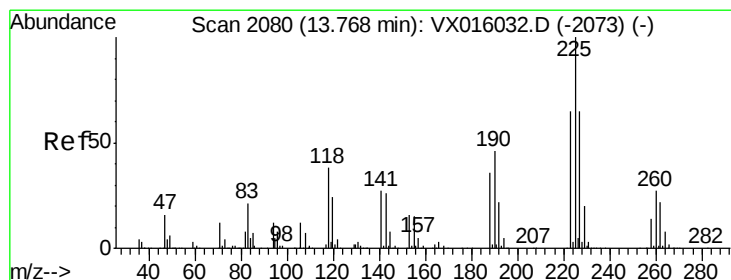
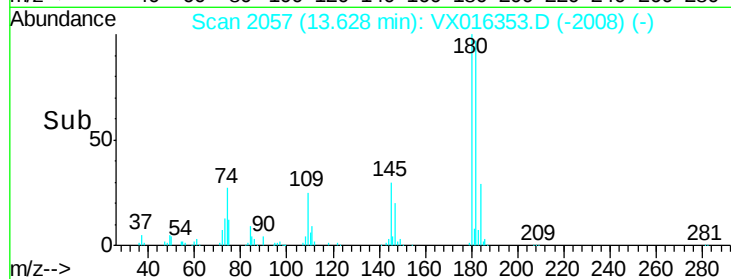
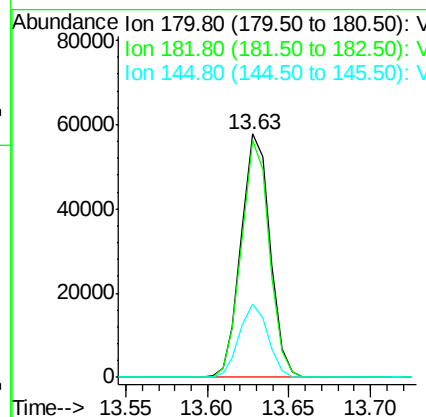
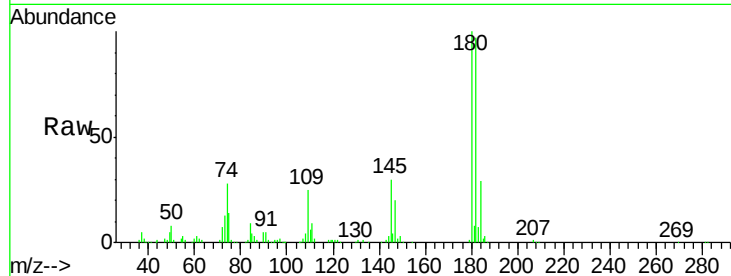
#93
 1,2,4-Trichlorobenzene
 Concen: 15.653 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71604		
182	94.3	48.7	146.1	
145	29.9	15.7	47.1	

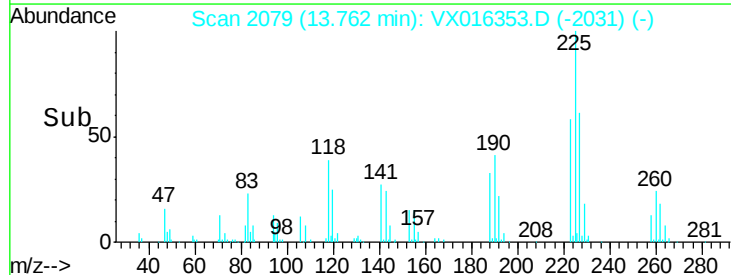
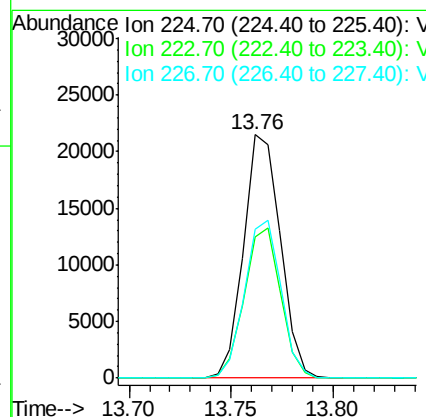
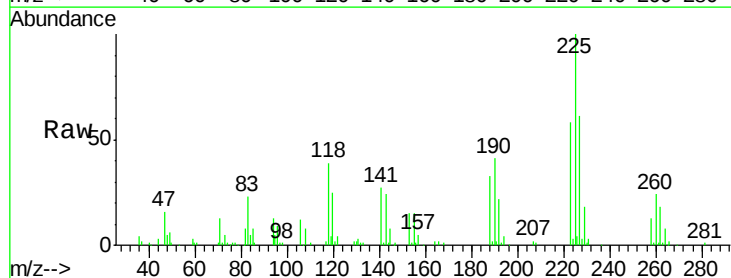
Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:15:20 PM



#94
 Hexachlorobutadiene
 Concen: 14.055 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26935		
223	61.2	32.3	96.9	
227	64.0	31.8	95.4	





#95

Naphthalene

Concen: 16.880 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

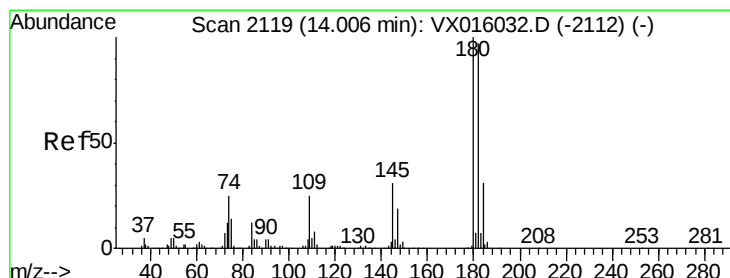
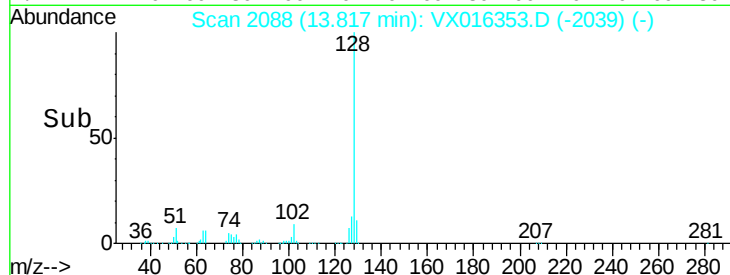
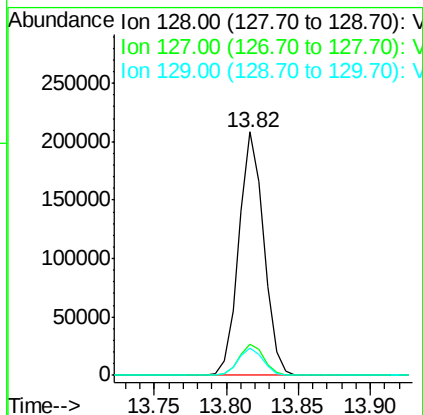
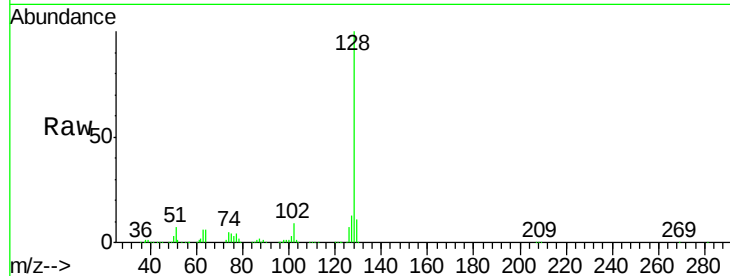
ClientSampleId :

VX0520WBSD01

Tot Ion:	128	Resp:	250018
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:15:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 15.626 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion:	180	Resp:	69856
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.4	145.0
145	31.9	16.4	49.1

