

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016250.D
 Acq On : 14 May 2020 23:34
 Operator : JC/SP
 Sample : VX0514WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 10:10:34 AM

Quant Time: May 15 04:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	200181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	355543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	342721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	141210	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	5.47	113	109621	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.70	98	418613	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	163046	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	32962	15.556	ug/l	99
3) Chloromethane	1.31	50	48114	19.553	ug/l	100
4) Vinyl Chloride	1.39	62	46291	17.633	ug/l	99
5) Bromomethane	1.63	94	32113	24.263	ug/l	99
6) Chloroethane	1.71	64	29703	18.595	ug/l	97
7) Trichlorofluoromethane	1.92	101	55494	16.101	ug/l	99
8) Diethyl Ether	2.17	74	29049	20.003	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29687	14.929	ug/l	100
10) Methyl Iodide	2.49	142	37016	13.858	ug/l	99
11) Tert butyl alcohol	3.01	59	73708	110.653	ug/l	100
12) 1,1-Dichloroethene	2.36	96	34989	16.814	ug/l	98
13) Acrolein	2.27	56	40105	96.214	ug/l	98
14) Allyl chloride	2.71	41	72358	18.965	ug/l	95
15) Acrylonitrile	3.12	53	158805	114.921	ug/l	99
16) Acetone	2.42	43	129006	109.760	ug/l	97
17) Carbon Disulfide	2.55	76	103893	16.487	ug/l	99
18) Methyl Acetate	2.75	43	68917	23.848	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	158225	22.057	ug/l	97
20) Methylene Chloride	2.84	84	49332	20.360	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	43307	18.676	ug/l	98
22) Diisopropyl ether	3.82	45	152649	21.207	ug/l	97
23) Vinyl Acetate	3.79	43	670105	105.816	ug/l	98
24) 1,1-Dichloroethane	3.67	63	82938	20.598	ug/l	100
25) 2-Butanone	4.64	43	217002	114.576	ug/l	98
26) 2,2-Dichloropropane	4.55	77	57261	15.572	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	52735	20.802	ug/l	96
28) Bromochloromethane	4.98	49	44090	24.013	ug/l	96
29) Tetrahydrofuran	5.09	42	143147	114.067	ug/l	97
30) Chloroform	5.18	83	84758	21.141	ug/l	98
31) Cyclohexane	5.55	56	55236	15.094	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	69737	19.136	ug/l	99
36) 1,1-Dichloropropene	5.77	75	55466	15.848	ug/l	100
37) Ethyl Acetate	4.80	43	81261	20.033	ug/l	98
38) Carbon Tetrachloride	5.76	117	57793	16.246	ug/l	92

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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	52462	12.447	ug/l	97
40) Benzene	6.12	78	193636	18.909	ug/l	99
41) Methacrylonitrile	5.01	41	43871	20.026	ug/l	97
42) 1,2-Dichloroethane	6.17	62	69626	18.875	ug/l	100
43) Isopropyl Acetate	6.42	43	126007	19.469	ug/l	98
44) Trichloroethene	7.19	130	62808	17.264	ug/l	97
45) 1,2-Dichloropropane	7.49	63	51599	19.914	ug/l	100
46) Dibromomethane	7.64	93	34793	19.759	ug/l	99
47) Bromodichloromethane	7.88	83	68707	19.158	ug/l	100
48) Methyl methacrylate	7.75	41	58563	19.096	ug/l	95
49) 1,4-Dioxane	7.71	88	29338	398.874	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	412453	104.140	ug/l	98
52) Toluene	8.77	92	121769	19.077	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78600	18.382	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	83637	18.726	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	51249	20.407	ug/l	98
56) Ethyl methacrylate	9.16	69	82752	20.187	ug/l	94
57) 1,3-Dichloropropane	9.35	76	88591	20.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	217271	99.560	ug/l	100
59) 2-Hexanone	9.48	43	316369	101.716	ug/l	97
60) Dibromochloromethane	9.57	129	55922	20.219	ug/l	99
61) 1,2-Dibromoethane	9.66	107	54036	19.865	ug/l	98
64) Tetrachloroethene	9.32	164	69303	16.472	ug/l	99
65) Chlorobenzene	10.12	112	131222	18.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	49630	18.711	ug/l	100
67) Ethyl Benzene	10.24	91	223110	17.425	ug/l	99
68) m/p-Xylenes	10.34	106	165237	34.444	ug/l	98
69) o-Xylene	10.68	106	82579	17.908	ug/l	100
70) Styrene	10.70	104	142340	18.195	ug/l	100
71) Bromoform	10.84	173	41001	18.973	ug/l #	96
73) Isopropylbenzene	11.01	105	205097	16.862	ug/l	98
74) N-amyl acetate	10.88	43	102363	18.043	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	53538	24.633	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	75480m	19.891	ug/l	
77) Bromobenzene	11.24	156	58682	18.692	ug/l	98
78) n-propylbenzene	11.34	91	231669	16.373	ug/l	100
79) 2-Chlorotoluene	11.41	91	148533	17.784	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	173849	16.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28129	17.665	ug/l	100
82) 4-Chlorotoluene	11.49	91	176332	17.878	ug/l	100
83) tert-Butylbenzene	11.76	119	143460	16.210	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	179491	17.288	ug/l	99
85) sec-Butylbenzene	11.93	105	176900	14.804	ug/l	100
86) p-Isopropyltoluene	12.05	119	166144	14.975	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	98654	17.501	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	101463	17.734	ug/l	99
89) n-Butylbenzene	12.37	91	132750	13.098	ug/l	99
90) Hexachloroethane	12.58	117	28377	14.893	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	98159	18.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18762	18.760	ug/l	96

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ClientSampleId :
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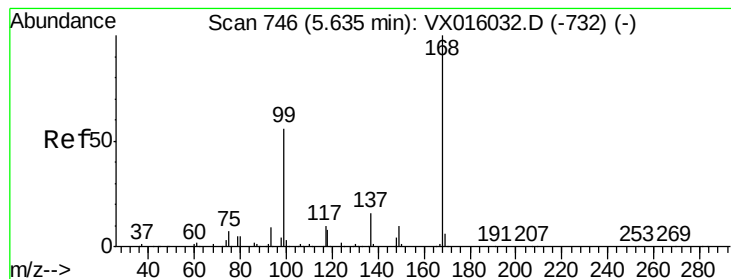
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	62946	15.664	ug/l	99
94) Hexachlorobutadiene	13.77	225	19055	11.420	ug/l	98
95) Naphthalene	13.82	128	235761	18.118	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	64498	16.422	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion:168 Resp: 200181

Ion Ratio Lower Upper

168 100

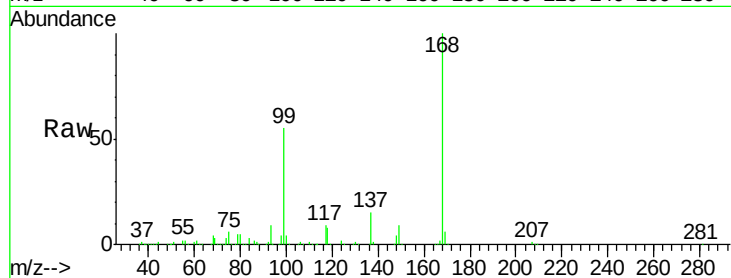
99 55.2 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

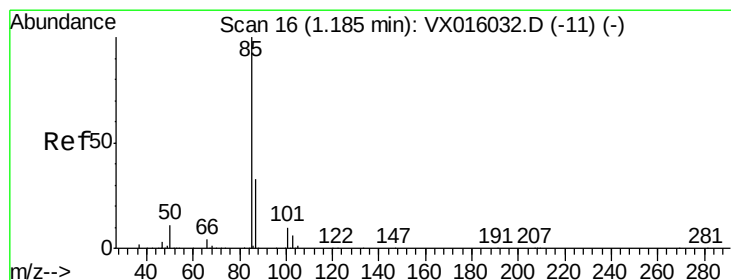
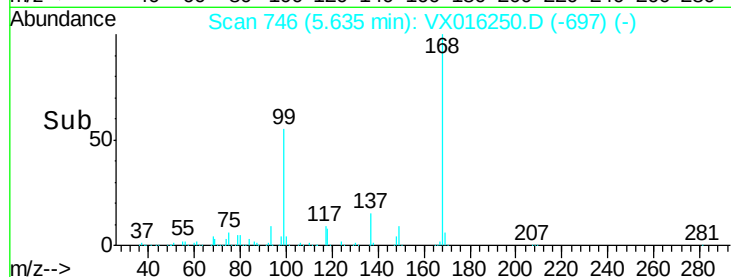
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.556 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016250.D

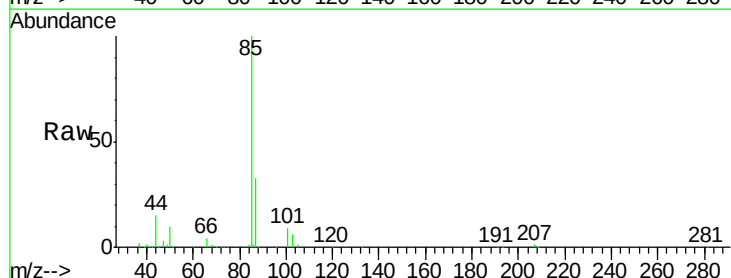
Acq: 14 May 2020 23:34

Tgt Ion: 85 Resp: 32962

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

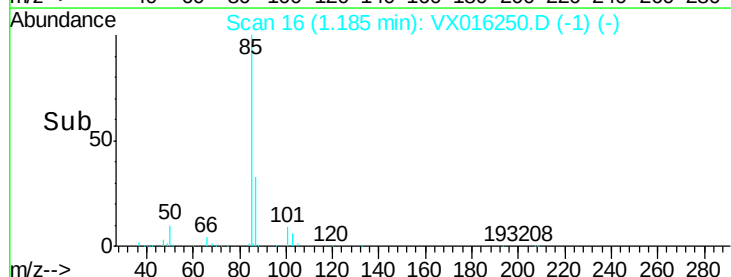
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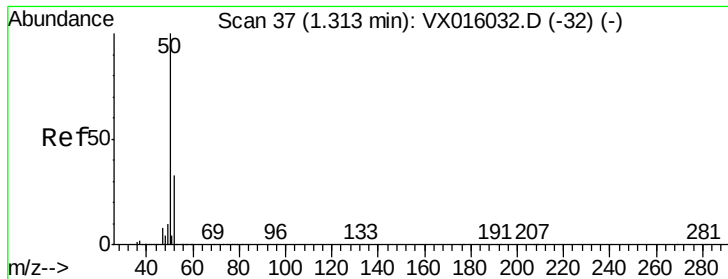
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.553 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 50 Resp: 48114

Ion Ratio Lower Upper

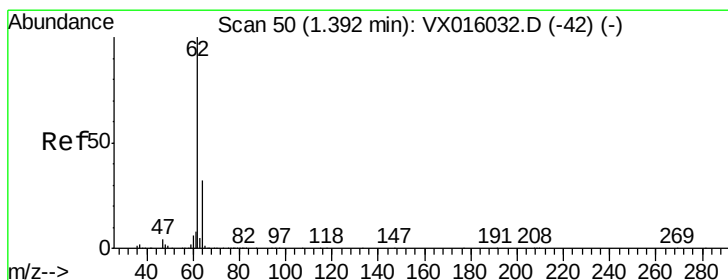
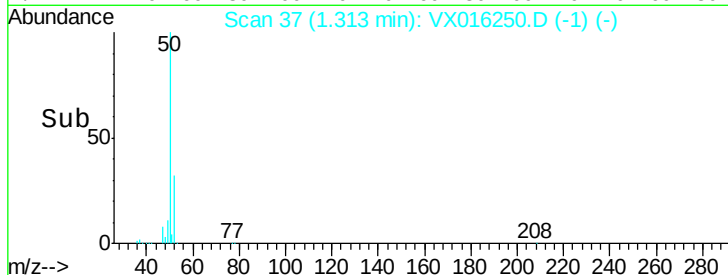
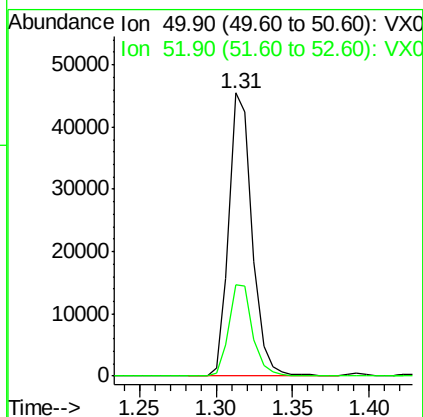
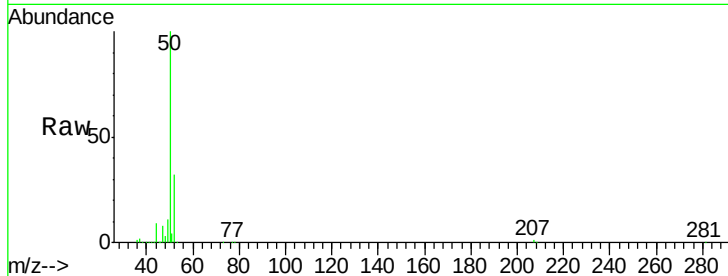
50 100

52 32.4 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.633 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016250.D

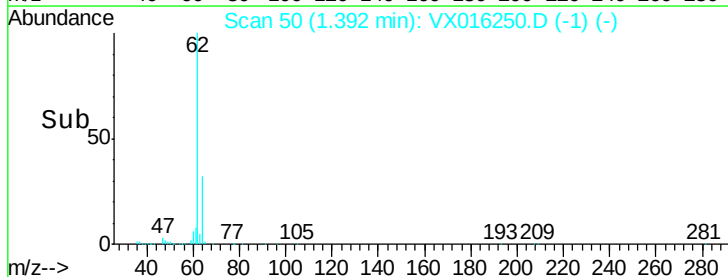
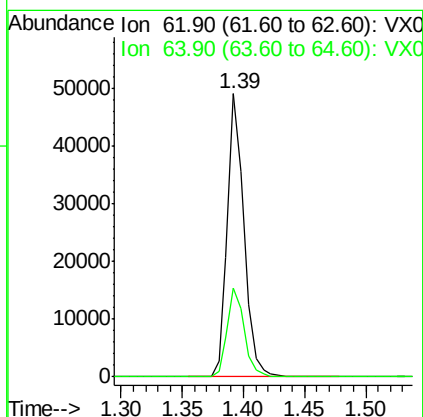
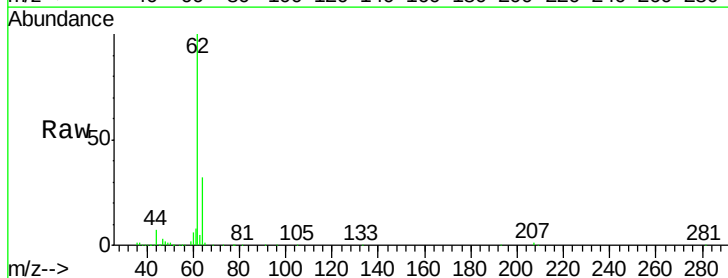
Acq: 14 May 2020 23:34

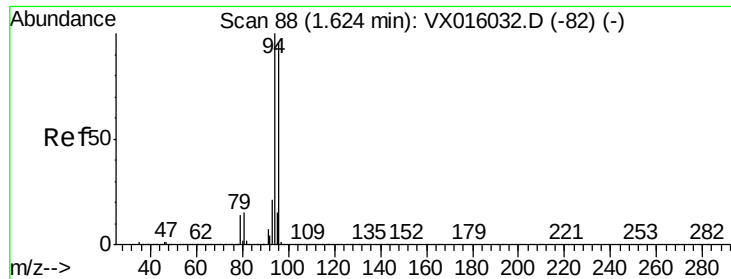
Tgt Ion: 62 Resp: 46291

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 24.263 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 94 Resp: 32113

Ion Ratio Lower Upper

94 100

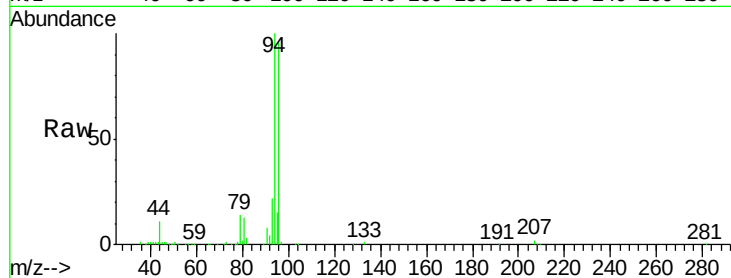
96 95.3 76.9 115.3

Manual Integrations

APPROVED

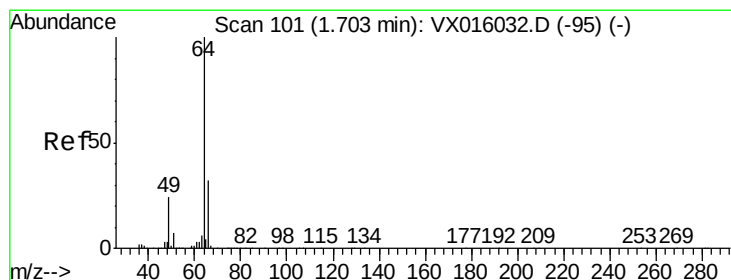
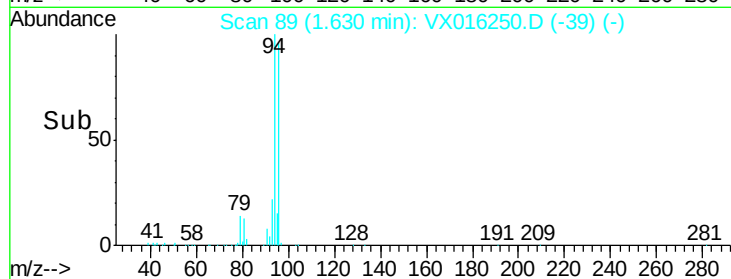
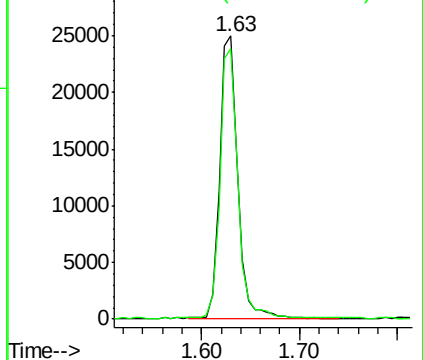
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.595 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016250.D

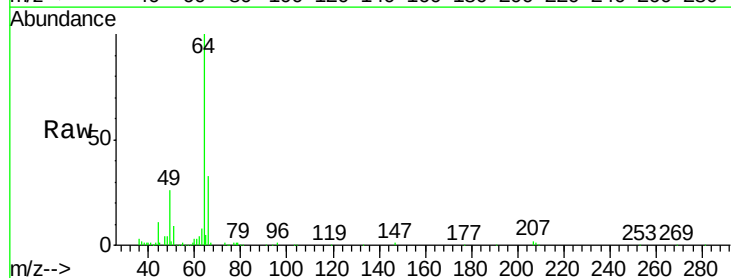
Acq: 14 May 2020 23:34

Tgt Ion: 64 Resp: 29703

Ion Ratio Lower Upper

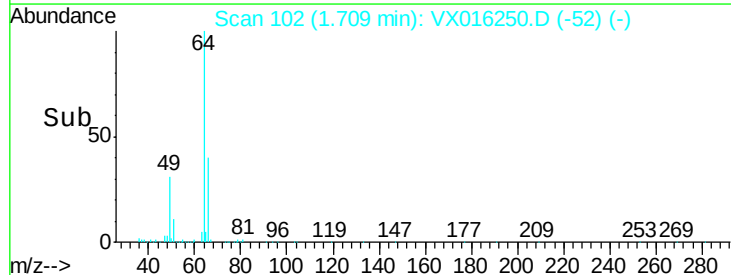
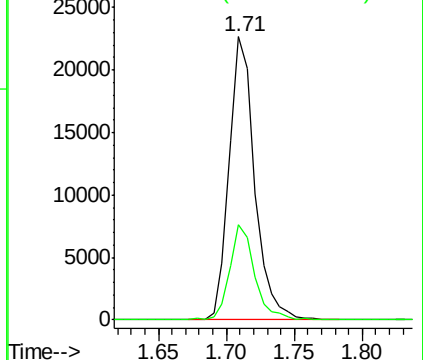
64 100

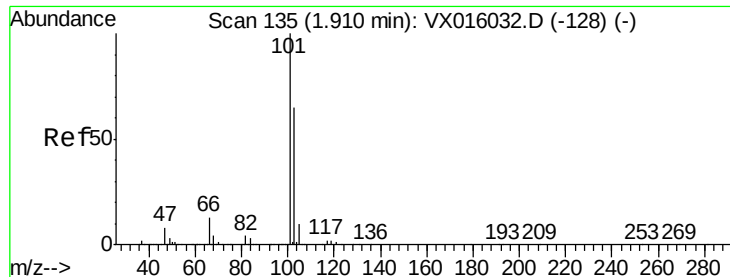
66 33.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

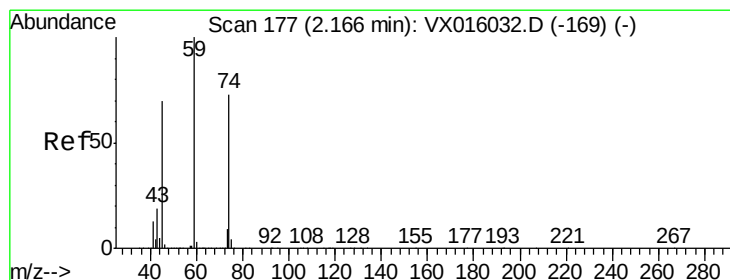
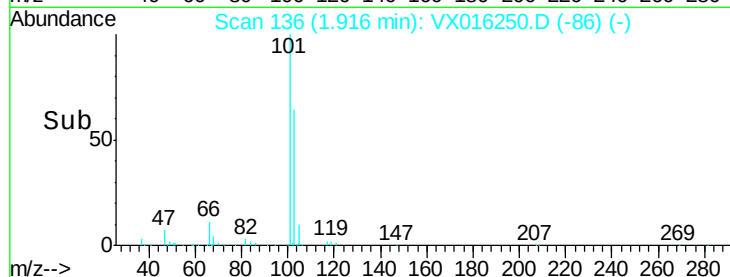
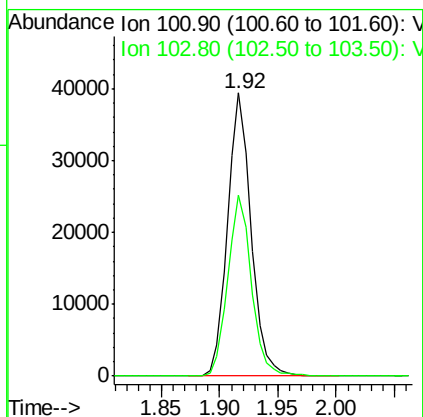
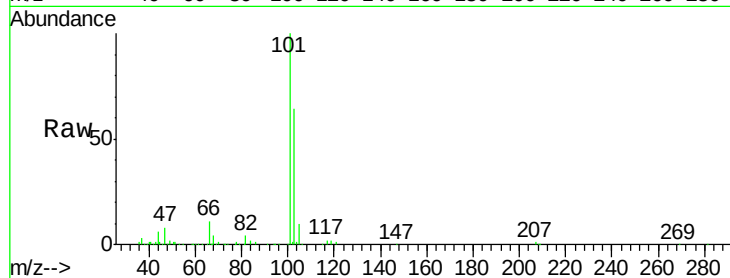
Trichlorofluoromethane
Concen: 16.101 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
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ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.8	77.6

Manual Integrations
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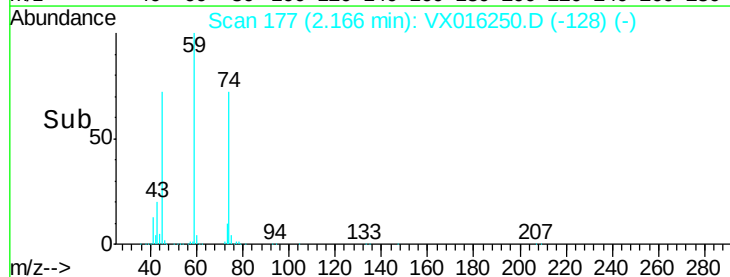
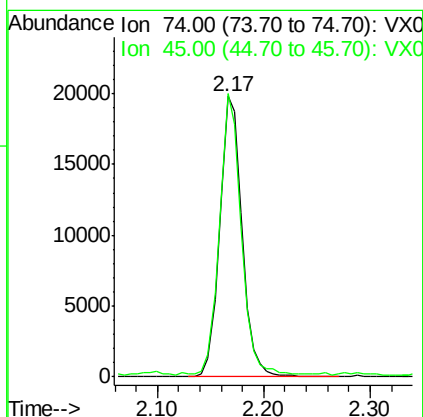
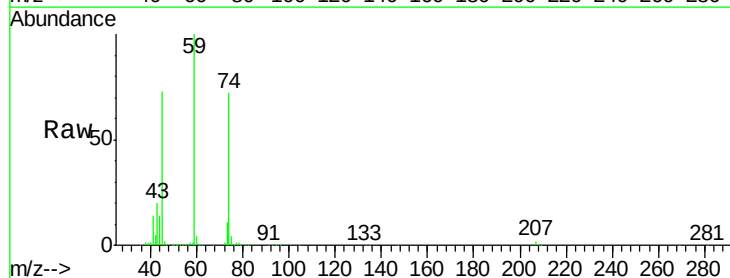
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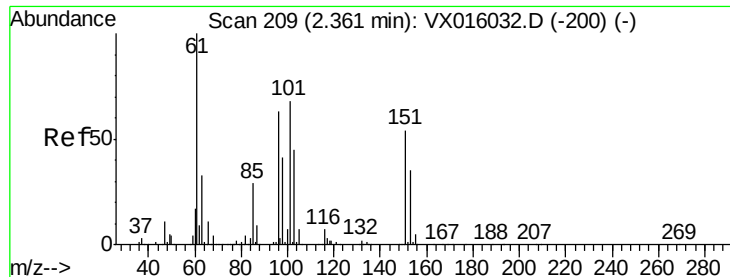


#8

Diethyl Ether
Concen: 20.003 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.929 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

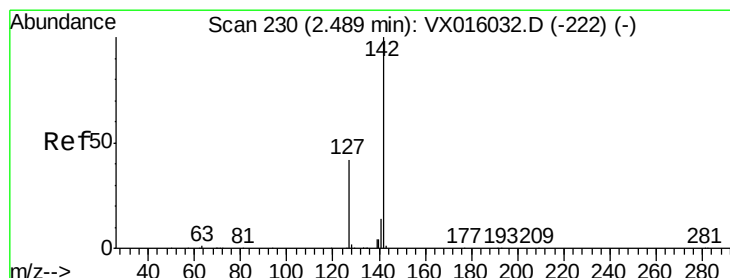
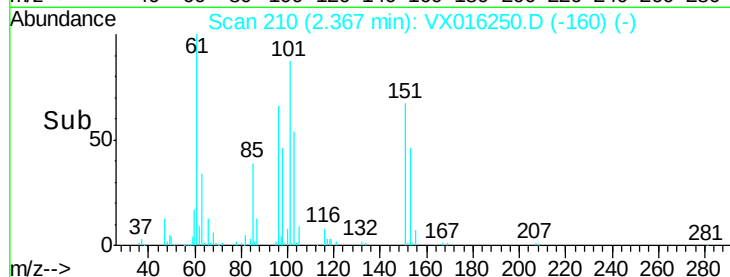
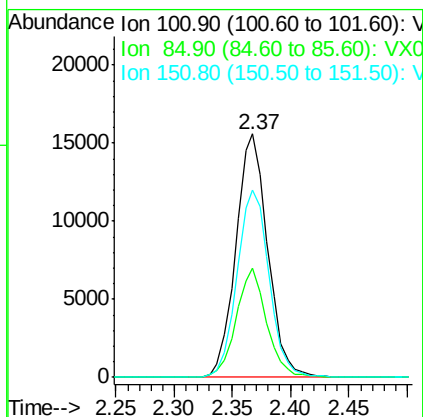
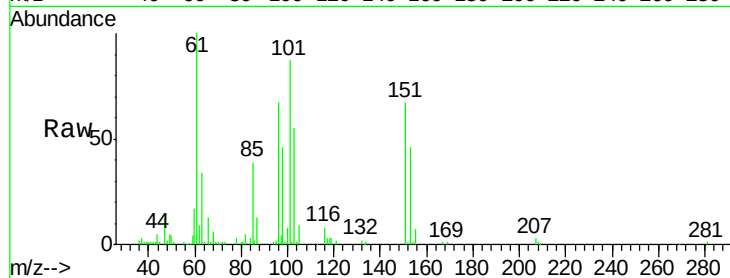
ClientSampleId :

VX0514WBS02

Tot Ion:	101	Resp:	29687
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	77.6	62.1	93.1

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 13.858 ug/l

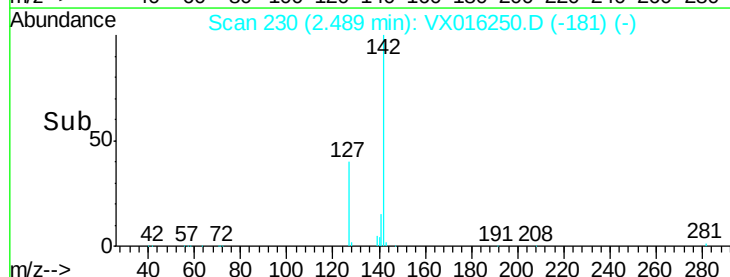
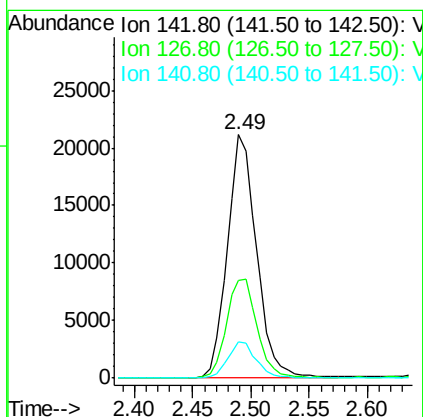
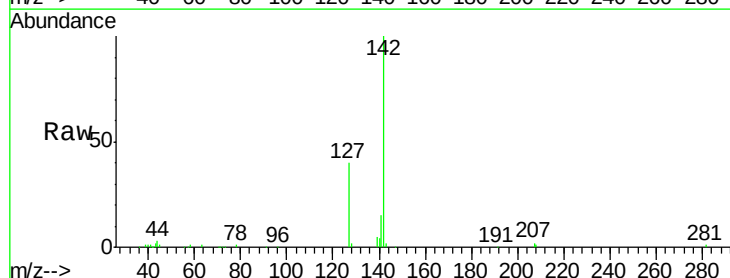
RT: 2.49 min Scan# 230

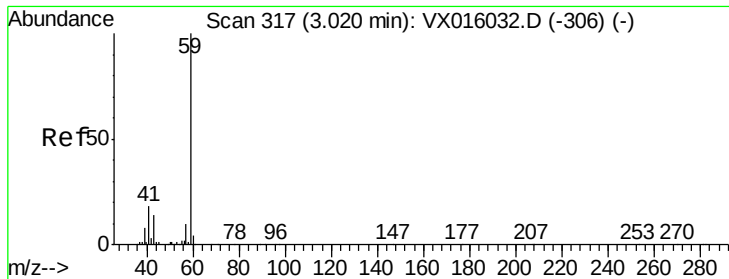
Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion:	142	Resp:	37016
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.6	52.0
141	14.4	11.3	16.9





#11

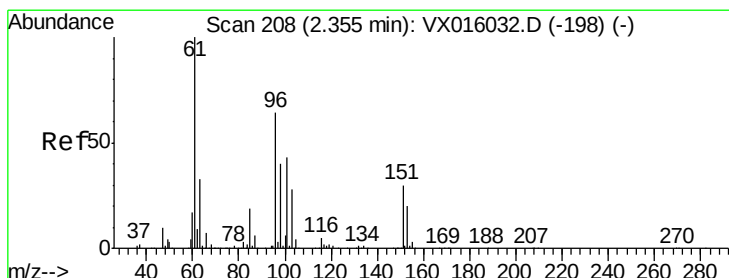
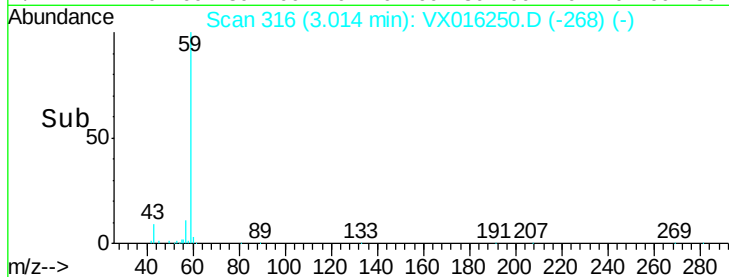
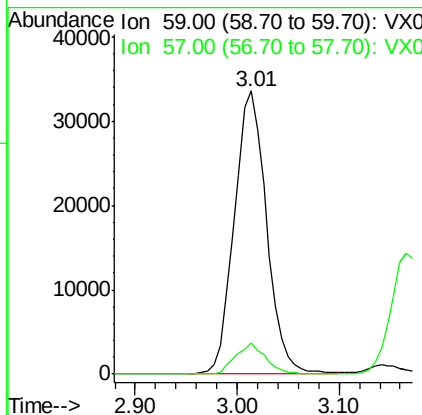
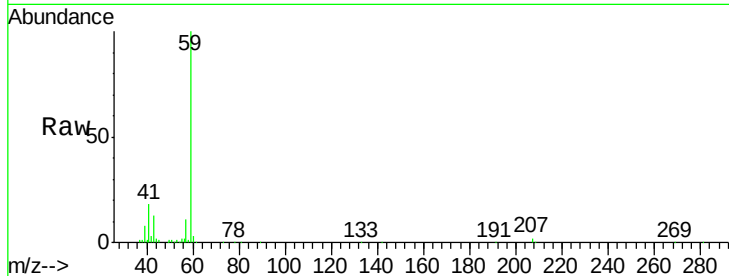
Tert butyl alcohol
Concen: 110.653 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

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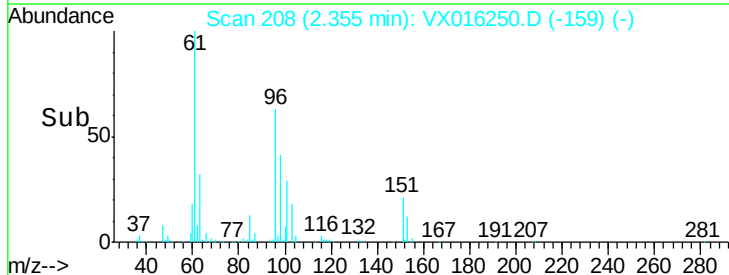
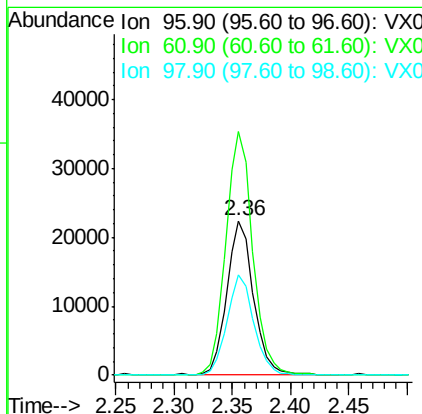
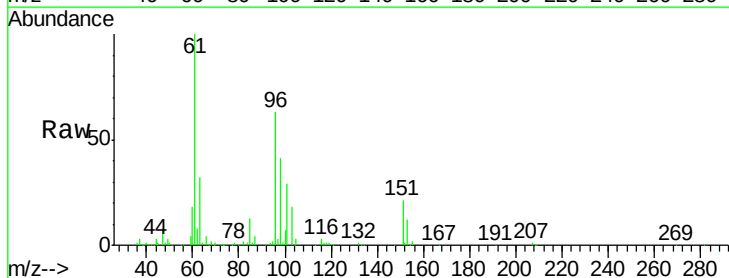
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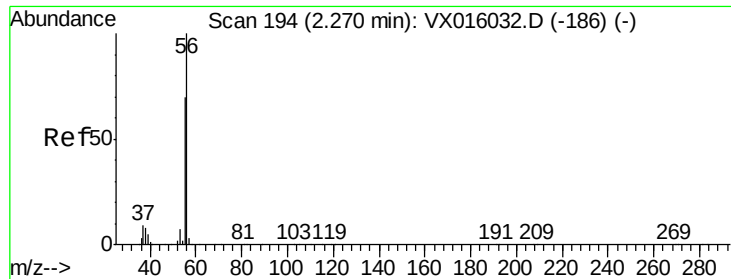


#12

1,1-Dichloroethene
Concen: 16.814 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	124.8	187.2
98	65.1	49.7	74.5





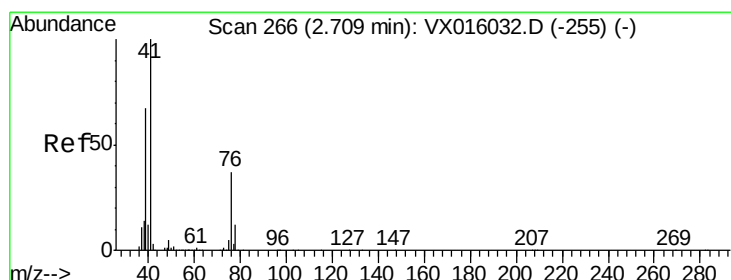
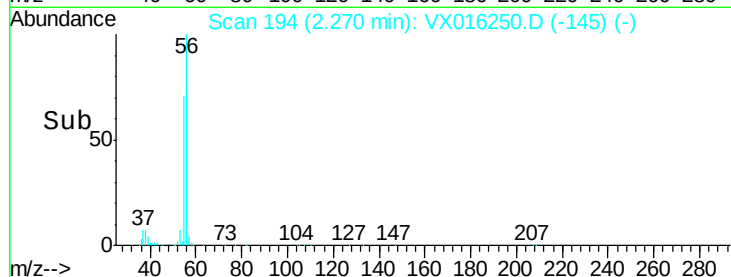
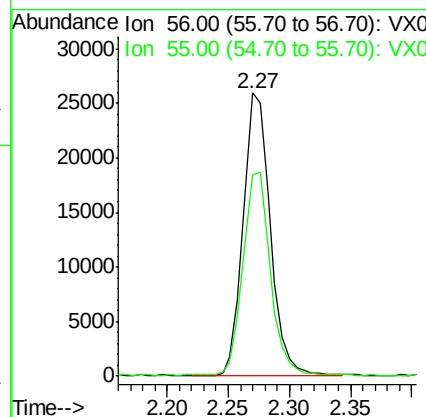
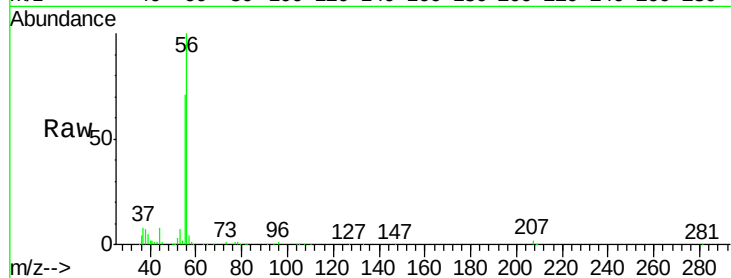
#13
Acrolein
Concen: 96.214 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.2	56.5	84.7

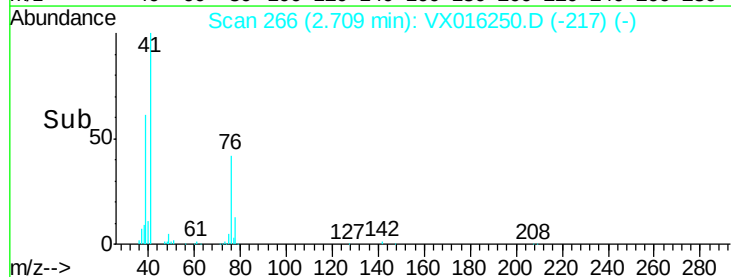
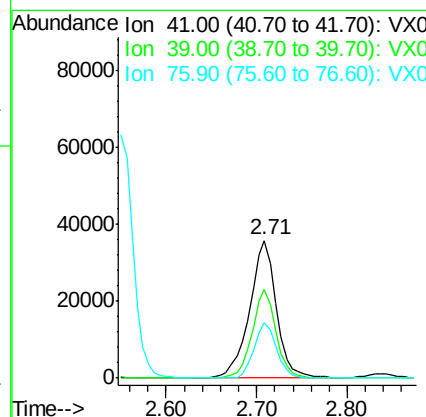
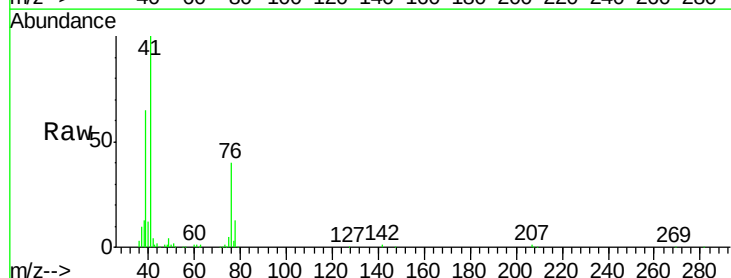
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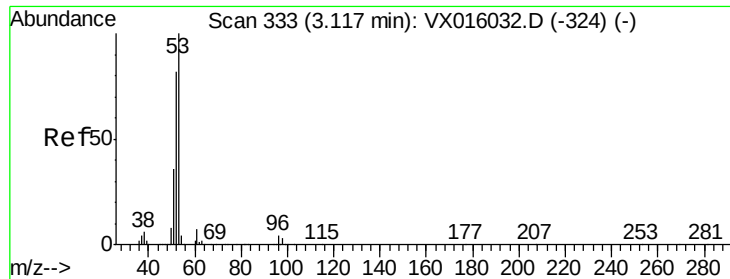
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#14
Allyl chloride
Concen: 18.965 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.9	50.5	75.7
76	35.2	26.6	40.0





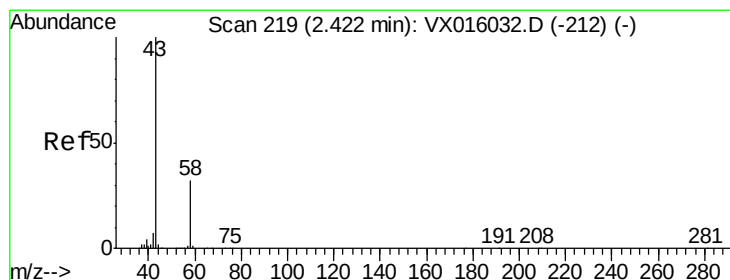
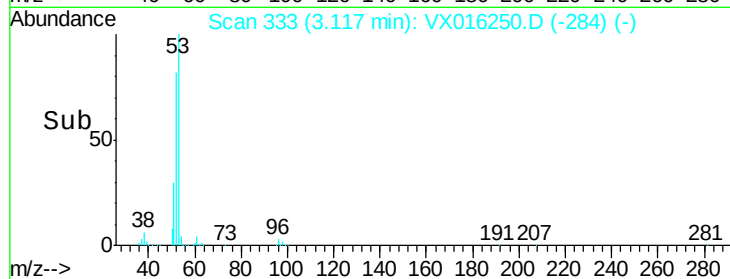
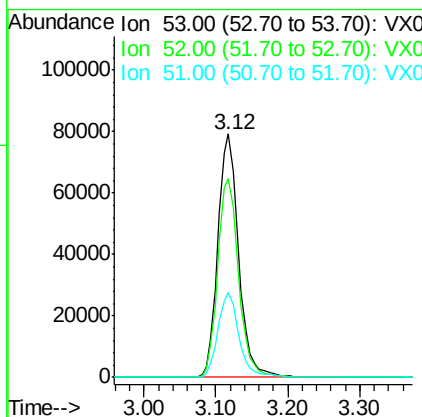
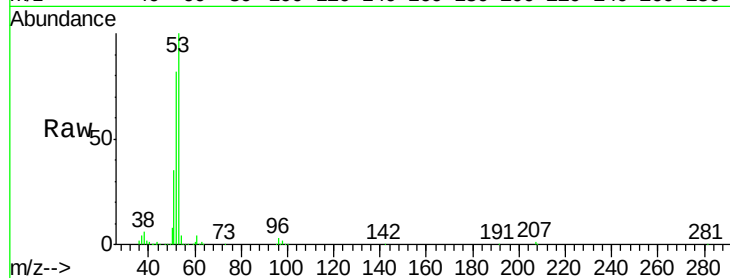
#15
 Acrylonitrile
 Concen: 114.921 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	35.5	28.8	43.2

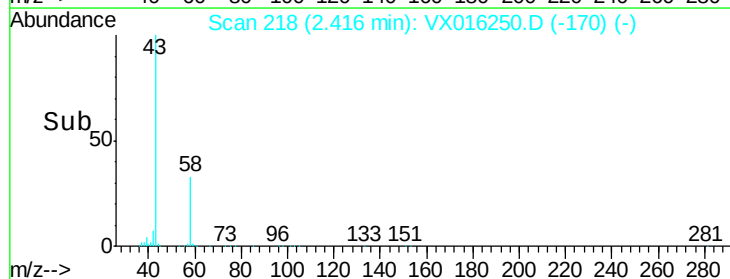
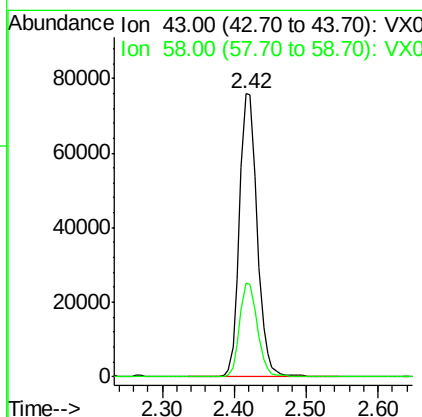
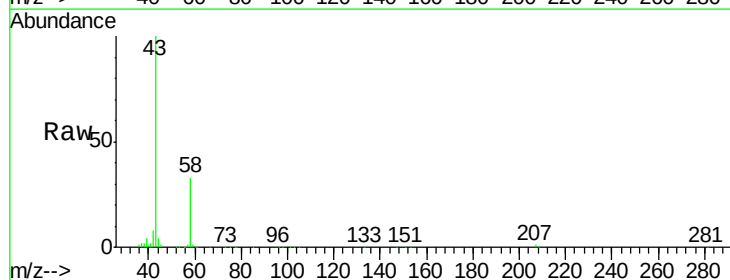
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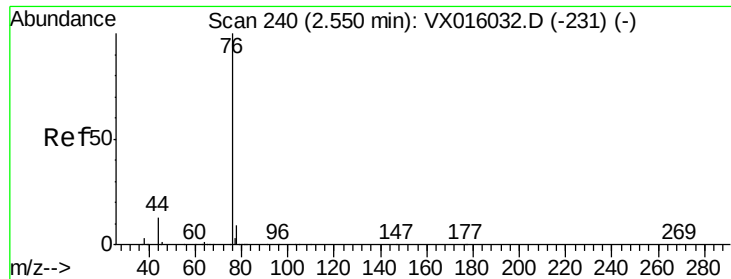
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#16
 Acetone
 Concen: 109.760 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.4	38.0





#17

Carbon Disulfide

Concen: 16.487 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 76 Resp: 103893

Ion Ratio Lower Upper

76 100

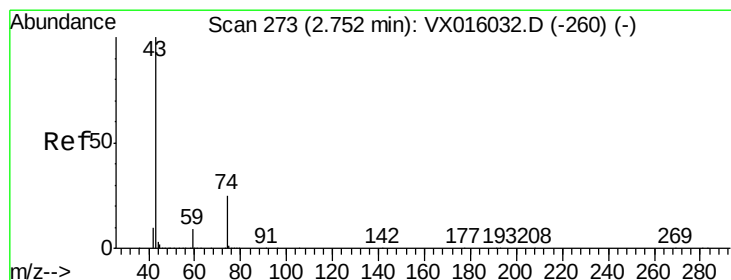
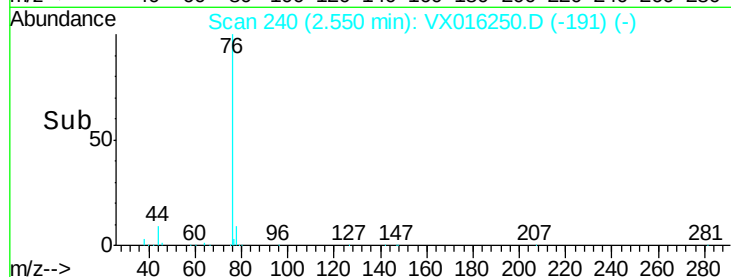
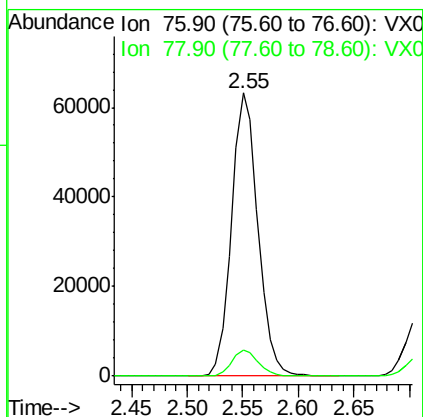
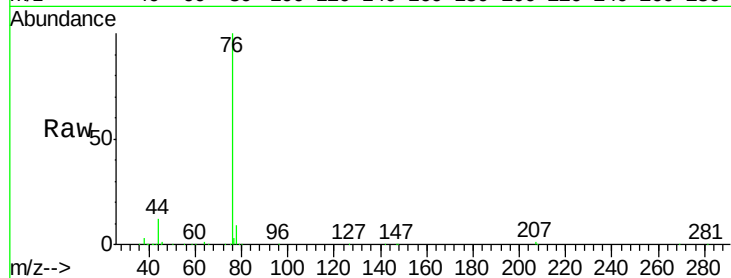
78 9.0 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 23.848 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016250.D

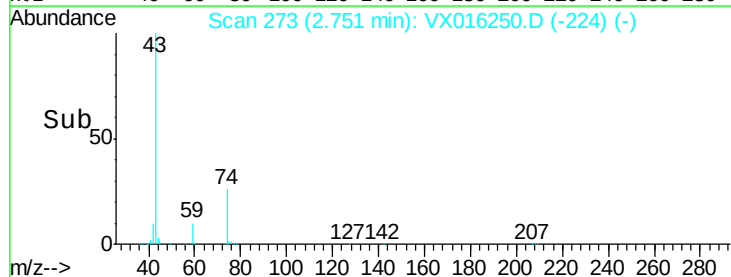
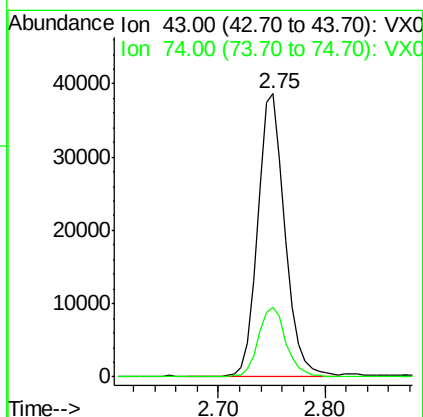
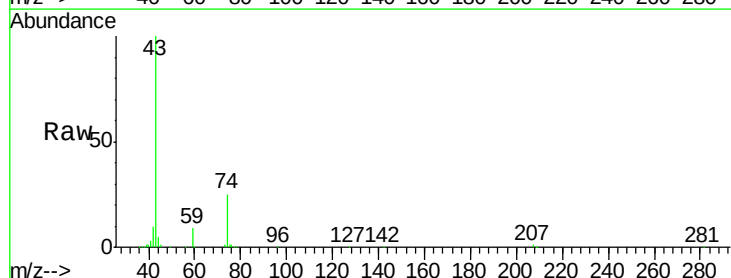
Acq: 14 May 2020 23:34

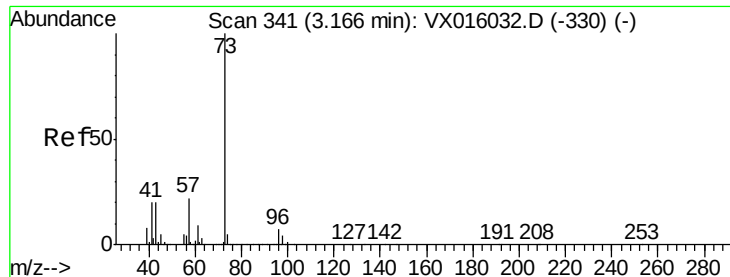
Tgt Ion: 43 Resp: 68917

Ion Ratio Lower Upper

43 100

74 25.7 20.2 30.2





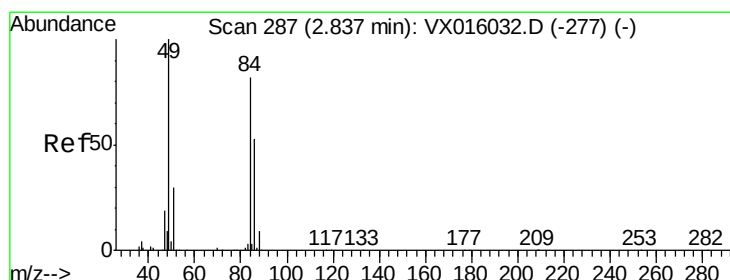
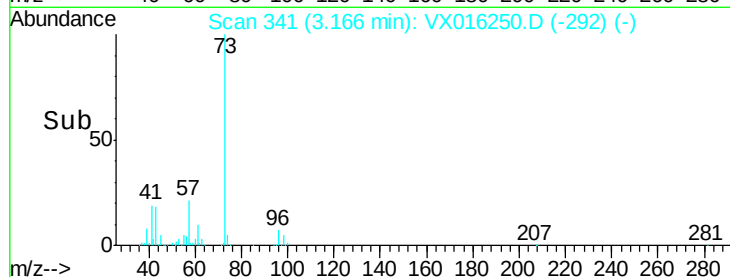
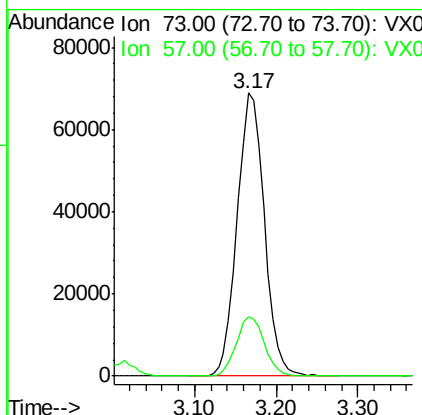
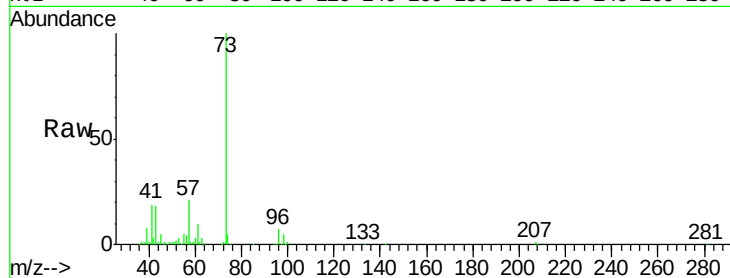
#19
Methyl tert-butyl Ether
Concen: 22.057 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.8	26.6

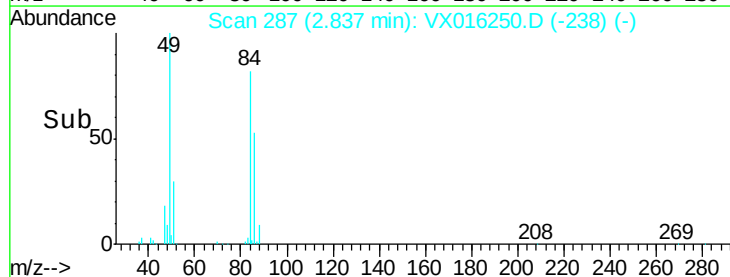
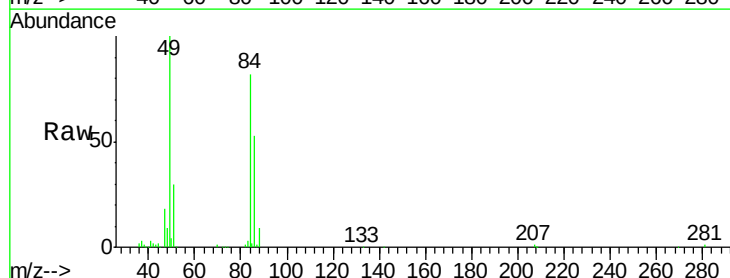
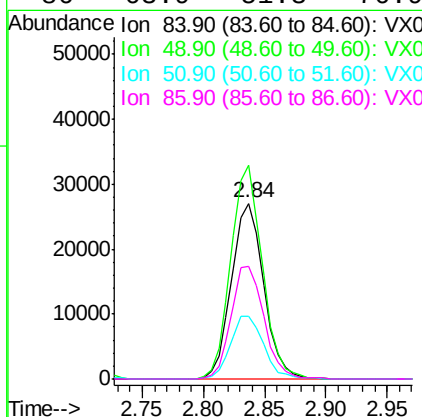
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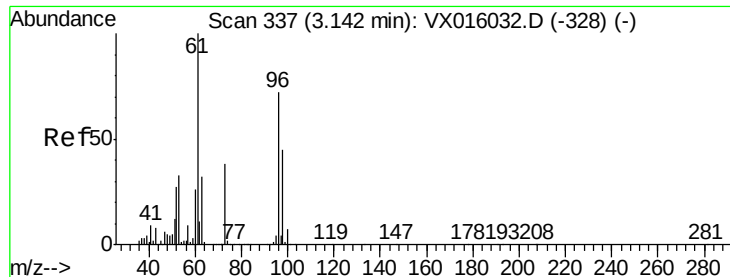
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#20
Methylene Chloride
Concen: 20.360 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.4	97.3	145.9
51	35.9	29.3	43.9
86	63.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 18.676 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

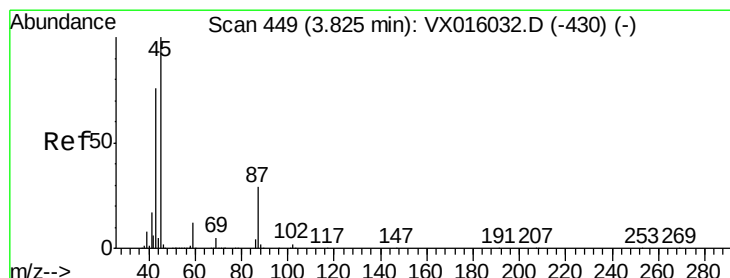
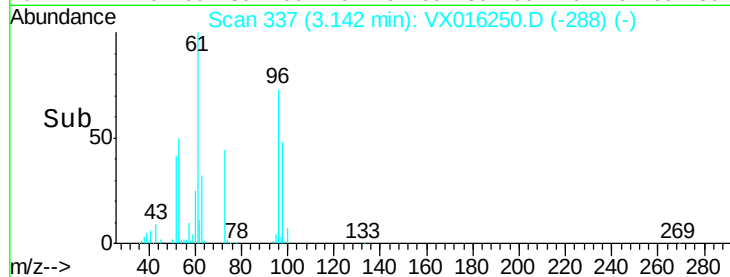
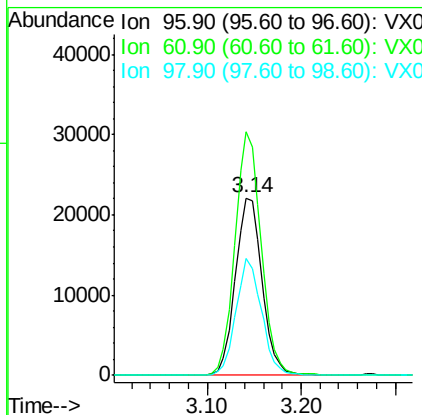
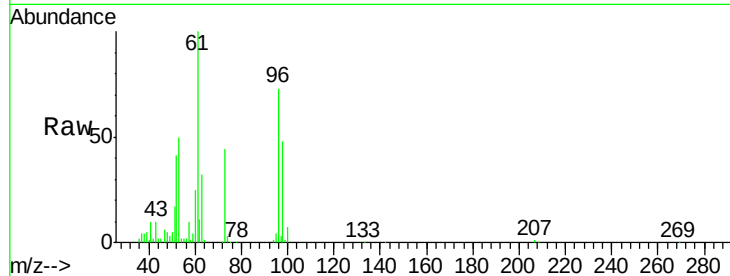
ClientSampleId :

VX0514WBS02

Tot Ion:	96	Resp:	43307
Ion	Ratio	Lower	Upper
96	100		
61	137.5	111.2	166.8
98	66.2	50.2	75.4

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#22

Diisopropyl ether

Concen: 21.207 ug/l

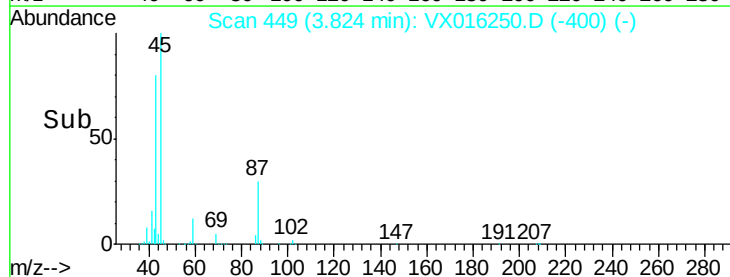
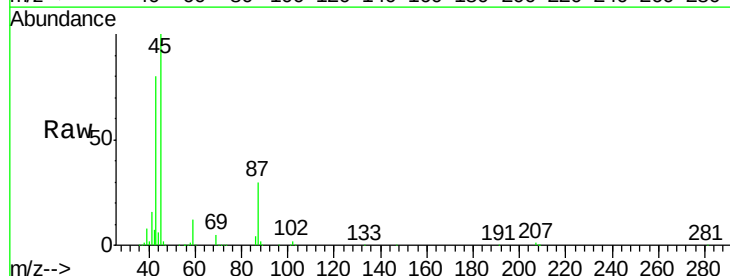
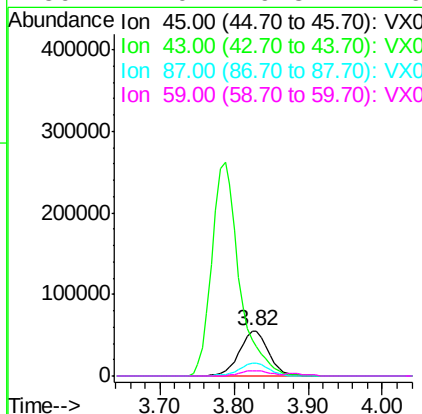
RT: 3.82 min Scan# 449

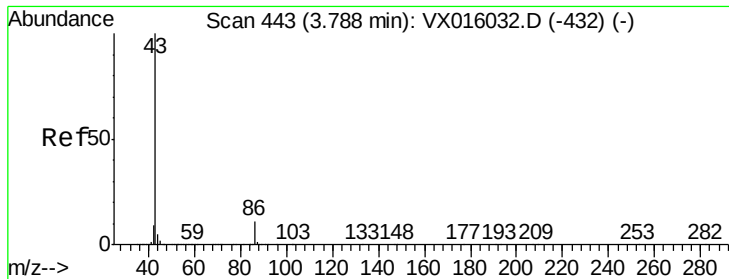
Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion:	45	Resp:	152649
Ion	Ratio	Lower	Upper
45	100		
43	79.7	61.1	91.7
87	29.5	23.0	34.6
59	12.0	9.8	14.6





#23

Vinyl Acetate

Concen: 105.816 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 43 Resp: 670105

Ion Ratio Lower Upper

43 100

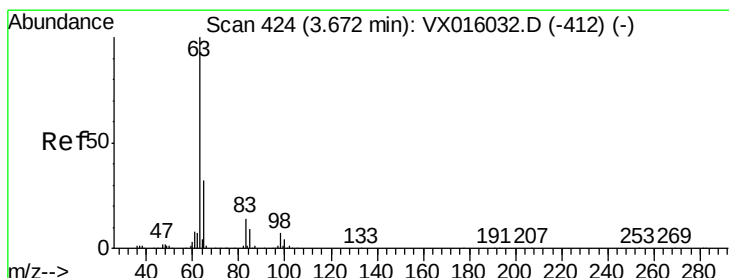
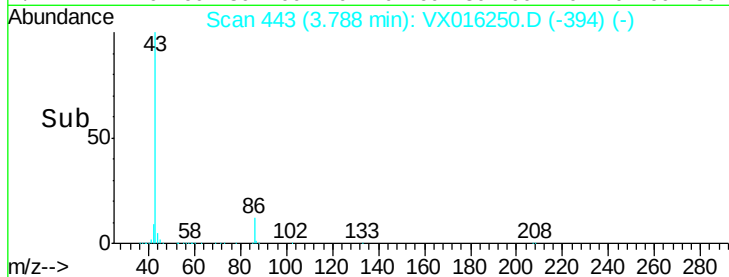
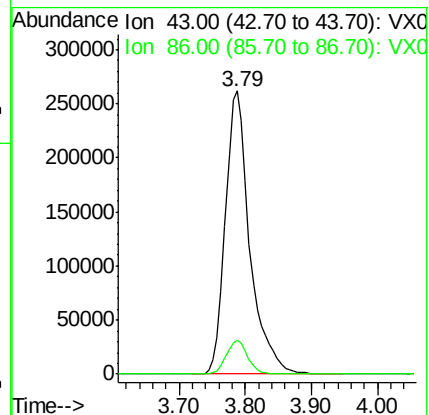
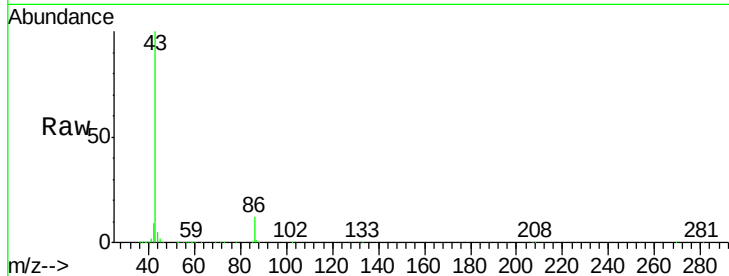
86 11.9 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 20.598 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

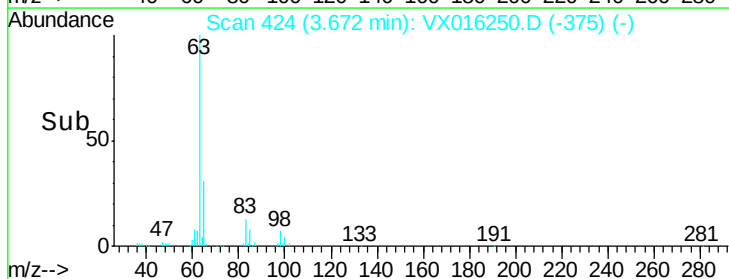
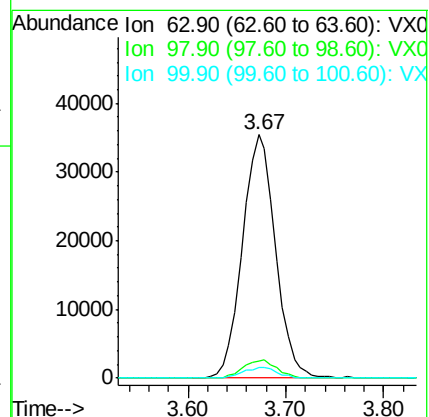
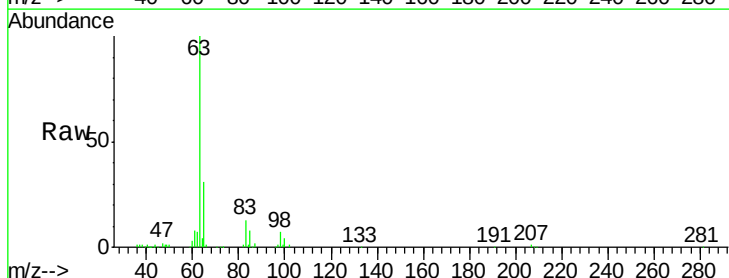
Tgt Ion: 63 Resp: 82938

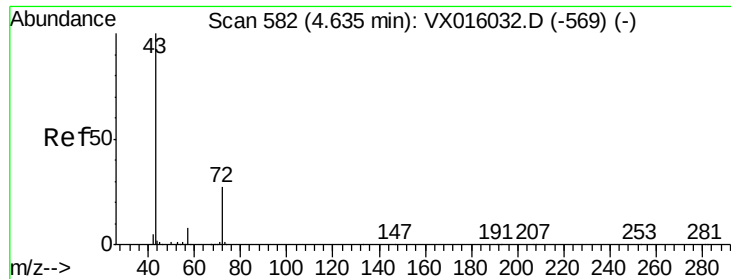
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 114.576 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 43 Resp: 217002

Ion Ratio Lower Upper

43 100

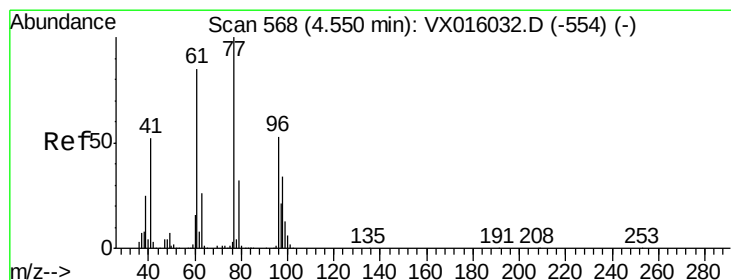
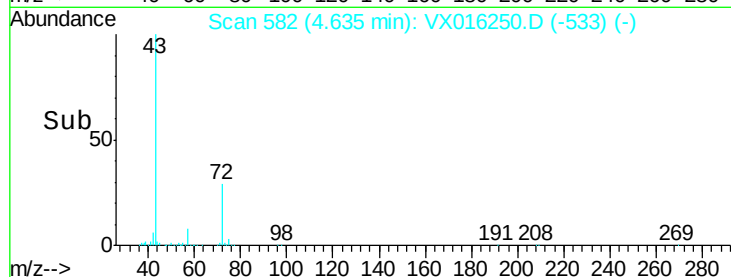
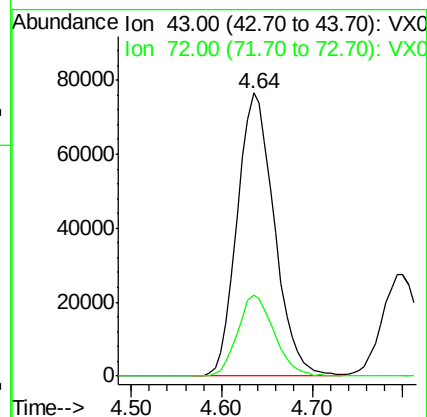
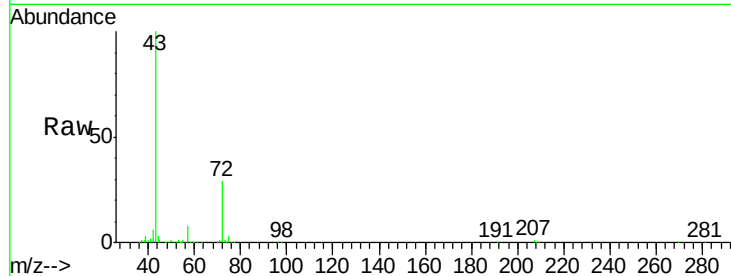
72 28.6 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.572 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016250.D

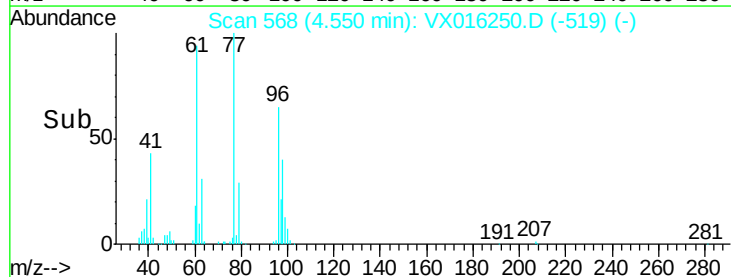
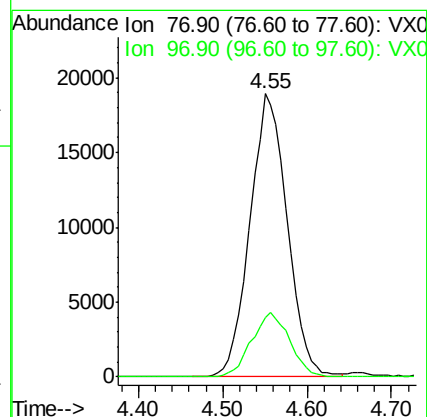
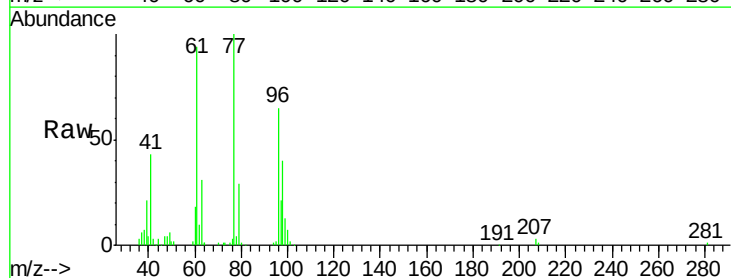
Acq: 14 May 2020 23:34

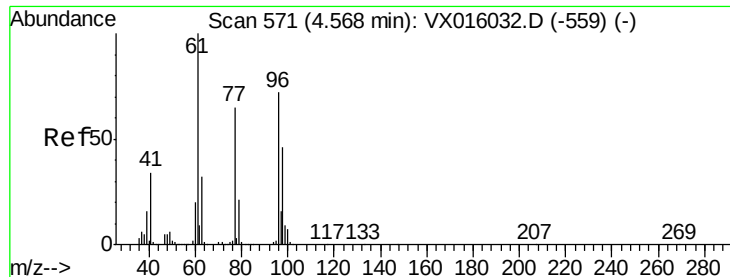
Tgt Ion: 77 Resp: 57261

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6





#27

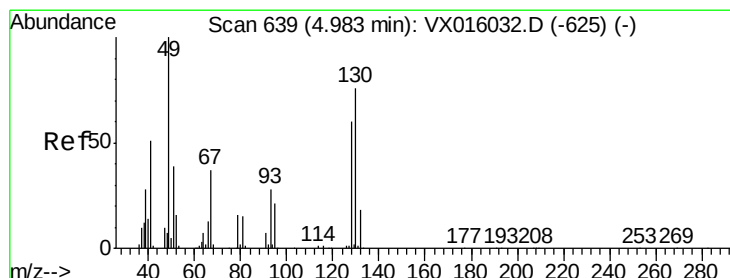
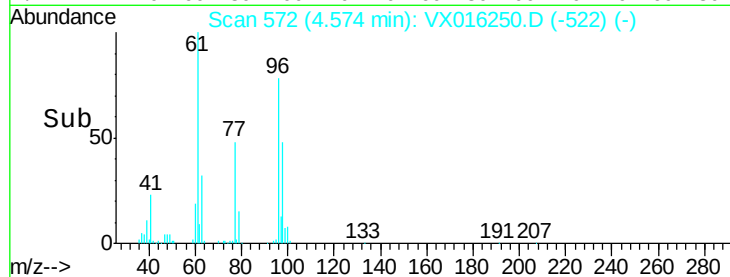
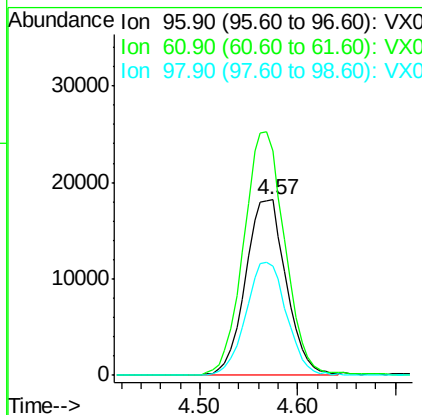
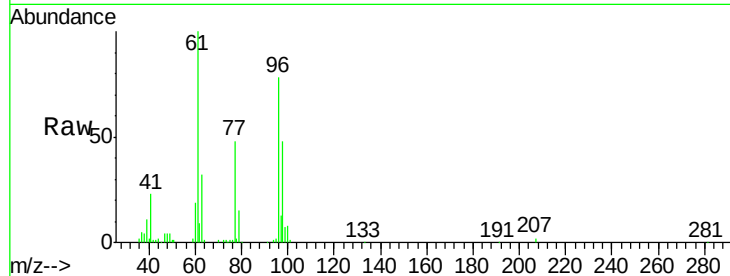
cis-1,2-Dichloroethene
Concen: 20.802 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	296.2
98	64.4	0.0	129.4

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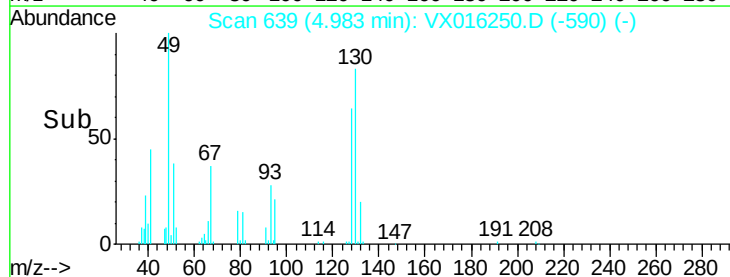
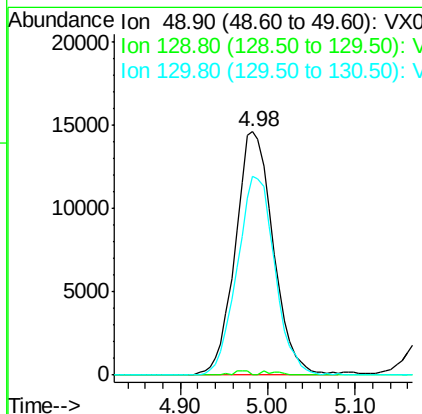
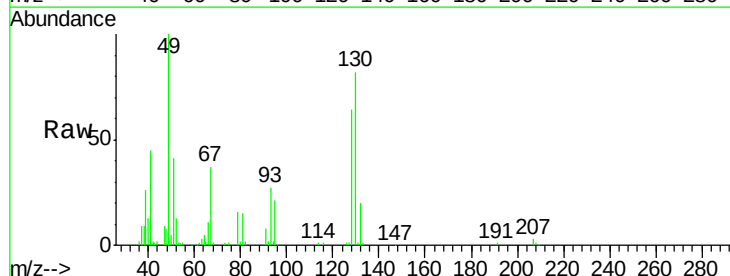
MMDadoda
5/15/2020 10:10:34 AM

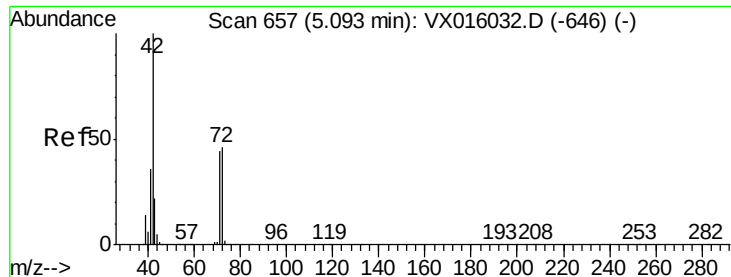


#28

Bromochloromethane
Concen: 24.013 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.0
130	81.1	62.4	93.6





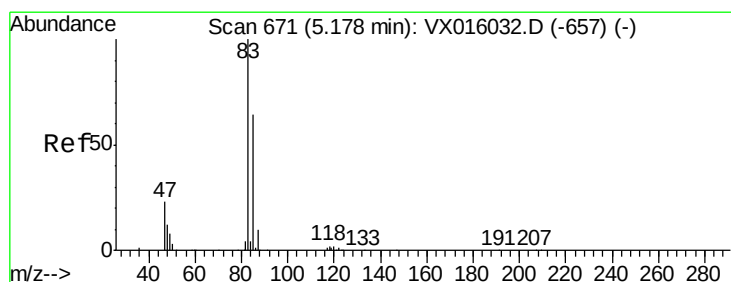
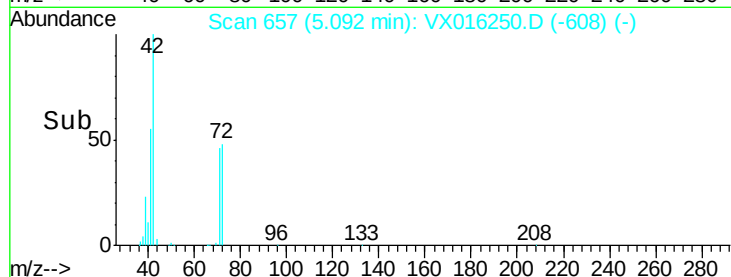
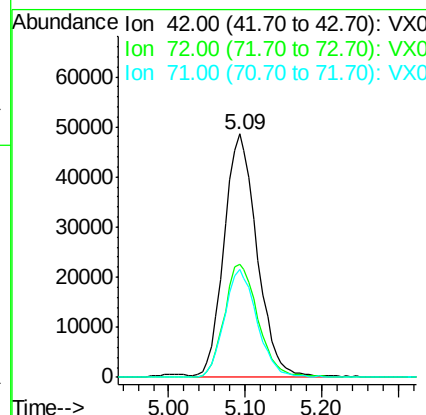
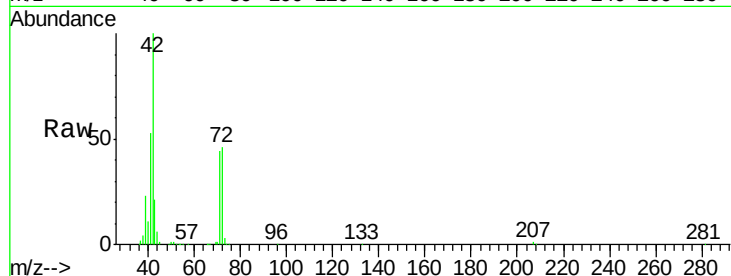
#29
Tetrahydrofuran
Concen: 114.067 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.1	55.7
71	44.3	34.5	51.7

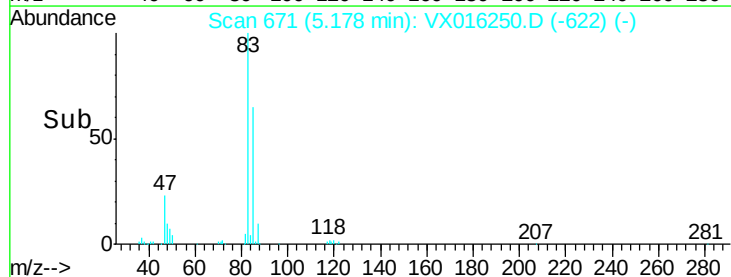
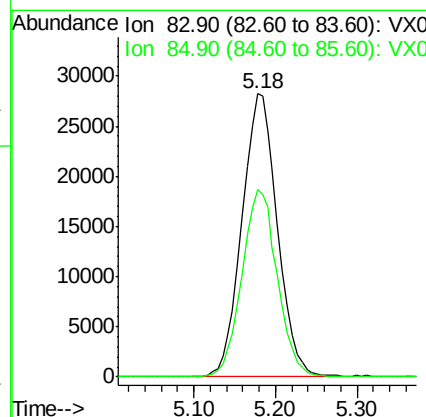
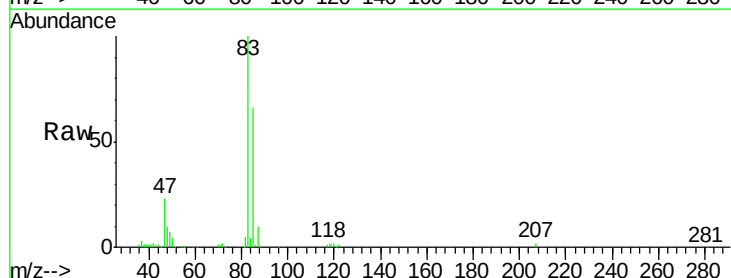
Manual Integrations
APPROVED

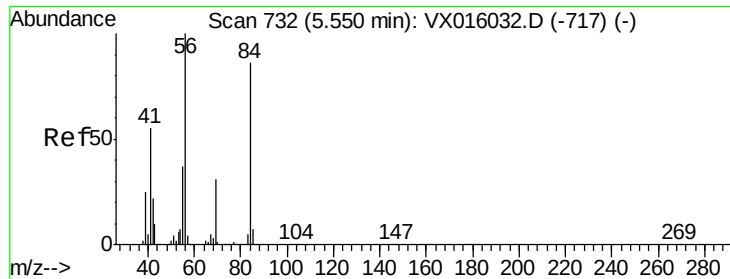
MMDadoda
5/15/2020 10:10:34 AM



#30
Chloroform
Concen: 21.141 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.6	77.4





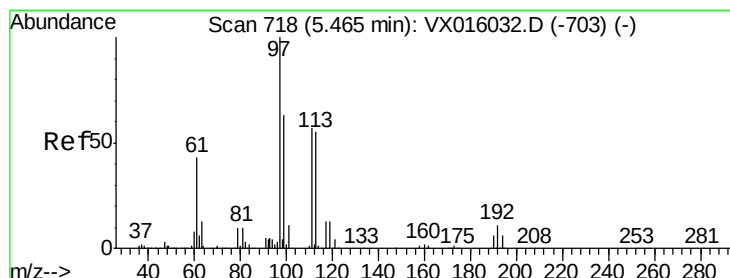
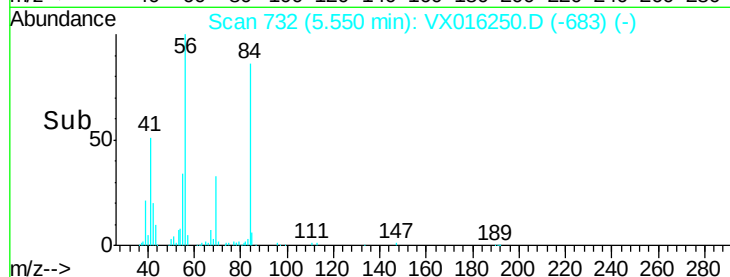
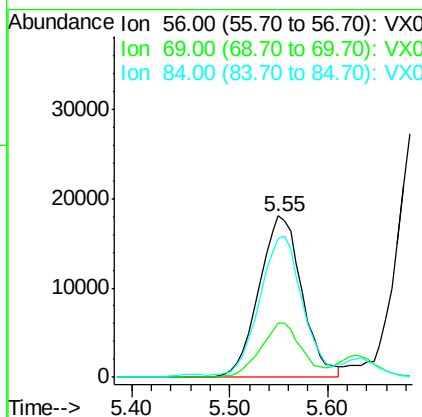
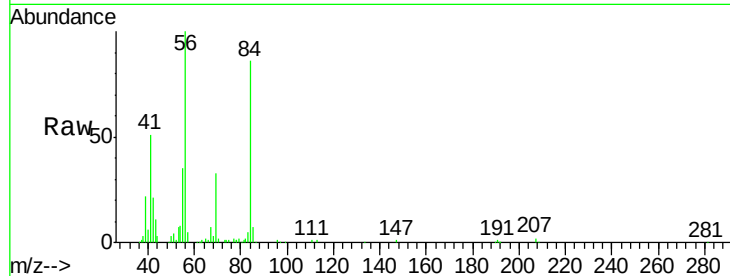
#31
Cyclohexane
Concen: 15.094 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.0	37.6
84	84.3	69.0	103.6

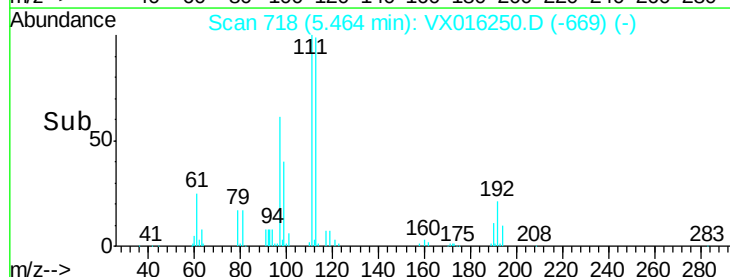
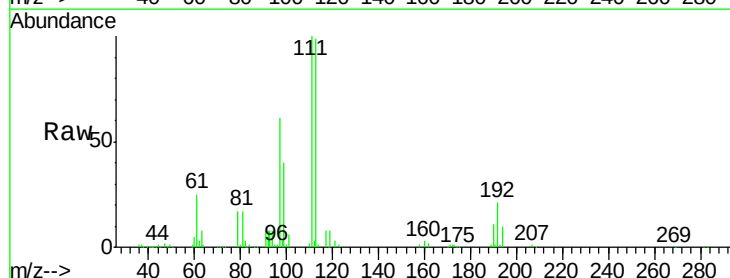
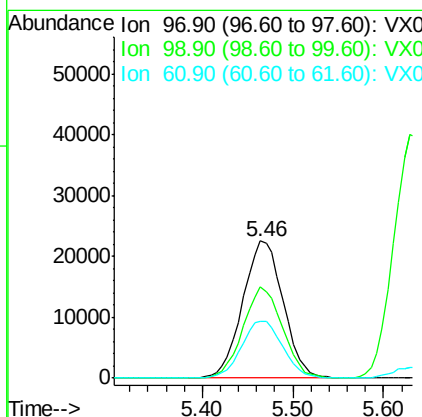
Manual Integrations
APPROVED

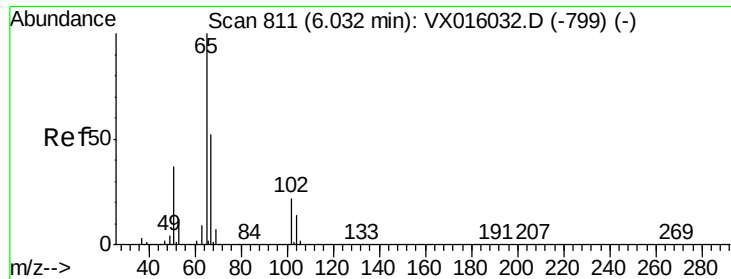
MMDadoda
5/15/2020 10:10:34 AM



#32
1,1,1-Trichloroethane
Concen: 19.136 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	42.4	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 53.607 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 65 Resp: 141210

Ion Ratio Lower Upper

65 100

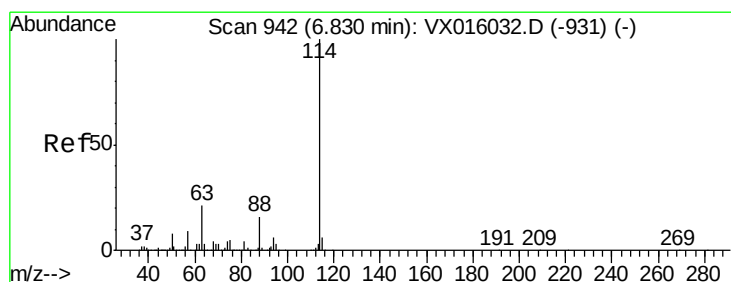
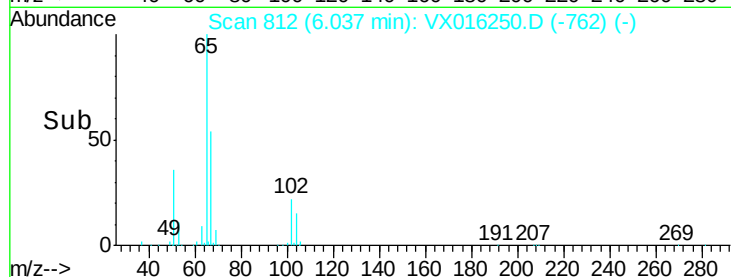
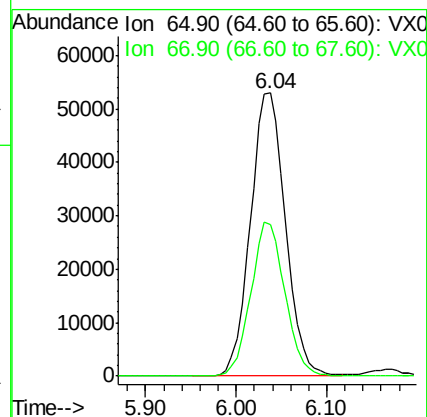
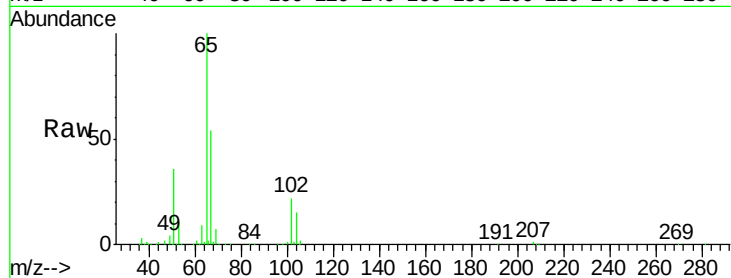
67 53.1 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

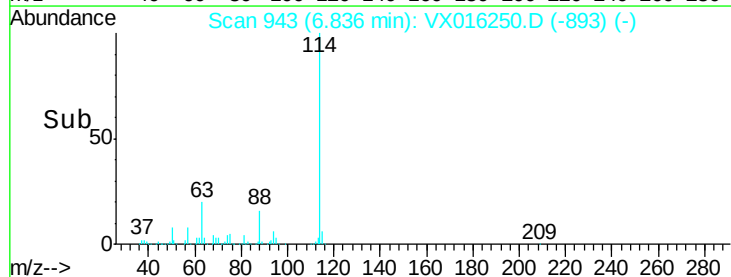
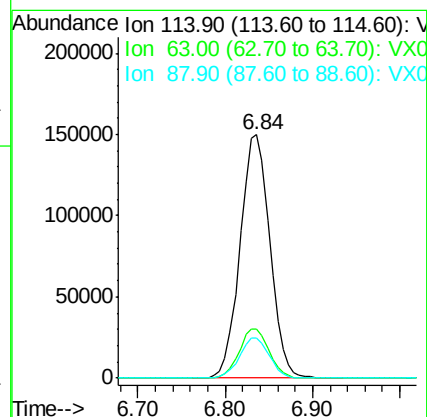
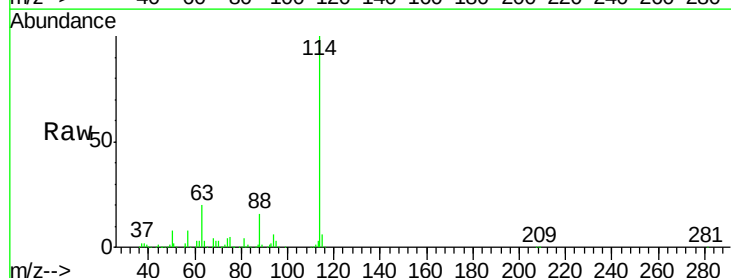
Tgt Ion: 114 Resp: 355543

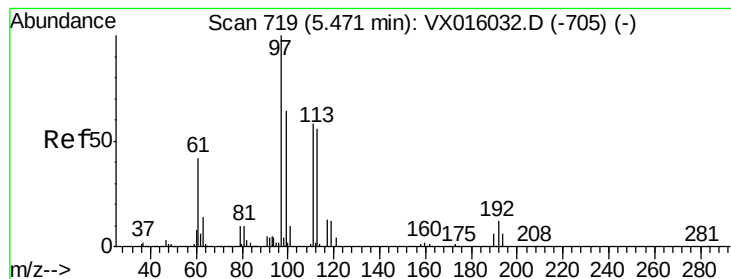
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.666 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

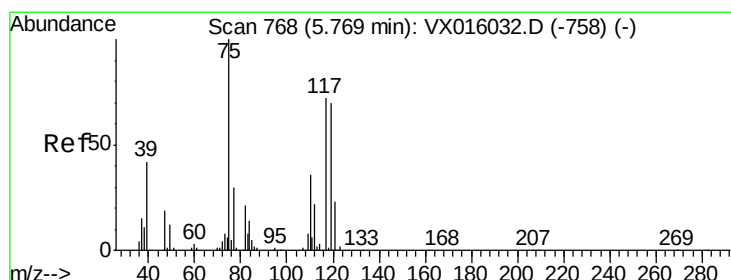
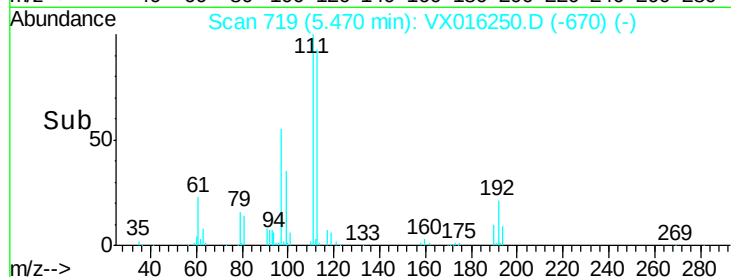
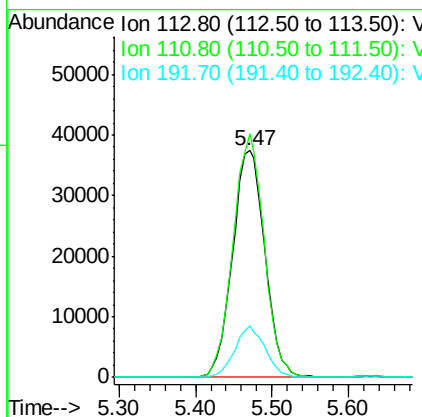
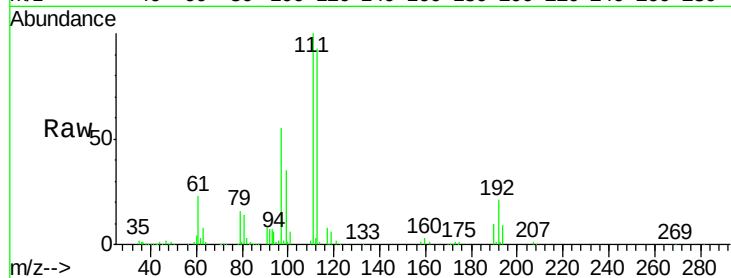
ClientSampleId :

VX0514WBS02

Tot Ion:	113	Resp:	109621
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.6	122.4
192	21.4	17.0	25.4

Manual Integrations
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5/15/2020 10:10:34 AM



#36

1,1-Dichloropropene

Concen: 15.848 ug/l

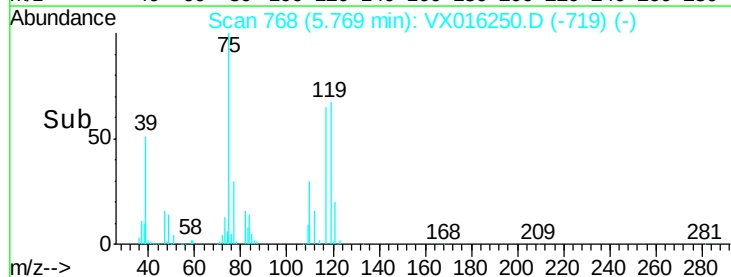
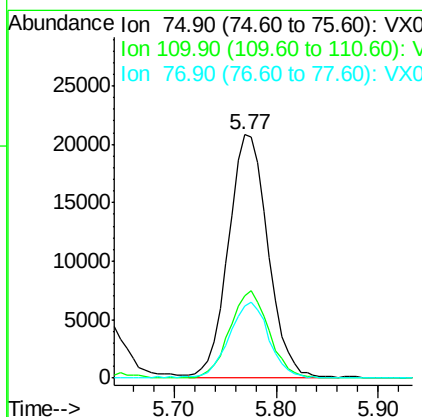
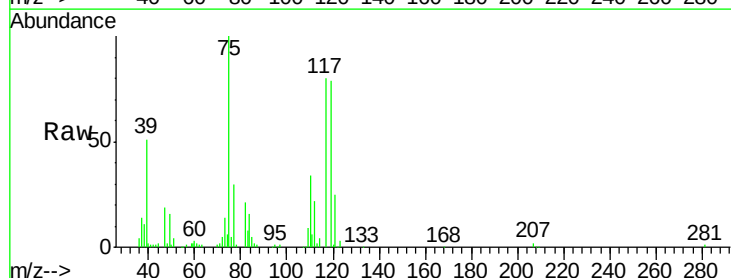
RT: 5.77 min Scan# 768

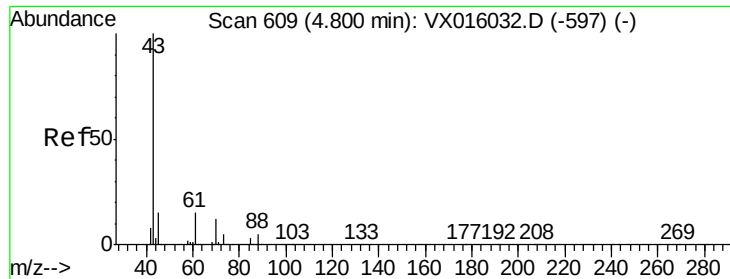
Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion:	75	Resp:	55466
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.1	54.1
77	31.6	25.0	37.6





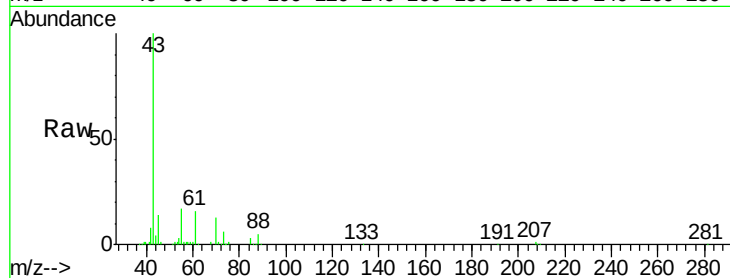
#37
Ethyl Acetate
Concen: 20.033 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	12.7	9.3	13.9

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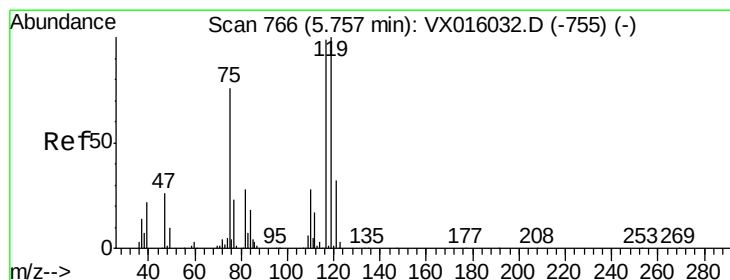
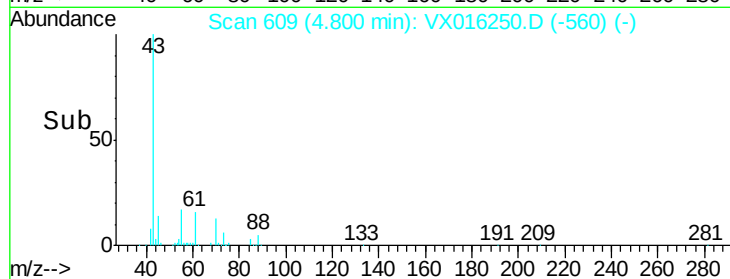
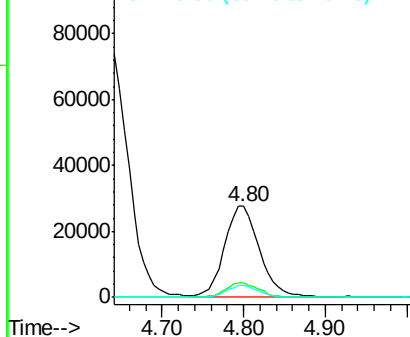


Abundance

Ion 43.00 (42.70 to 43.70): VX016032.D (-597) (-)

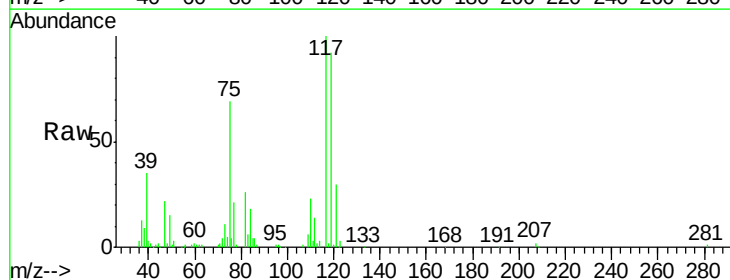
Ion 60.90 (60.60 to 61.60): VX016032.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX016032.D (-597) (-)



#38
Carbon Tetrachloride
Concen: 16.246 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	80.3	120.5
121	29.6	25.7	38.5

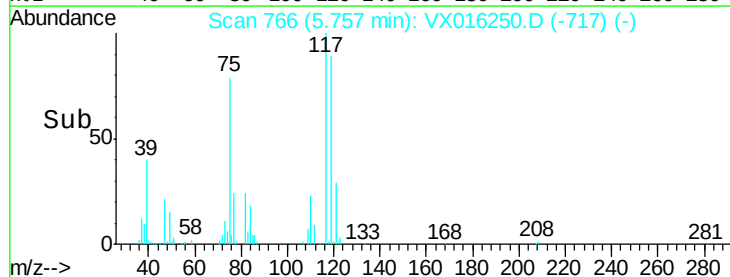
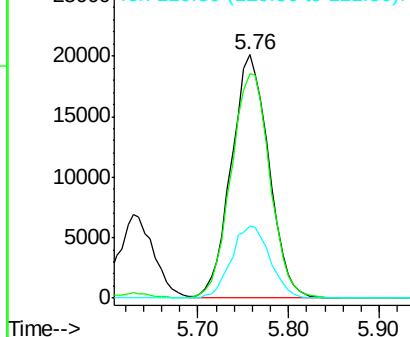


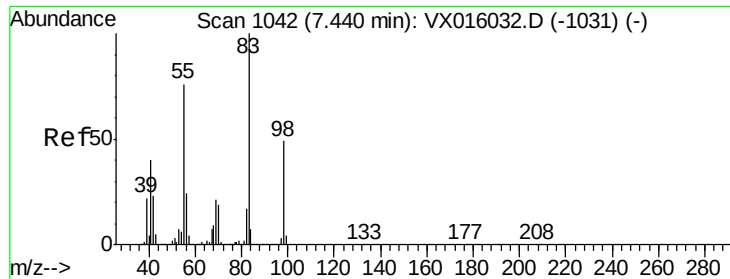
Abundance

Ion 116.80 (116.50 to 117.50): VX016032.D (-755) (-)

Ion 118.80 (118.50 to 119.50): VX016032.D (-755) (-)

Ion 120.80 (120.50 to 121.50): VX016032.D (-755) (-)





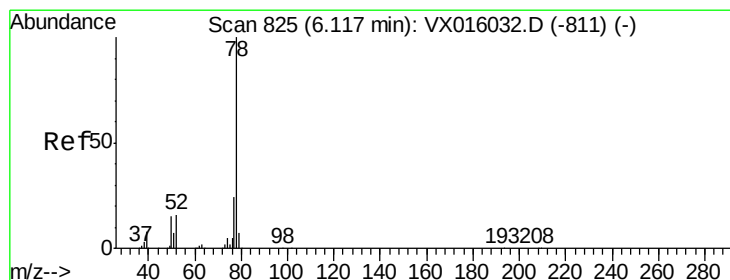
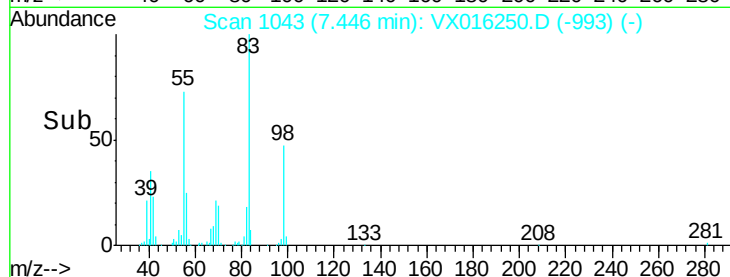
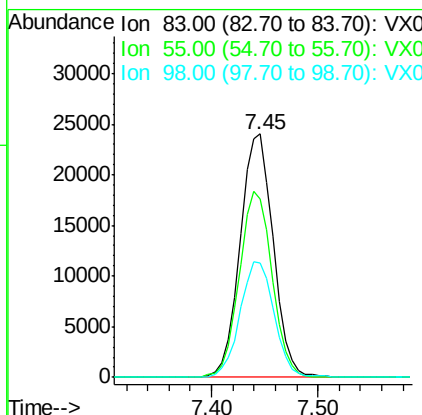
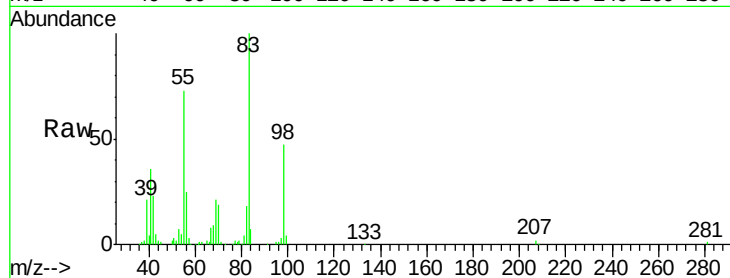
#39
Methylvlcyclohexane
Concen: 12.447 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	83	Resp	52462
Ion Ratio	100	Lower	Upper
83	100		
55	73.3	61.1	91.7
98	47.2	39.0	58.4

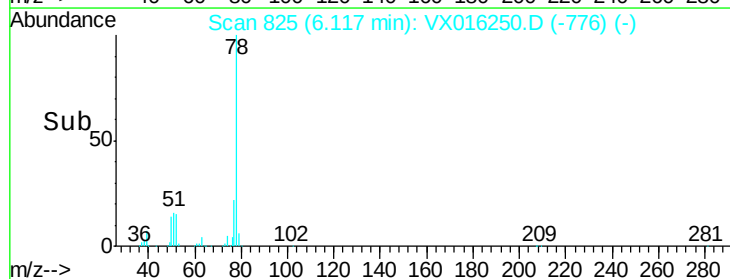
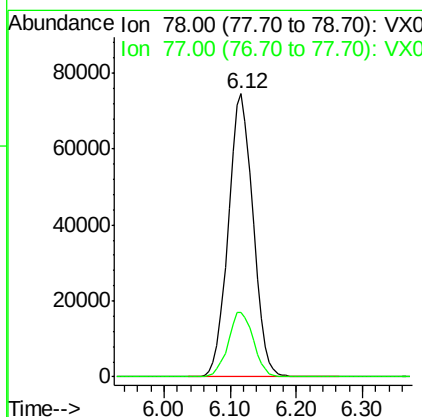
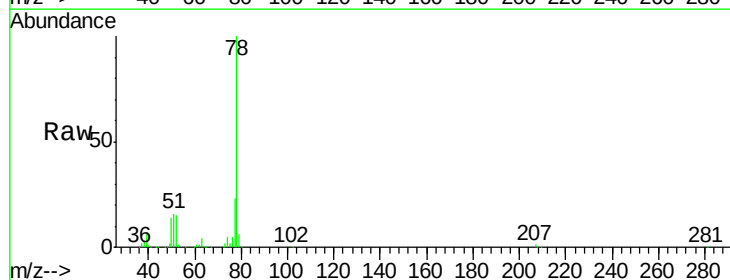
Manual Integrations
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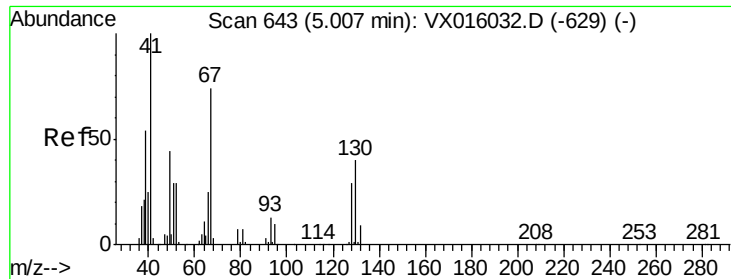
MMDadoda
5/15/2020 10:10:34 AM



#40
Benzene
Concen: 18.909 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	78	Resp	193636
Ion Ratio	100	Lower	Upper
78	100		
77	23.0	19.0	28.4





#41

Methacrylonitrile

Concen: 20.026 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

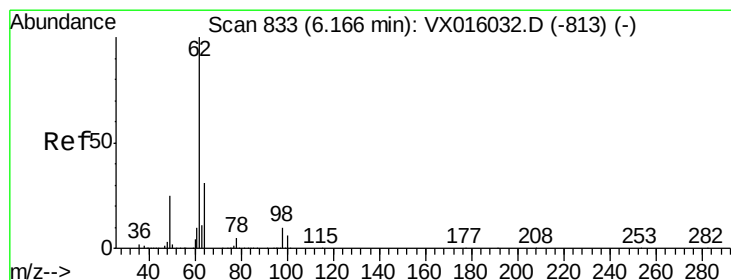
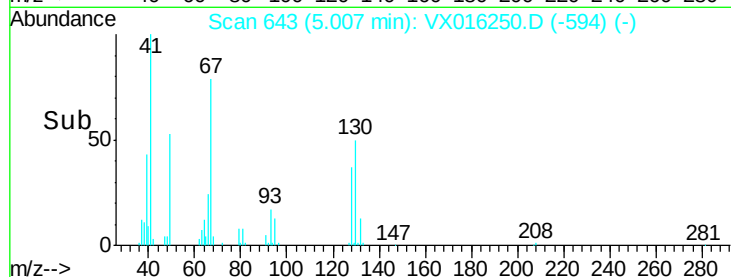
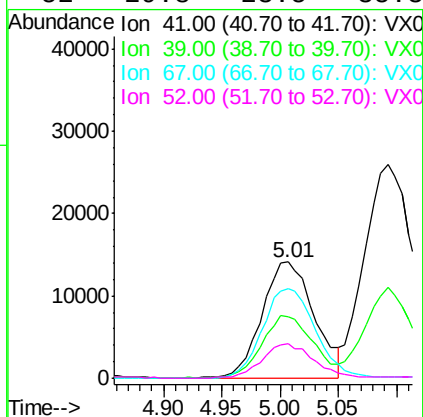
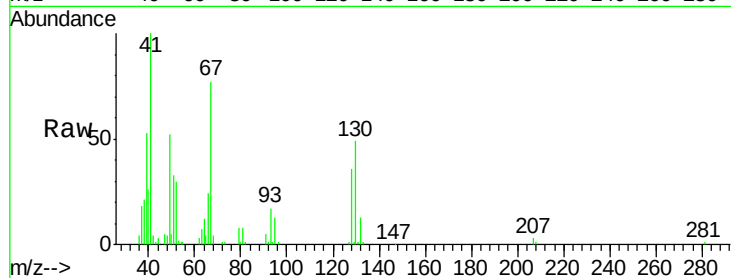
ClientSampleId :

VX0514WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		43871		
39	53.2	43.2	64.8		
67	78.6	59.3	88.9		
52	29.8	23.5	35.3		

Manual Integrations
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5/15/2020 10:10:34 AM



#42

1,2-Dichloroethane

Concen: 18.875 ug/l

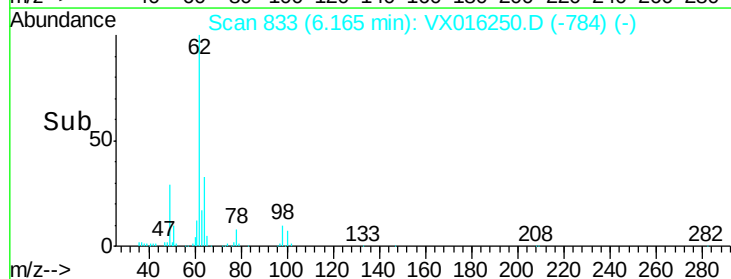
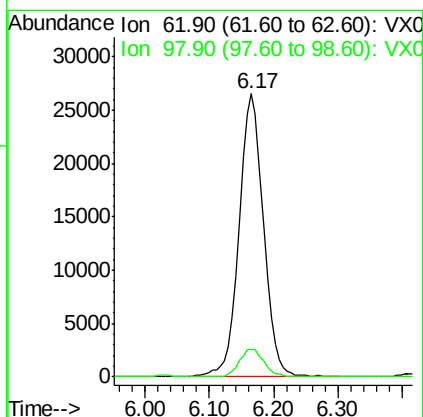
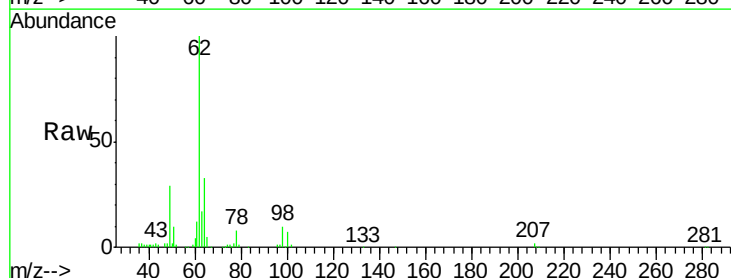
RT: 6.17 min Scan# 833

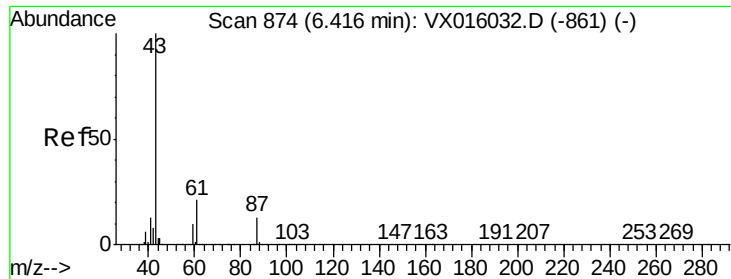
Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		69626		
98	9.9	0.0	19.4		





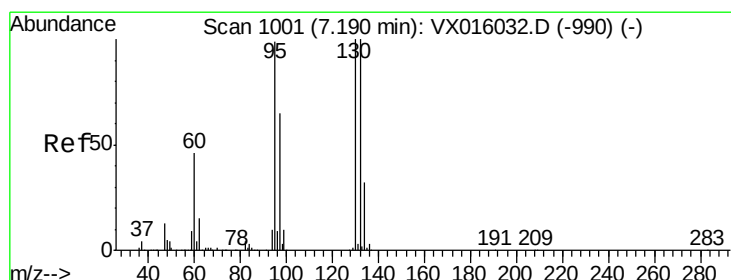
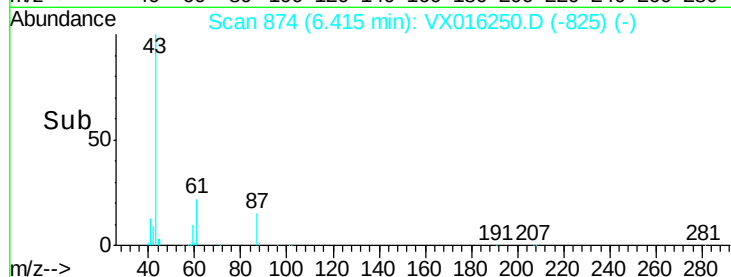
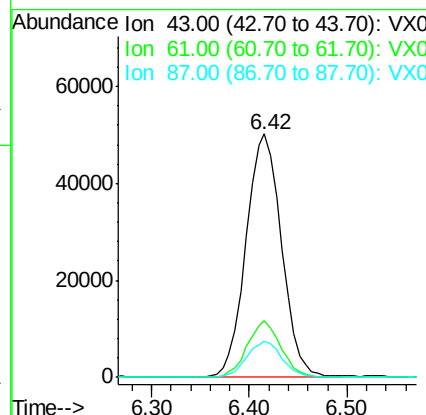
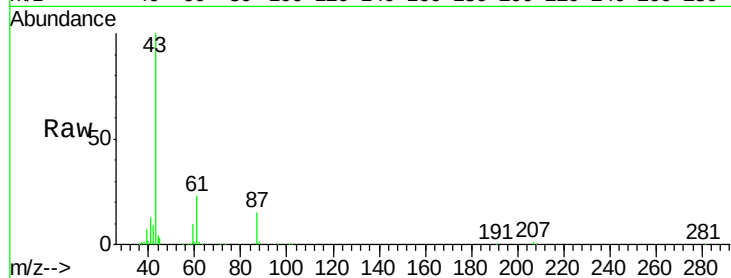
#43
Isopropyl Acetate
Concen: 19.469 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.0	25.4
87	14.7	11.0	16.6

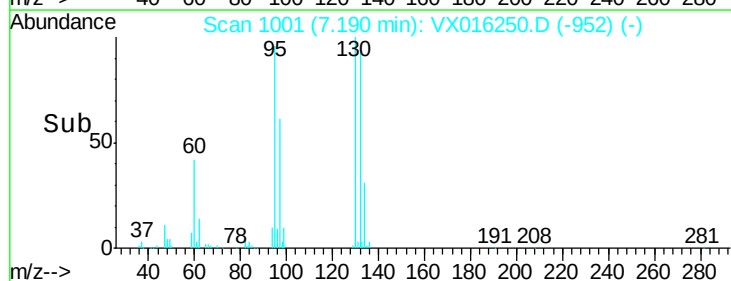
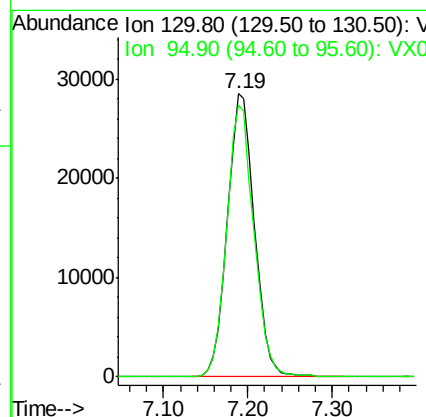
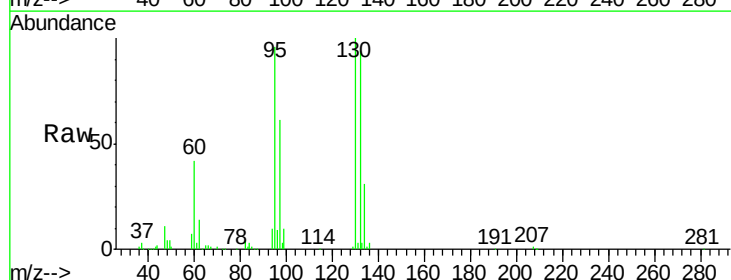
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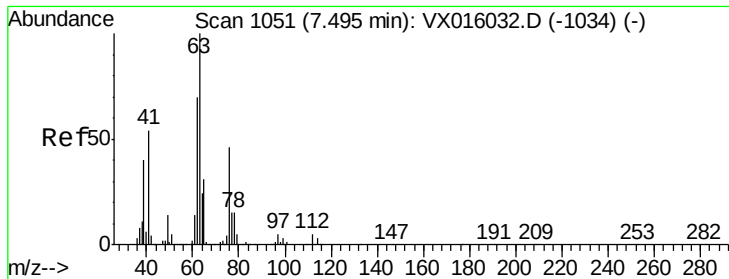
MMDadoda
5/15/2020 10:10:34 AM



#44
Trichloroethene
Concen: 17.264 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	197.4





#45

1,2-Dichloropropane

Concen: 19.914 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 63 Resp: 51599

Ion Ratio Lower Upper

63 100

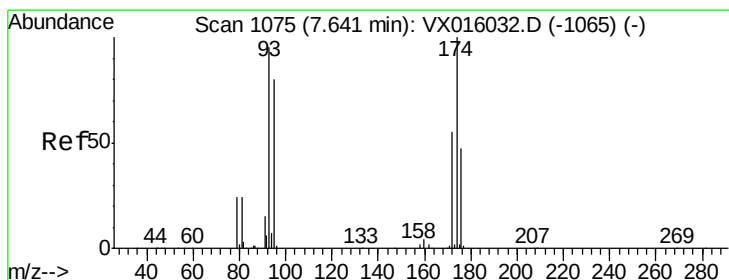
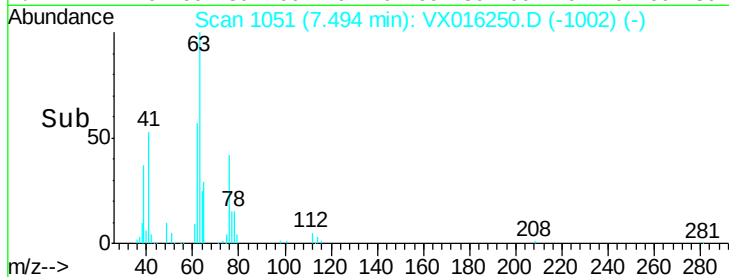
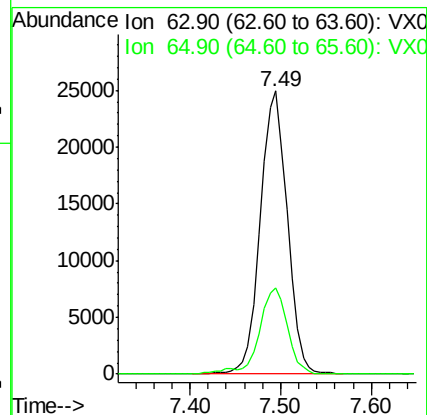
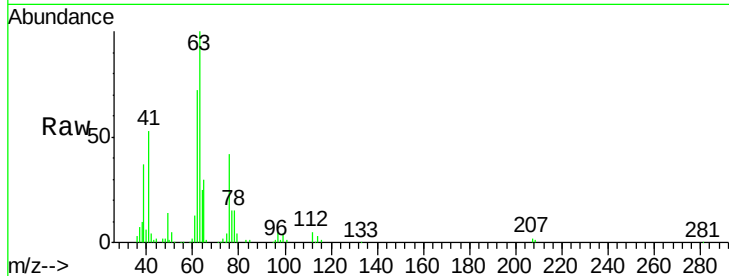
65 30.5 24.4 36.6

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#46

Dibromomethane

Concen: 19.759 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

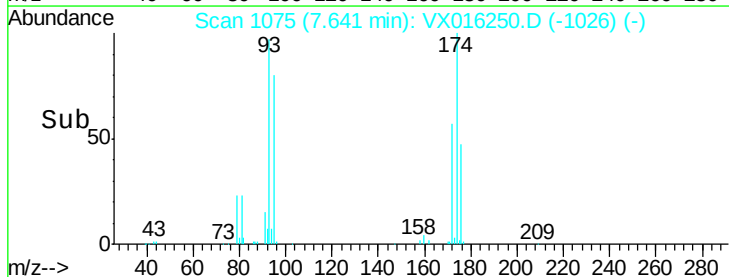
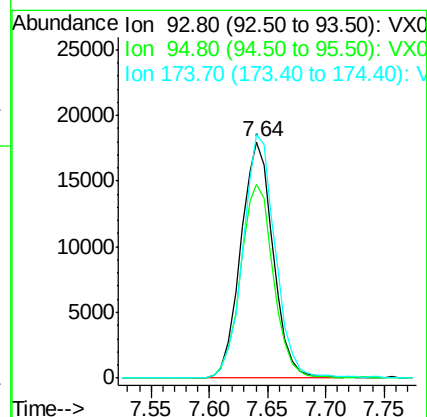
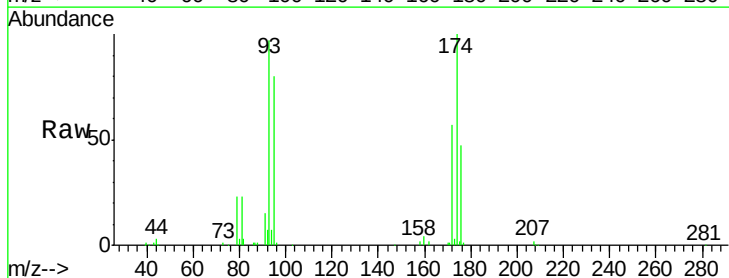
Tgt Ion: 93 Resp: 34793

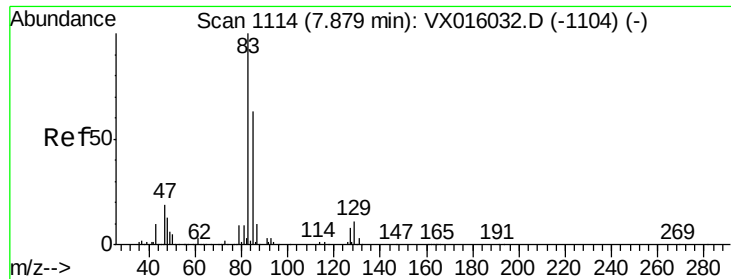
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 103.1 84.2 126.4





#47

Bromodichloromethane

Concen: 19.158 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

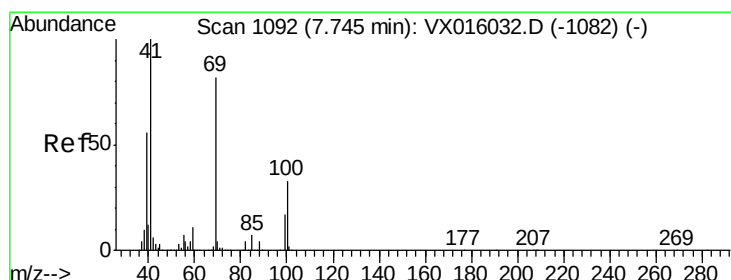
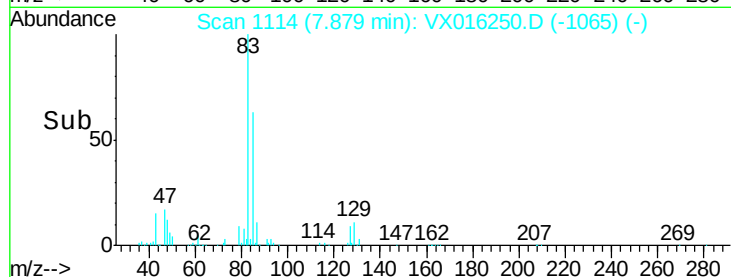
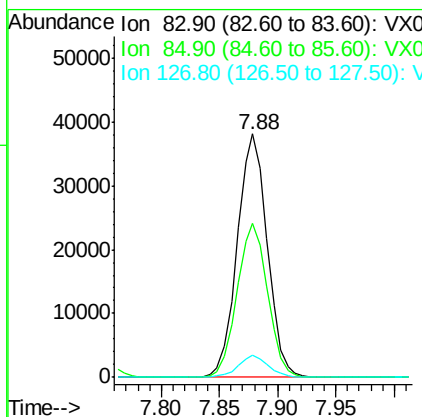
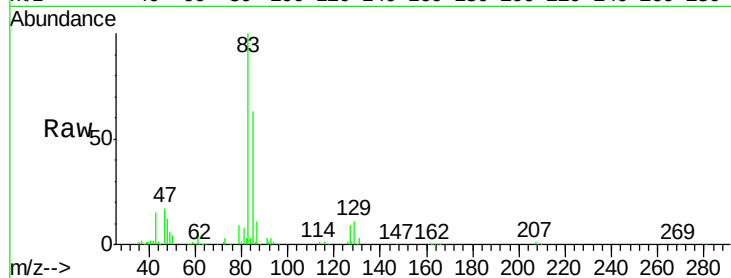
ClientSampleId :

VX0514WBS02

Tot Ion:	83	Resp:	68707
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7
127	9.0	6.7	10.1

Manual Integrations
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5/15/2020 10:10:34 AM



#48

Methyl methacrylate

Concen: 19.096 ug/l

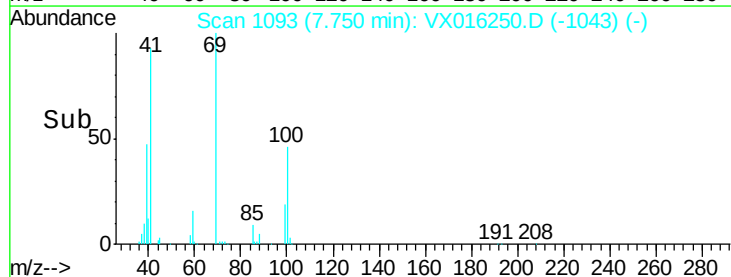
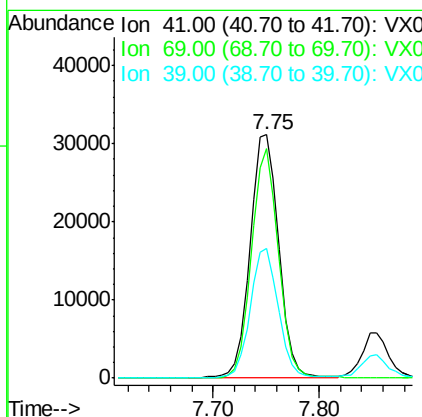
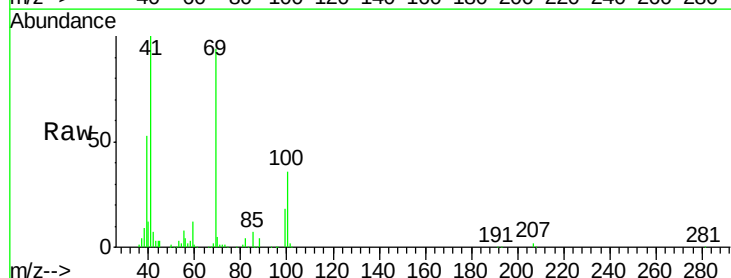
RT: 7.75 min Scan# 1093

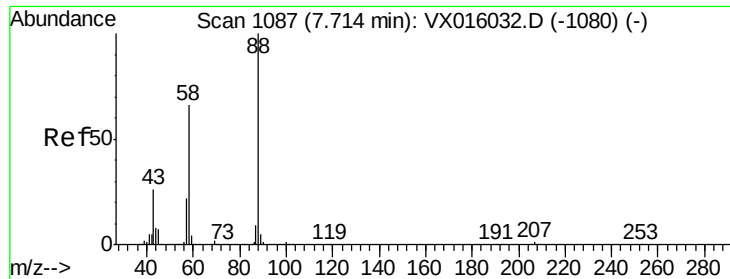
Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion:	41	Resp:	58563
Ion	Ratio	Lower	Upper
41	100		
69	90.0	67.8	101.6
39	52.5	44.6	67.0





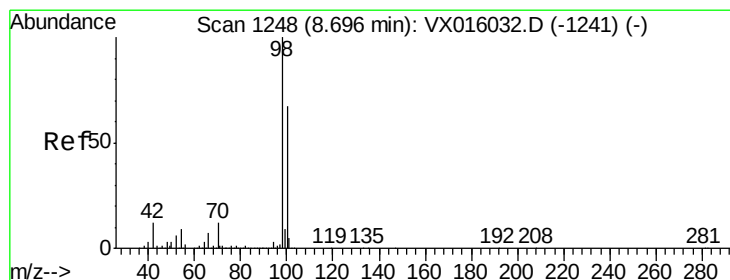
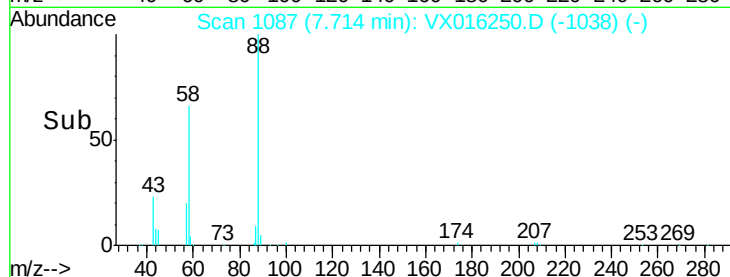
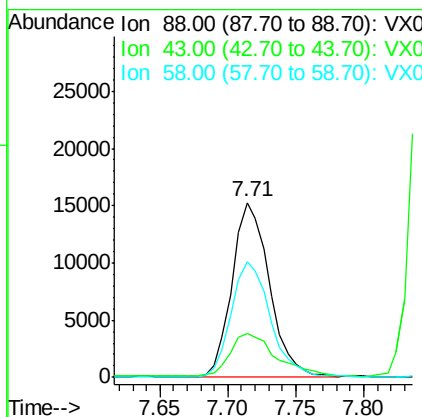
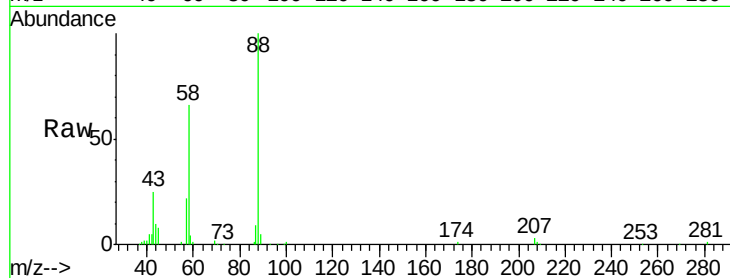
#49
1,4-Dioxane
Concen: 398.874 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	69.8	55.9	83.9

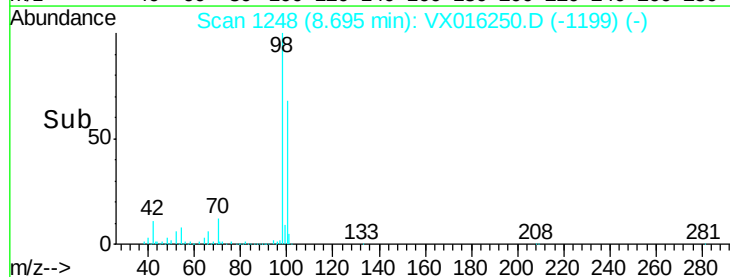
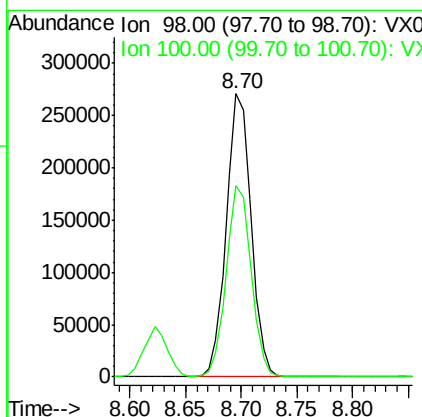
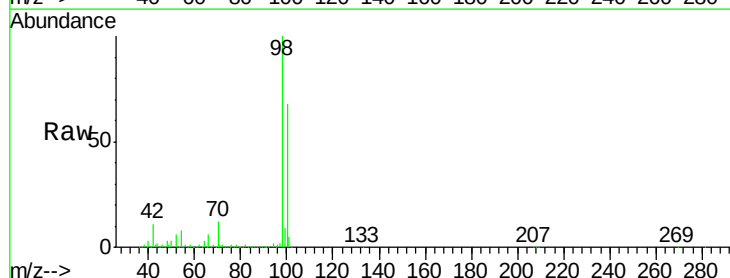
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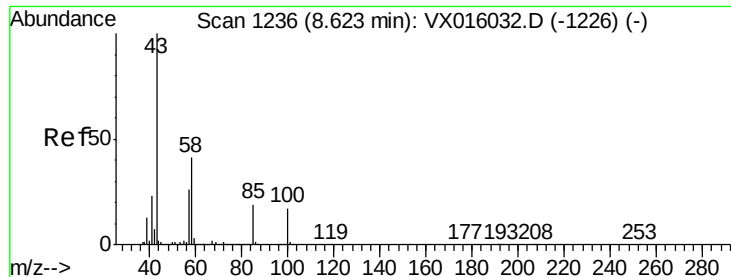
MMDadoda
5/15/2020 10:10:34 AM



#50
Toluene-d8
Concen: 48.232 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 104.140 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0514WBS02

Tot Ion: 43 Resp: 412453

Ion Ratio Lower Upper

43 100

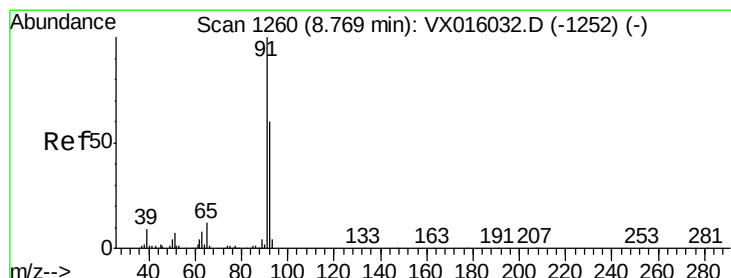
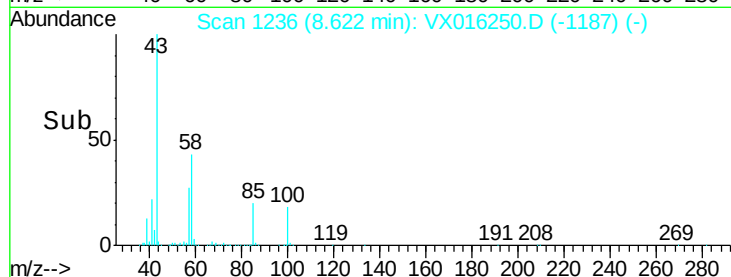
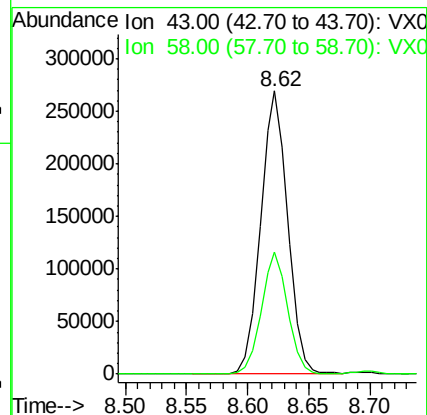
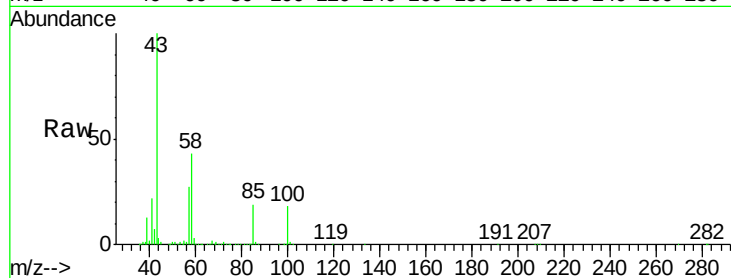
58 42.2 33.0 49.4

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#52

Toluene

Concen: 19.077 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016250.D

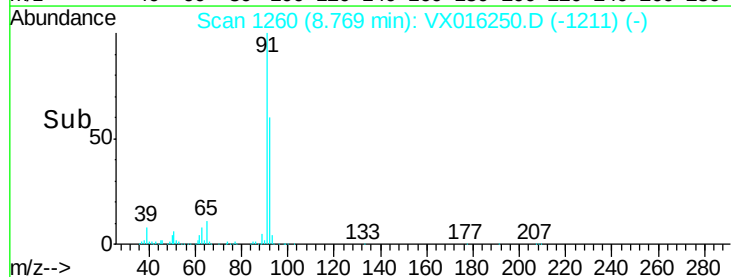
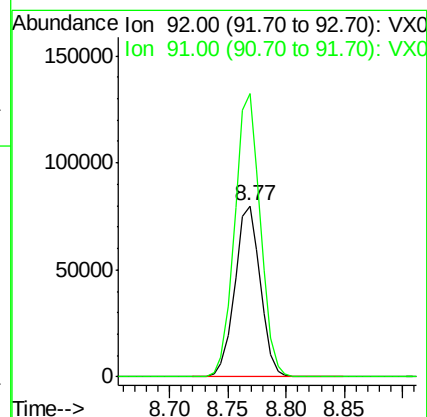
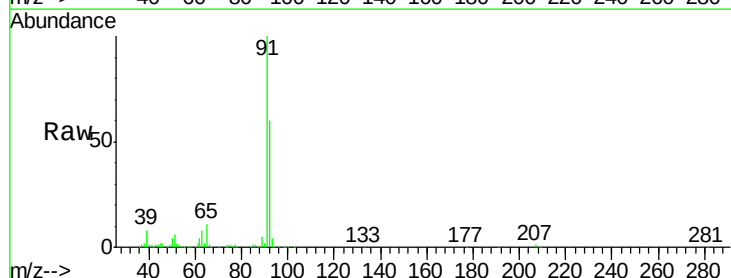
Acq: 14 May 2020 23:34

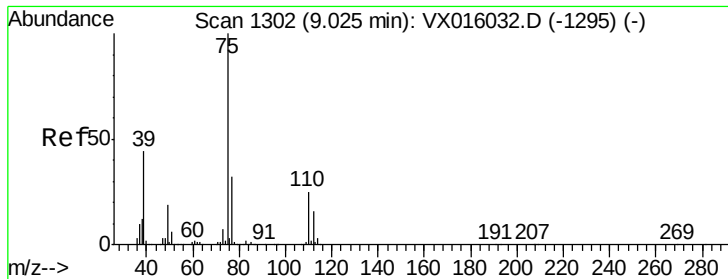
Tgt Ion: 92 Resp: 121769

Ion Ratio Lower Upper

92 100

91 166.4 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 18.382 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 75 Resp: 78600

Ion Ratio Lower Upper

75 100

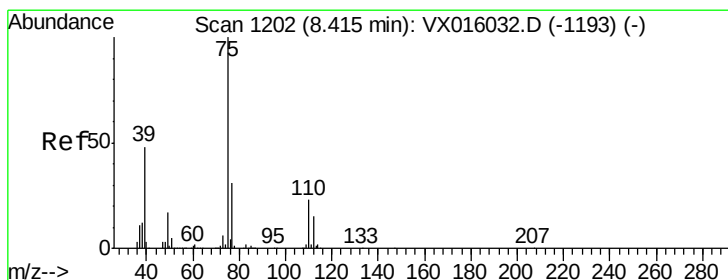
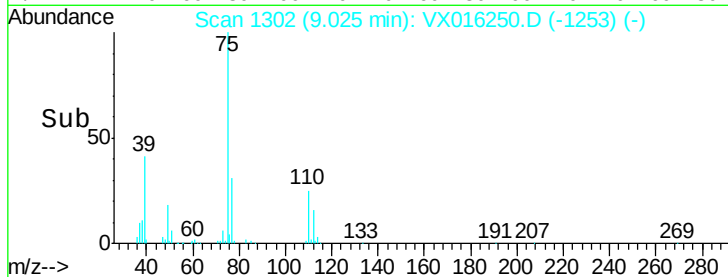
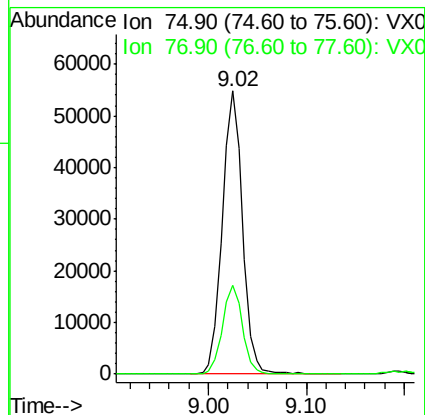
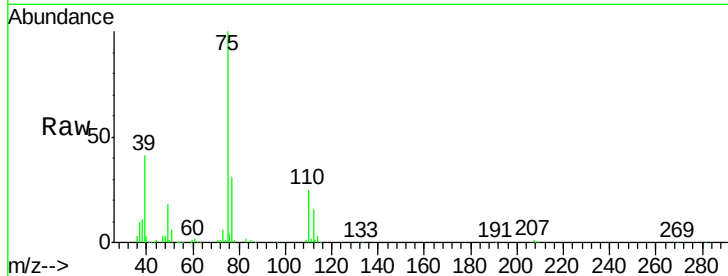
77 31.4 25.7 38.5

Manual Integrations

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5/15/2020 10:10:34 AM



#54

cis-1,3-Dichloropropene

Concen: 18.726 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

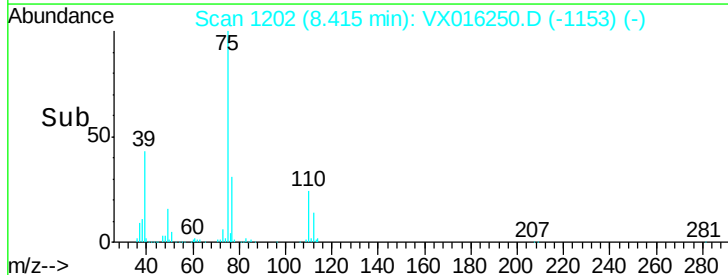
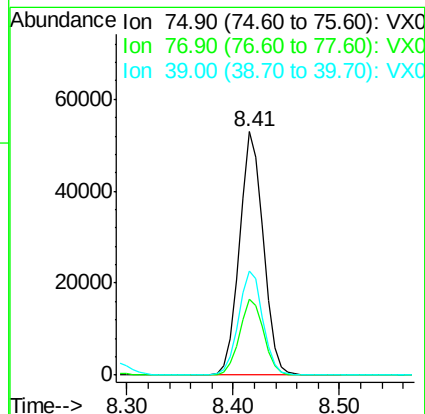
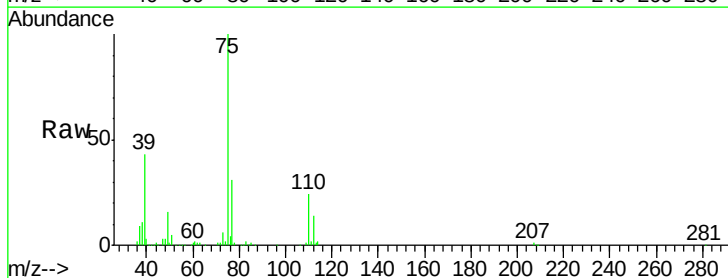
Tgt Ion: 75 Resp: 83637

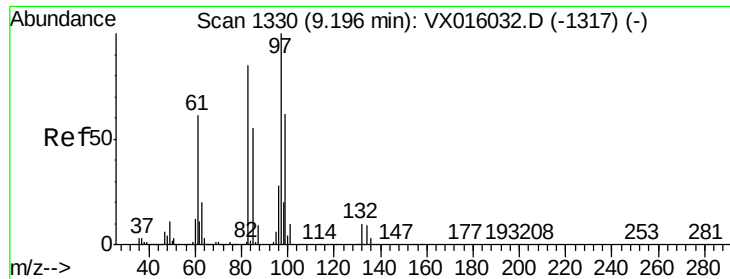
Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1

39 42.9 38.7 58.1





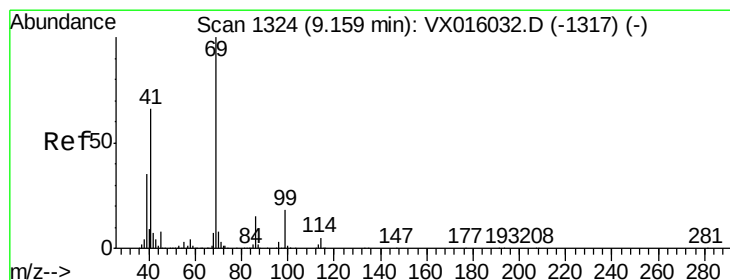
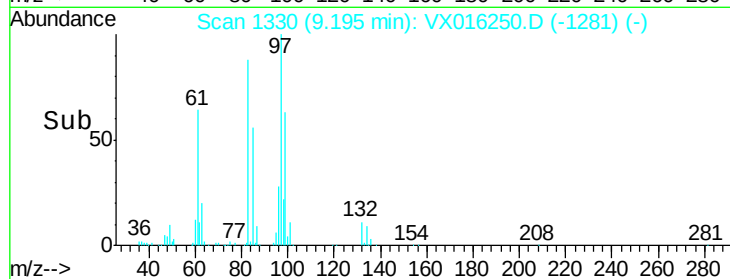
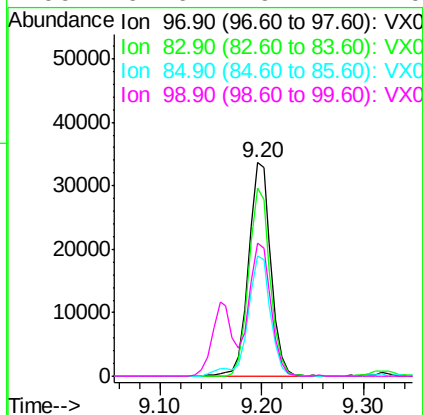
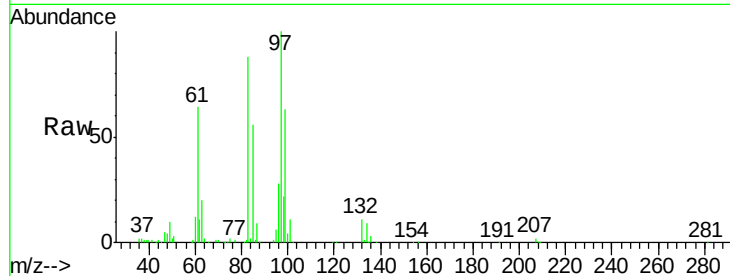
#55
 1,1,2-Trichloroethane
 Concen: 20.407 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		51249		
83	88.2	67.8	101.8		
85	56.2	43.8	65.8		
99	62.6	49.4	74.0		

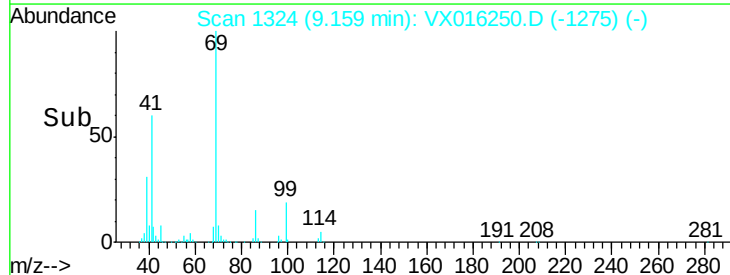
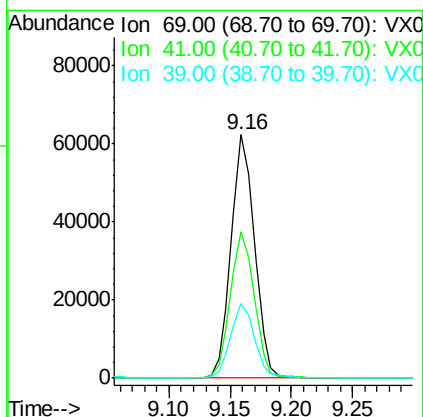
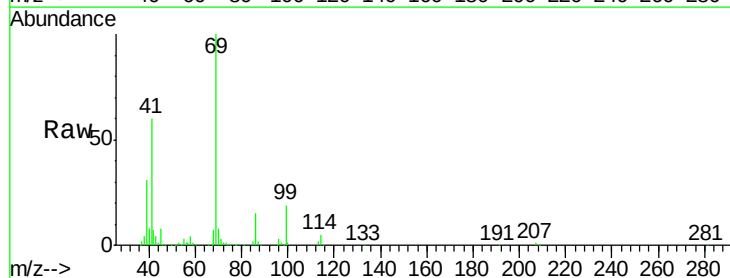
Manual Integrations
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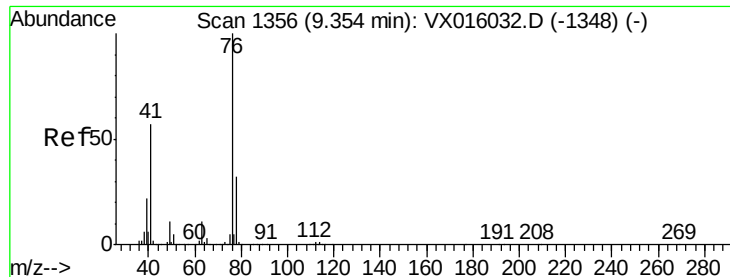
MMDadoda
 5/15/2020 10:10:34 AM



#56
 Ethyl methacrylate
 Concen: 20.187 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		82752		
41	60.7	52.2	78.4		
39	31.1	28.2	42.4		





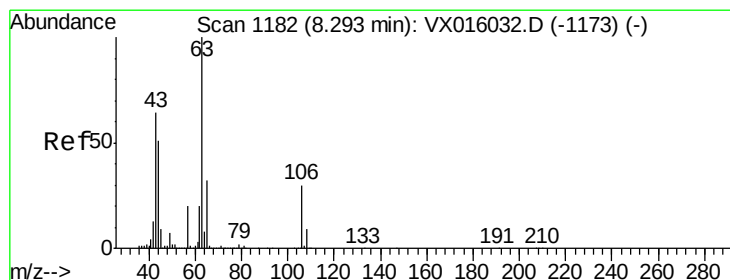
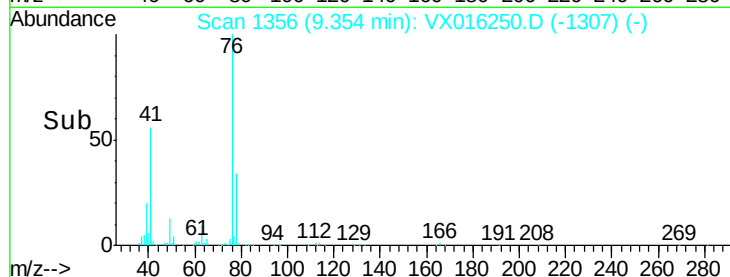
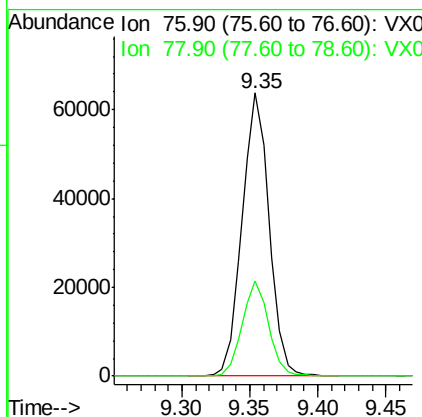
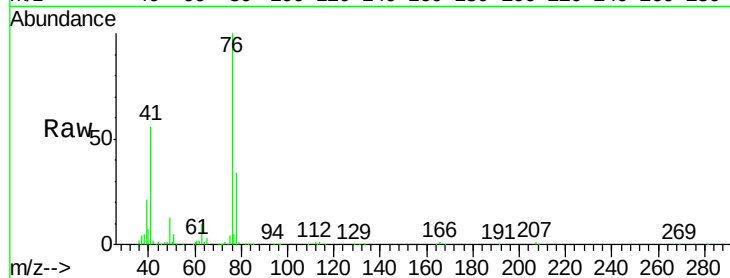
#57
 1,3-Dichloropropane
 Concen: 20.217 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.9	38.9

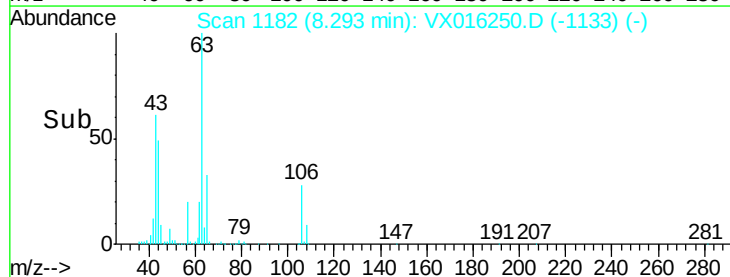
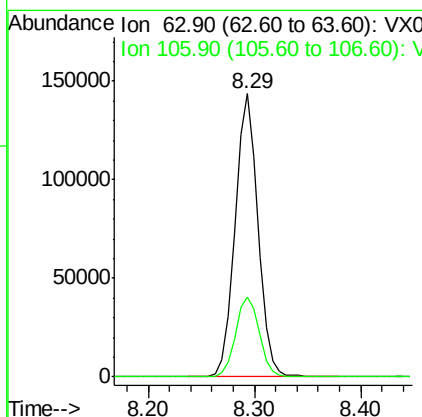
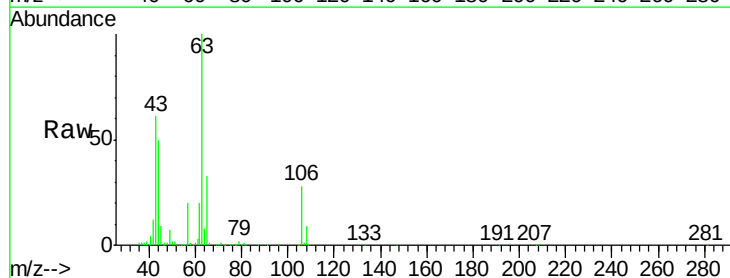
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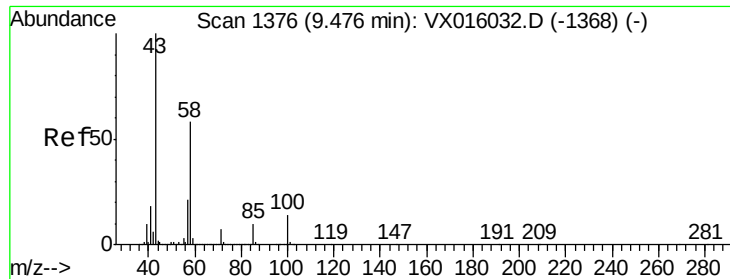
MMDadoda
 5/15/2020 10:10:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.560 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.4	35.2





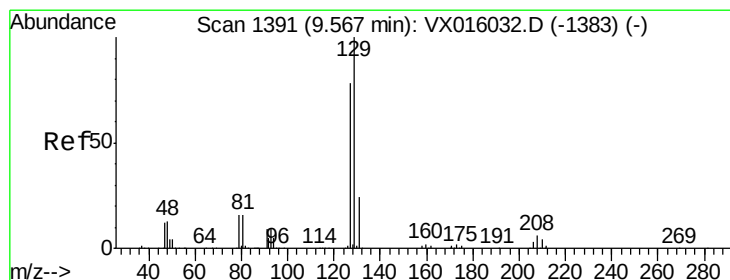
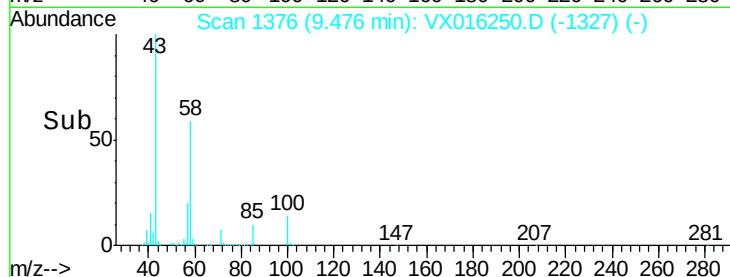
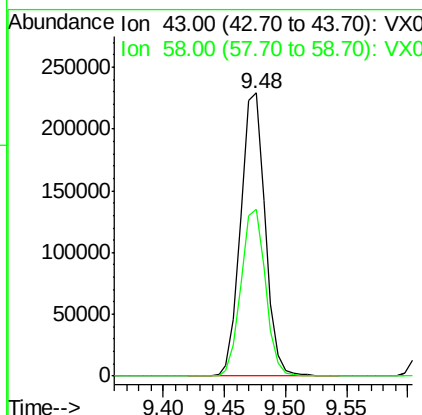
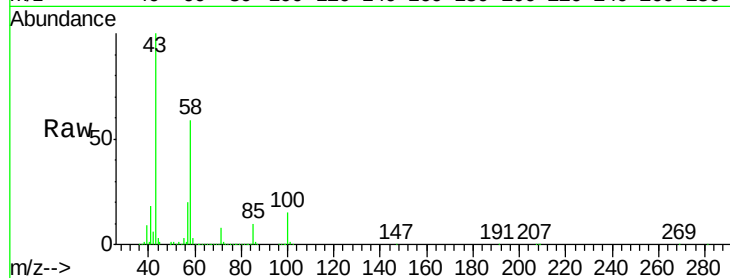
#59
2-Hexanone
Concen: 101.716 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.3	28.6	85.9

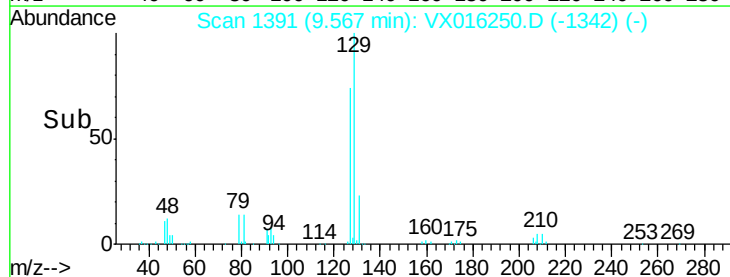
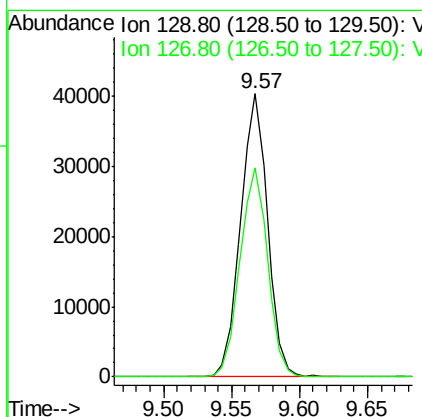
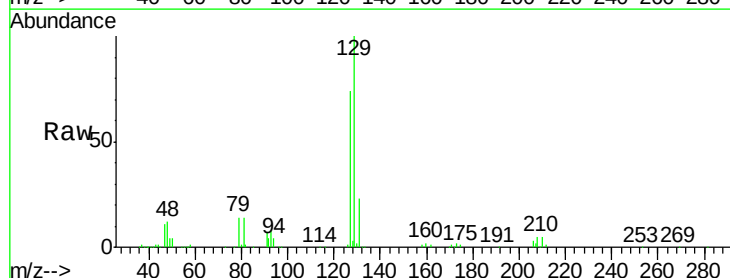
Manual Integrations
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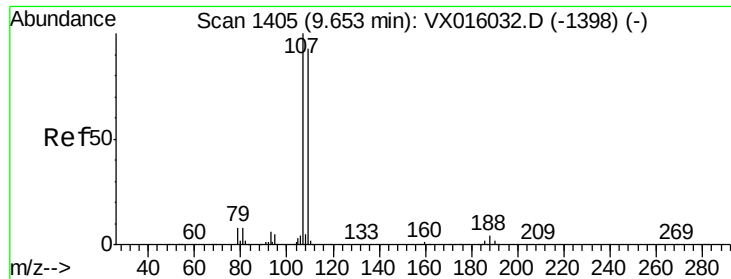
MMDadoda
5/15/2020 10:10:34 AM



#60
Dibromochloromethane
Concen: 20.219 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.9	38.4	115.2





#61

1,2-Dibromoethane

Concen: 19.865 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0514WBS02

Tot Ion: 107 Resp: 54036

Ion Ratio Lower Upper

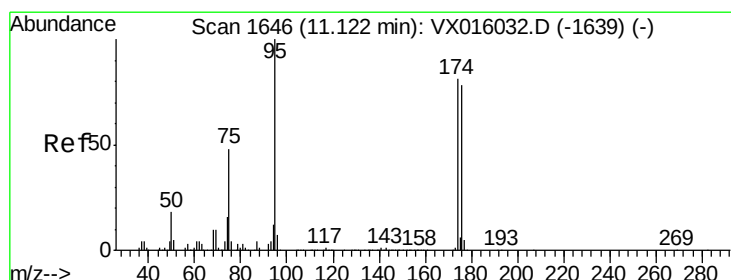
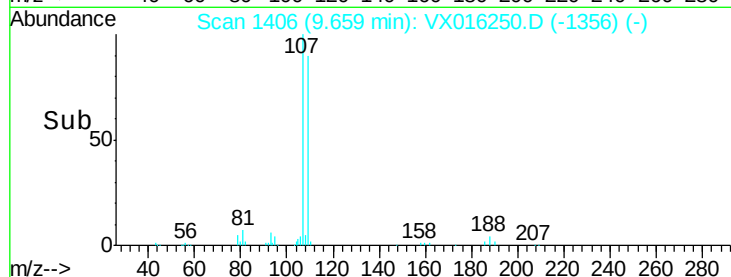
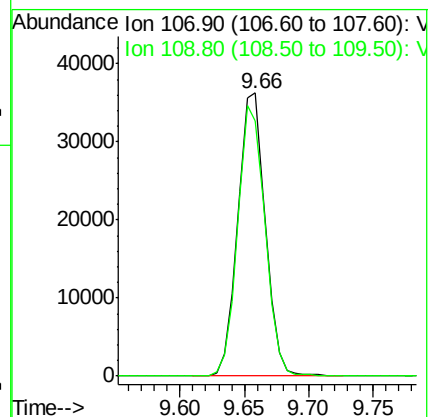
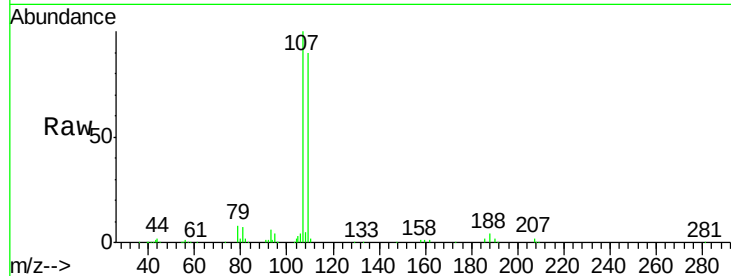
107 100

109 95.2 74.9 112.3

Manual Integrations
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MMDadoda

5/15/2020 10:10:34 AM



#62

4-Bromofluorobenzene

Concen: 49.391 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

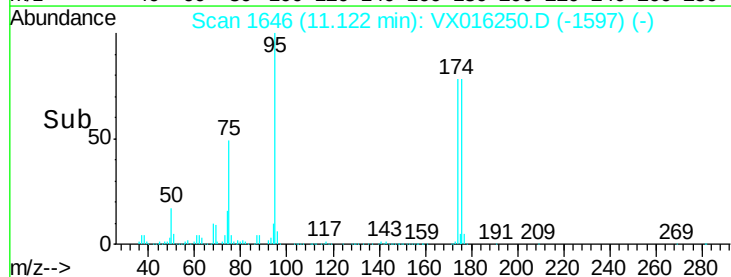
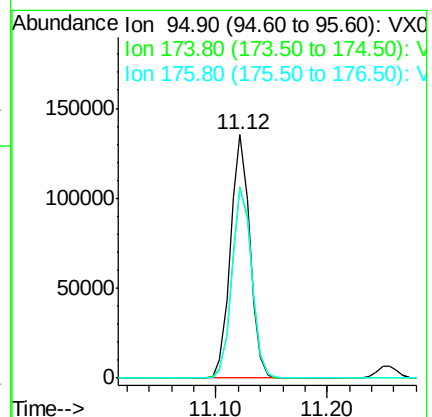
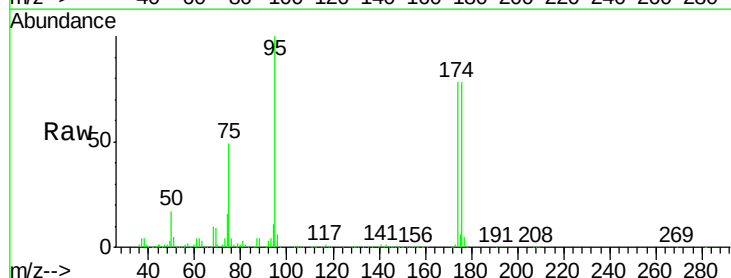
Tgt Ion: 95 Resp: 163046

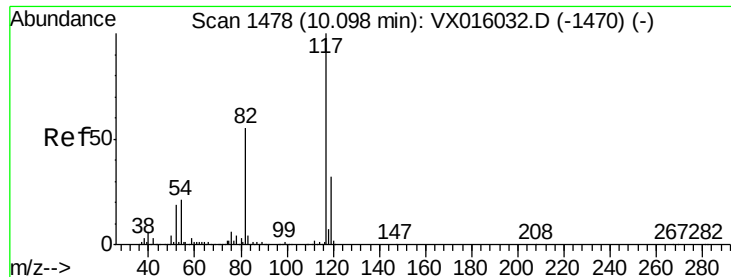
Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.4

176 79.6 0.0 157.6





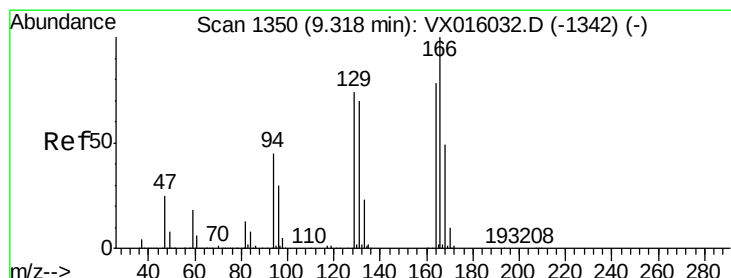
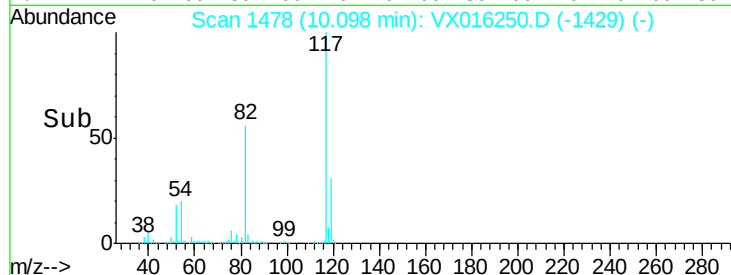
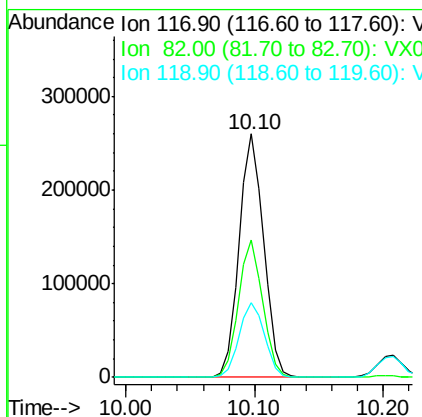
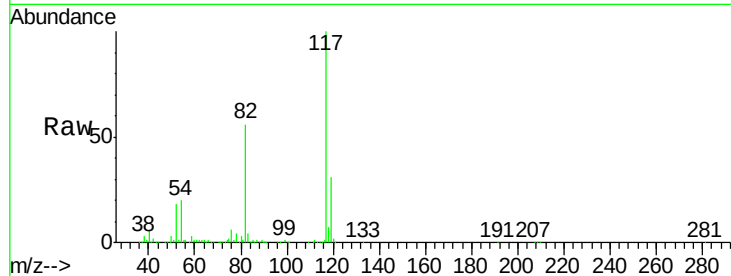
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	342721		
82	56.3	44.4	66.6	
119	30.7	25.5	38.3	

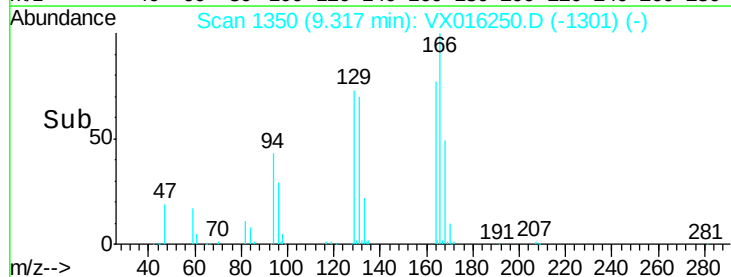
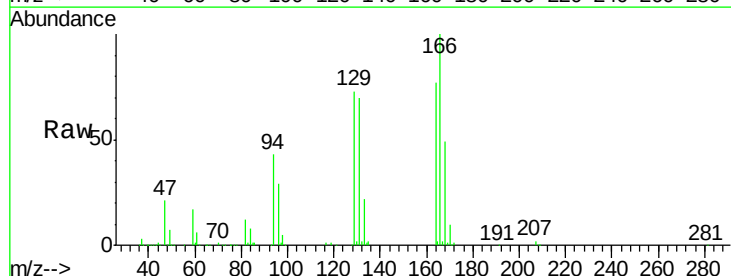
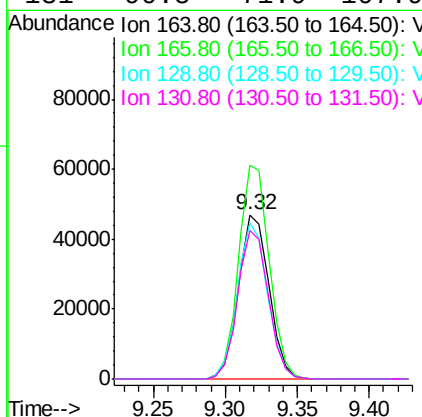
Manual Integrations
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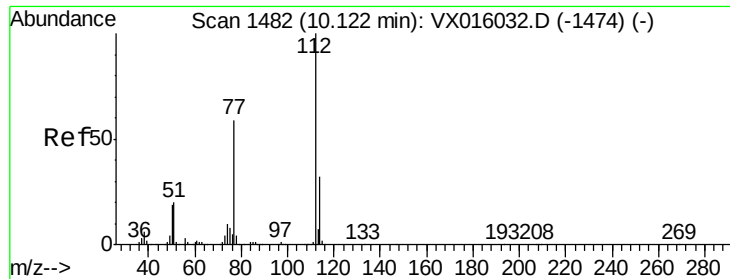
MMDadoda
5/15/2020 10:10:34 AM



#64
Tetrachloroethene
Concen: 16.472 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69303		
166	130.1	102.9	154.3	
129	95.3	76.1	114.1	
131	90.5	71.9	107.9	





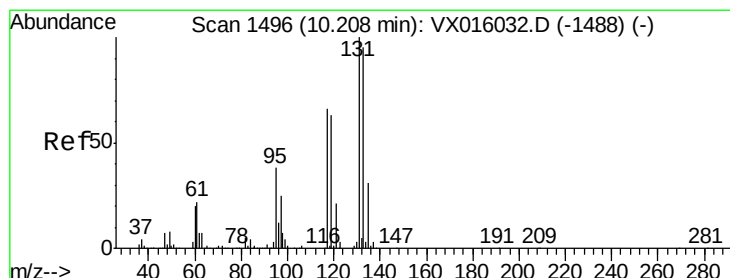
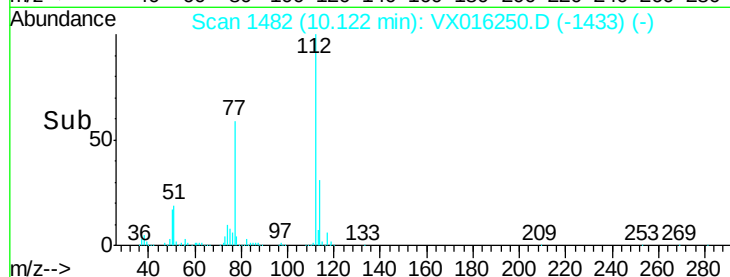
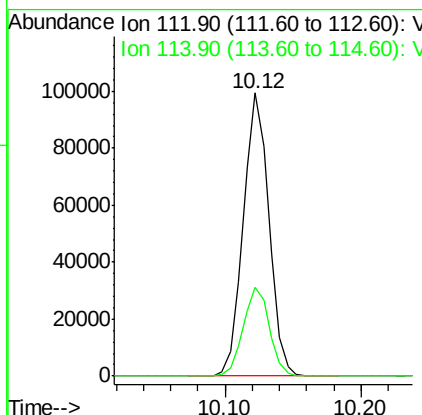
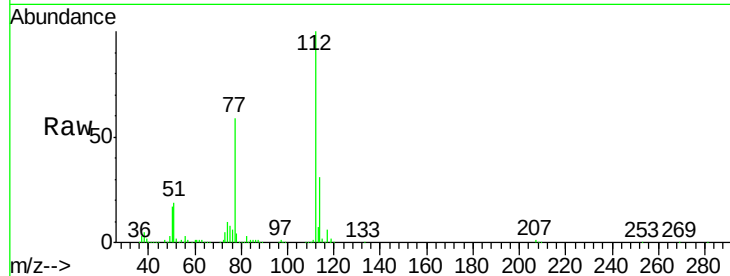
#65
Chlorobenzene
Concen: 18.286 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.7	38.5

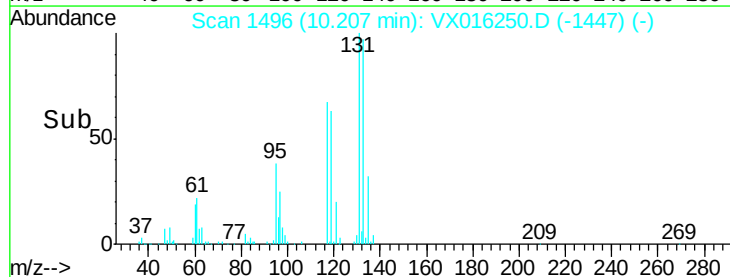
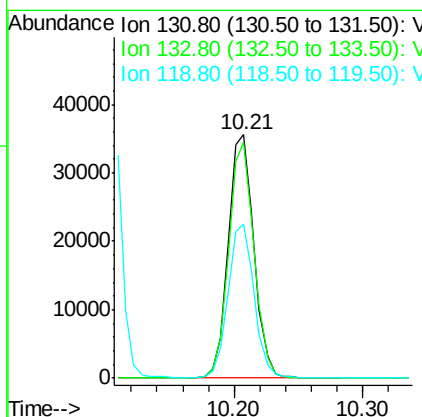
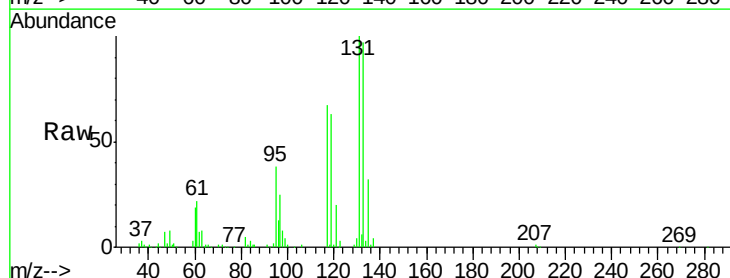
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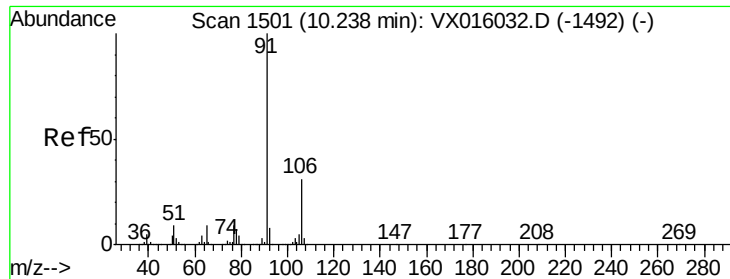
MMDadoda
5/15/2020 10:10:34 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.711 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.3	144.8
119	64.8	32.3	96.9





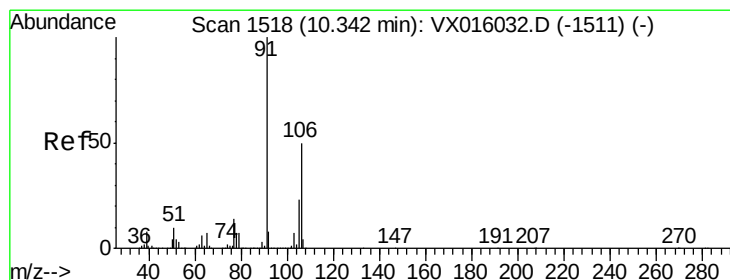
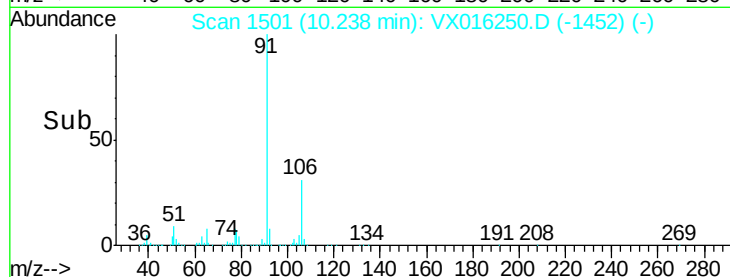
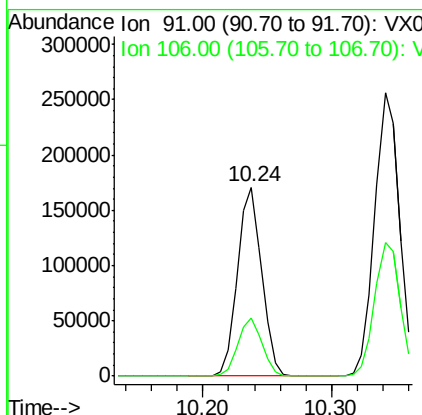
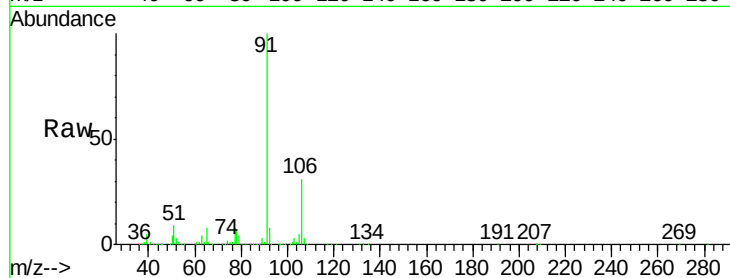
#67
Ethyl Benzene
Concen: 17.425 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0514WBS02

Tot Ion: 91 Resp: 223110
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7

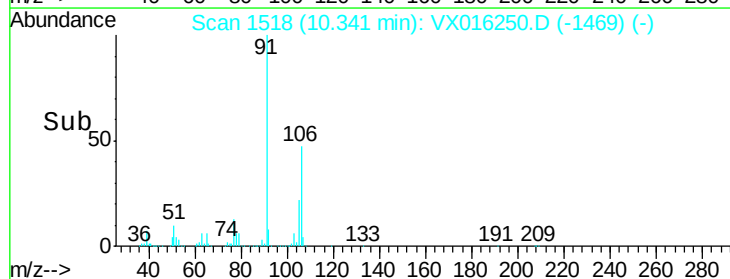
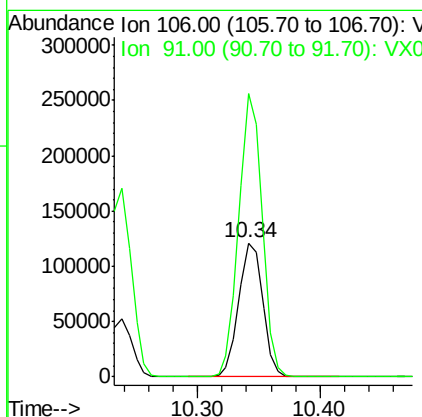
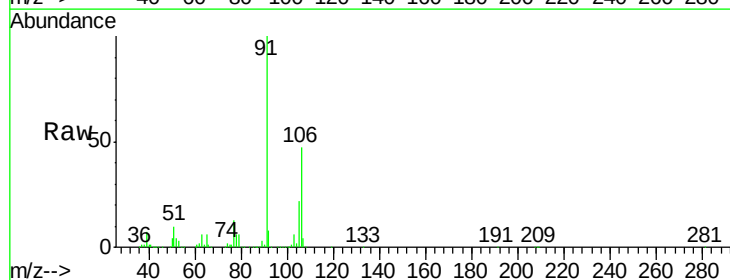
Manual Integrations
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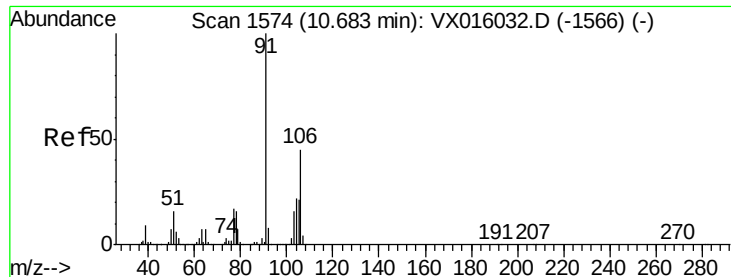
MMDadoda
5/15/2020 10:10:34 AM



#68
m/p-Xylenes
Concen: 34.444 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion: 106 Resp: 165237
Ion Ratio Lower Upper
106 100
91 205.5 161.7 242.5





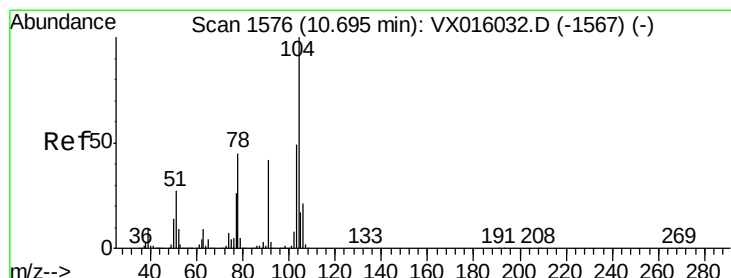
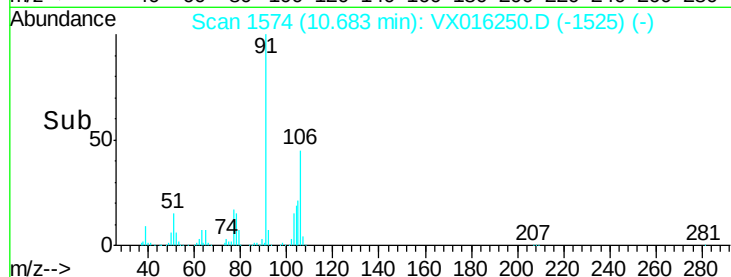
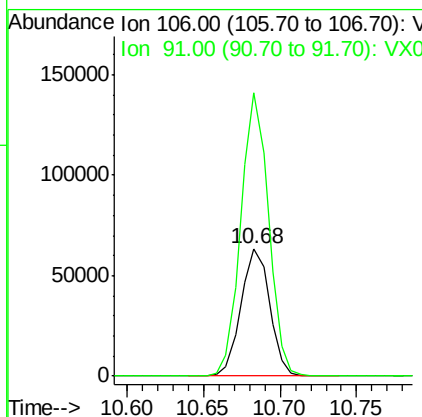
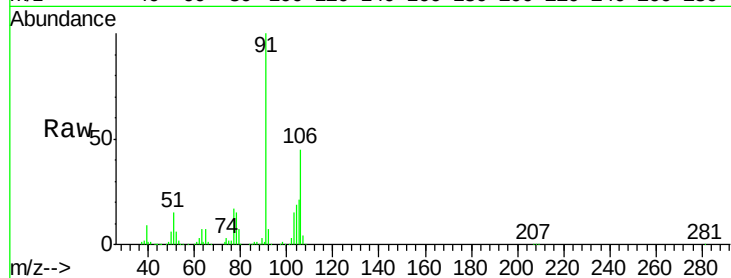
#69
o-Xylene
Concen: 17.908 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.0	107.5	322.6

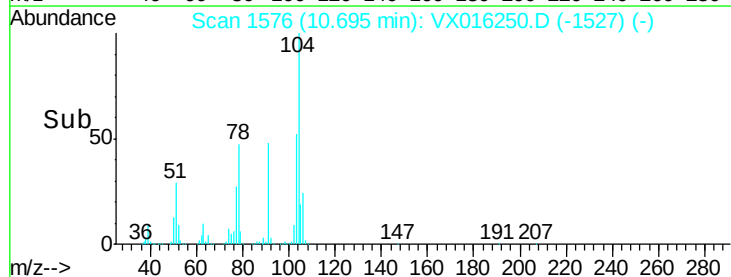
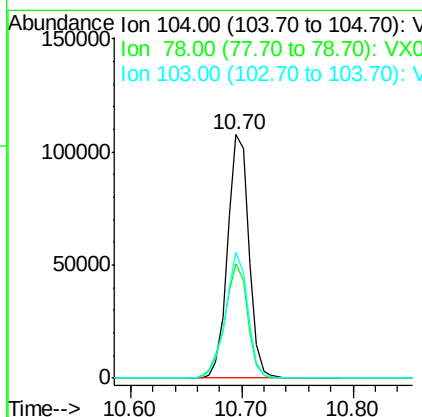
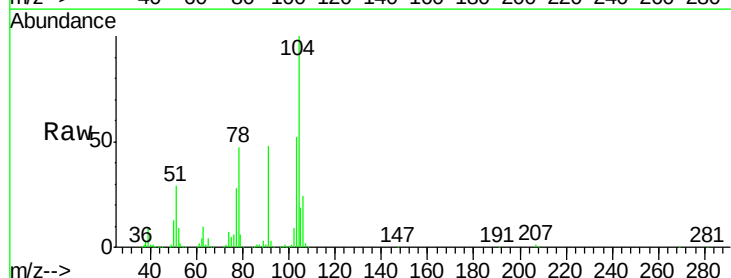
Manual Integrations
APPROVED

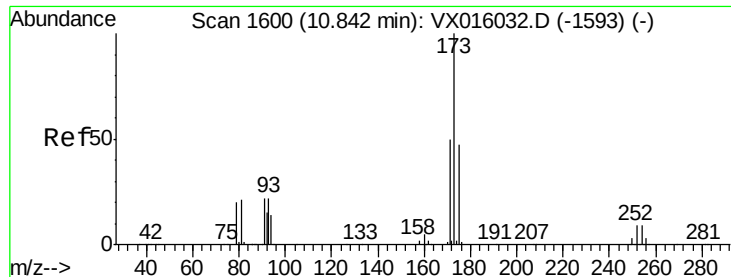
MMDadoda
5/15/2020 10:10:34 AM



#70
Styrene
Concen: 18.195 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.2	60.2
103	54.1	43.0	64.6





#71

Bromoform

Concen: 18.973 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

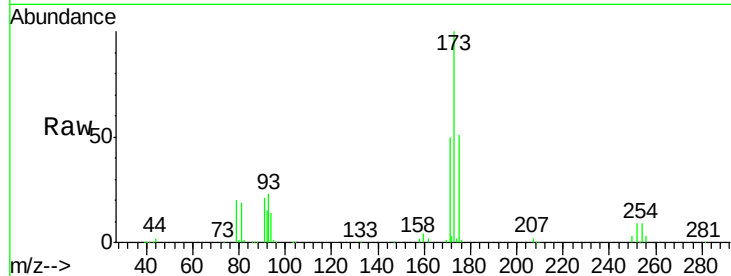
ClientSampleId :

VX0514WBS02

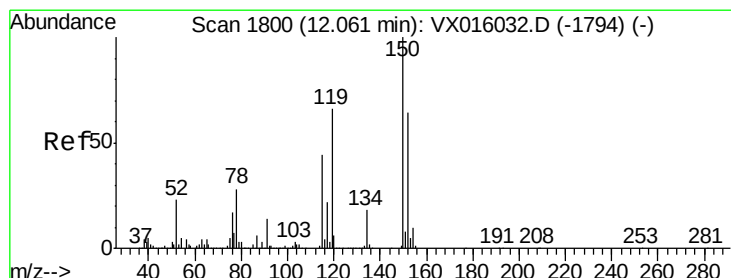
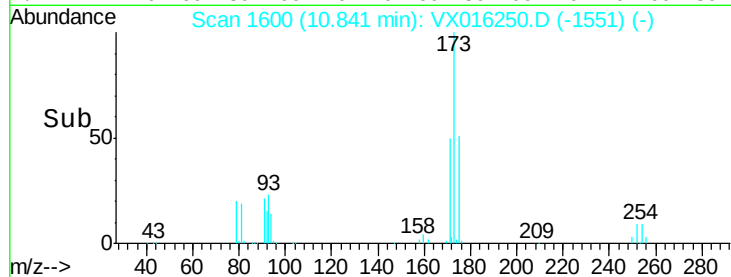
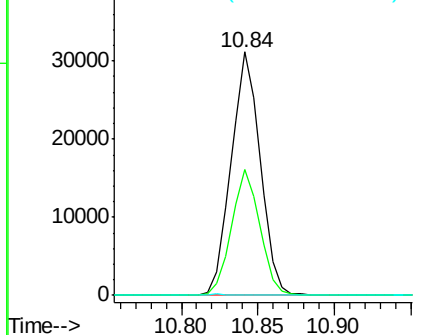
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.0	72.0
254	0.2	0.1	0.1

Manual Integrations
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MMDadoda
5/15/2020 10:10:34 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

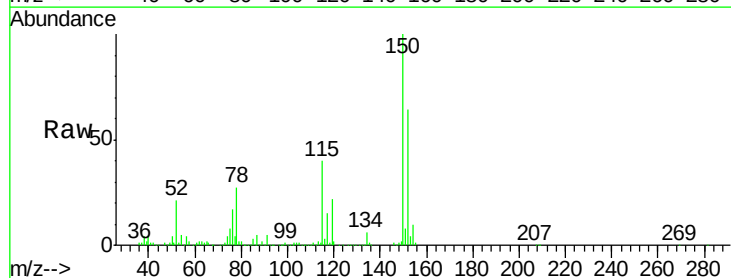
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

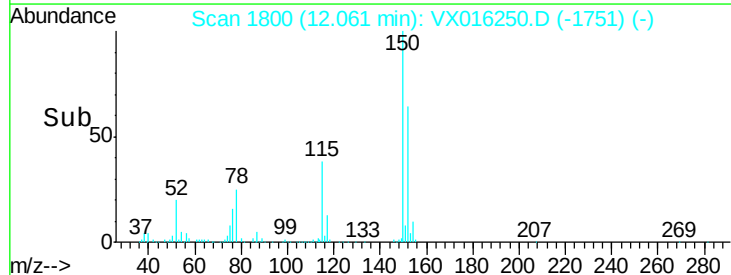
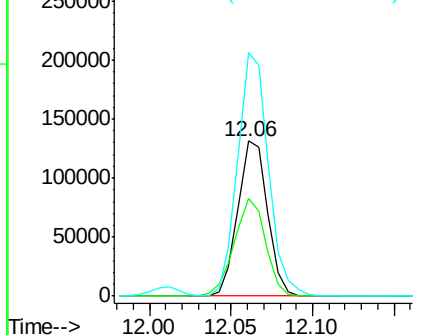
Lab File: VX016250.D

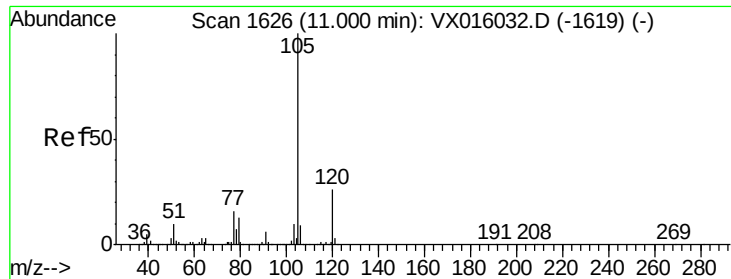
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	41.3	124.1
150	162.7	0.0	352.2



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





#73

Isopropylbenzene

Concen: 16.862 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tot Ion: 105 Resp: 205097

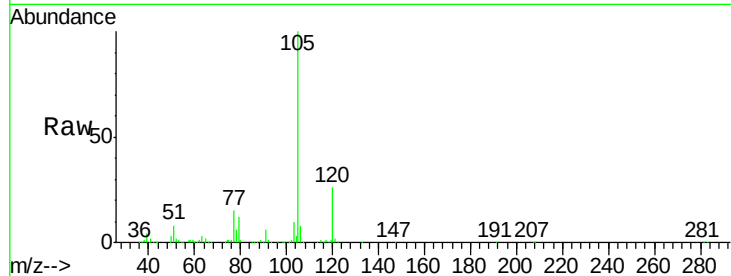
Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.2

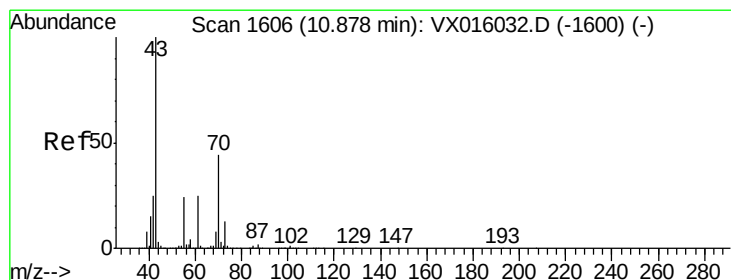
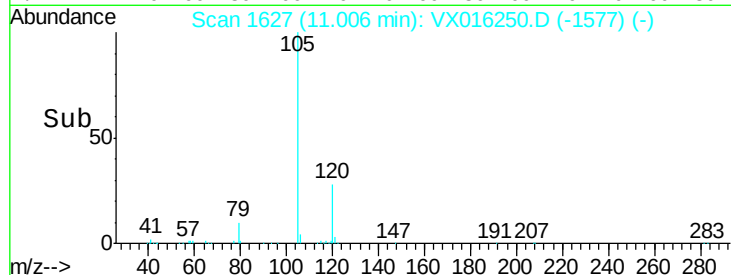
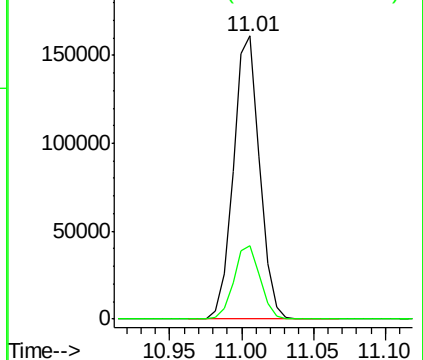
Manual Integrations
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5/15/2020 10:10:34 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.043 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion: 43 Resp: 102363

Ion Ratio Lower Upper

43 100

70 47.7 36.5 54.7

55 26.6 19.7 29.5

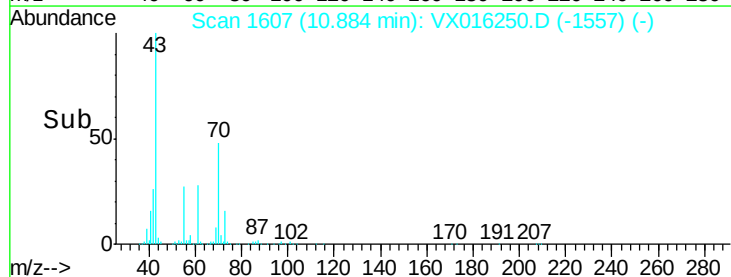
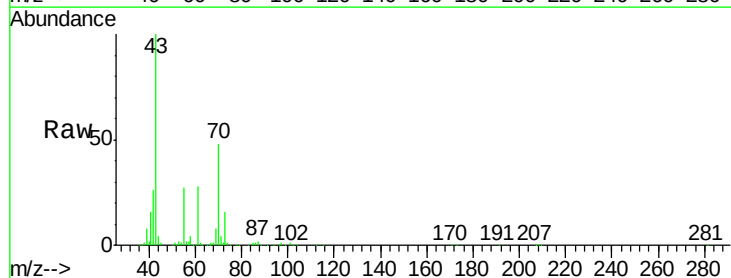
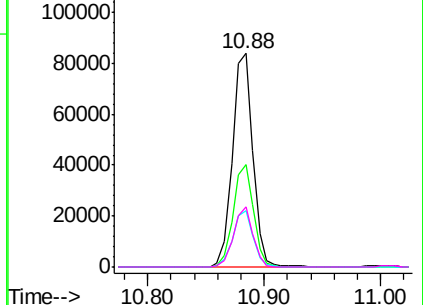
61 26.8 20.9 31.3

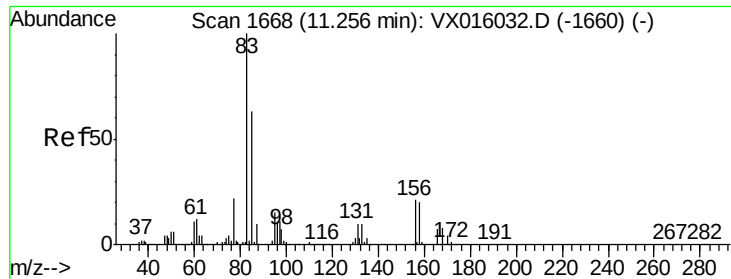
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.633 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

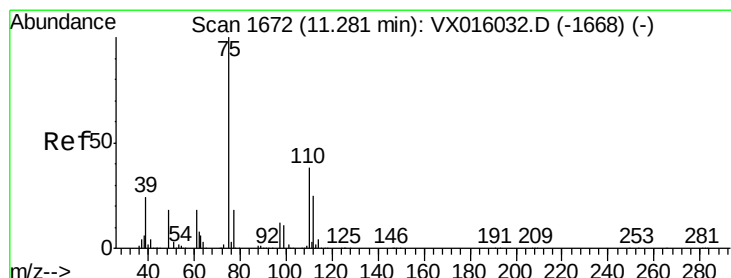
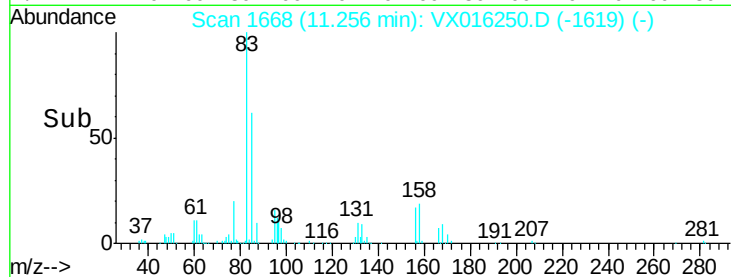
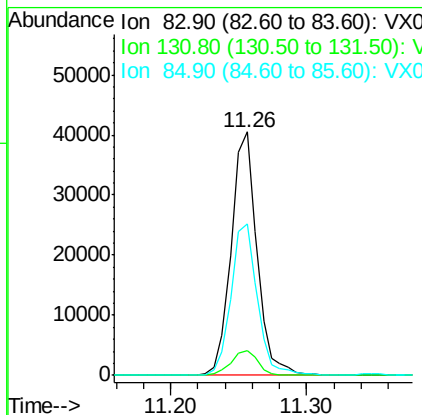
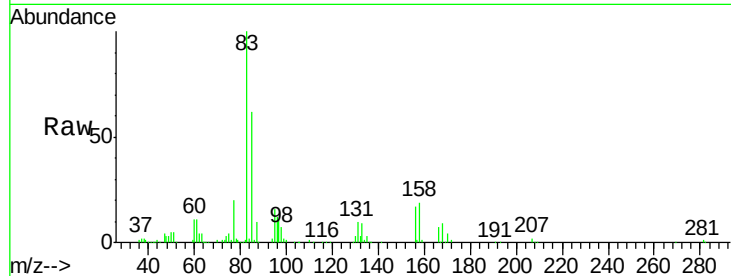
ClientSampleId :

VX0514WBS02

Tot Ion:	83	Resp:	53538
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	63.5	32.0	96.0

Manual Integrations
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MMDadoda
5/15/2020 10:10:34 AM



#76

1,2,3-Trichloropropane

Concen: 19.891 ug/l m

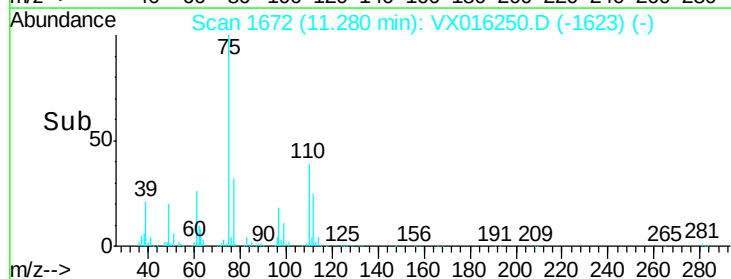
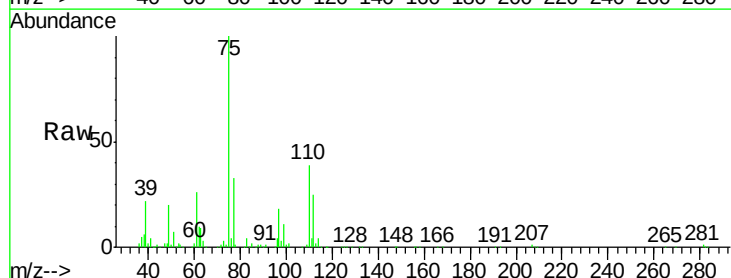
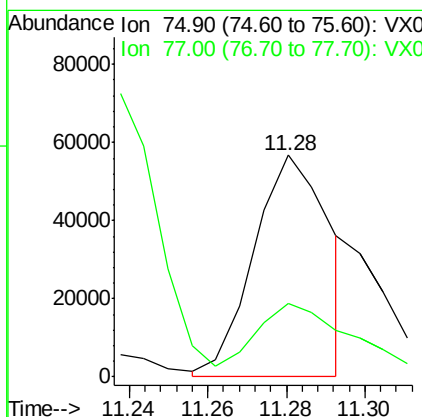
RT: 11.28 min Scan# 1672

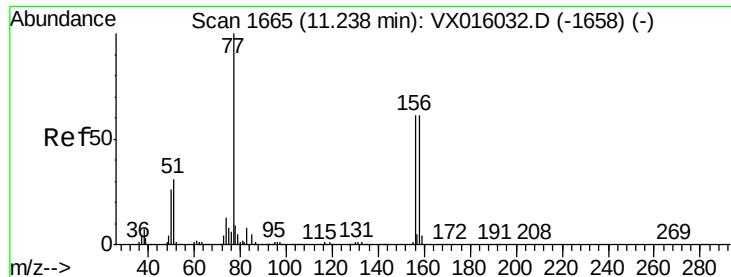
Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion:	75	Resp:	75480
Ion Ratio	Lower	Upper	
75	100		
77	43.2	21.2	63.6





#77

Bromobenzene

Concen: 18.692 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

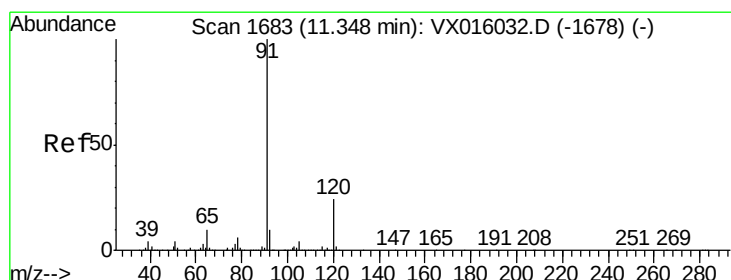
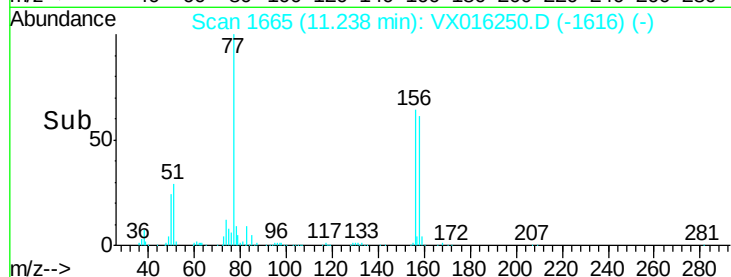
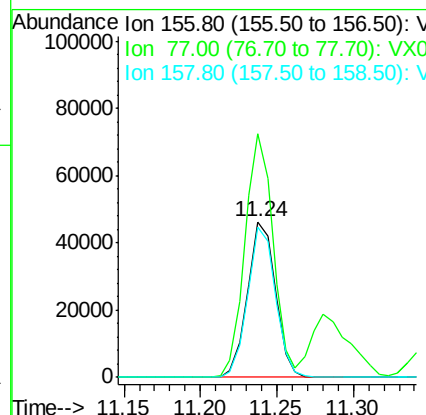
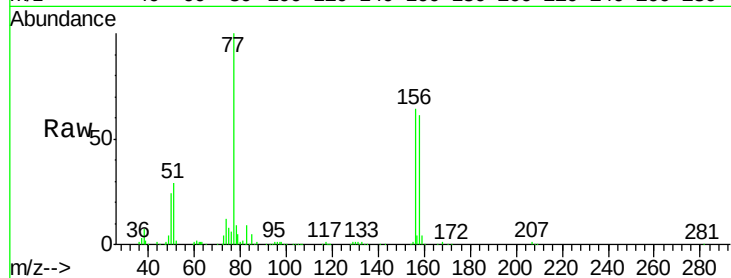
ClientSampleId :

VX0514WBS02

Tot Ion:	156	Resp:	58682
Ion Ratio	Lower	Upper	
156	100		
77	157.7	80.1	240.3
158	96.4	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 16.373 ug/l

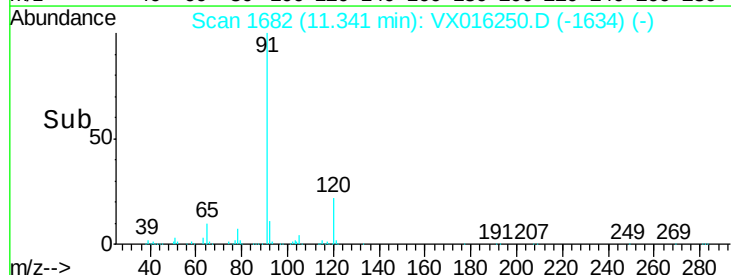
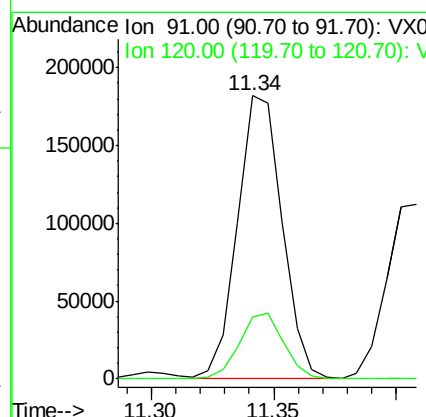
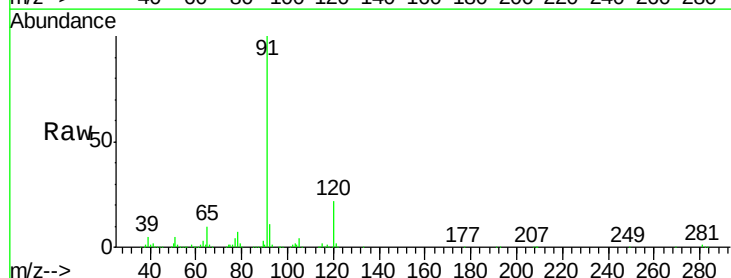
RT: 11.34 min Scan# 1682

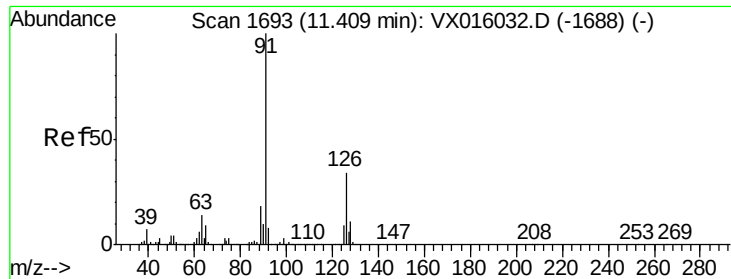
Delta R.T. -0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion:	91	Resp:	231669
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





#79

2-Chlorotoluene

Concen: 17.784 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0514WBS02

Tot Ion: 91 Resp: 148533

Ion Ratio Lower Upper

91 100

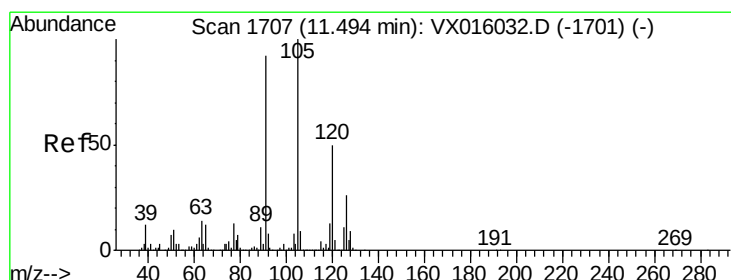
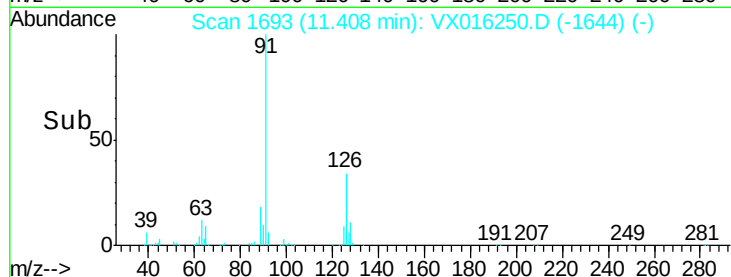
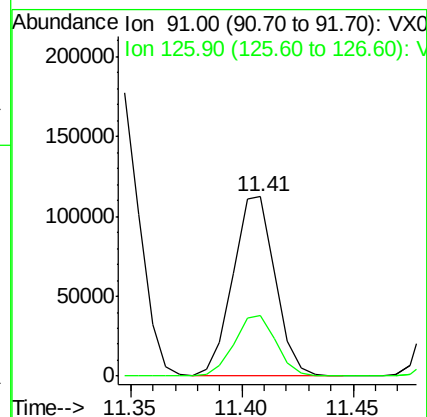
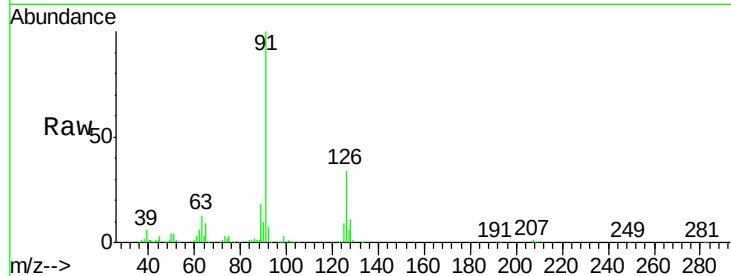
126 33.6 16.9 50.6

Manual Integrations

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5/15/2020 10:10:34 AM



#80

1,3,5-Trimethylbenzene

Concen: 16.929 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016250.D

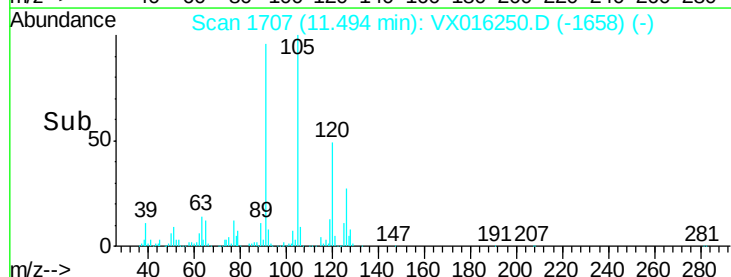
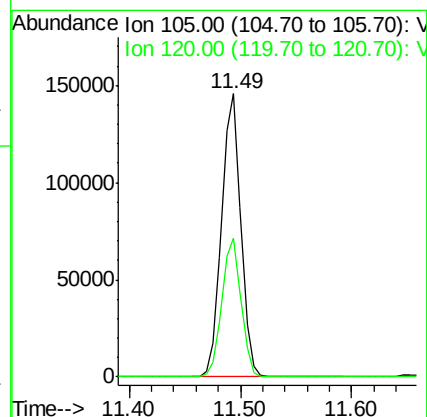
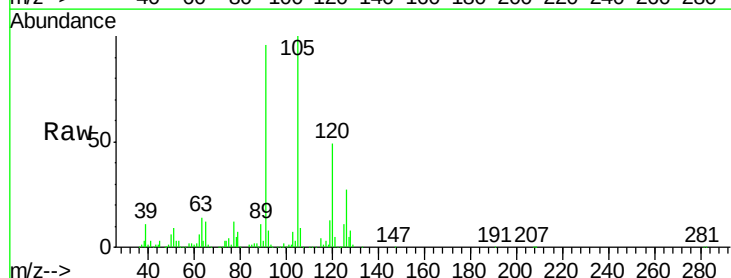
Acq: 14 May 2020 23:34

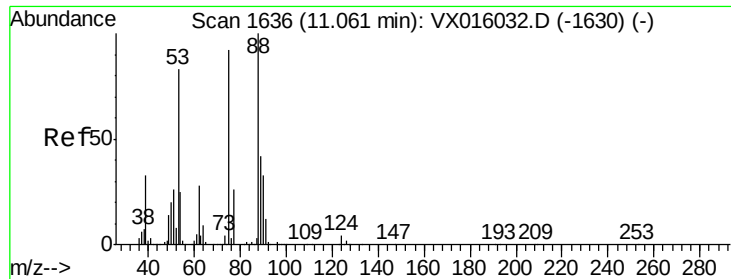
Tgt Ion: 105 Resp: 173849

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0





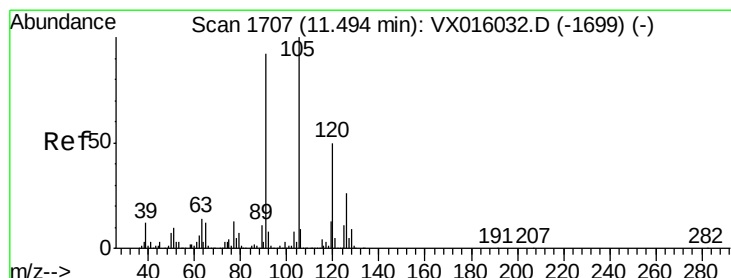
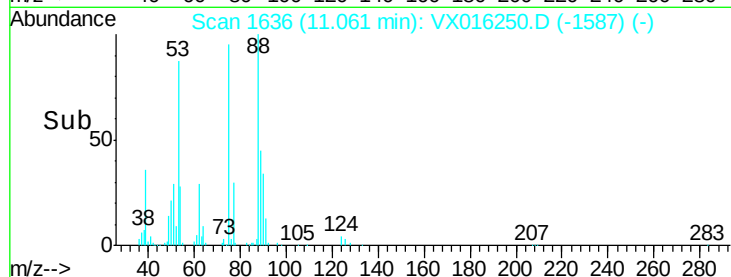
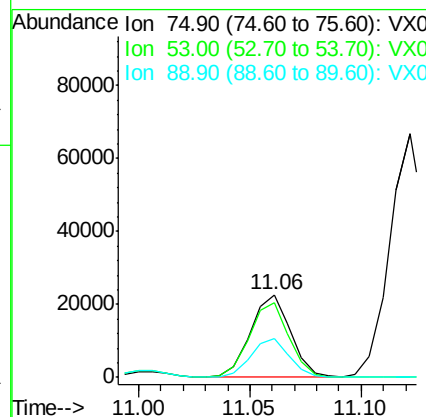
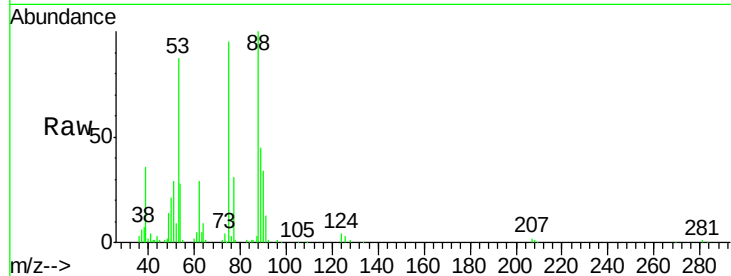
#81
trans-1,4-Dichloro-2-butene
Concen: 17.665 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.7	73.1	109.7
89	46.0	36.7	55.1

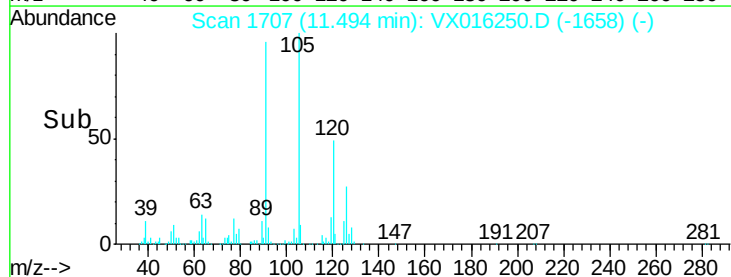
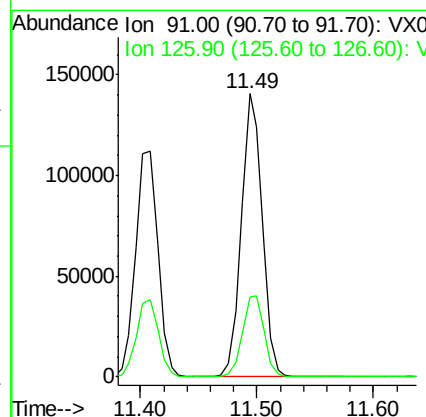
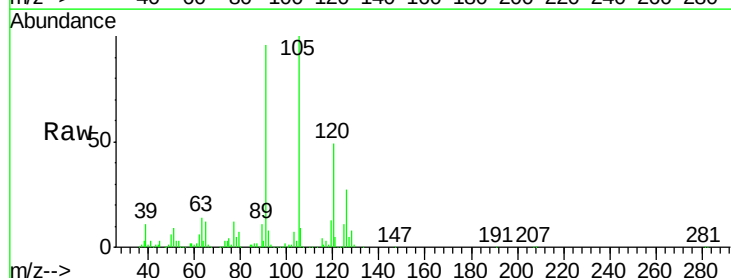
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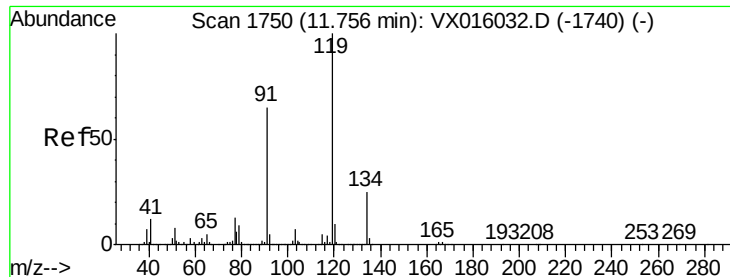
MMDadoda
5/15/2020 10:10:34 AM



#82
4-Chlorotoluene
Concen: 17.878 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.8	44.3





#83

tert-Butylbenzene

Concen: 16.210 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

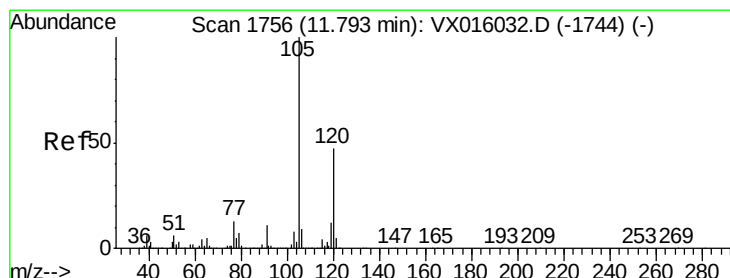
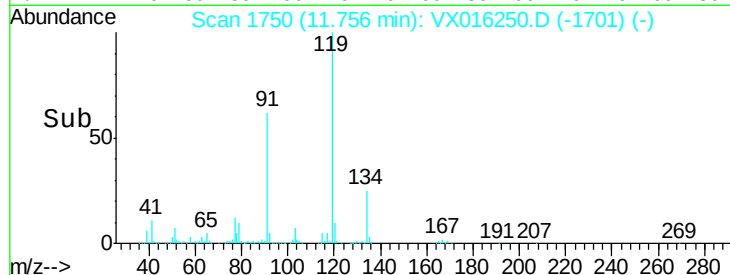
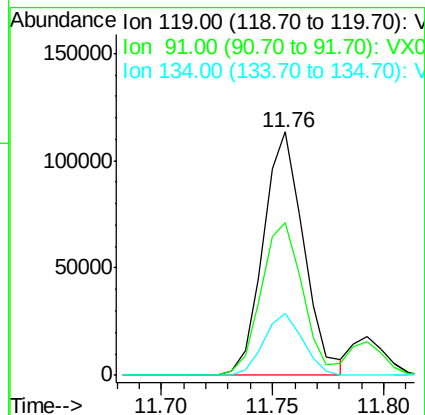
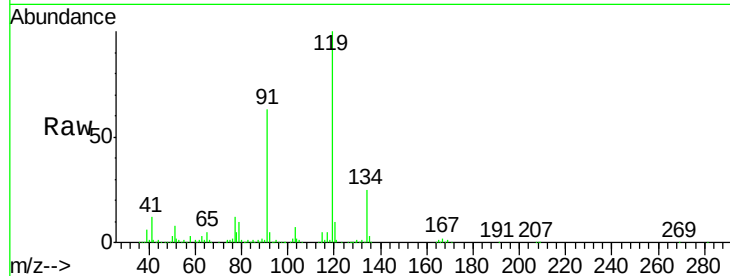
ClientSampleId :

VX0514WBS02

Tot Ion:	119	Resp:	143460
Ion Ratio	Lower	Upper	
119	100		
91	63.7	32.8	98.4
134	24.5	12.4	37.0

Manual Integrations
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5/15/2020 10:10:34 AM



#84

1,2,4-Trimethylbenzene

Concen: 17.288 ug/l

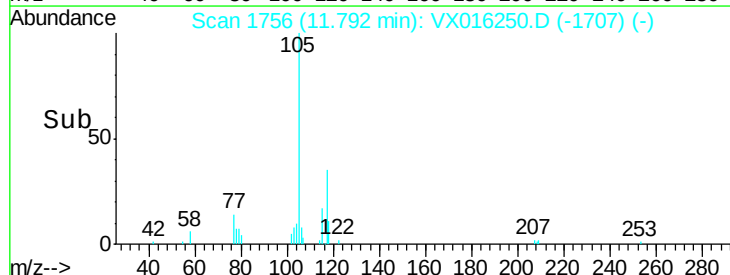
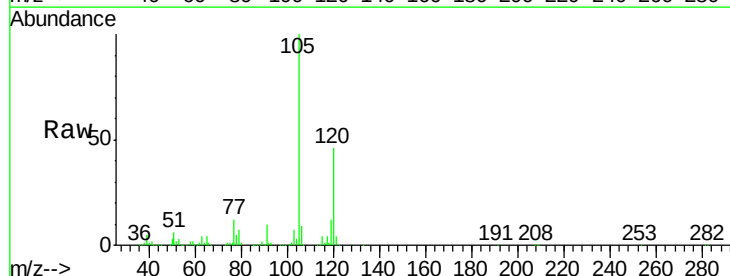
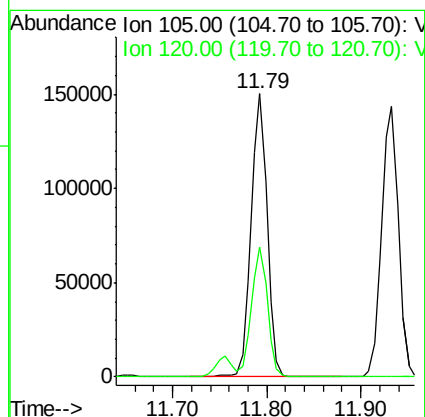
RT: 11.79 min Scan# 1756

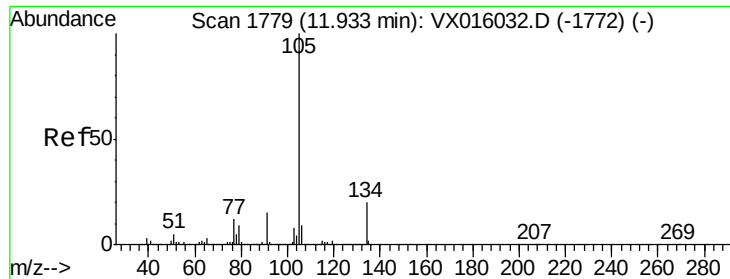
Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion:	105	Resp:	179491
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.0	69.0





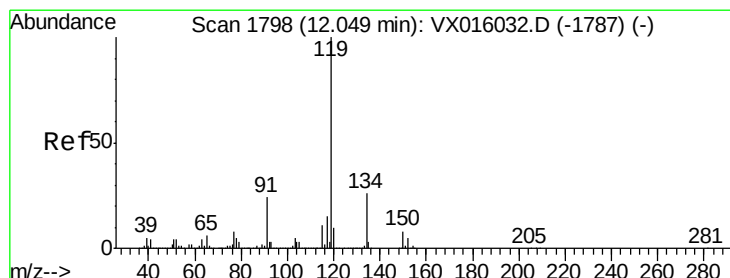
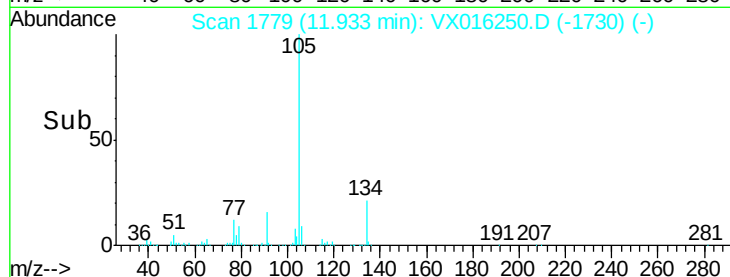
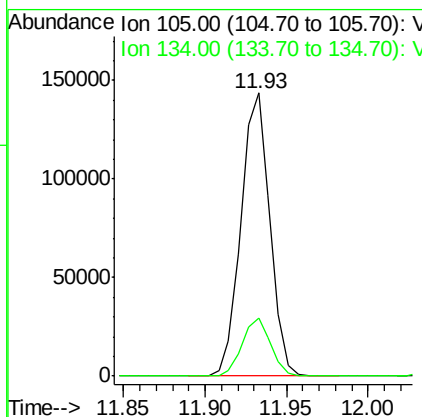
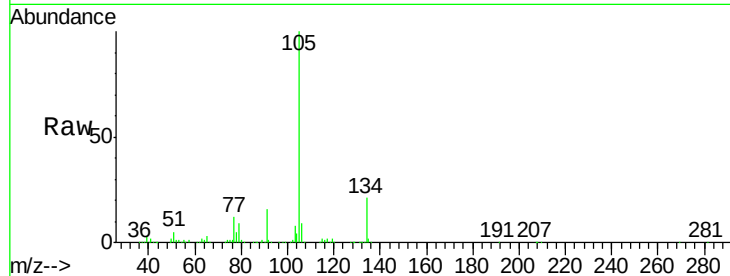
#85
 sec-Butylbenzene
 Concen: 14.804 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	176900		
134	20.3	10.1	30.3	

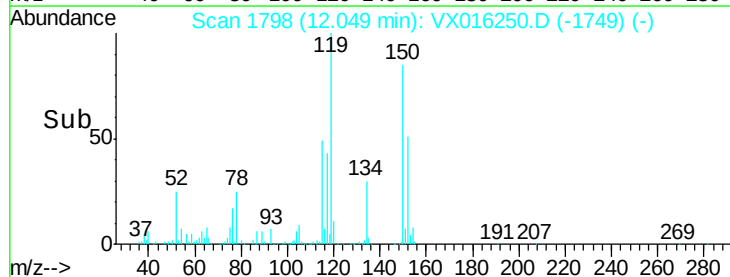
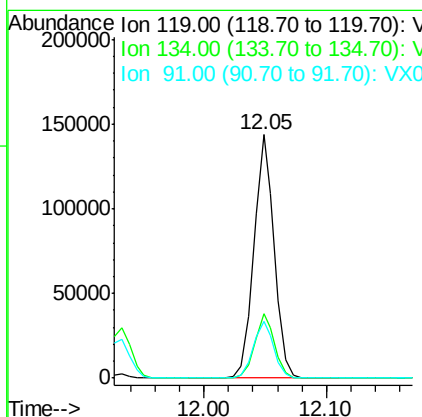
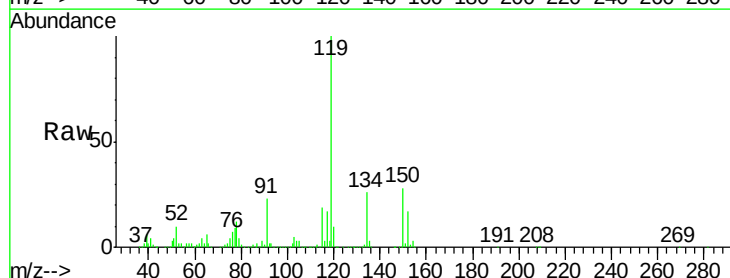
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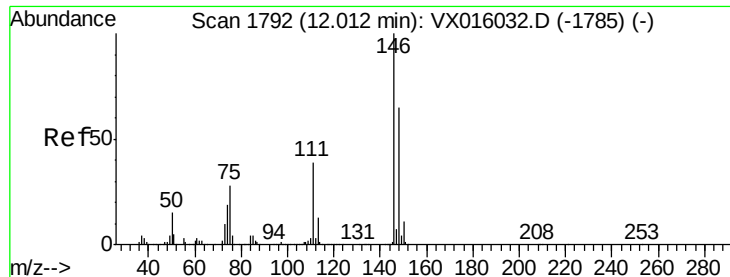
MMDadoda
 5/15/2020 10:10:34 AM



#86
 p-Isopropyltoluene
 Concen: 14.975 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	166144		
134	25.9	13.1	39.3	
91	23.7	11.8	35.4	





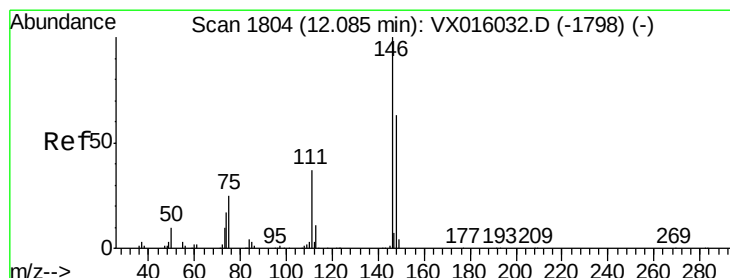
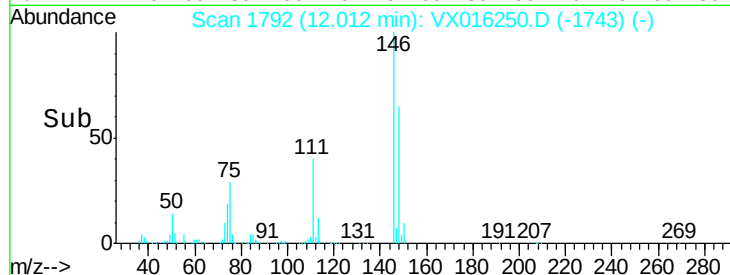
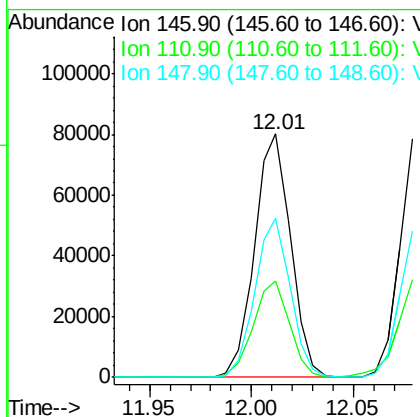
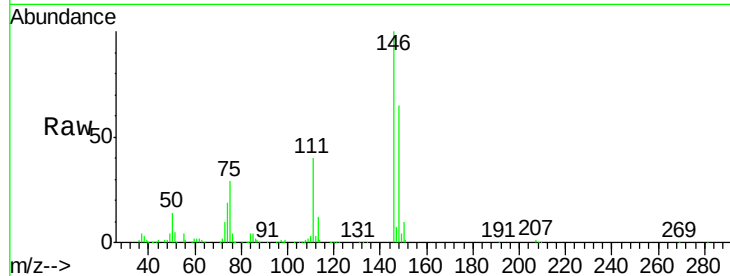
#87
 1,3-Dichlorobenzene
 Concen: 17.501 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	64.4	32.1	96.3

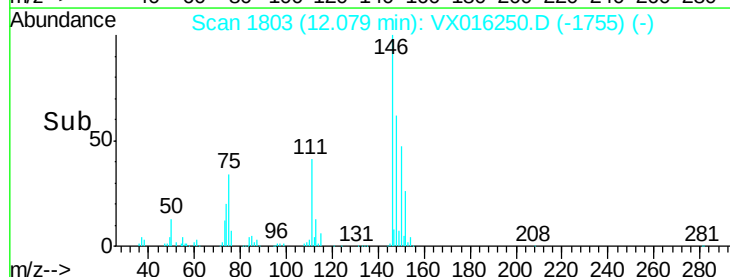
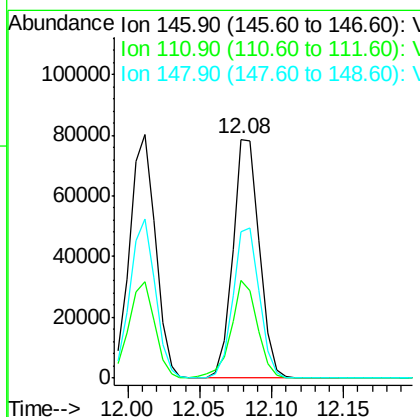
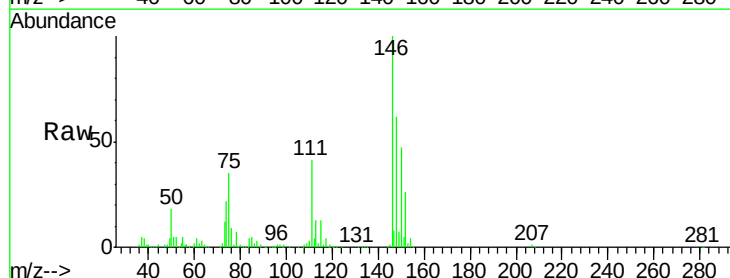
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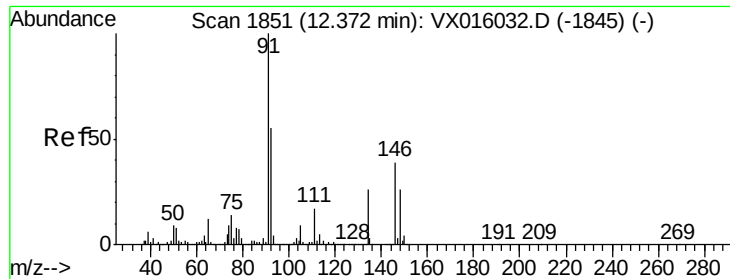
MMDadoda
 5/15/2020 10:10:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.734 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	63.0	31.8	95.3





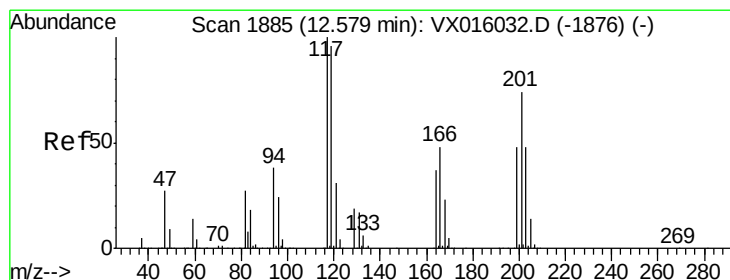
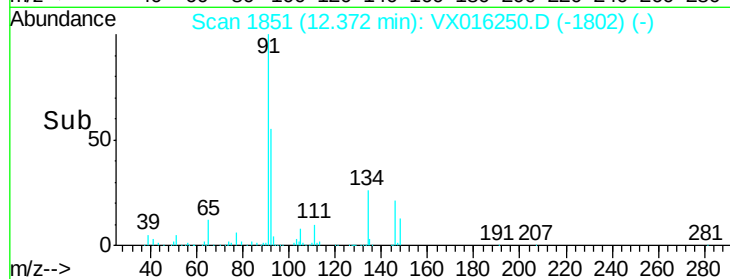
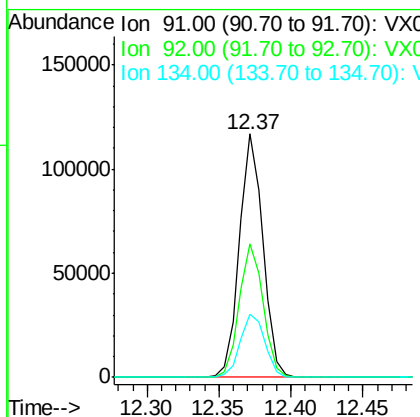
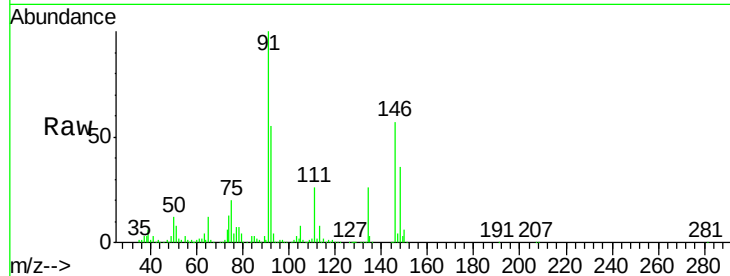
#89
n-Butylbenzene
Concen: 13.098 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.5	27.6	82.7	
134	27.1	13.4	40.1	

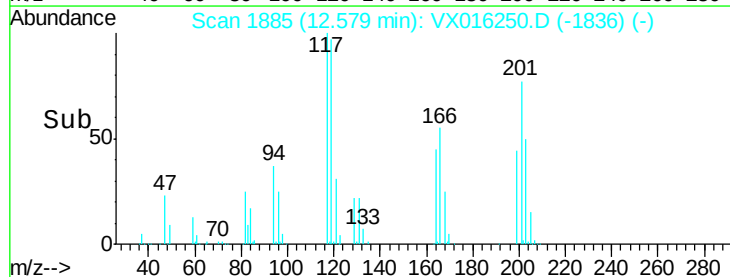
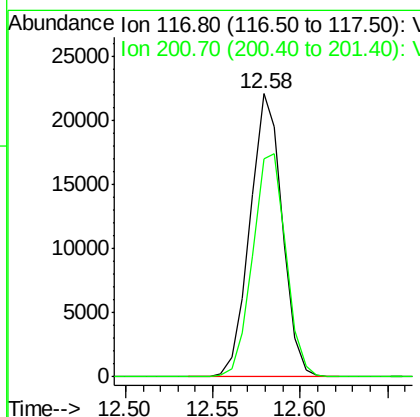
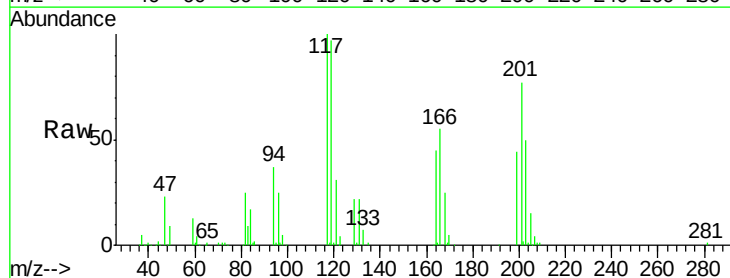
Manual Integrations
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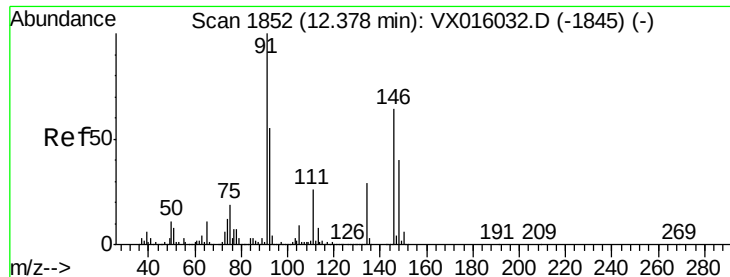
MMDadoda
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#90
Hexachloroethane
Concen: 14.893 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	81.8	39.8	119.3	





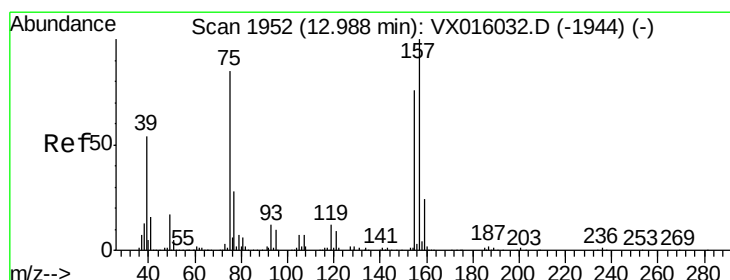
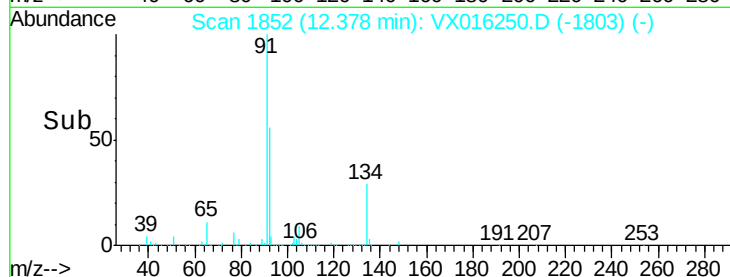
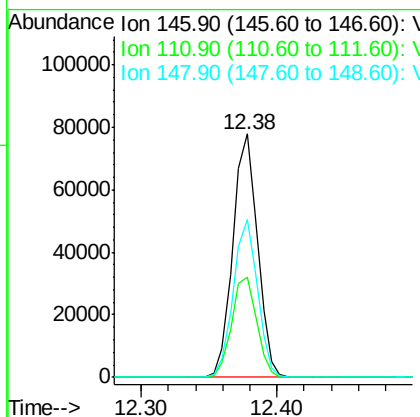
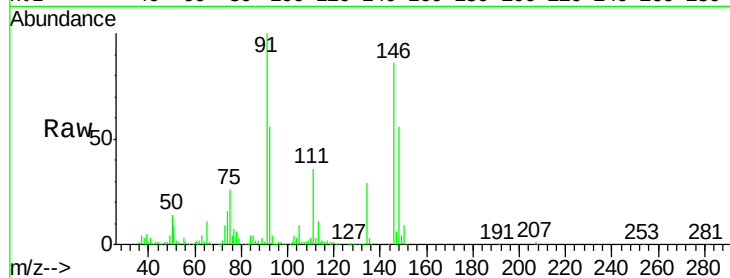
#91
 1,2-Dichlorobenzene
 Concen: 18.084 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	98159		
111	42.0		21.1	63.1
148	64.0		32.4	97.0

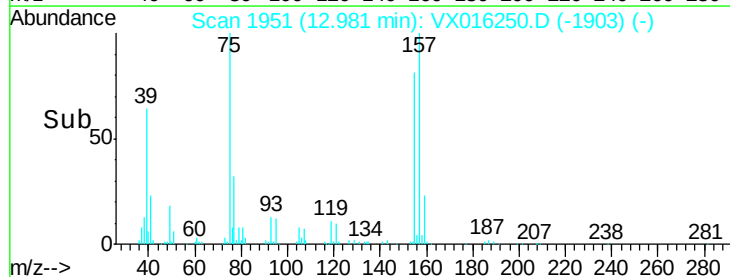
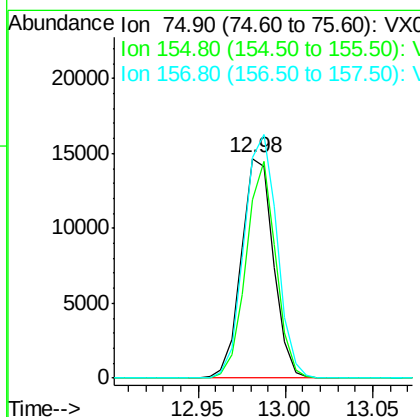
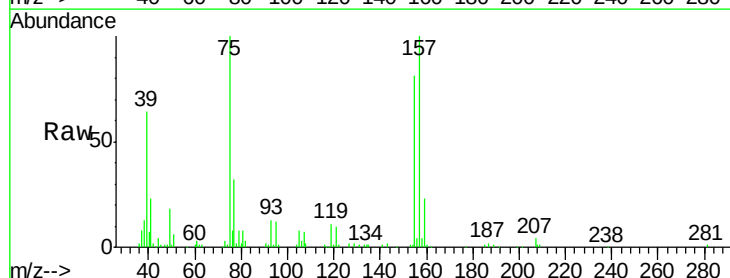
Manual Integrations
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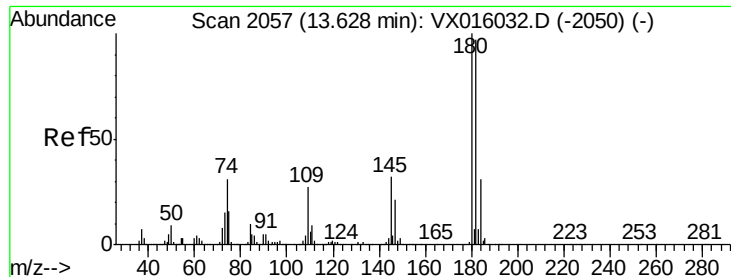
MMDadoda
 5/15/2020 10:10:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.760 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18762		
155	90.6		42.5	127.5
157	113.1		55.3	165.8





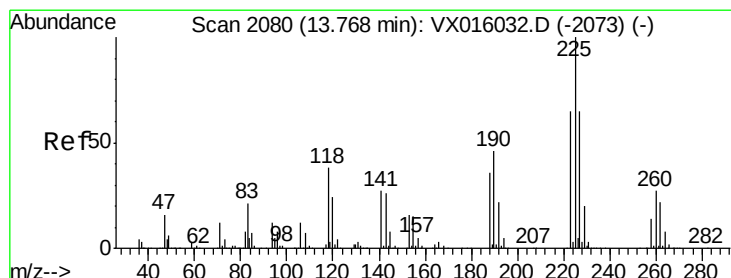
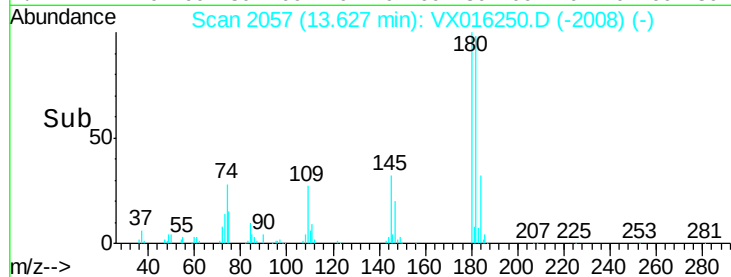
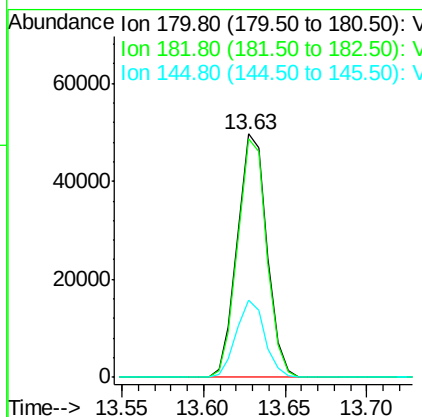
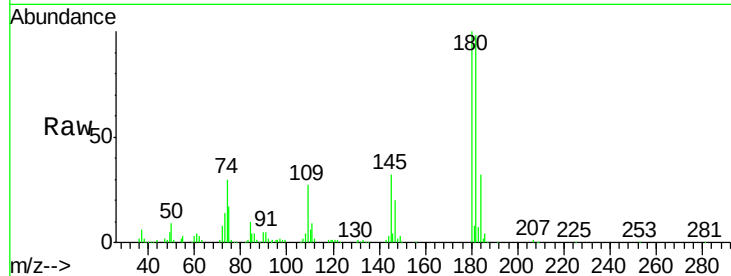
#93
1,2,4-Trichlorobenzene
Concen: 15.664 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	62946		
182	96.3	48.7	146.1	
145	30.7	15.7	47.1	

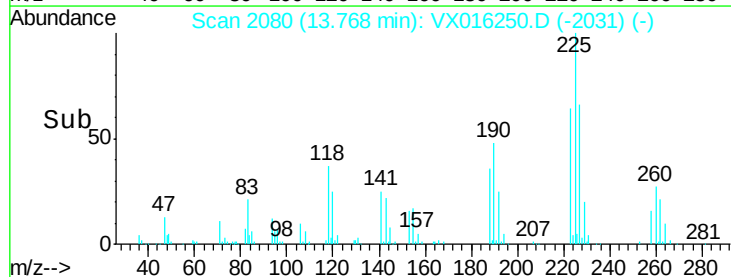
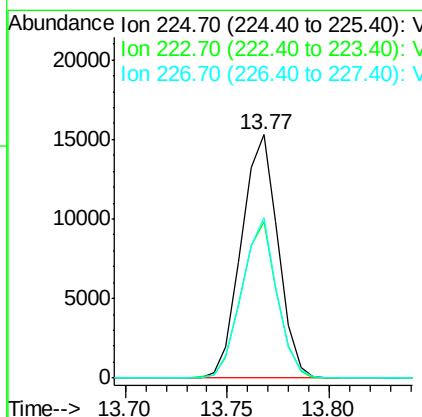
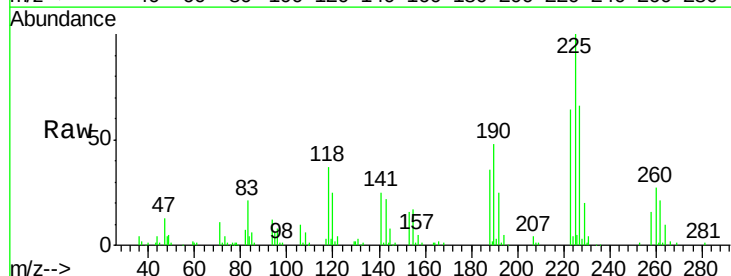
Manual Integrations
APPROVED

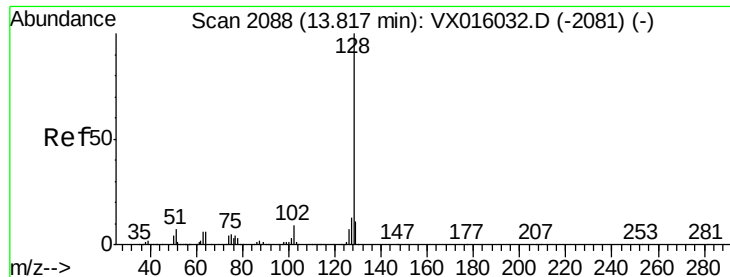
MMDadoda
5/15/2020 10:10:34 AM



#94
Hexachlorobutadiene
Concen: 11.420 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	19055		
223	62.4	32.3	96.9	
227	62.9	31.8	95.4	





#95

Naphthalene

Concen: 18.118 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

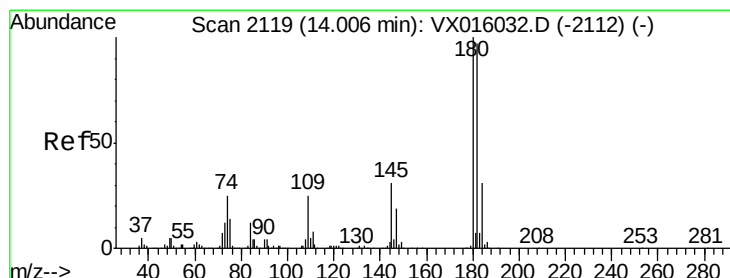
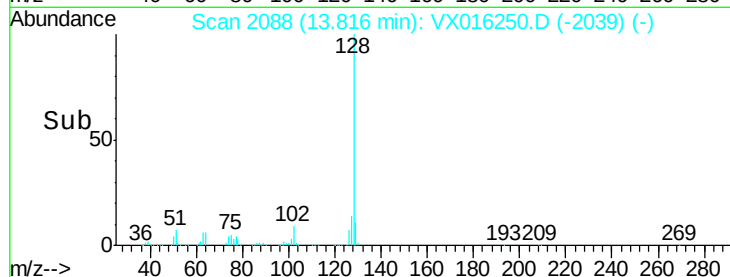
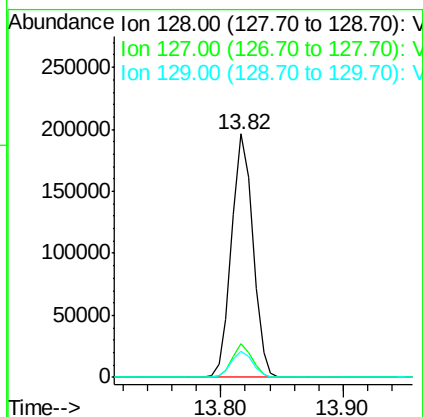
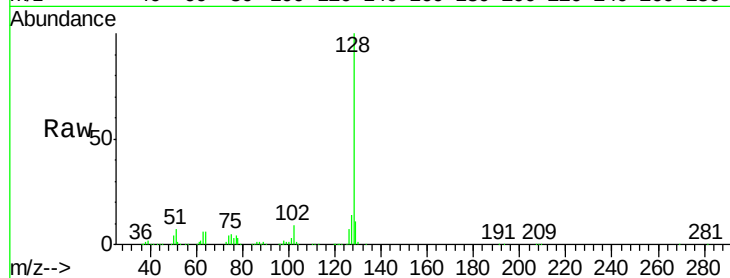
ClientSampleId :

VX0514WBS02

Tot Ion:	128	Resp:	235761
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/15/2020 10:10:34 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.422 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion:	180	Resp:	64498
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.4	145.0
145	32.6	16.4	49.1

