

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018142.D
 Acq On : 31 Aug 2020 13:14
 Operator : JC/SP
 Sample : VX0831WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:52 AM

Quant Time: Sep 01 06:05:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	567256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	895860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	838984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	441886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	376978	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.46	113	300864	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.70	98	1083898	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.12	95	420694	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135291	19.589	ug/l	95
3) Chloromethane	1.31	50	138200	18.980	ug/l	98
4) Vinyl Chloride	1.39	62	128517	17.731	ug/l	97
5) Bromomethane	1.63	94	88528	25.322	ug/l	99
6) Chloroethane	1.71	64	76118	19.552	ug/l	95
7) Trichlorofluoromethane	1.92	101	197979	20.031	ug/l	95
8) Diethyl Ether	2.17	74	63176	18.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100487	18.806	ug/l	97
10) Methyl Iodide	2.49	142	113458	23.035	ug/l	98
11) Tert butyl alcohol	3.01	59	137277	89.655	ug/l	99
12) 1,1-Dichloroethene	2.35	96	96801	17.462	ug/l	96
13) Acrolein	2.27	56	34618	54.526	ug/l	94
14) Allyl chloride	2.71	41	193243	19.403	ug/l	97
15) Acrylonitrile	3.12	53	326849	94.103	ug/l	98
16) Acetone	2.42	43	272713	88.873	ug/l	99
17) Carbon Disulfide	2.55	76	294907	17.598	ug/l	98
18) Methyl Acetate	2.75	43	147168	19.875	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	376242	19.790	ug/l	98
20) Methylene Chloride	2.84	84	123045	18.884	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	117485	19.129	ug/l	94
22) Diisopropyl ether	3.82	45	386929	19.684	ug/l	# 86
23) Vinyl Acetate	3.79	43	1716223	98.119	ug/l	99
24) 1,1-Dichloroethane	3.67	63	219646	19.629	ug/l	99
25) 2-Butanone	4.64	43	452571	89.741	ug/l	96
26) 2,2-Dichloropropane	4.55	77	195984	21.526	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	134272	18.975	ug/l	100
28) Bromochloromethane	4.98	49	93769	17.361	ug/l	99
29) Tetrahydrofuran	5.10	42	295297	91.984	ug/l	99
30) Chloroform	5.18	83	224266	19.356	ug/l	94
31) Cyclohexane	5.55	56	181035	19.206	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	211208	19.864	ug/l	99
36) 1,1-Dichloropropene	5.77	75	162474	19.663	ug/l	99
37) Ethyl Acetate	4.79	43	180176	18.774	ug/l	99
38) Carbon Tetrachloride	5.76	117	188944	20.290	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	180306	19.956	ug/l	98
40) Benzene	6.11	78	475609	19.589	ug/l	98
41) Methacrylonitrile	5.00	41	96434	18.301	ug/l	97
42) 1,2-Dichloroethane	6.17	62	184755	19.861	ug/l	100
43) Isopropyl Acetate	6.42	43	295025	19.033	ug/l	100
44) Trichloroethene	7.19	130	132071	19.251	ug/l	95
45) 1,2-Dichloropropane	7.49	63	129367	19.769	ug/l	93
46) Dibromomethane	7.64	93	89004	19.342	ug/l	99
47) Bromodichloromethane	7.88	83	184741	20.106	ug/l	99
48) Methyl methacrylate	7.74	41	143937	18.653	ug/l	99
49) 1,4-Dioxane	7.71	88	52052	372.396	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	920218	96.107	ug/l	100
52) Toluene	8.76	92	305160	19.821	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	201747	19.811	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	208956	19.370	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	125194	19.067	ug/l	93
56) Ethyl methacrylate	9.16	69	184067	18.857	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213010	19.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	394481	89.837	ug/l	100
59) 2-Hexanone	9.47	43	693396	95.238	ug/l	99
60) Dibromochloromethane	9.57	129	153449	19.921	ug/l	99
61) 1,2-Dibromoethane	9.65	107	138090	19.371	ug/l	99
64) Tetrachloroethene	9.32	164	131224	21.284	ug/l	97
65) Chlorobenzene	10.12	112	332305	19.832	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	136652	20.692	ug/l	99
67) Ethyl Benzene	10.24	91	578010	20.284	ug/l	100
68) m/p-Xylenes	10.34	106	435255	40.923	ug/l	98
69) o-Xylene	10.68	106	204711	19.855	ug/l	97
70) Styrene	10.69	104	361270	20.575	ug/l	100
71) Bromoform	10.84	173	113196	20.095	ug/l #	98
73) Isopropylbenzene	11.00	105	579206	19.872	ug/l	98
74) N-amyl acetate	10.88	43	250847	18.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	189757	18.455	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	182761m	18.592	ug/l	
77) Bromobenzene	11.24	156	151349	18.785	ug/l	99
78) n-propylbenzene	11.34	91	653003	19.731	ug/l	99
79) 2-Chlorotoluene	11.40	91	395941	19.364	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	483581	20.190	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	67504	18.547	ug/l	96
82) 4-Chlorotoluene	11.49	91	463424	19.065	ug/l	99
83) tert-Butylbenzene	11.76	119	474219	20.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	487753	19.918	ug/l	99
85) sec-Butylbenzene	11.93	105	548830	20.418	ug/l	100
86) p-Isopropyltoluene	12.05	119	506761	20.524	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	265809	18.791	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	261783	18.483	ug/l	98
89) n-Butylbenzene	12.37	91	428660	19.021	ug/l	99
90) Hexachloroethane	12.58	117	101343	20.861	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	251822	18.912	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45014	17.509	ug/l	98

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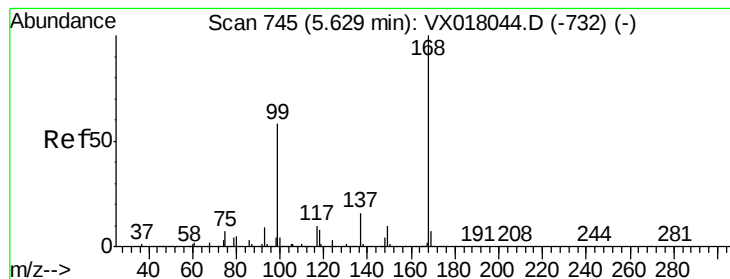
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
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QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	168775	19.008	ug/l	98
94) Hexachlorobutadiene	13.77	225	69123	19.737	ug/l	97
95) Naphthalene	13.82	128	544068	18.619	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160858	18.334	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion:168 Resp: 567256

Ion Ratio Lower Upper

168 100

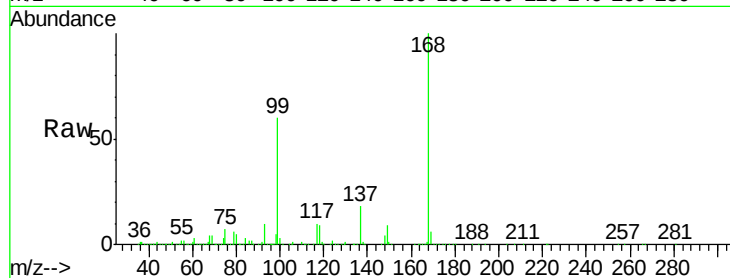
99 60.0 46.3 69.5

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

5.63

200000

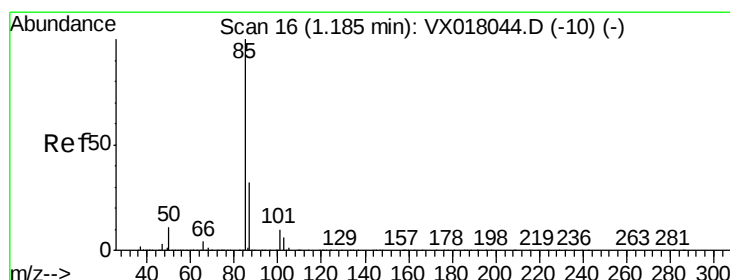
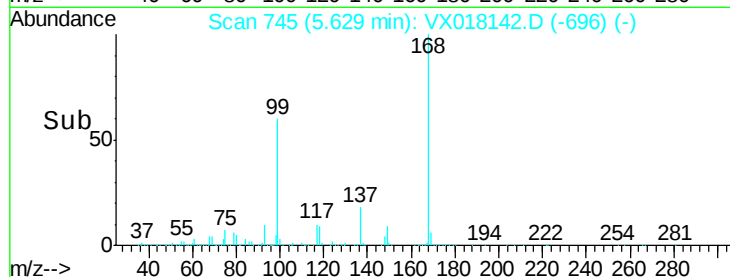
150000

100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 19.589 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018142.D

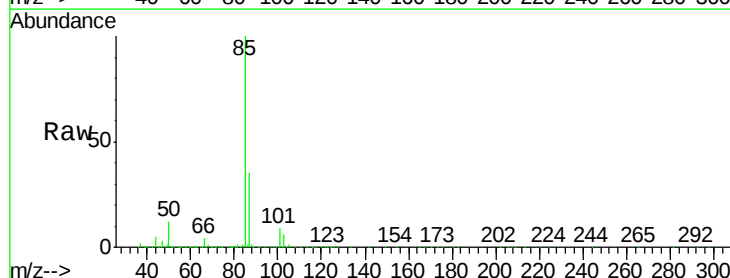
Acq: 31 Aug 2020 13:14

Tgt Ion: 85 Resp: 135291

Ion Ratio Lower Upper

85 100

87 34.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

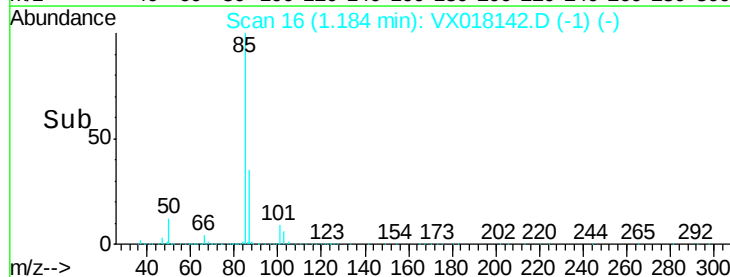
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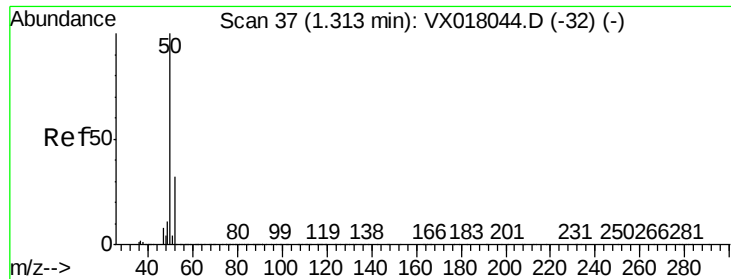
100000

50000

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Time-->





#3

Chloromethane

Concen: 18.980 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS01

Tot Ion: 50 Resp: 138200

Ion Ratio Lower Upper

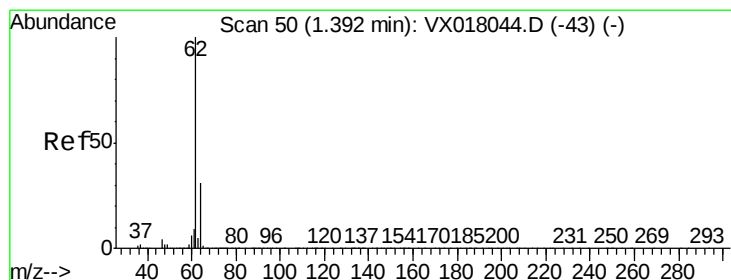
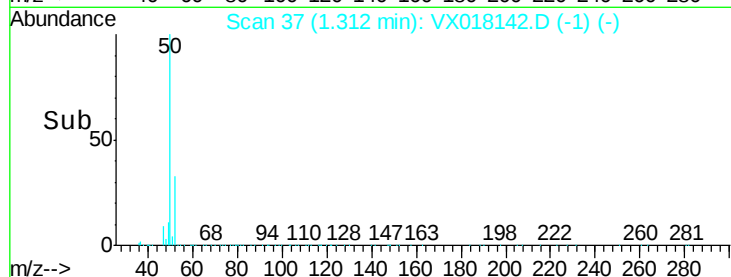
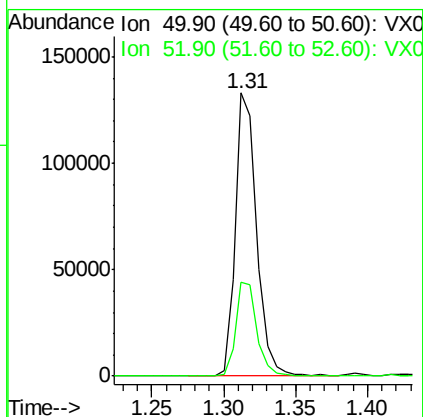
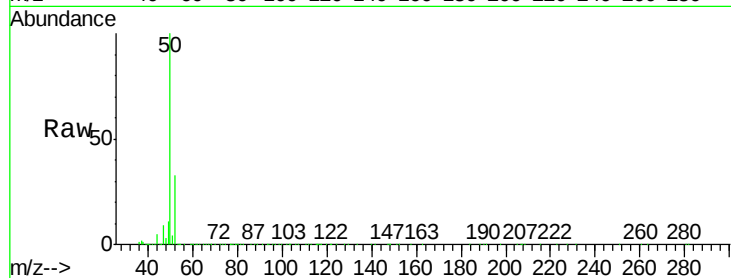
50 100

52 33.0 25.4 38.2

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#4

Vinyl Chloride

Concen: 17.731 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018142.D

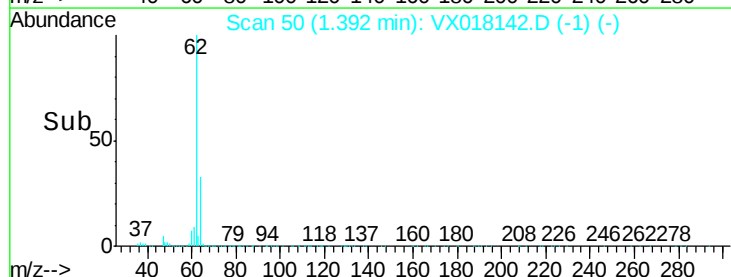
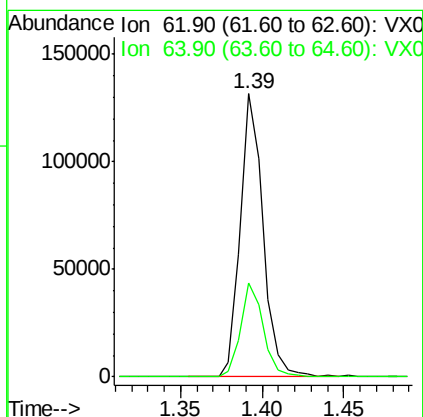
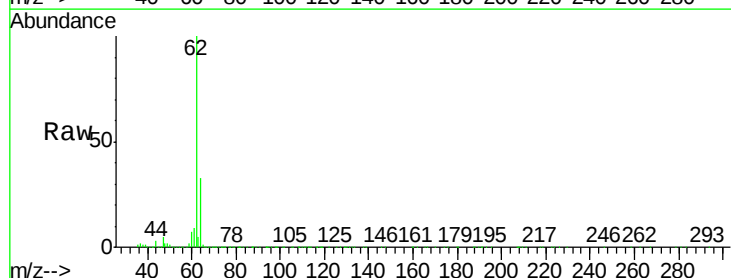
Acq: 31 Aug 2020 13:14

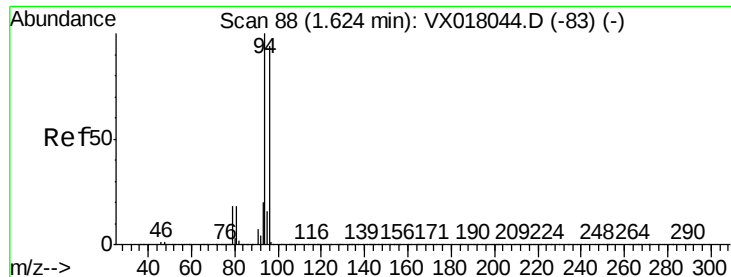
Tgt Ion: 62 Resp: 128517

Ion Ratio Lower Upper

62 100

64 33.0 25.1 37.7





#5

Bromomethane

Concen: 25.322 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion: 94 Resp: 88528

Ion Ratio Lower Upper

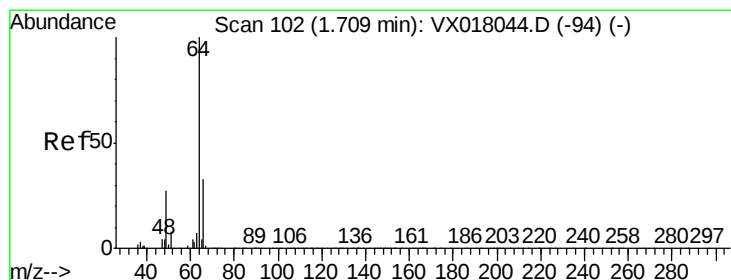
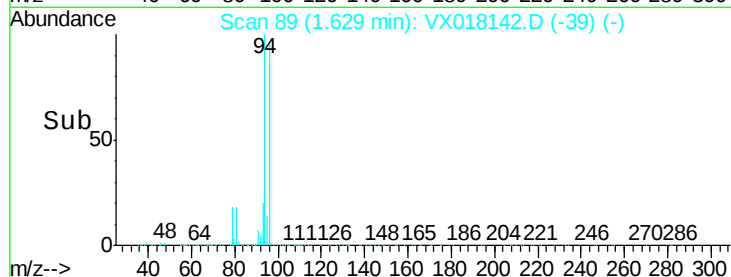
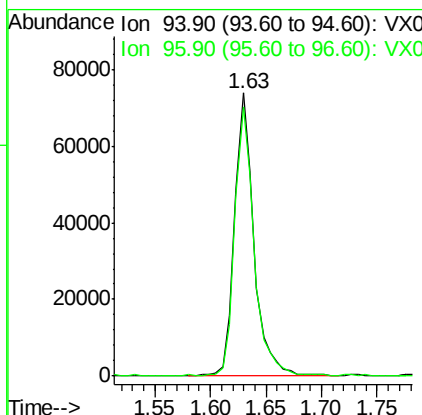
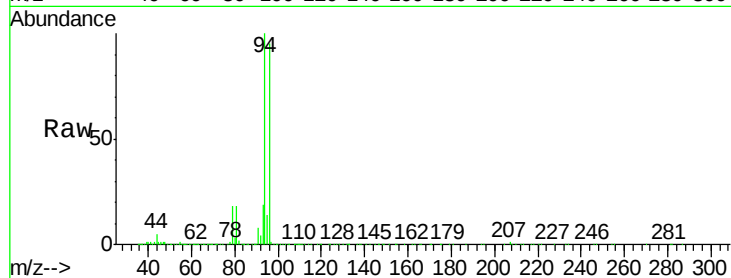
94 100

96 94.9 74.8 112.2

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#6

Chloroethane

Concen: 19.552 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018142.D

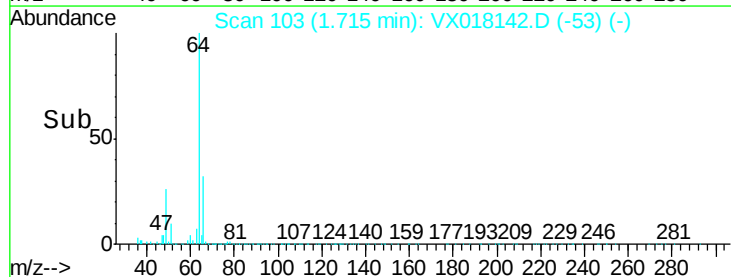
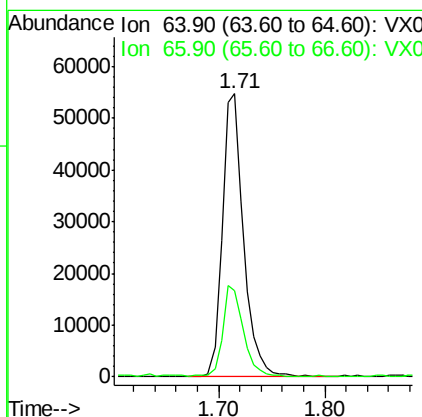
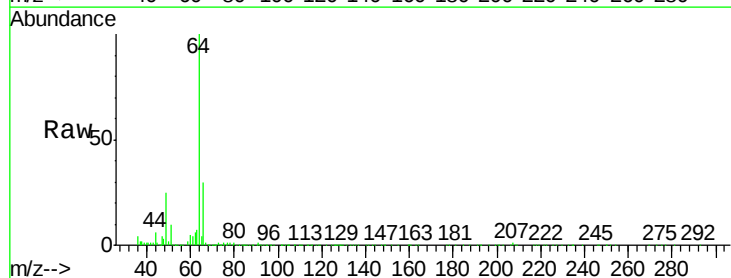
Acq: 31 Aug 2020 13:14

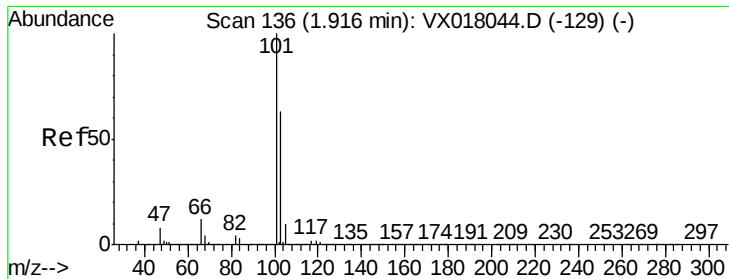
Tgt Ion: 64 Resp: 76118

Ion Ratio Lower Upper

64 100

66 30.3 26.6 39.8





#7

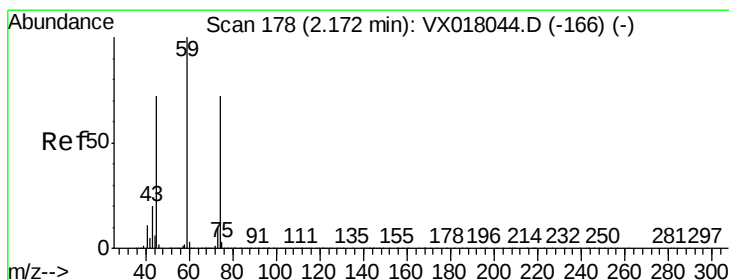
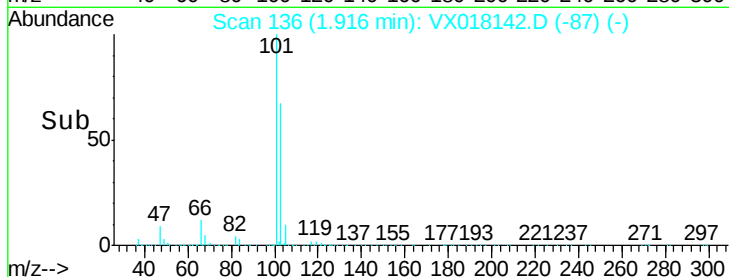
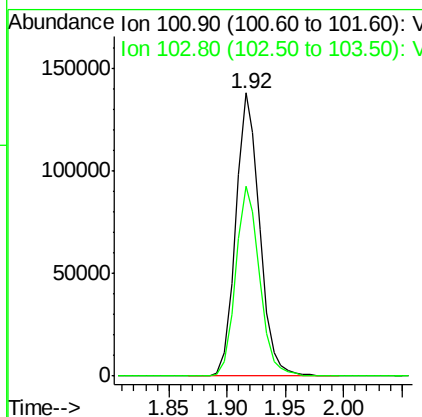
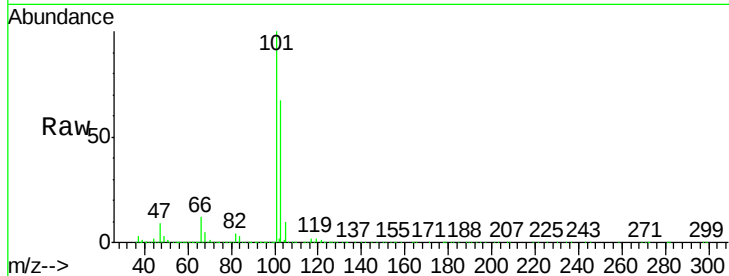
Trichlorofluoromethane
Concen: 20.031 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
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VX0831WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		197979		
103	67.1	50.7	76.1		

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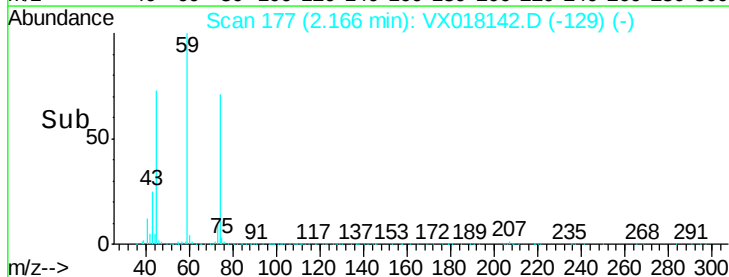
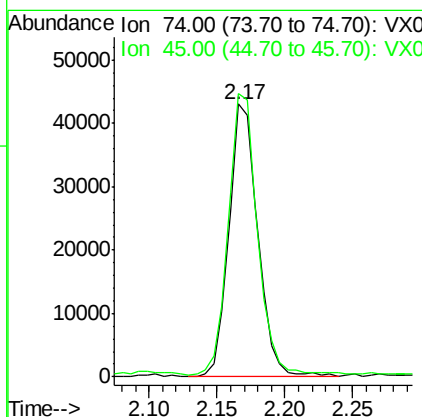
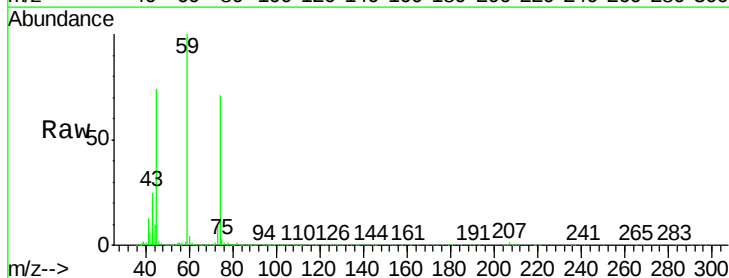
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9/1/2020 9:08:52 AM

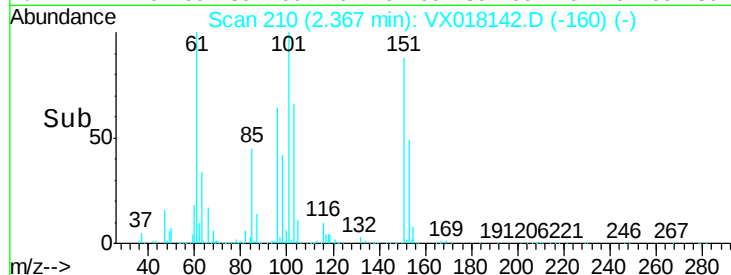
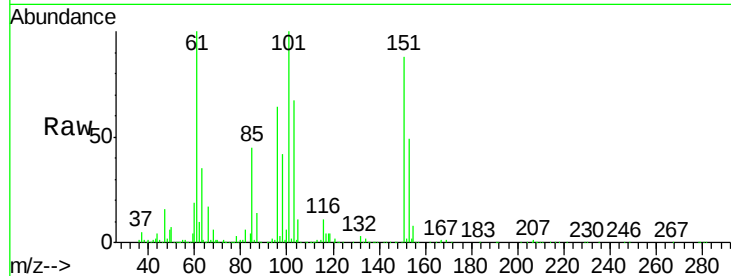
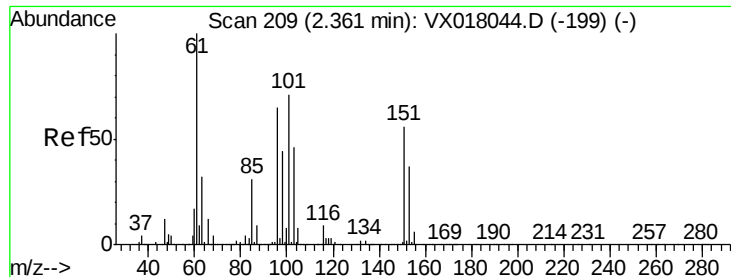


#8

Diethyl Ether
Concen: 18.848 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		63176		
45	105.6	50.7	152.3		





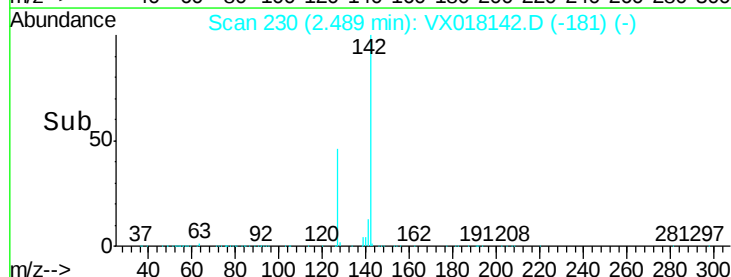
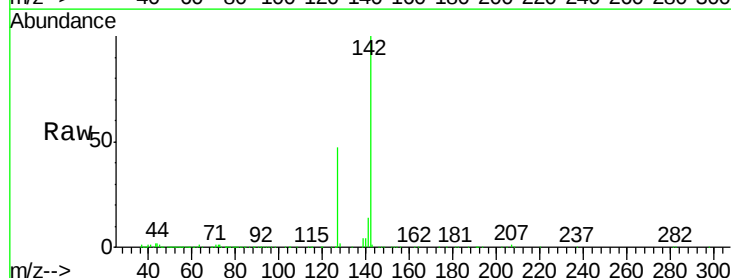
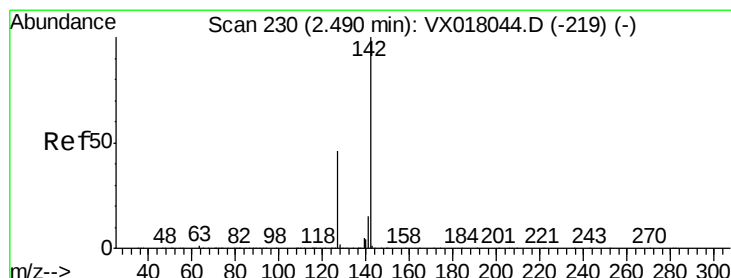
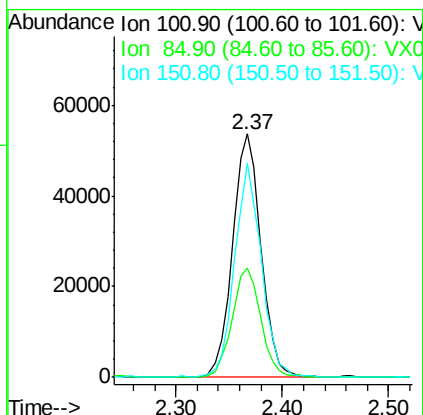
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.806 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tot Ion	Ratio	Resp	Lower	Upper
101	100	100487		
85	45.7	34.0	51.0	
151	83.4	65.2	97.8	

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

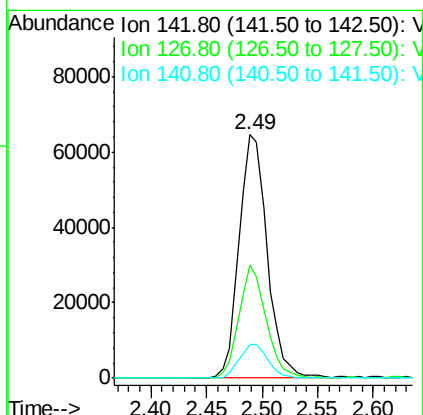
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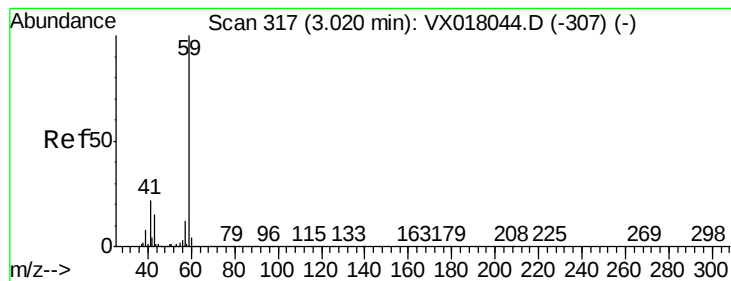
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#10
Methyl Iodide
Concen: 23.035 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	113458		
127	44.7	37.0	55.6	
141	14.4	11.5	17.3	





#11

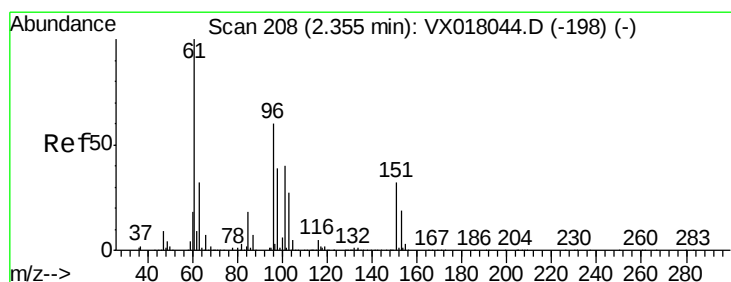
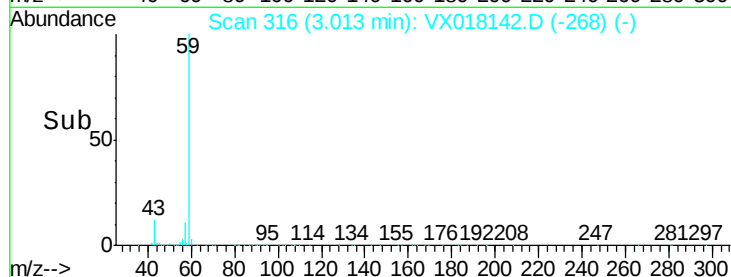
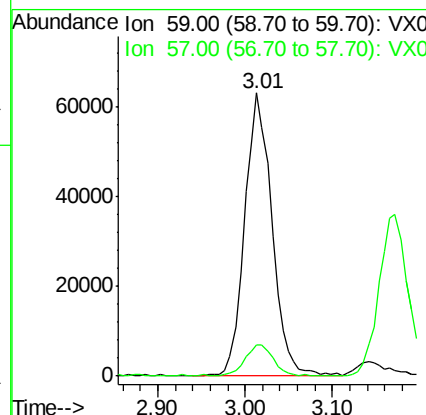
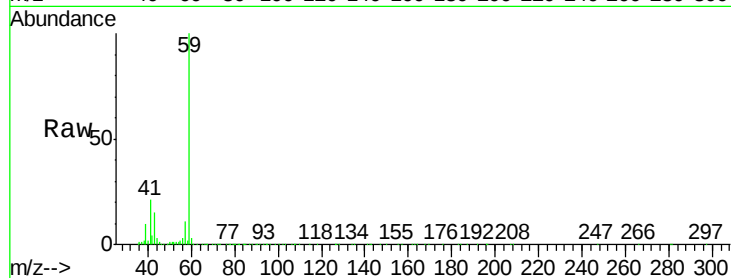
Tert butyl alcohol
Concen: 89.655 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.9	13.3

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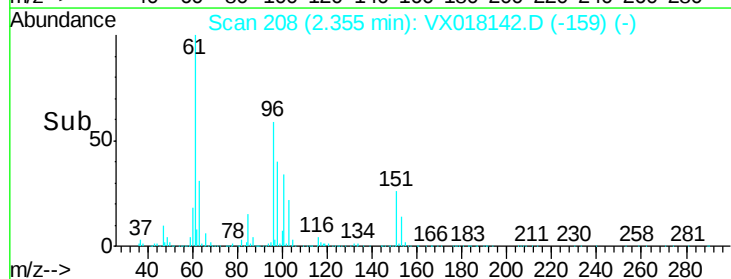
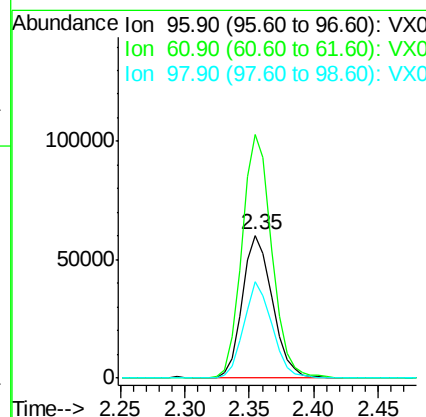
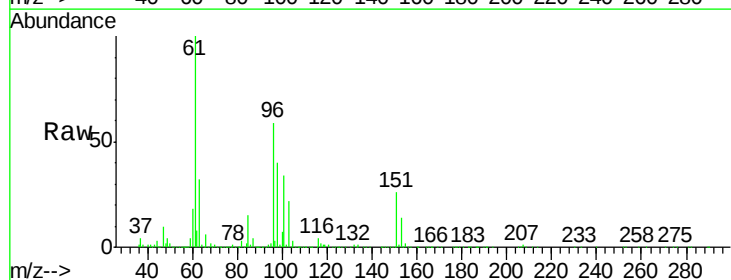
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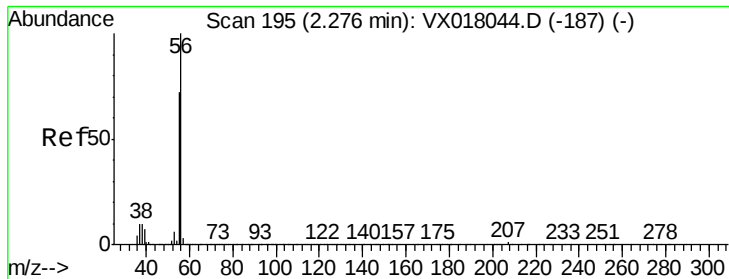


#12

1,1-Dichloroethene
Concen: 17.462 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.9	133.0	199.4
98	67.4	51.6	77.4





#13

Acrolein

Concen: 54.526 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS01

Tot Ion: 56 Resp: 34618

Ion Ratio Lower Upper

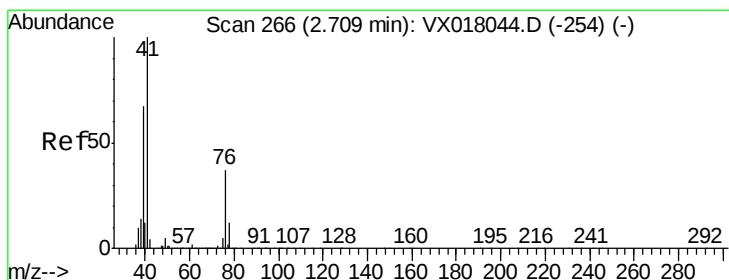
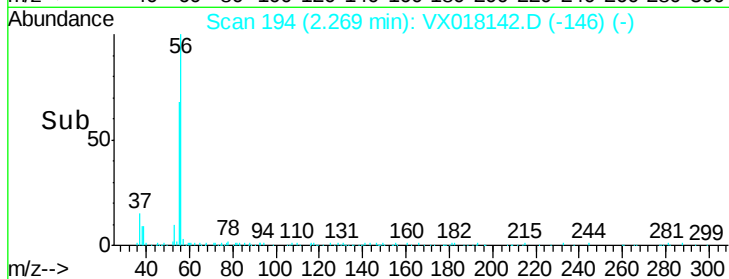
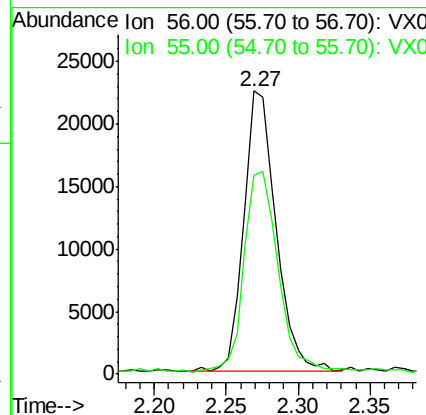
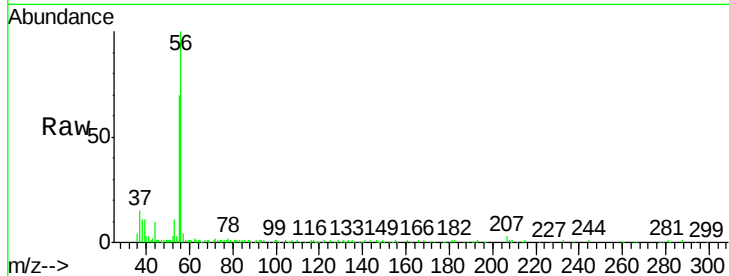
56 100

55 76.0 57.0 85.6

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#14

Allyl chloride

Concen: 19.403 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

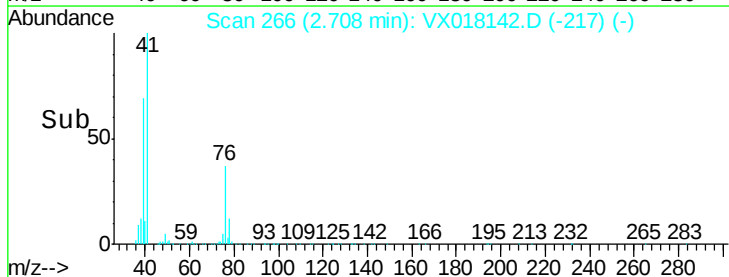
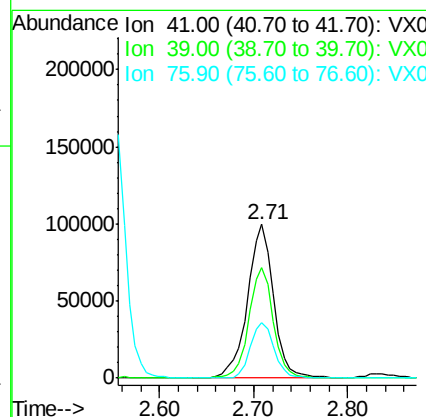
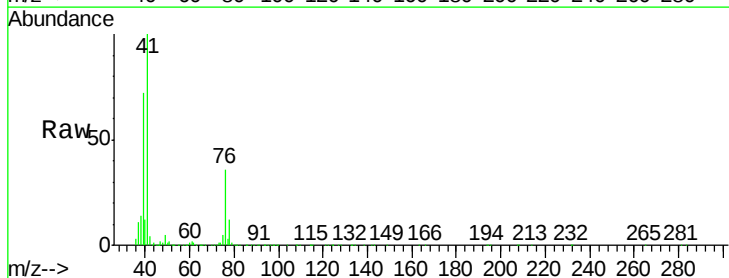
Tgt Ion: 41 Resp: 193243

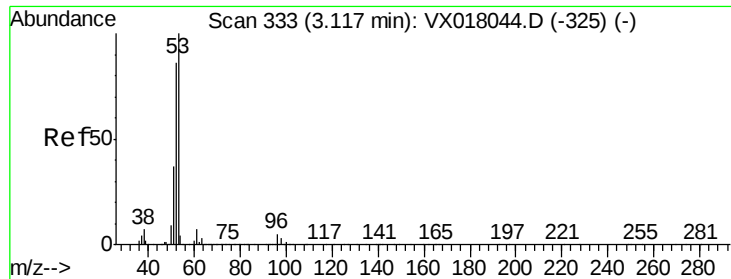
Ion Ratio Lower Upper

41 100

39 66.7 50.6 76.0

76 32.9 26.2 39.2





#15

Acrylonitrile

Concen: 94.103 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

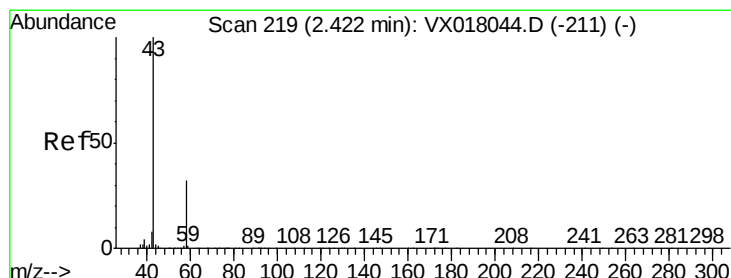
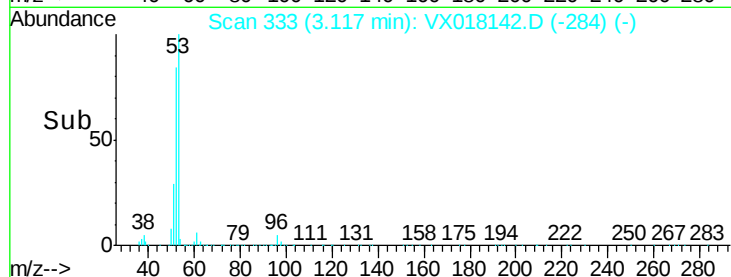
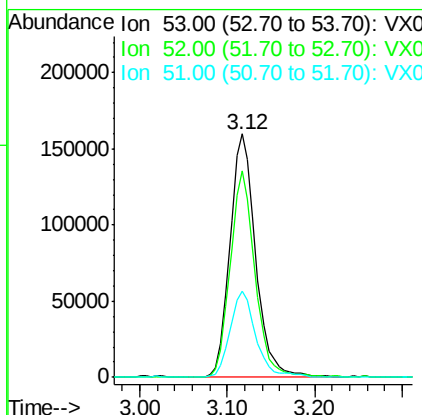
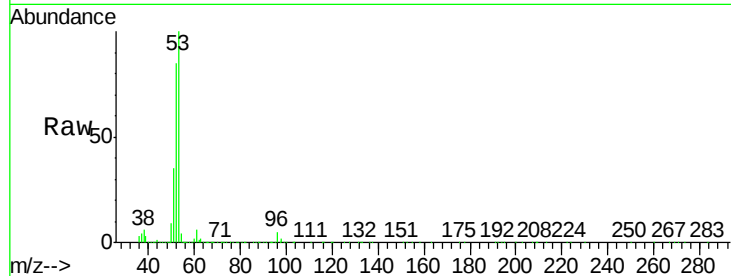
ClientSampleId :

VX0831WBS01

Tot Ion:	53	Resp:	326849
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.9	100.3
51	35.7	28.7	43.1

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#16

Acetone

Concen: 88.873 ug/l

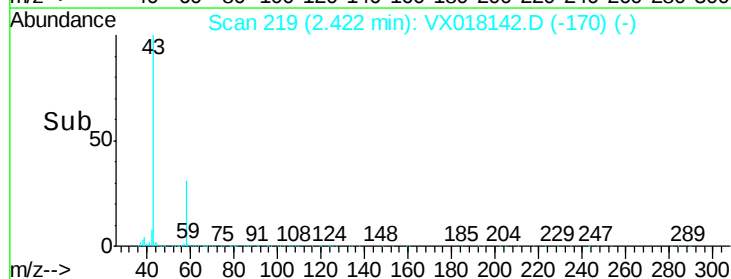
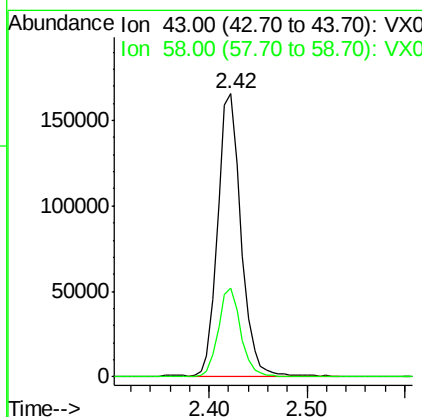
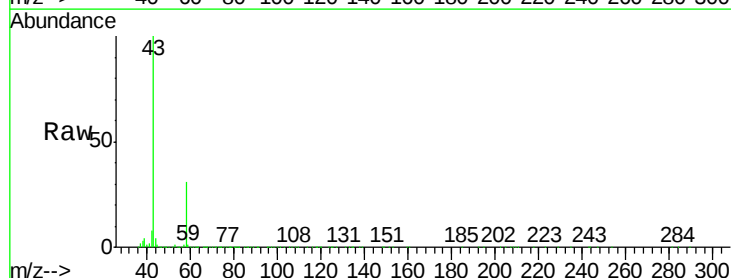
RT: 2.42 min Scan# 219

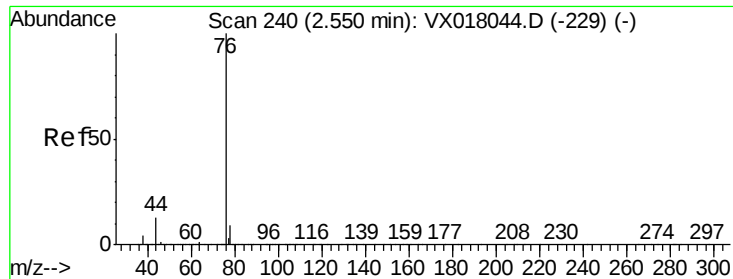
Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion:	43	Resp:	272713
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.5	38.3





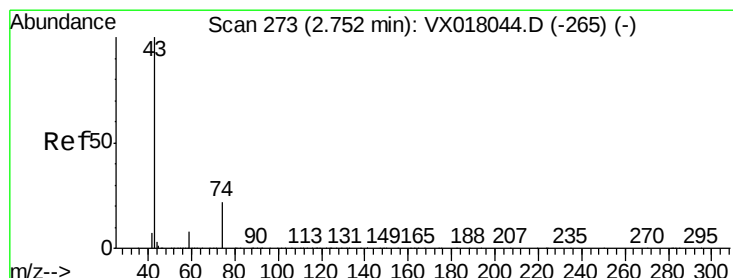
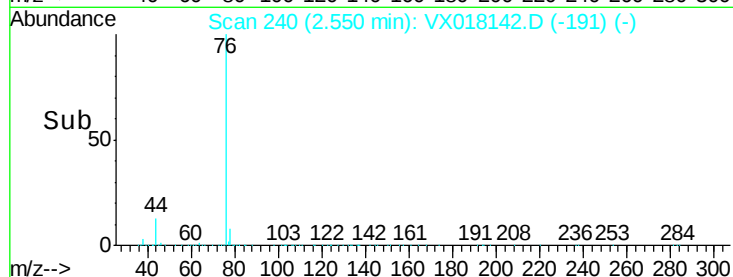
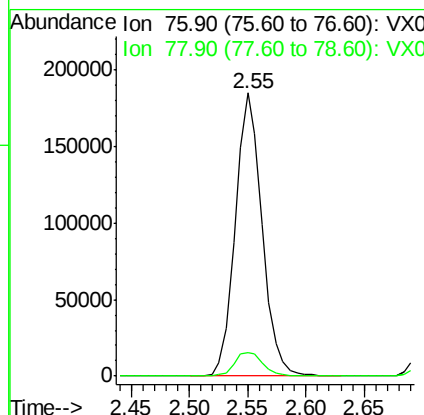
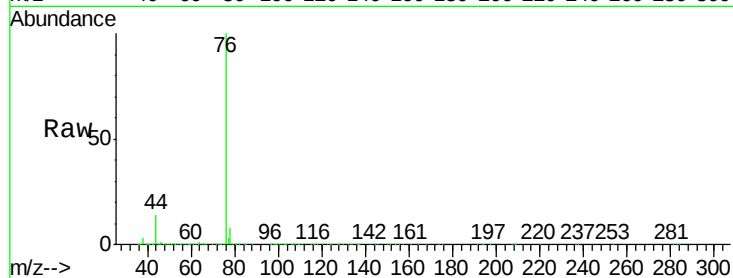
#17
Carbon Disulfide
Concen: 17.598 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.4	11.0

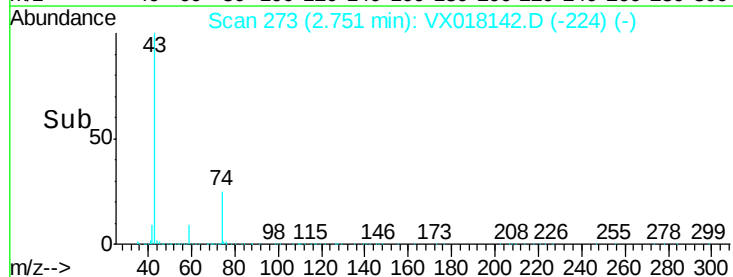
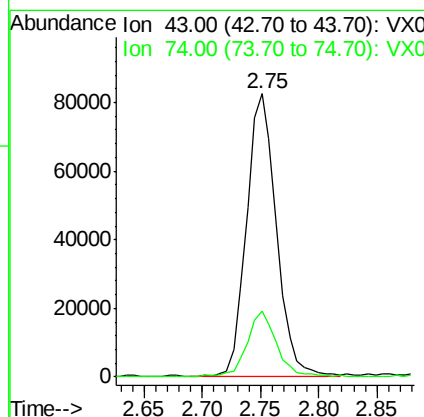
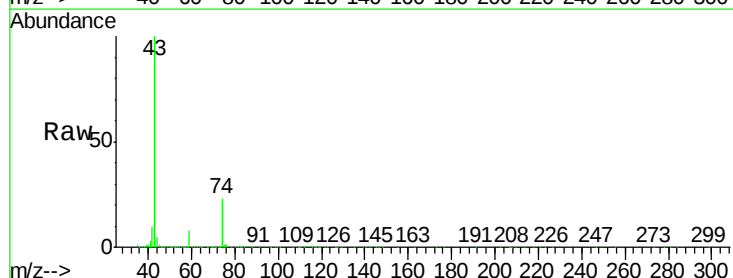
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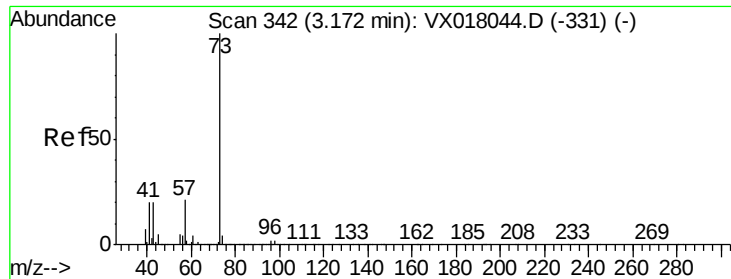
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#18
Methyl Acetate
Concen: 19.875 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.2	27.4





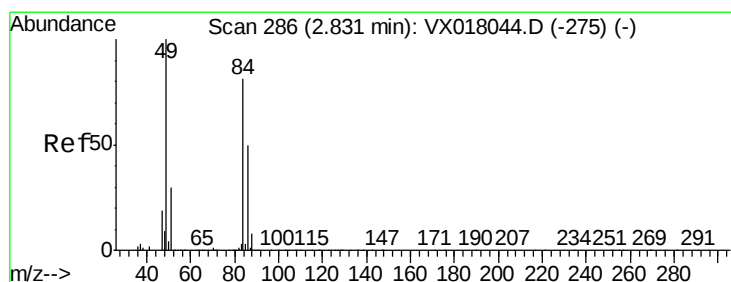
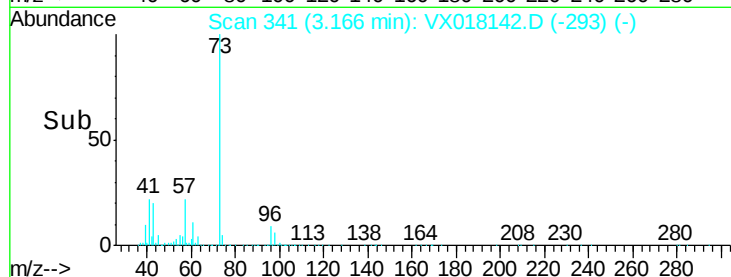
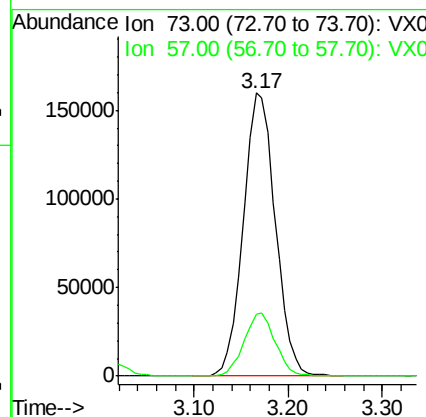
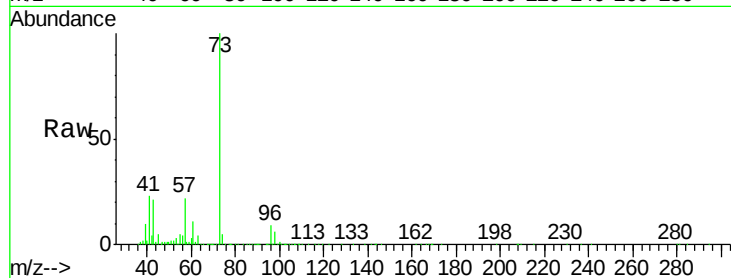
#19
Methvl tert-butvl Ether
Concen: 19.790 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

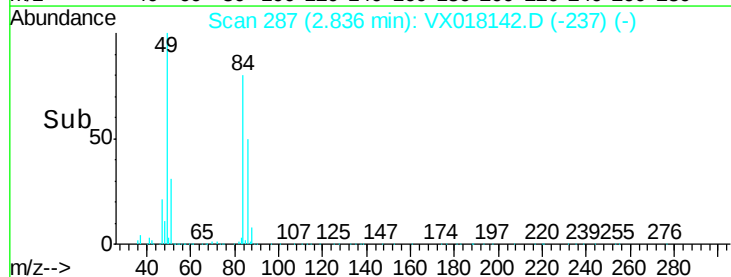
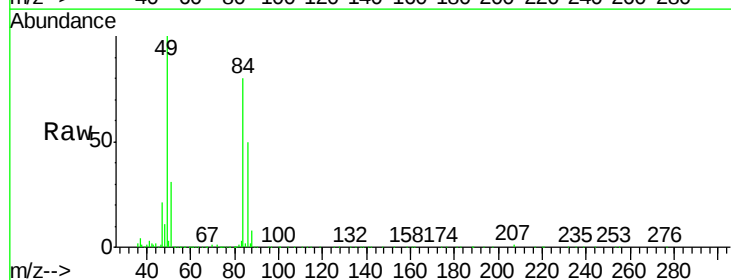
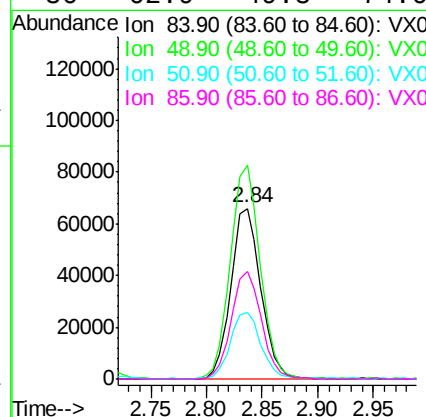
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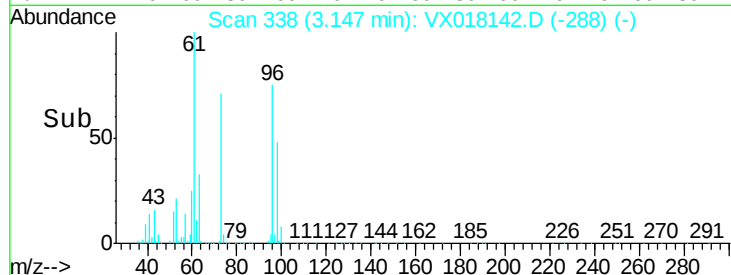
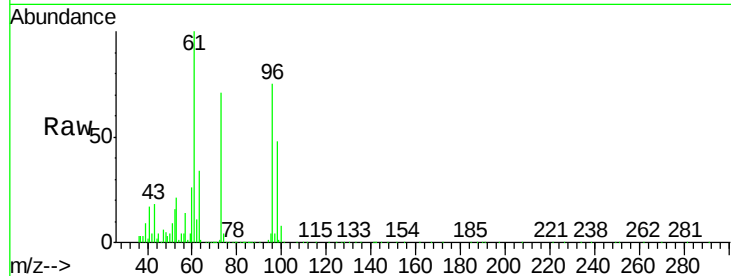
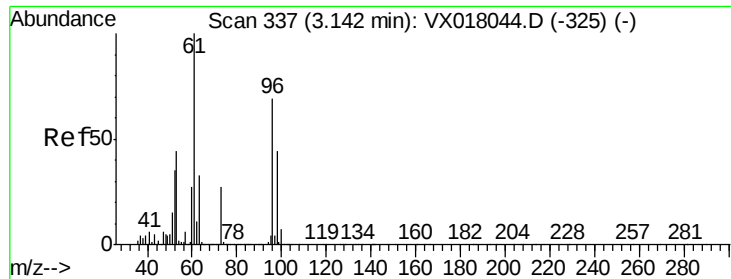
MMDadoda
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#20
Methylene Chloride
Concen: 18.884 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.2	98.6	148.0
51	39.3	29.6	44.4
86	62.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 19.129 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018142.D

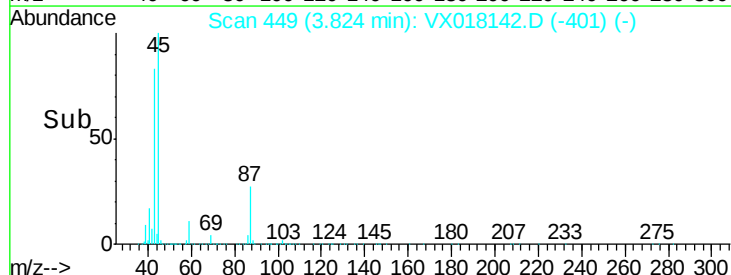
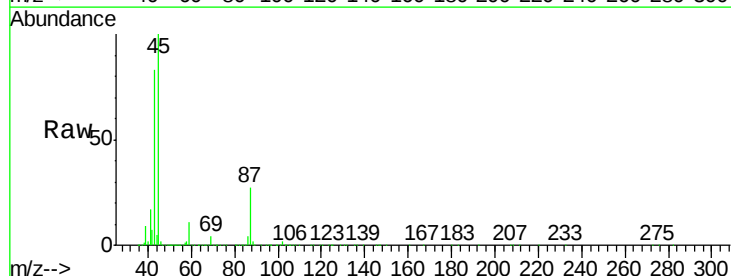
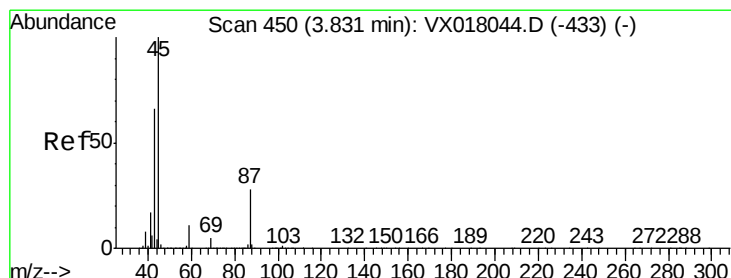
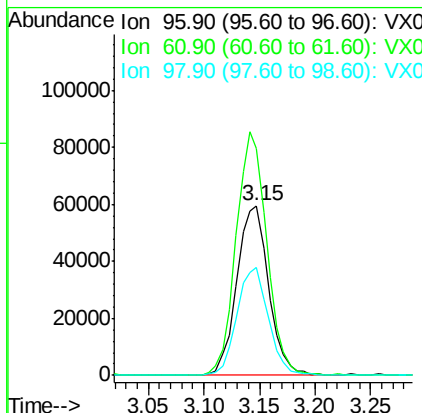
Acq: 31 Aug 2020 13:14

Tot Ion:	96	Resp:	117485
Ion Ratio	Lower	Upper	
96	100		
61	133.4	115.4	173.0
98	63.8	51.1	76.7

Instrument :
MSVOA_X
ClientSampled :
VX0831WBS01

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#22

Diisopropyl ether

Concen: 19.684 ug/l

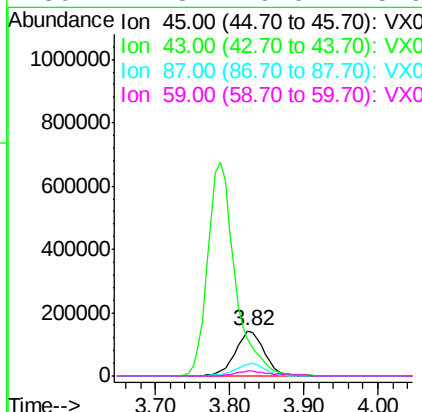
RT: 3.82 min Scan# 449

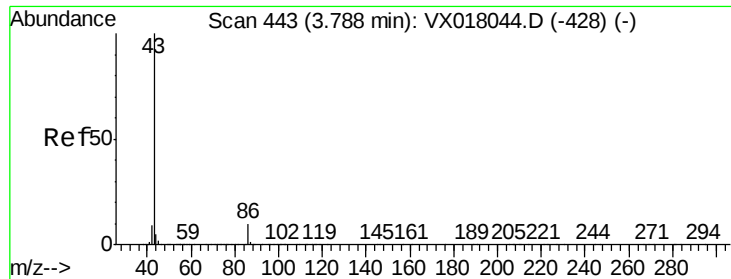
Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion:	45	Resp:	386929
Ion Ratio	Lower	Upper	
45	100		
43	82.6	52.8	79.2#
87	26.8	22.5	33.7
59	11.3	9.0	13.6





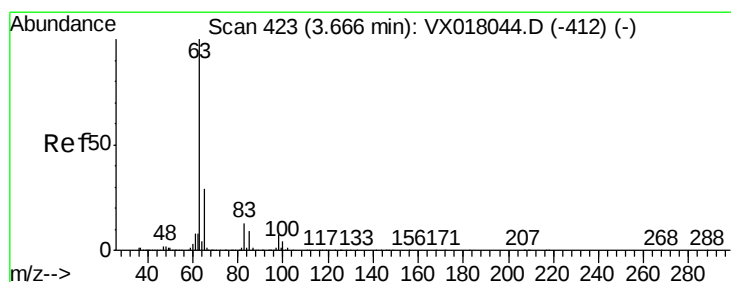
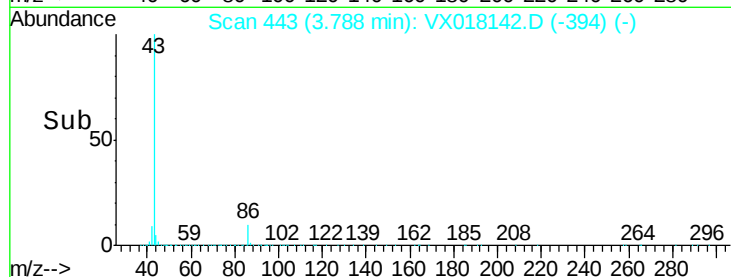
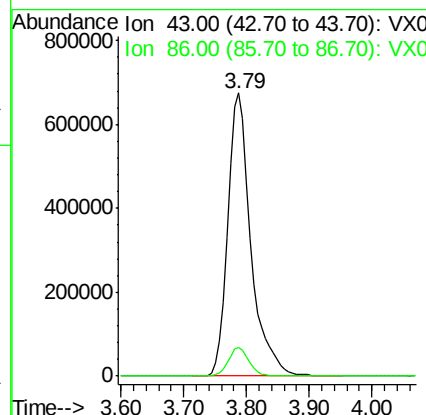
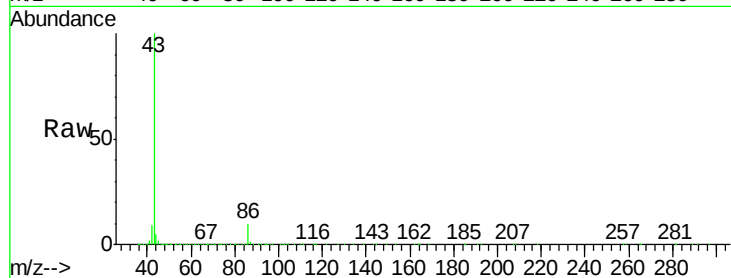
#23
 Vinyl Acetate
 Concen: 98.119 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Tot Ion: 43 Resp: 1716223
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

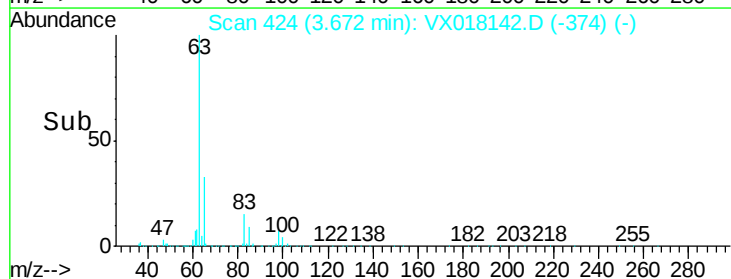
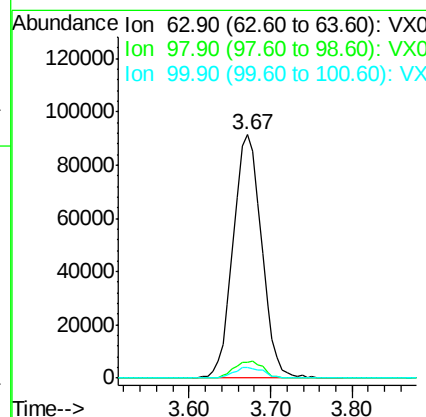
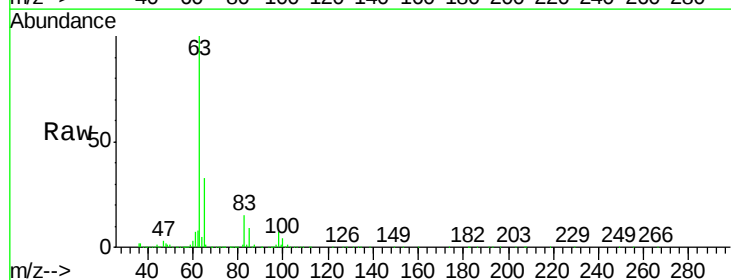
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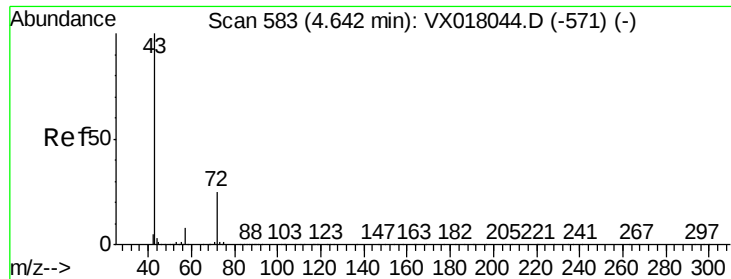
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#24
 1,1-Dichloroethane
 Concen: 19.629 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion: 63 Resp: 219646
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 89.741 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion: 43 Resp: 452571

Ion Ratio Lower Upper

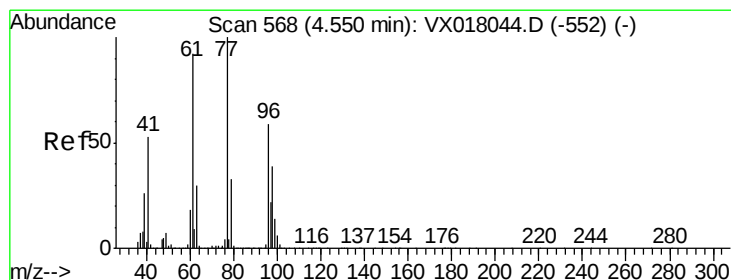
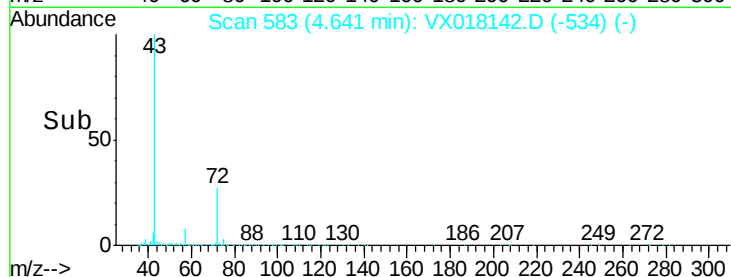
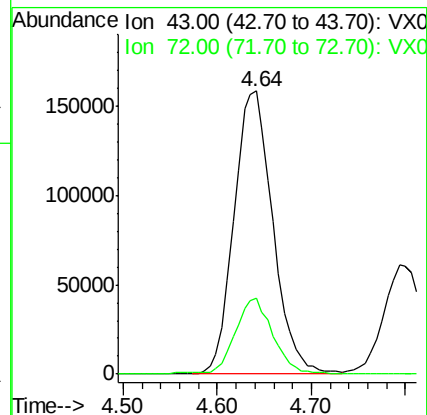
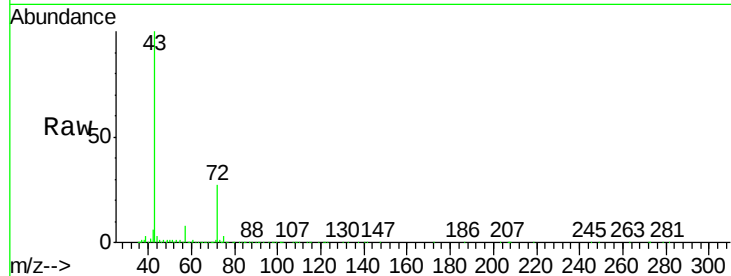
43 100

72 26.6 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 21.526 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018142.D

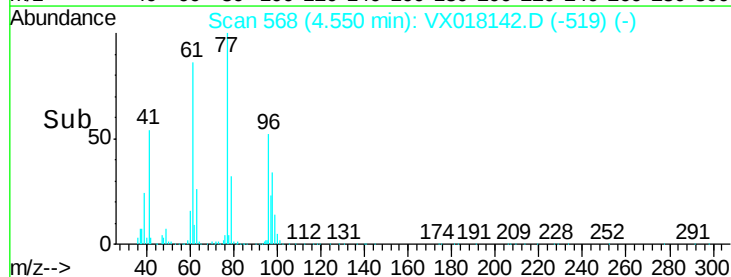
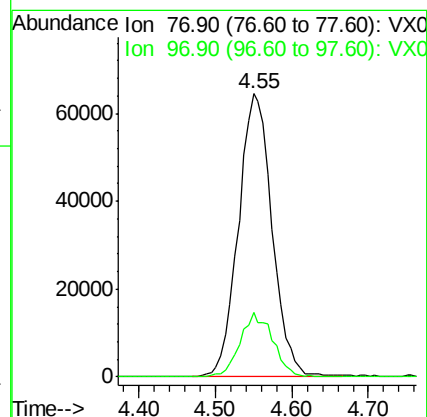
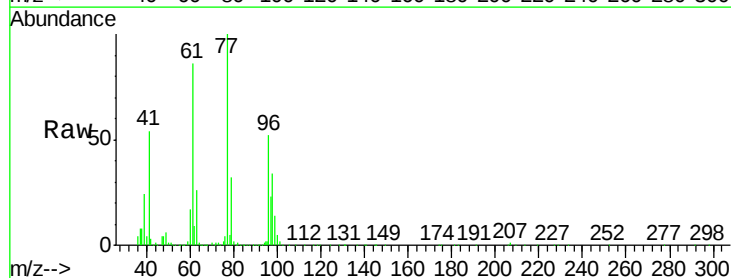
Acq: 31 Aug 2020 13:14

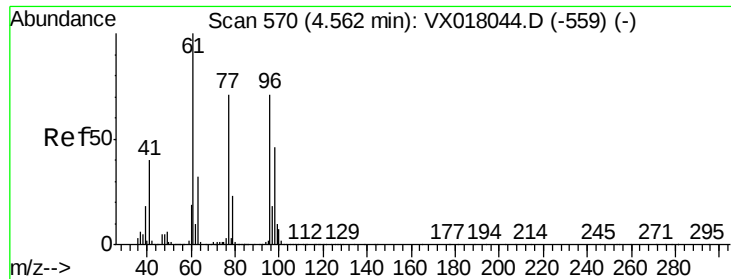
Tgt Ion: 77 Resp: 195984

Ion Ratio Lower Upper

77 100

97 22.1 11.5 34.5





#27

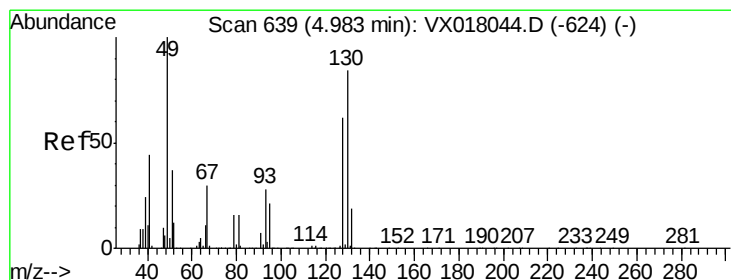
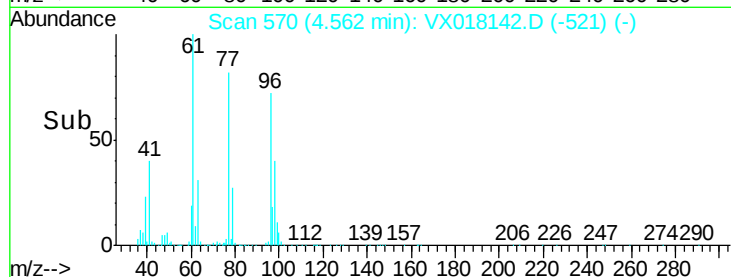
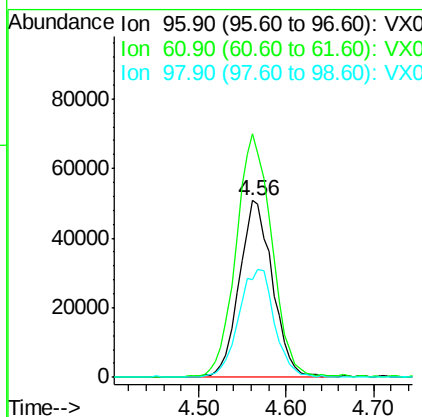
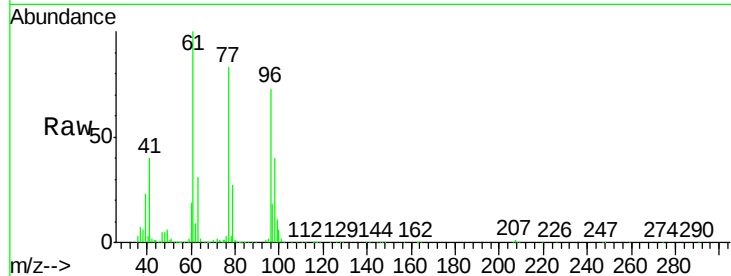
cis-1,2-Dichloroethene
Concen: 18.975 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	134272		
61	148.4	0.0	296.6	
98	65.8	0.0	130.2	

Manual Integrations
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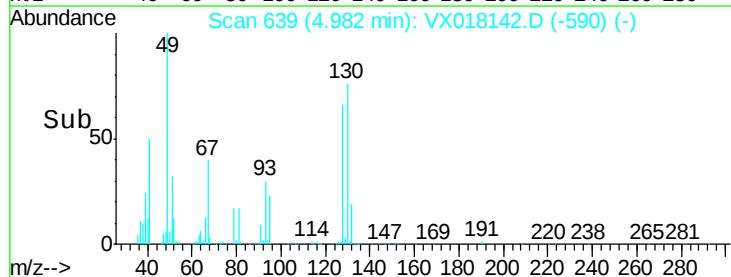
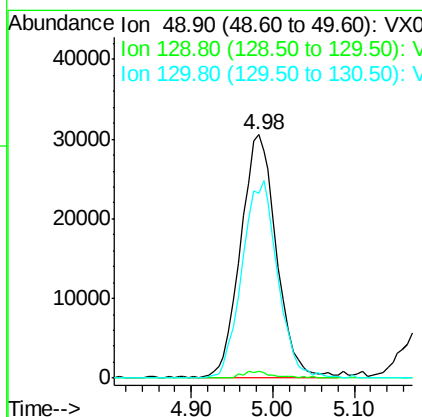
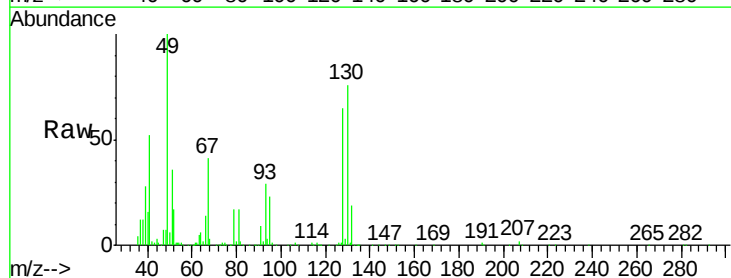
MMDadoda
9/1/2020 9:08:52 AM

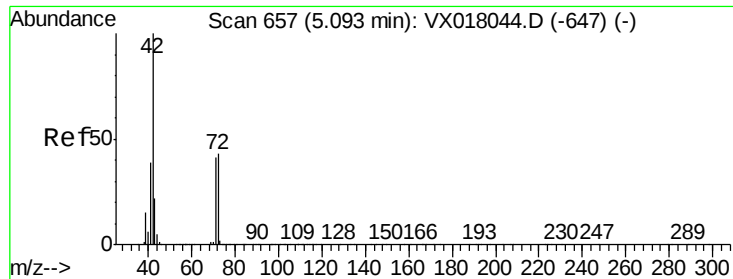


#28

Bromochloromethane
Concen: 17.361 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	93769		
129	2.1	0.0	4.6	
130	80.0	64.6	96.8	





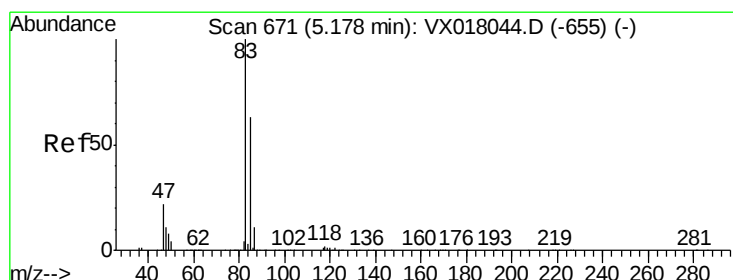
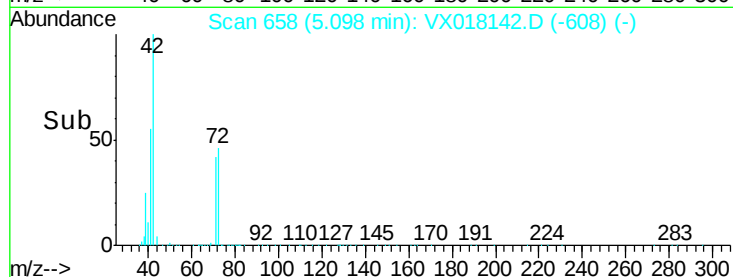
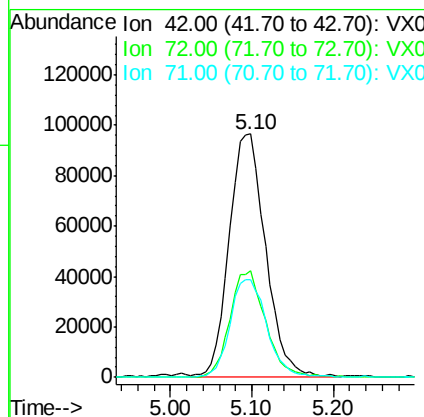
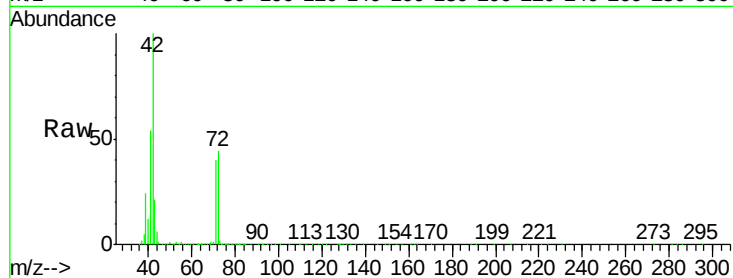
#29
Tetrahydrofuran
Concen: 91.984 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.4
71	41.0	32.1	48.1

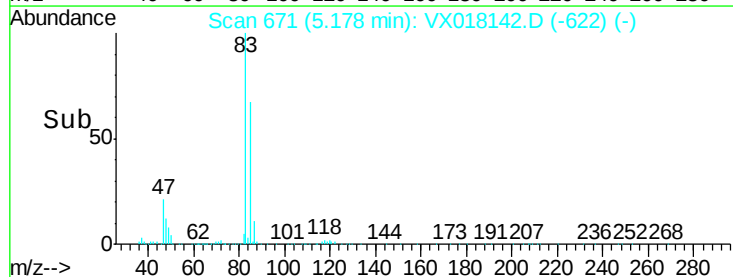
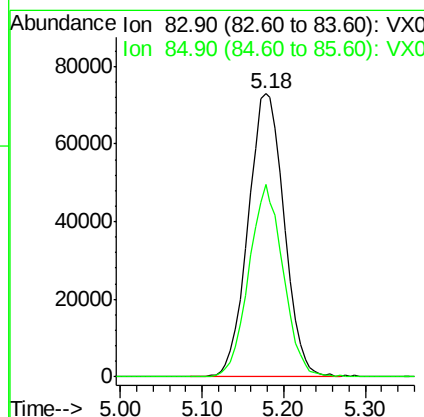
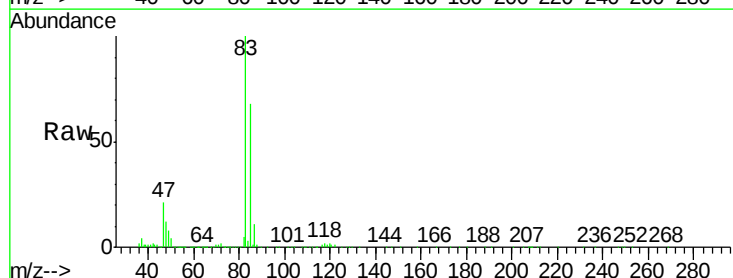
Manual Integrations
APPROVED

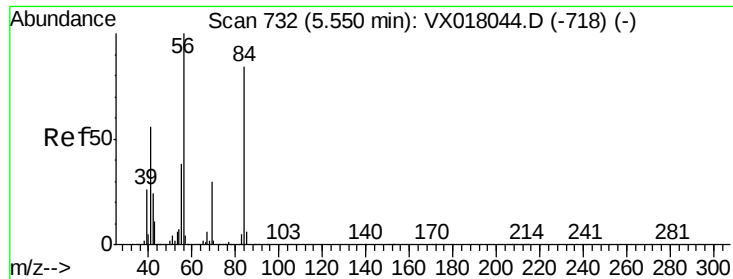
MMDadoda
9/1/2020 9:08:52 AM



#30
Chloroform
Concen: 19.356 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.7	76.1





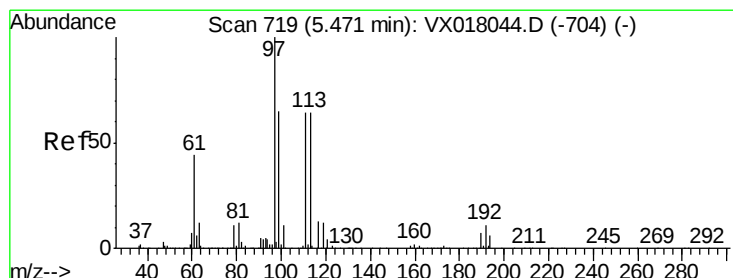
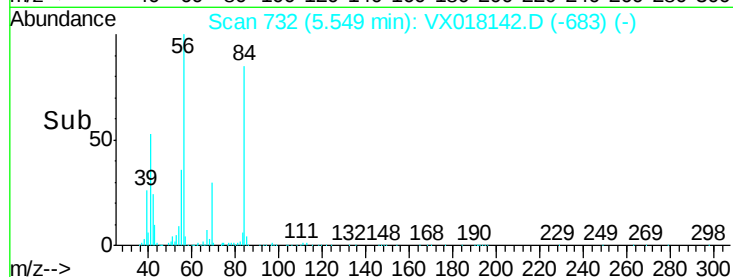
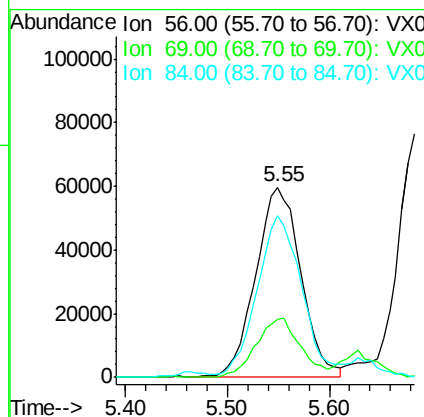
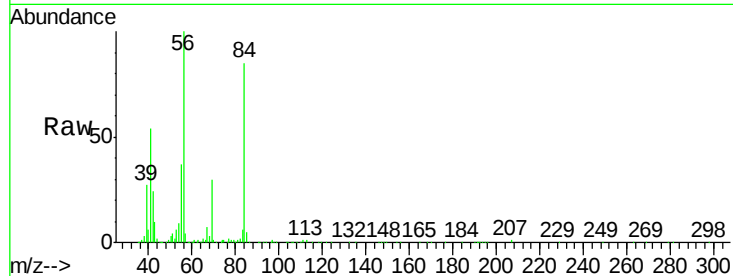
#31
Cyclohexane
Concen: 19.206 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampled :
VX0831WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.5	23.9	35.9	
84	82.4	67.0	100.4	

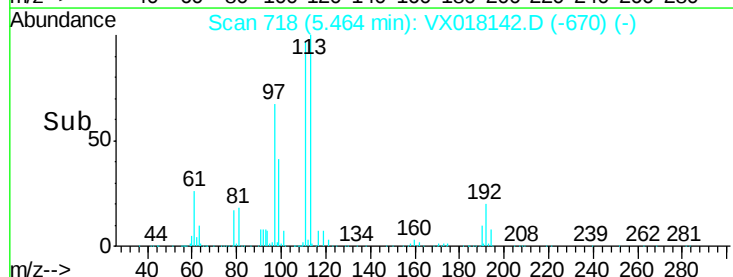
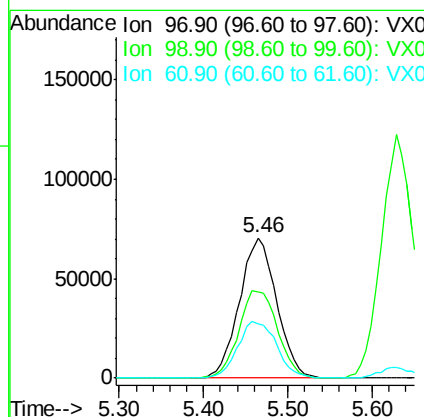
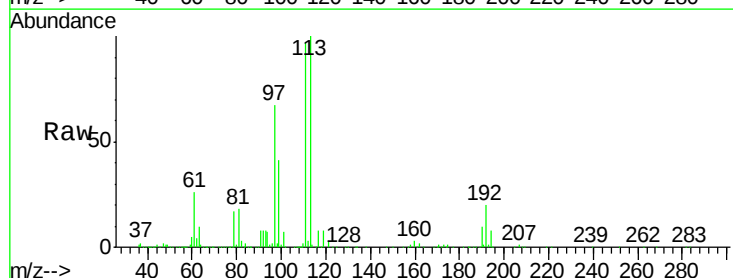
Manual Integrations
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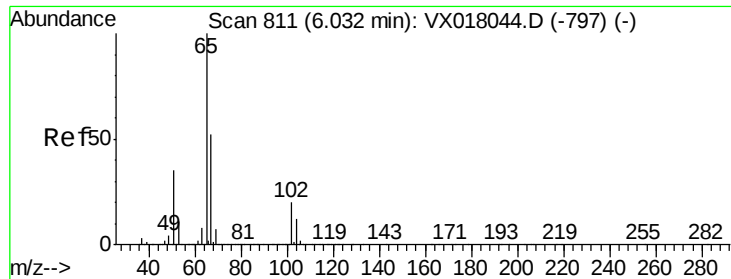
MMDadoda
9/1/2020 9:08:52 AM



#32
1,1,1-Trichloroethane
Concen: 19.864 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	51.4	77.0	
61	42.4	34.2	51.4	





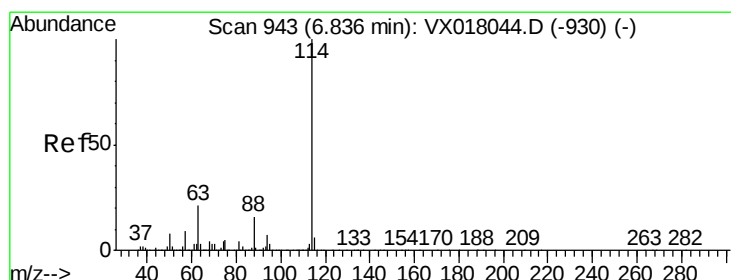
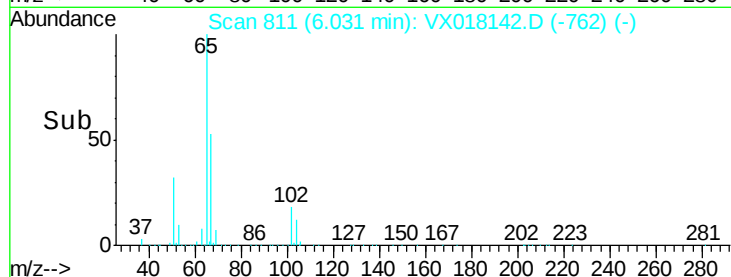
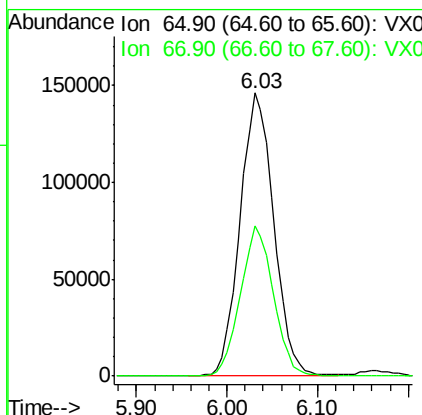
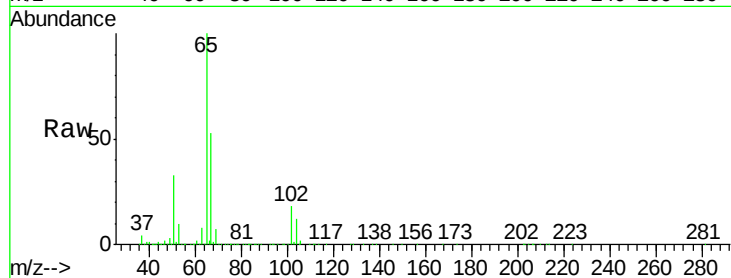
#33
 1,2-Dichloroethane-d4
 Concen: 47.870 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.8

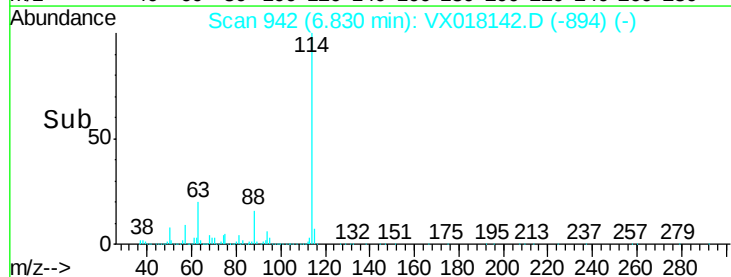
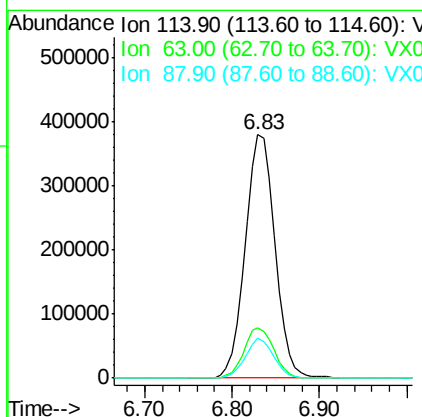
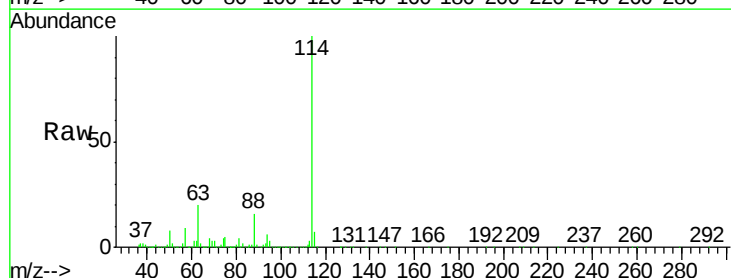
Manual Integrations
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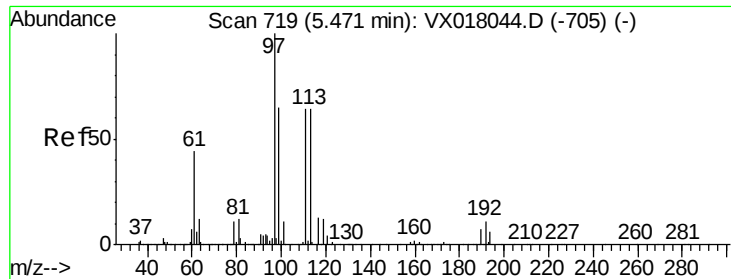
MMDadoda
 9/1/2020 9:08:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.3	0.0	31.8





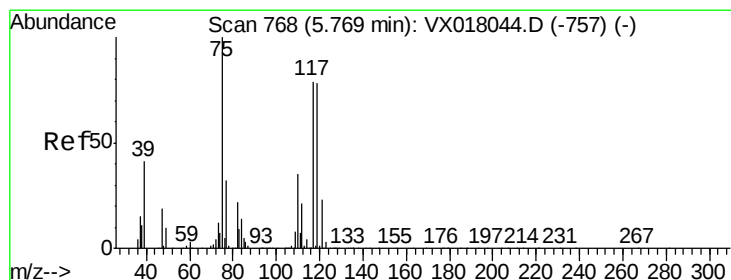
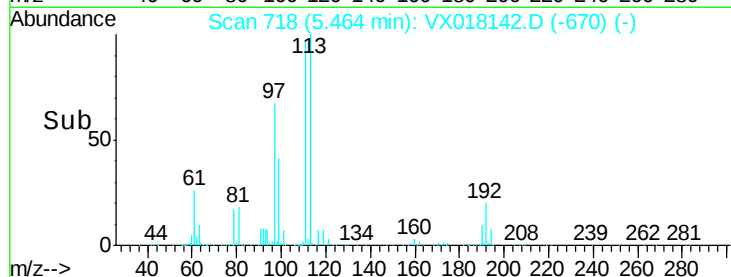
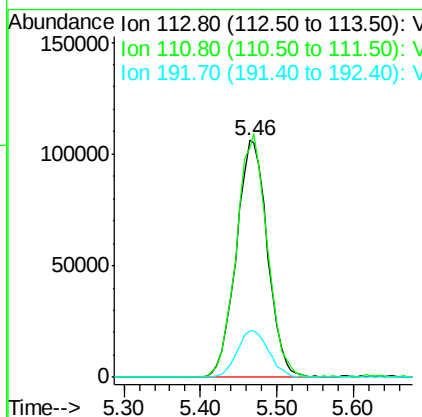
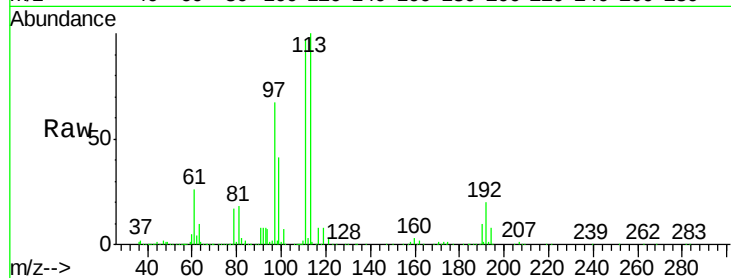
#35
 Dibromofluoromethane
 Concen: 49.312 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	300864		
111	101.7		81.6	122.4
192	20.1		15.8	23.8

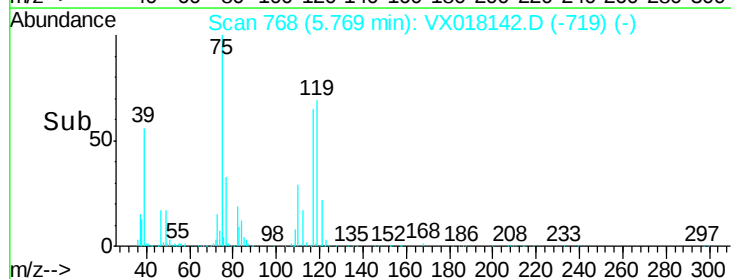
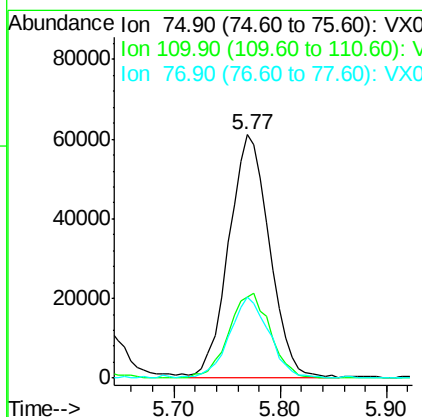
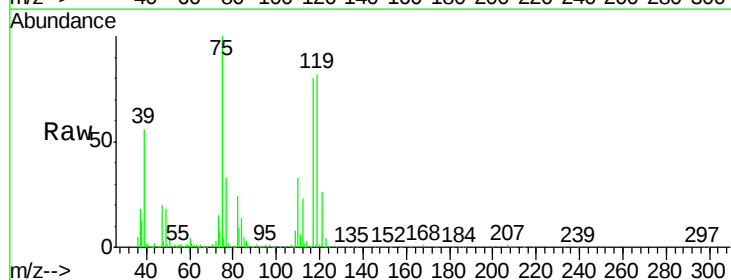
Manual Integrations
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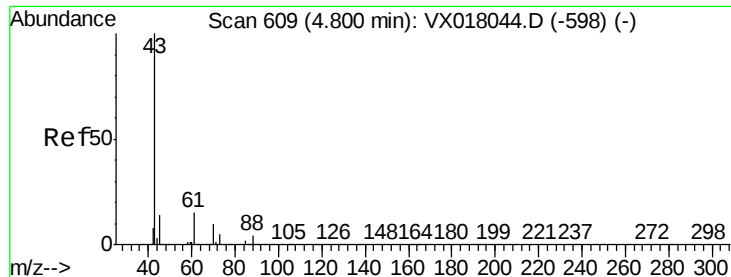
MMDadoda
 9/1/2020 9:08:52 AM



#36
 1,1-Dichloropropene
 Concen: 19.663 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162474		
110	36.0		18.0	54.0
77	32.2		24.4	36.6





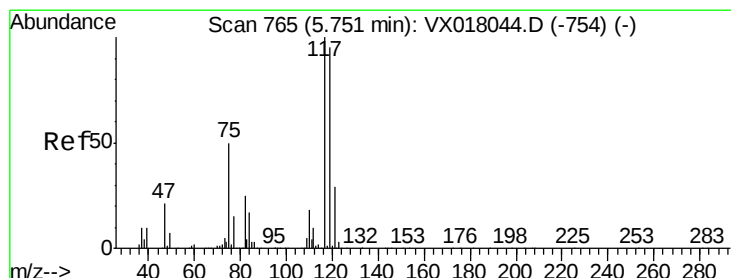
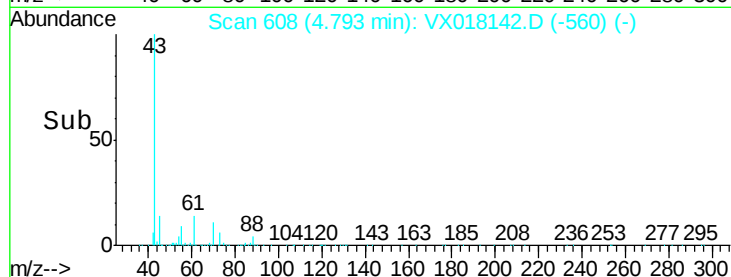
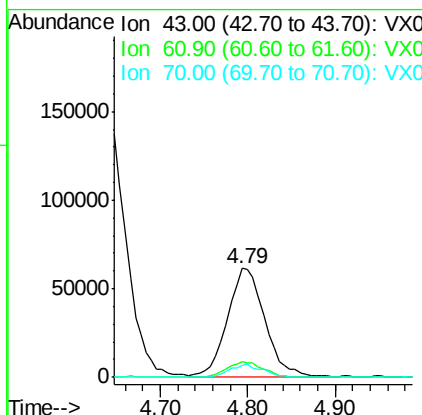
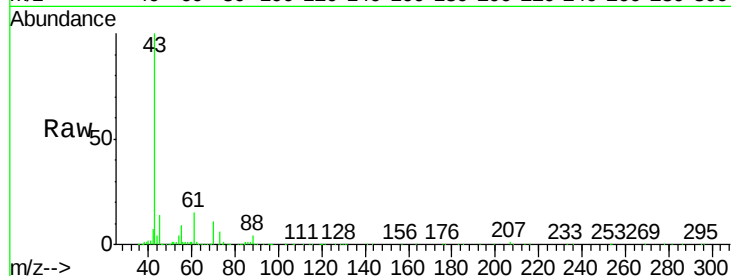
#37
Ethyl Acetate
Concen: 18.774 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	43	Resp	180176
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	11.3	8.2	12.4

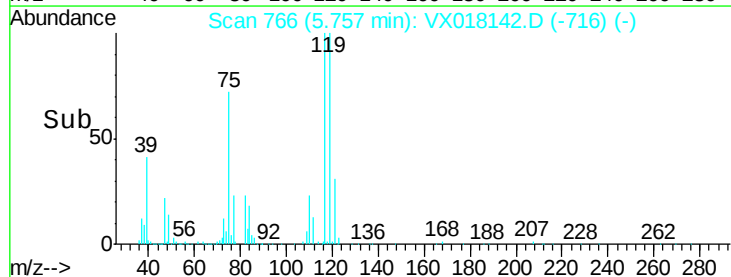
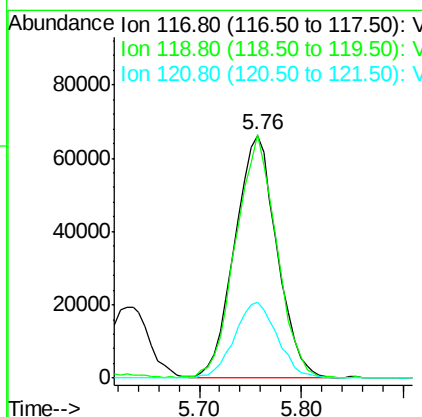
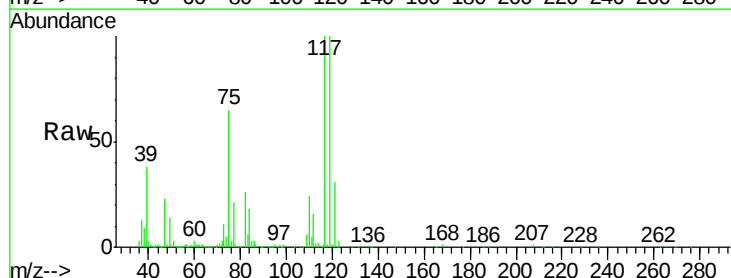
Manual Integrations
APPROVED

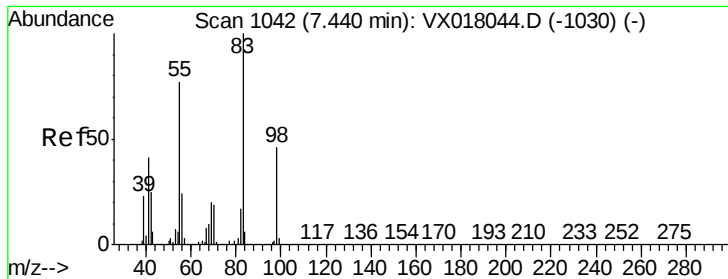
MMDadoda
9/1/2020 9:08:52 AM



#38
Carbon Tetrachloride
Concen: 20.290 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	117	Resp	188944
Ion Ratio	Lower	Upper	
117	100		
119	100.5	75.8	113.6
121	31.2	23.4	35.0





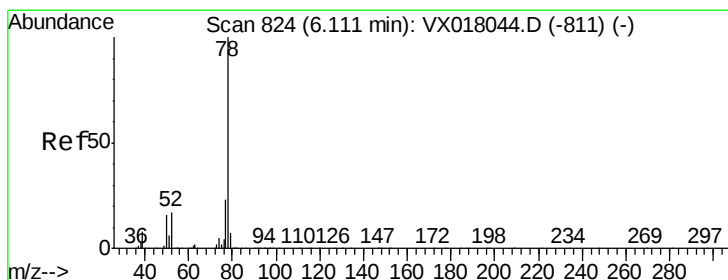
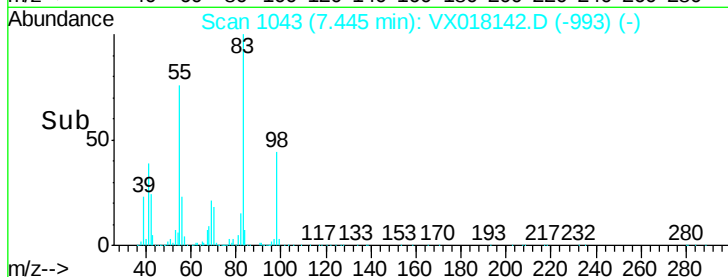
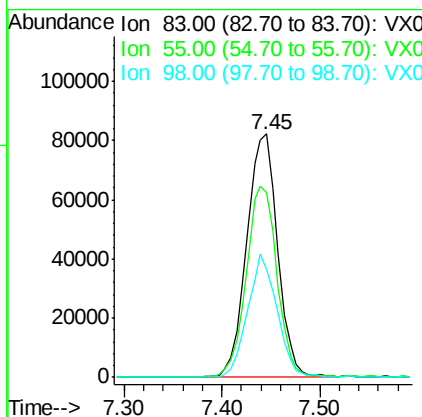
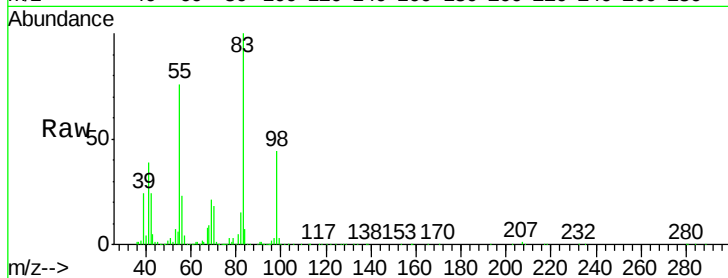
#39
Methvlcvclohexane
Concen: 19.956 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.8	92.6
98	44.4	36.6	55.0

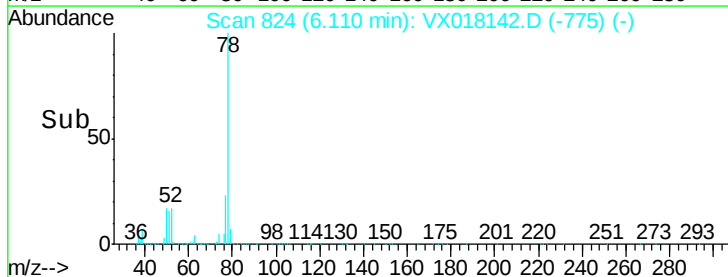
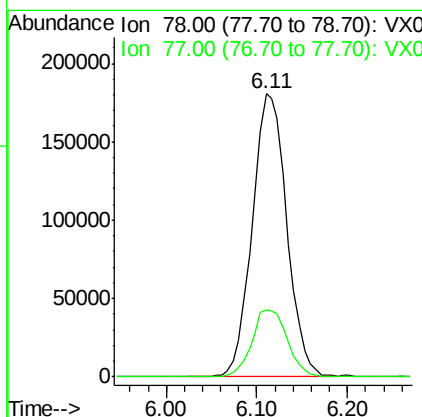
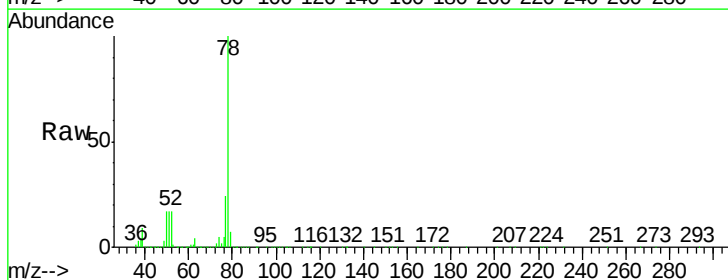
Manual Integrations
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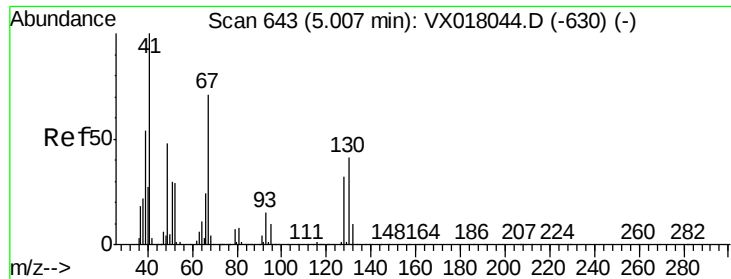
MMDadoda
9/1/2020 9:08:52 AM



#40
Benzene
Concen: 19.589 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.2





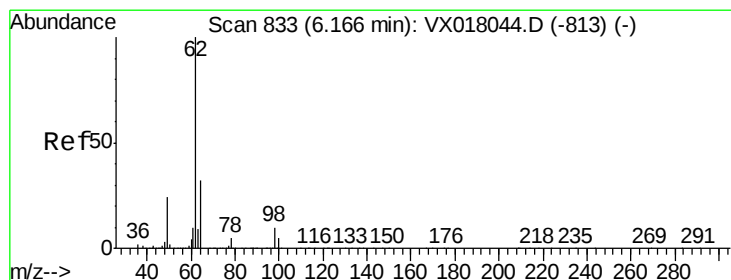
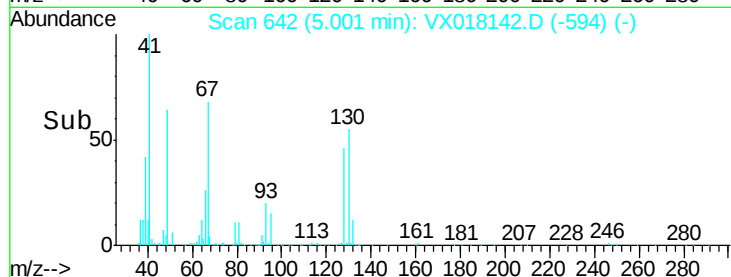
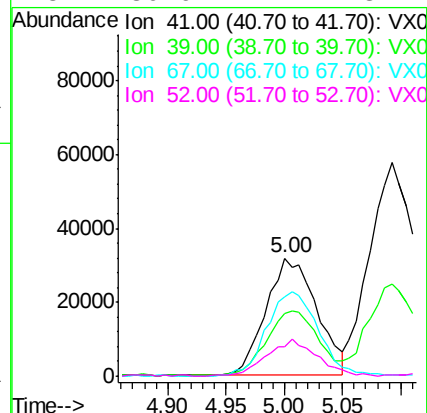
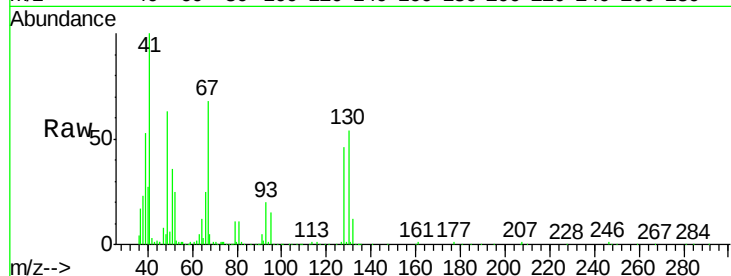
#41
Methacrylonitrile
Concen: 18.301 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.1	64.7	
67	73.4	56.0	84.0	
52	30.9	22.7	34.1	

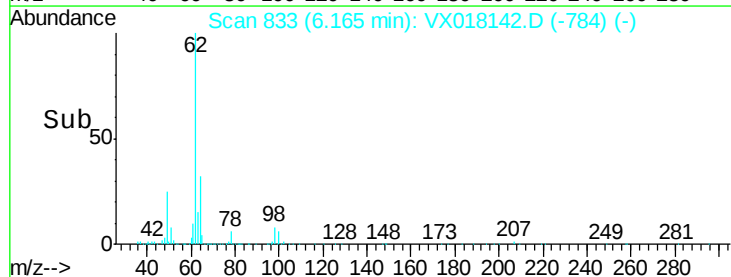
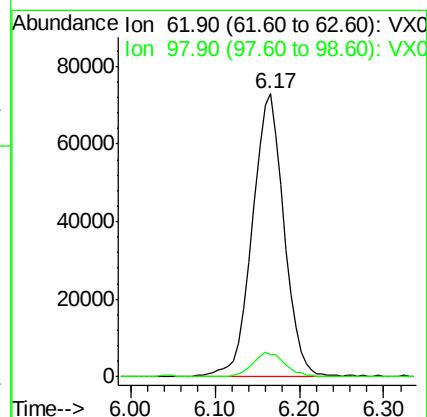
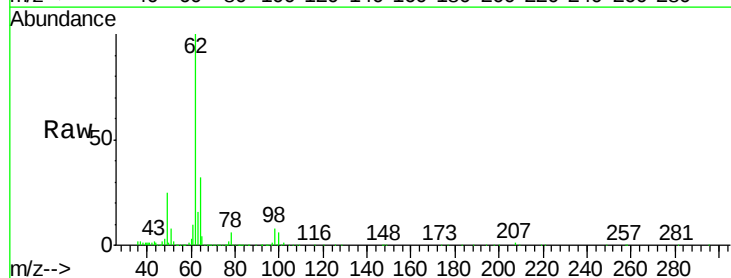
Manual Integrations
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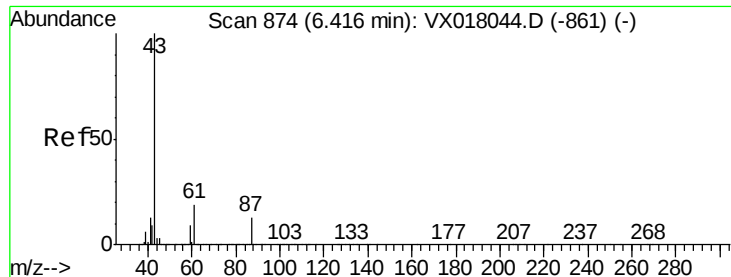
MMDadoda
9/1/2020 9:08:52 AM



#42
1,2-Dichloroethane
Concen: 19.861 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.2	





#43

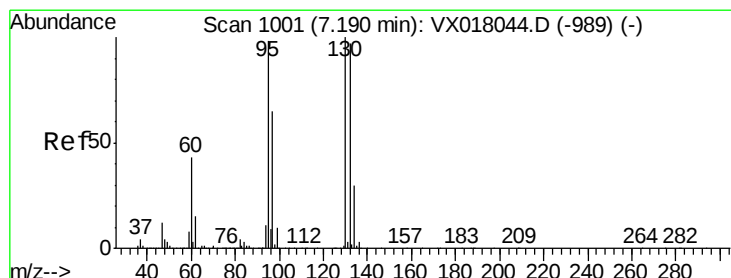
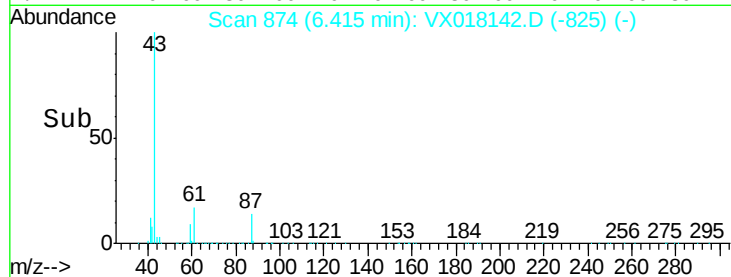
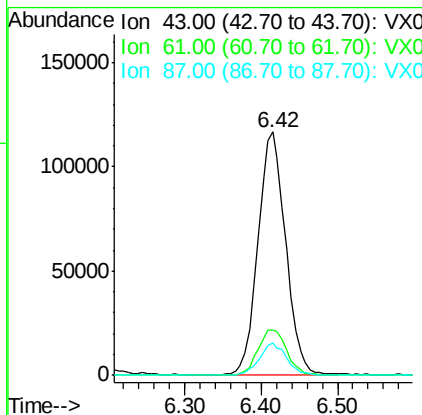
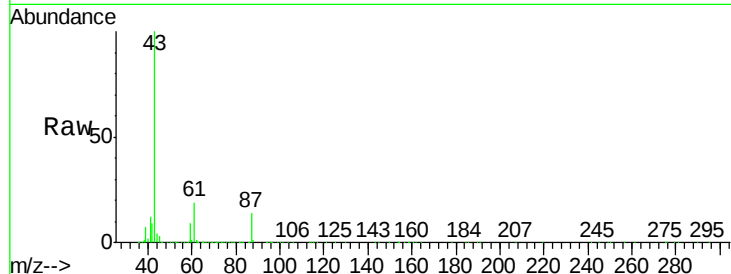
Isopropyl Acetate
 Concen: 19.033 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0831WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.2	10.3	15.5

Manual Integrations
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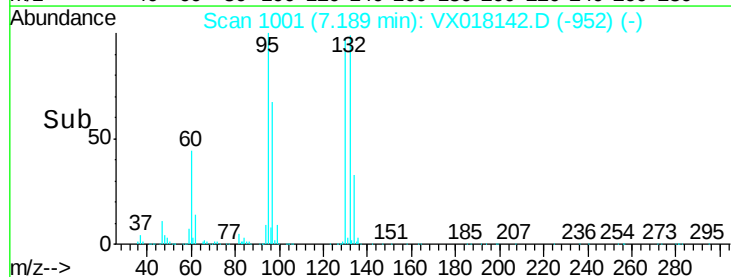
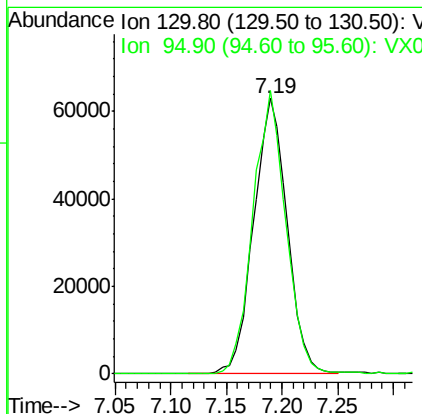
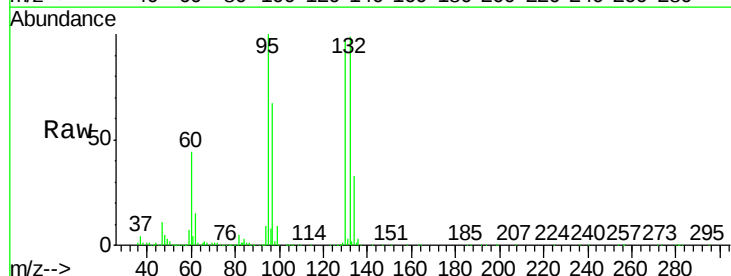
MMDadoda
 9/1/2020 9:08:52 AM

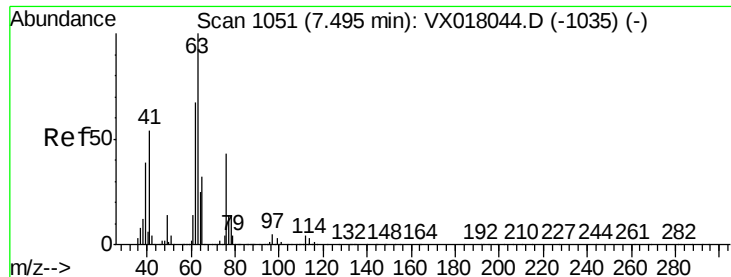


#44

Trichloroethene
 Concen: 19.251 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	196.4





#45

1,2-Dichloropropane

Concen: 19.769 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion: 63 Resp: 129367

Ion Ratio Lower Upper

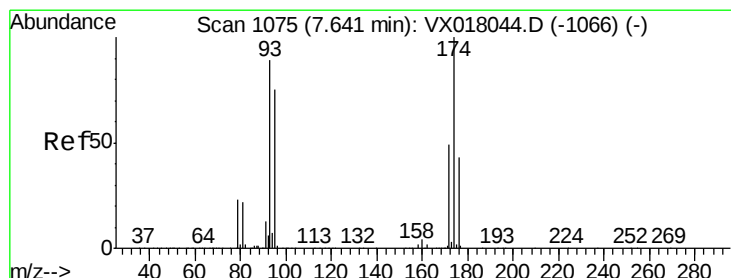
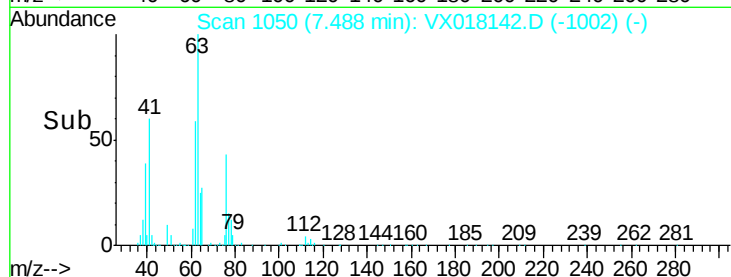
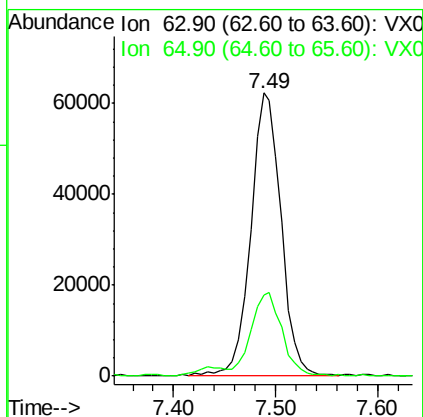
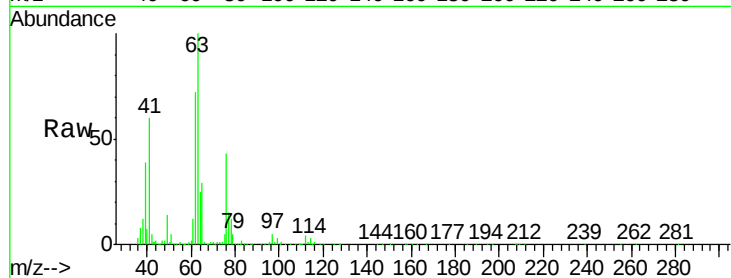
63 100

65 28.2 25.7 38.5

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#46

Dibromomethane

Concen: 19.342 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

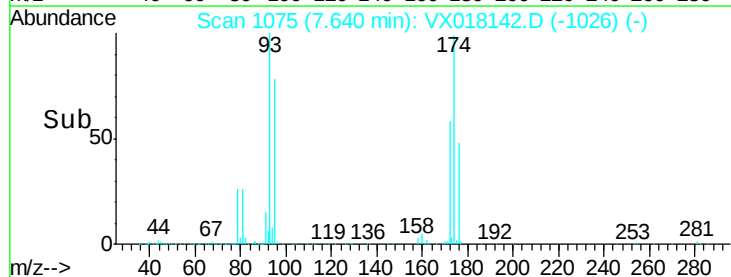
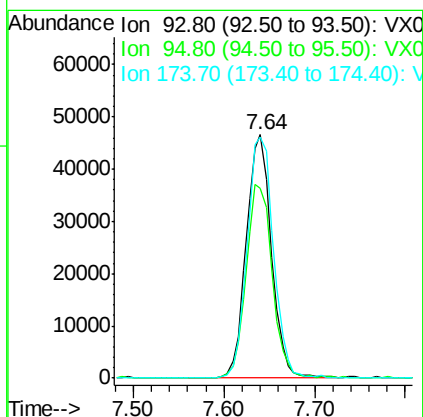
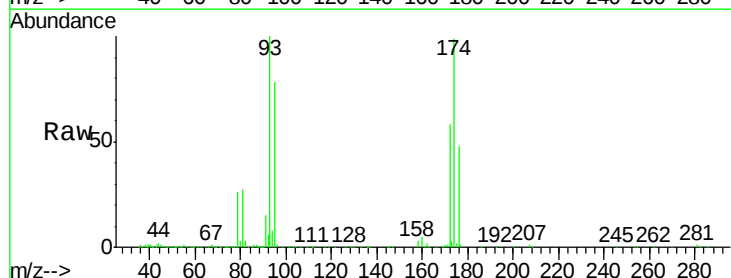
Tgt Ion: 93 Resp: 89004

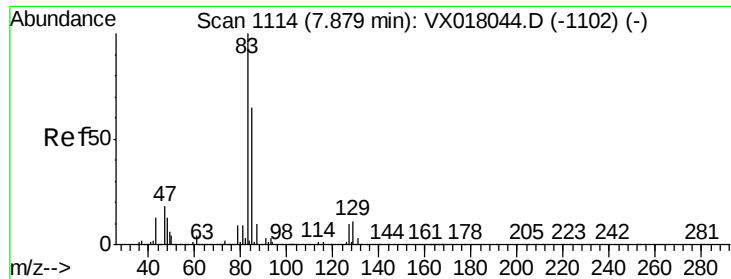
Ion Ratio Lower Upper

93 100

95 83.3 67.3 100.9

174 104.6 82.2 123.2





#47

Bromodichloromethane

Concen: 20.106 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

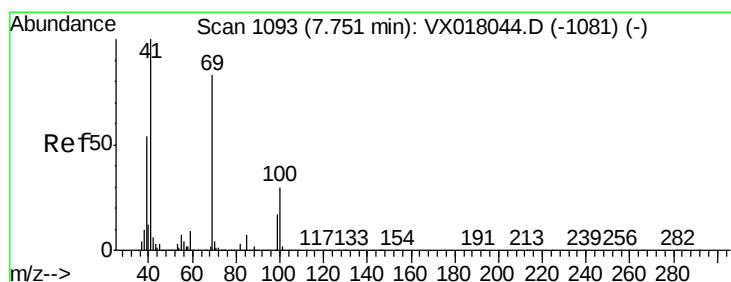
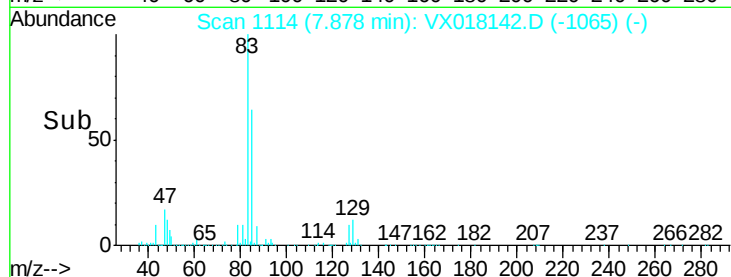
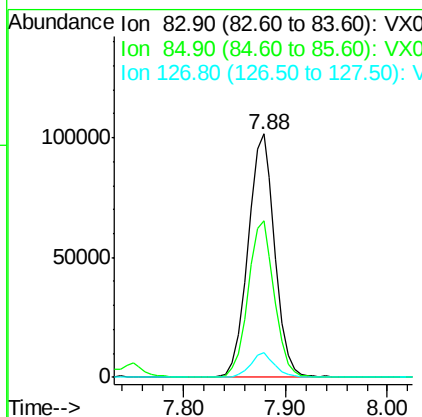
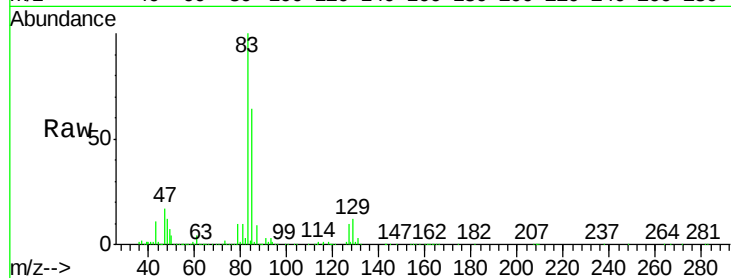
ClientSampled :

VX0831WBS01

Tot Ion:	83	Resp:	184741
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.8	77.6
127	10.2	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.653 ug/l

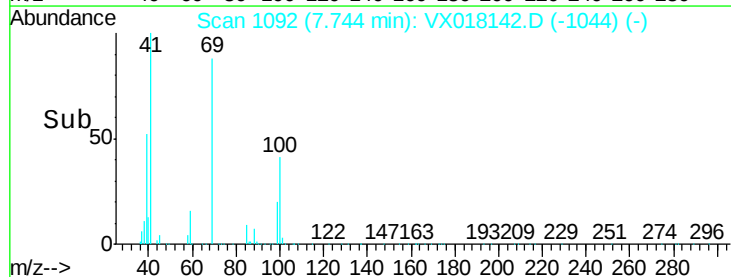
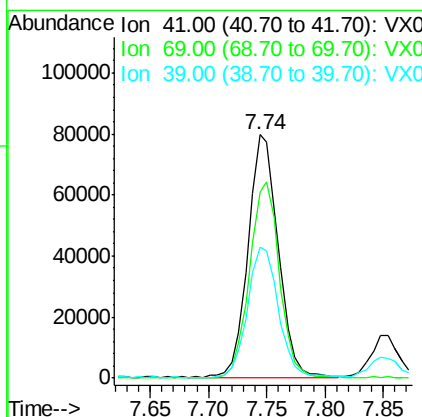
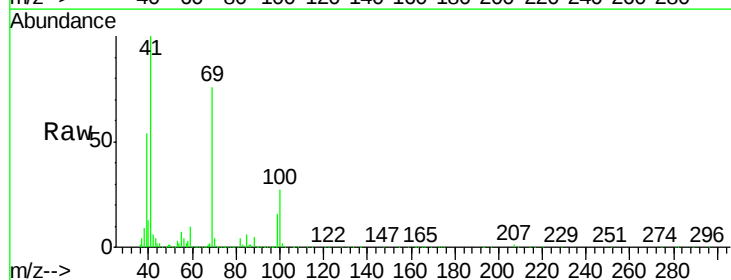
RT: 7.74 min Scan# 1092

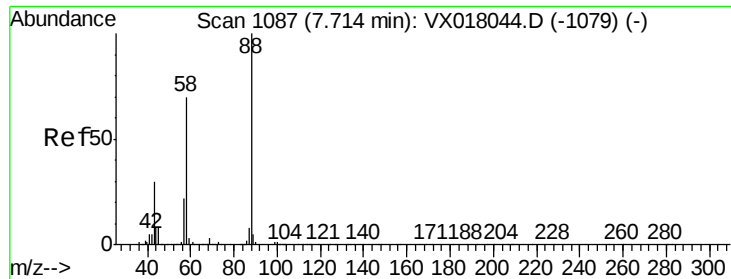
Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion:	41	Resp:	143937
Ion Ratio	Lower	Upper	
41	100		
69	80.3	65.5	98.3
39	55.4	44.5	66.7





#49

1,4-Dioxane

Concen: 372.396 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

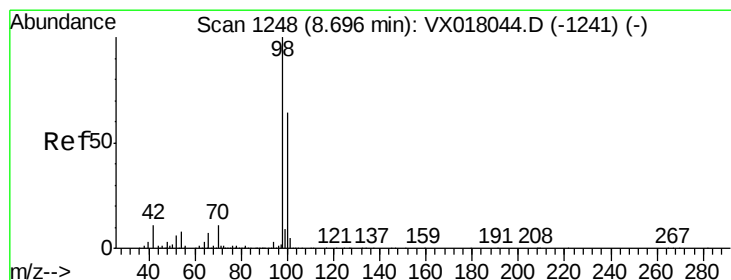
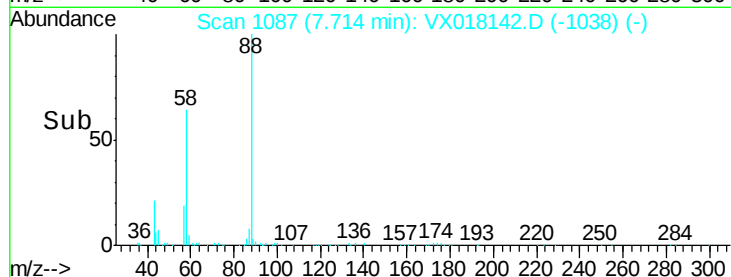
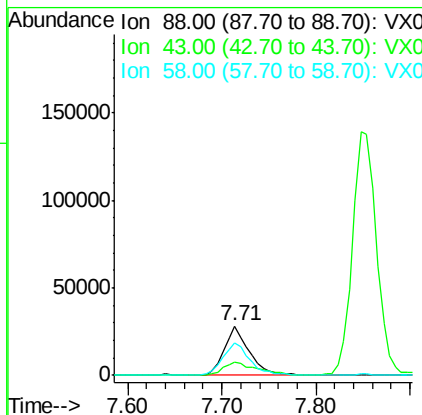
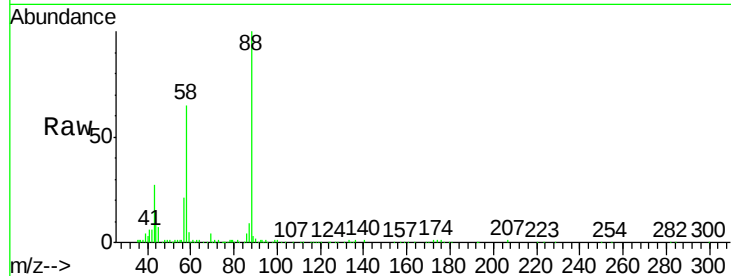
ClientSampleId :

VX0831WBS01

Tot Ion:	88	Resp:	52052
Ion	Ratio	Lower	Upper
88	100		
43	35.8	27.4	41.0
58	69.7	56.4	84.6

Manual Integrations
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#50

Toluene-d8

Concen: 47.697 ug/l

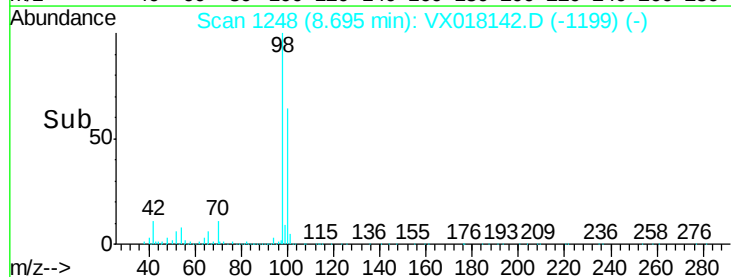
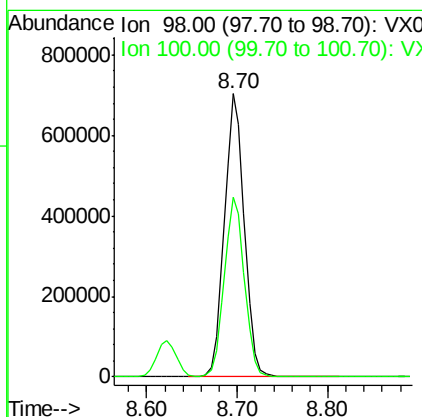
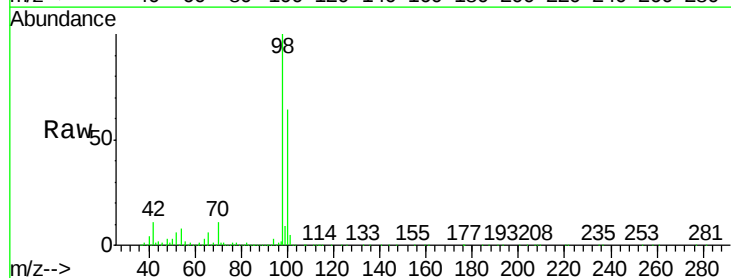
RT: 8.70 min Scan# 1248

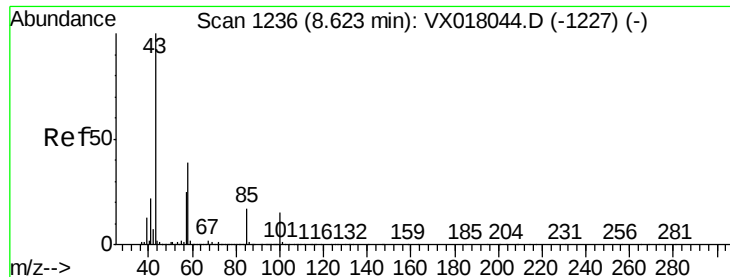
Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion:	98	Resp:	1083898
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.4





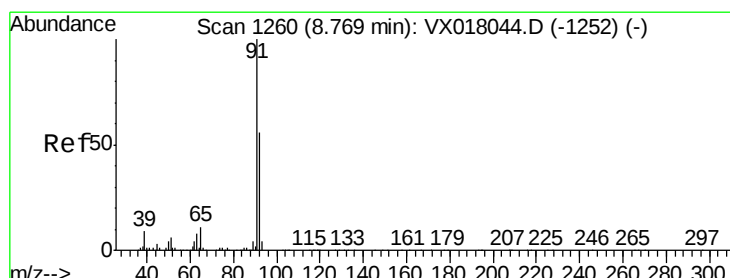
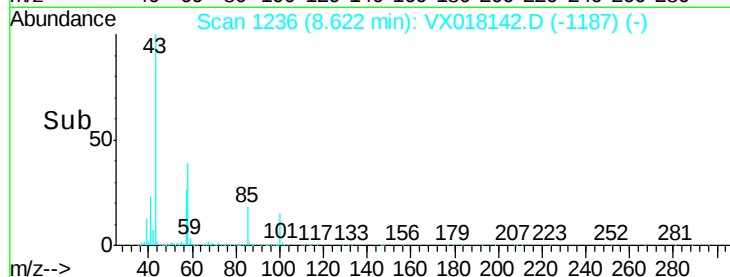
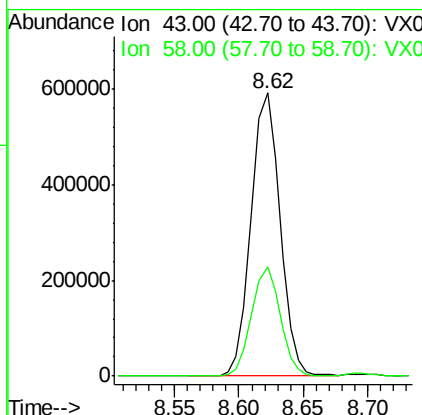
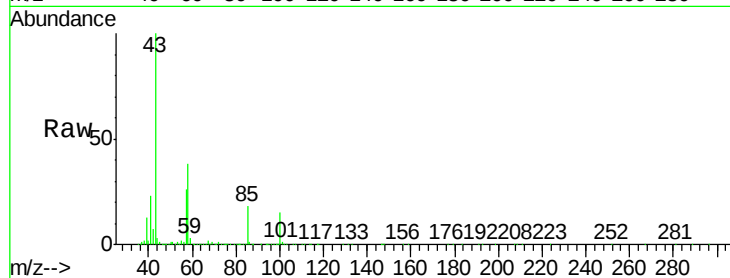
#51
4-Methyl-2-Pentanone
Concen: 96.107 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.7	46.1

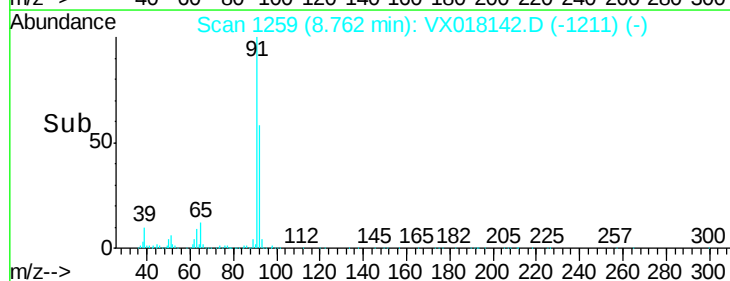
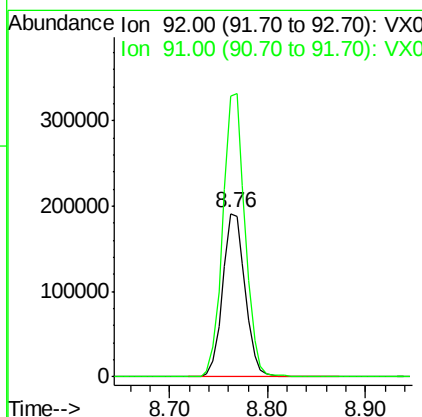
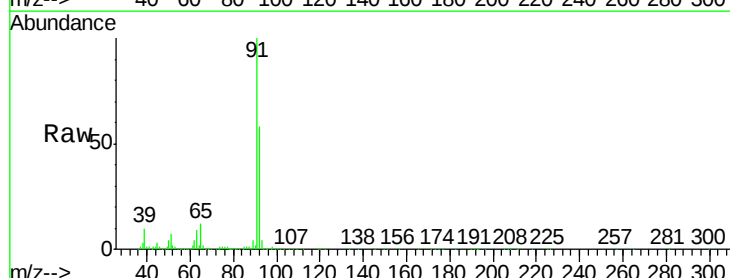
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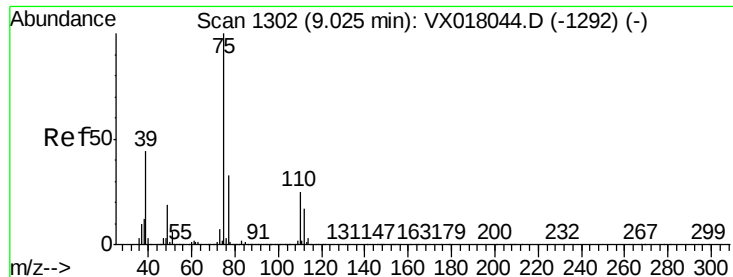
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#52
Toluene
Concen: 19.821 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	140.3	210.5





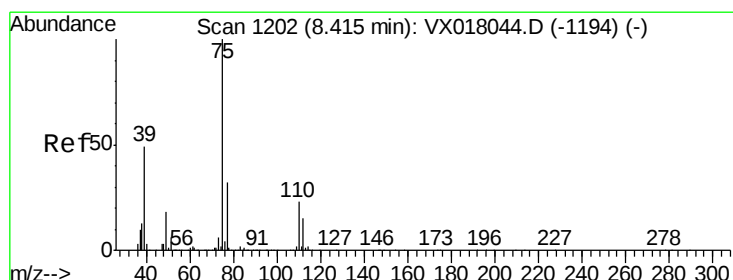
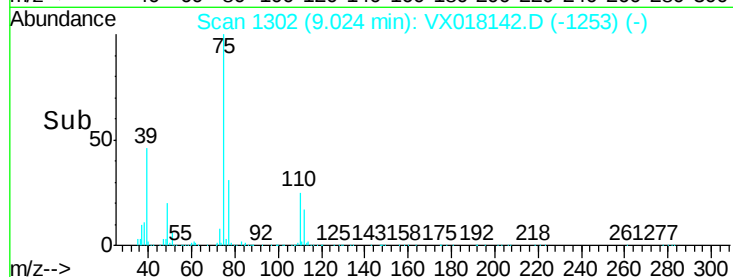
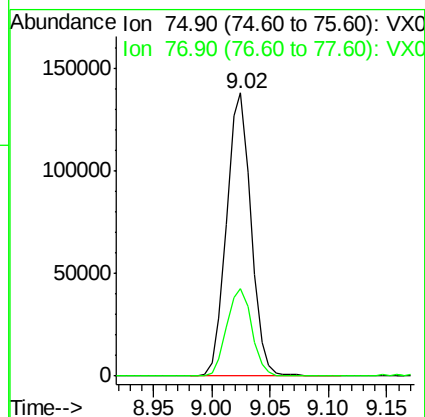
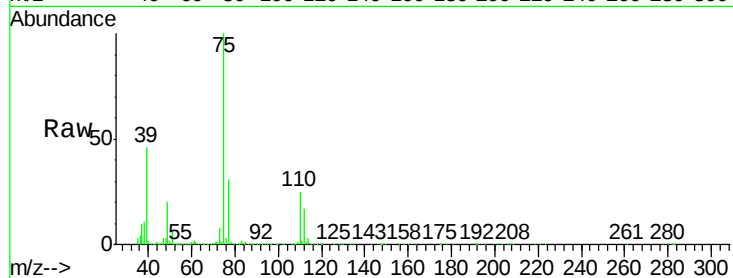
#53
t-1,3-Dichloropropene
Concen: 19.811 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampled :
VX0831WBS01

Tot Ion: 75 Resp: 201747
Ion Ratio Lower Upper
75 100
77 30.8 26.6 39.8

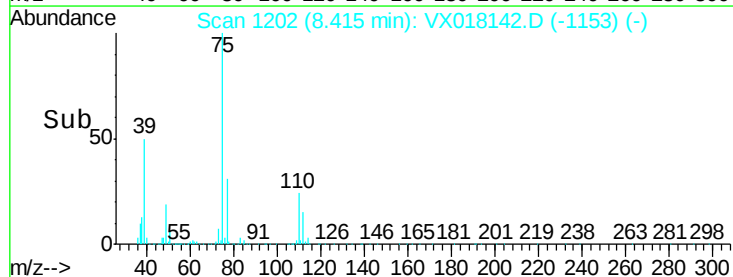
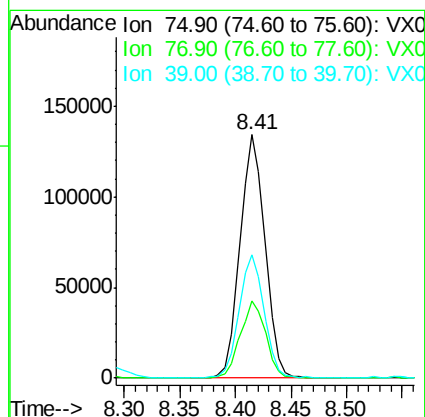
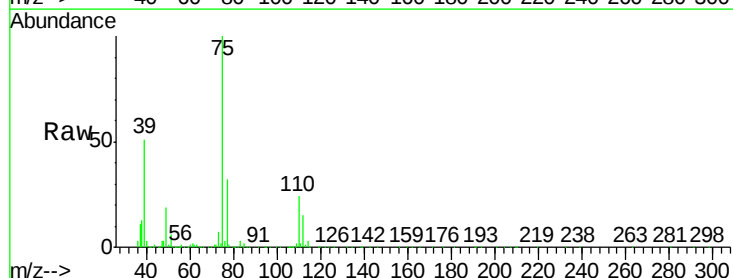
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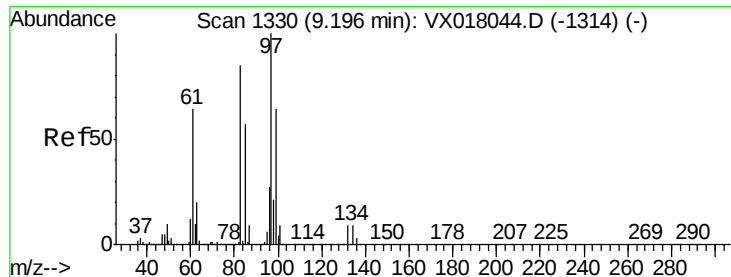
MMDadoda
9/1/2020 9:08:52 AM



#54
cis-1,3-Dichloropropene
Concen: 19.370 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 75 Resp: 208956
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
39 50.4 38.8 58.2





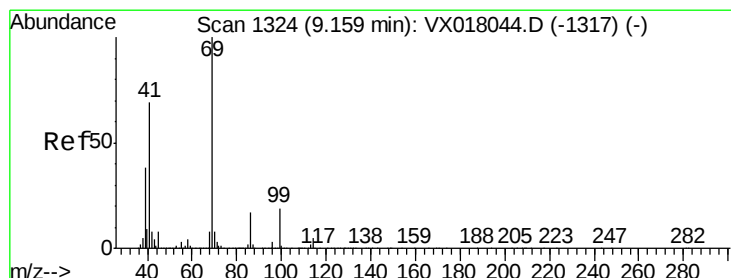
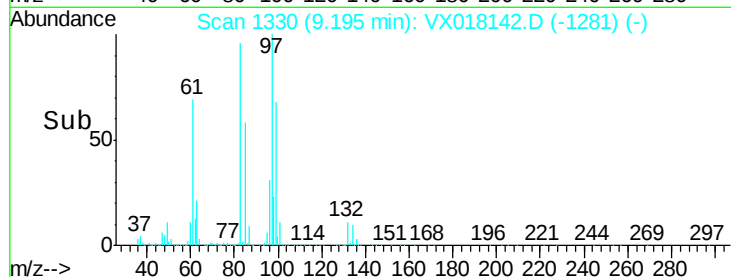
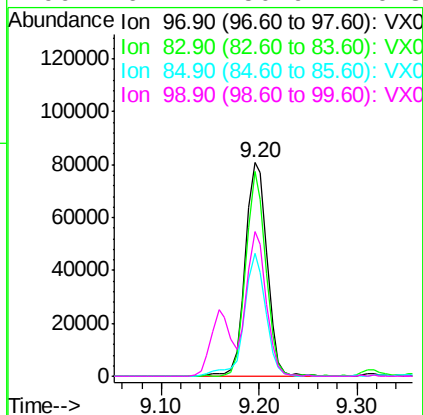
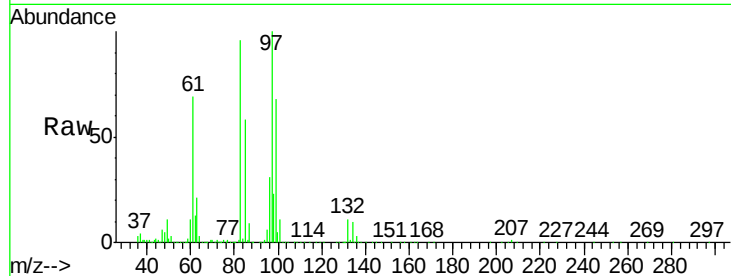
#55
 1,1,2-Trichloroethane
 Concen: 19.067 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		125194		
83	96.1	67.8	101.6		
85	57.5	45.3	67.9		
99	67.7	50.9	76.3		

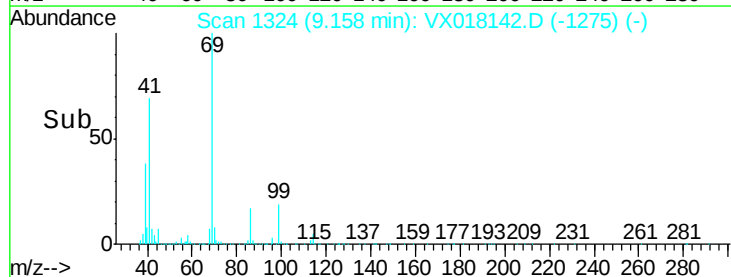
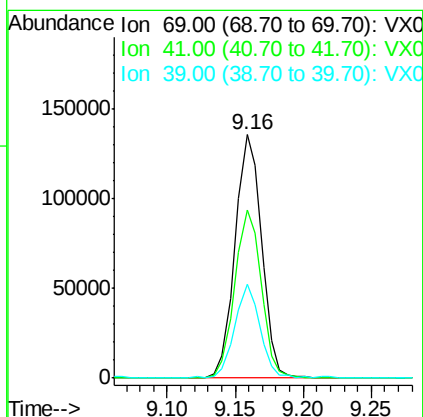
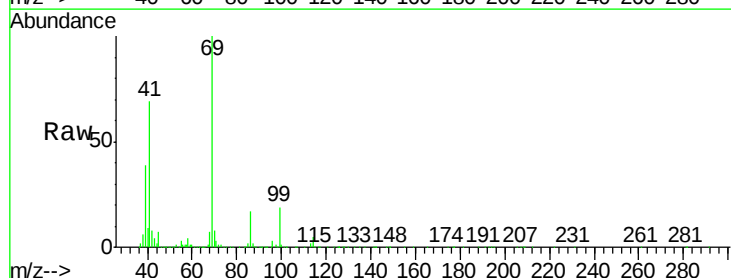
Manual Integrations
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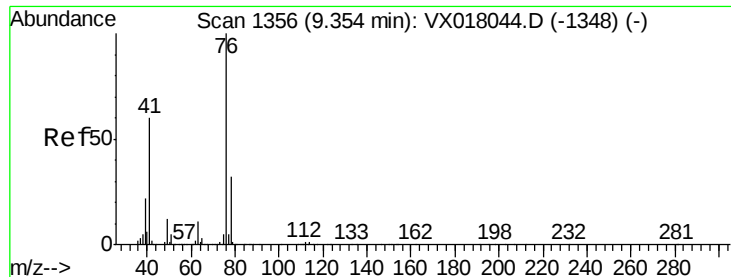
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 9/1/2020 9:08:52 AM



#56
 Ethyl methacrylate
 Concen: 18.857 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		184067		
41	68.9	54.6	81.8		
39	36.3	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 19.669 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion: 76 Resp: 213010

Ion Ratio Lower Upper

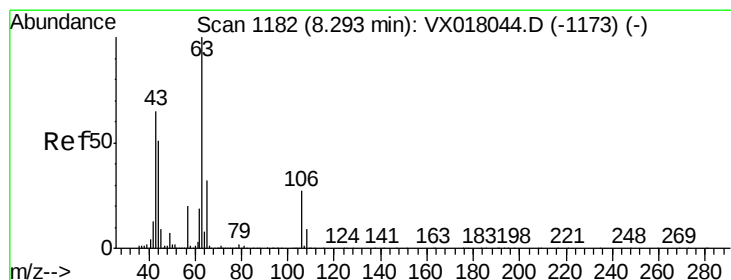
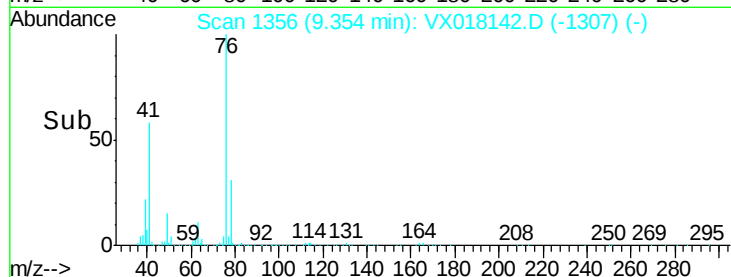
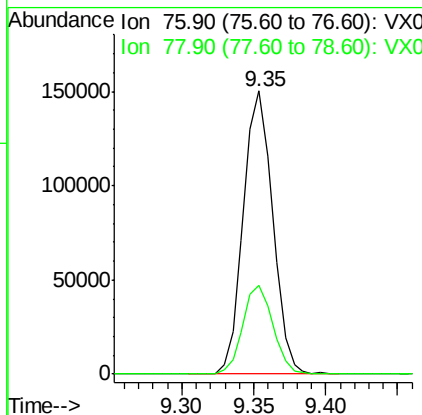
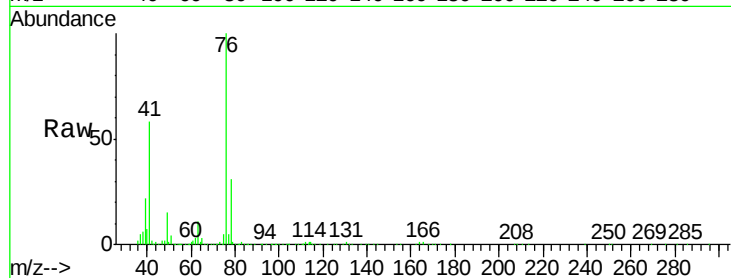
76 100

78 32.2 25.8 38.6

Manual Integrations
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9/1/2020 9:08:52 AM



#58

2-Chloroethyl Vinyl ether

Concen: 89.837 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018142.D

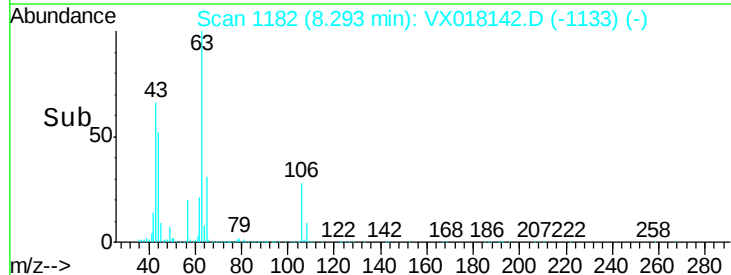
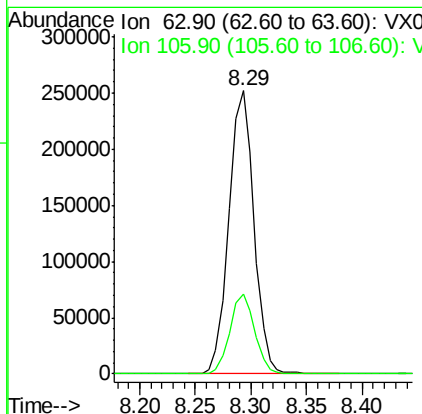
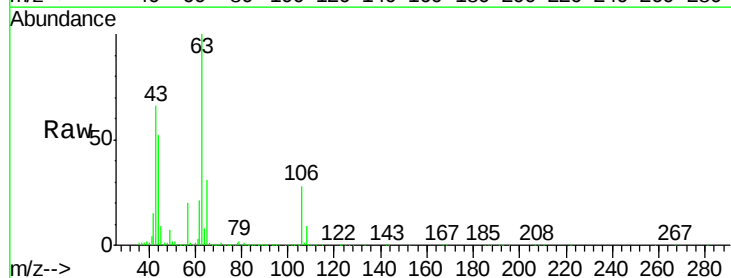
Acq: 31 Aug 2020 13:14

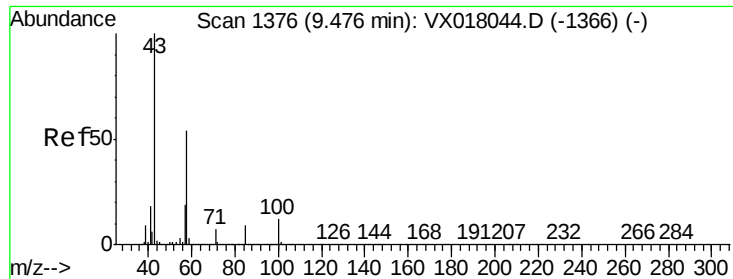
Tgt Ion: 63 Resp: 394481

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1





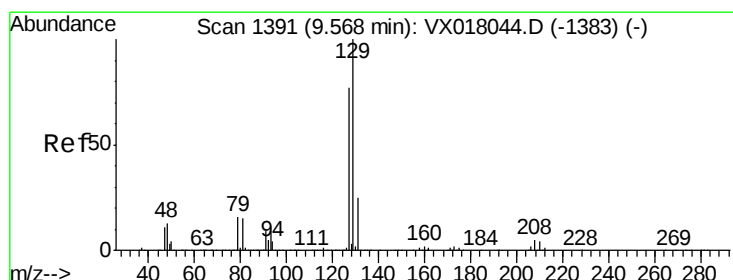
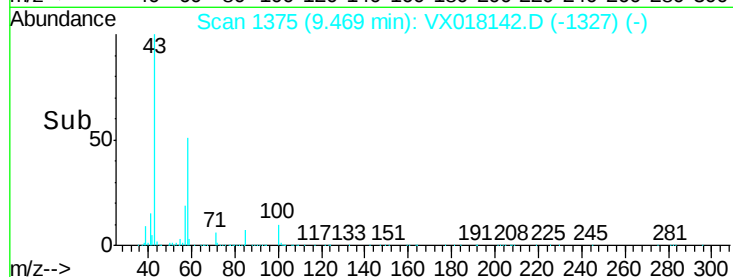
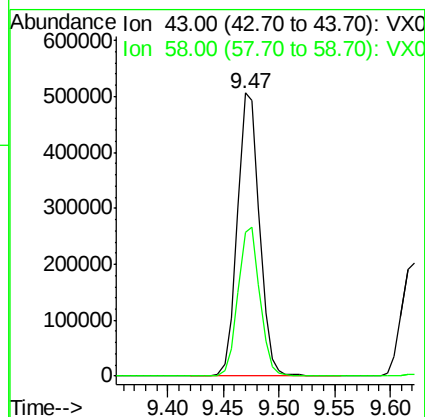
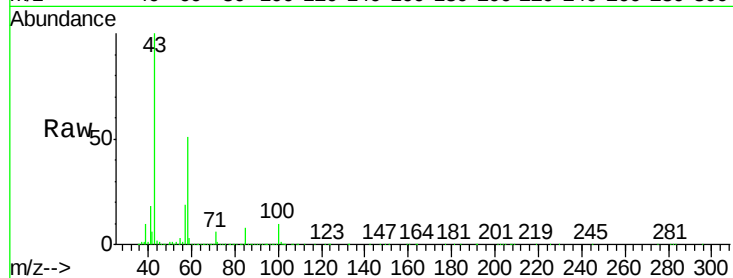
#59
2-Hexanone
Concen: 95.238 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.6	79.7

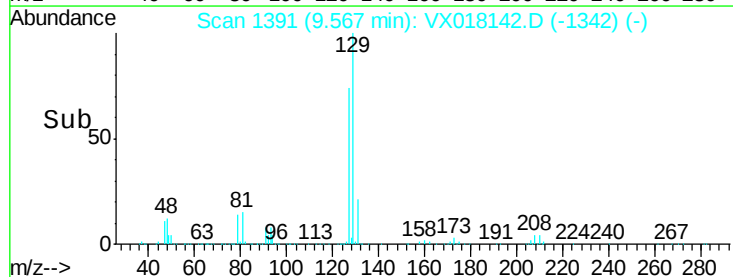
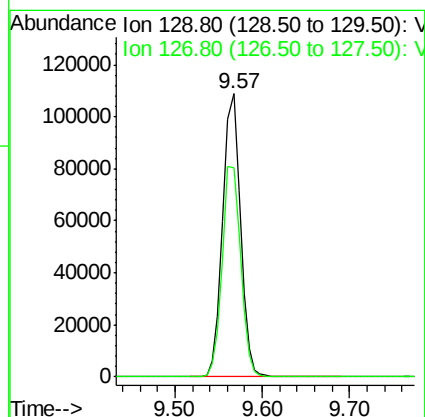
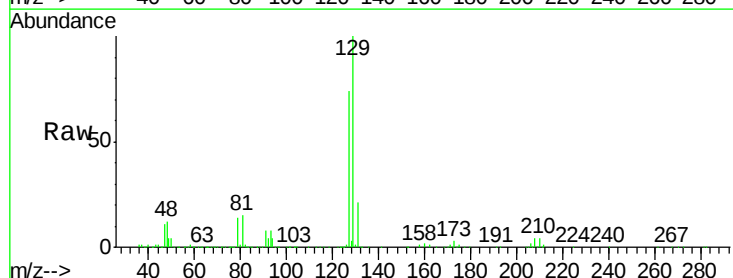
Manual Integrations
APPROVED

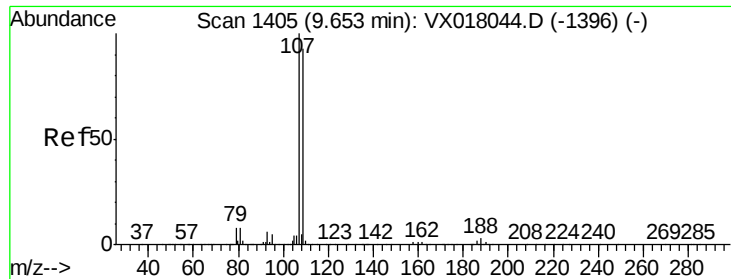
MMDadoda
9/1/2020 9:08:52 AM



#60
Dibromochloromethane
Concen: 19.921 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.9	116.6





#61

1,2-Dibromoethane

Concen: 19.371 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion: 107 Resp: 138090

Ion Ratio Lower Upper

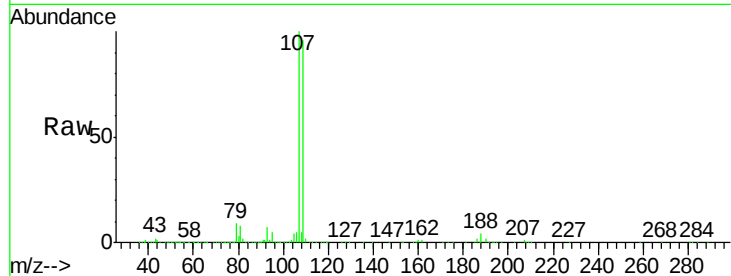
107 100

109 96.3 75.9 113.9

Manual Integrations
APPROVED

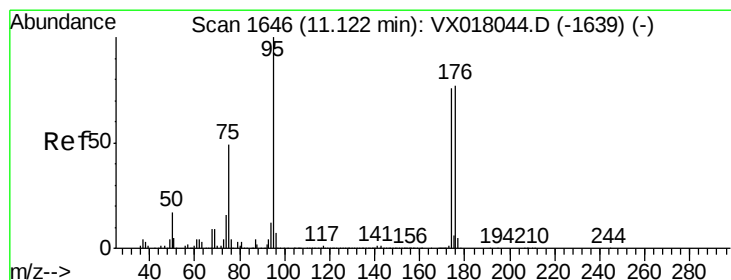
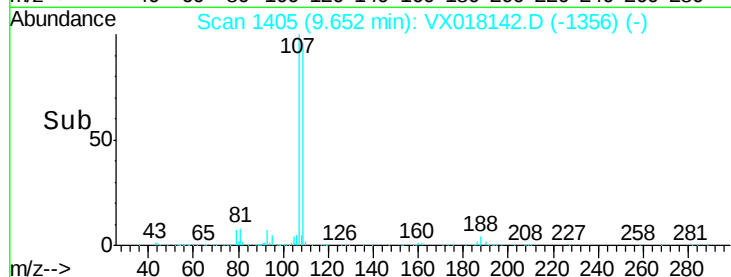
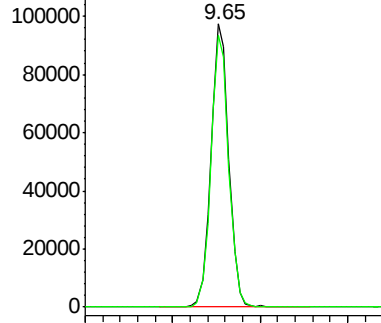
MMDadoda

9/1/2020 9:08:52 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.054 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

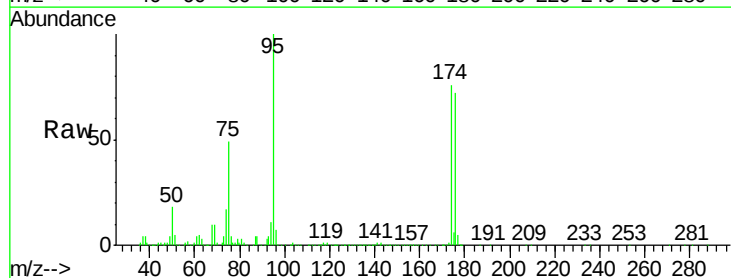
Tgt Ion: 95 Resp: 420694

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.2

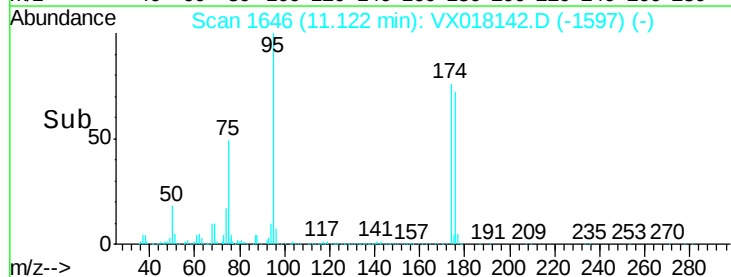
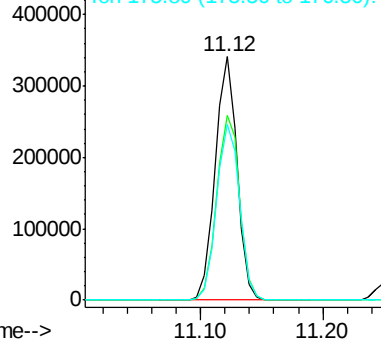
176 76.5 0.0 155.8

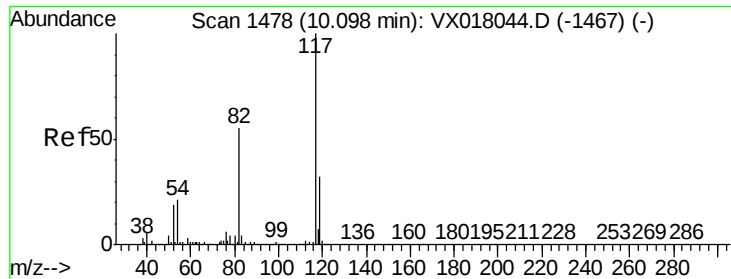


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





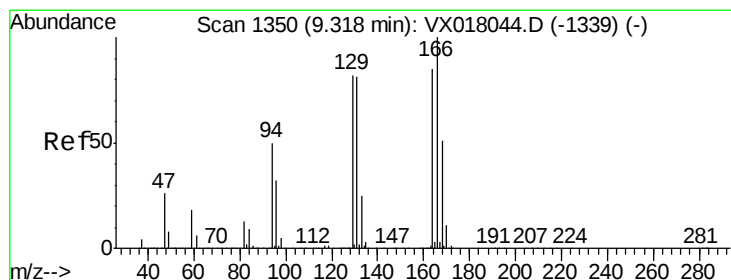
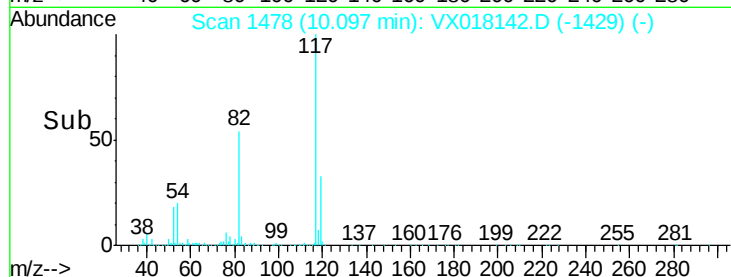
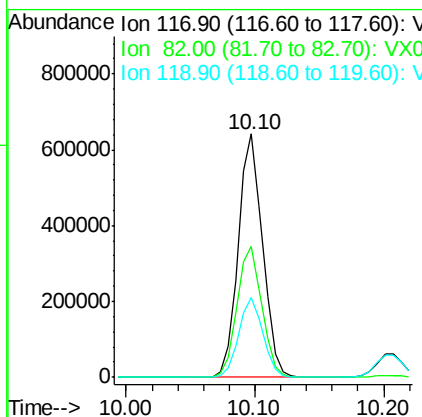
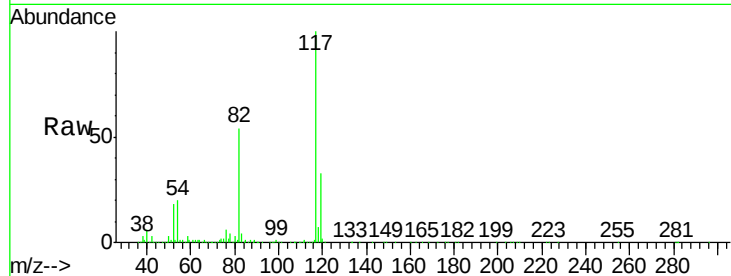
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.2
119	32.8	25.7	38.5

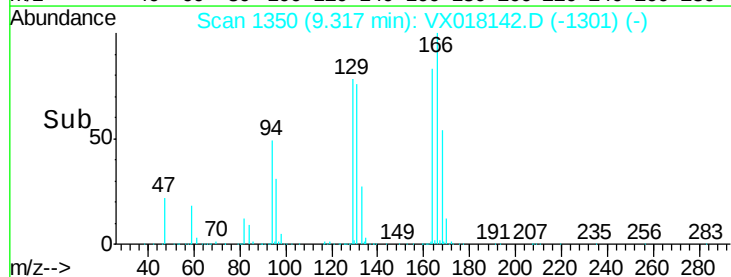
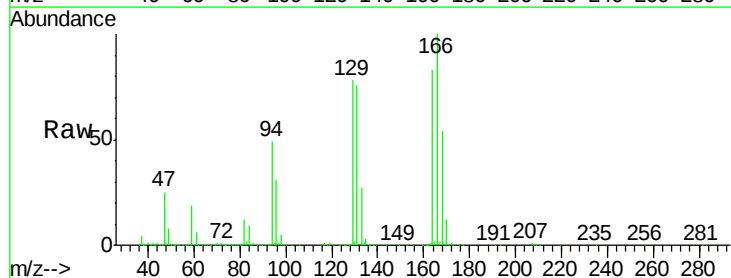
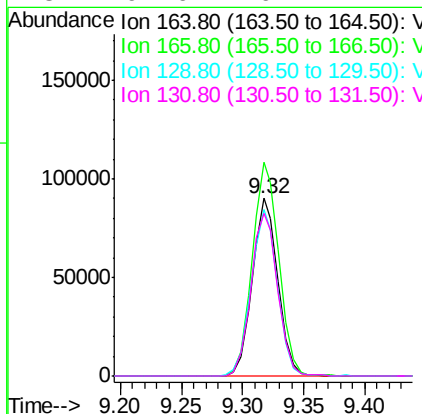
Manual Integrations
APPROVED

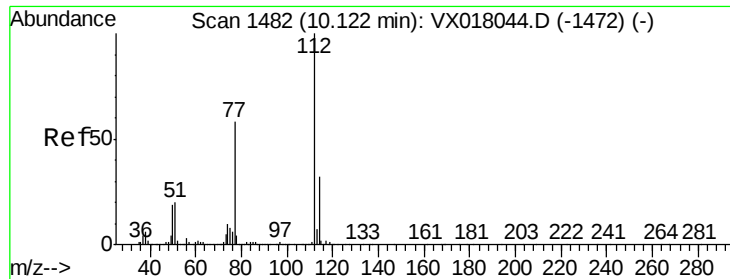
MMDadoda
9/1/2020 9:08:52 AM



#64
Tetrachloroethene
Concen: 21.284 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.2	94.2	141.2
129	93.7	76.9	115.3
131	91.6	76.1	114.1





#65

Chlorobenzene

Concen: 19.832 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS01

Tot Ion:112 Resp: 332305

Ion Ratio Lower Upper

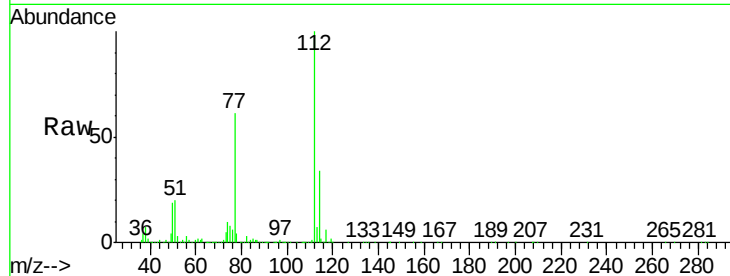
112 100

114 33.9 25.7 38.5

Manual Integrations
APPROVED

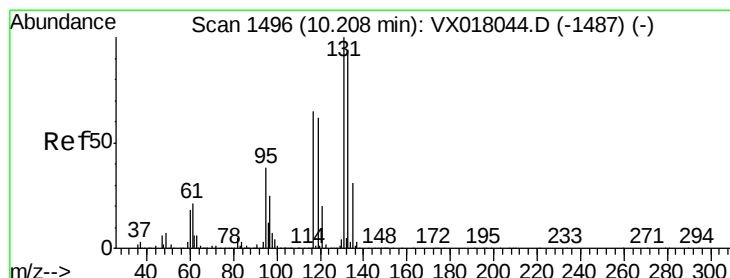
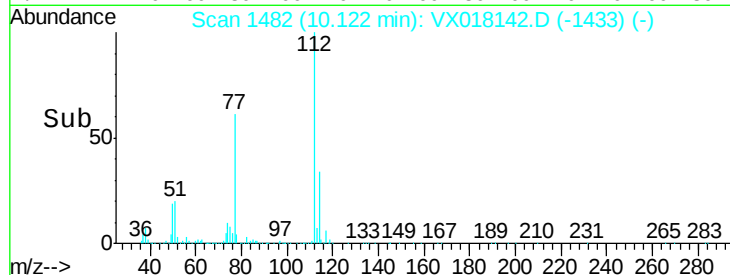
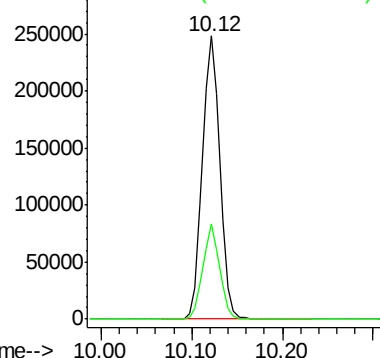
MMDadoda

9/1/2020 9:08:52 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.692 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

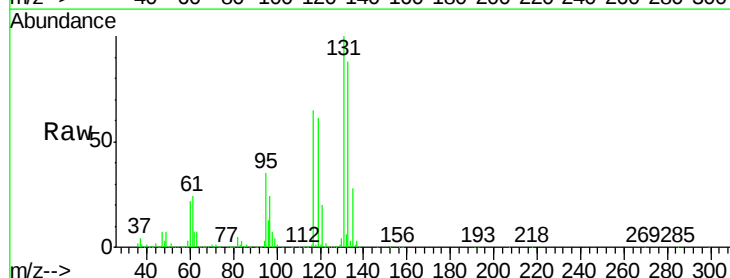
Tgt Ion:131 Resp: 136652

Ion Ratio Lower Upper

131 100

133 94.2 46.7 140.1

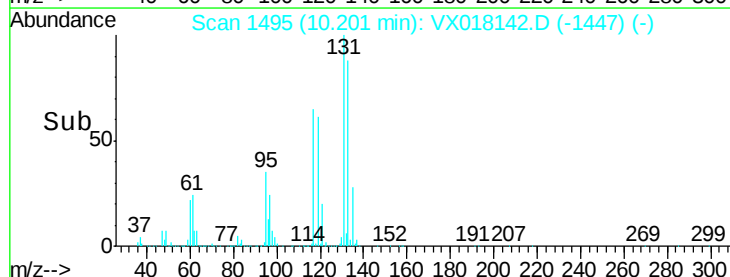
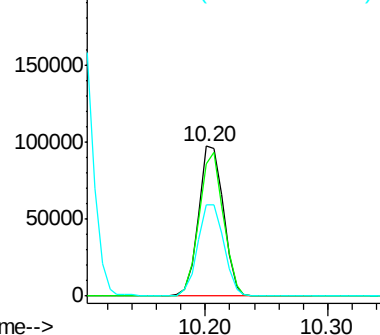
119 64.0 31.8 95.4

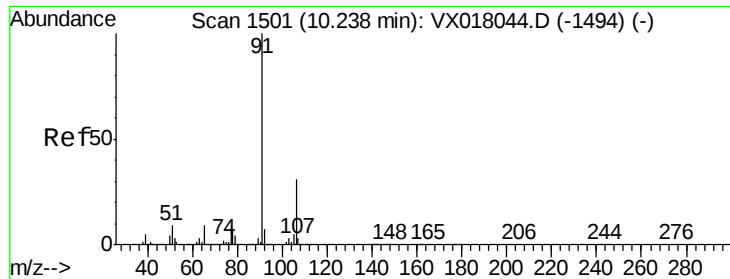


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





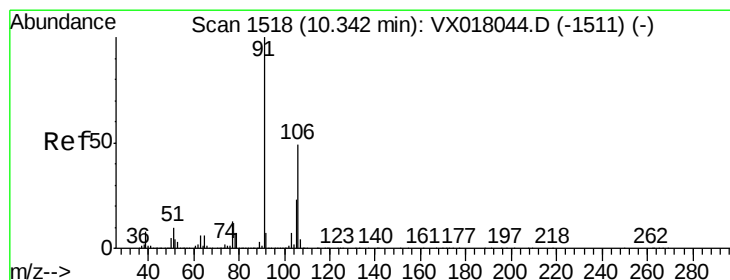
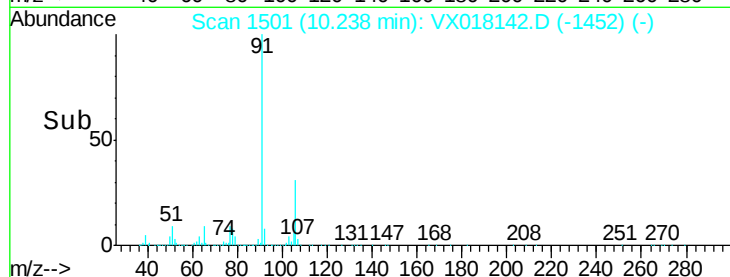
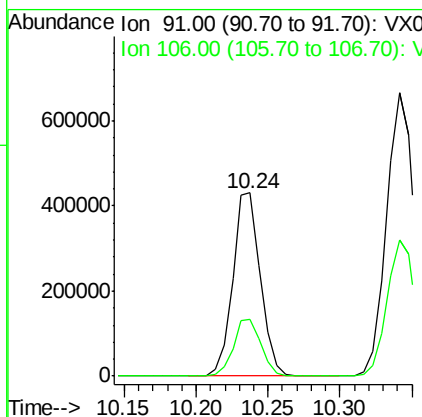
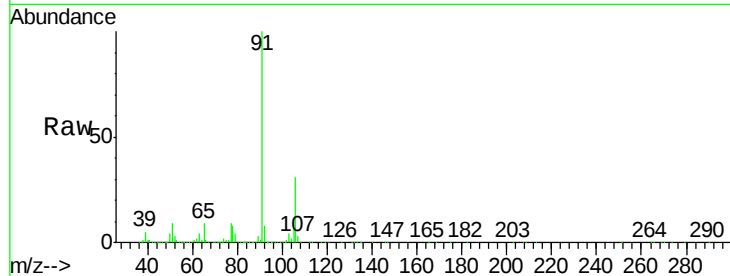
#67
Ethyl Benzene
Concen: 20.284 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.9	37.3

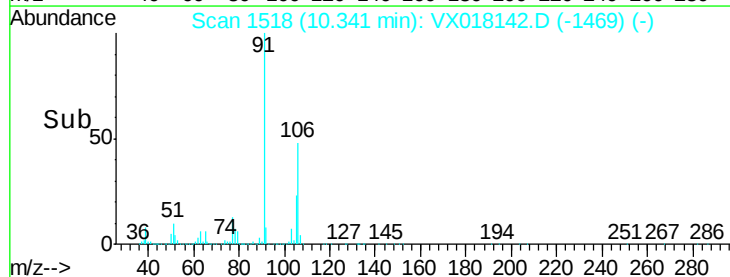
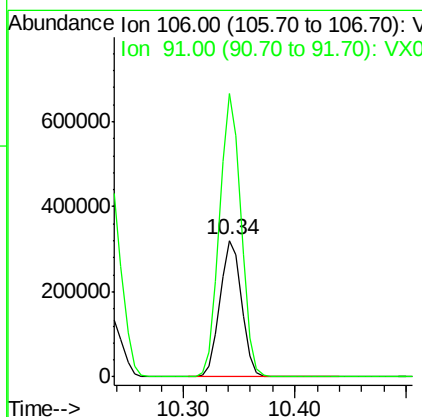
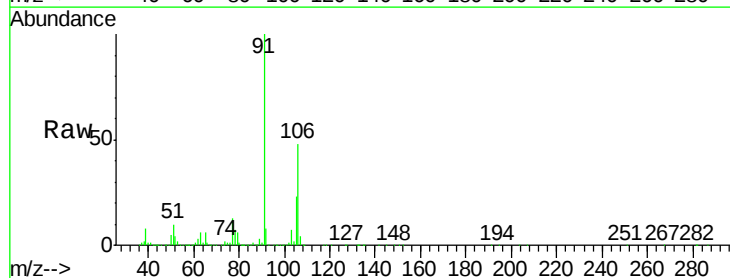
Manual Integrations
APPROVED

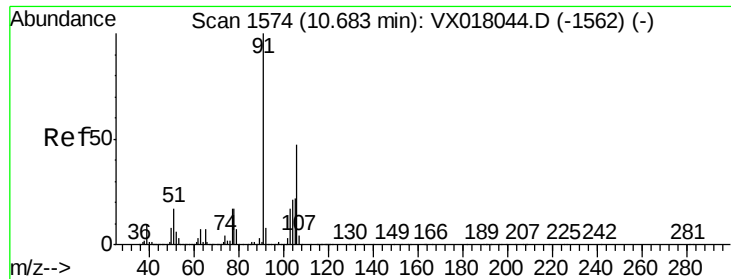
MMDadoda
9/1/2020 9:08:52 AM



#68
m/p-Xylenes
Concen: 40.923 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.4	162.2	243.2





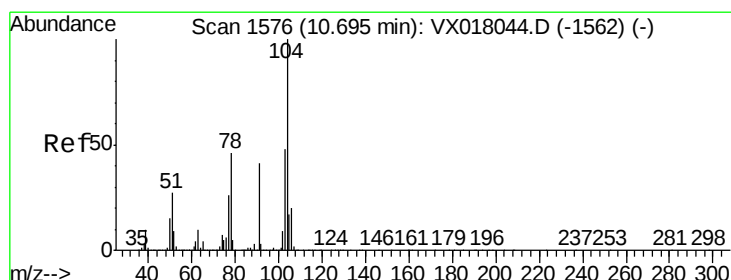
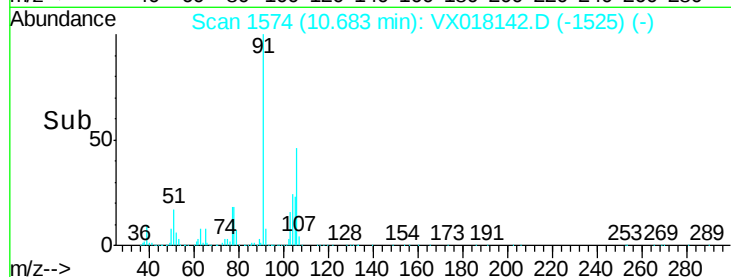
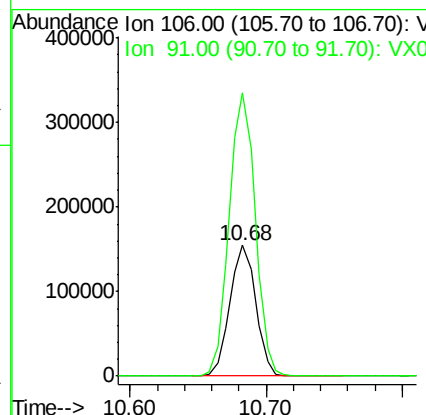
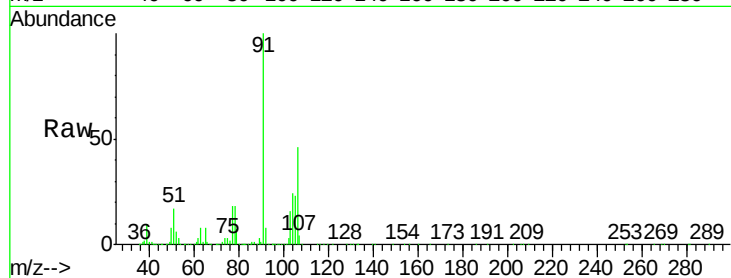
#69
o-Xylene
Concen: 19.855 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	204711		
91	218.3	107.1	321.3	

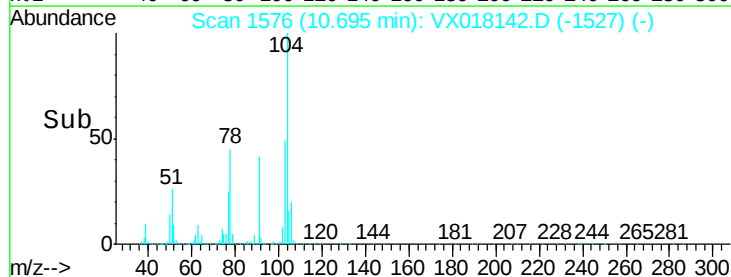
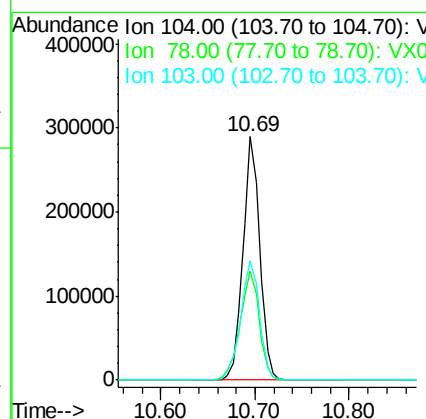
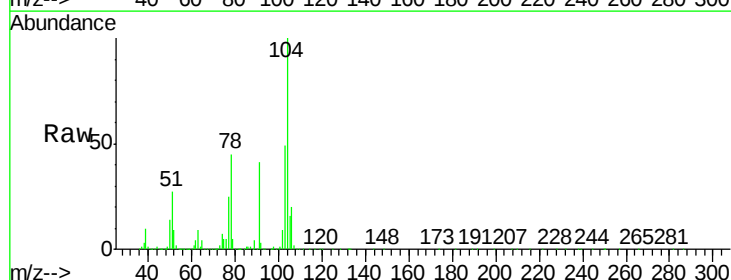
Manual Integrations
APPROVED

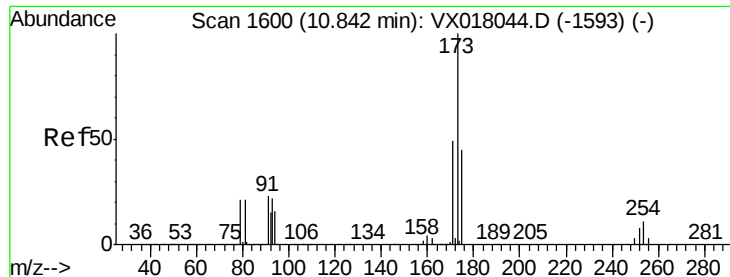
MMDadoda
9/1/2020 9:08:52 AM



#70
Styrene
Concen: 20.575 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	361270		
78	50.8	40.9	61.3	
103	54.7	43.6	65.4	





#71

Bromoform

Concen: 20.095 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion:173 Resp: 113196

Ion Ratio Lower Upper

173 100

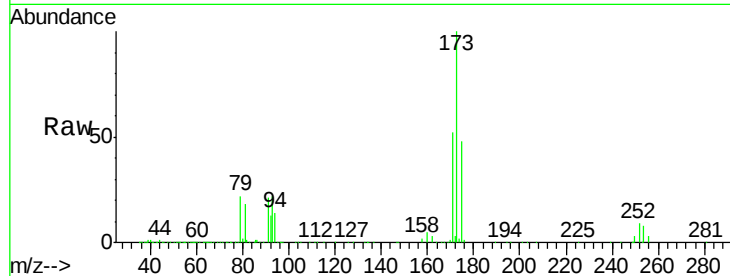
175 46.2 23.9 71.8

254 0.0 0.2 0.2#

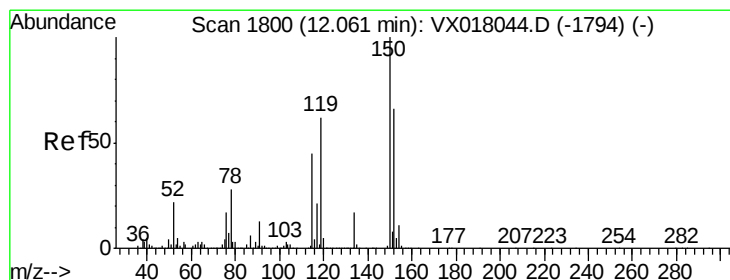
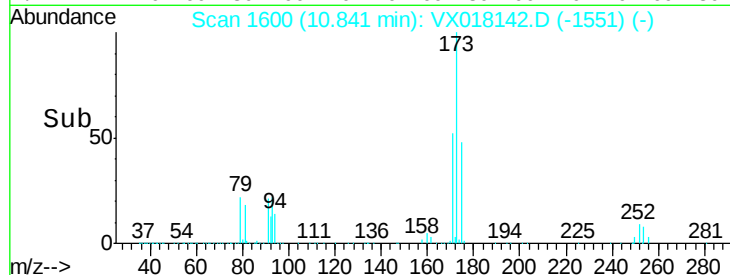
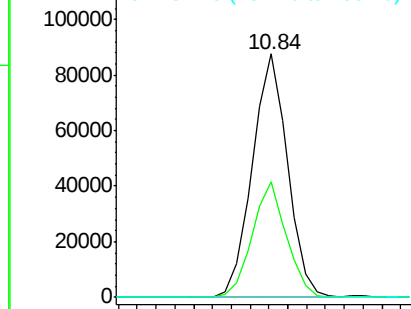
Manual Integrations
APPROVED

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9/1/2020 9:08:52 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: VX018142.D

Acq: 31 Aug 2020 13:14

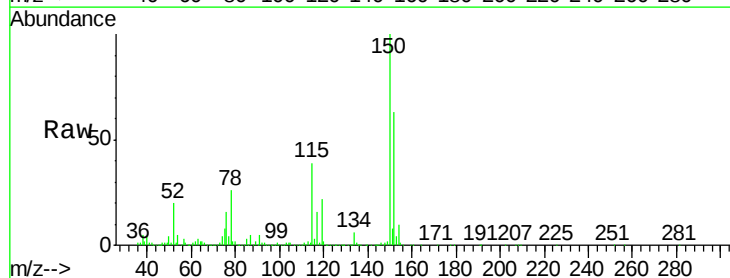
Tgt Ion:152 Resp: 441886

Ion Ratio Lower Upper

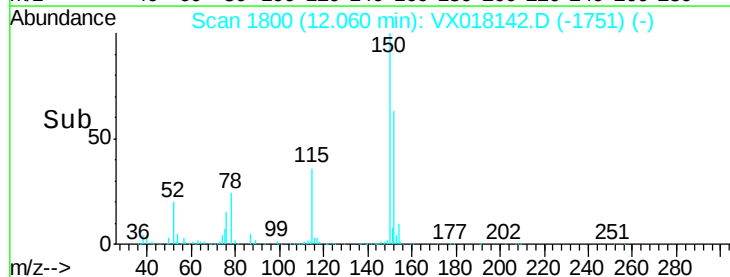
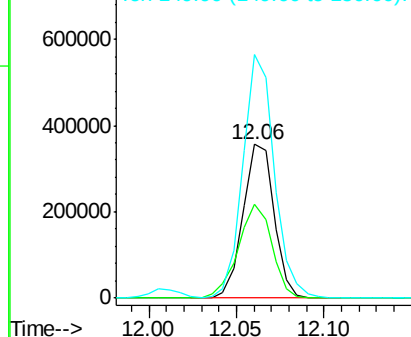
152 100

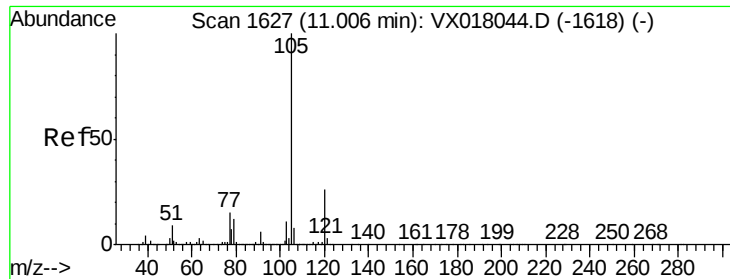
115 66.5 41.5 124.5

150 159.7 0.0 343.8



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: 19.872 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion: 105 Resp: 579206

Ion Ratio Lower Upper

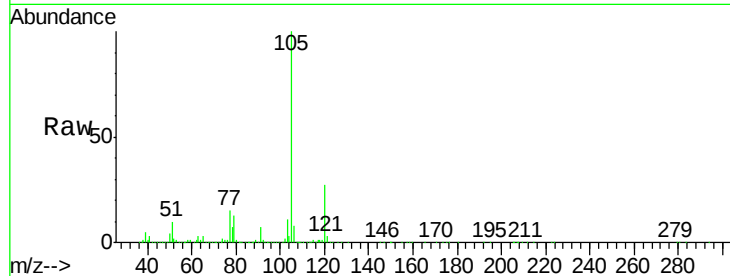
105 100

120 27.1 13.2 39.5

Manual Integrations
APPROVED

MMDadoda

9/1/2020 9:08:52 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

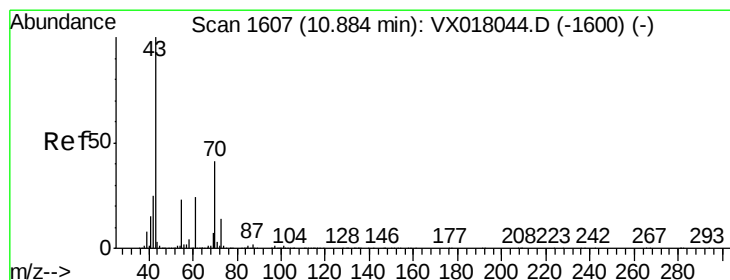
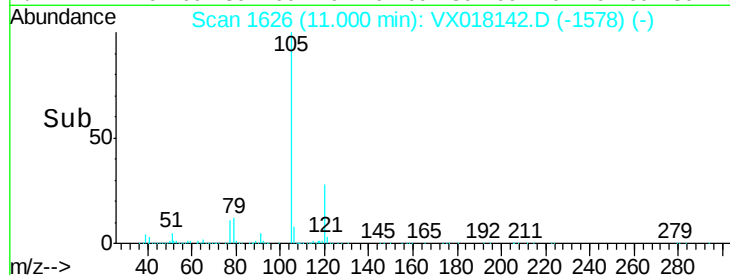
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.139 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion: 43 Resp: 250847

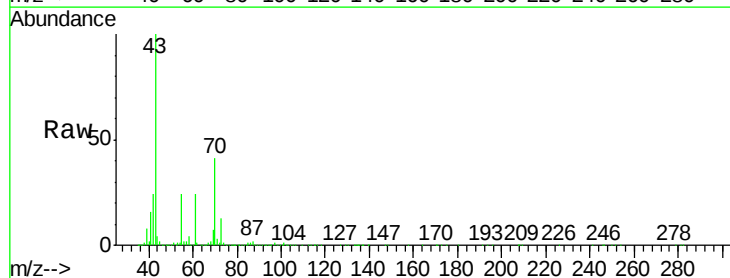
Ion Ratio Lower Upper

43 100

70 40.6 32.3 48.5

55 23.7 18.2 27.2

61 23.9 18.9 28.3



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

10.88

200000

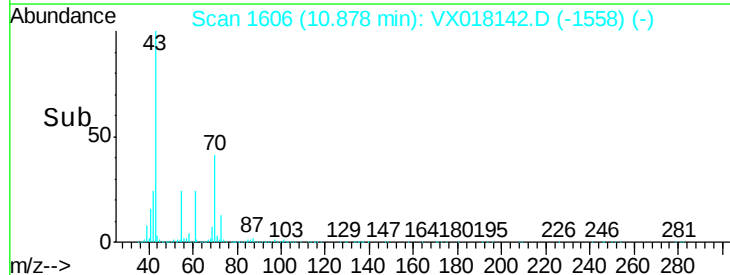
150000

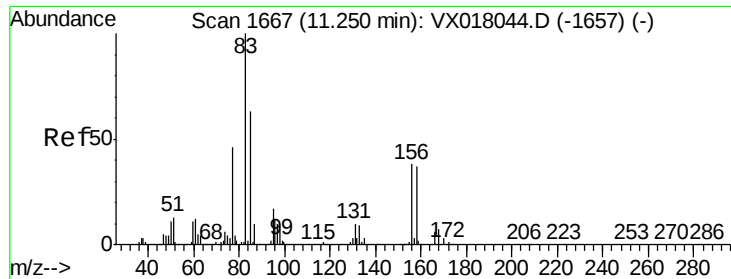
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.455 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

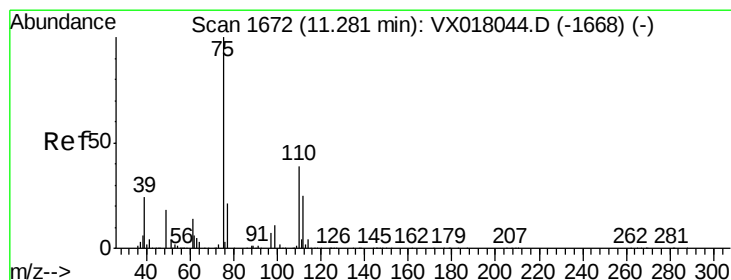
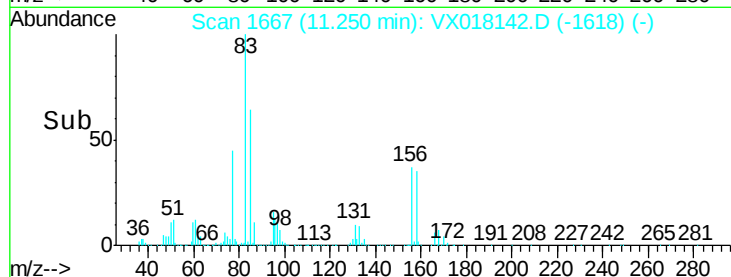
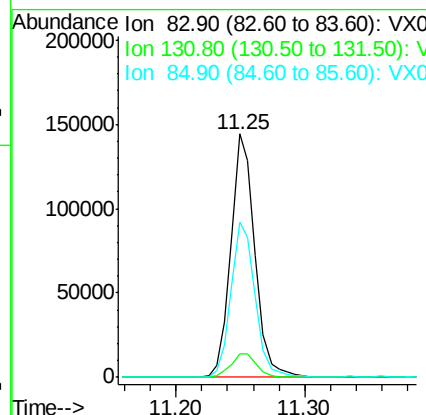
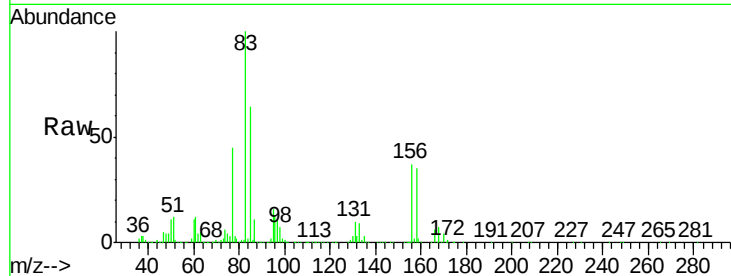
ClientSampleId :

VX0831WBS01

Tot Ion:	83	Resp:	189757
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	64.2	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 18.592 ug/l m

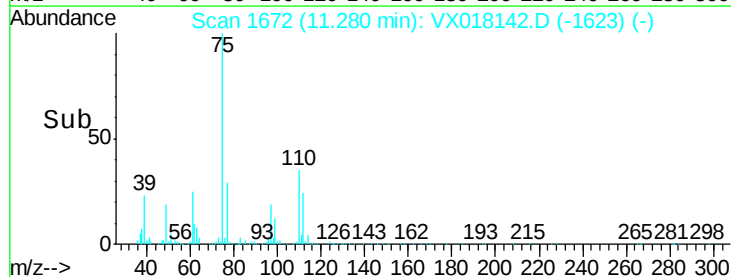
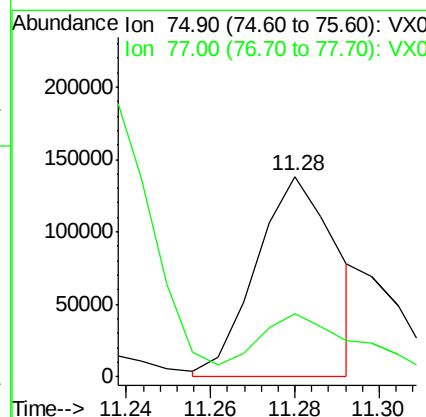
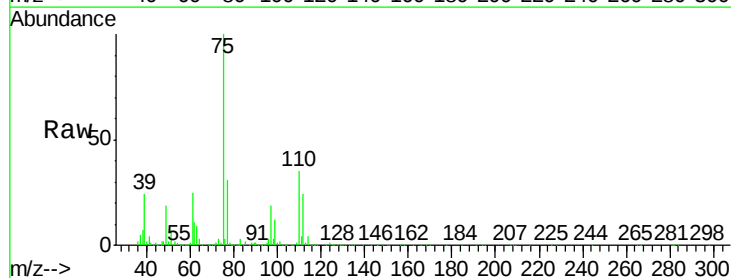
RT: 11.28 min Scan# 1672

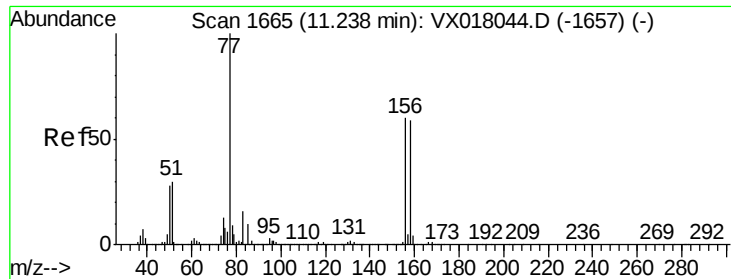
Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion:	75	Resp:	182761
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.8	62.2





#77

Bromobenzene

Concen: 18.785 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

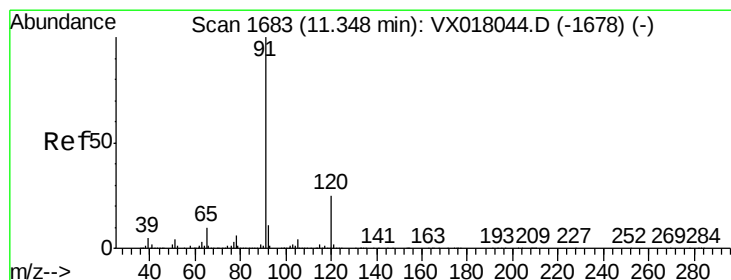
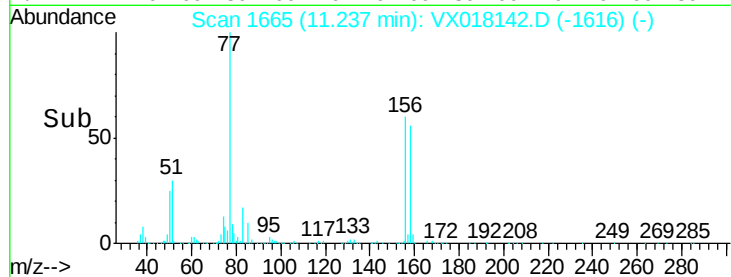
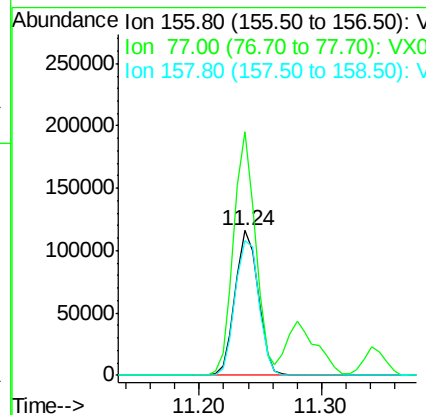
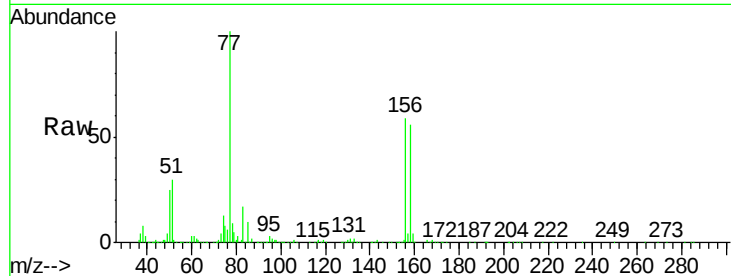
ClientSampled :

VX0831WBS01

Tot Ion:	156	Resp:	151349
Ion Ratio	Lower	Upper	
156	100		
77	160.4	80.0	240.2
158	96.1	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 19.731 ug/l

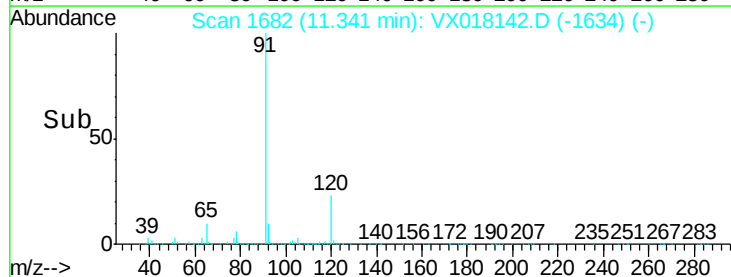
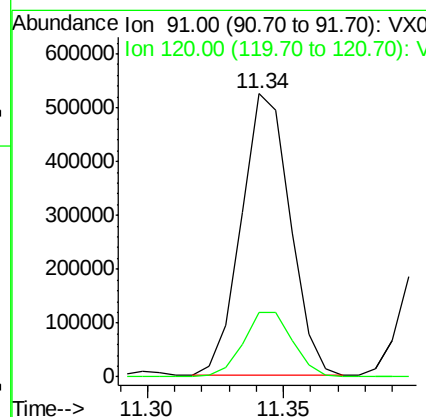
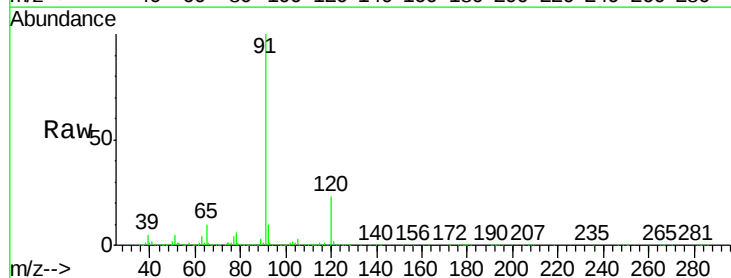
RT: 11.34 min Scan# 1682

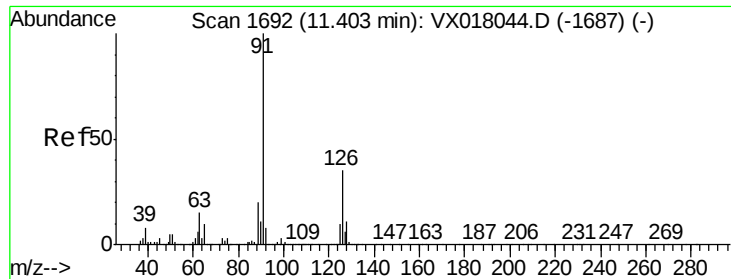
Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion:	91	Resp:	653003
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.9





#79

2-Chlorotoluene

Concen: 19.364 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion: 91 Resp: 395941

Ion Ratio Lower Upper

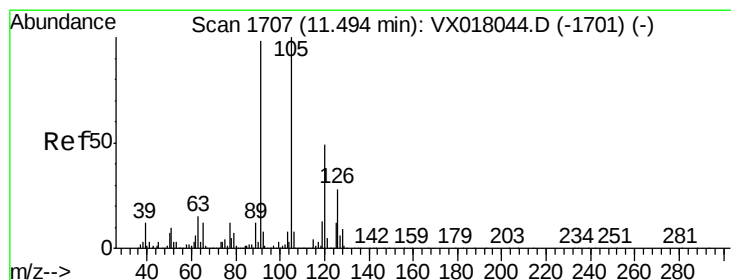
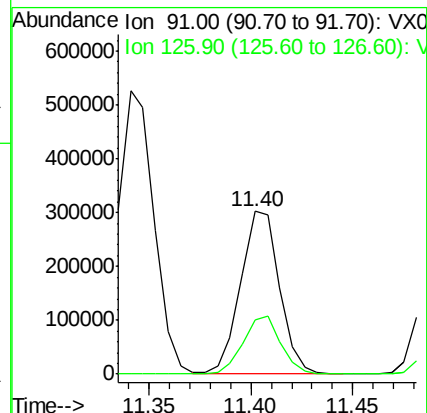
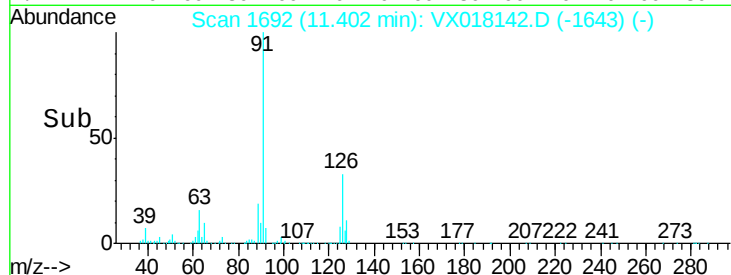
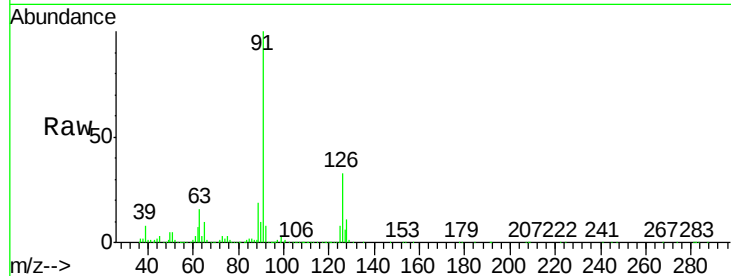
91 100

126 34.6 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 20.190 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018142.D

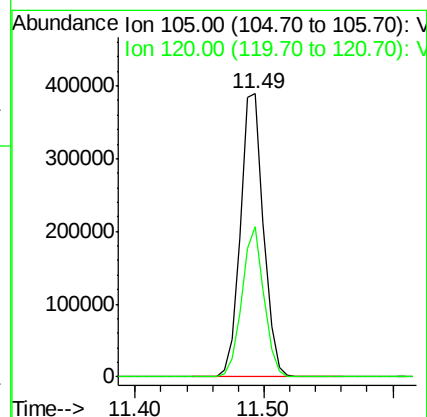
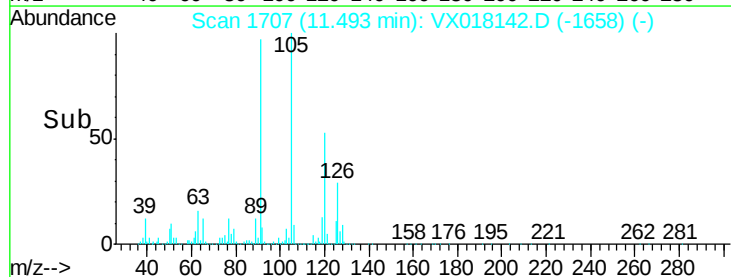
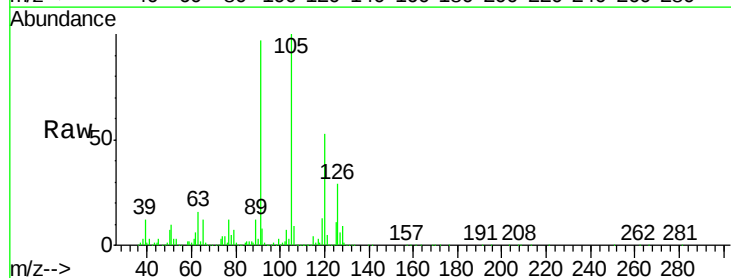
Acq: 31 Aug 2020 13:14

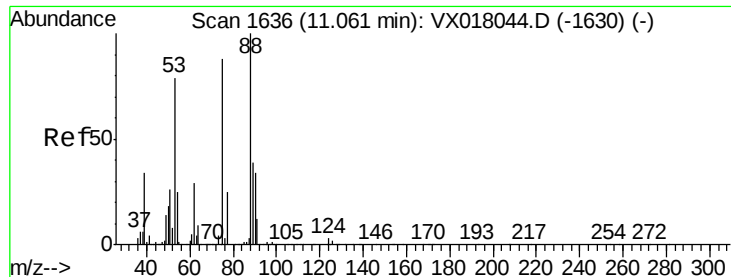
Tgt Ion: 105 Resp: 483581

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.2





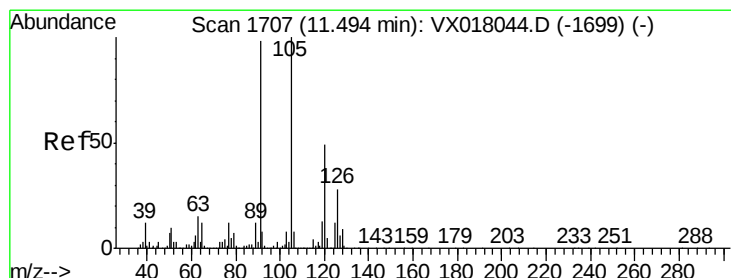
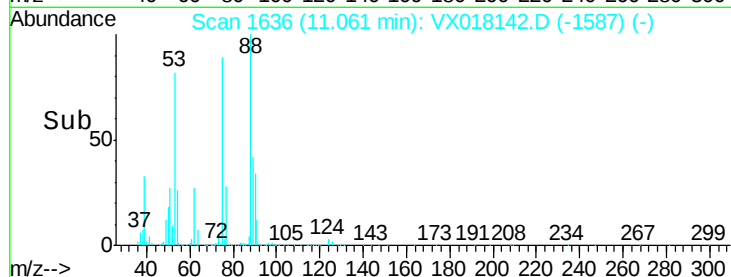
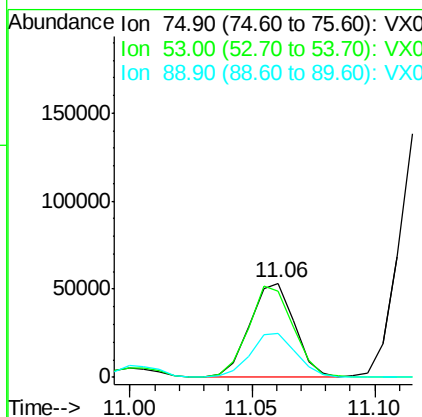
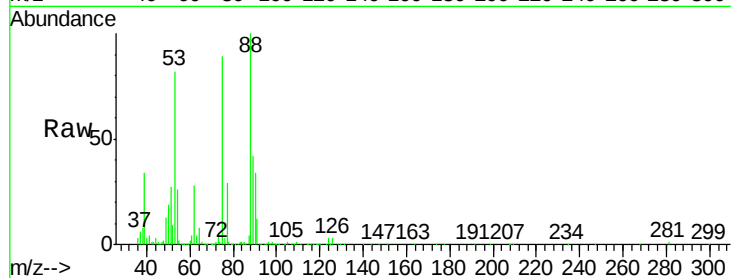
#81
trans-1,4-Dichloro-2-butene
Concen: 18.547 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	74.7	112.1
89	48.5	36.6	54.8

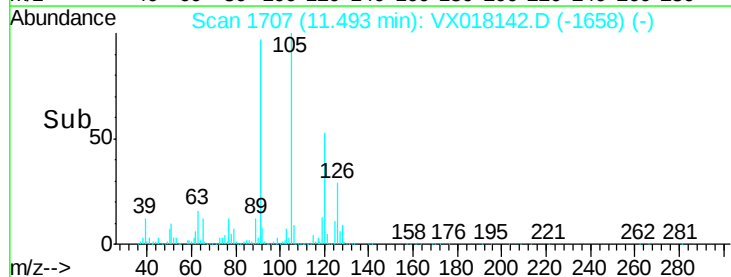
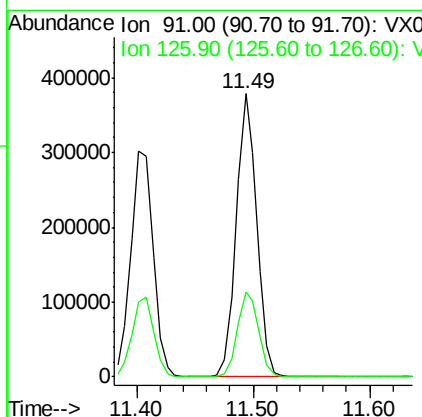
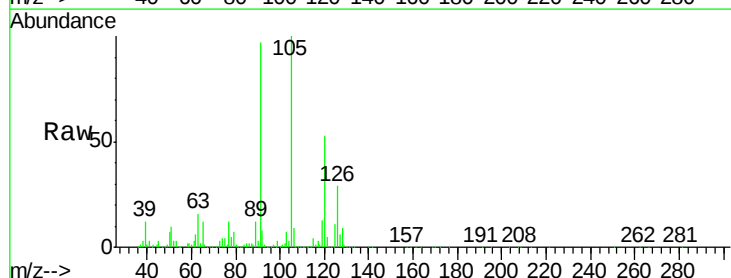
Manual Integrations
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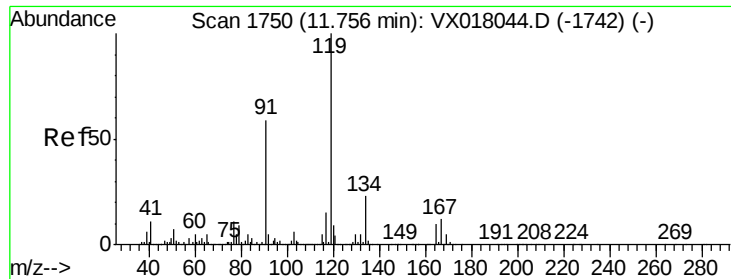
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#82
4-Chlorotoluene
Concen: 19.065 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.1	45.3





#83

tert-Butylbenzene

Concen: 20.062 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

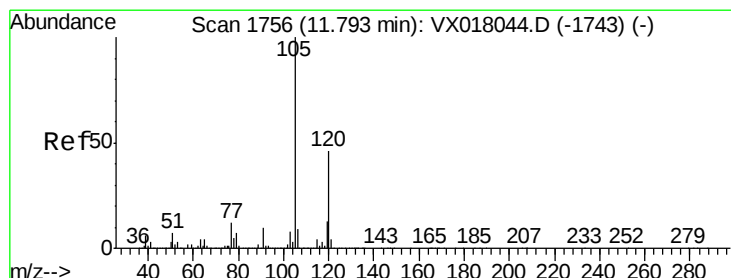
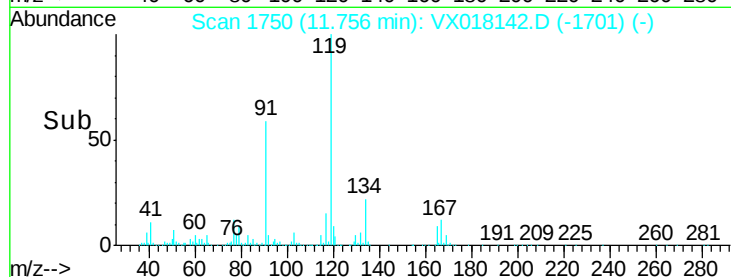
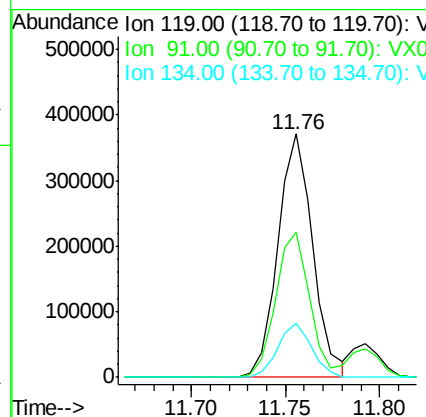
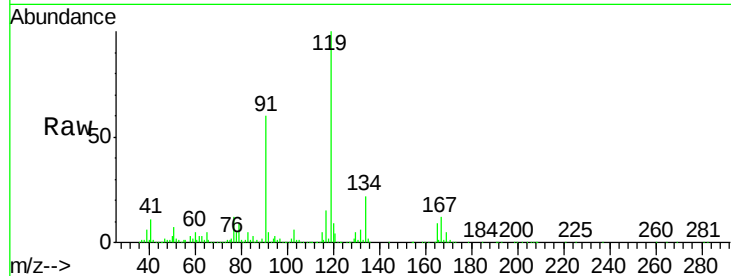
ClientSampleId :

VX0831WBS01

Tot Ion:	119	Resp:	474219
Ion Ratio	Lower	Upper	
119	100		
91	57.6	28.2	84.7
134	21.8	11.3	33.8

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#84

1,2,4-Trimethylbenzene

Concen: 19.918 ug/l

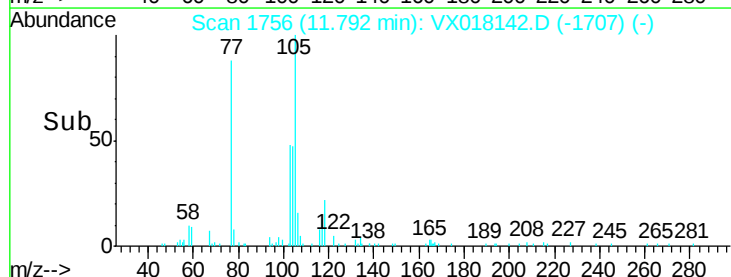
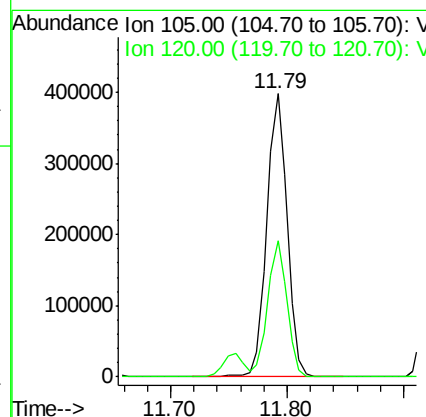
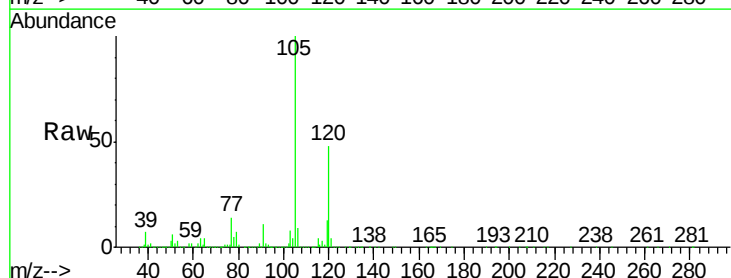
RT: 11.79 min Scan# 1756

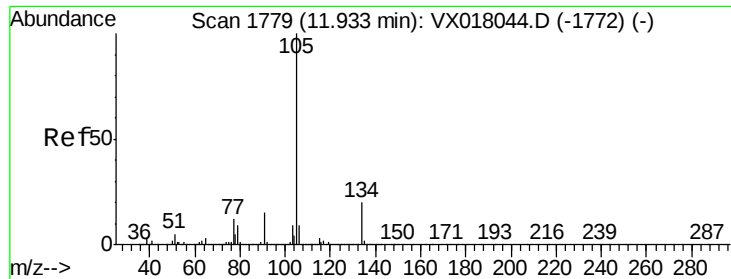
Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion:	105	Resp:	487753
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.3	66.9





#85

sec-Butylbenzene

Concen: 20.418 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion:105 Resp: 548830

Ion Ratio Lower Upper

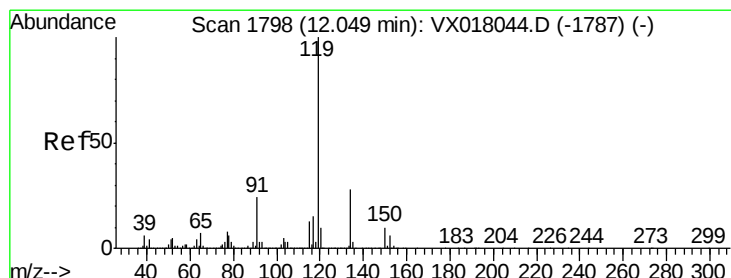
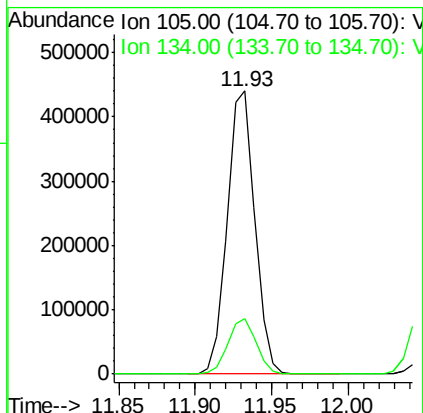
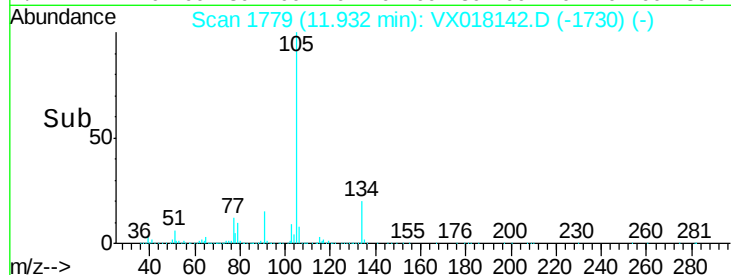
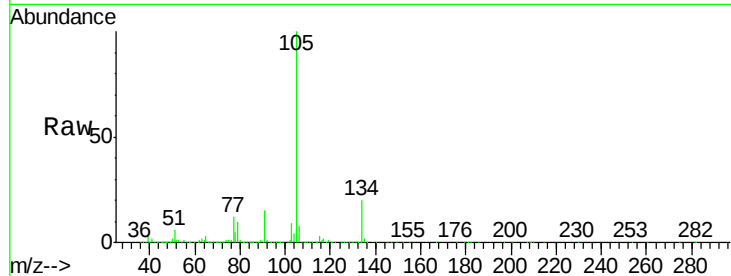
105 100

134 20.1 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 20.524 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

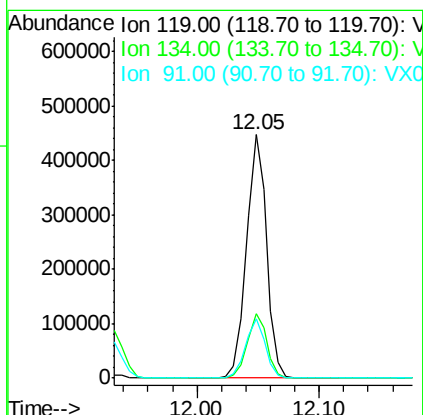
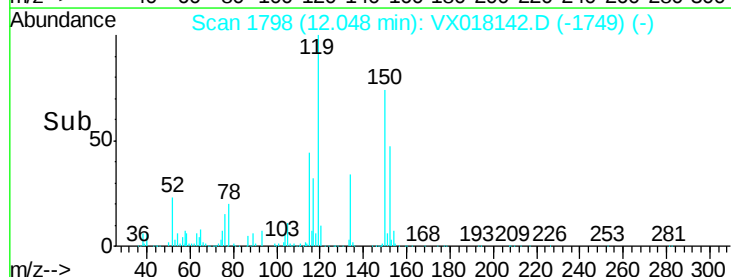
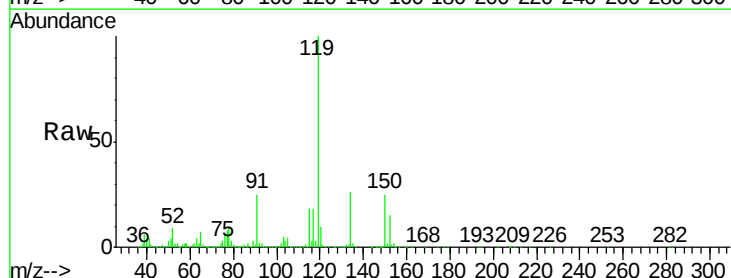
Tgt Ion:119 Resp: 506761

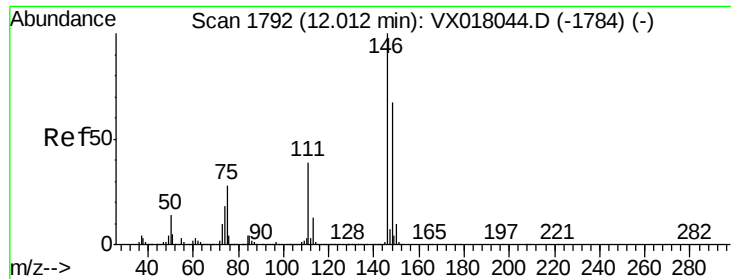
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 24.0 11.8 35.4





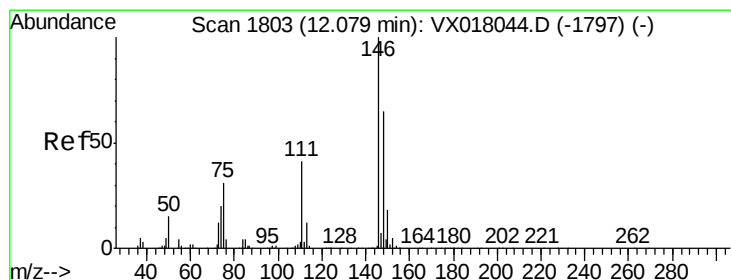
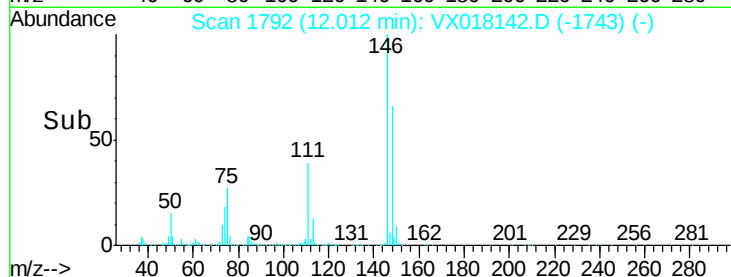
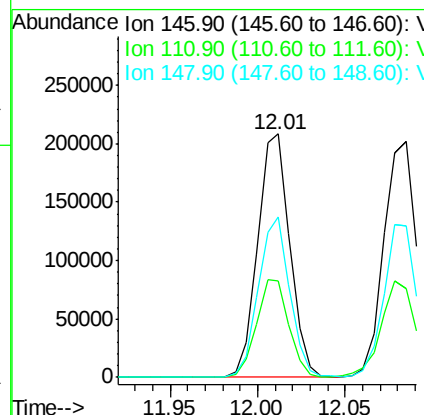
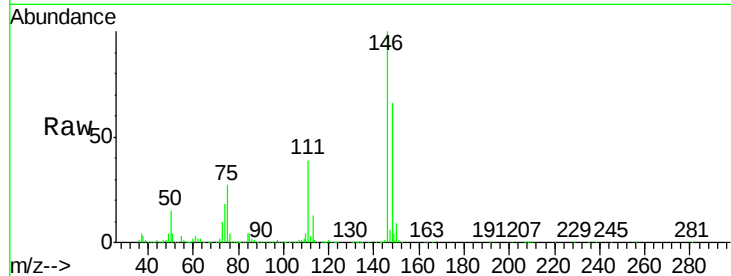
#87
 1,3-Dichlorobenzene
 Concen: 18.791 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0831WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	64.4	33.1	99.2

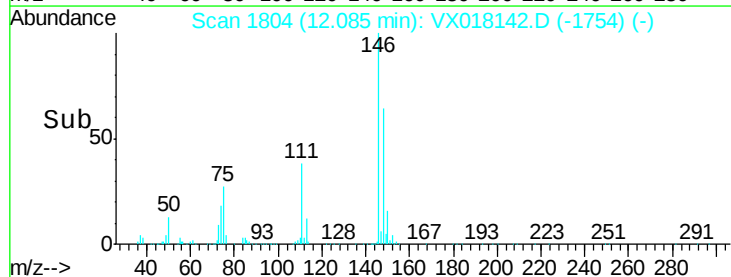
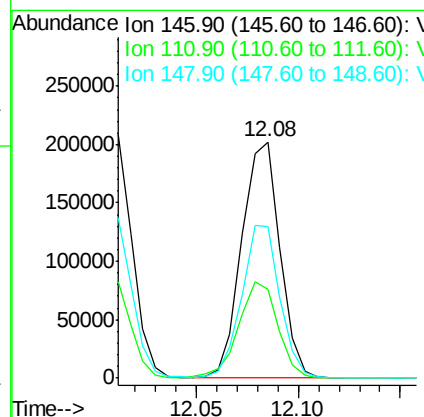
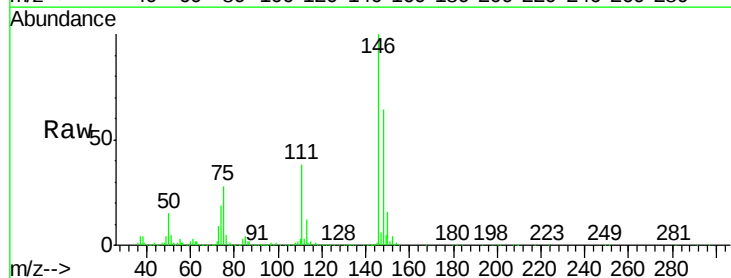
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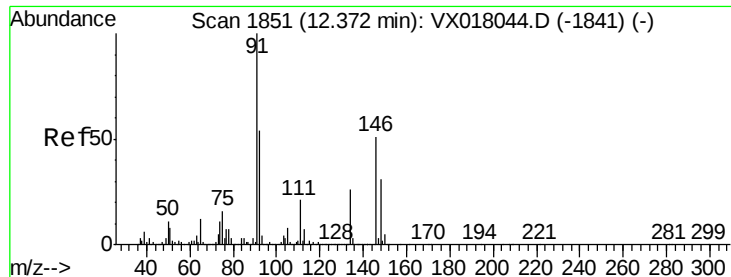
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#88
 1,4-Dichlorobenzene
 Concen: 18.483 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	60.8
148	64.7	33.1	99.2





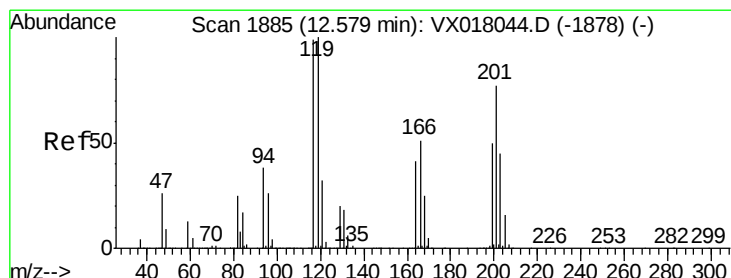
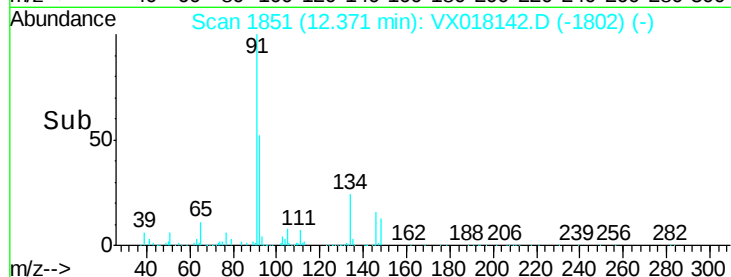
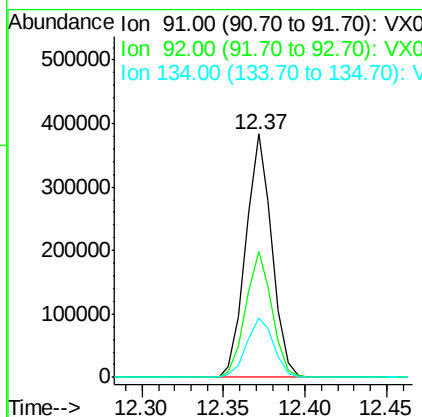
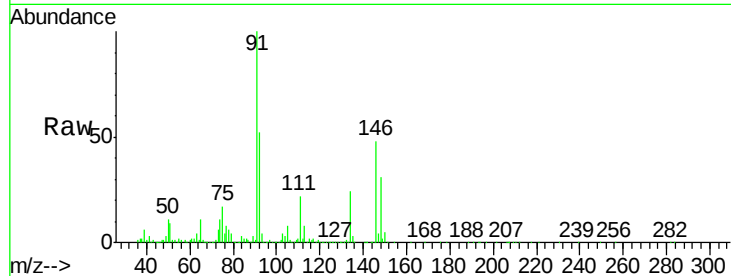
#89
n-Butylbenzene
Concen: 19.021 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampled :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.2
134	25.4	12.9	38.7

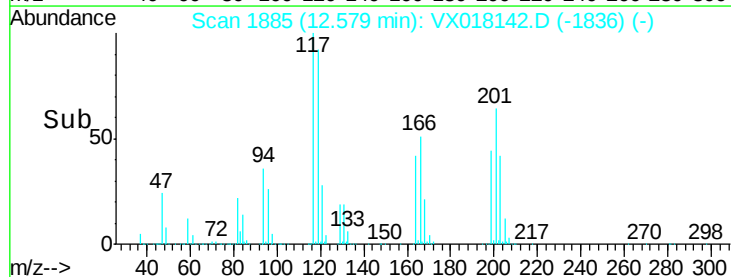
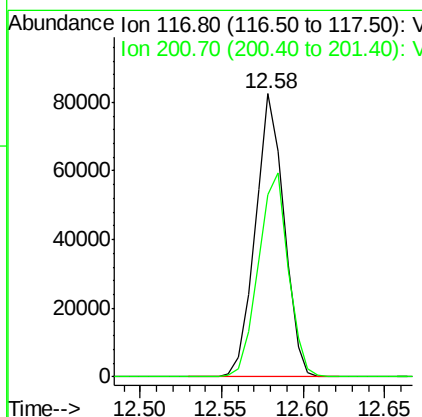
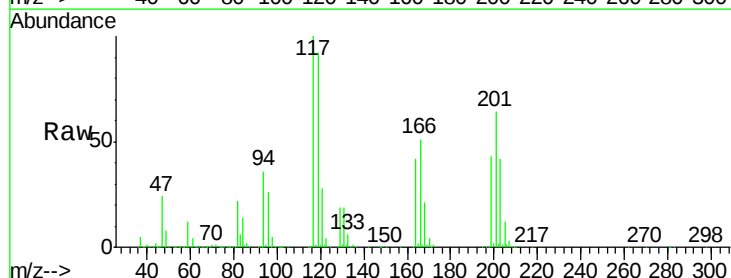
Manual Integrations
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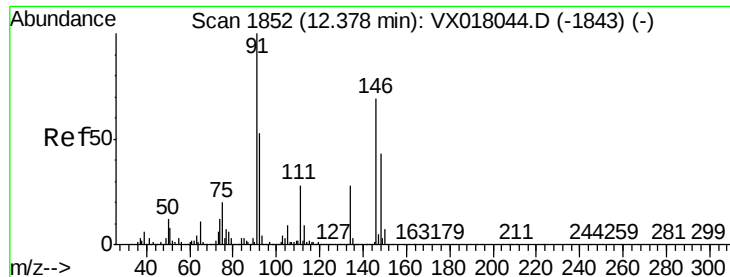
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#90
Hexachloroethane
Concen: 20.861 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.1	38.5	115.3





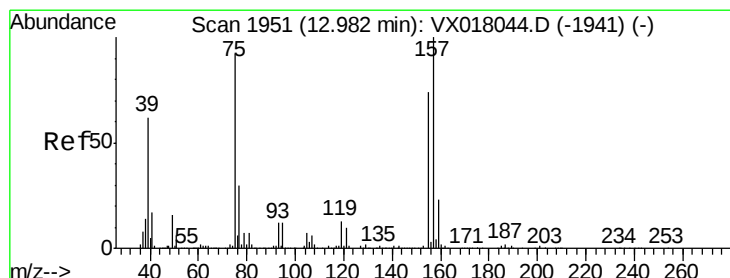
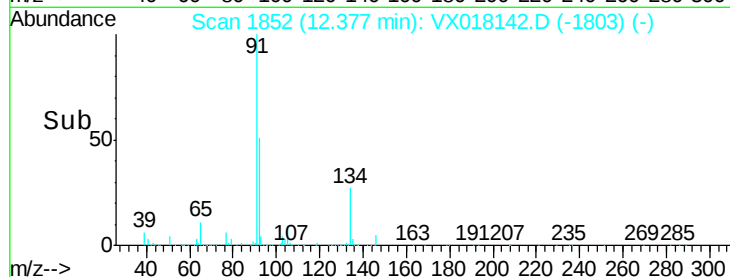
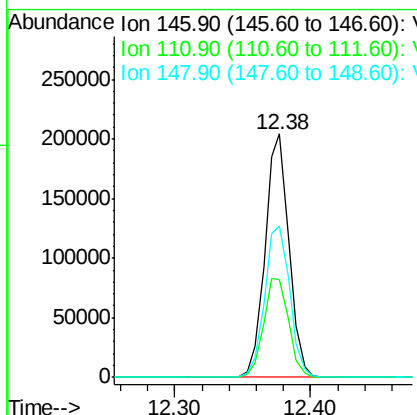
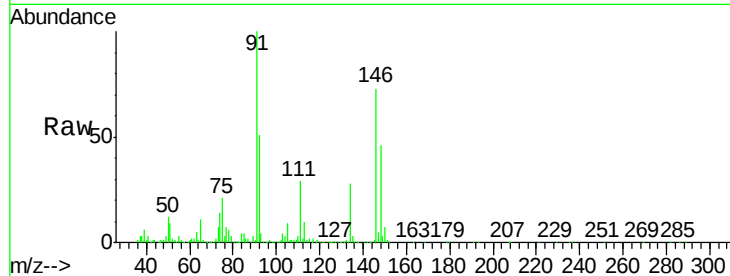
#91
 1,2-Dichlorobenzene
 Concen: 18.912 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0831WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	251822		
111	42.9	20.8	62.5	
148	65.8	31.6	95.0	

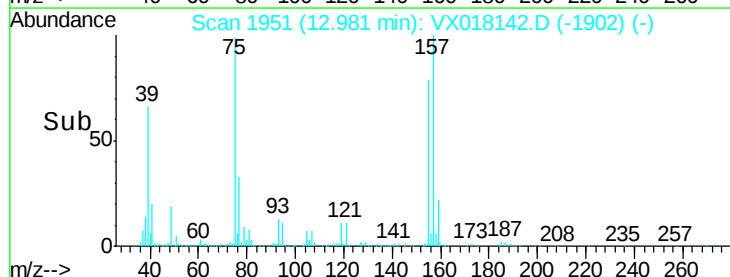
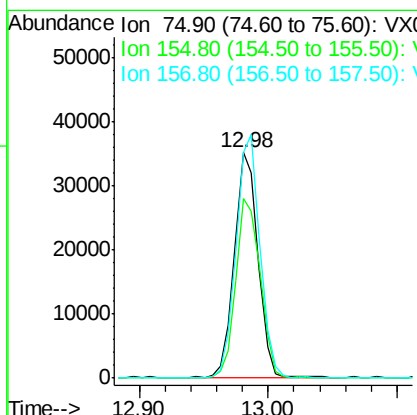
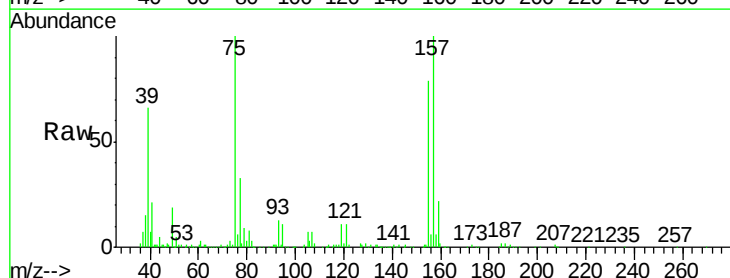
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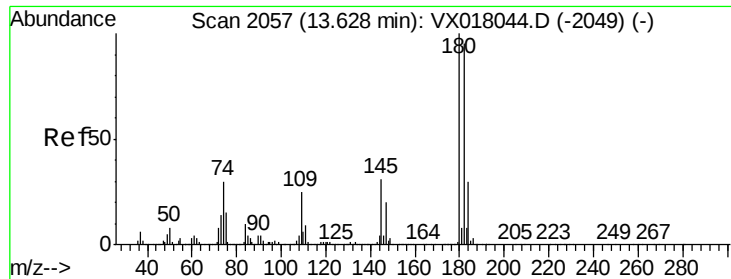
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 9/1/2020 9:08:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.509 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45014		
155	82.2	40.2	120.6	
157	108.6	55.0	165.2	





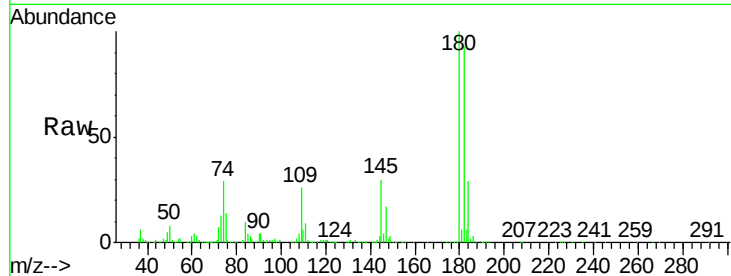
#93
 1,2,4-Trichlorobenzene
 Concen: 19.008 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

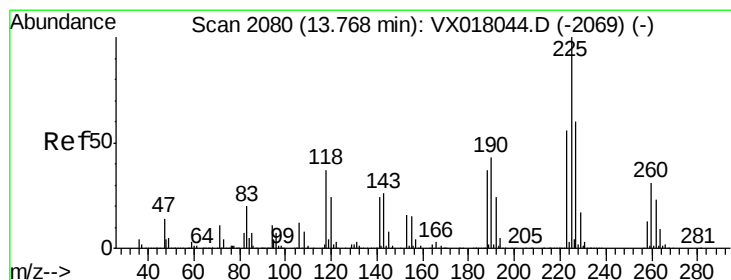
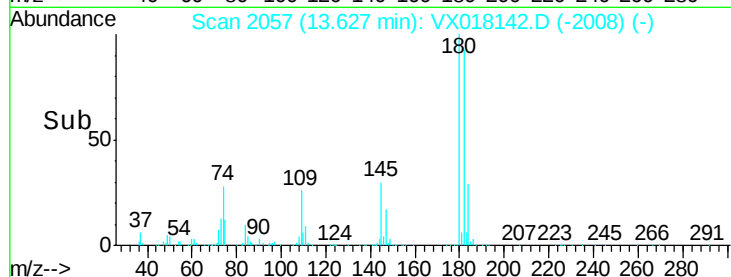
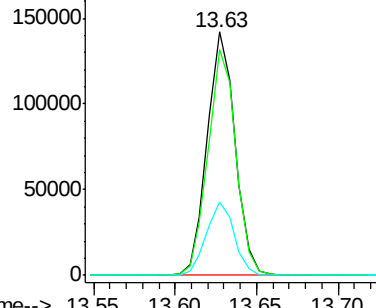
Tot Ion	Ratio	Resp	Lower	Upper
180	100	168775		
182	93.2	47.5	142.6	
145	30.3	15.7	47.1	

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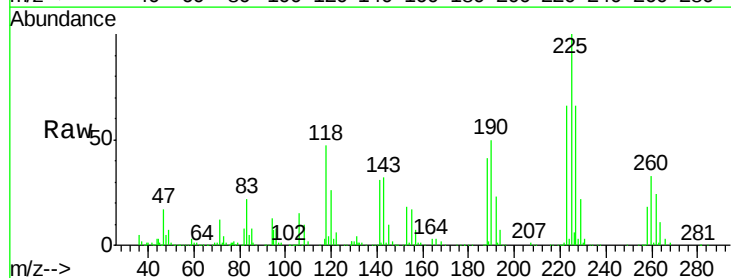


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

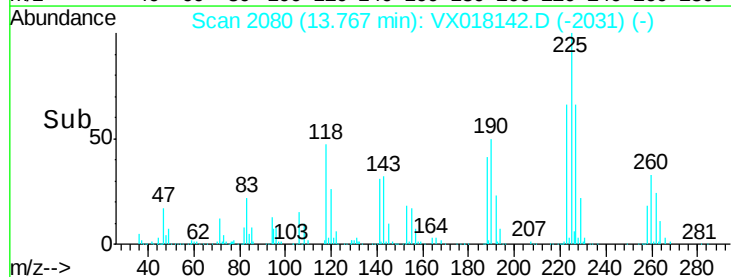
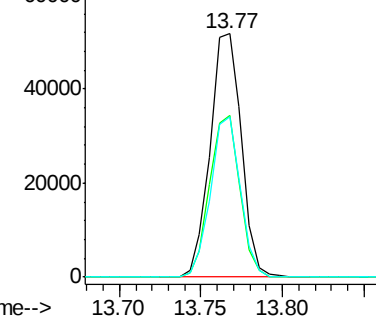


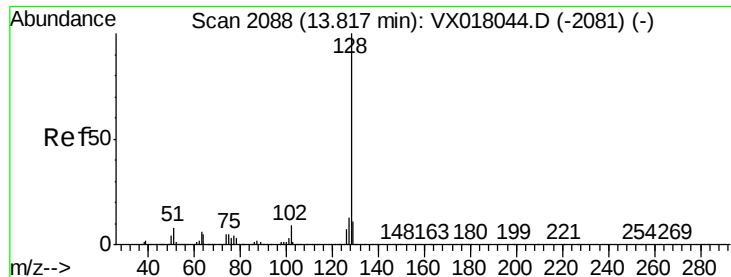
#94
 Hexachlorobutadiene
 Concen: 19.737 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69123		
223	64.3	30.7	92.1	
227	62.8	32.6	97.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





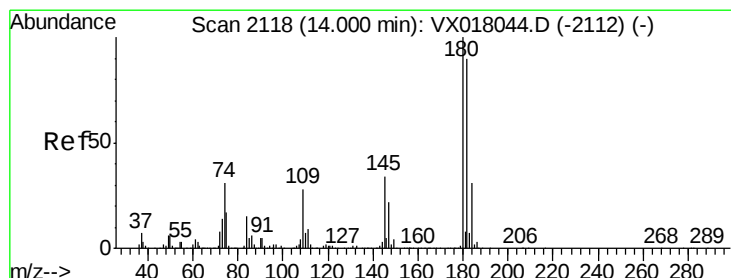
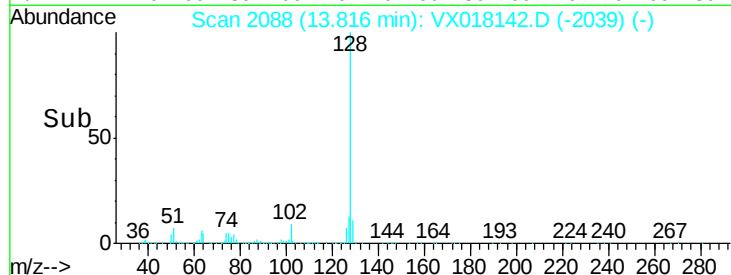
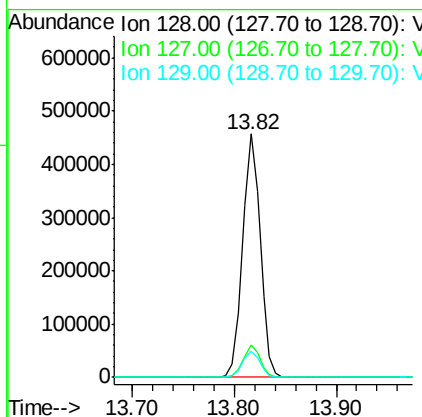
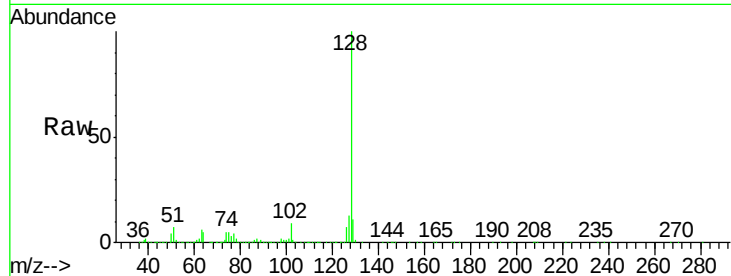
#95
Naphthalene
Concen: 18.619 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 18.334 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.3	142.0
145	34.6	17.5	52.6

