

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018490.D
 Acq On : 18 Sep 2020 14:19
 Operator : JC/SP
 Sample : VX0918WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:50 AM

Quant Time: Sep 21 02:09:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	417187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	638514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	289298	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.46	113	221141	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.70	98	763612	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.12	95	304353	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	77825	19.676	ug/l	96
3) Chloromethane	1.31	50	82894	17.902	ug/l	99
4) Vinyl Chloride	1.39	62	86110	17.565	ug/l	99
5) Bromomethane	1.64	94	61018	20.280	ug/l	95
6) Chloroethane	1.72	64	51679	18.420	ug/l	96
7) Trichlorofluoromethane	1.92	101	149063	20.016	ug/l	95
8) Diethyl Ether	2.17	74	48837	18.691	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75466	18.827	ug/l	98
10) Methyl Iodide	2.49	142	85752	20.504	ug/l	95
11) Tert butyl alcohol	3.01	59	93681	91.229	ug/l	99
12) 1,1-Dichloroethene	2.36	96	73561	18.207	ug/l	95
13) Acrolein	2.27	56	46392	71.350	ug/l	99
14) Allyl chloride	2.71	41	133369	17.035	ug/l	96
15) Acrylonitrile	3.11	53	233245	95.195	ug/l	100
16) Acetone	2.42	43	200259	88.726	ug/l	98
17) Carbon Disulfide	2.55	76	209530	17.365	ug/l	99
18) Methyl Acetate	2.75	43	112102	20.046	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	277939	19.597	ug/l	98
20) Methylene Chloride	2.84	84	86716	17.413	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	83171	17.713	ug/l	97
22) Diisopropyl ether	3.82	45	269344	18.302	ug/l	98
23) Vinyl Acetate	3.78	43	1202750	92.232	ug/l	99
24) 1,1-Dichloroethane	3.67	63	152074	17.918	ug/l	98
25) 2-Butanone	4.63	43	316615	90.080	ug/l	97
26) 2,2-Dichloropropane	4.55	77	135843	17.323	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	93668	17.798	ug/l	99
28) Bromochloromethane	4.98	49	71420	17.983	ug/l	95
29) Tetrahydrofuran	5.09	42	198111	89.427	ug/l	96
30) Chloroform	5.17	83	160539	18.643	ug/l	99
31) Cyclohexane	5.54	56	125068	17.511	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	153968	19.059	ug/l	98
36) 1,1-Dichloropropene	5.77	75	113945	18.386	ug/l	99
37) Ethyl Acetate	4.79	43	128271	19.382	ug/l	99
38) Carbon Tetrachloride	5.76	117	141880	20.671	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
 APPROVED

MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	126409	18.155	ug/l	98
40) Benzene	6.12	78	330383	18.602	ug/l	97
41) Methacrylonitrile	5.00	41	69017	18.768	ug/l	99
42) 1,2-Dichloroethane	6.17	62	143992	20.839	ug/l	98
43) Isopropyl Acetate	6.41	43	204706	18.640	ug/l	100
44) Trichloroethene	7.18	130	99192	19.292	ug/l	98
45) 1,2-Dichloropropane	7.49	63	89450	18.349	ug/l	99
46) Dibromomethane	7.63	93	65196	19.466	ug/l	98
47) Bromodichloromethane	7.87	83	134148	19.874	ug/l	95
48) Methyl methacrylate	7.74	41	101755	19.036	ug/l	99
49) 1,4-Dioxane	7.71	88	31502	356.664	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	644158	98.512	ug/l	99
52) Toluene	8.76	92	212248	18.990	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	143801	18.749	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	151483	19.172	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	90485	19.511	ug/l	98
56) Ethyl methacrylate	9.16	69	129406	18.818	ug/l	98
57) 1,3-Dichloropropane	9.35	76	146362	18.784	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	339558	92.876	ug/l	99
59) 2-Hexanone	9.47	43	478340	96.177	ug/l	100
60) Dibromochloromethane	9.56	129	110966	20.066	ug/l	100
61) 1,2-Dibromoethane	9.65	107	100304	20.327	ug/l	97
64) Tetrachloroethene	9.32	164	100859	21.214	ug/l	96
65) Chlorobenzene	10.12	112	237530	19.102	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	97443	19.534	ug/l	100
67) Ethyl Benzene	10.24	91	415267	19.294	ug/l	98
68) m/p-Xylenes	10.34	106	311172	38.218	ug/l	100
69) o-Xylene	10.68	106	146523	19.004	ug/l	99
70) Styrene	10.70	104	258637	19.428	ug/l	98
71) Bromoform	10.84	173	84234	20.112	ug/l #	95
73) Isopropylbenzene	11.00	105	412928	18.951	ug/l	97
74) N-amyl acetate	10.88	43	176492	17.992	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	128642	17.837	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	130404m	19.026	ug/l	
77) Bromobenzene	11.24	156	109643	18.237	ug/l	98
78) n-propylbenzene	11.34	91	472854	18.540	ug/l	99
79) 2-Chlorotoluene	11.40	91	287520	18.624	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	348791	18.718	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	48454	18.115	ug/l	95
82) 4-Chlorotoluene	11.49	91	341838	18.627	ug/l	99
83) tert-Butylbenzene	11.76	119	338225	18.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	359210	19.141	ug/l	98
85) sec-Butylbenzene	11.93	105	396826	18.589	ug/l	99
86) p-Isopropyltoluene	12.05	119	379593	19.348	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	201593	18.650	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	203293	18.548	ug/l	98
89) n-Butylbenzene	12.37	91	328357	18.079	ug/l	99
90) Hexachloroethane	12.58	117	71791	18.329	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	188940	18.675	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	34490	19.699	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

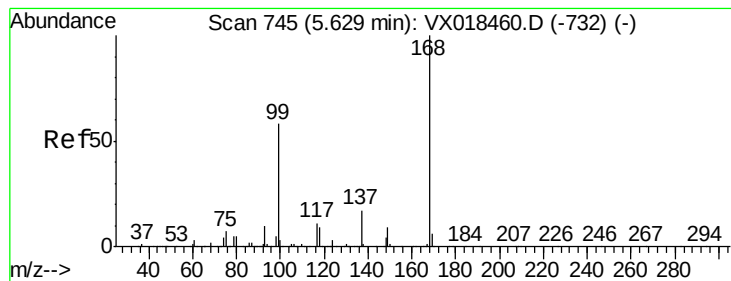
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	130757	18.570	ug/l	96
94) Hexachlorobutadiene	13.76	225	56770	19.213	ug/l	97
95) Naphthalene	13.82	128	394106	18.533	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	130981	19.464	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tot Ion:168 Resp: 417187

Ion Ratio Lower Upper

168 100

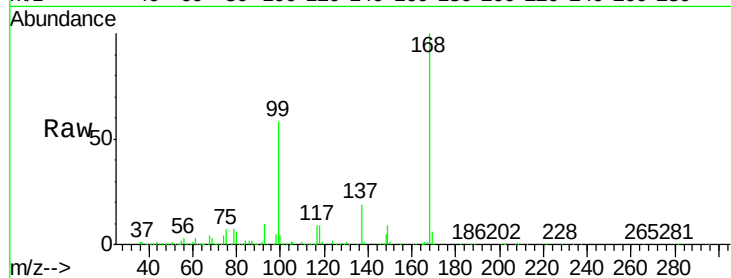
99 57.2 46.5 69.7

Manual Integrations

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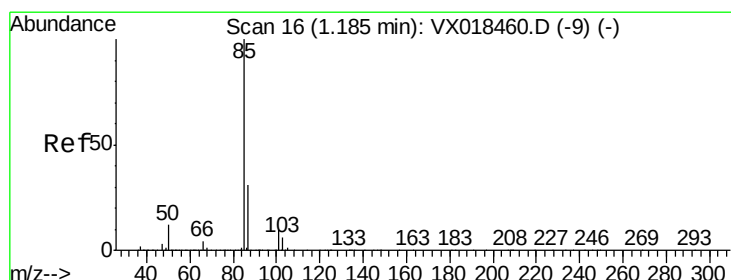
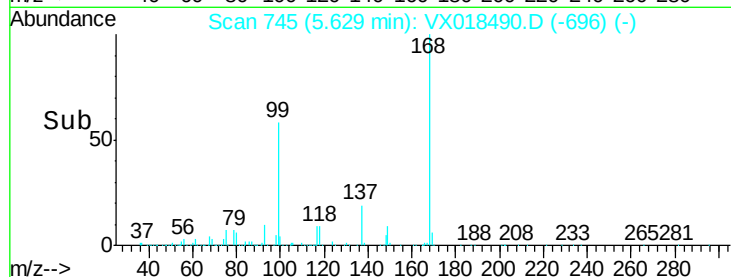
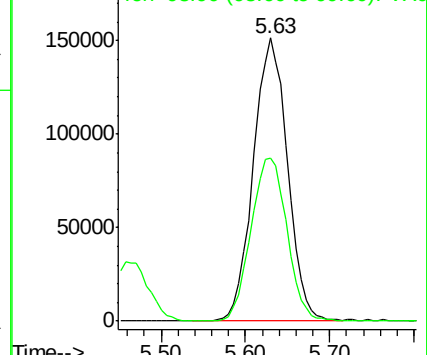
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.676 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018490.D

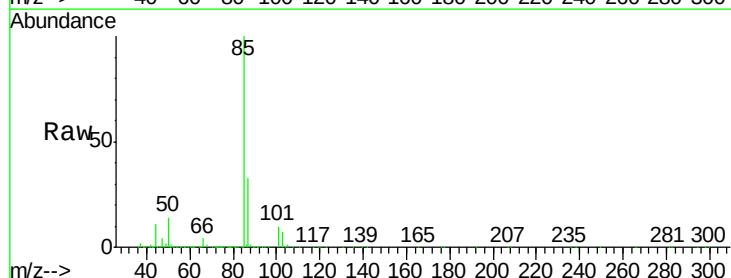
Acq: 18 Sep 2020 14:19

Tgt Ion: 85 Resp: 77825

Ion Ratio Lower Upper

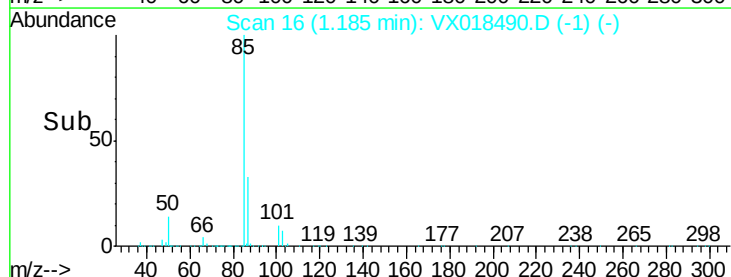
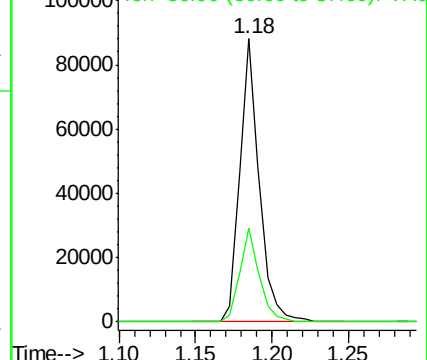
85 100

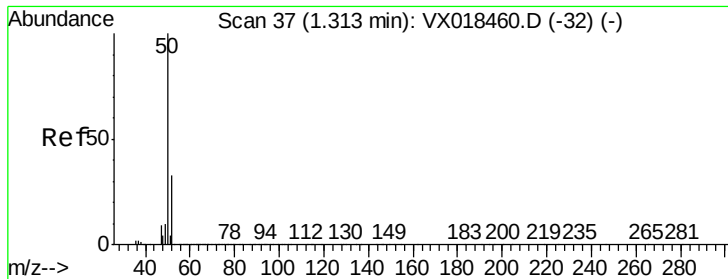
87 33.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.902 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tot Ion: 50 Resp: 82894

Ion Ratio Lower Upper

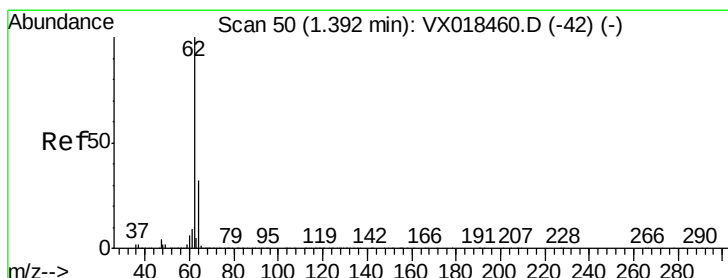
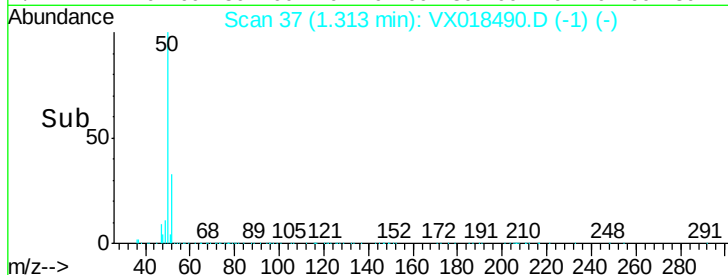
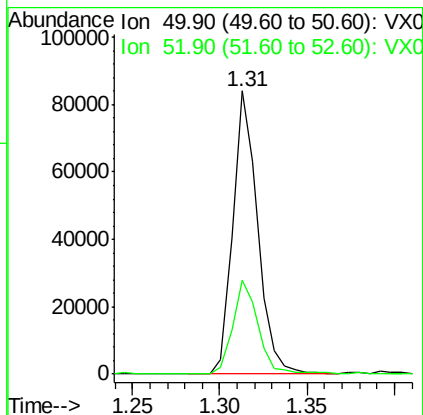
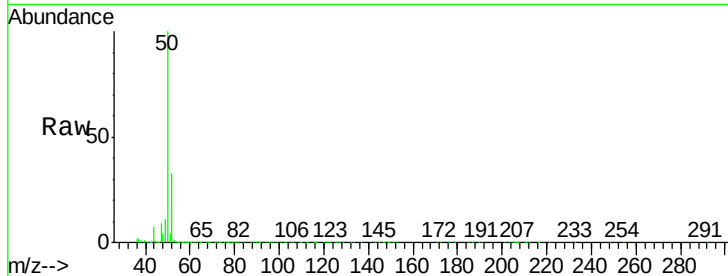
50 100

52 32.9 26.6 40.0

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#4

Vinyl Chloride

Concen: 17.565 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018490.D

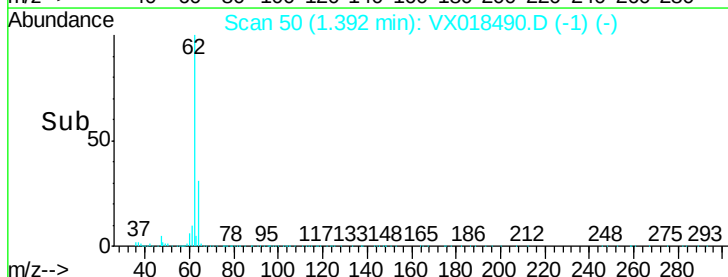
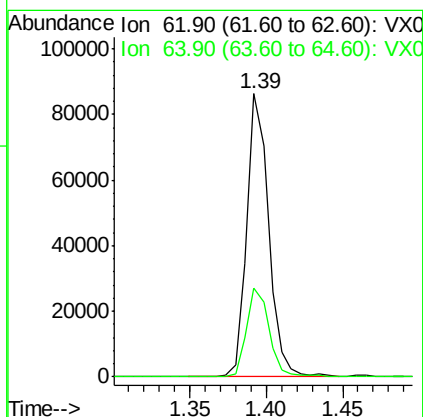
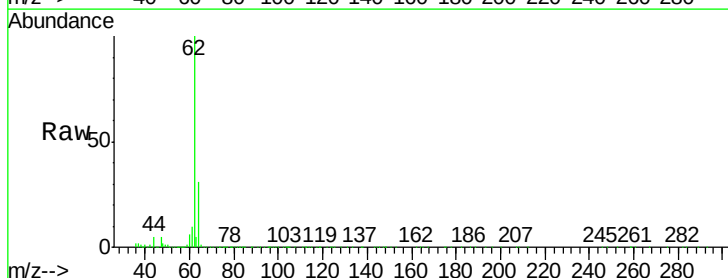
Acq: 18 Sep 2020 14:19

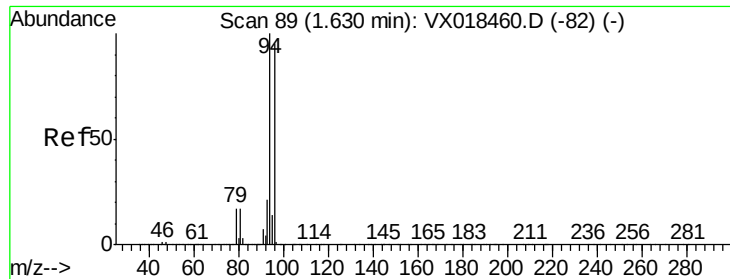
Tgt Ion: 62 Resp: 86110

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 20.280 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tot Ion: 94 Resp: 61018

Ion Ratio Lower Upper

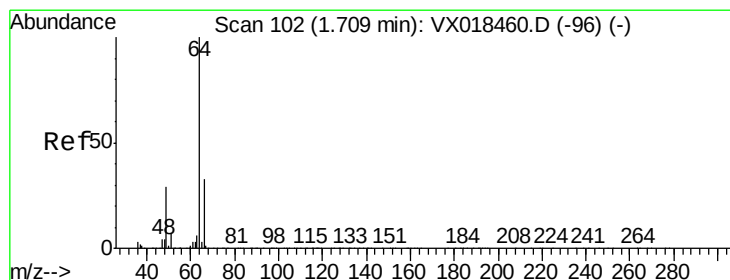
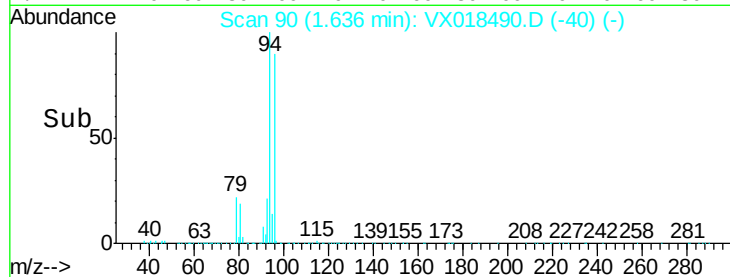
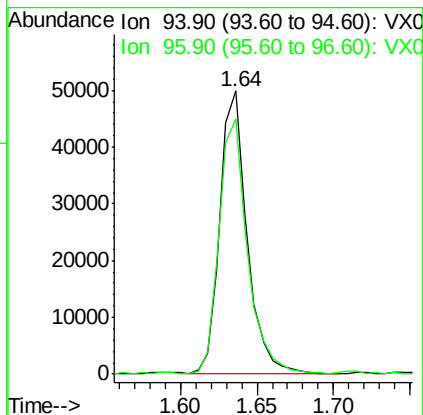
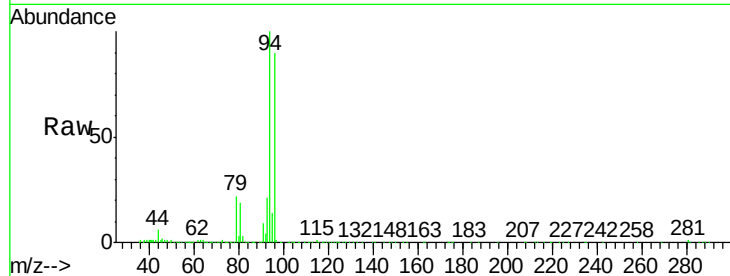
94 100

96 89.9 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 18.420 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018490.D

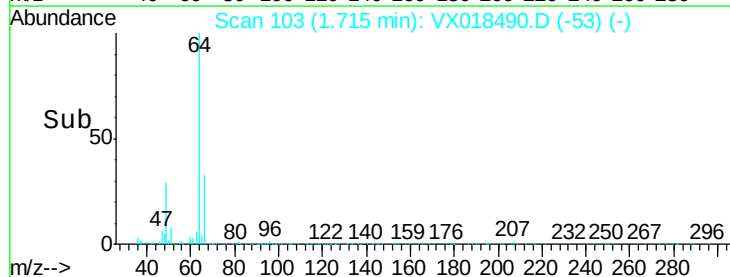
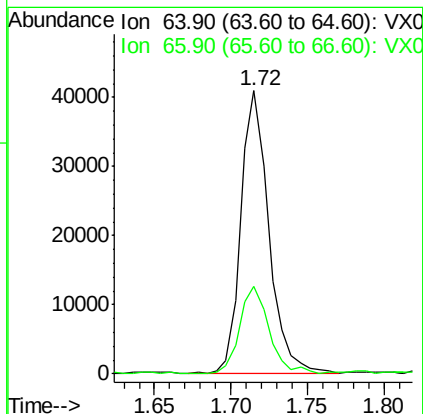
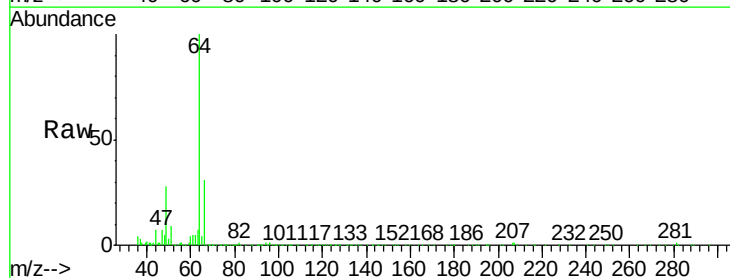
Acq: 18 Sep 2020 14:19

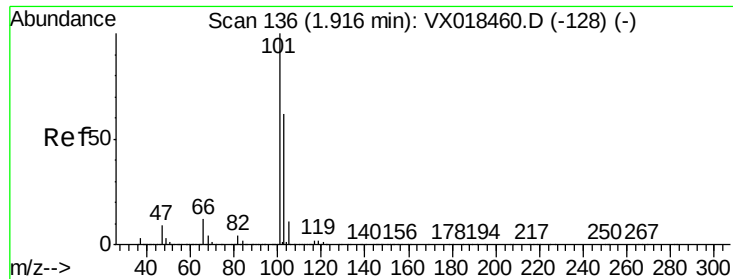
Tgt Ion: 64 Resp: 51679

Ion Ratio Lower Upper

64 100

66 30.5 26.2 39.4





#7

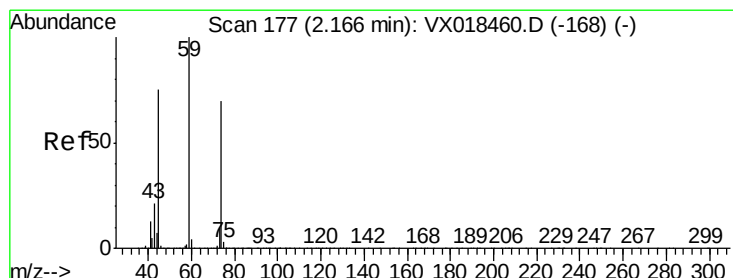
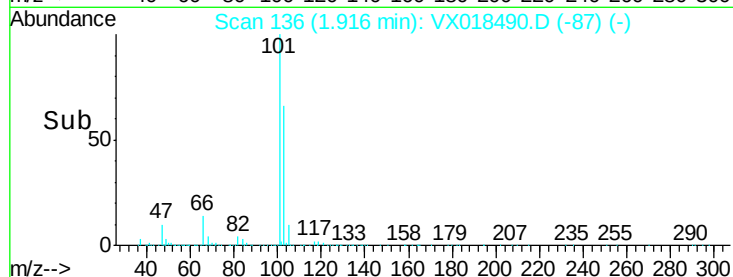
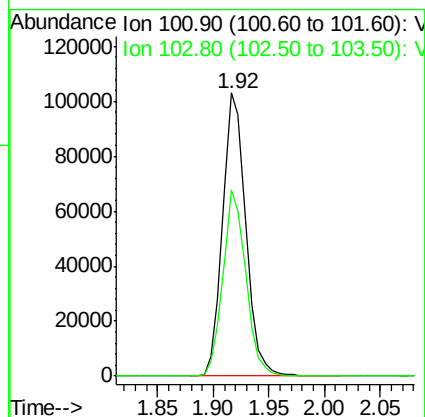
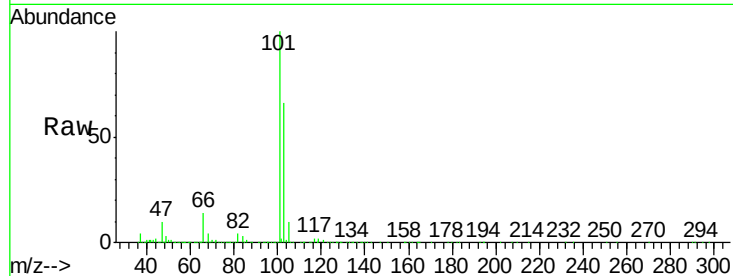
Trichlorofluoromethane
Concen: 20.016 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	49.6	74.4

Manual Integrations
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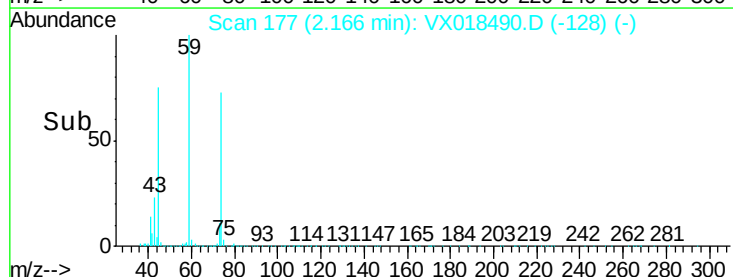
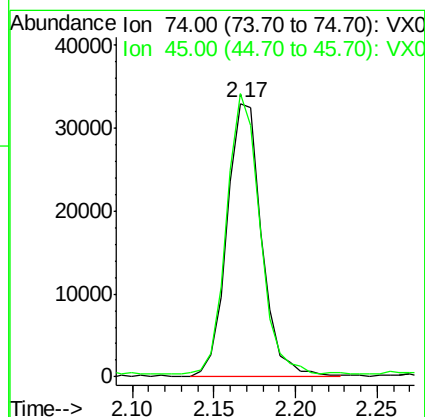
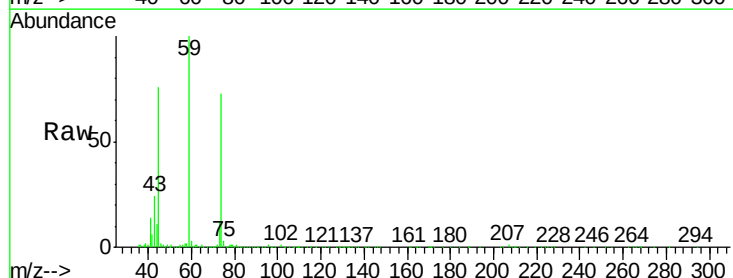
MMDadoda
9/21/2020 11:50:50 AM

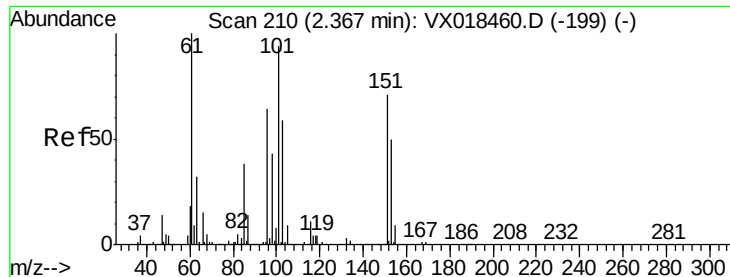


#8

Diethyl Ether
Concen: 18.691 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.827 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

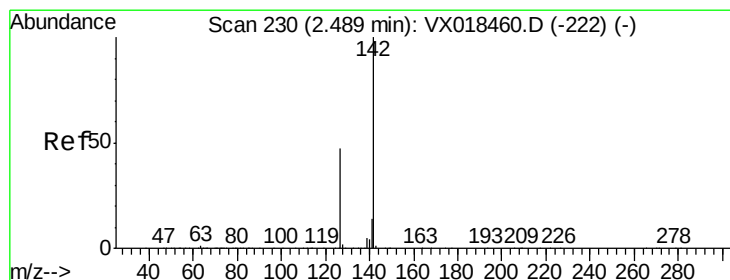
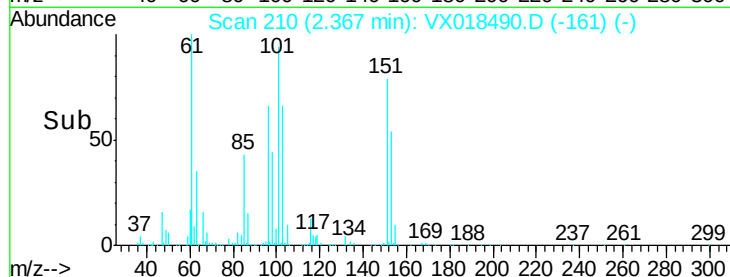
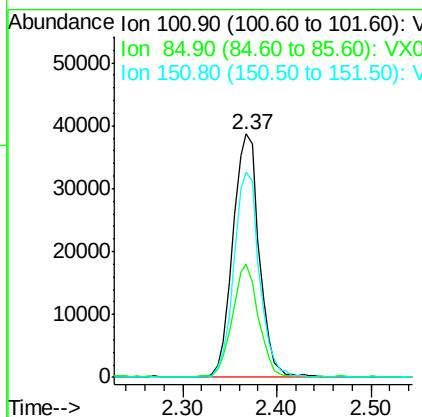
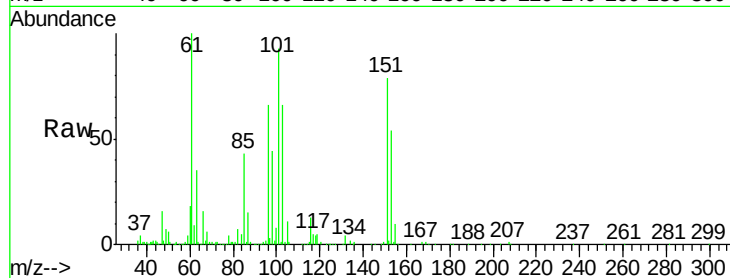
ClientSampleID :

VX0918WBSD02

Tot Ion:	101	Resp:	75466
Ion Ratio	Lower	Upper	
101	100		
85	46.2	34.7	52.1
151	82.0	64.9	97.3

Manual Integrations
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9/21/2020 11:50:50 AM



#10

Methyl Iodide

Concen: 20.504 ug/l

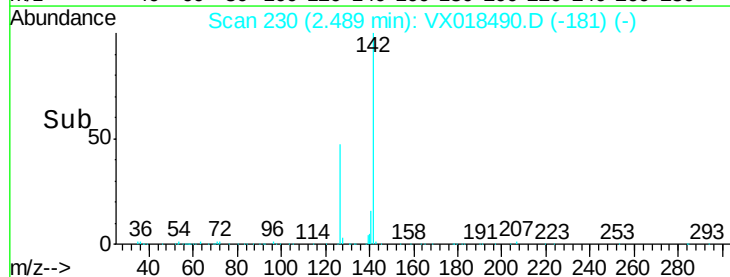
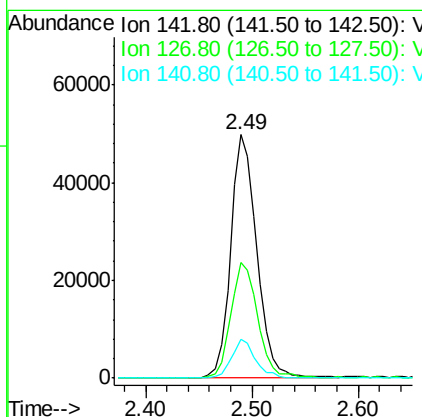
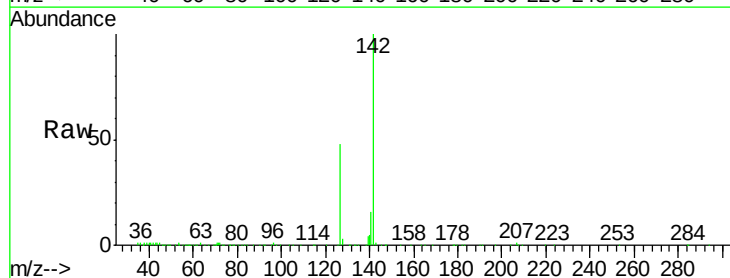
RT: 2.49 min Scan# 230

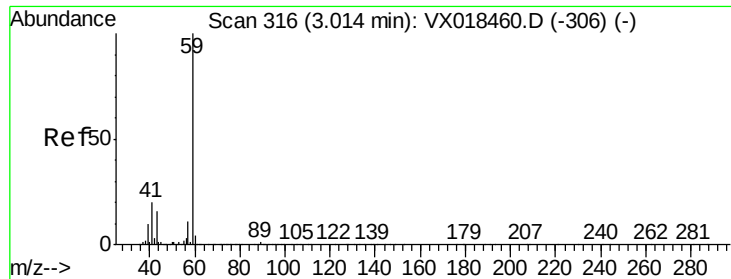
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion:	142	Resp:	85752
Ion Ratio	Lower	Upper	
142	100		
127	49.1	36.0	54.0
141	14.8	11.9	17.9





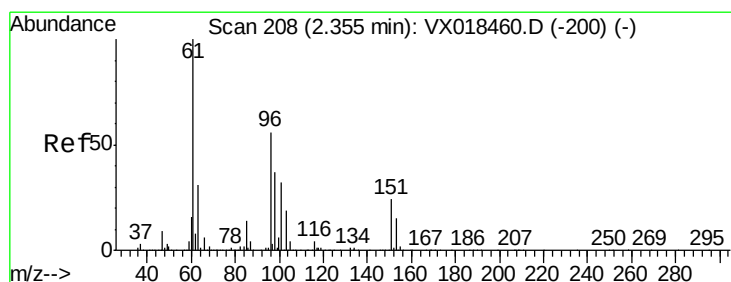
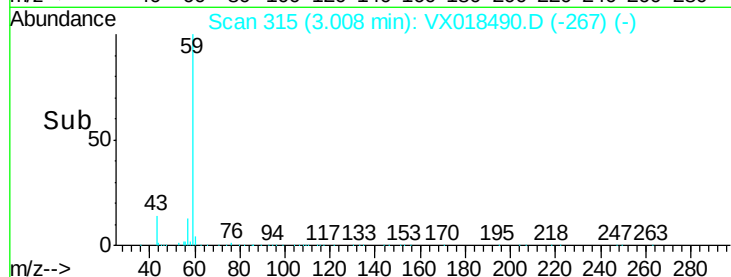
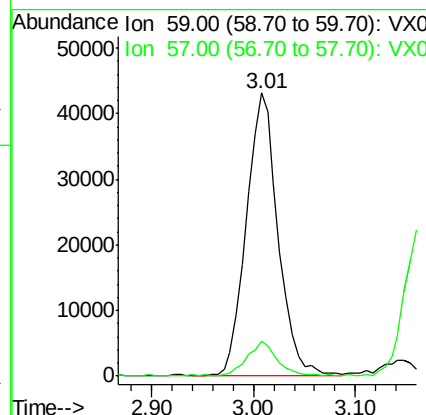
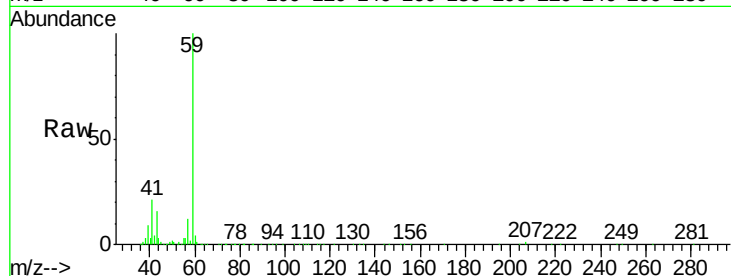
#11
Tert butyl alcohol
Concen: 91.229 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

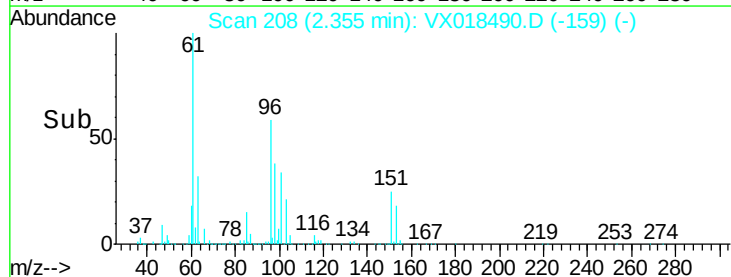
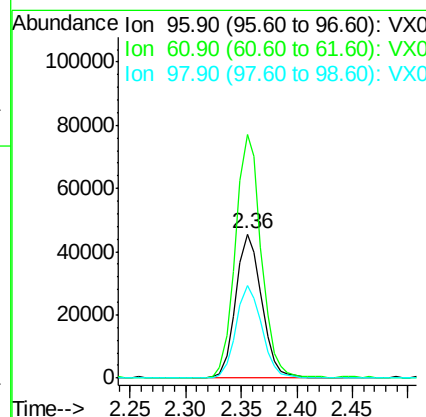
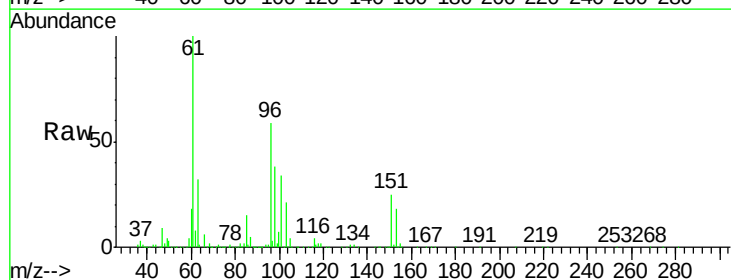
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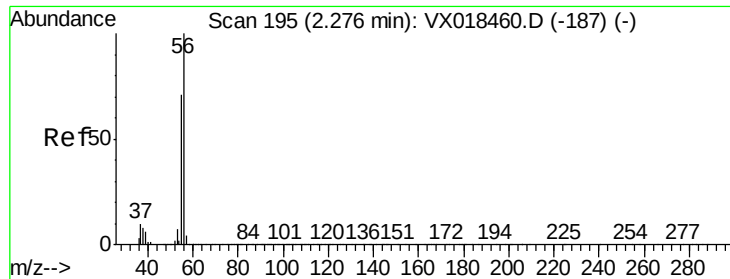
MMDadoda
9/21/2020 11:50:50 AM



#12
1,1-Dichloroethene
Concen: 18.207 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	142.2	213.4
98	64.6	52.4	78.6





#13

Acrolein

Concen: 71.350 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tot Ion: 56 Resp: 46392

Ion Ratio Lower Upper

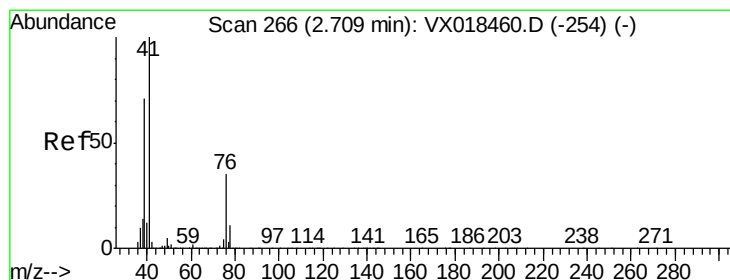
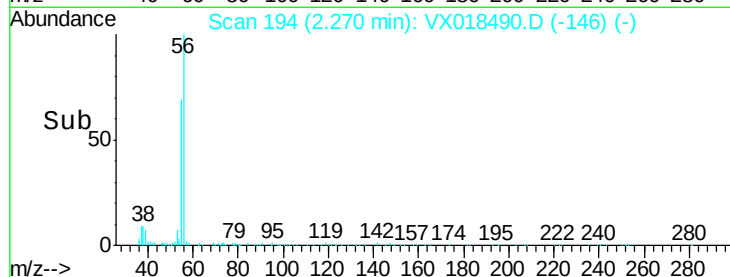
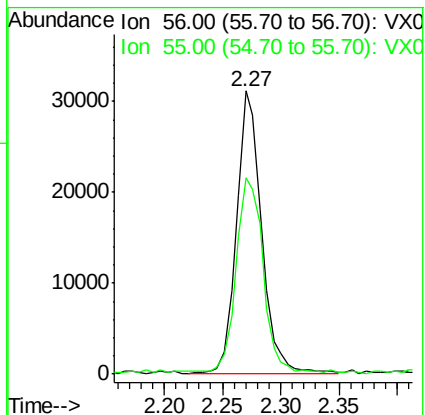
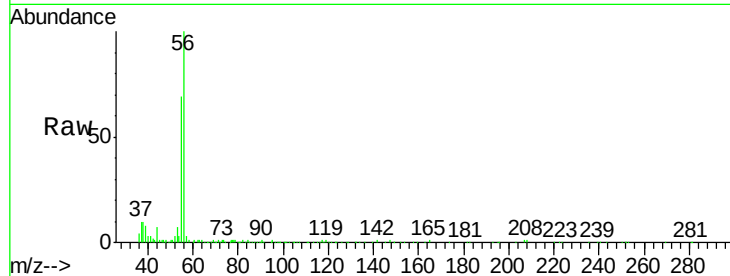
56 100

55 73.9 58.2 87.4

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#14

Allyl chloride

Concen: 17.035 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

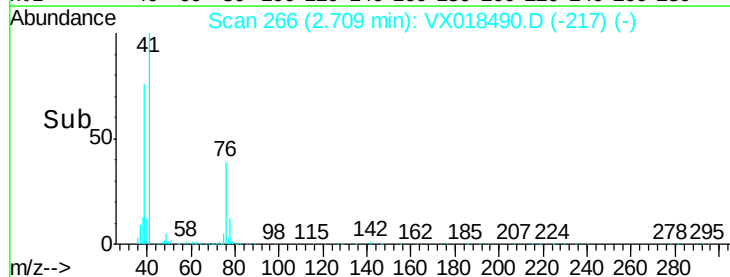
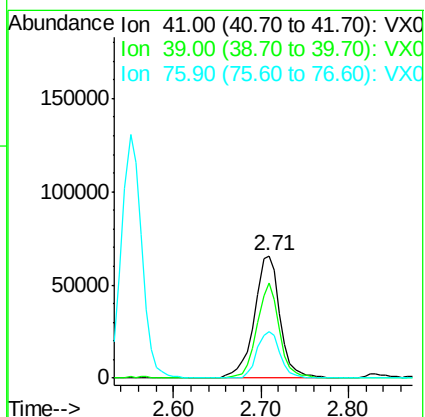
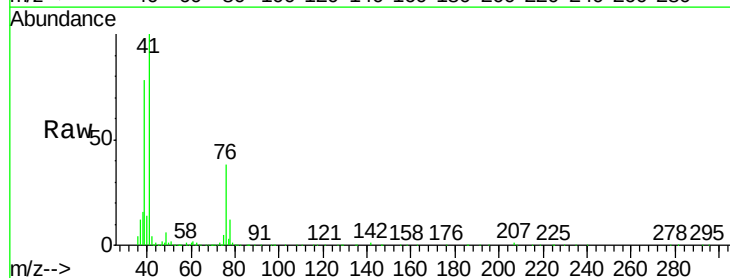
Tgt Ion: 41 Resp: 133369

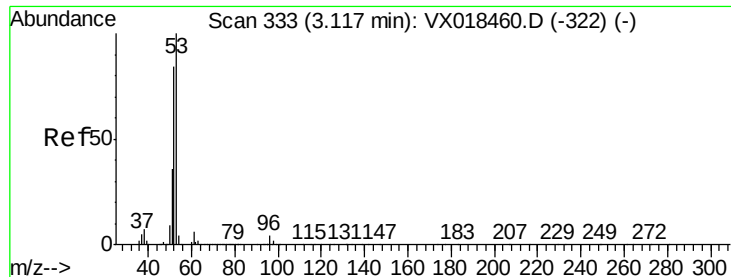
Ion Ratio Lower Upper

41 100

39 67.3 51.1 76.7

76 34.0 26.0 39.0





#15

Acrylonitrile

Concen: 95.195 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

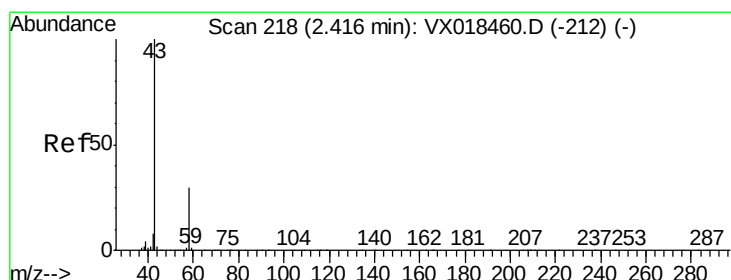
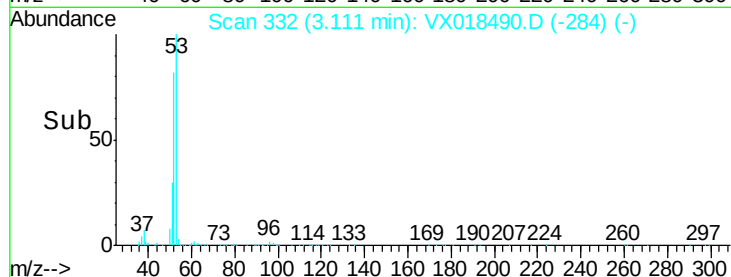
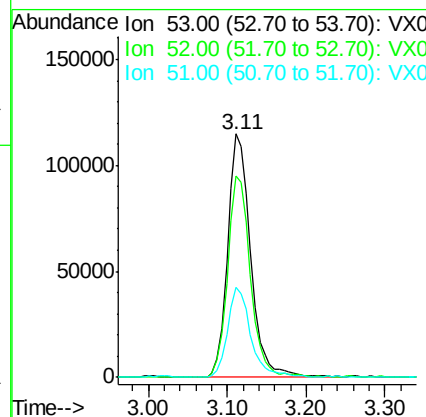
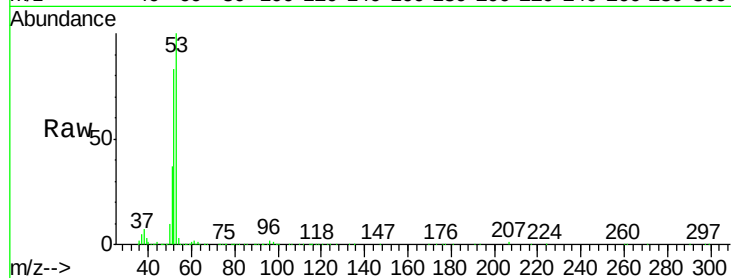
ClientSampleId :

VX0918WBSD02

Tot Ion:	53	Resp:	233245
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.8	98.8
51	36.9	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 88.726 ug/l

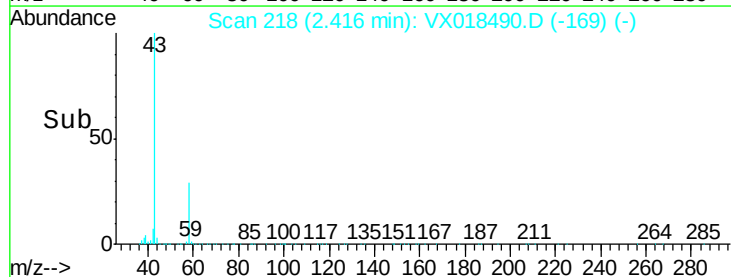
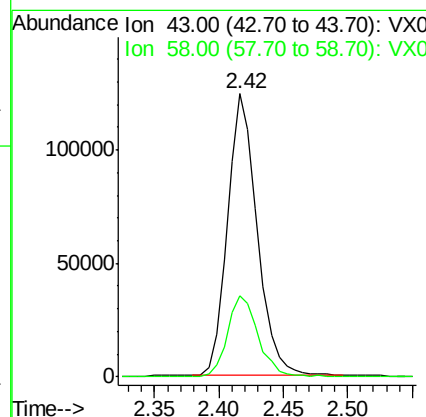
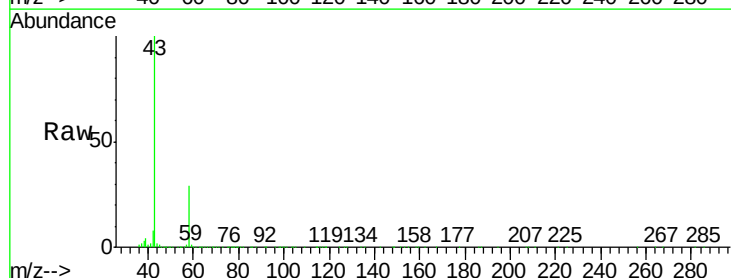
RT: 2.42 min Scan# 218

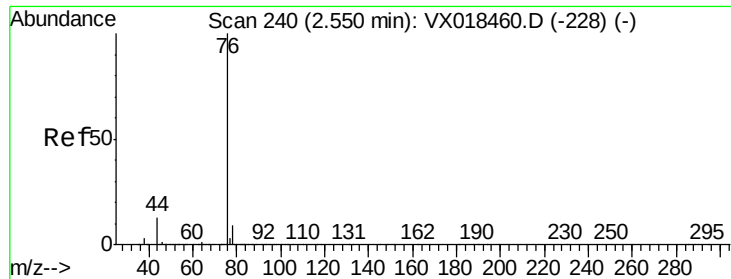
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion:	43	Resp:	200259
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.0	36.0





#17

Carbon Disulfide

Concen: 17.365 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tot Ion: 76 Resp: 209530

Ion Ratio Lower Upper

76 100

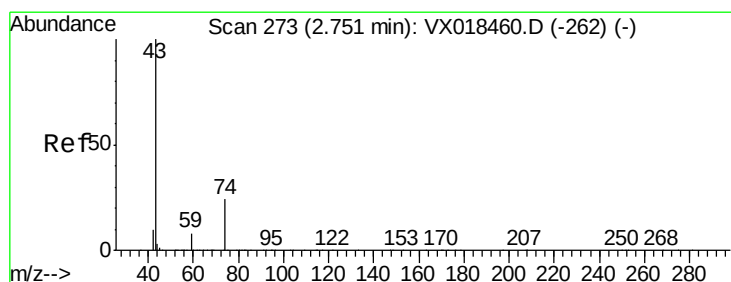
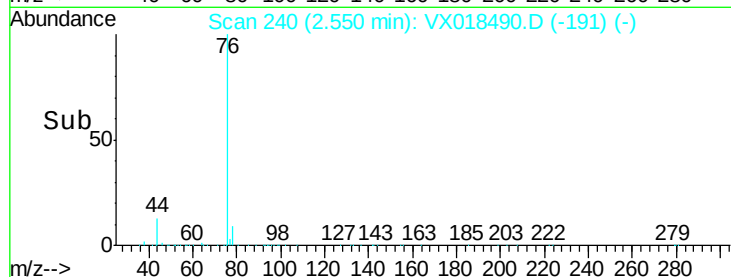
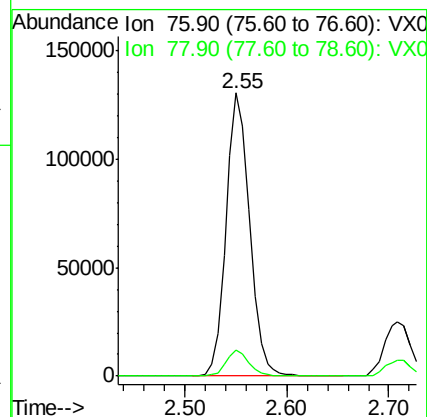
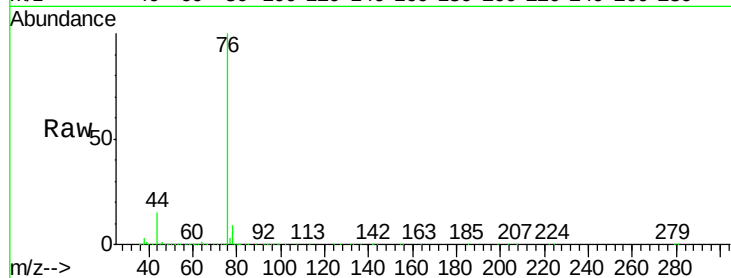
78 9.1 7.0 10.4

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#18

Methyl Acetate

Concen: 20.046 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018490.D

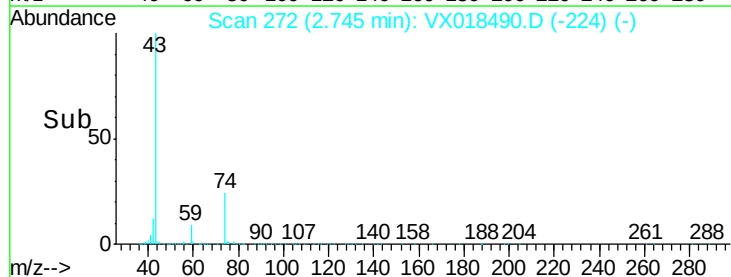
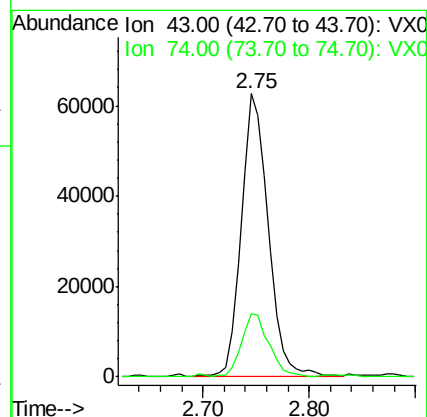
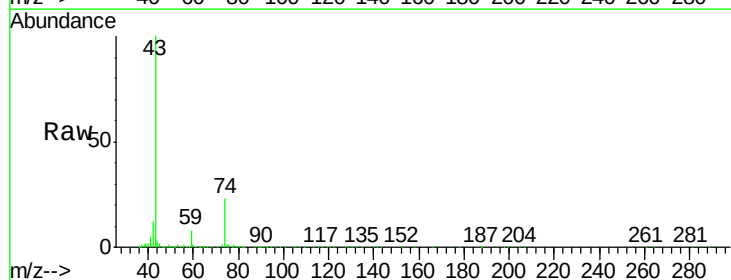
Acq: 18 Sep 2020 14:19

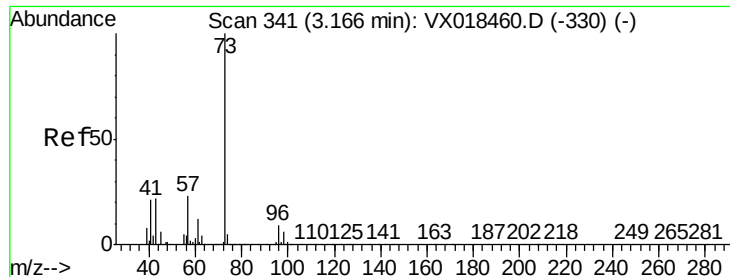
Tgt Ion: 43 Resp: 112102

Ion Ratio Lower Upper

43 100

74 22.7 18.3 27.5





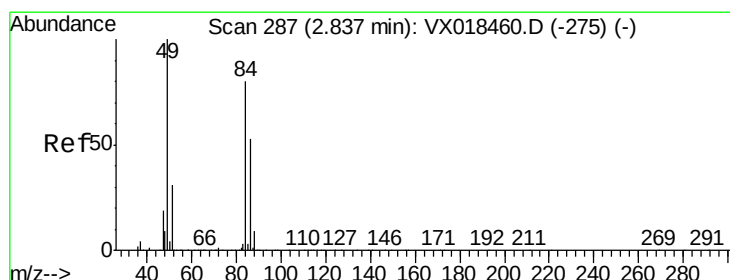
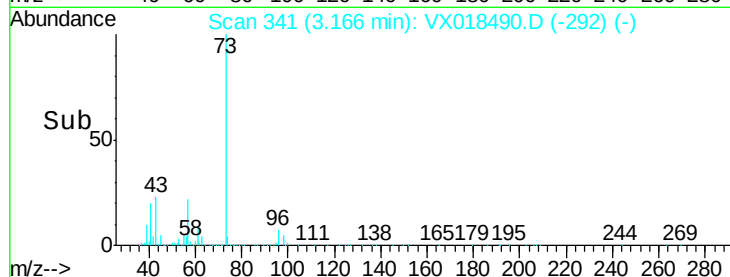
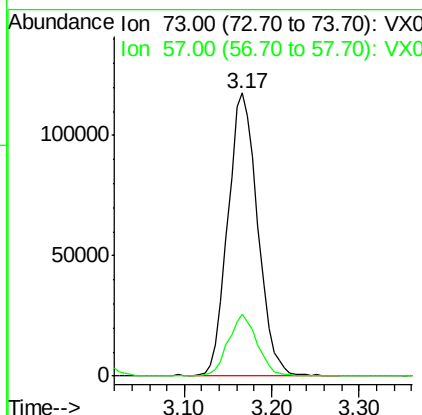
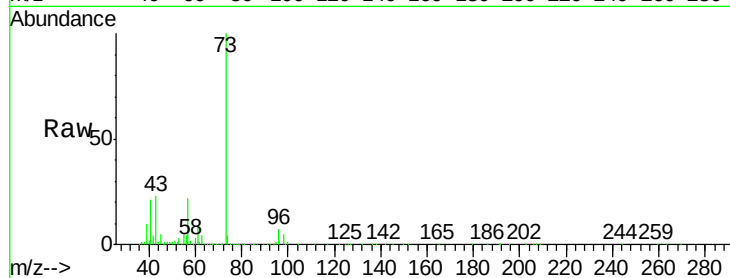
#19
Methyl tert-butyl Ether
Concen: 19.597 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.0	27.0

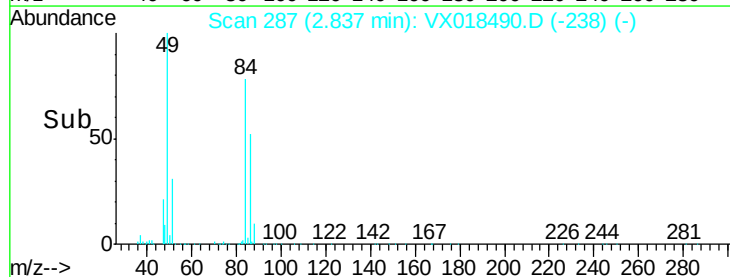
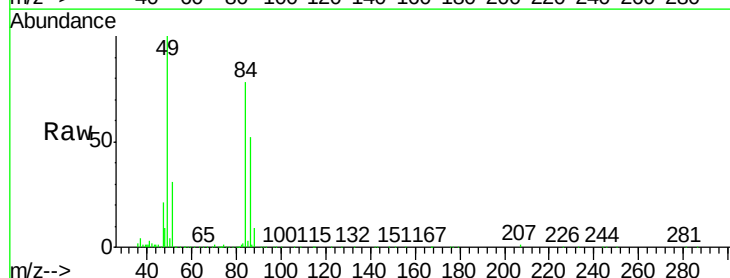
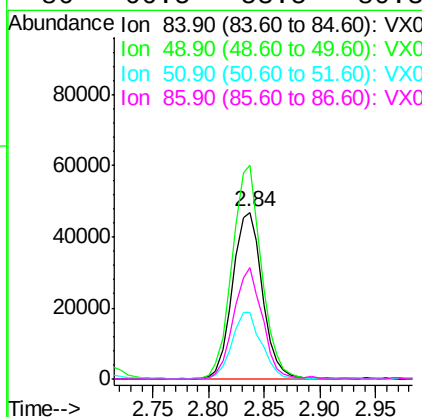
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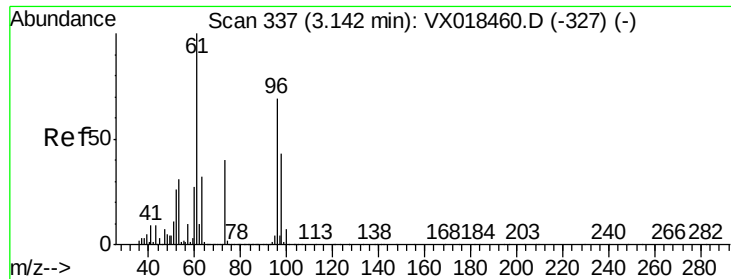
MMDadoda
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#20
Methylene Chloride
Concen: 17.413 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.3	100.6	151.0
51	39.6	30.9	46.3
86	66.5	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 17.713 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

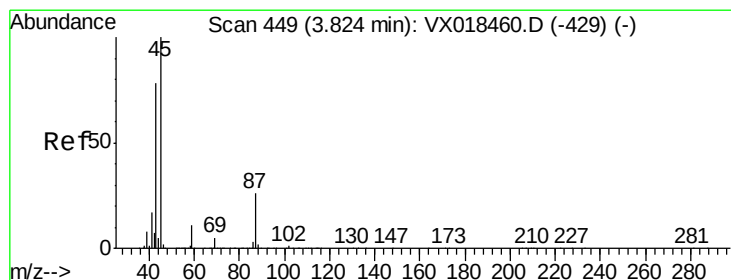
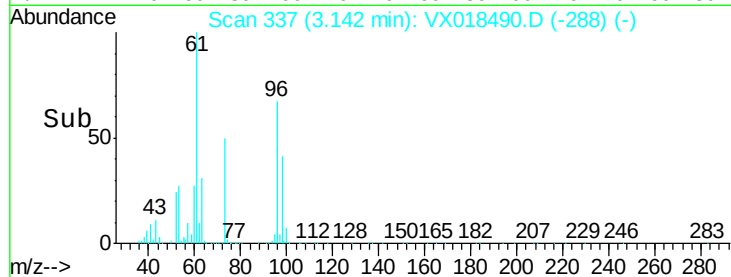
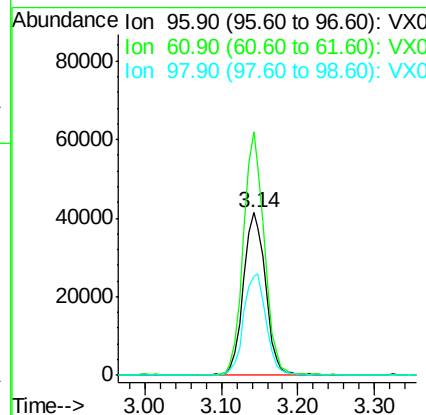
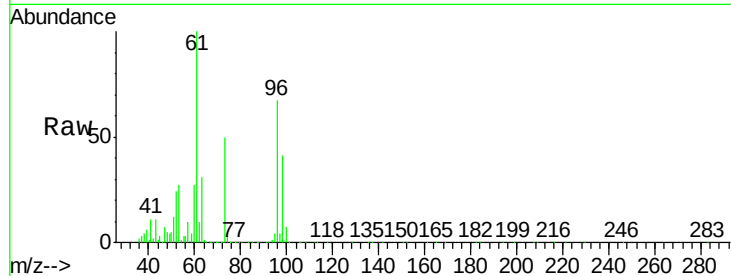
ClientSampleId :

VX0918WBSD02

Tot Ion:	96	Resp:	83171
Ion Ratio	Lower	Upper	
96	100		
61	149.4	115.6	173.4
98	61.1	50.2	75.4

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#22

Diisopropyl ether

Concen: 18.302 ug/l

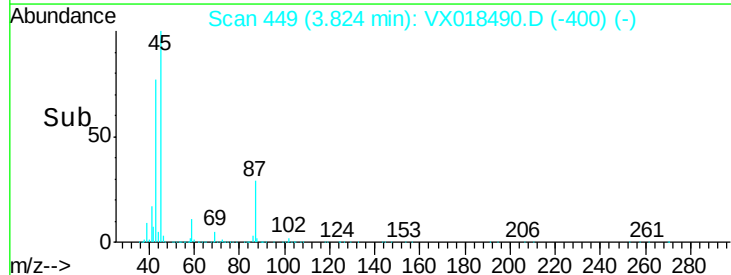
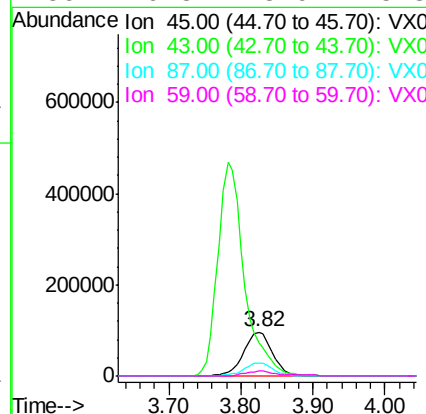
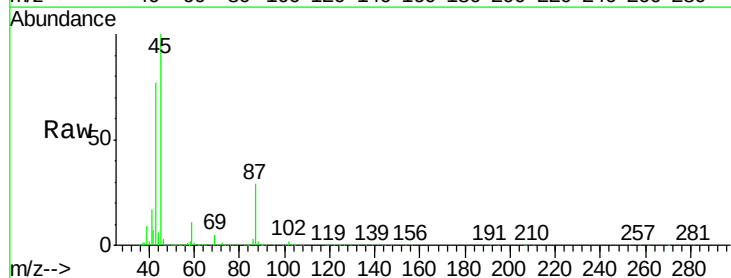
RT: 3.82 min Scan# 449

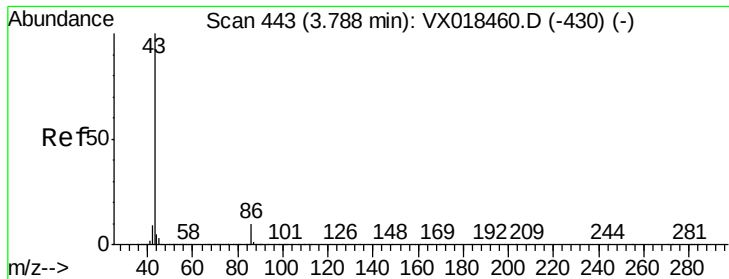
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion:	45	Resp:	269344
Ion Ratio	Lower	Upper	
45	100		
43	76.3	62.4	93.6
87	28.5	21.2	31.8
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 92.232 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tot Ion: 43 Resp: 1202750

Ion Ratio Lower Upper

43 100

86 10.6 8.1 12.1

Instrument :

MSVOA_X

ClientSampled :

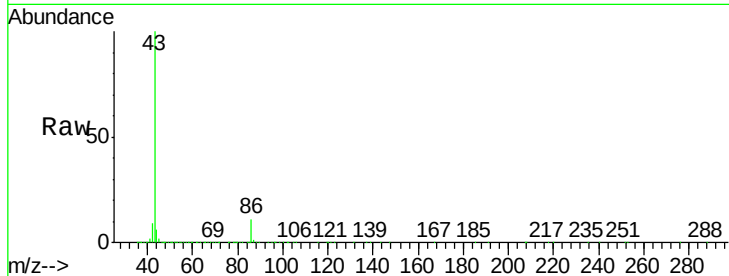
VX0918WBSD02

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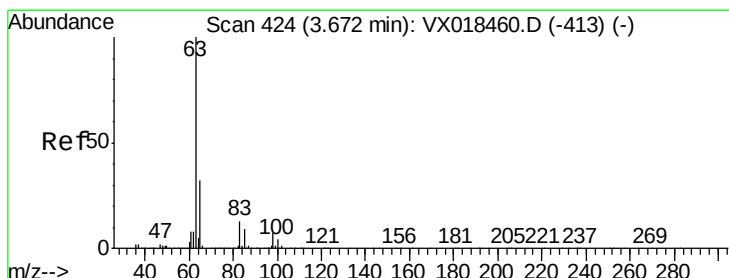
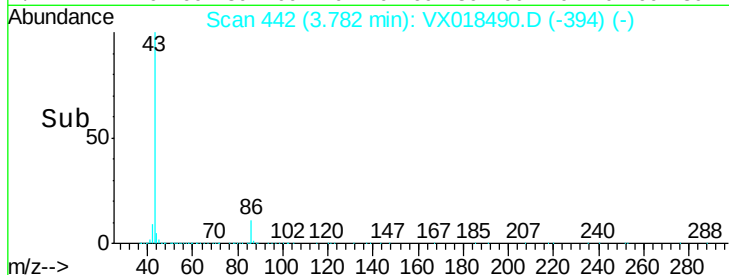
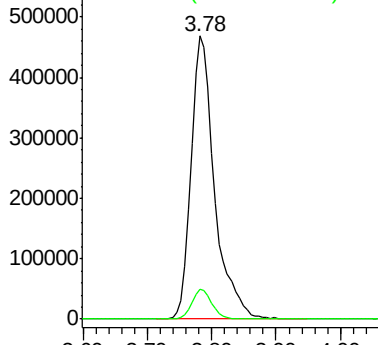
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.918 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

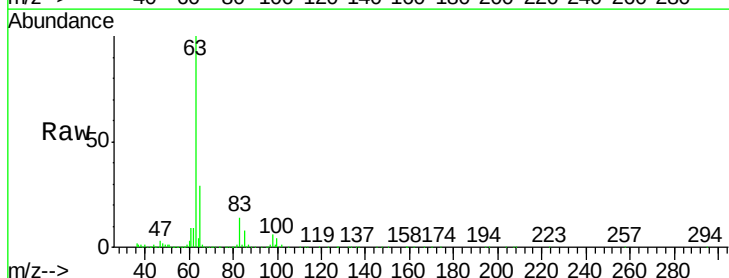
Tgt Ion: 63 Resp: 152074

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

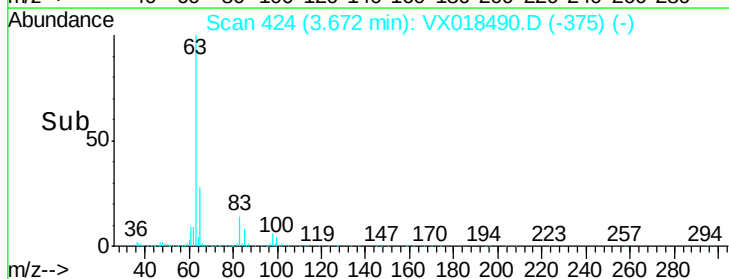
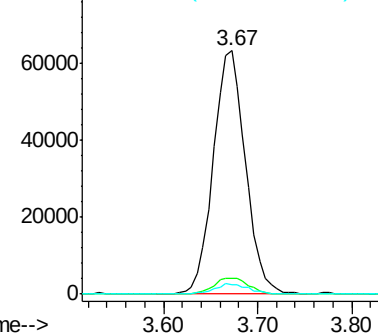
100 4.0 1.9 5.7

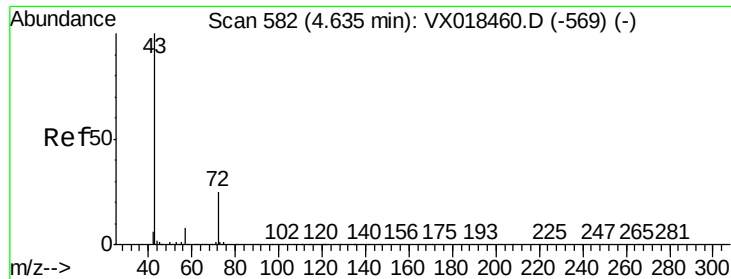


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.080 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tot Ion: 43 Resp: 316615

Ion Ratio Lower Upper

43 100

72 23.6 20.2 30.4

Instrument :

MSVOA_X

ClientSampleId :

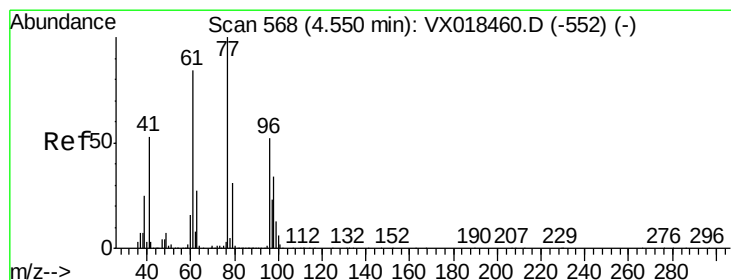
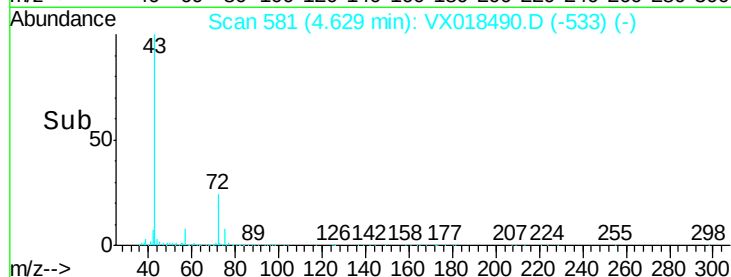
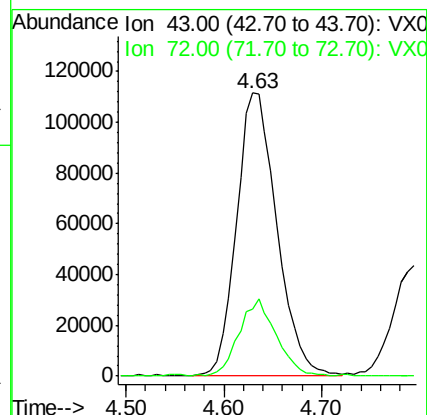
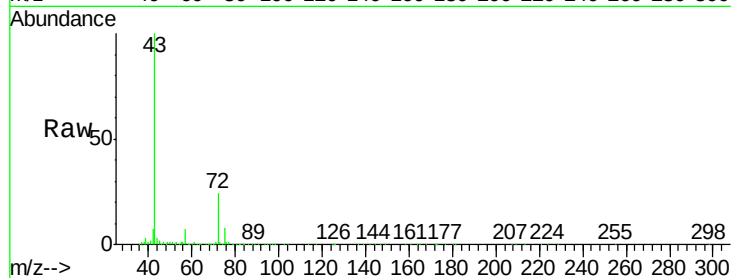
VX0918WBSD02

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#26

2,2-Dichloropropane

Concen: 17.323 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018490.D

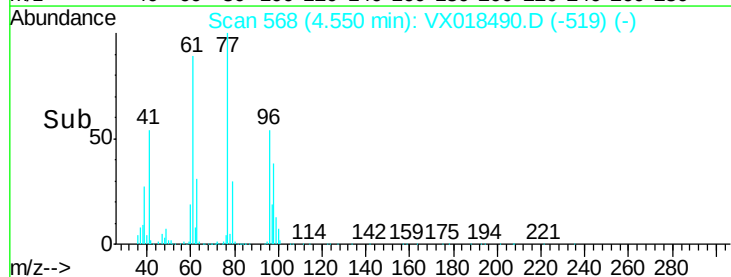
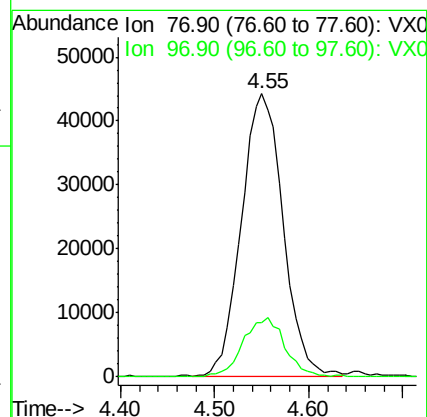
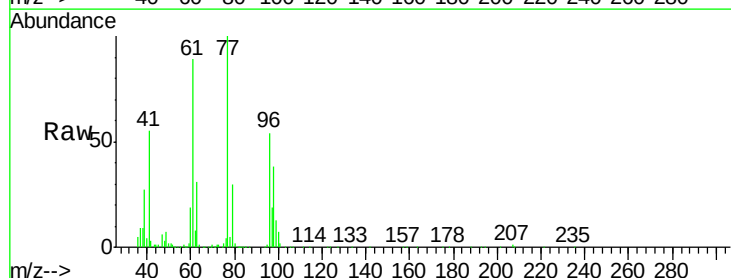
Acq: 18 Sep 2020 14:19

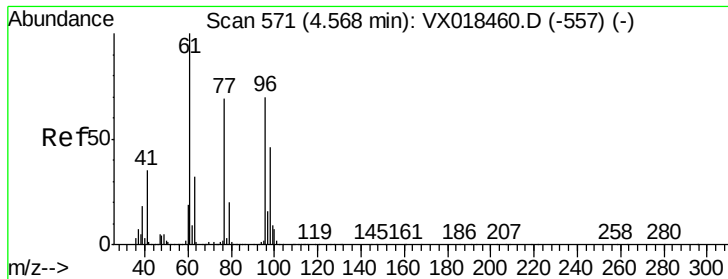
Tgt Ion: 77 Resp: 135843

Ion Ratio Lower Upper

77 100

97 21.1 11.2 33.5





#27

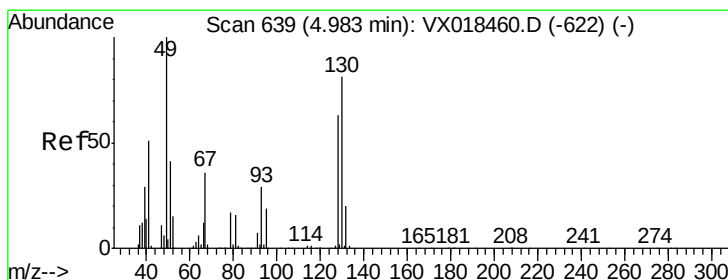
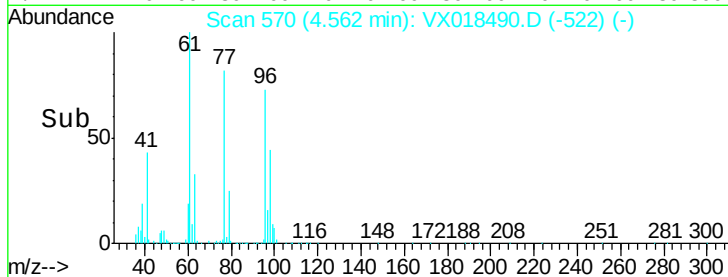
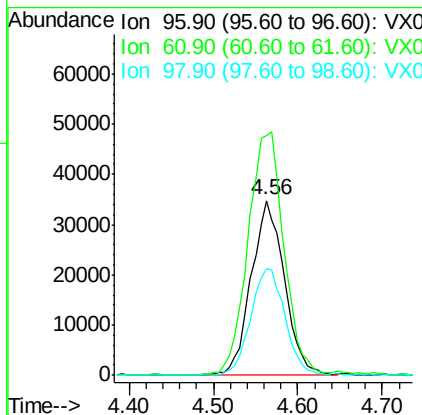
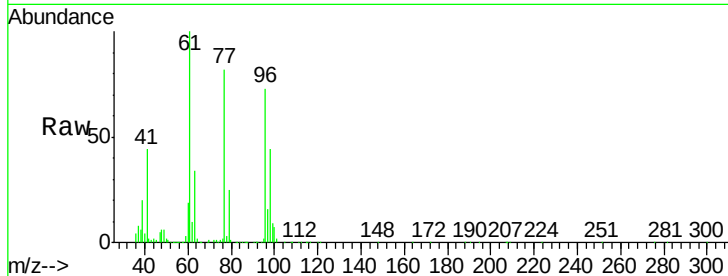
cis-1,2-Dichloroethene
Concen: 17.798 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.3	0.0	300.0	
98	62.6	0.0	130.4	

Manual Integrations
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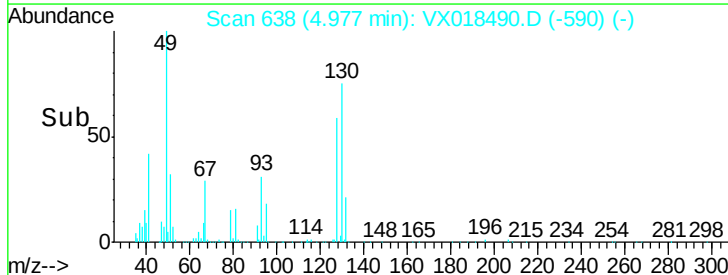
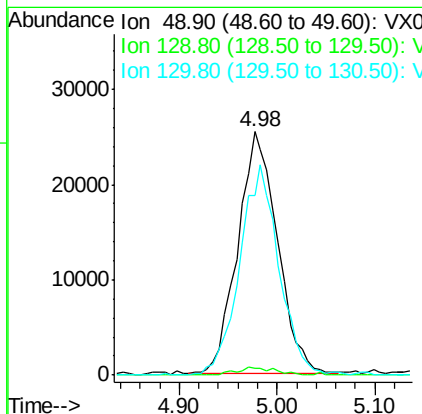
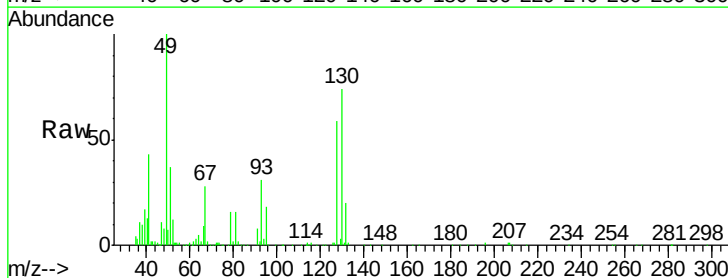
MMDadoda
9/21/2020 11:50:50 AM

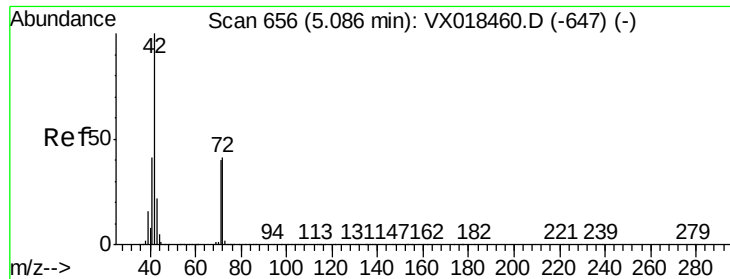


#28

Bromochloromethane
Concen: 17.983 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.2	0.0	4.6	
130	86.0	65.0	97.4	





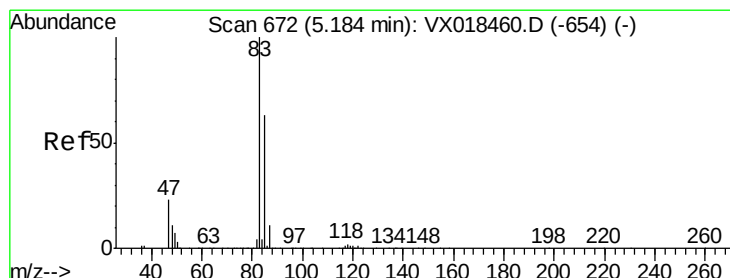
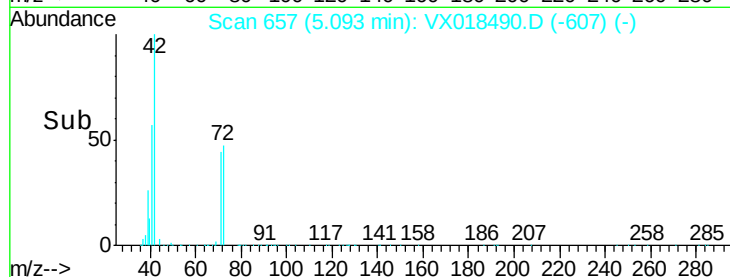
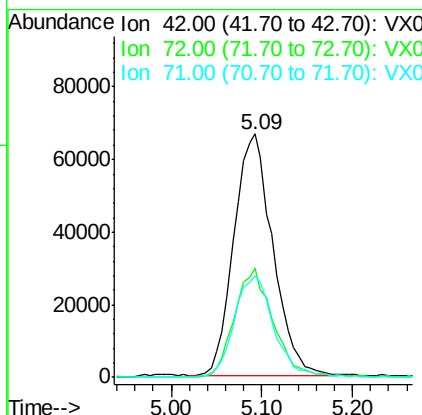
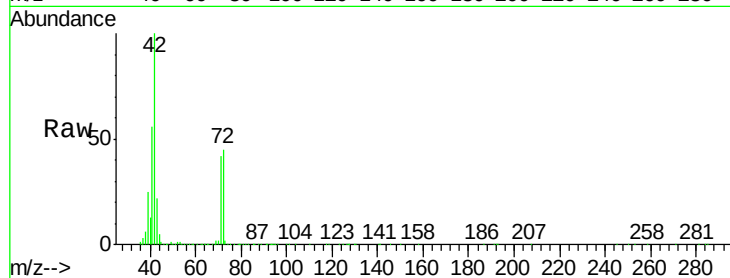
#29
Tetrahydrofuran
Concen: 89.427 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.3	51.5
71	43.1	32.1	48.1

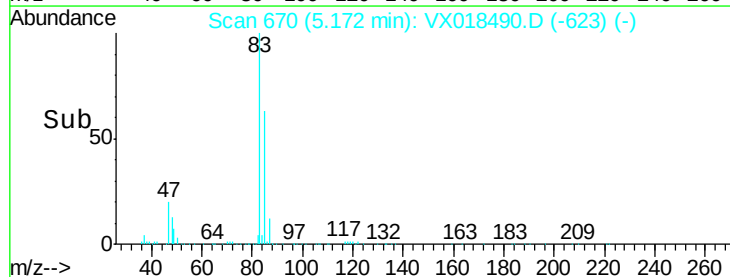
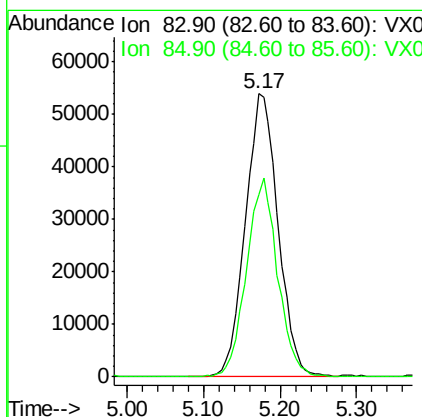
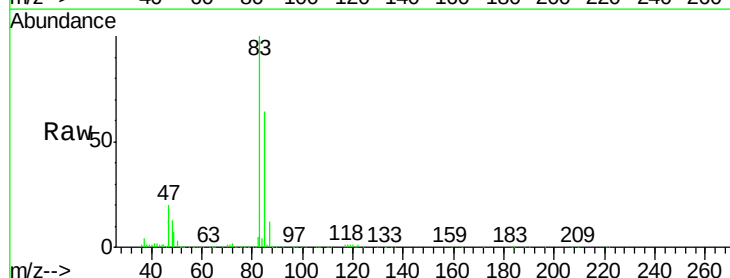
Manual Integrations
APPROVED

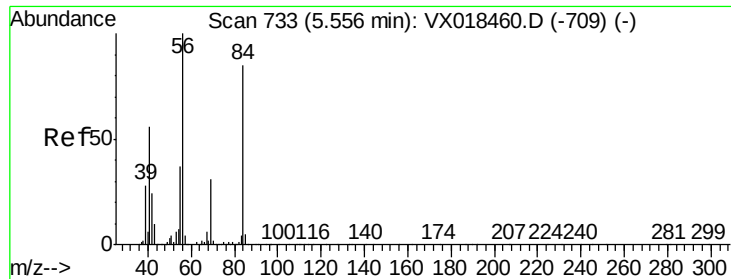
MMDadoda
9/21/2020 11:50:50 AM



#30
Chloroform
Concen: 18.643 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.6	76.0





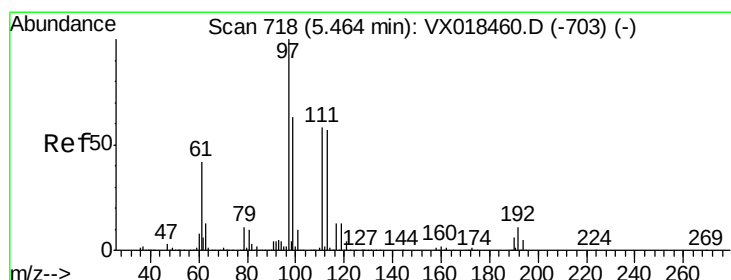
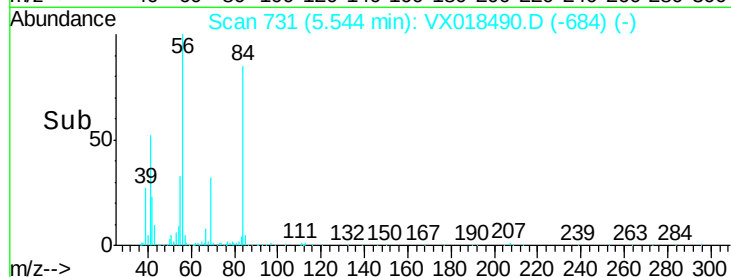
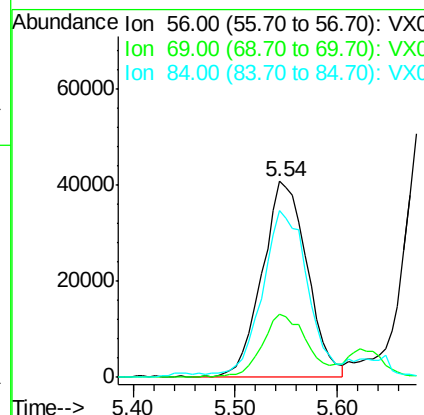
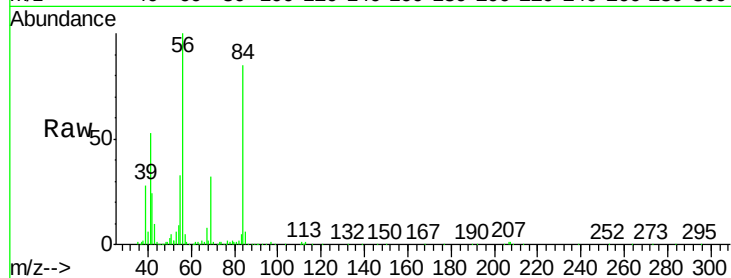
#31
Cyclohexane
Concen: 17.511 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.8	37.2
84	83.0	67.6	101.4

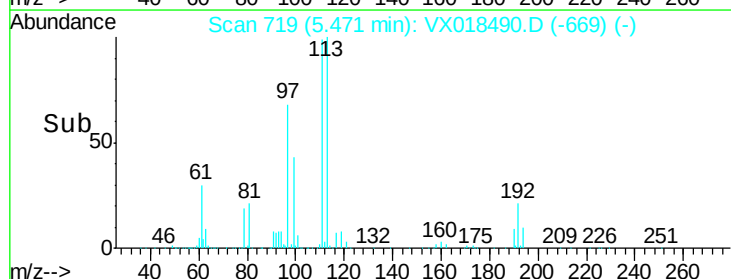
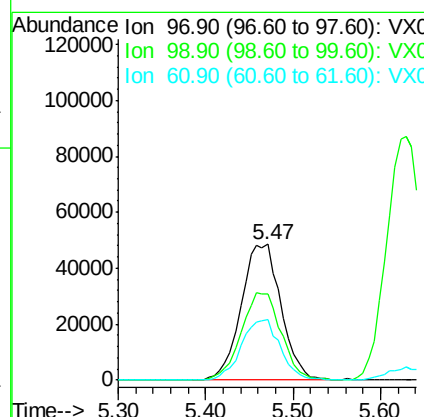
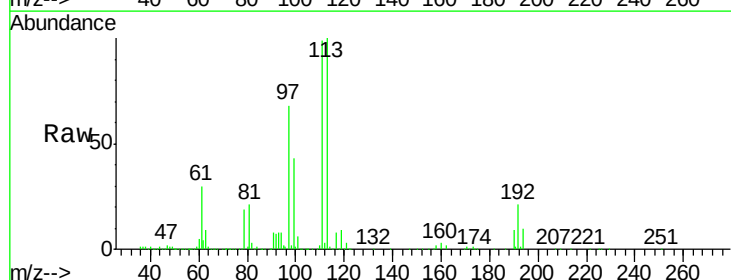
Manual Integrations
APPROVED

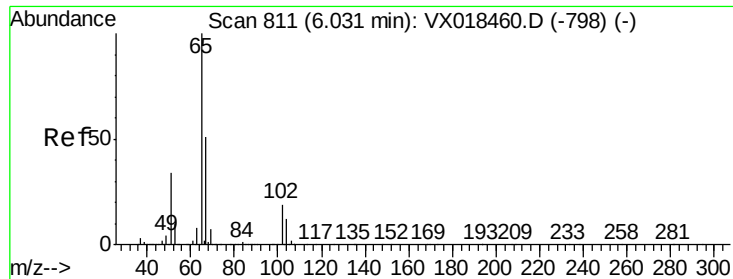
MMDadoda
9/21/2020 11:50:50 AM



#32
1,1,1-Trichloroethane
Concen: 19.059 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.5	75.7
61	43.6	33.4	50.2





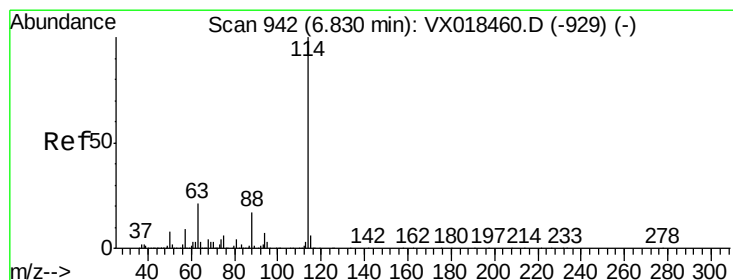
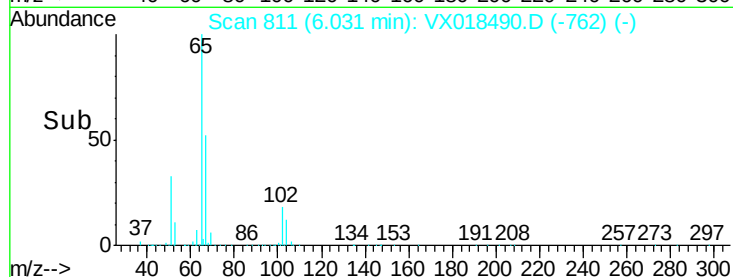
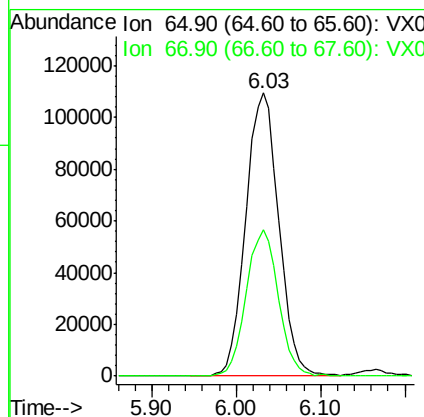
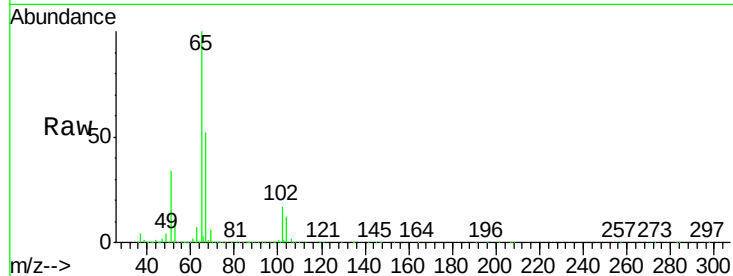
#33
 1,2-Dichloroethane-d4
 Concen: 49.019 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	289298		
67	50.7	0.0	105.6	

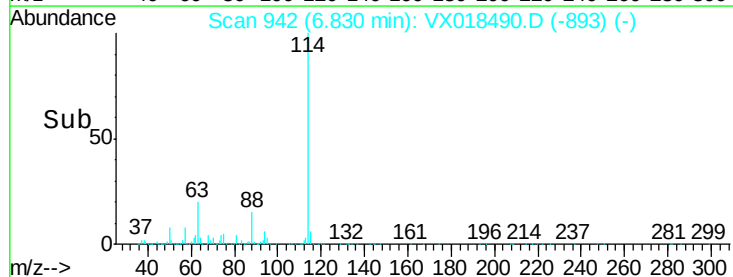
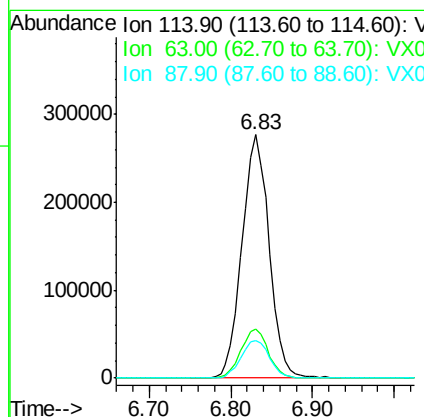
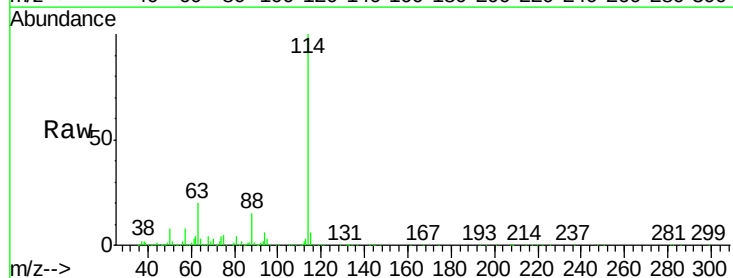
Manual Integrations
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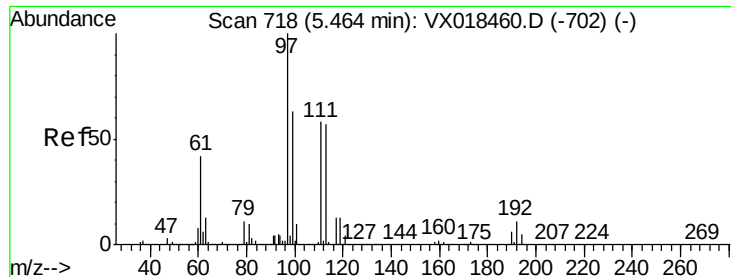
MMDadoda
 9/21/2020 11:50:50 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	638514		
63	20.2	0.0	42.8	
88	15.5	0.0	33.6	





#35

Dibromofluoromethane

Concen: 50.098 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

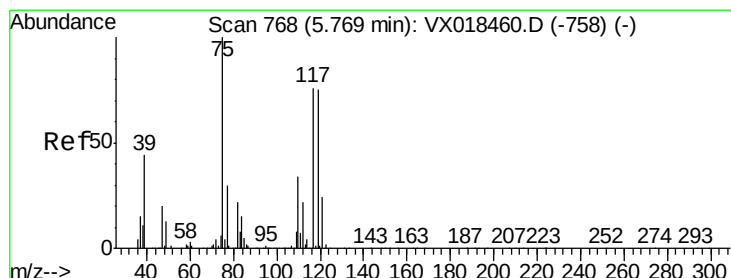
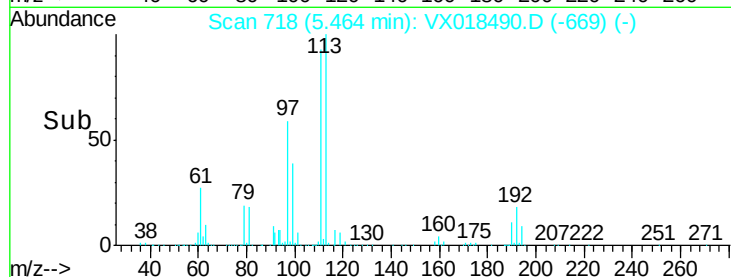
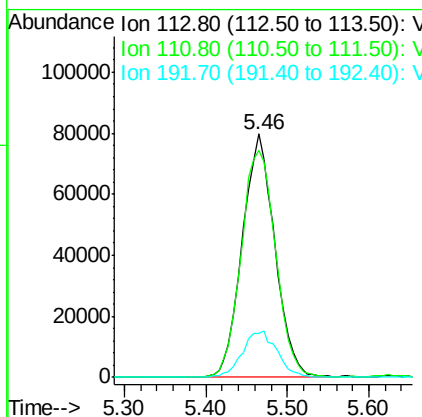
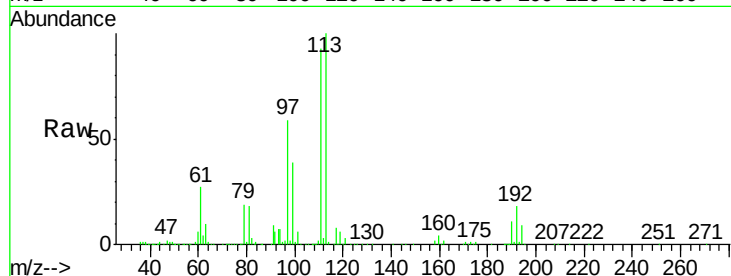
ClientSampleId :

VX0918WBSD02

Tot Ion:	113	Resp:	221141
Ion Ratio	Lower	Upper	
113	100		
111	99.1	81.4	122.2
192	20.1	16.6	24.8

Manual Integrations
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9/21/2020 11:50:50 AM



#36

1,1-Dichloropropene

Concen: 18.386 ug/l

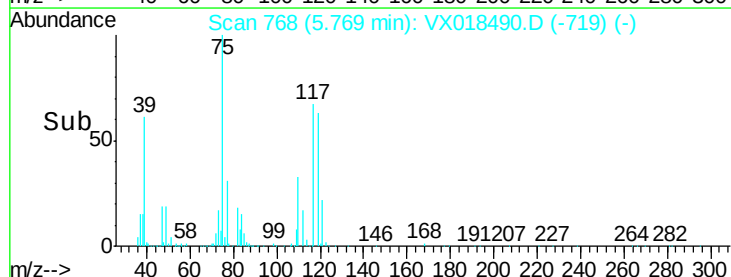
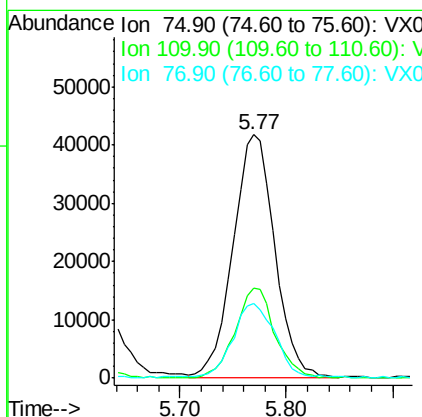
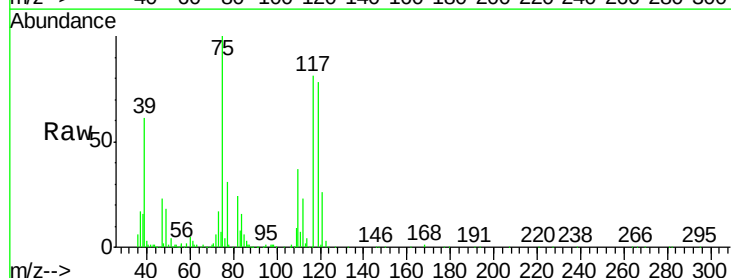
RT: 5.77 min Scan# 768

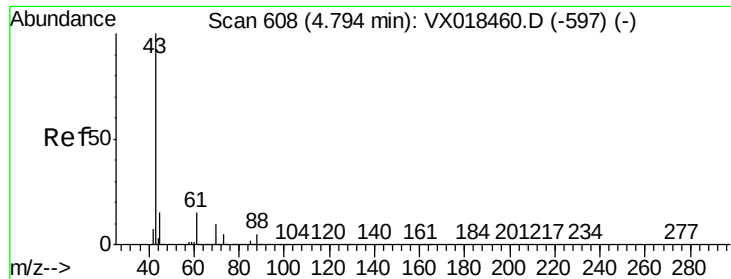
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion:	75	Resp:	113945
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.6	52.8
77	32.0	25.0	37.6





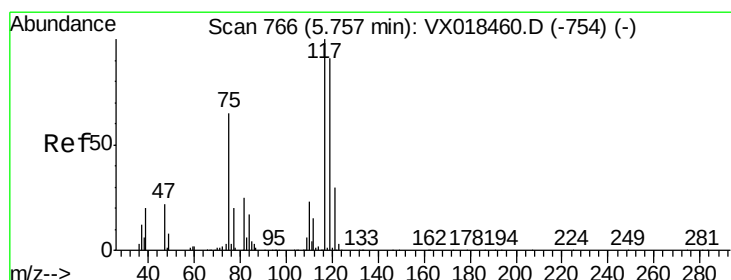
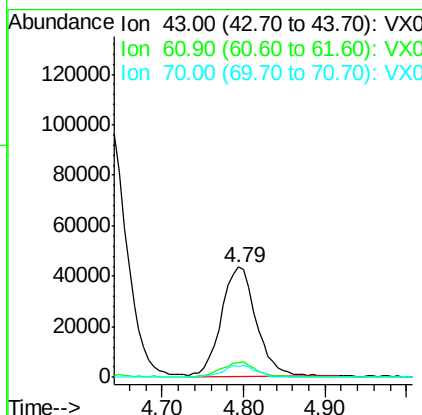
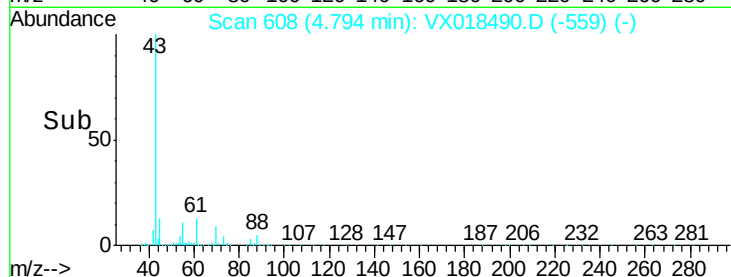
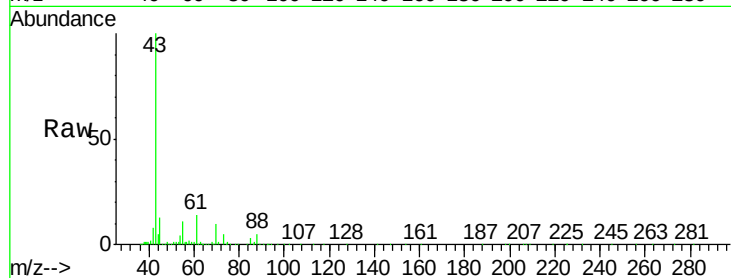
#37
Ethyl Acetate
Concen: 19.382 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	43	Resp	128271
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.9	16.3
70	10.0	8.3	12.5

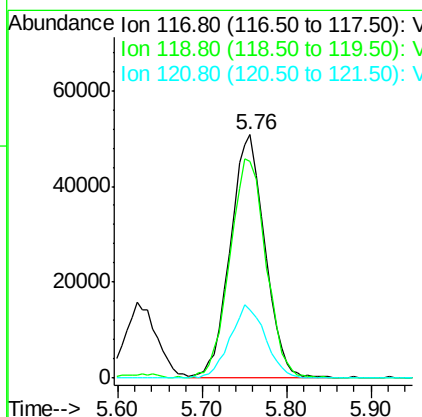
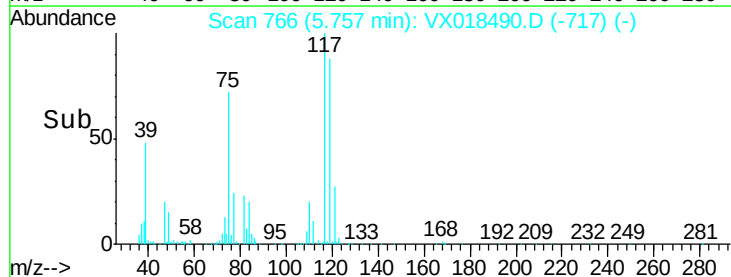
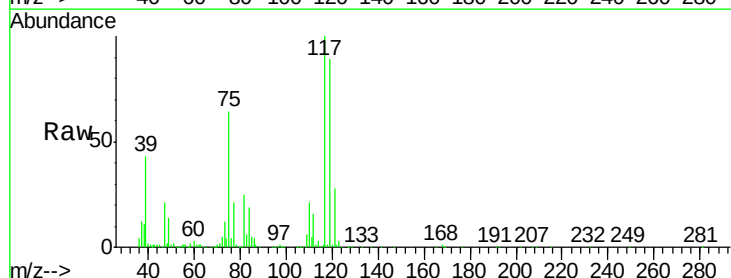
Manual Integrations
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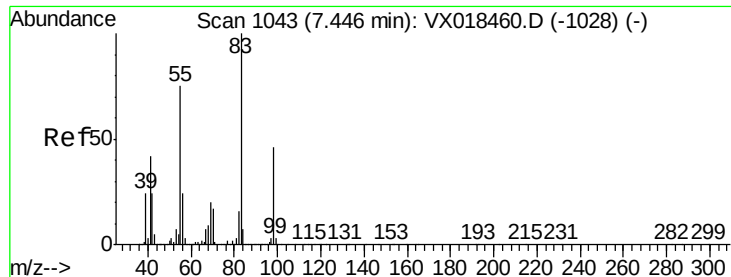
MMDadoda
9/21/2020 11:50:50 AM



#38
Carbon Tetrachloride
Concen: 20.671 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	117	Resp	141880
Ion Ratio	Lower	Upper	
117	100		
119	88.8	72.3	108.5
121	28.2	23.8	35.8





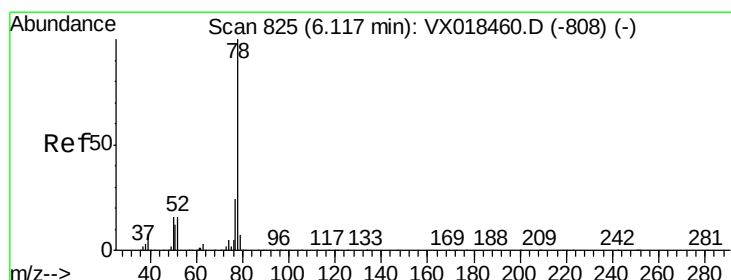
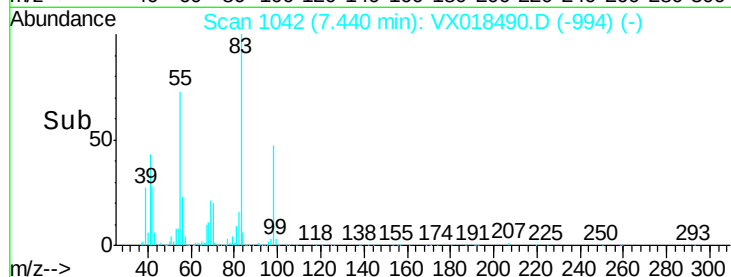
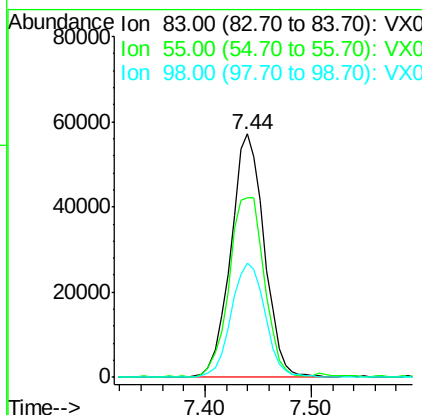
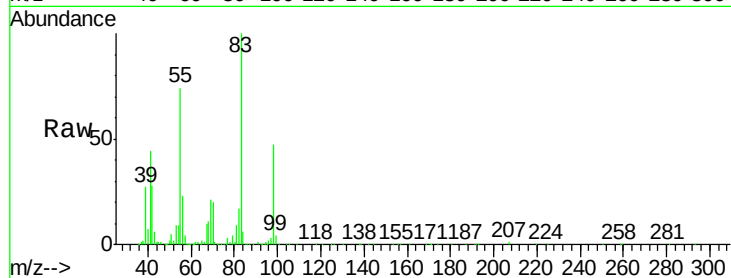
#39
Methylvlcyclohexane
Concen: 18.155 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	126409		
55	73.4		60.2	90.4
98	46.8		36.4	54.6

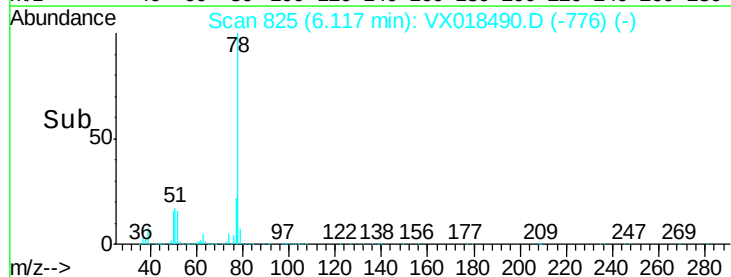
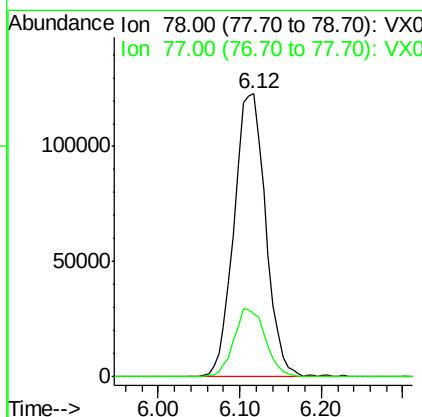
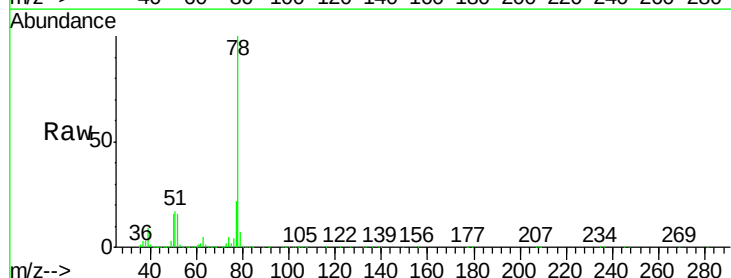
Manual Integrations
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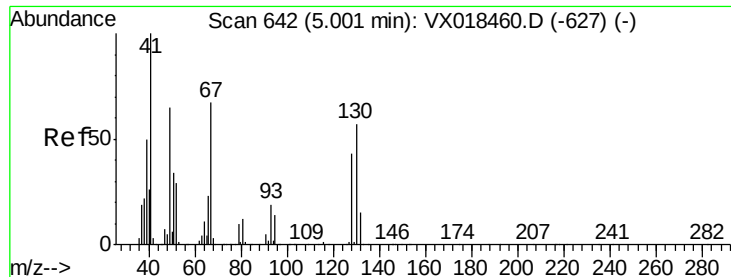
MMDadoda
9/21/2020 11:50:50 AM



#40
Benzene
Concen: 18.602 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	330383		
77	22.3		19.0	28.4





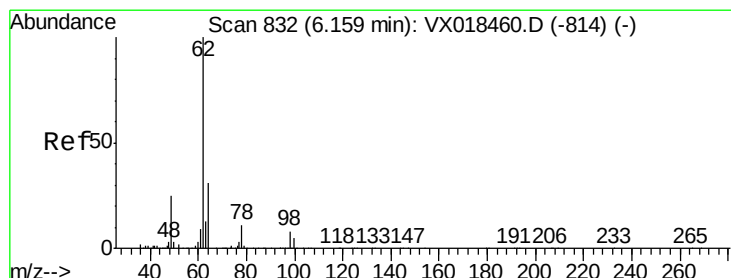
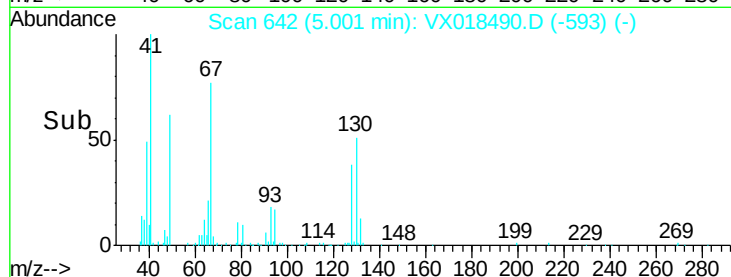
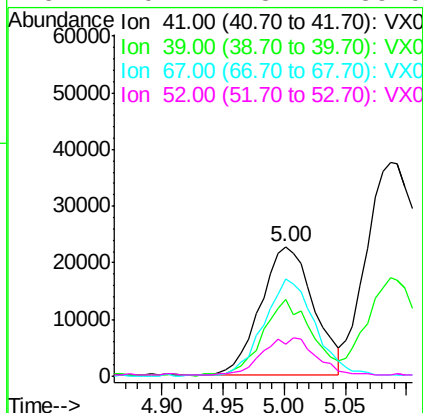
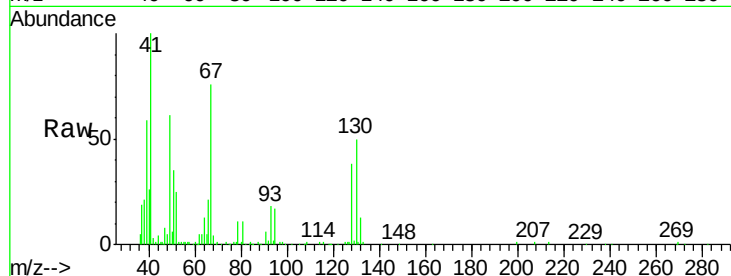
#41
Methacrylonitrile
Concen: 18.768 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.3	67.9
67	72.1	56.7	85.1
52	29.4	23.4	35.0

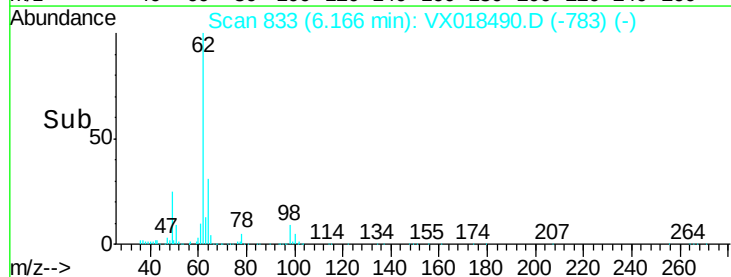
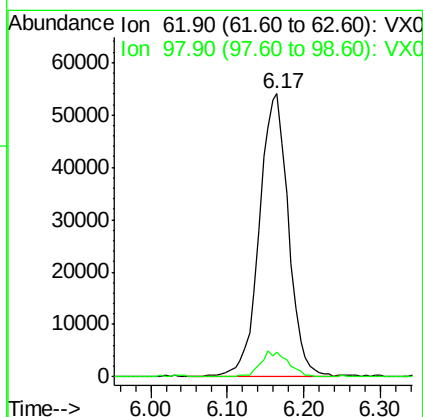
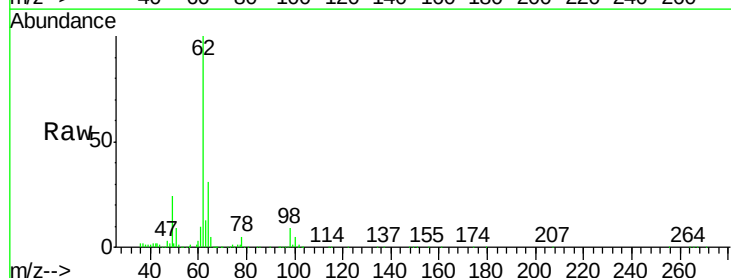
Manual Integrations
APPROVED

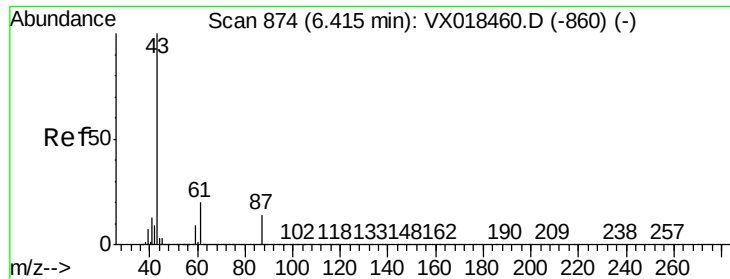
MMDadoda
9/21/2020 11:50:50 AM



#42
1,2-Dichloroethane
Concen: 20.839 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

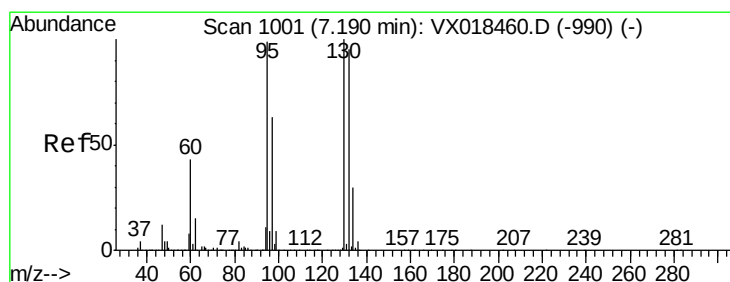
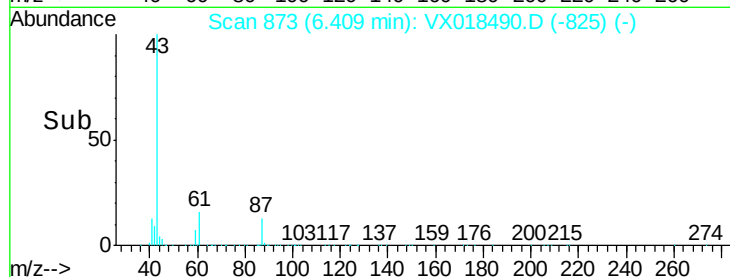
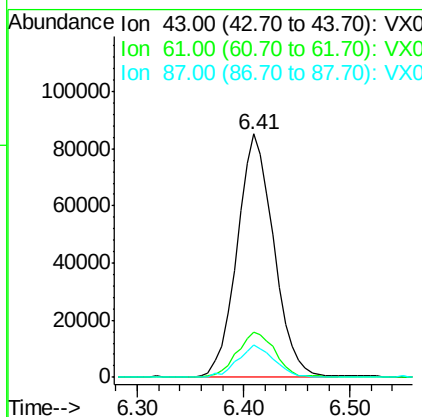
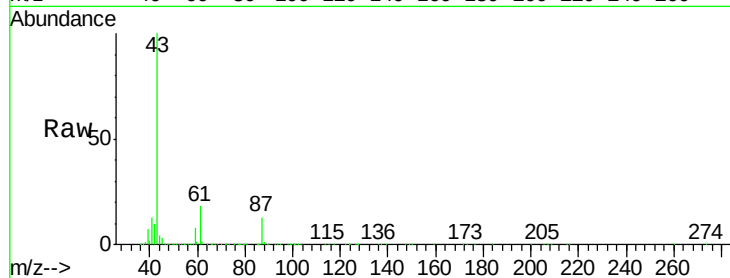
Isopropyl Acetate
 Concen: 18.640 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.4	10.4	15.6

Manual Integrations
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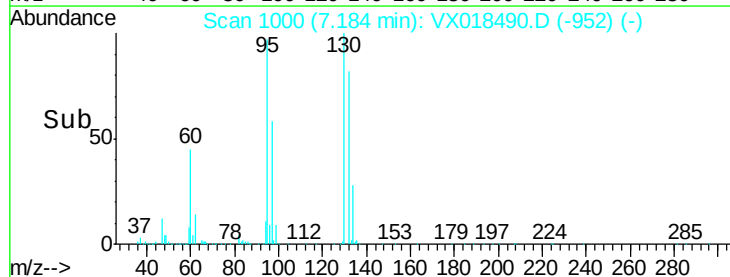
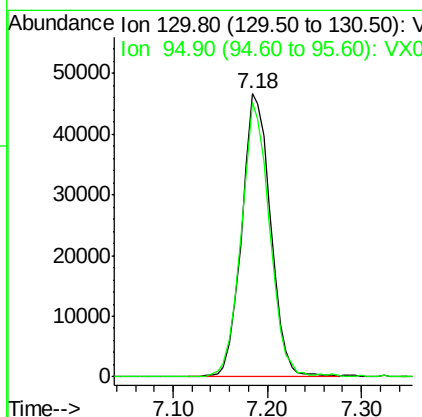
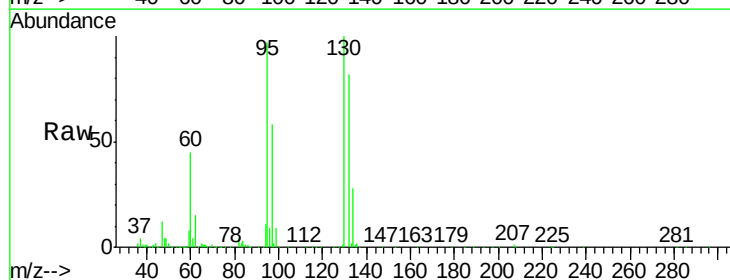
MMDadoda
 9/21/2020 11:50:50 AM

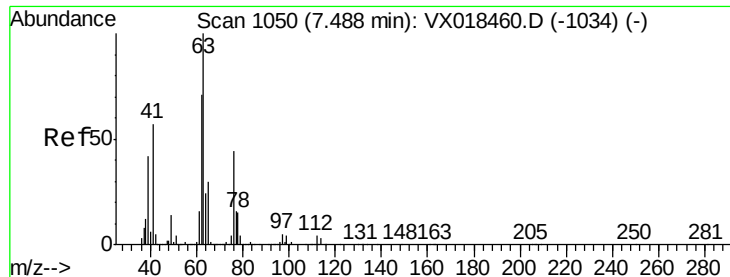


#44

Trichloroethene
 Concen: 19.292 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	197.4





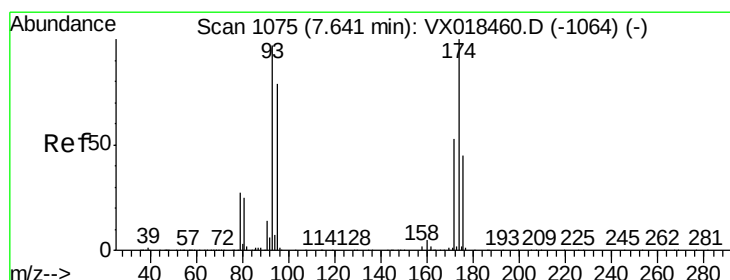
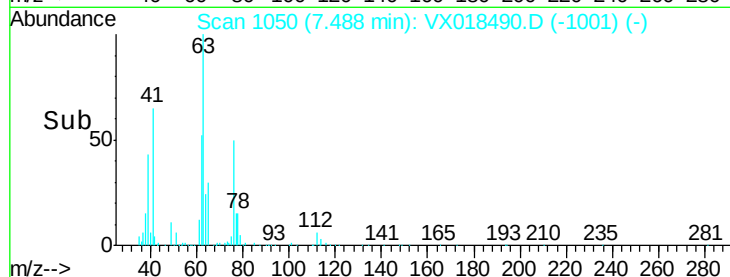
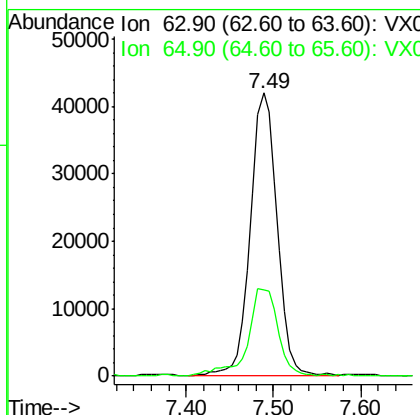
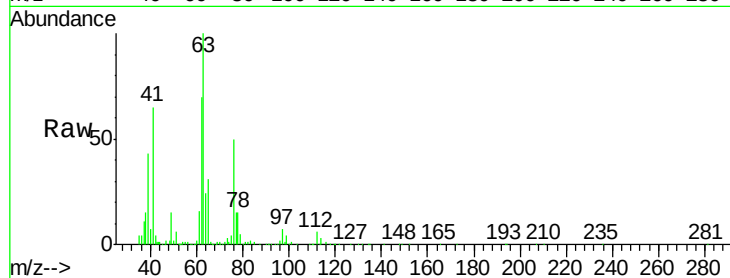
#45
 1,2-Dichloropropane
 Concen: 18.349 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
63	100	89450		
65	30.4		24.1	36.1

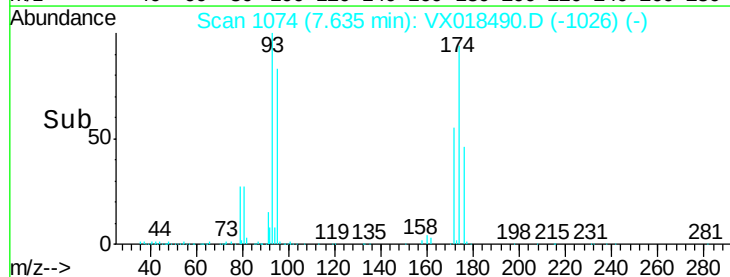
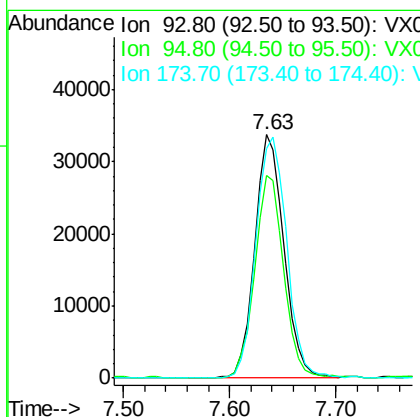
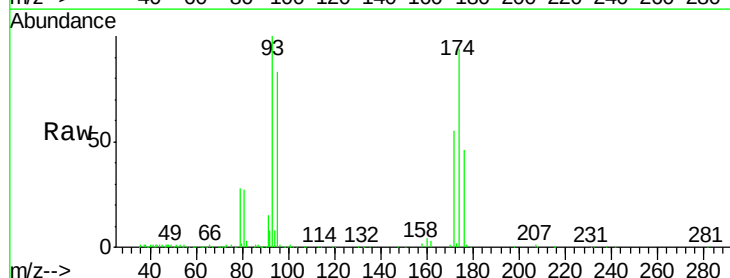
Manual Integrations
 APPROVED

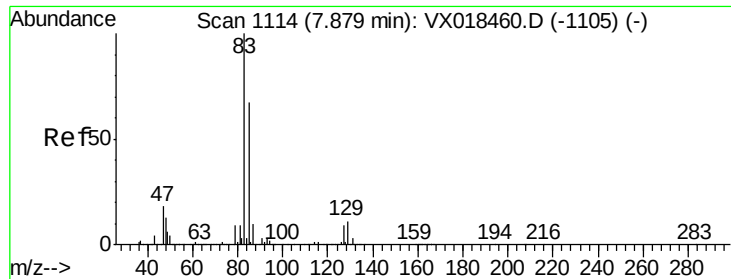
MMDadoda
 9/21/2020 11:50:50 AM



#46
 Dibromomethane
 Concen: 19.466 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	65196		
95	83.1		65.0	97.4
174	104.5		82.0	123.0





#47

Bromodichloromethane

Concen: 19.874 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

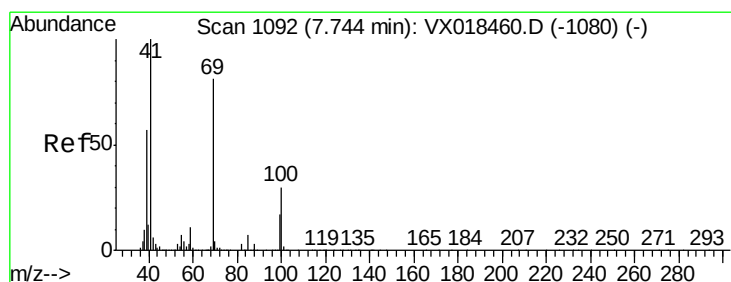
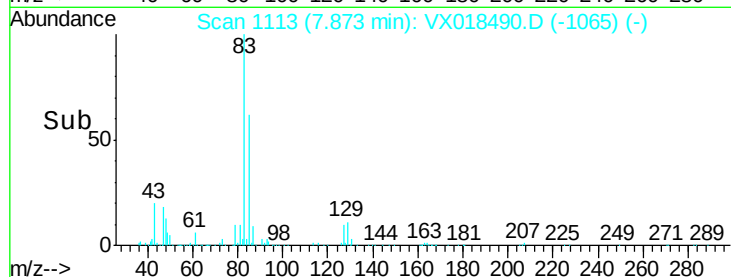
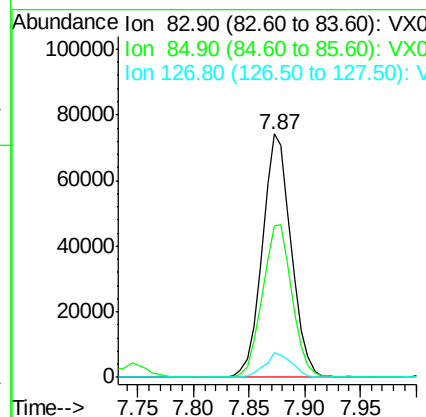
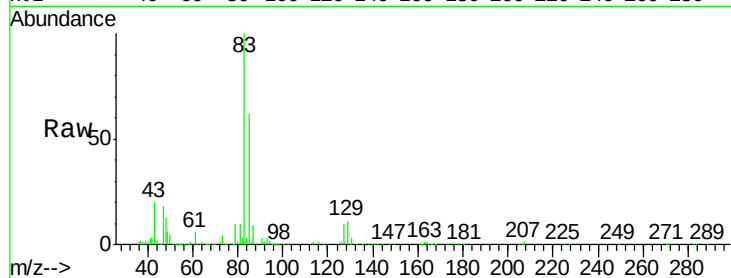
ClientSampleId :

VX0918WBSD02

Tot Ion:	83	Resp:	134148
Ion Ratio	Lower	Upper	
83	100		
85	62.3	53.3	79.9
127	10.3	7.4	11.2

Manual Integrations
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MMDadoda
9/21/2020 11:50:50 AM



#48

Methyl methacrylate

Concen: 19.036 ug/l

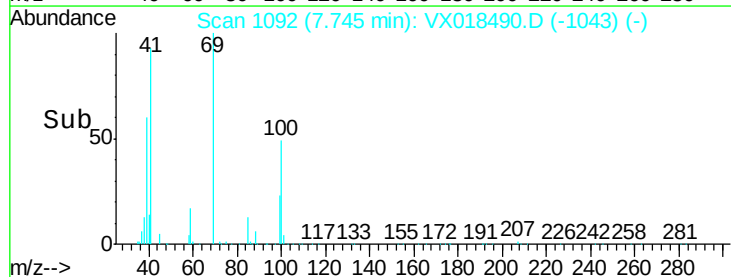
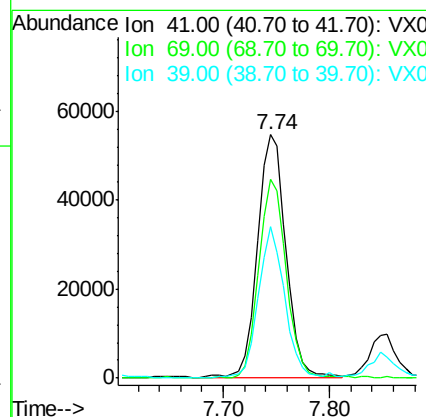
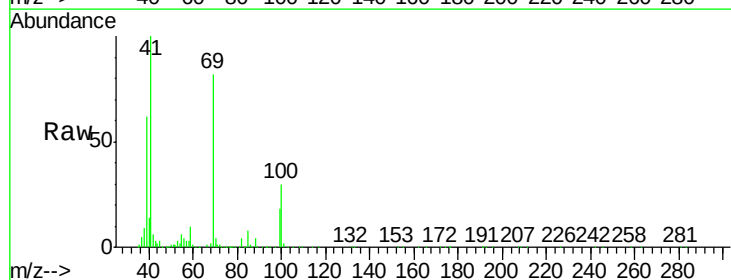
RT: 7.74 min Scan# 1092

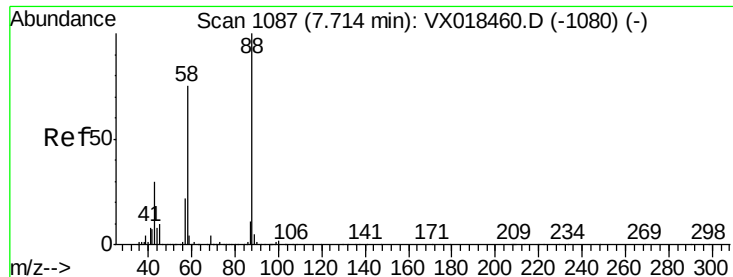
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion:	41	Resp:	101755
Ion Ratio	Lower	Upper	
41	100		
69	79.6	63.7	95.5
39	58.0	45.0	67.4





#49

1,4-Dioxane

Concen: 356.664 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

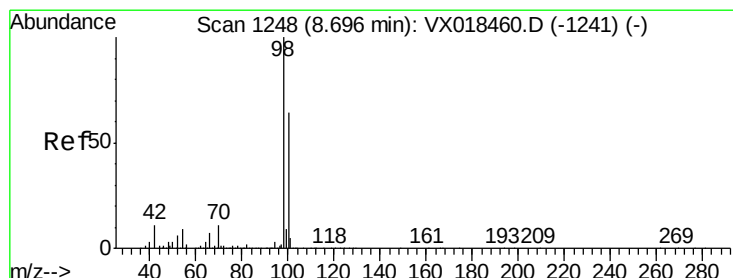
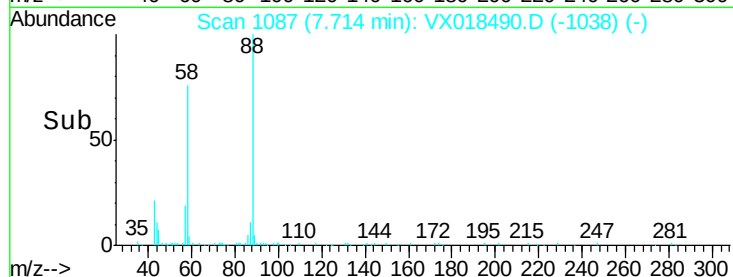
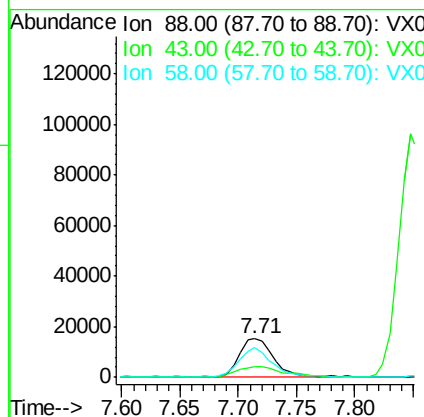
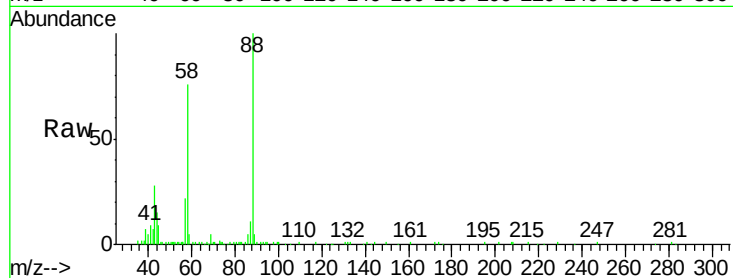
ClientSampleId :

VX0918WBSD02

Tot Ion:	88	Resp:	31502
Ion	Ratio	Lower	Upper
88	100		
43	35.9	29.9	44.9
58	78.2	59.0	88.6

Manual Integrations
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#50

Toluene-d8

Concen: 47.612 ug/l

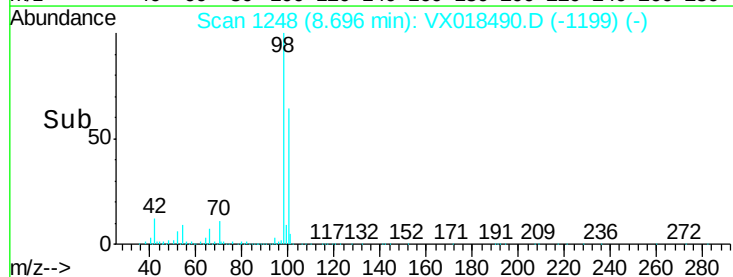
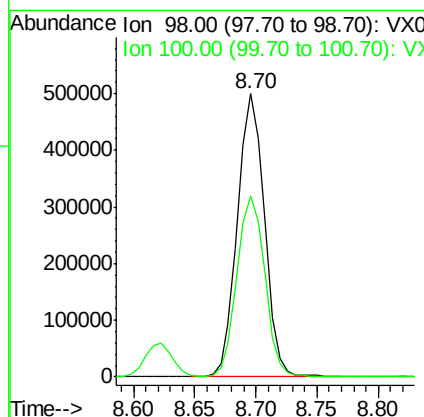
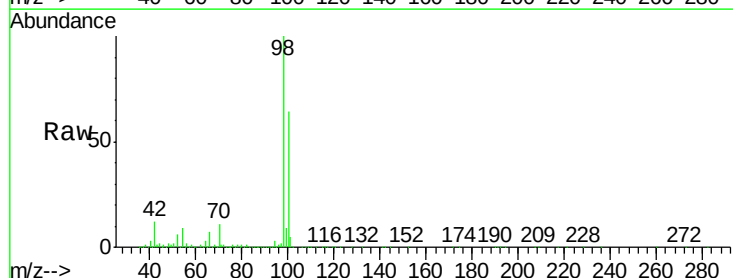
RT: 8.70 min Scan# 1248

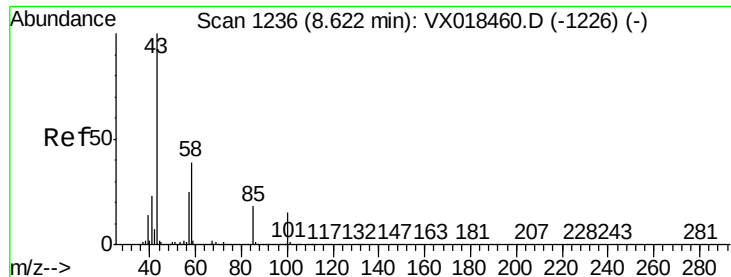
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion:	98	Resp:	763612
Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.7	77.5





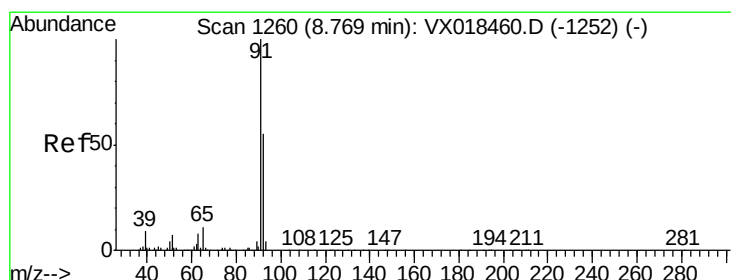
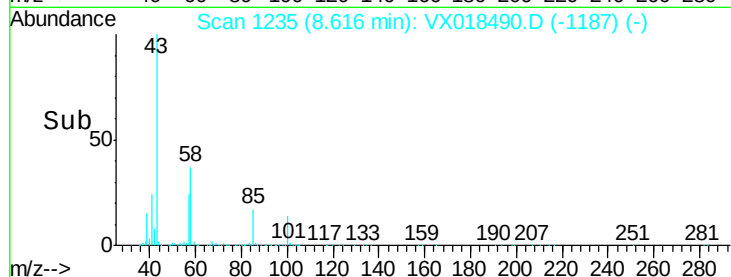
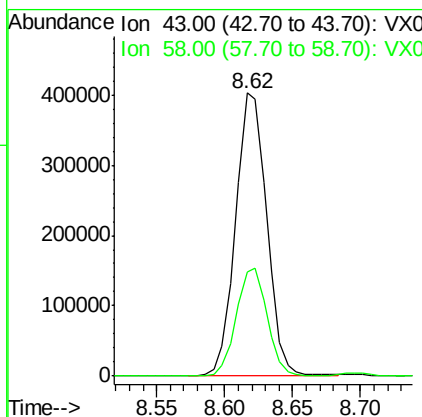
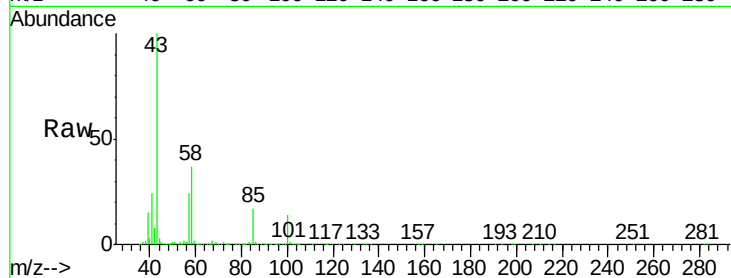
#51
4-Methyl-2-Pentanone
Concen: 98.512 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.9	46.3

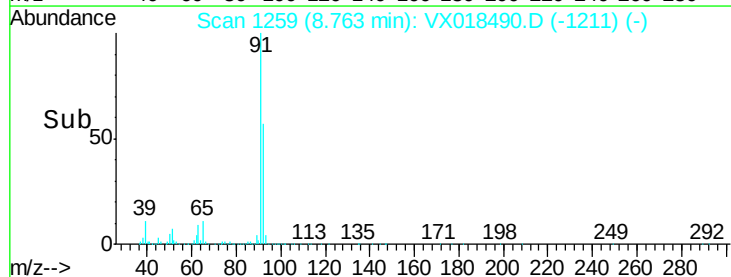
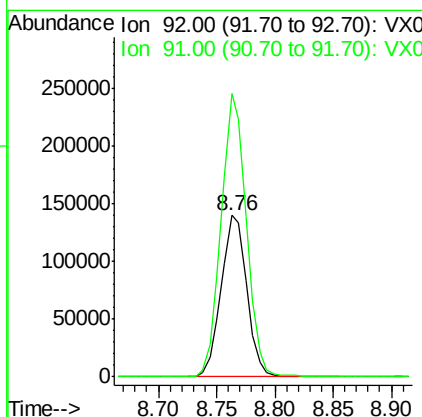
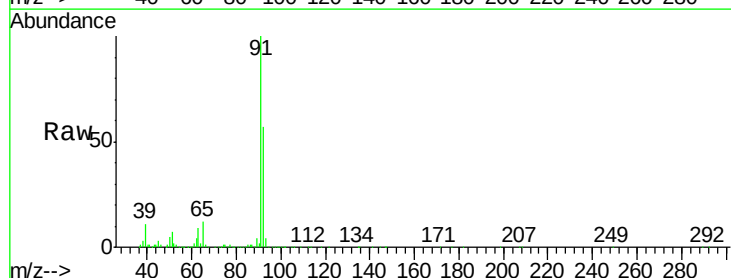
Manual Integrations
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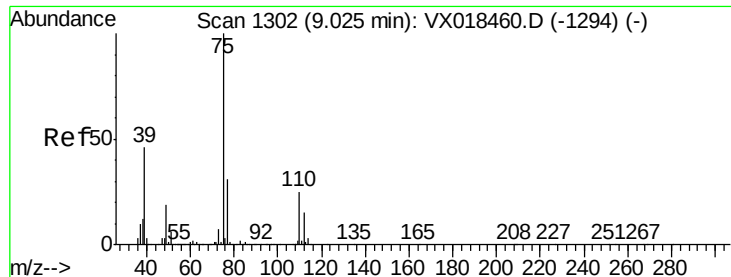
MMDadoda
9/21/2020 11:50:50 AM



#52
Toluene
Concen: 18.990 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.1	140.6	210.8





#53

t-1,3-Dichloropropene

Concen: 18.749 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tot Ion: 75 Resp: 143801

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

Instrument :

MSVOA_X

ClientSampleId :

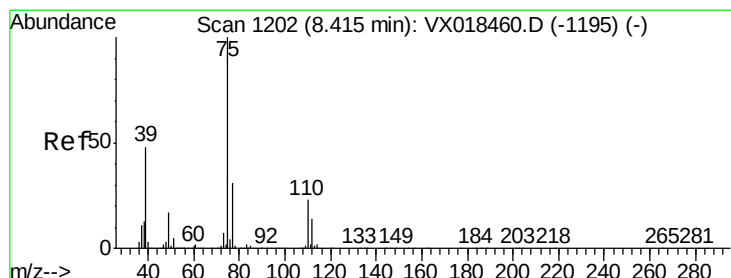
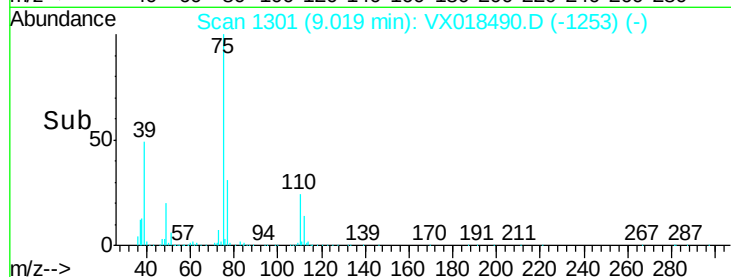
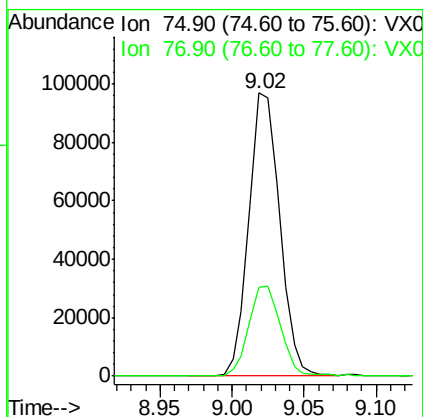
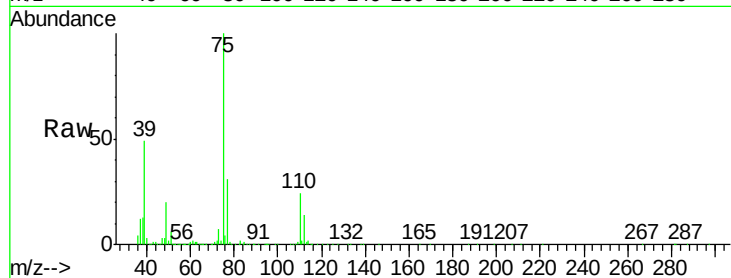
VX0918WBSD02

Manual Integrations

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9/21/2020 11:50:50 AM



#54

cis-1,3-Dichloropropene

Concen: 19.172 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

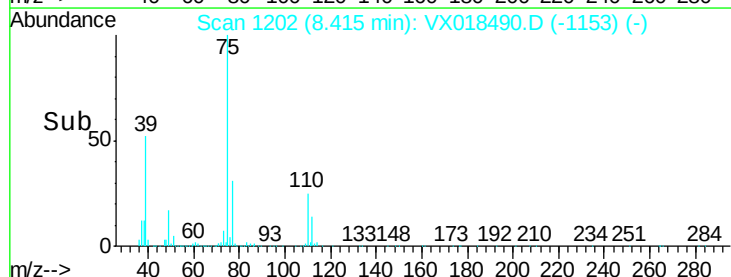
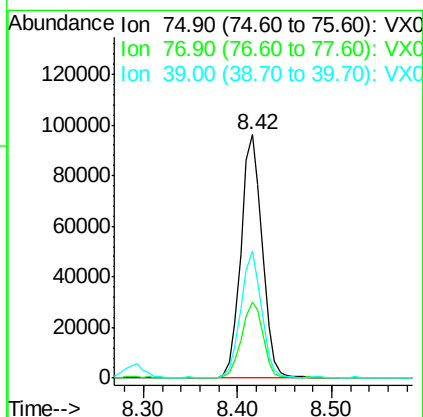
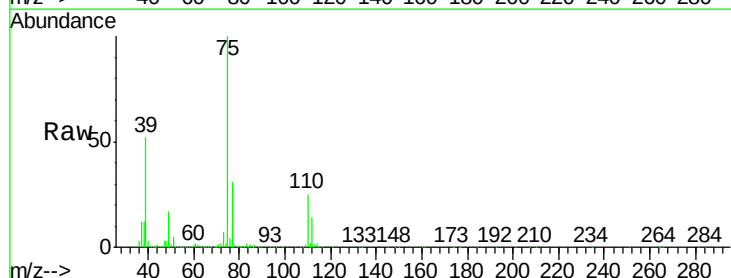
Tgt Ion: 75 Resp: 151483

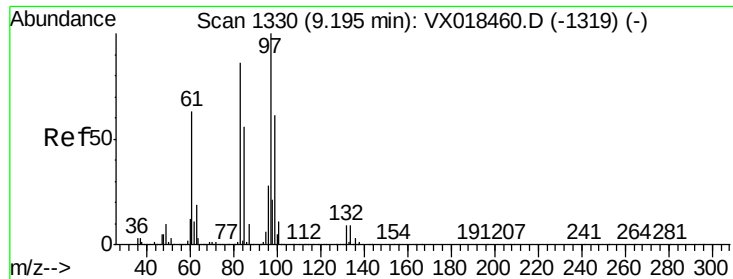
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 51.8 38.6 58.0





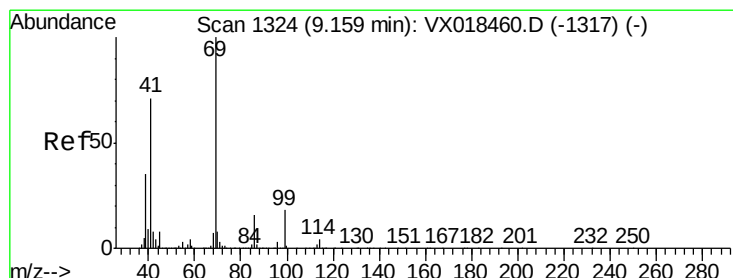
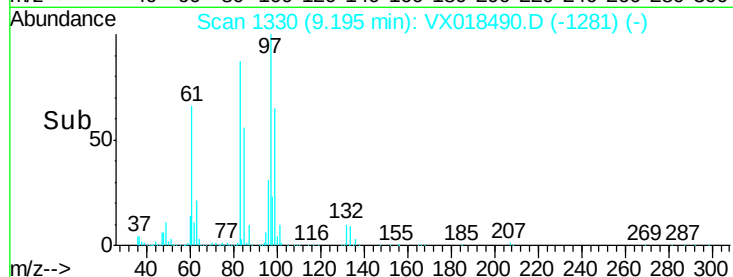
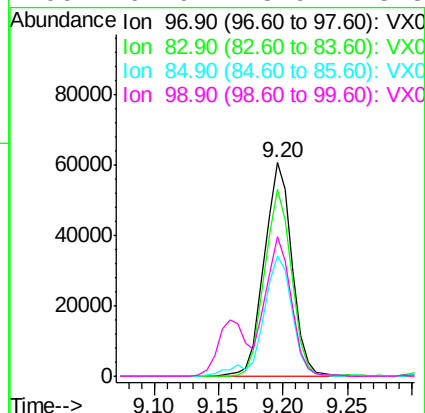
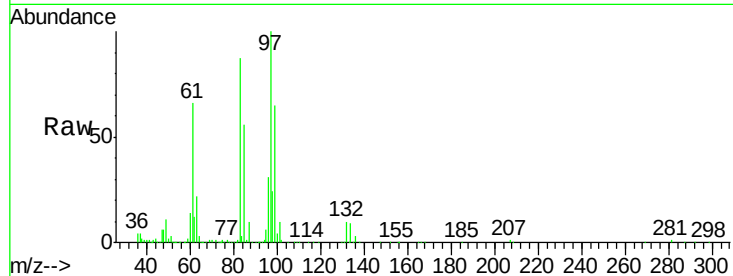
#55
 1,1,2-Trichloroethane
 Concen: 19.511 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.5	102.7
85	56.2	44.8	67.2
99	64.9	48.9	73.3

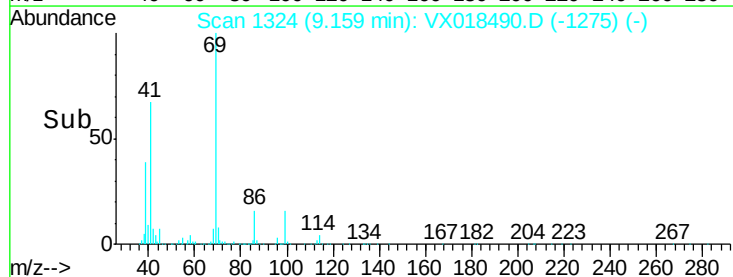
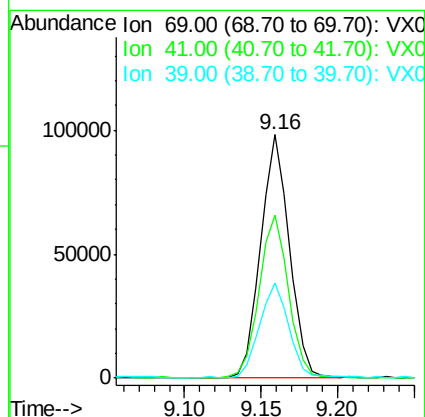
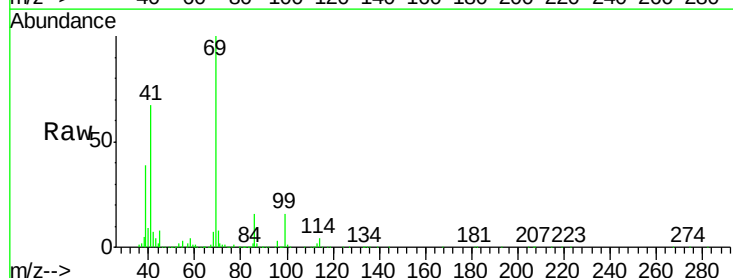
Manual Integrations
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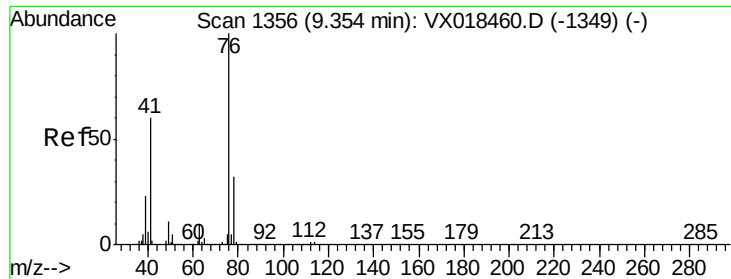
MMDadoda
 9/21/2020 11:50:50 AM



#56
 Ethyl methacrylate
 Concen: 18.818 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.6	81.8
39	40.3	29.3	43.9





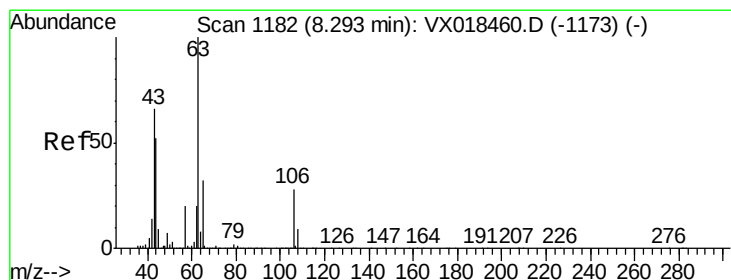
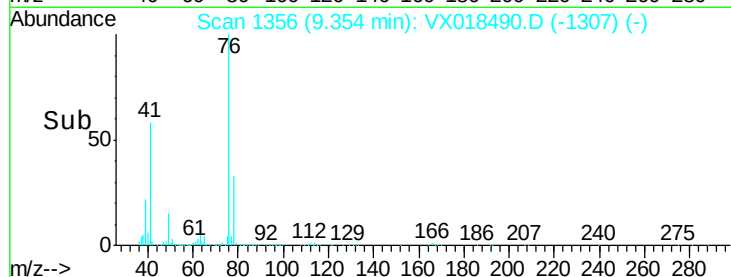
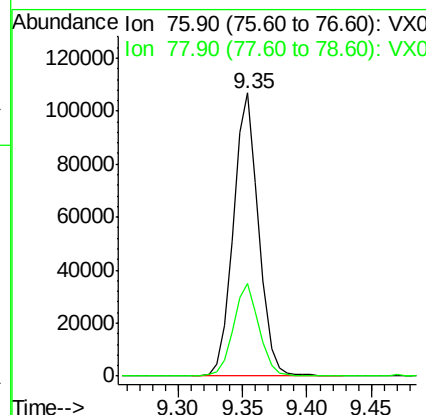
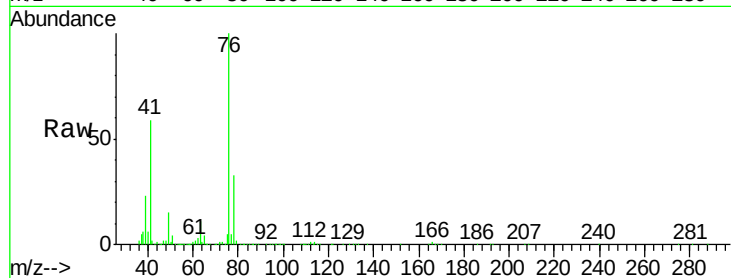
#57
 1,3-Dichloropropane
 Concen: 18.784 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.6	38.4

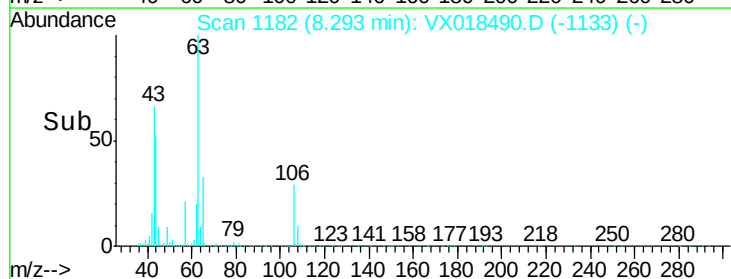
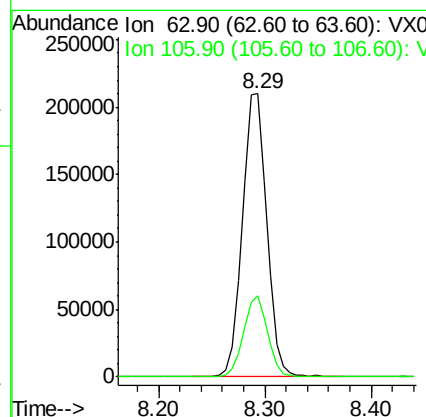
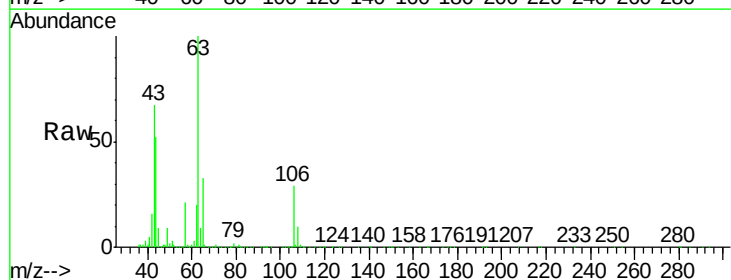
Manual Integrations
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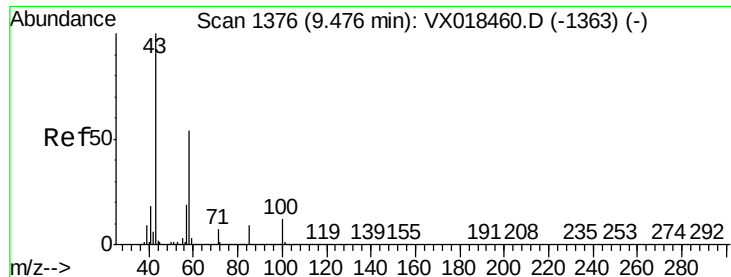
MMDadoda
 9/21/2020 11:50:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.876 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.2	33.2





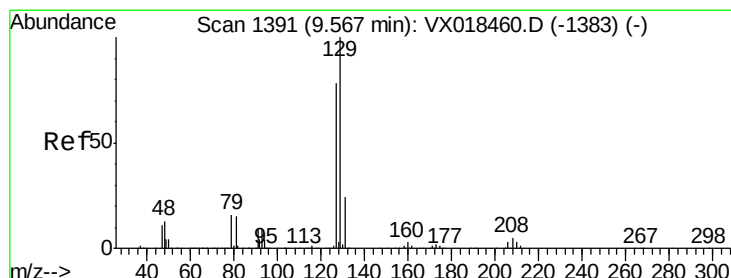
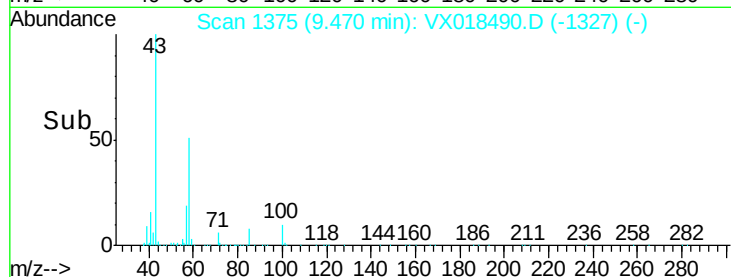
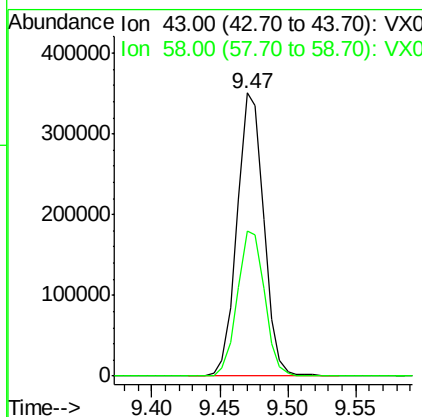
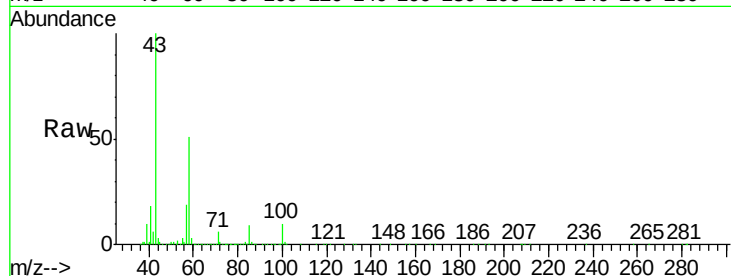
#59
2-Hexanone
Concen: 96.177 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.5	79.4

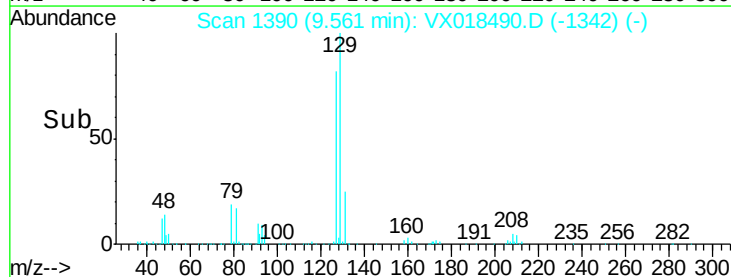
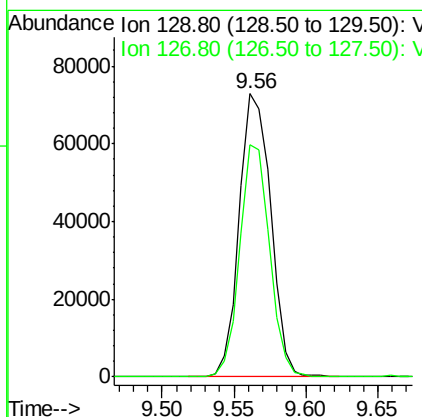
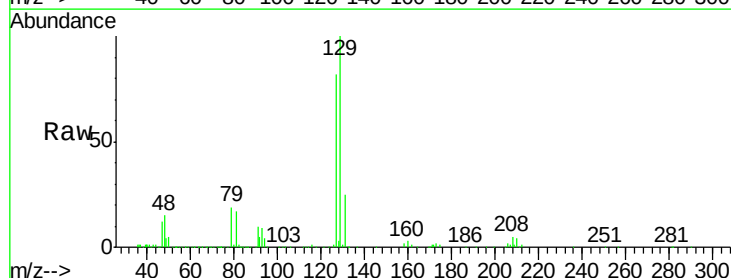
Manual Integrations
APPROVED

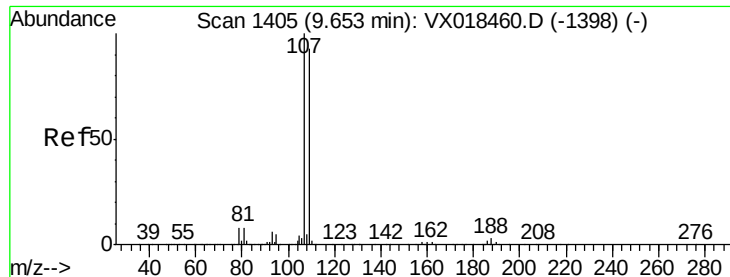
MMDadoda
9/21/2020 11:50:50 AM



#60
Dibromochloromethane
Concen: 20.066 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.0	117.0





#61

1,2-Dibromoethane

Concen: 20.327 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tot Ion:107 Resp: 100304

Ion Ratio Lower Upper

107 100

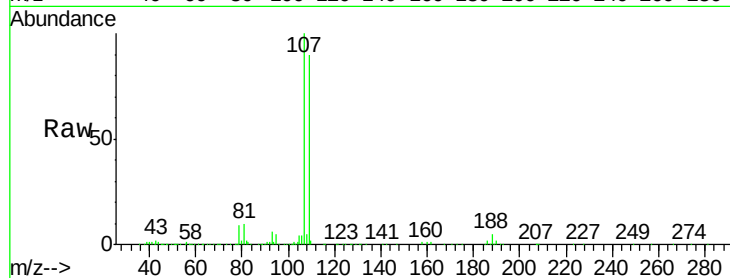
109 91.5 75.9 113.9

Manual Integrations

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9/21/2020 11:50:50 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

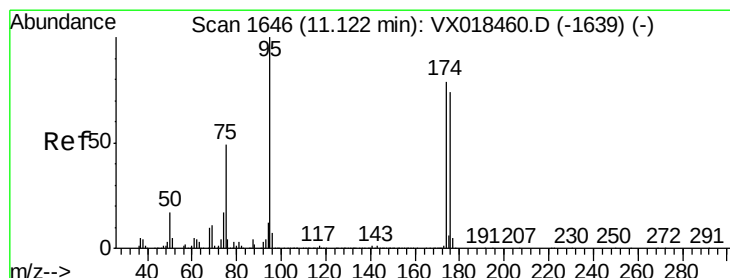
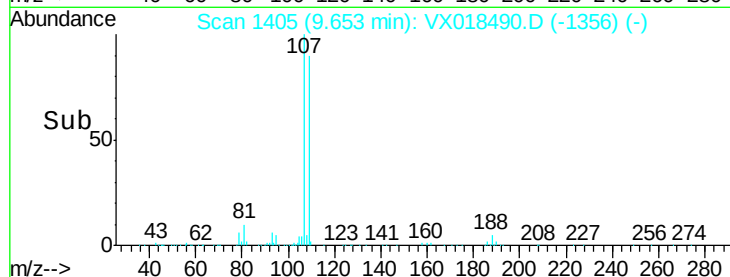
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.707 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

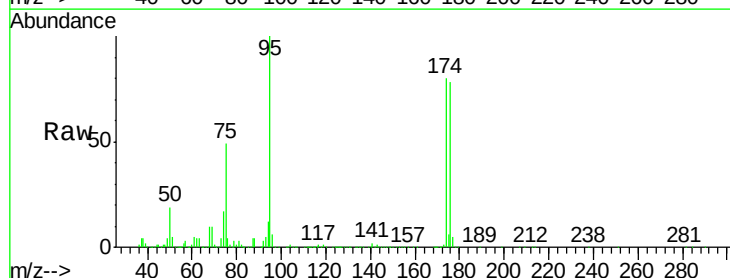
Tgt Ion: 95 Resp: 304353

Ion Ratio Lower Upper

95 100

174 79.3 0.0 161.4

176 76.0 0.0 151.4



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

11.12

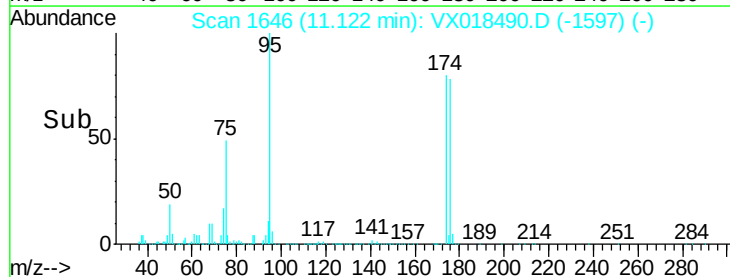
300000

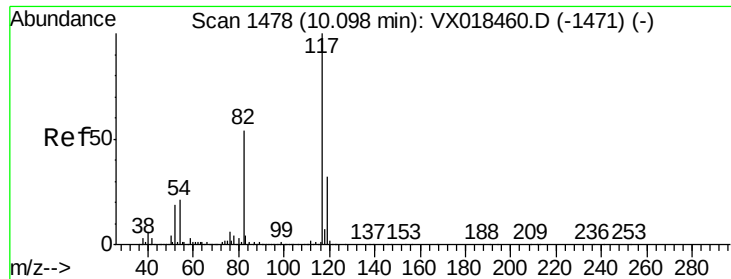
200000

100000

0

Time-->





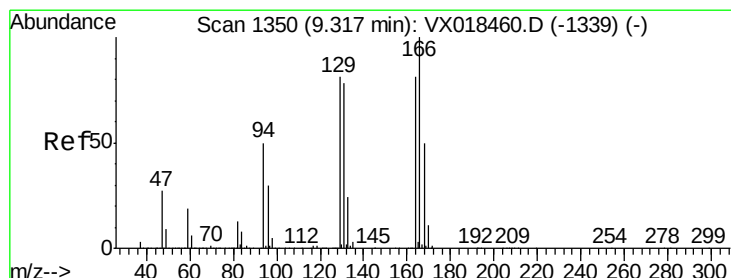
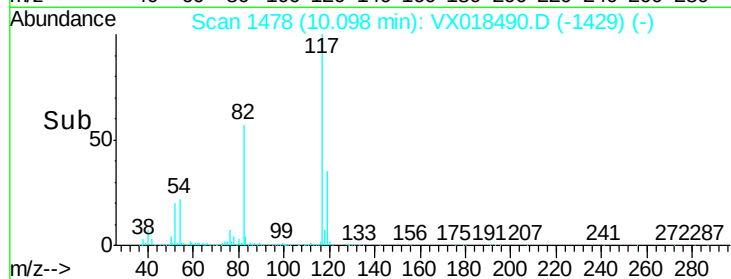
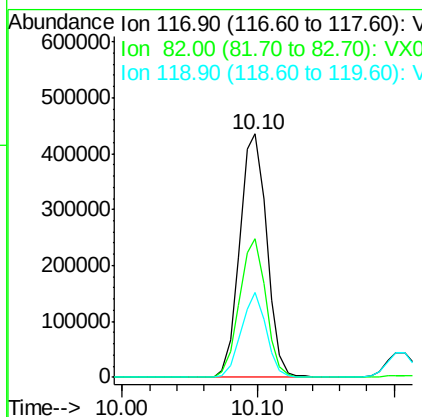
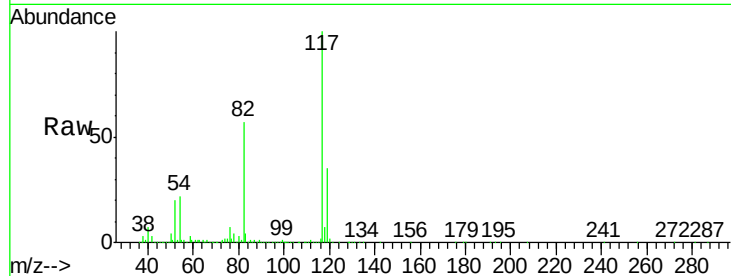
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	56.9	43.3	64.9
119	35.1	25.9	38.9

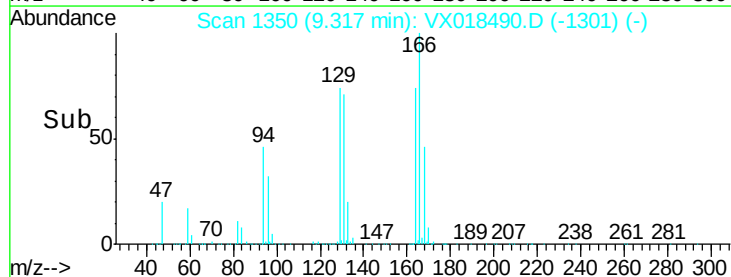
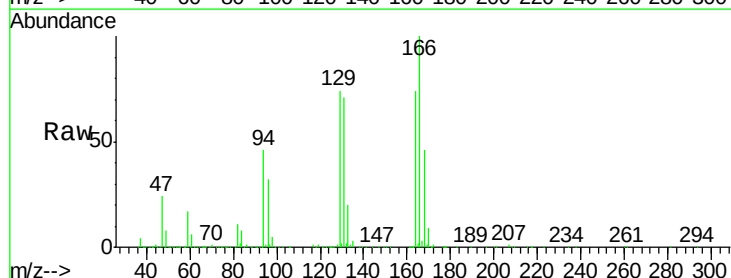
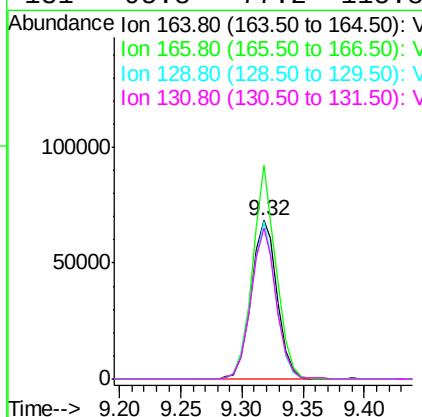
Manual Integrations
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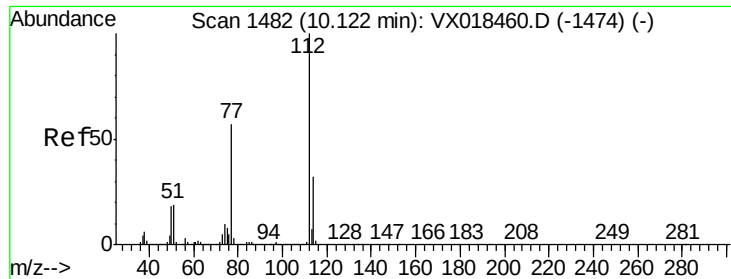
MMDadoda
9/21/2020 11:50:50 AM



#64
Tetrachloroethene
Concen: 21.214 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	134.8	99.3	148.9
129	99.2	80.7	121.1
131	95.8	77.2	115.8





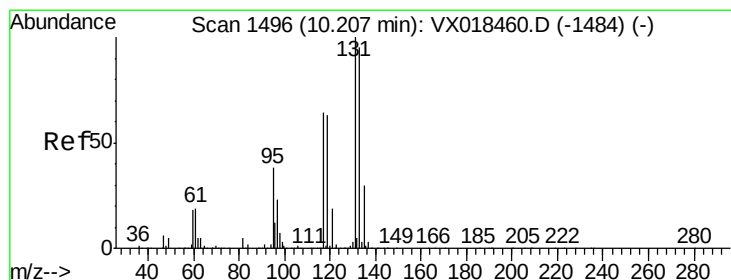
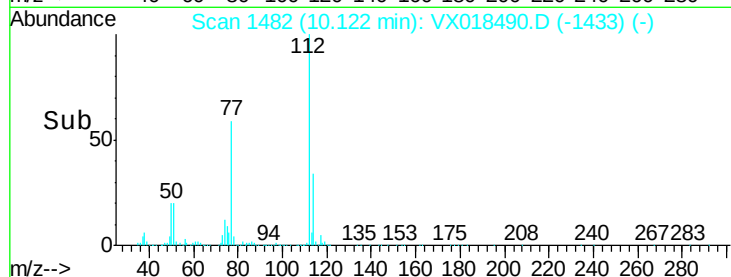
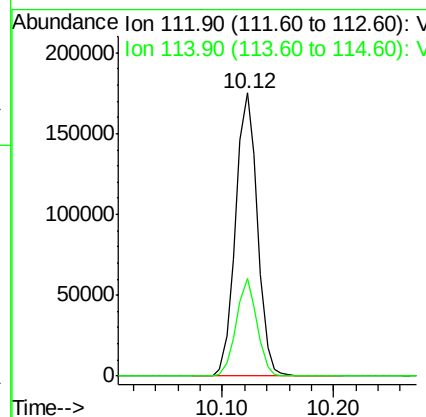
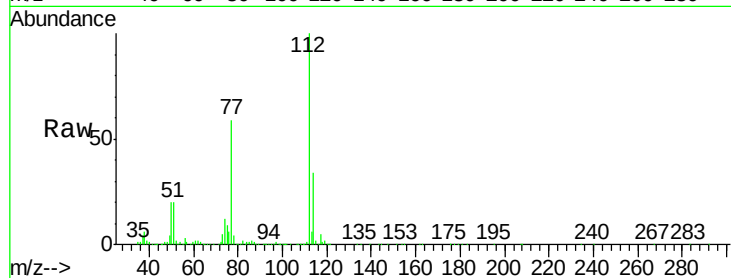
#65
Chlorobenzene
Concen: 19.102 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion:112 Resp: 237530
Ion Ratio Lower Upper
112 100
114 34.5 25.4 38.0

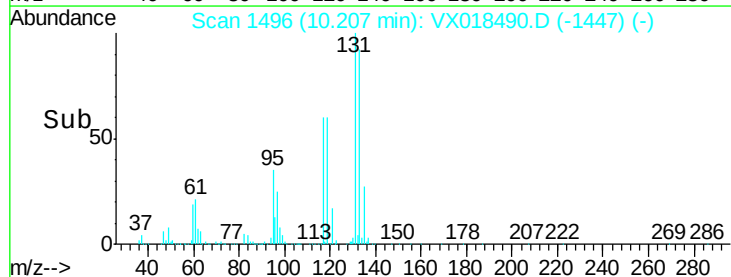
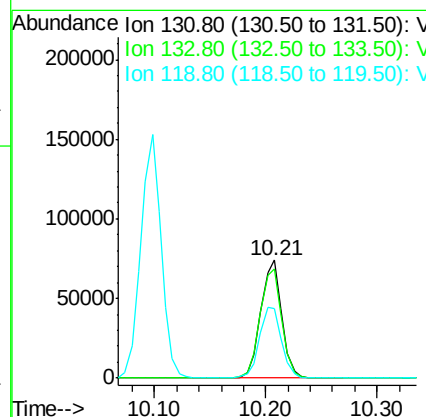
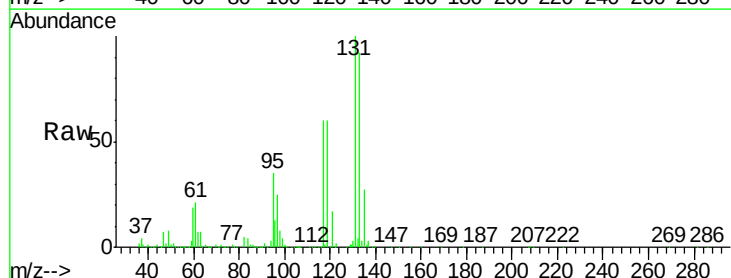
Manual Integrations
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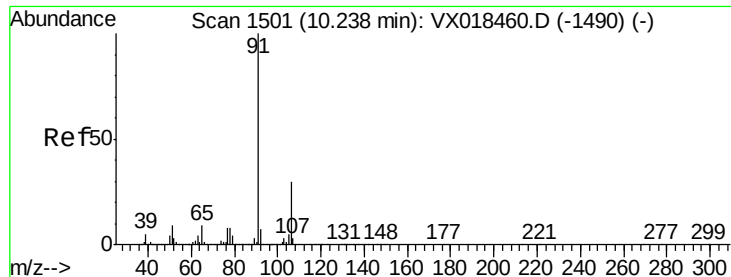
MMDadoda
9/21/2020 11:50:50 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.534 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion:131 Resp: 97443
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 63.6 31.9 95.7





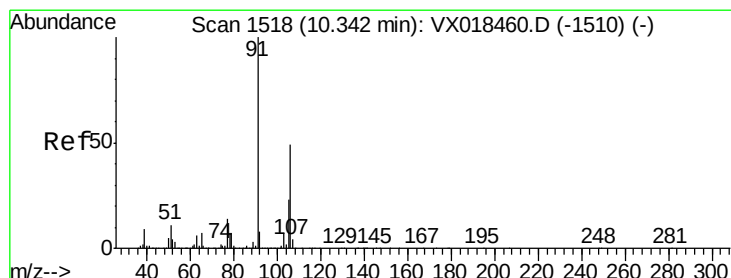
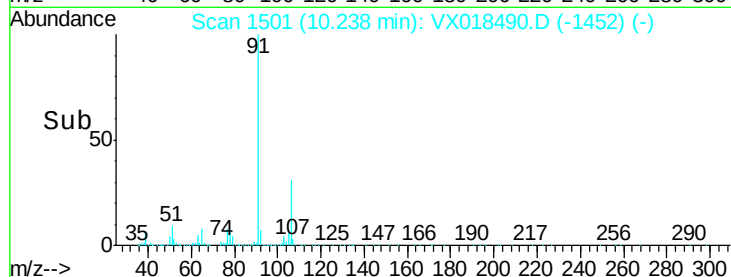
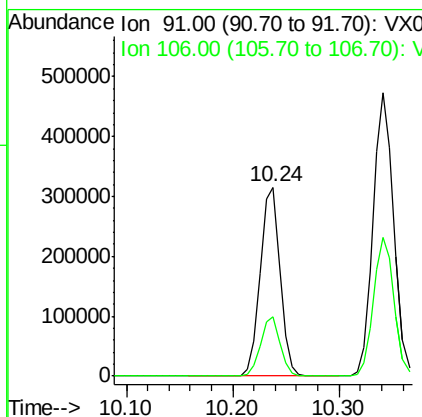
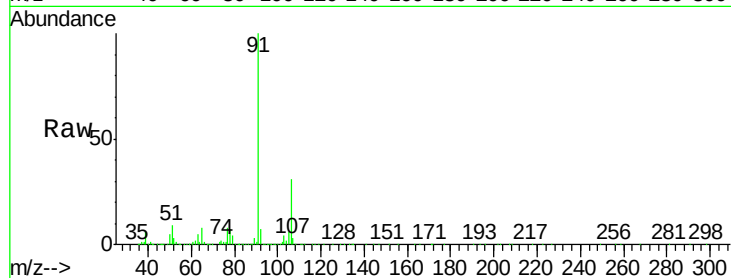
#67
Ethyl Benzene
Concen: 19.294 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD02

Tot Ion: 91 Resp: 415267
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1

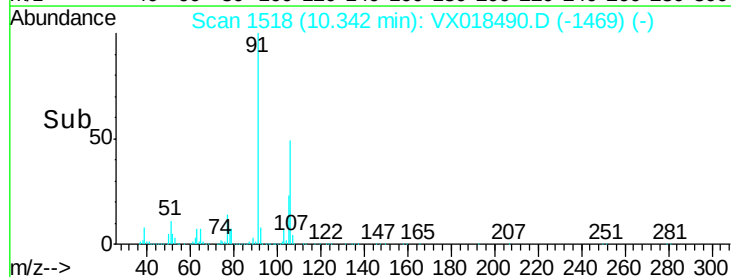
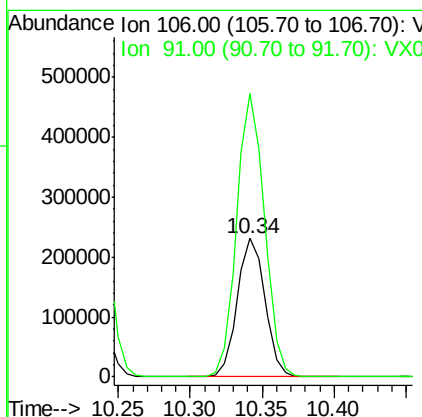
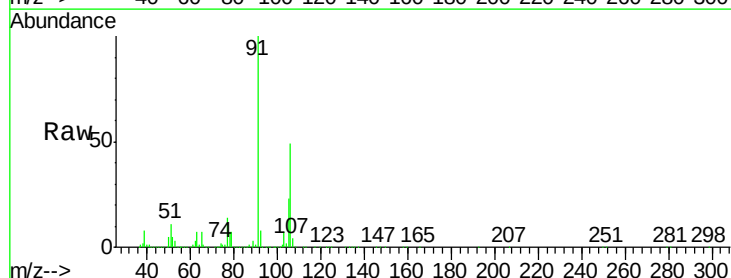
Manual Integrations
APPROVED

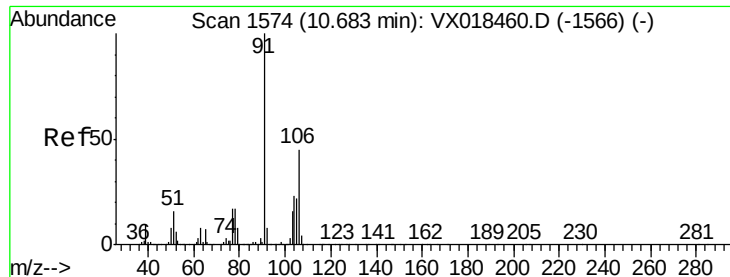
MMDadoda
9/21/2020 11:50:50 AM



#68
m/p-Xylenes
Concen: 38.218 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion: 106 Resp: 311172
Ion Ratio Lower Upper
106 100
91 204.4 163.8 245.6





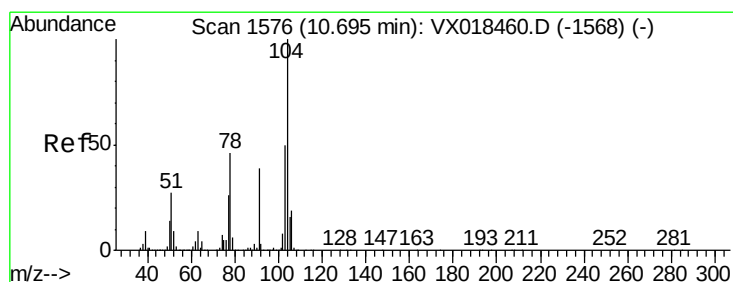
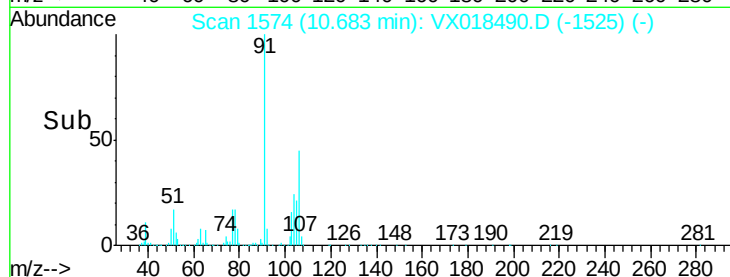
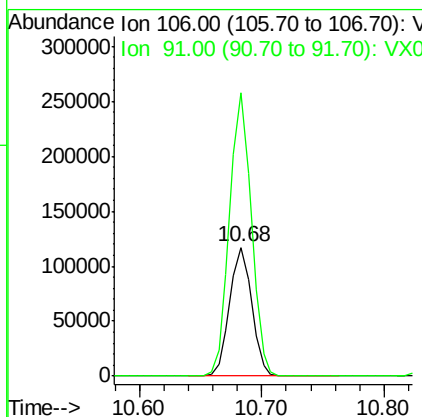
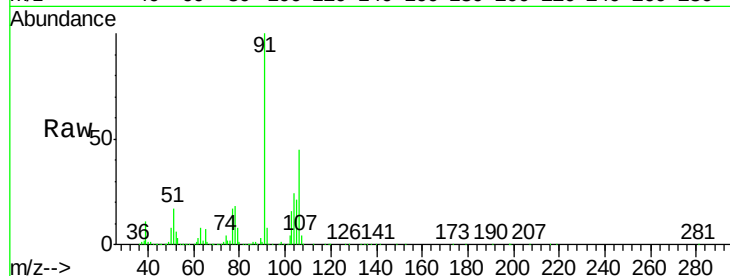
#69
o-Xylene
Concen: 19.004 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		146523		
91	217.1	109.7	329.0		

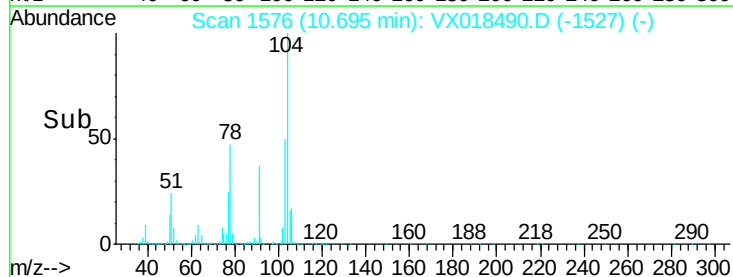
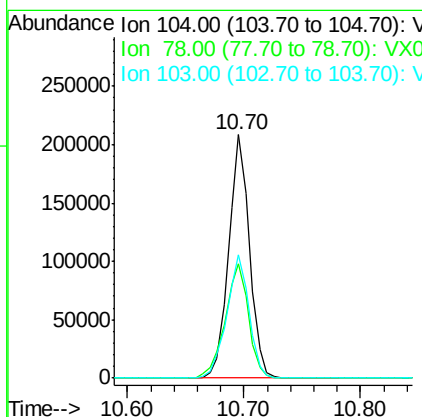
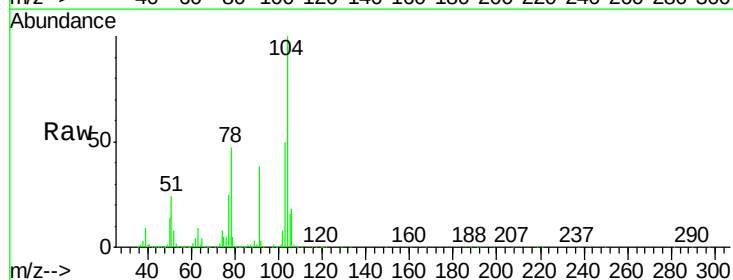
Manual Integrations
APPROVED

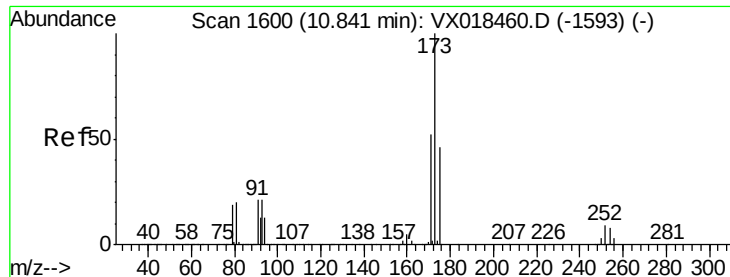
MMDadoda
9/21/2020 11:50:50 AM



#70
Styrene
Concen: 19.428 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		258637		
78	52.5	40.5	60.7		
103	54.3	43.2	64.8		





#71

Bromoform

Concen: 20.112 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

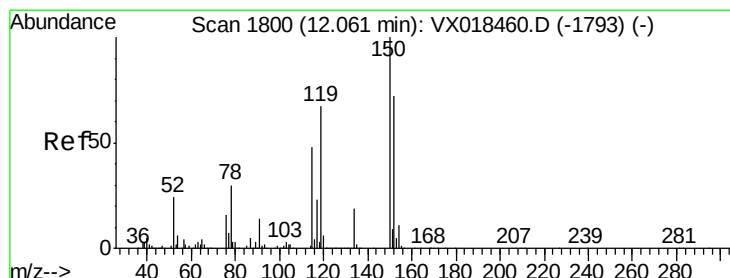
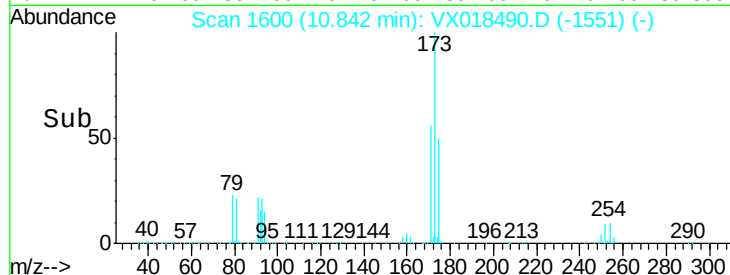
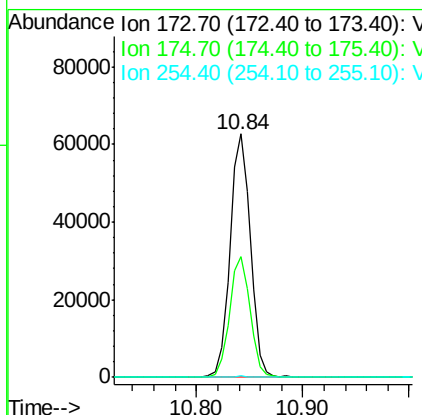
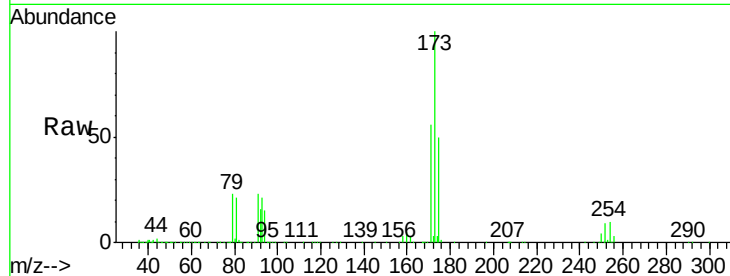
ClientSampleId :

VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	23.6	70.8
254	0.3	0.1	0.1#

Manual Integrations
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MMDadoda
9/21/2020 11:50:50 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

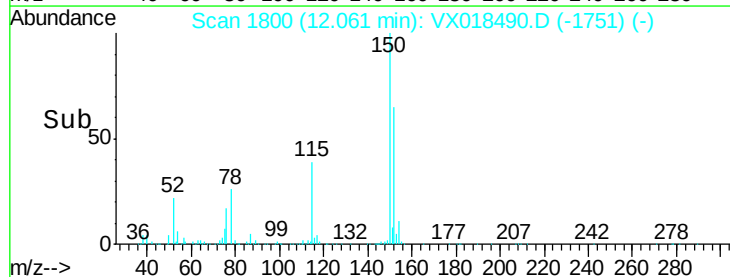
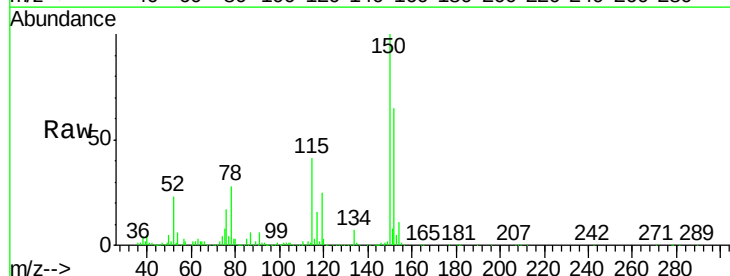
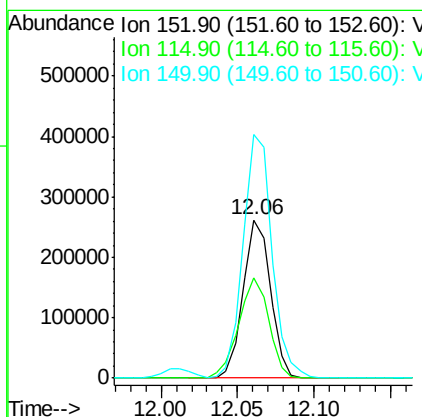
RT: 12.06 min Scan# 1800

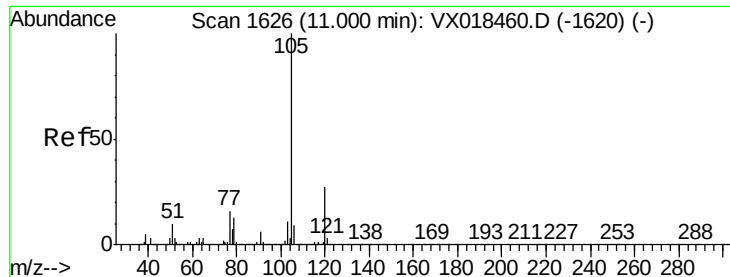
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.1	41.8	125.4
150	162.2	0.0	342.4





#73

Isopropylbenzene

Concen: 18.951 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tot Ion: 105 Resp: 412928

Ion Ratio Lower Upper

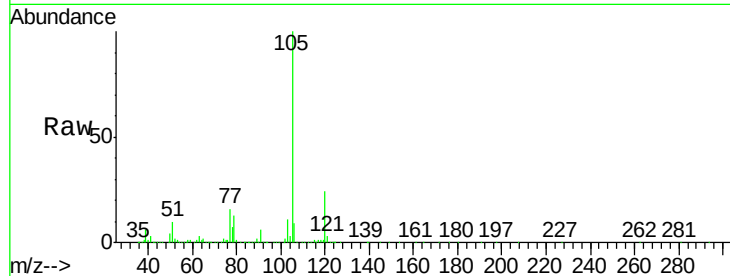
105 100

120 25.5 13.4 40.2

Manual Integrations
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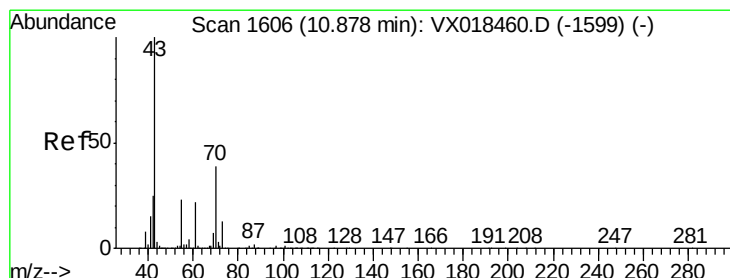
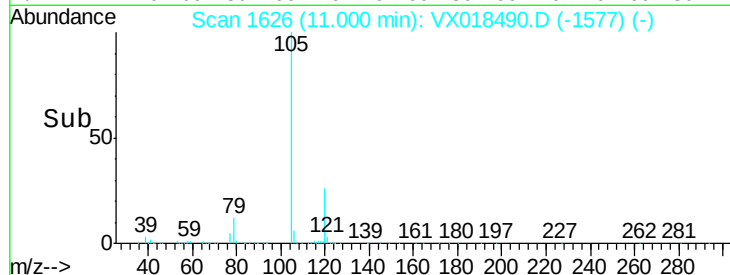
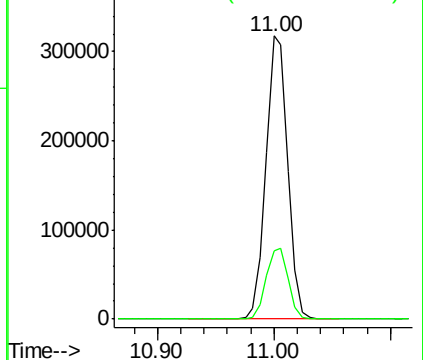
MMDadoda

9/21/2020 11:50:50 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.992 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion: 43 Resp: 176492

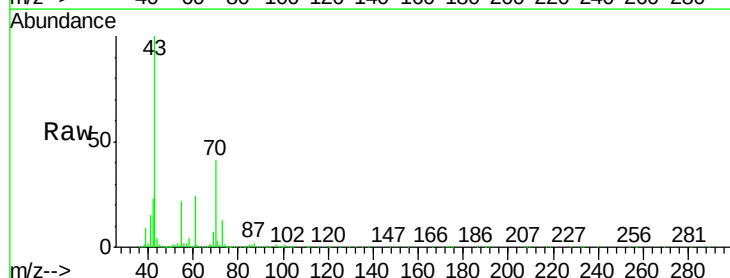
Ion Ratio Lower Upper

43 100

70 41.1 32.2 48.4

55 25.0 18.8 28.2

61 23.3 19.0 28.4

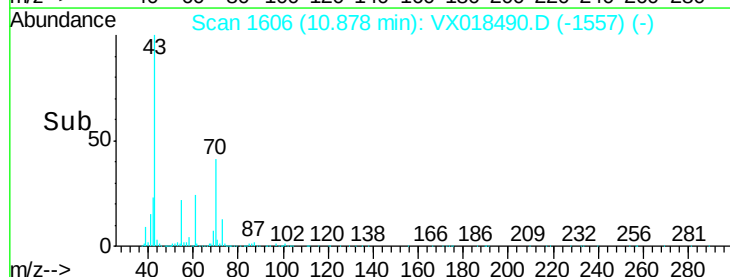
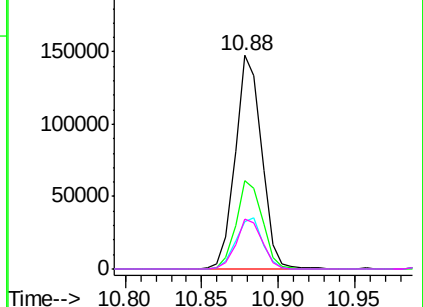


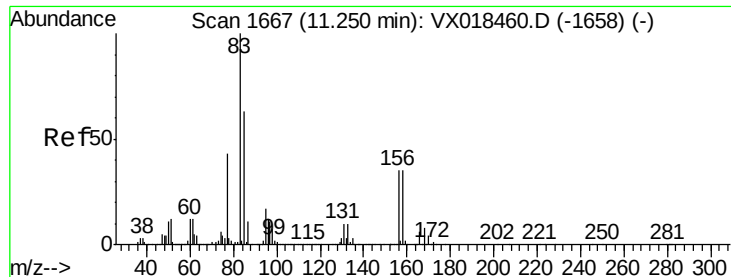
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.837 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

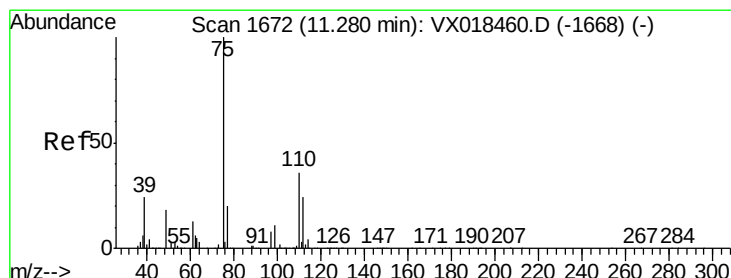
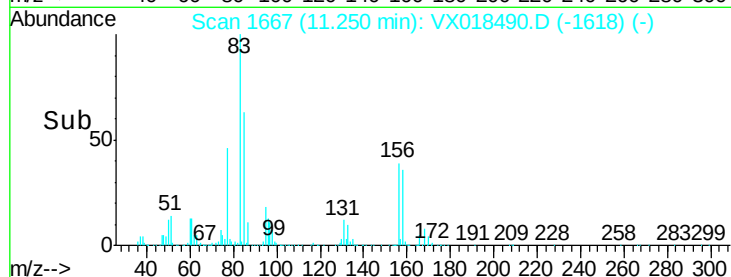
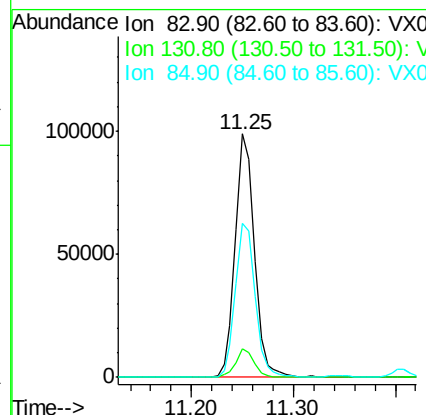
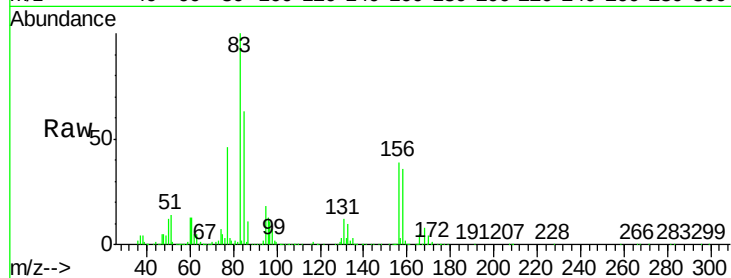
ClientSampled :

VX0918WBSD02

Tot Ion:	83	Resp:	128642
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	65.3	31.8	95.4

Manual Integrations
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9/21/2020 11:50:50 AM



#76

1,2,3-Trichloropropane

Concen: 19.026 ug/l m

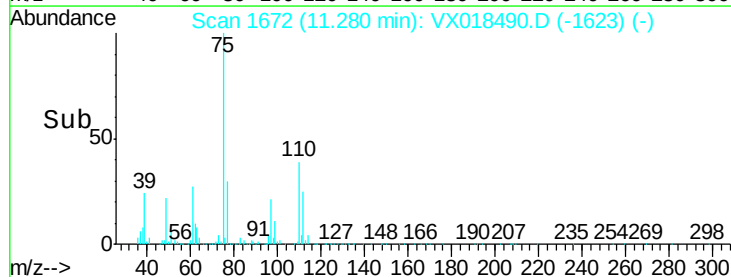
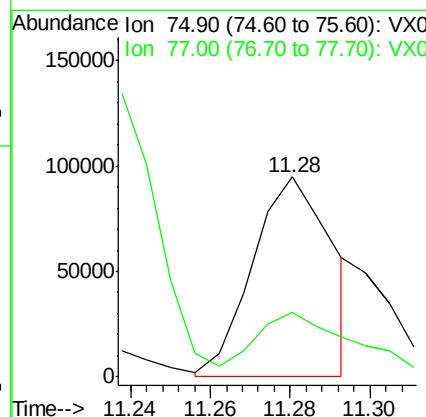
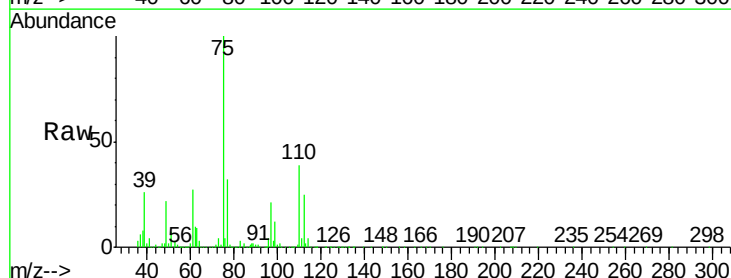
RT: 11.28 min Scan# 1672

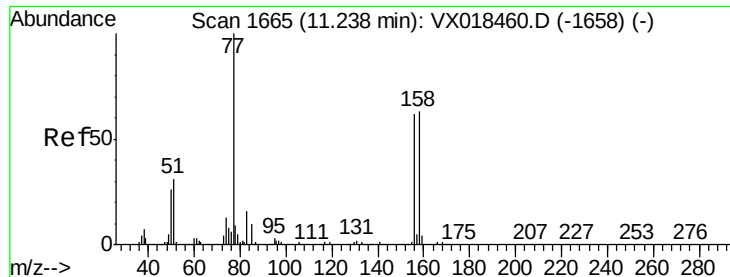
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion:	75	Resp:	130404
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.9	62.7





#77

Bromobenzene

Concen: 18.237 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

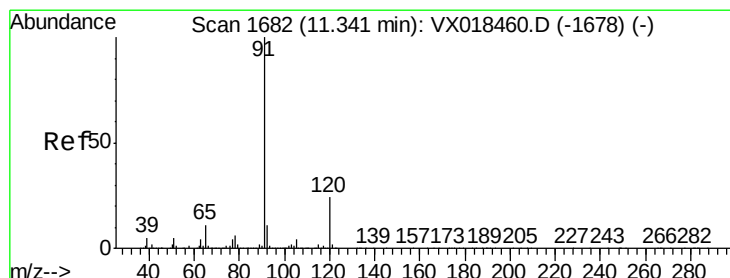
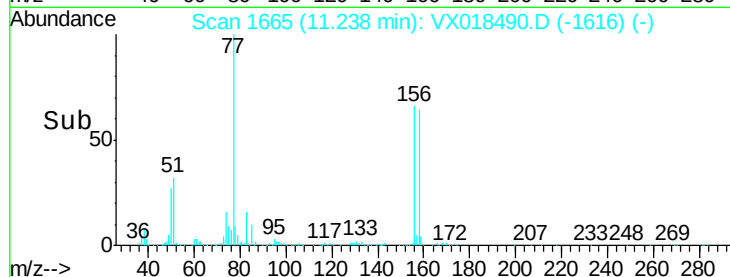
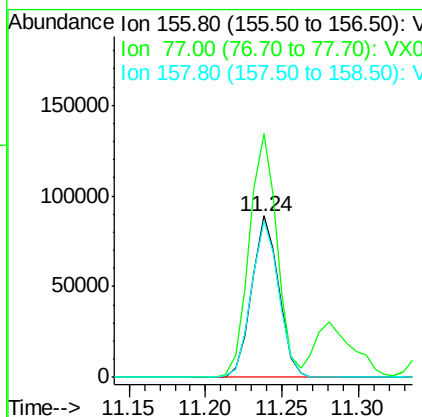
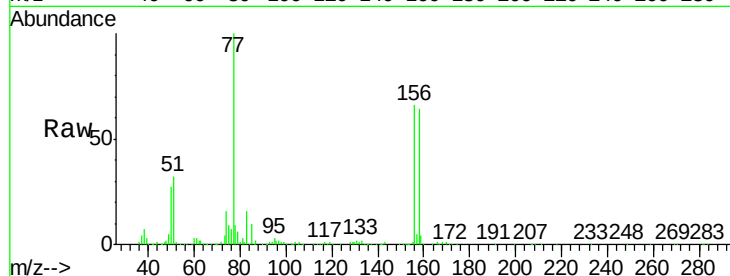
ClientSampleId :

VX0918WBSD02

Tot Ion:	156	Resp:	109643
Ion Ratio	Lower	Upper	
156	100		
77	154.9	78.8	236.5
158	98.0	48.4	145.3

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#78

n-propylbenzene

Concen: 18.540 ug/l

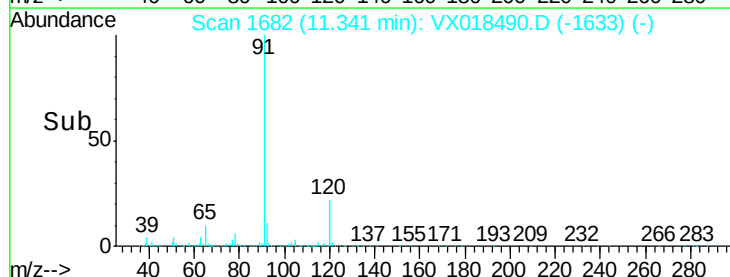
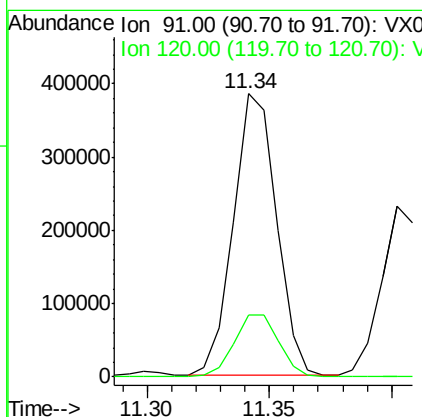
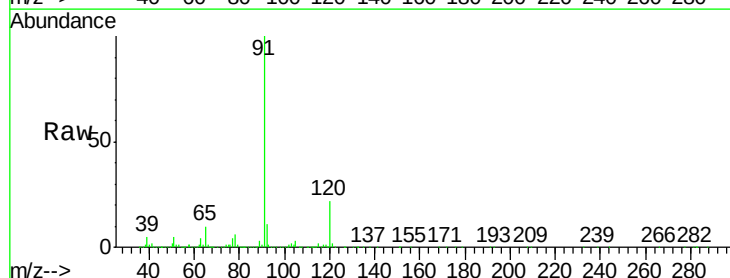
RT: 11.34 min Scan# 1682

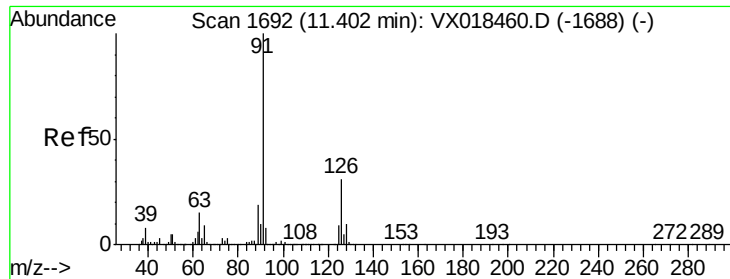
Delta R.T. 0.00 min

Lab File: VX018490.D

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Tgt Ion:	91	Resp:	472854
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.8	35.3





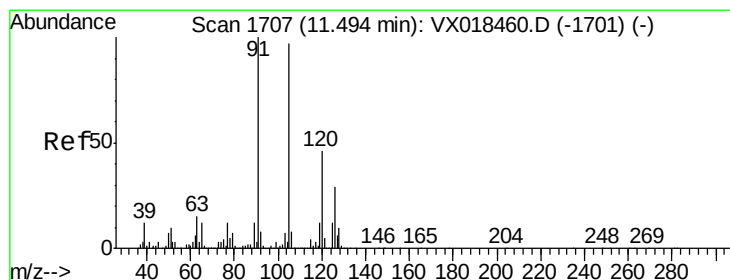
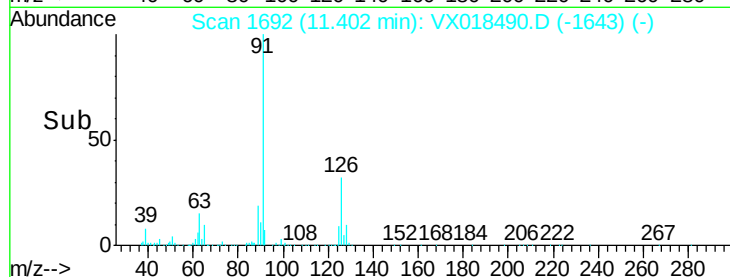
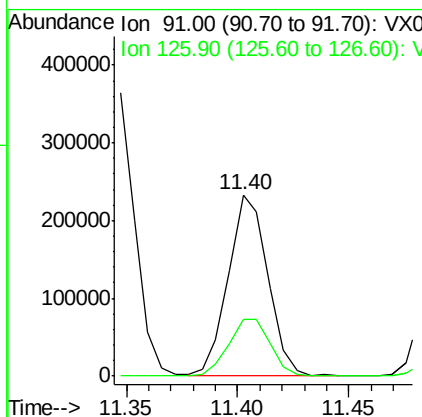
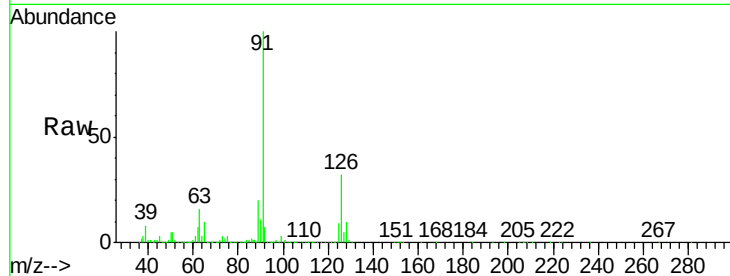
#79
 2-Chlorotoluene
 Concen: 18.624 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion: 91 Resp: 287520
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.7

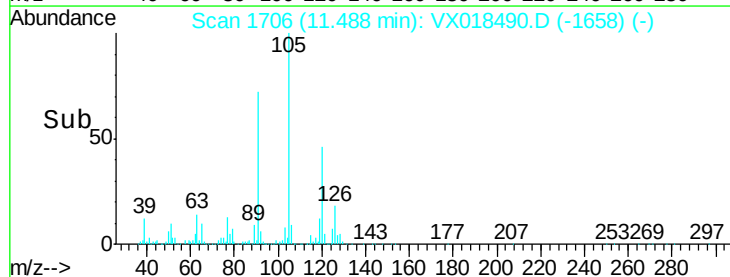
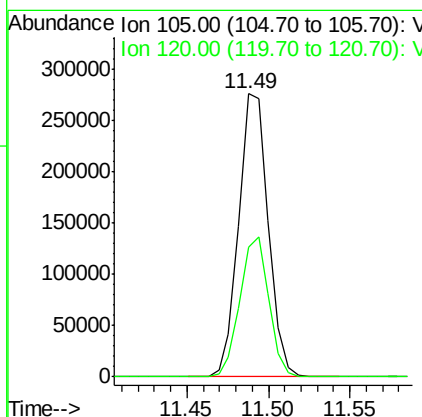
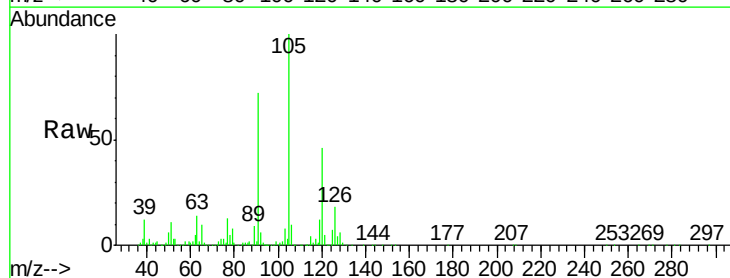
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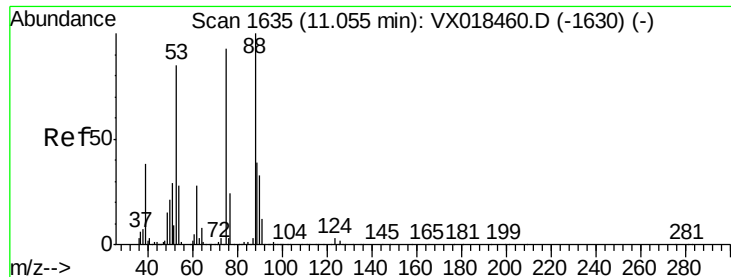
MMDadoda
 9/21/2020 11:50:50 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.718 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion: 105 Resp: 348791
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.6 71.0





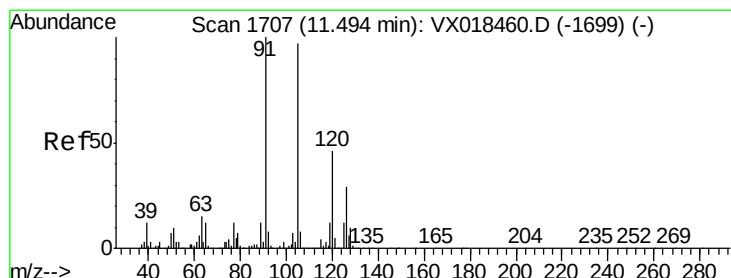
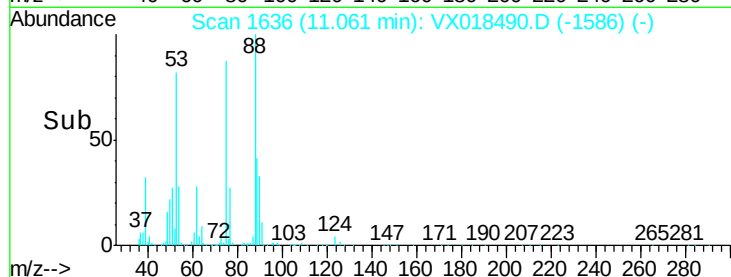
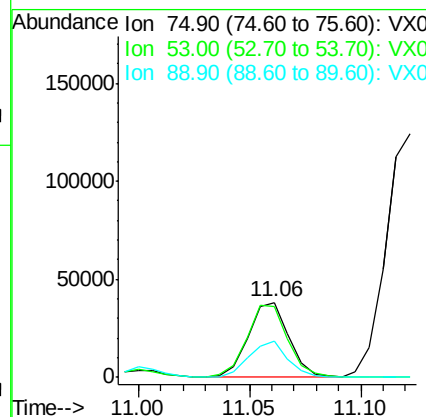
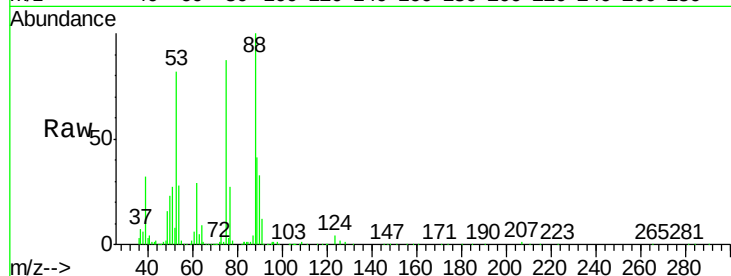
#81
trans-1,4-Dichloro-2-butene
Concen: 18.115 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.5	74.6	111.8
89	47.0	36.2	54.4

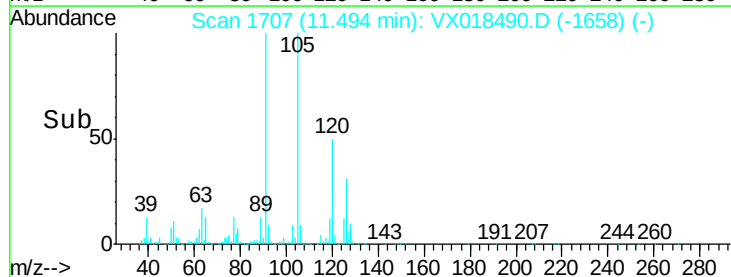
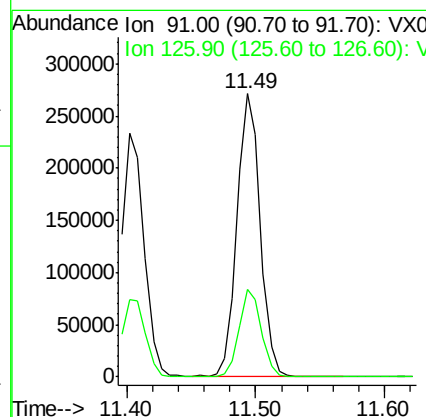
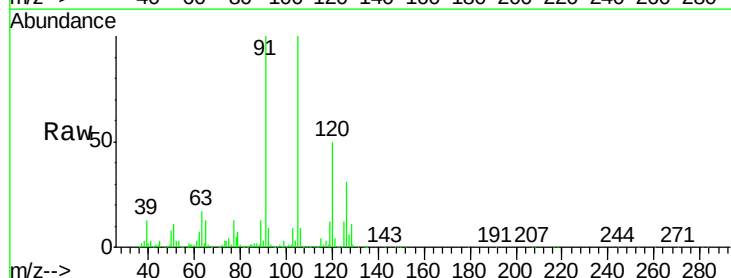
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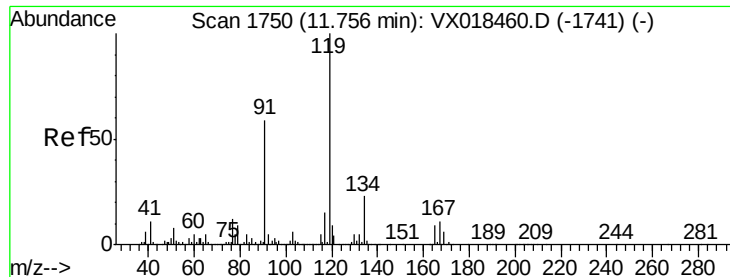
MMDadoda
9/21/2020 11:50:50 AM



#82
4-Chlorotoluene
Concen: 18.627 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	15.0	45.0





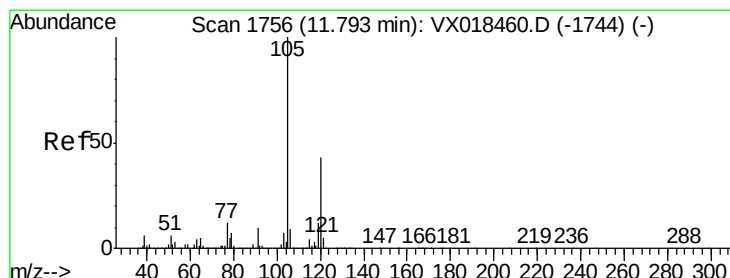
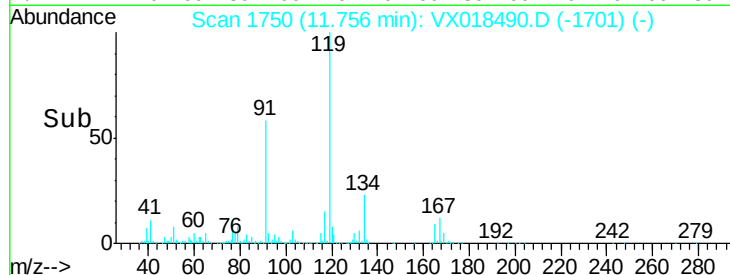
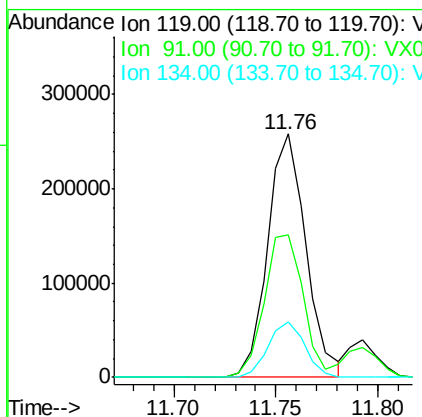
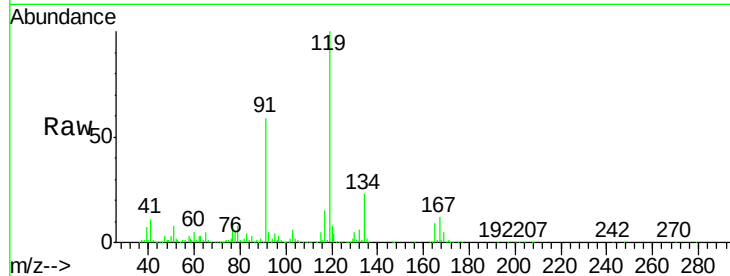
#83
 tert-Butylbenzene
 Concen: 18.694 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	338225		
91	59.3	28.9	86.7	
134	22.1	11.3	33.8	

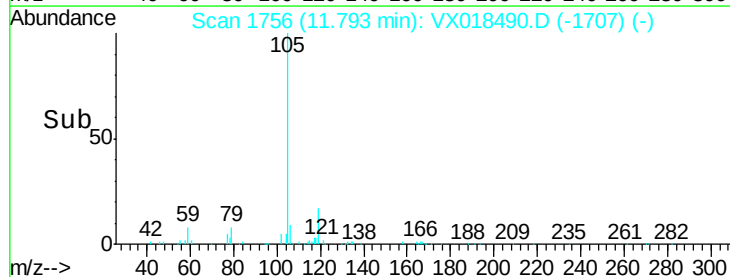
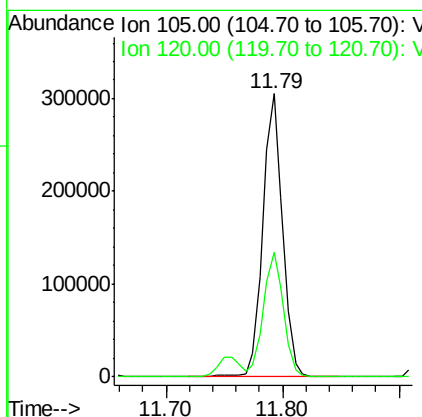
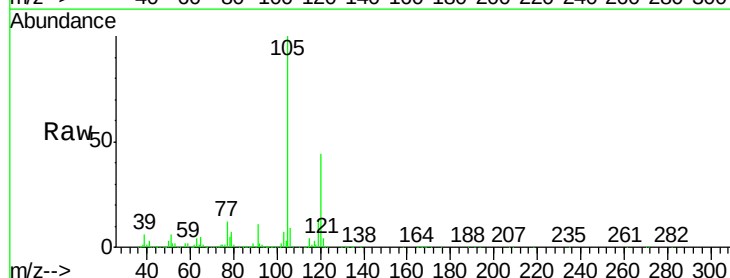
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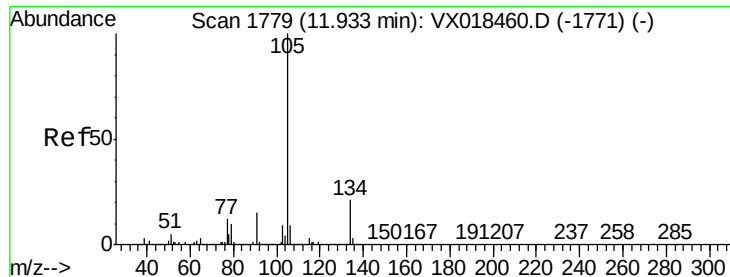
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 9/21/2020 11:50:50 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.141 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	359210		
120	44.4	21.6	65.0	





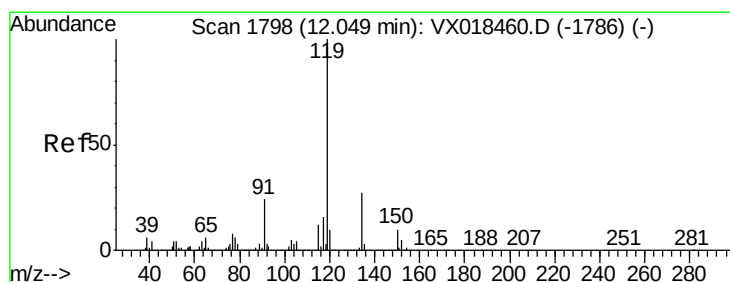
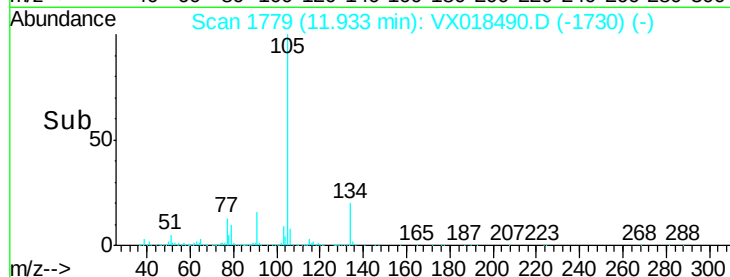
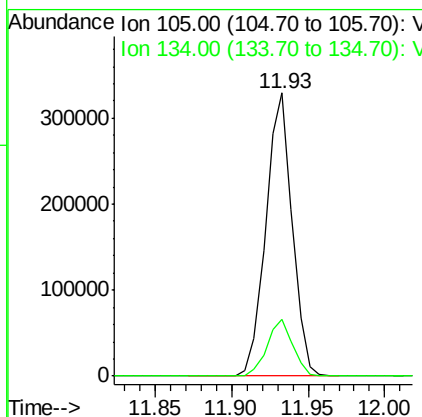
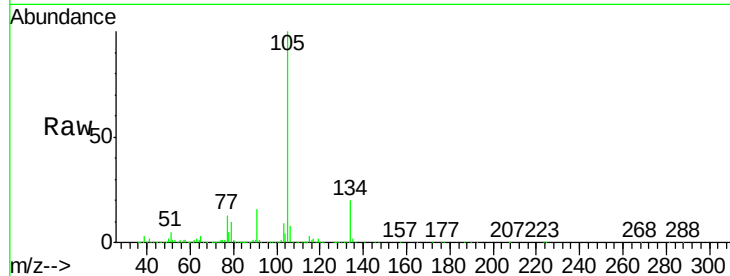
#85
 sec-Butylbenzene
 Concen: 18.589 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.2	30.4

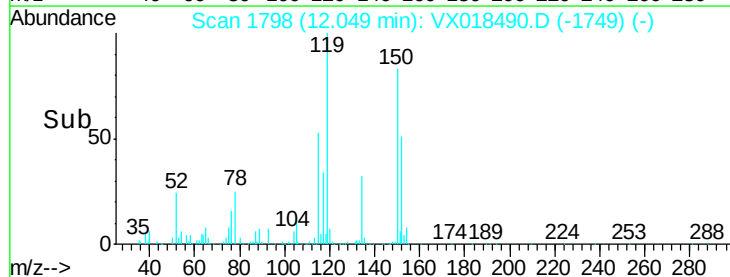
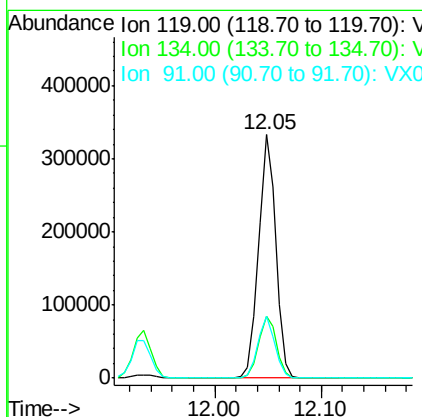
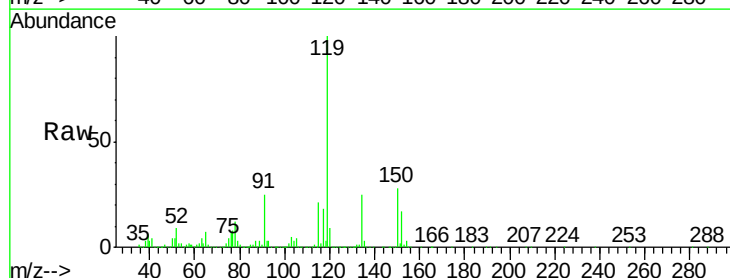
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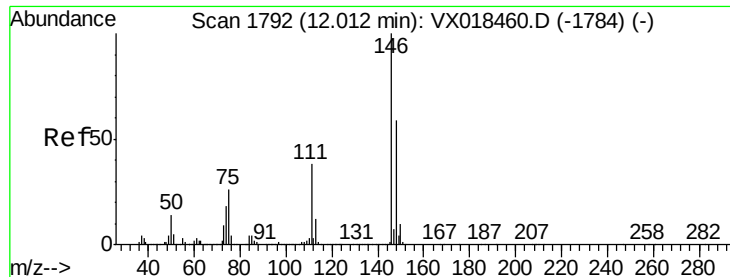
MMDadoda
 9/21/2020 11:50:50 AM



#86
 p-Isopropyltoluene
 Concen: 19.348 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.9
91	25.2	11.9	35.9





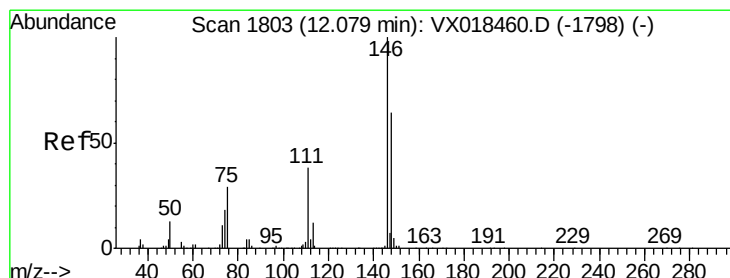
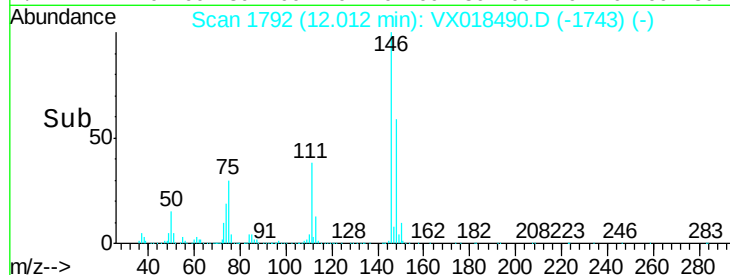
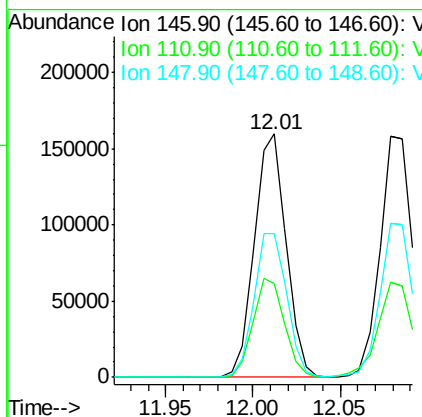
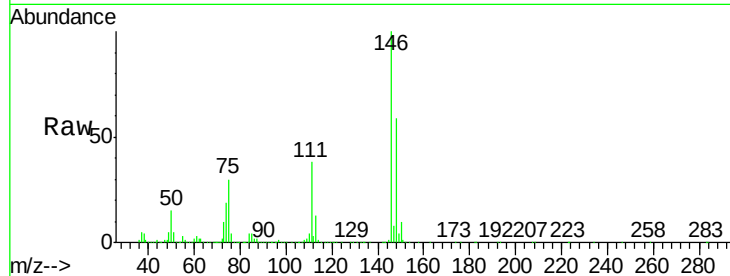
#87
 1,3-Dichlorobenzene
 Concen: 18.650 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	201593		
111	40.4		20.4	61.2
148	61.1		31.1	93.2

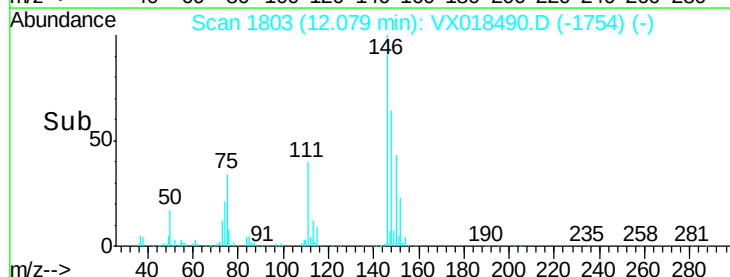
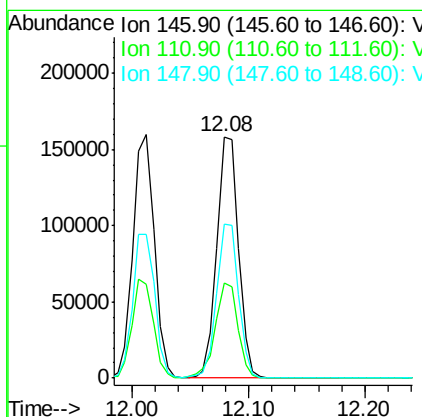
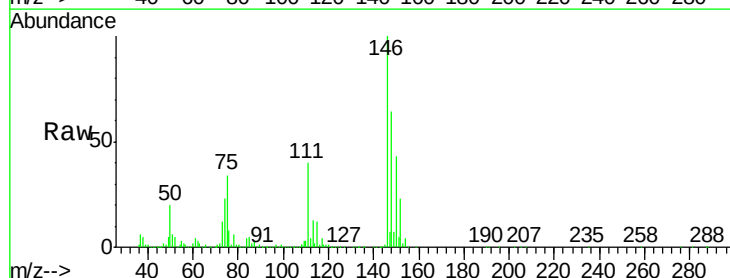
Manual Integrations
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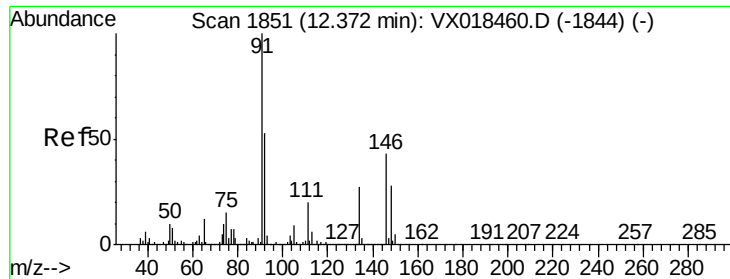
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#88
 1,4-Dichlorobenzene
 Concen: 18.548 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	203293		
111	40.9		19.4	58.4
148	64.2		31.8	95.4





#89

n-Butylbenzene

Concen: 18.079 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

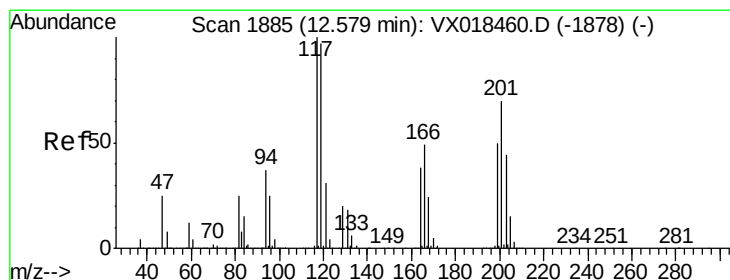
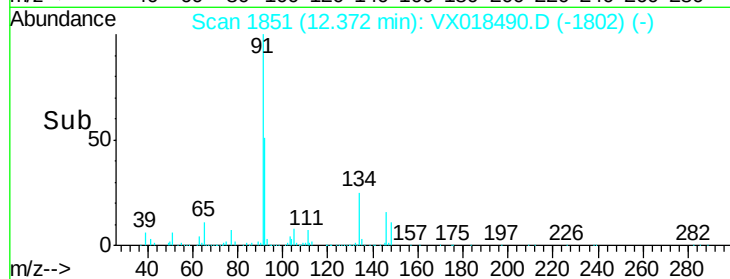
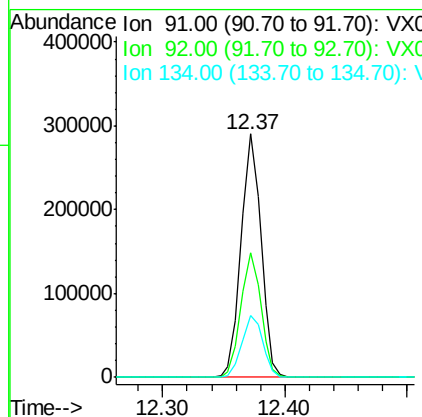
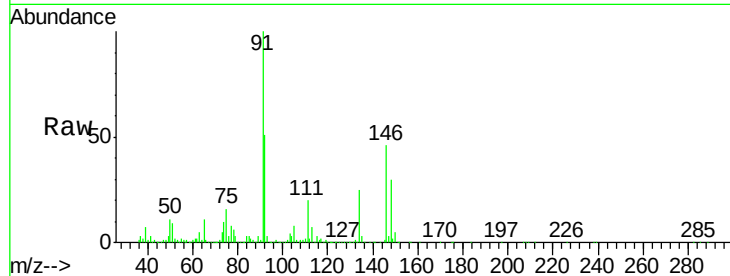
ClientSampleId :

VX0918WBSD02

Tot Ion:	91	Resp:	328357
Ion Ratio	Lower	Upper	
91	100		
92	51.3	26.1	78.2
134	26.6	13.3	39.8

Manual Integrations
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9/21/2020 11:50:50 AM



#90

Hexachloroethane

Concen: 18.329 ug/l

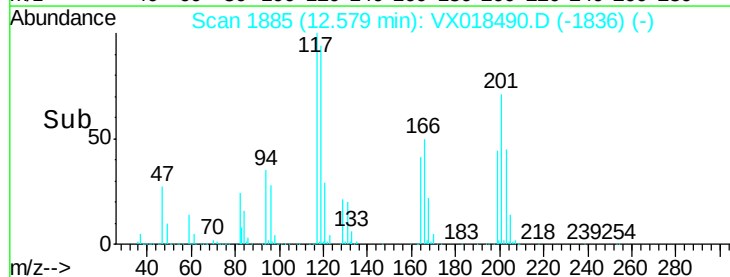
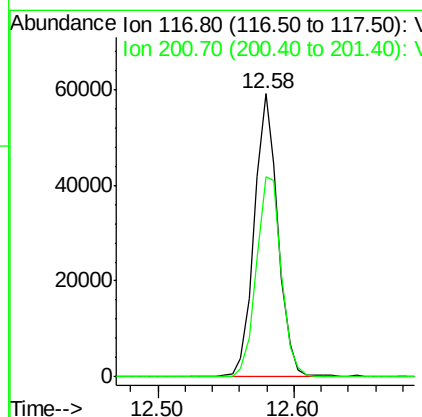
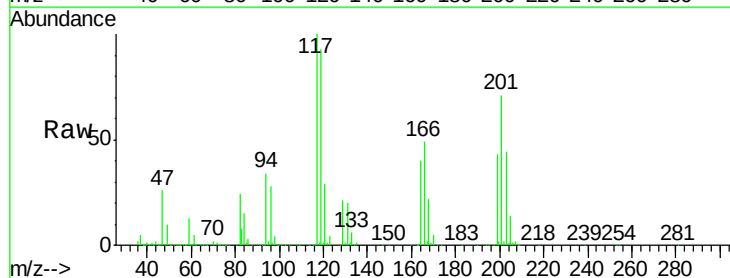
RT: 12.58 min Scan# 1885

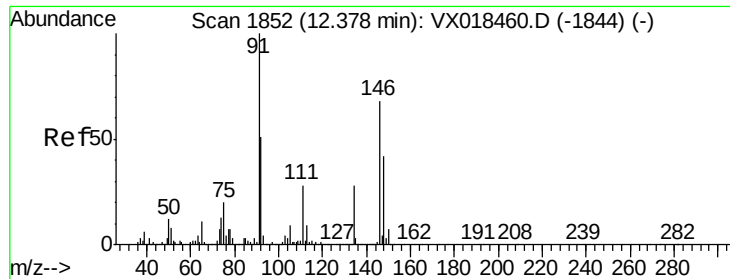
Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion:	117	Resp:	71791
Ion Ratio	Lower	Upper	
117	100		
201	75.2	36.2	108.6





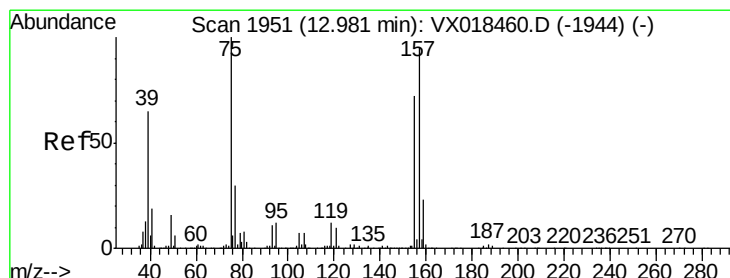
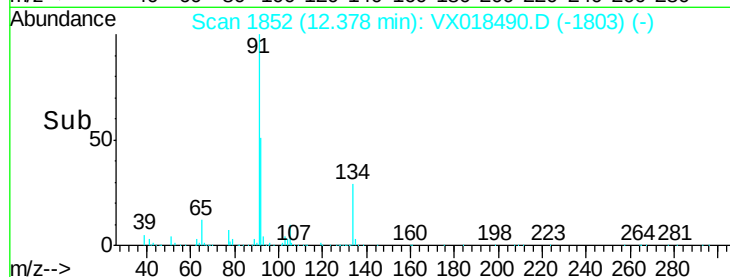
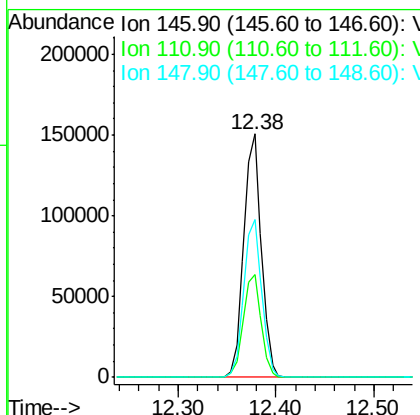
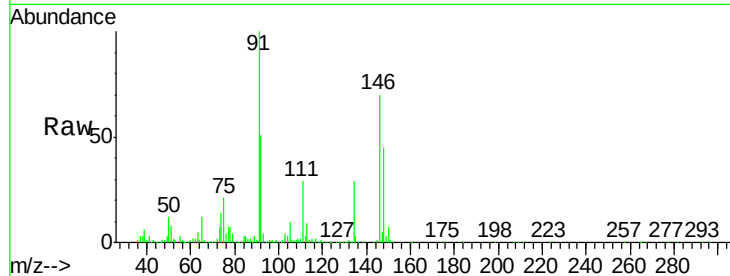
#91
 1,2-Dichlorobenzene
 Concen: 18.675 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	188940		
111	42.5	21.5	64.5	
148	66.1	32.1	96.5	

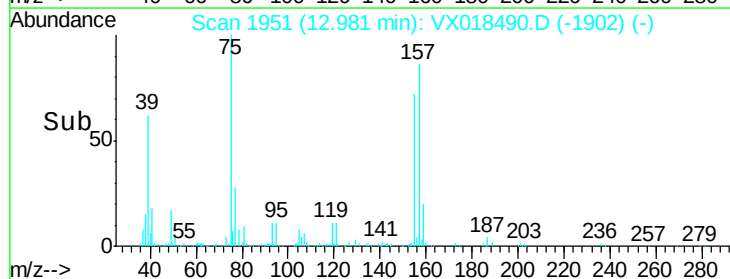
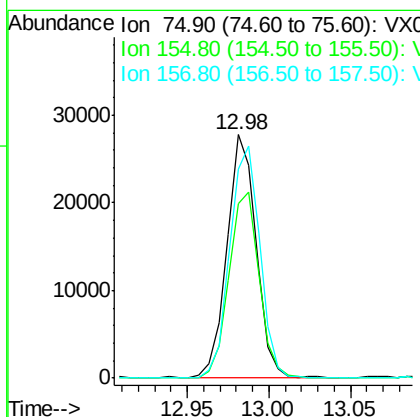
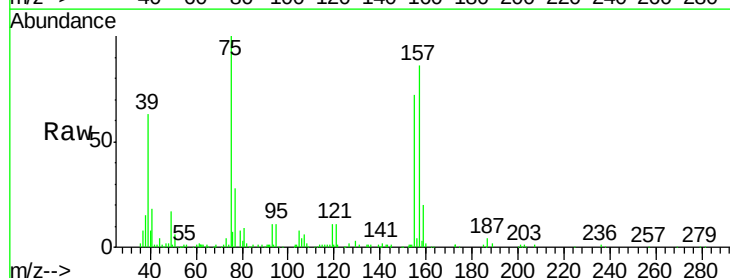
Manual Integrations
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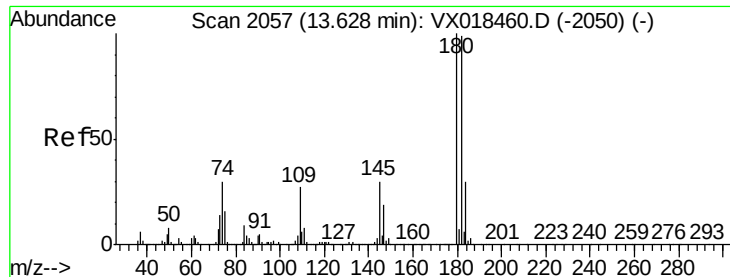
MMDadoda
 9/21/2020 11:50:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.699 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34490		
155	79.0	38.8	116.4	
157	98.3	51.1	153.3	





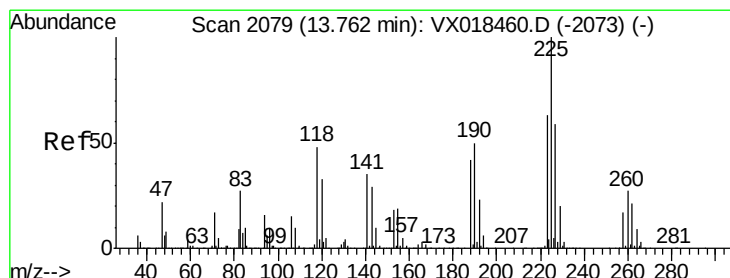
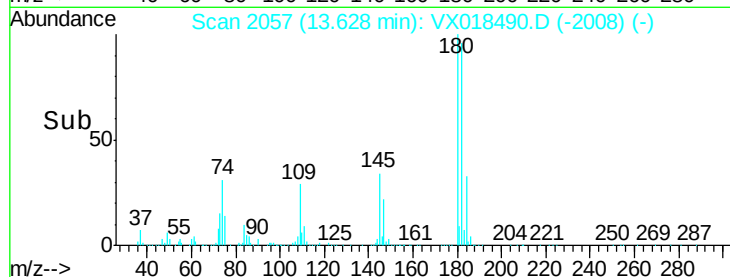
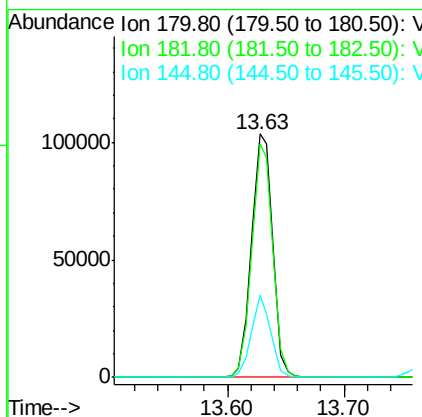
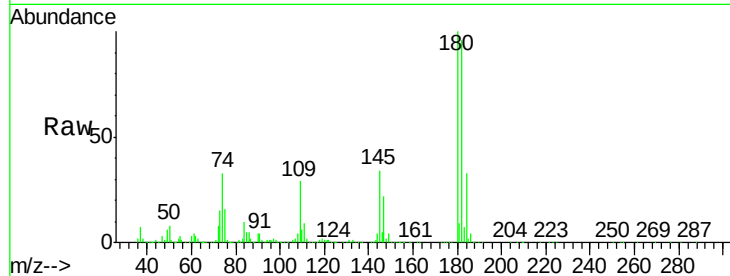
#93
 1,2,4-Trichlorobenzene
 Concen: 18.570 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	130757		
182	94.9	50.2	150.6	
145	31.3	15.7	47.1	

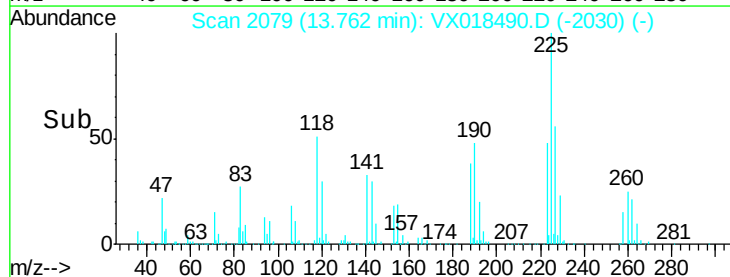
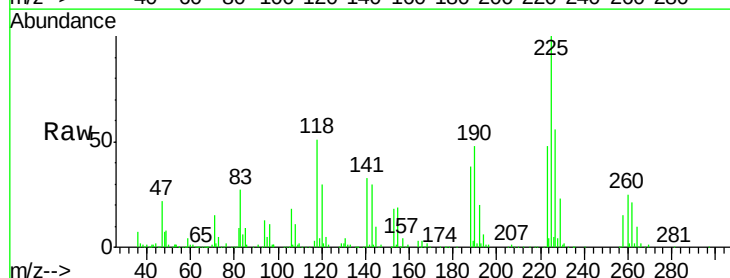
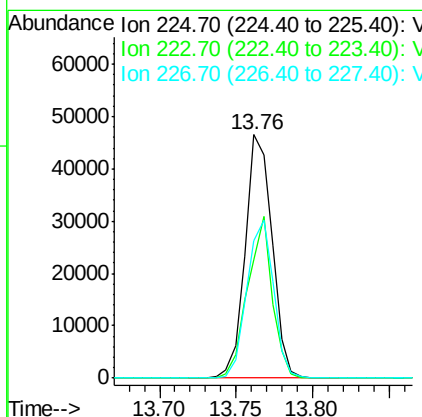
Manual Integrations
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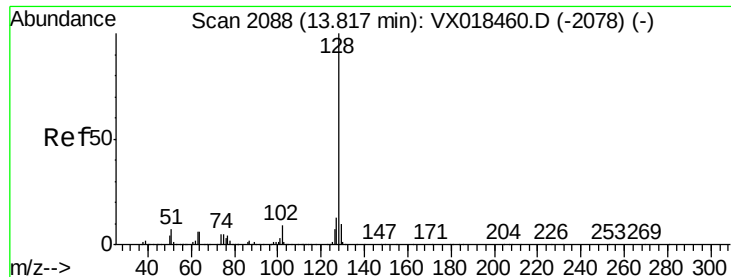
MMDadoda
 9/21/2020 11:50:50 AM



#94
 Hexachlorobutadiene
 Concen: 19.213 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56770		
223	60.5	32.0	96.2	
227	64.5	31.7	95.1	





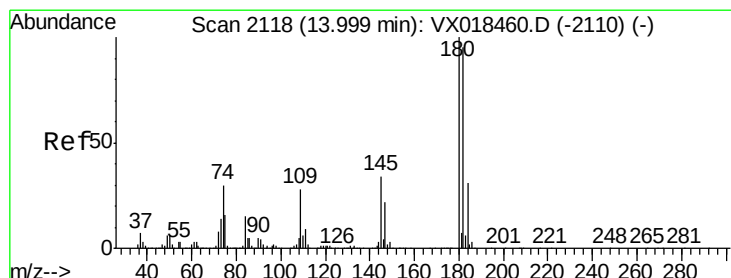
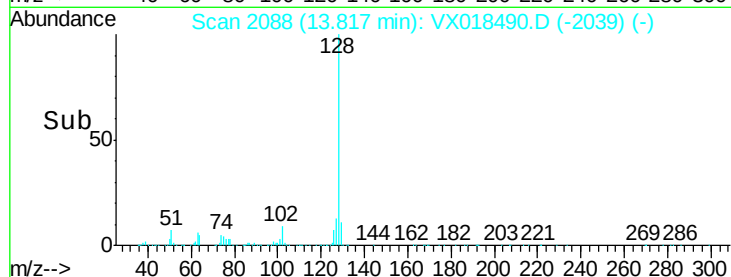
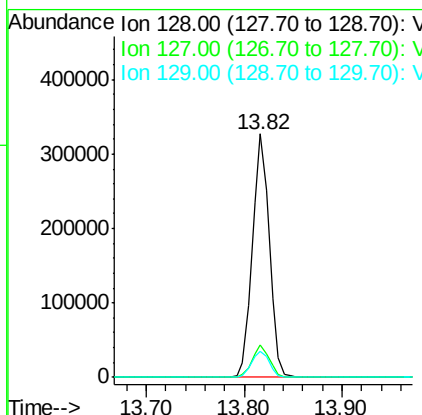
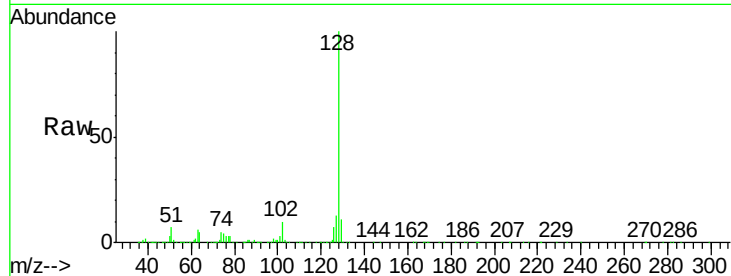
#95
Naphthalene
Concen: 18.533 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	394106		
127	13.3	10.3	15.5	
129	11.3	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:50:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.464 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	130981		
182	95.7	47.1	141.3	
145	34.2	16.8	50.4	

