

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092420\
 Data File : VX018584.D
 Acq On : 24 Sep 2020 19:38
 Operator : JC/SP
 Sample : L4118-20MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Manual Integrations
 APPROVED

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 9/28/2020 5:22:09 PM

Quant Time: Sep 25 02:34:47 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	401430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	621533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	598524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	324622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	277915	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.47	113	215708	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	8.70	98	758261	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.12	95	296645	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	194376	51.072	ug/l	95
3) Chloromethane	1.31	50	215387	48.340	ug/l	97
4) Vinyl Chloride	1.39	62	225390	47.782	ug/l	98
5) Bromomethane	1.64	94	156674	54.116	ug/l	100
6) Chloroethane	1.71	64	130662	48.399	ug/l	100
7) Trichlorofluoromethane	1.92	101	391422	54.622	ug/l	96
8) Diethyl Ether	2.17	74	121429	48.297	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215830	55.957	ug/l	98
10) Methyl Iodide	2.50	142	244539	51.118	ug/l	95
11) Tert butyl alcohol	3.06	59	212418	214.977	ug/l	100
12) 1,1-Dichloroethene	2.36	96	204158	52.515	ug/l	90
13) Acrolein	2.28	56	187063	298.990	ug/l	99
14) Allyl chloride	2.71	41	340659	45.219	ug/l	96
15) Acrylonitrile	3.12	53	566609	240.330	ug/l	100
16) Acetone	2.43	43	502480	231.365	ug/l	98
17) Carbon Disulfide	2.55	76	550055	47.377	ug/l	99
18) Methyl Acetate	2.75	43	243419	45.237	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	703741	51.568	ug/l	97
20) Methylene Chloride	2.84	84	225742	47.110	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	215817	47.767	ug/l	100
22) Diisopropyl ether	3.82	45	704300	49.736	ug/l	99
23) Vinyl Acetate	3.79	43	2909314	231.854	ug/l	100
24) 1,1-Dichloroethane	3.67	63	402858	49.330	ug/l	99
25) 2-Butanone	4.64	43	778628	230.222	ug/l	99
26) 2,2-Dichloropropane	4.55	77	310398	41.136	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	248651	49.101	ug/l	99
28) Bromochloromethane	4.98	49	177205	46.370	ug/l	96
29) Tetrahydrofuran	5.10	42	498005	233.621	ug/l	98
30) Chloroform	5.18	83	442001	53.343	ug/l	99
31) Cyclohexane	5.55	56	323319	47.046	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	399015	51.330	ug/l	98
36) 1,1-Dichloropropene	5.77	75	303052	50.235	ug/l	99
37) Ethyl Acetate	4.79	43	296185	45.977	ug/l	100
38) Carbon Tetrachloride	5.76	117	378242	56.613	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	328392	48.453	ug/l	99
40) Benzene	6.12	78	878005	50.785	ug/l	99
41) Methacrylonitrile	5.01	41	171647	47.952	ug/l	99
42) 1,2-Dichloroethane	6.17	62	362197	53.851	ug/l	99
43) Isopropyl Acetate	6.42	43	504058	47.152	ug/l	99
44) Trichloroethene	7.19	130	1714443	342.558	ug/l	95
45) 1,2-Dichloropropane	7.49	63	236691	49.879	ug/l	99
46) Dibromomethane	7.64	93	169780	52.077	ug/l	100
47) Bromodichloromethane	7.88	83	349931	53.259	ug/l	98
48) Methyl methacrylate	7.74	41	259217	49.818	ug/l	97
49) 1,4-Dioxane	7.76	88	73807	858.470	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1587689	249.440	ug/l	99
52) Toluene	8.77	92	565497	51.979	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	373744	50.061	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	372762	48.466	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	240169	53.201	ug/l	97
56) Ethyl methacrylate	9.16	69	344899	51.526	ug/l	98
57) 1,3-Dichloropropane	9.35	76	387818	51.132	ug/l	100
59) 2-Hexanone	9.48	43	1206119	249.132	ug/l	100
60) Dibromochloromethane	9.57	129	294460	54.703	ug/l	100
61) 1,2-Dibromoethane	9.65	107	255873	53.271	ug/l	99
64) Tetrachloroethene	9.32	164	227134	48.202	ug/l	98
65) Chlorobenzene	10.12	112	621929	50.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	256161	51.812	ug/l	98
67) Ethyl Benzene	10.24	91	1092174	51.198	ug/l	97
68) m/p-Xylenes	10.34	106	827244	102.513	ug/l	99
69) o-Xylene	10.68	106	398241	52.116	ug/l	97
70) Stvrene	10.69	104	681725	51.669	ug/l	97
71) Bromoform	10.84	173	214934	51.777	ug/l #	100
73) Isopropylbenzene	11.01	105	1078695	49.741	ug/l	100
74) N-amyl acetate	10.88	43	411444	42.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	351873	49.021	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	316978m	46.466	ug/l	
77) Bromobenzene	11.24	156	286778	47.928	ug/l	98
78) n-propylbenzene	11.35	91	1234193	48.621	ug/l	100
79) 2-Chlorotoluene	11.41	91	742846	48.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	927341	50.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	114879	43.153	ug/l	95
82) 4-Chlorotoluene	11.49	91	890151	48.736	ug/l	100
83) tert-Butylbenzene	11.76	119	888110	49.321	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	953288	51.039	ug/l	100
85) sec-Butylbenzene	11.93	105	1032094	48.577	ug/l	99
86) p-Isopropyltoluene	12.05	119	972620	49.810	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	509347	47.344	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	519948	47.665	ug/l	99
89) n-Butylbenzene	12.37	91	841000	46.524	ug/l	100
90) Hexachloroethane	12.58	117	186506	47.843	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	505706	50.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84590	48.544	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	325831	46.493	ug/l	93

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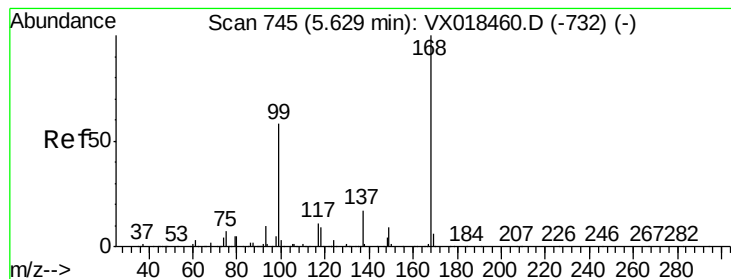
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	138213	46.998	ug/l	98
95) Naphthalene	13.82	128	1041198	49.195	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	318812	47.601	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion:168 Resp: 401430

Ion Ratio Lower Upper

168 100

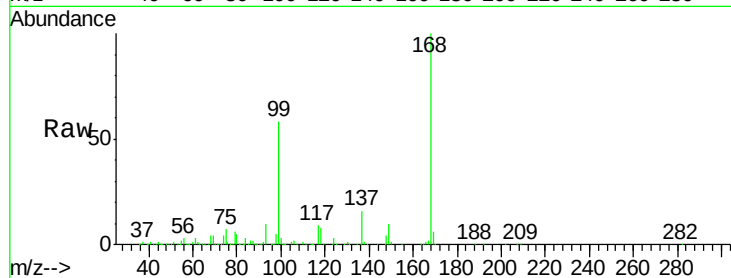
99 58.3 46.5 69.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

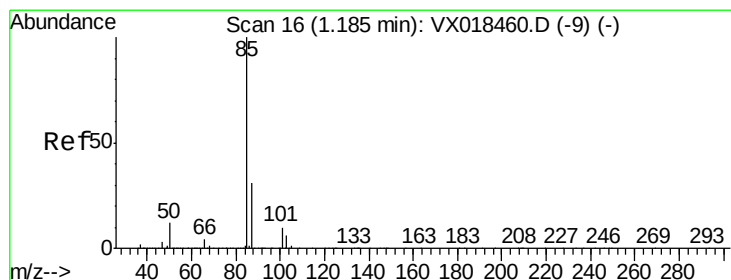
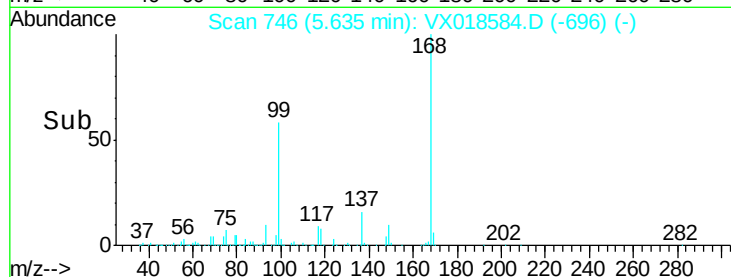
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.072 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018584.D

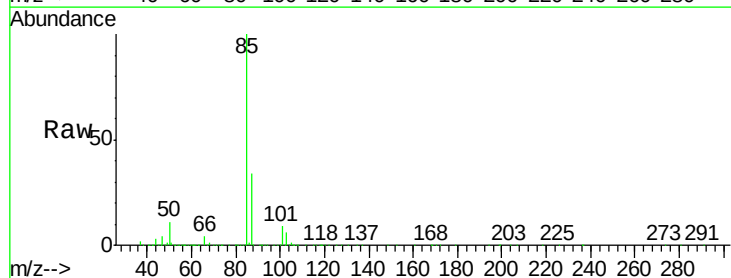
Acq: 24 Sep 2020 19:38

Tgt Ion: 85 Resp: 194376

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

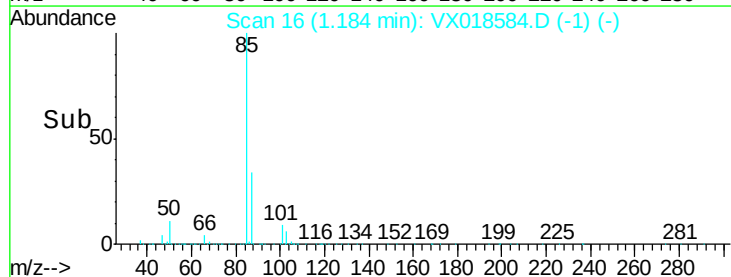
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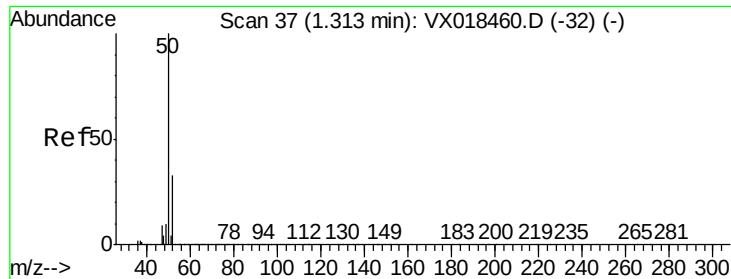
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.340 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 50 Resp: 215387

Ion Ratio Lower Upper

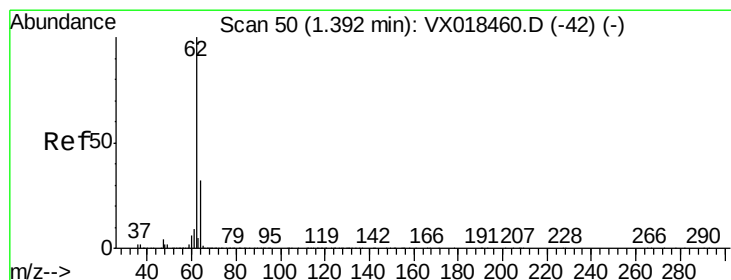
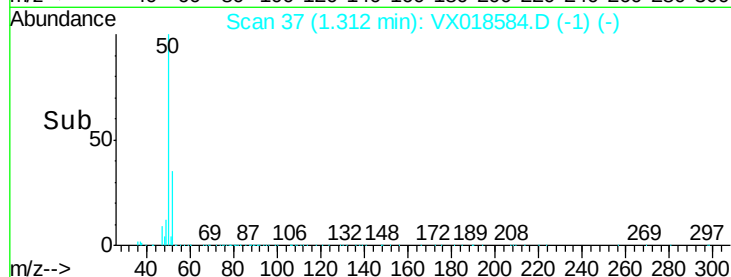
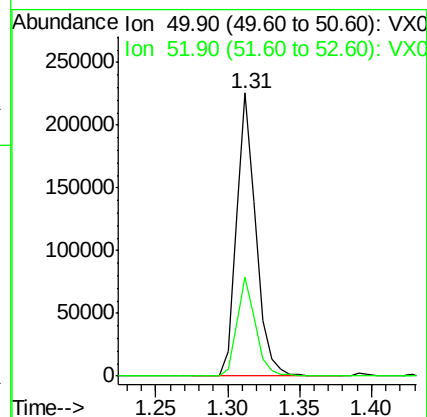
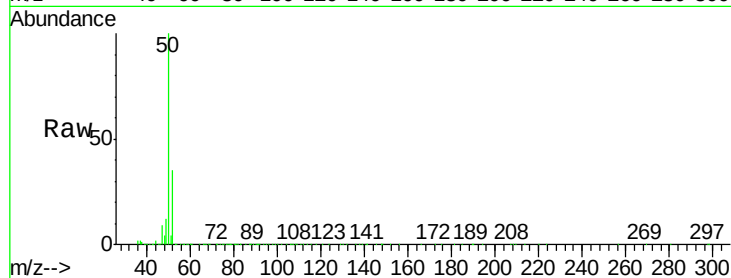
50 100

52 35.0 26.6 40.0

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#4

Vinyl Chloride

Concen: 47.782 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018584.D

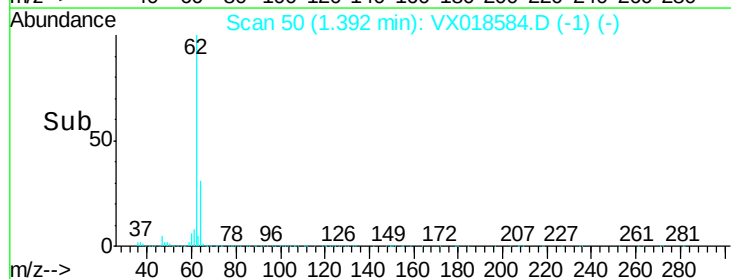
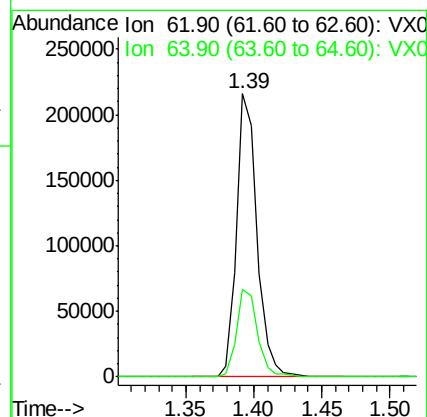
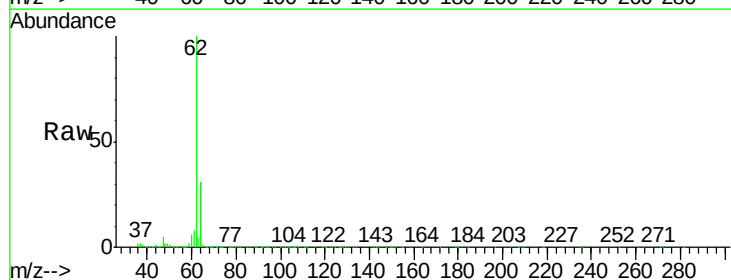
Acq: 24 Sep 2020 19:38

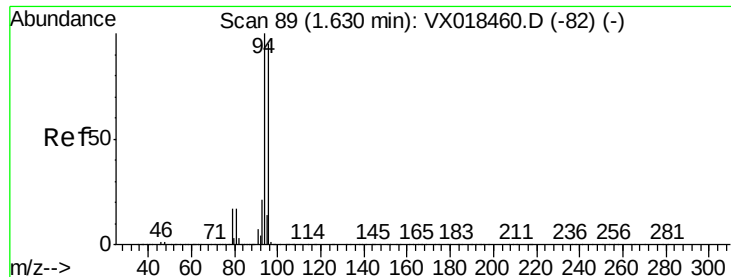
Tgt Ion: 62 Resp: 225390

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 54.116 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 94 Resp: 156674

Ion Ratio Lower Upper

94 100

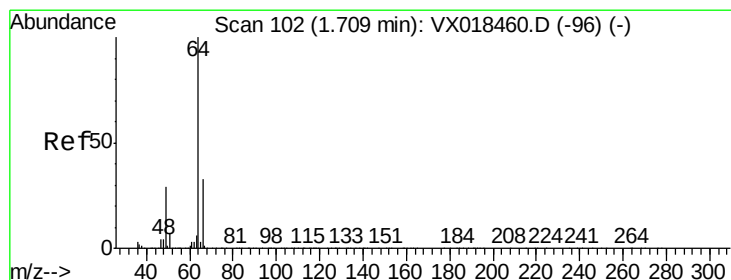
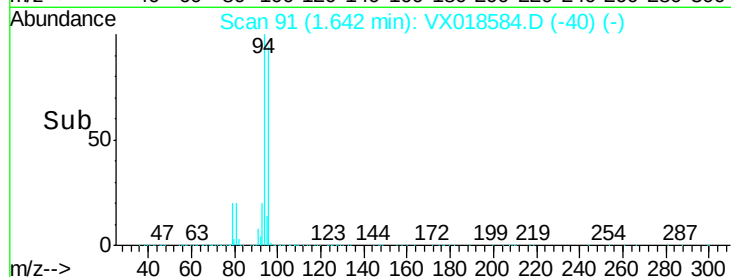
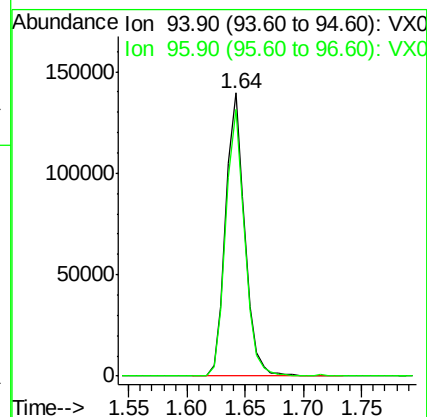
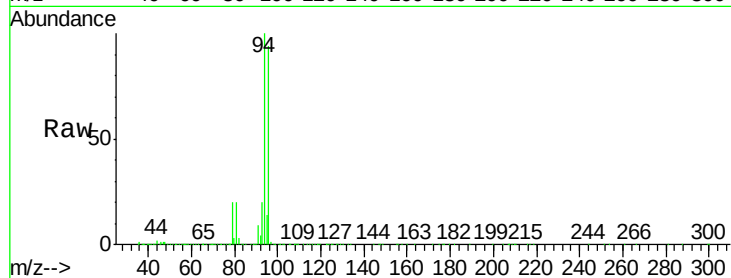
96 94.4 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 48.399 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018584.D

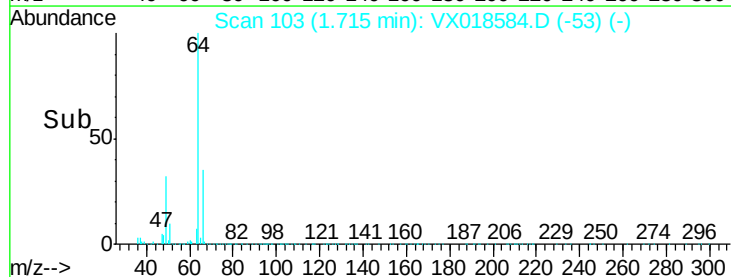
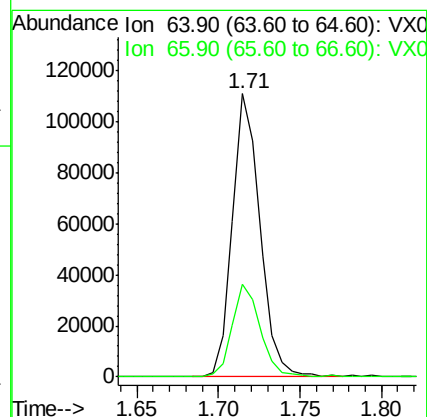
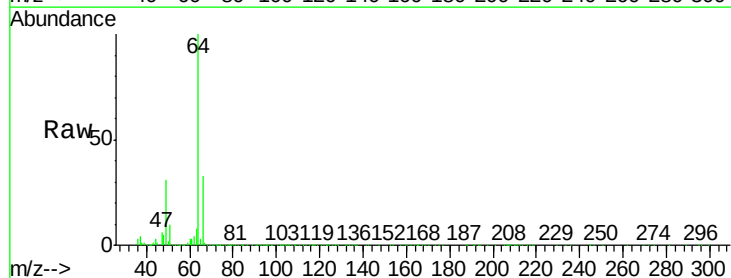
Acq: 24 Sep 2020 19:38

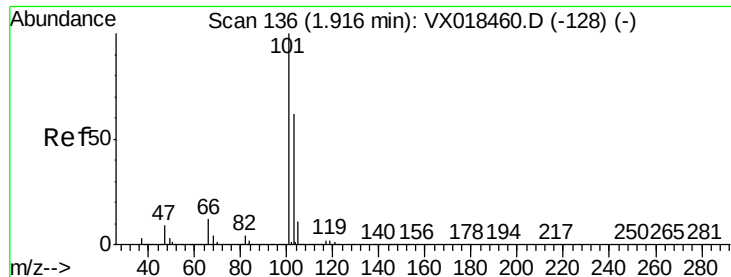
Tgt Ion: 64 Resp: 130662

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.4





#7

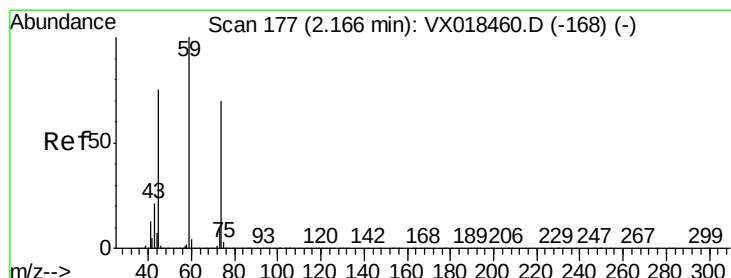
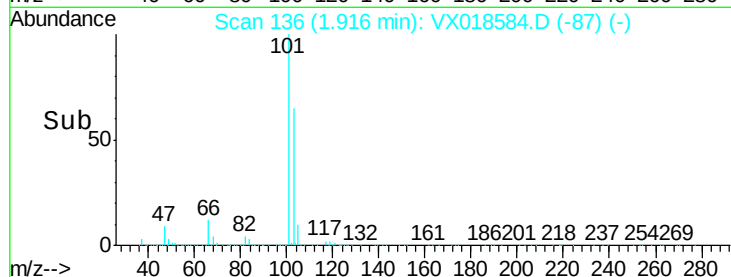
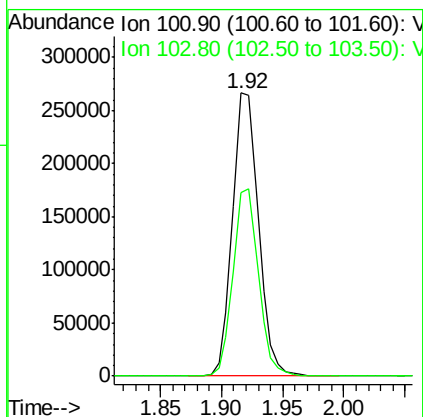
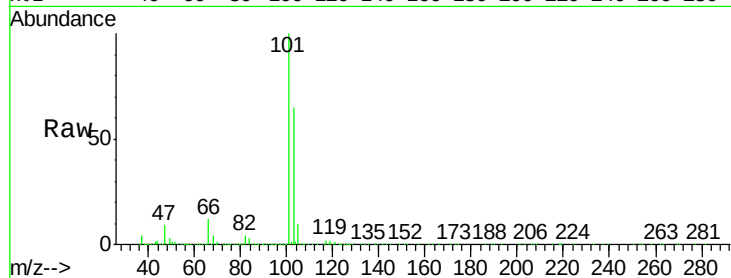
Trichlorofluoromethane
Concen: 54.622 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	391422		
103	64.9	49.6	74.4	

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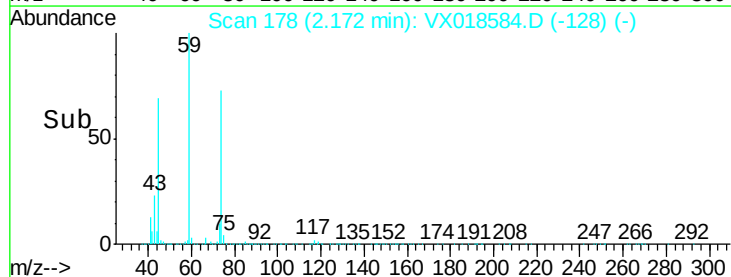
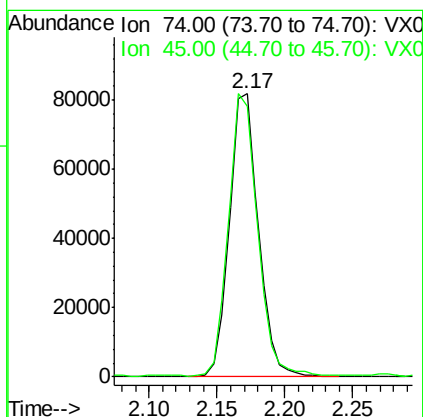
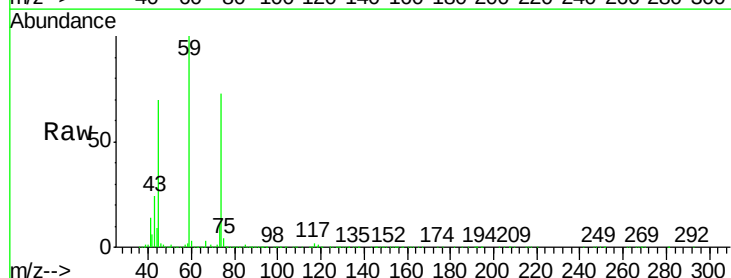
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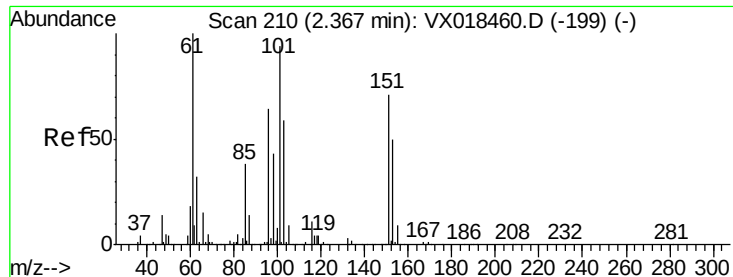


#8

Diethyl Ether
Concen: 48.297 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	121429		
45	99.6	50.7	152.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.957 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

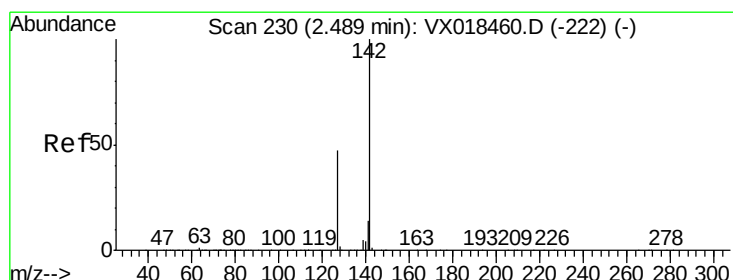
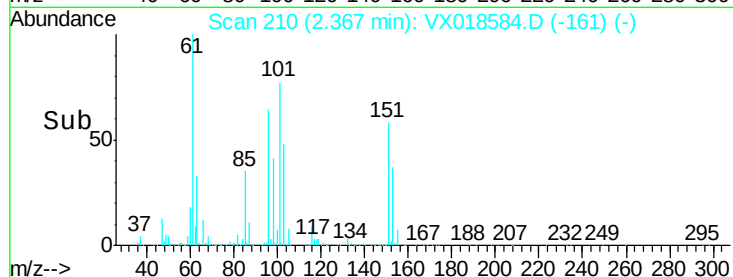
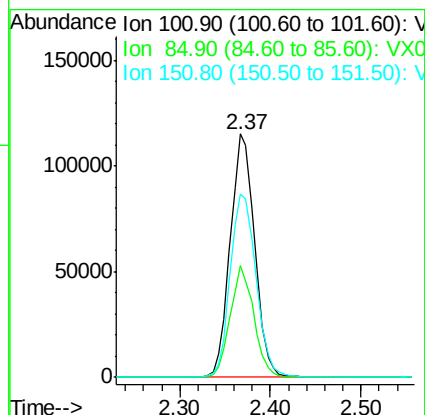
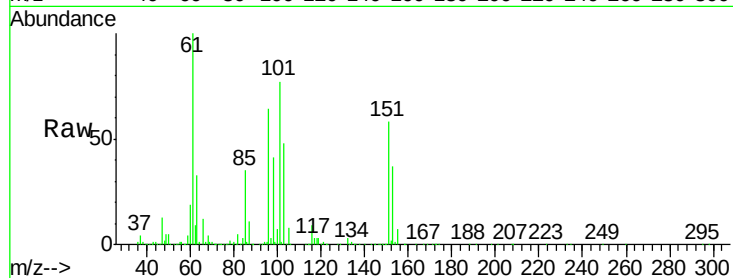
ClientSampleId :

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Tot Ion:	101	Resp:	215830
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.7	52.1
151	79.4	64.9	97.3

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#10

Methyl Iodide

Concen: 51.118 ug/l

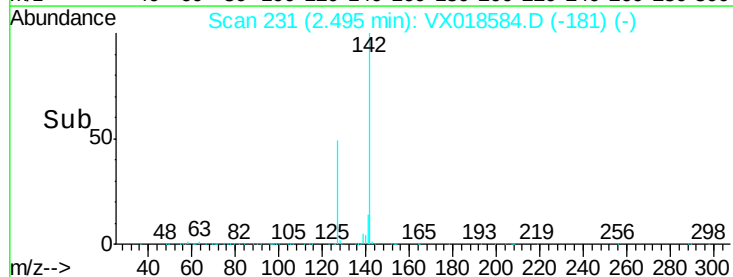
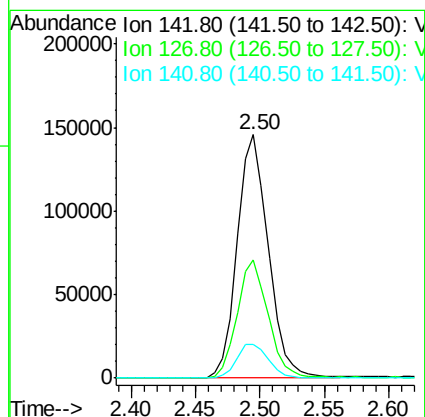
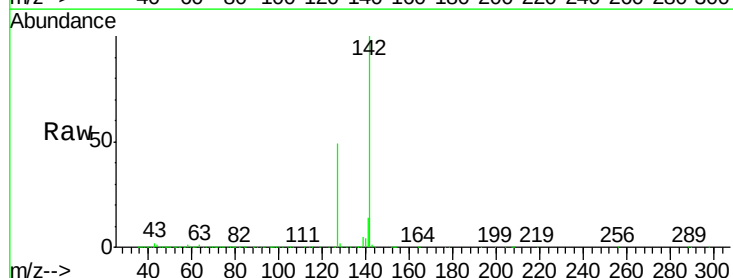
RT: 2.50 min Scan# 231

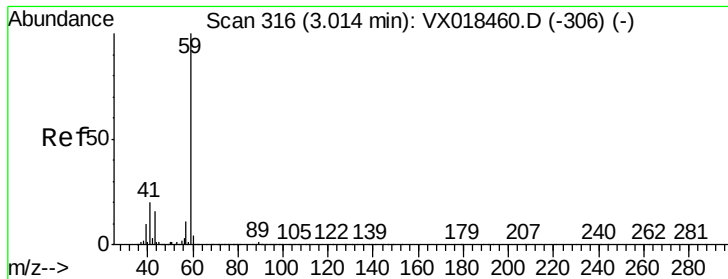
Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion:	142	Resp:	244539
Ion Ratio	Lower	Upper	
142	100		
127	49.0	36.0	54.0
141	14.6	11.9	17.9





#11

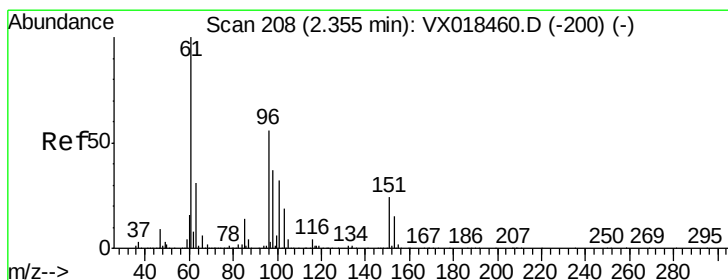
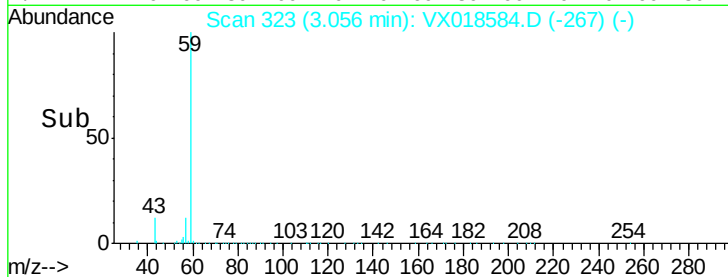
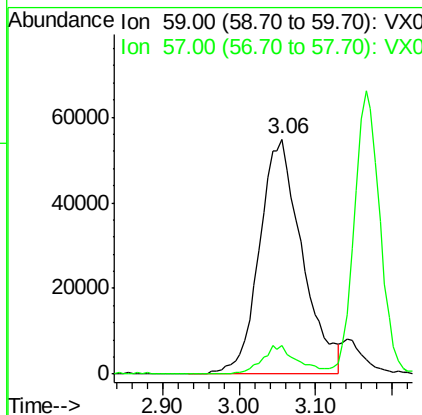
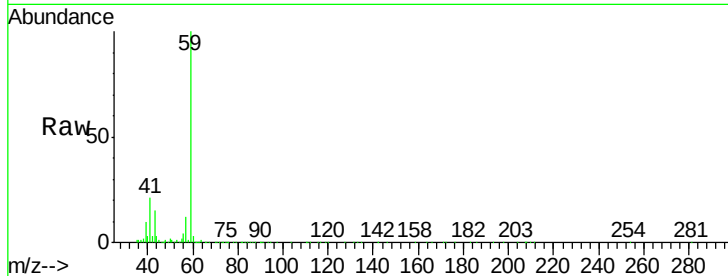
Tert butyl alcohol
Concen: 214.977 ug/l
RT: 3.06 min Scan# 323
Delta R.T. 0.04 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	59	Resp	212418
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.4

Manual Integrations
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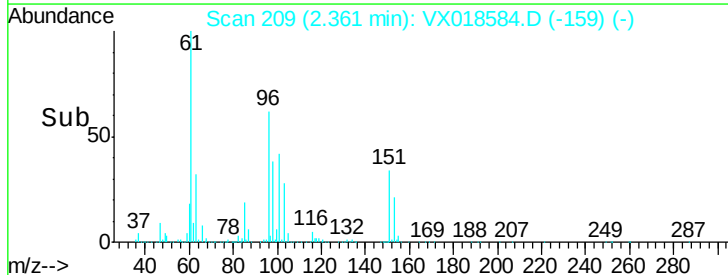
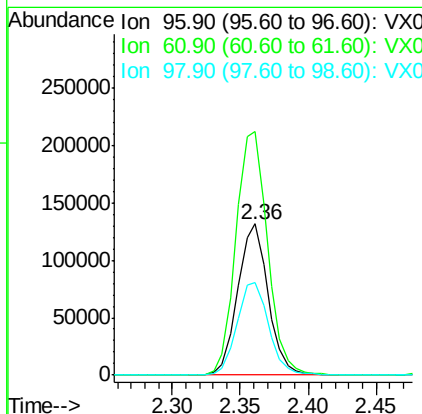
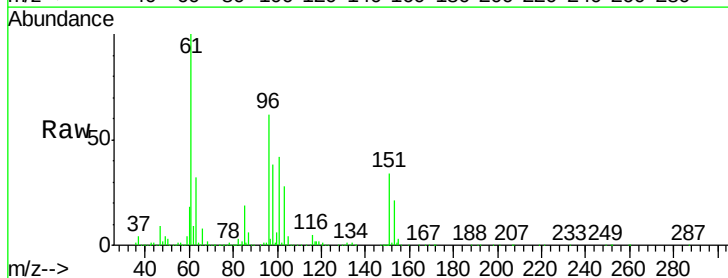
MMDadoda
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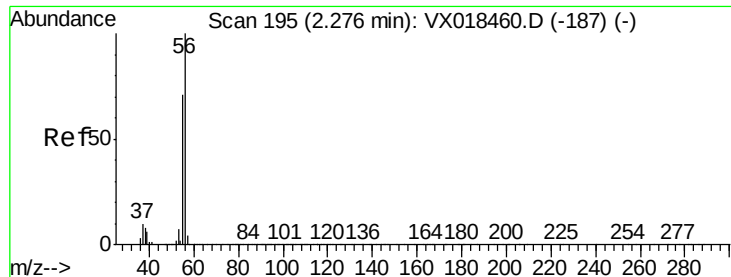


#12

1,1-Dichloroethene
Concen: 52.515 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	96	Resp	204158
Ion Ratio	100	Lower	Upper
61	161.3	142.2	213.4
98	61.0	52.4	78.6





#13

Acrolein

Concen: 298.990 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 56 Resp: 187063

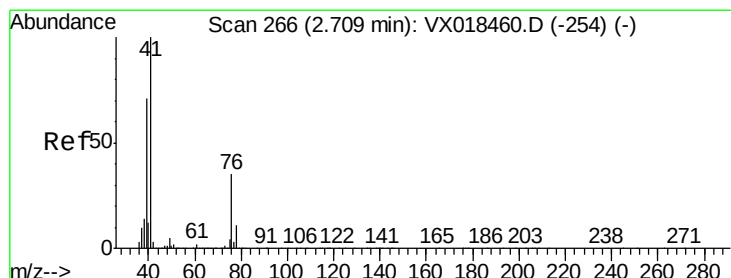
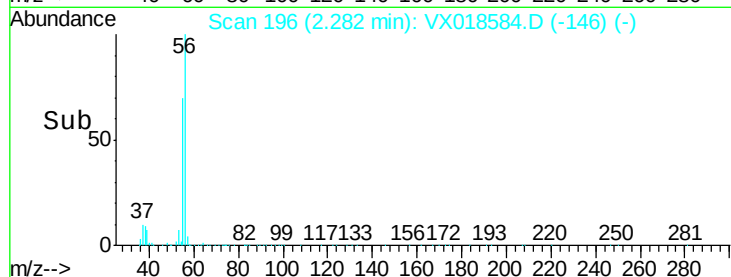
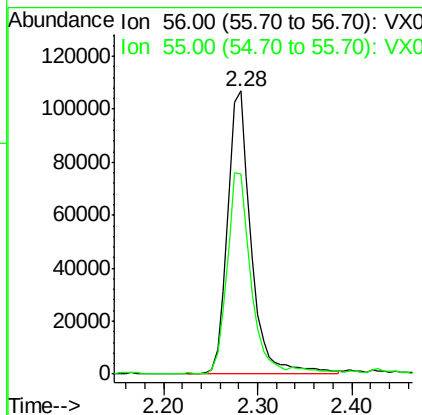
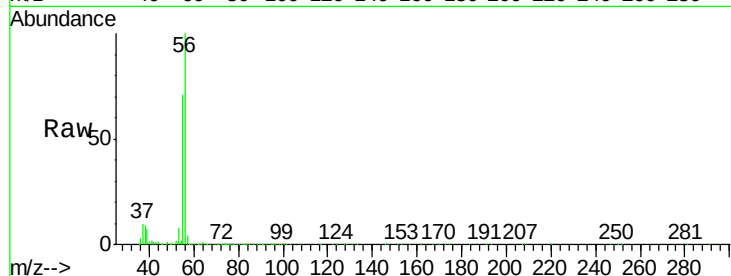
Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 45.219 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

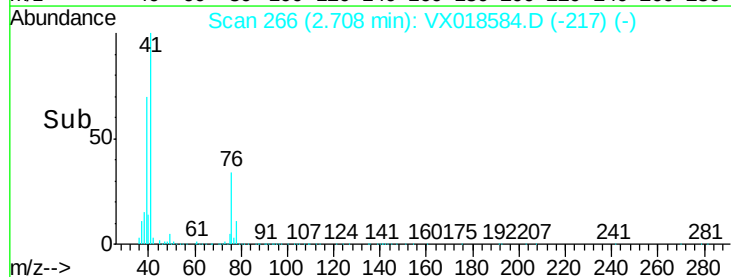
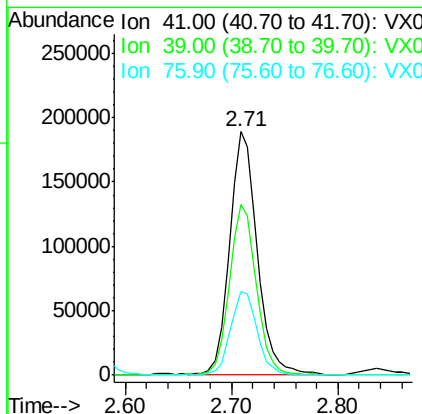
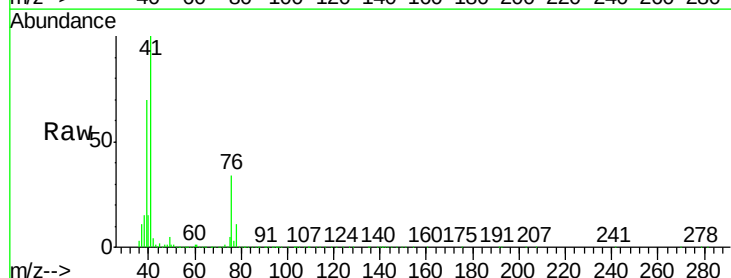
Tgt Ion: 41 Resp: 340659

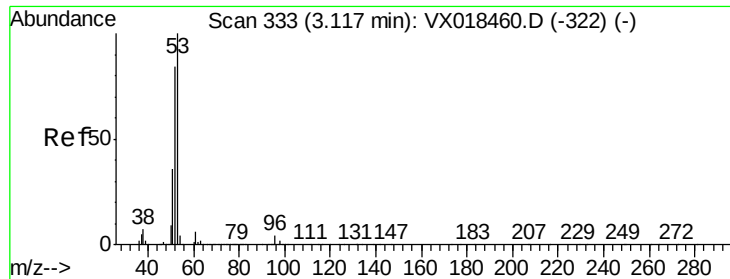
Ion Ratio Lower Upper

41 100

39 67.7 51.1 76.7

76 33.6 26.0 39.0





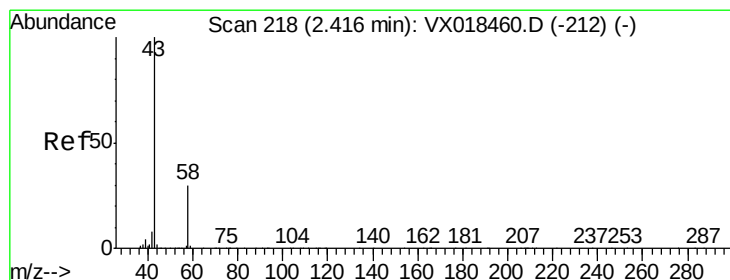
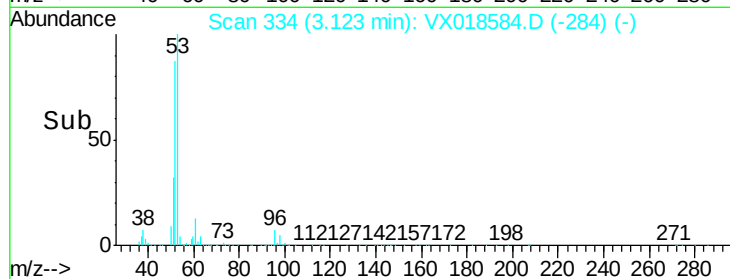
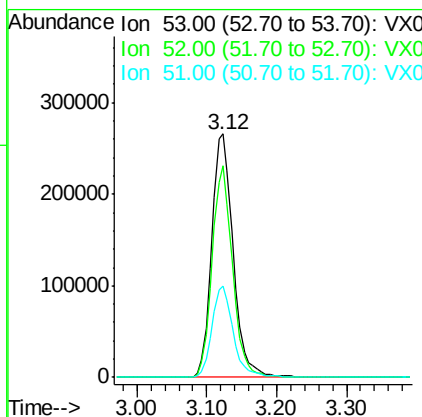
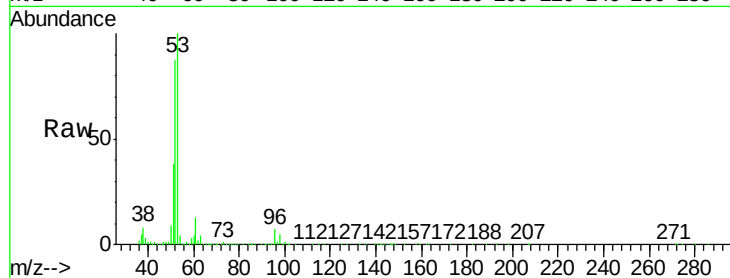
#15
Acrylonitrile
Concen: 240.330 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.8
51	36.7	29.2	43.8

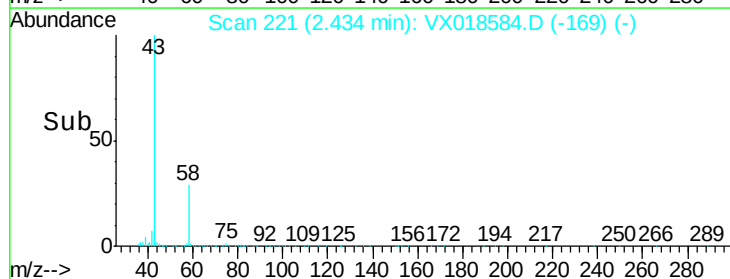
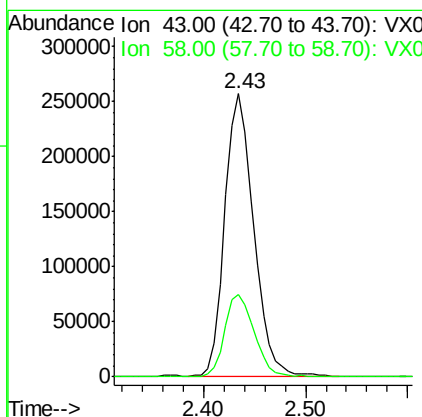
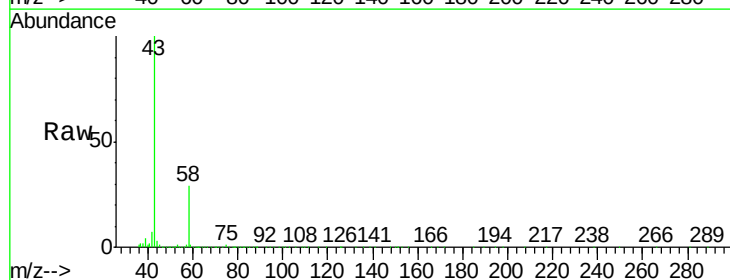
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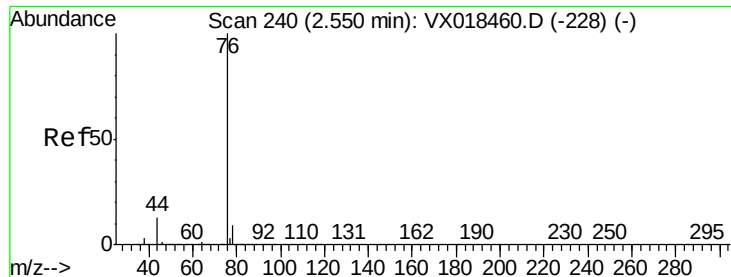
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#16
Acetone
Concen: 231.365 ug/l
RT: 2.43 min Scan# 221
Delta R.T. 0.02 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.0	36.0





#17

Carbon Disulfide

Concen: 47.377 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 76 Resp: 550055

Ion Ratio Lower Upper

76 100

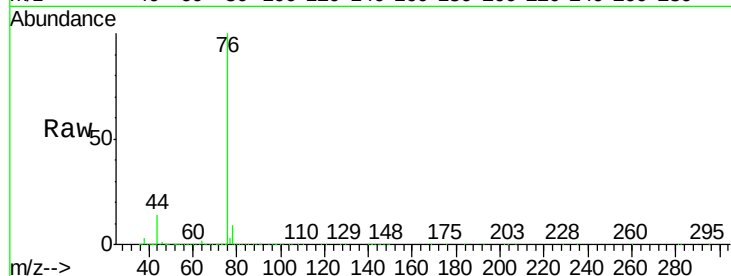
78 8.9 7.0 10.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

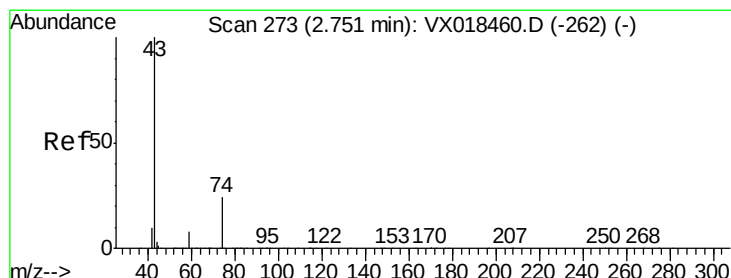
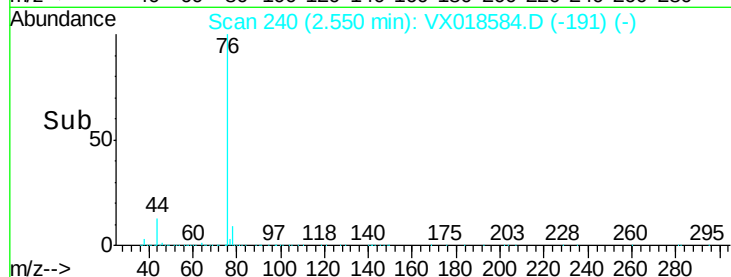
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 45.237 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018584.D

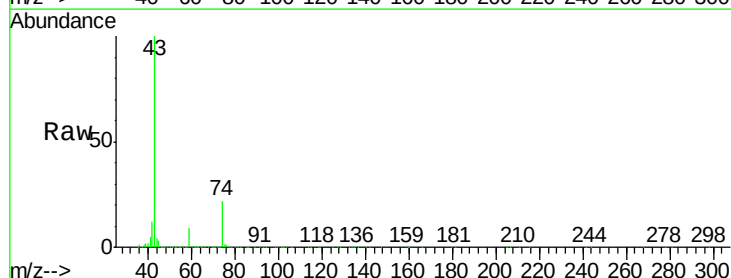
Acq: 24 Sep 2020 19:38

Tgt Ion: 43 Resp: 243419

Ion Ratio Lower Upper

43 100

74 24.3 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

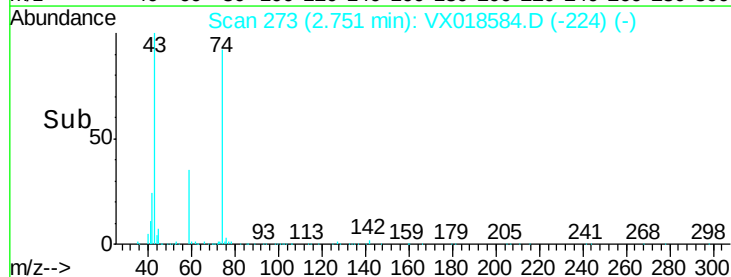
150000

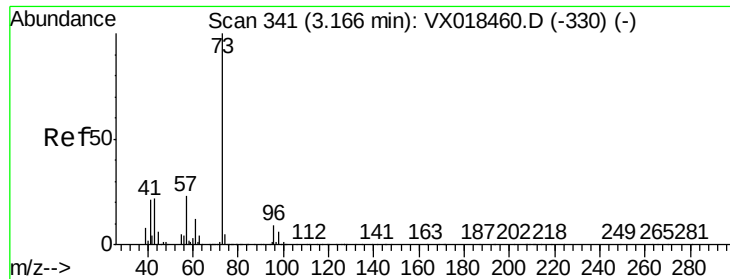
100000

50000

0

Time-->





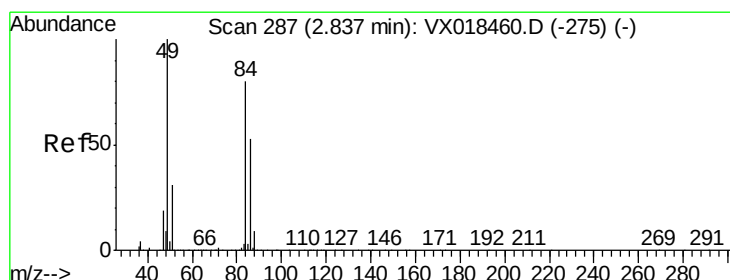
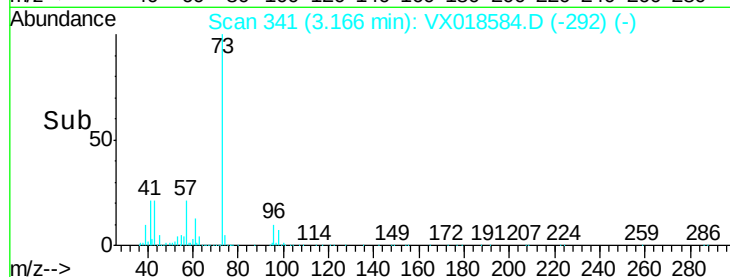
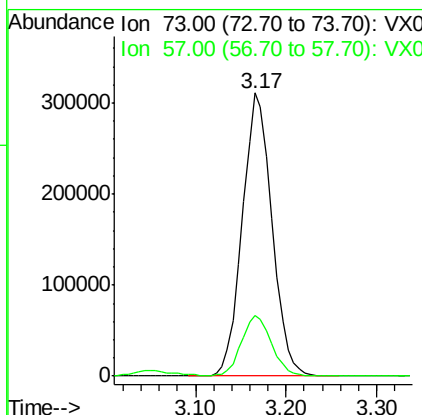
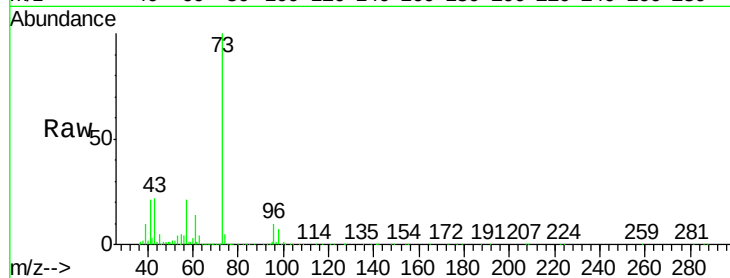
#19
Methyl tert-butyl Ether
Concen: 51.568 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.0	27.0

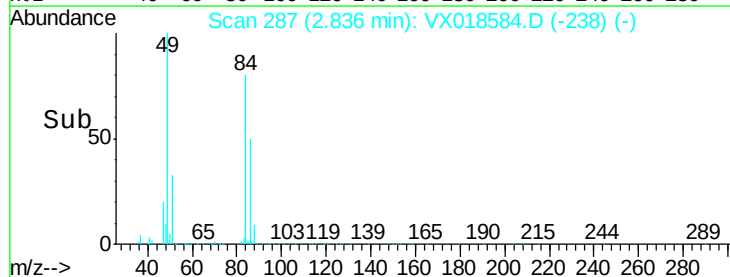
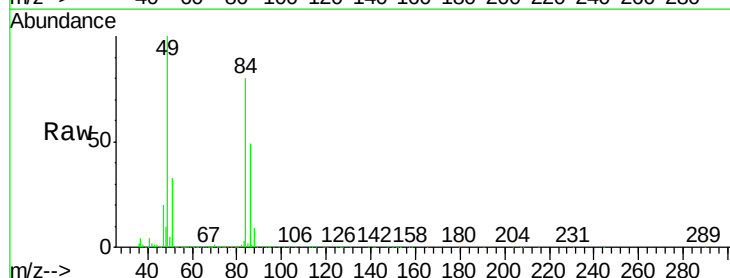
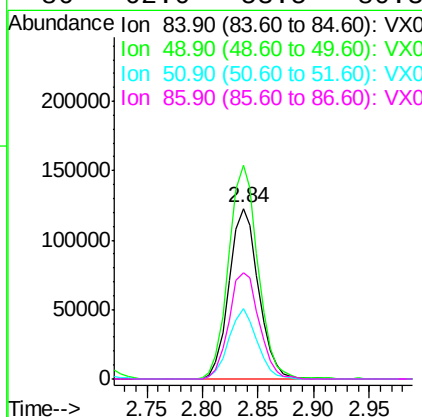
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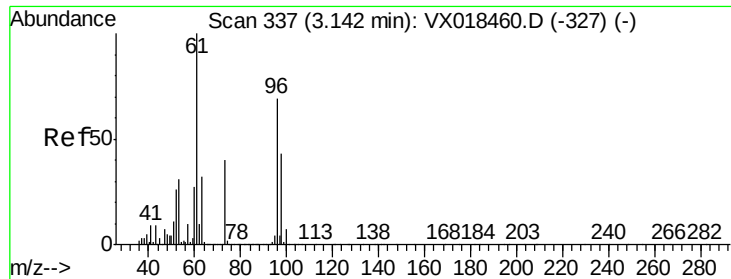
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#20
Methylene Chloride
Concen: 47.110 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.2	100.6	151.0
51	41.0	30.9	46.3
86	62.0	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 47.767 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

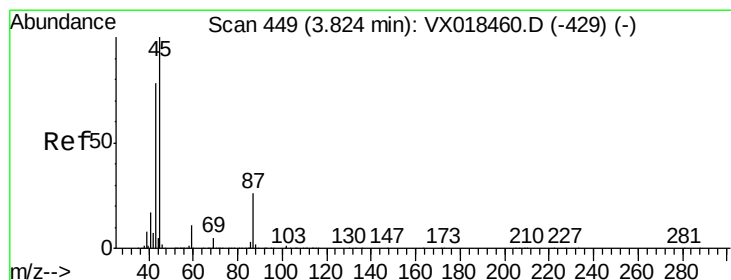
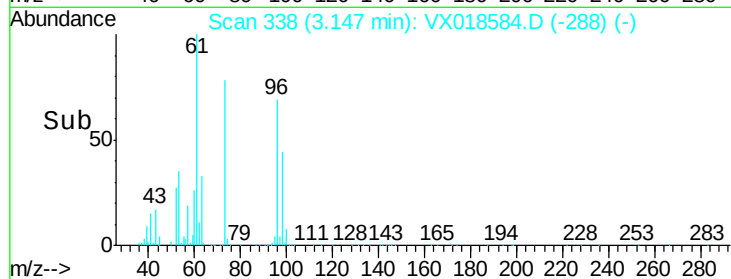
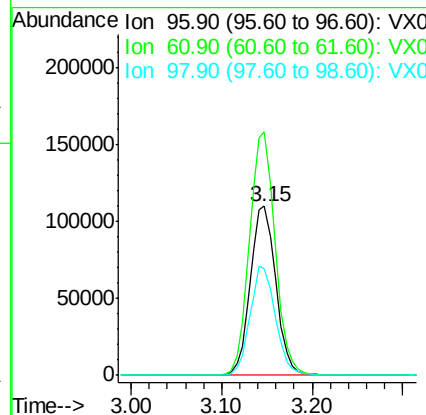
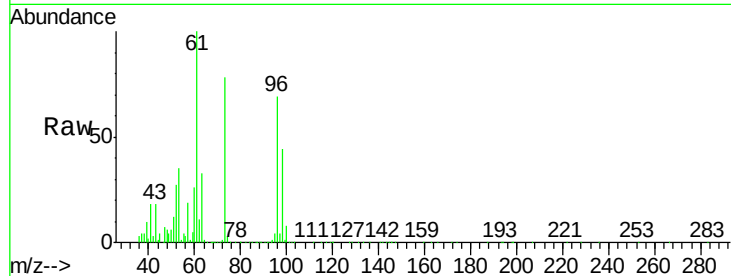
ClientSampleId :

TT180D1-20200921MSD

Tot Ion:	96	Resp:	215817
Ion Ratio	Lower	Upper	
96	100		
61	144.0	115.6	173.4
98	63.1	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.736 ug/l

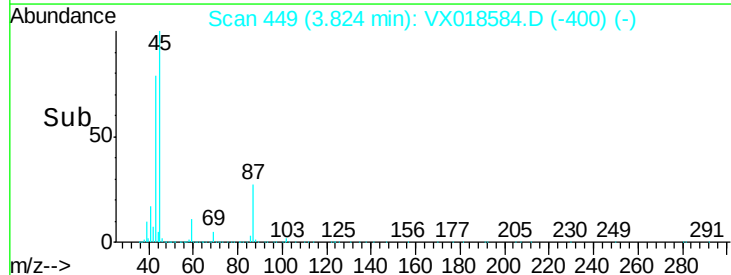
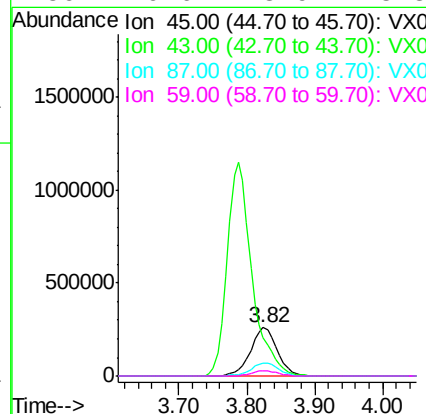
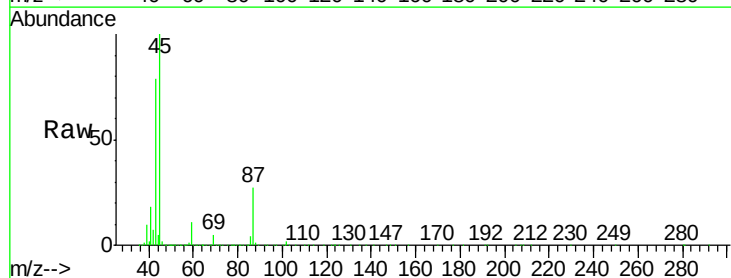
RT: 3.82 min Scan# 449

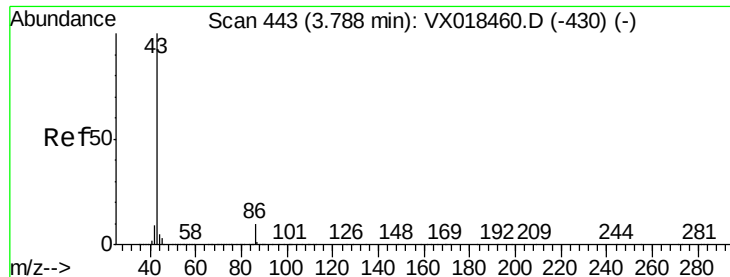
Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion:	45	Resp:	704300
Ion Ratio	Lower	Upper	
45	100		
43	78.6	62.4	93.6
87	27.1	21.2	31.8
59	10.6	8.9	13.3





#23

Vinyl Acetate

Concen: 231.854 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 43 Resp: 2909314

Ion Ratio Lower Upper

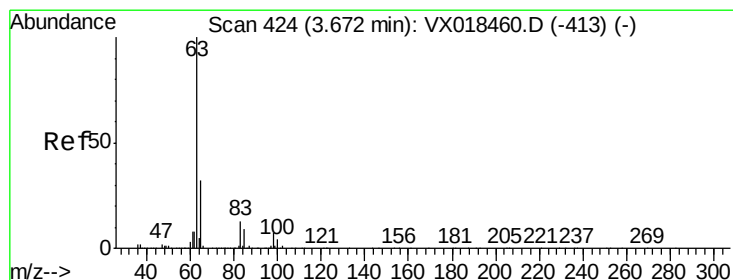
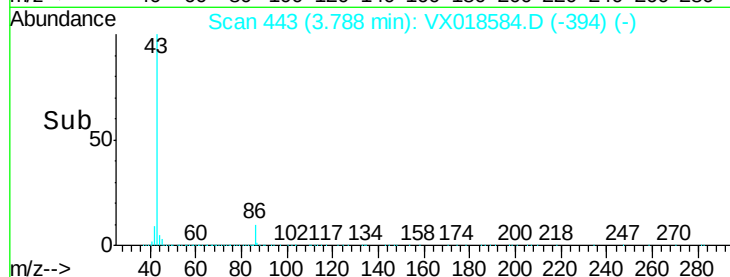
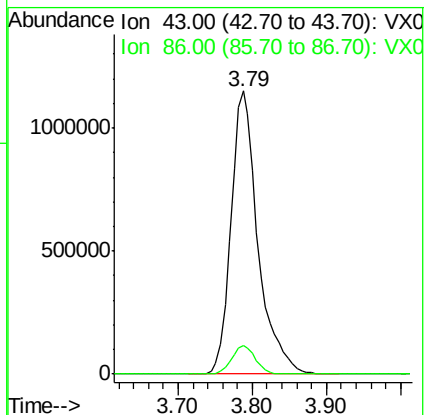
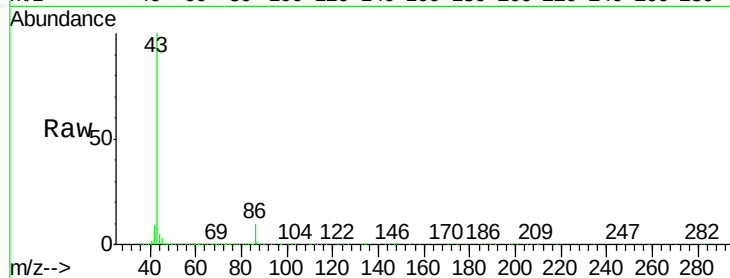
43 100

86 10.2 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 49.330 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

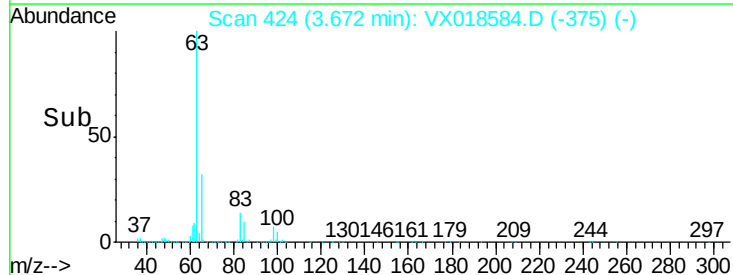
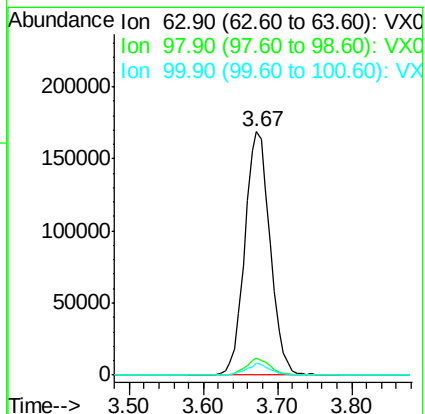
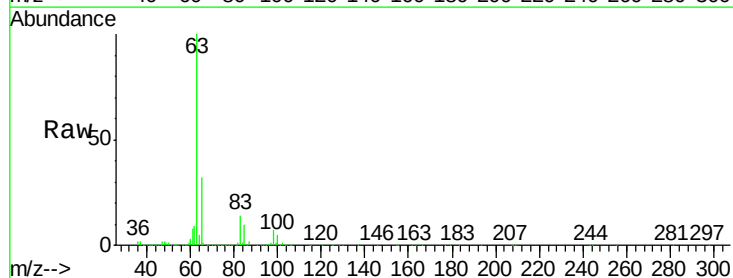
Tgt Ion: 63 Resp: 402858

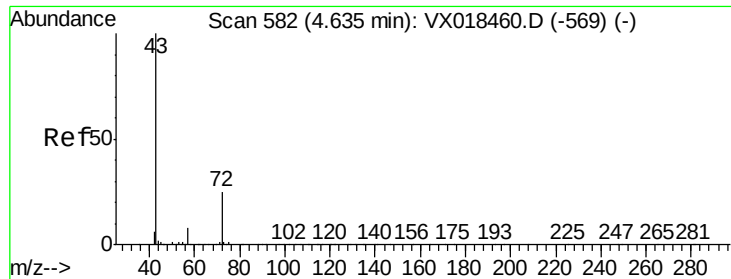
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 4.8 1.9 5.7





#25

2-Butanone

Concen: 230.222 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 43 Resp: 778628

Ion Ratio Lower Upper

43 100

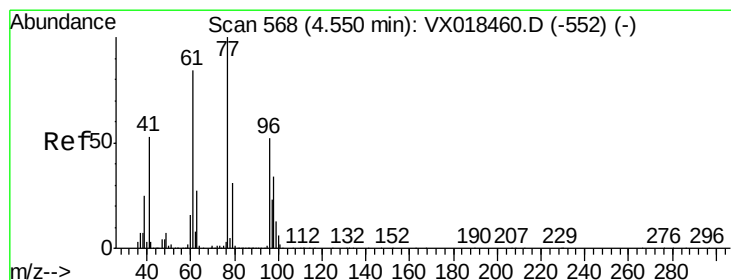
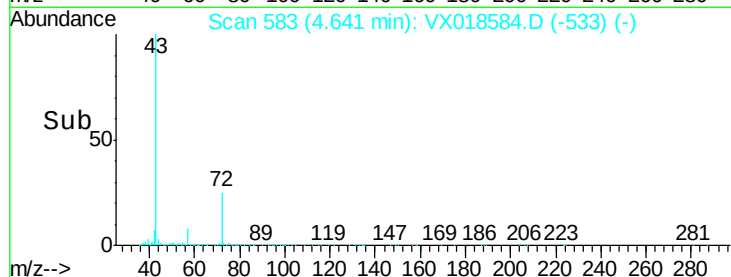
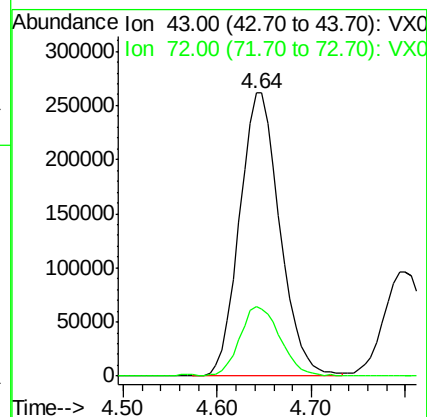
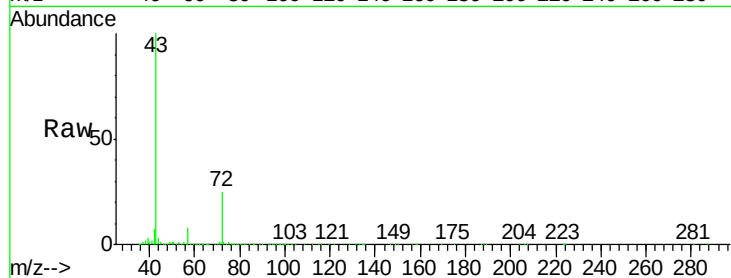
72 24.7 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.136 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018584.D

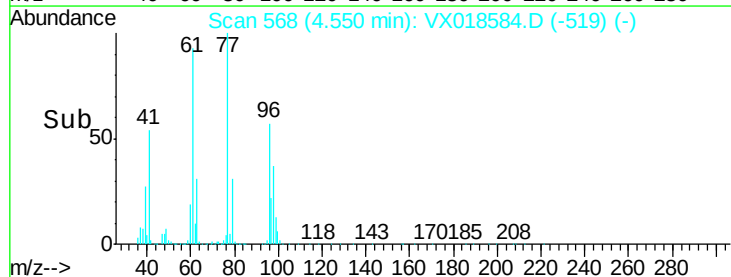
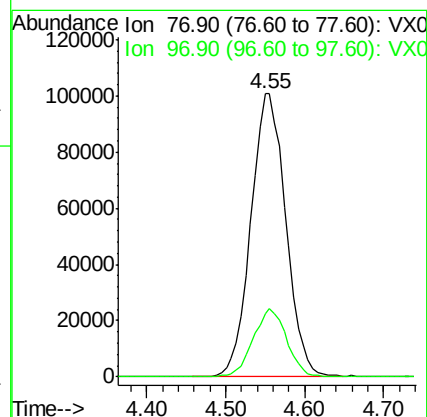
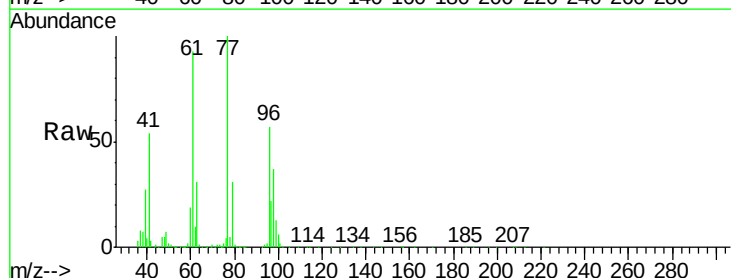
Acq: 24 Sep 2020 19:38

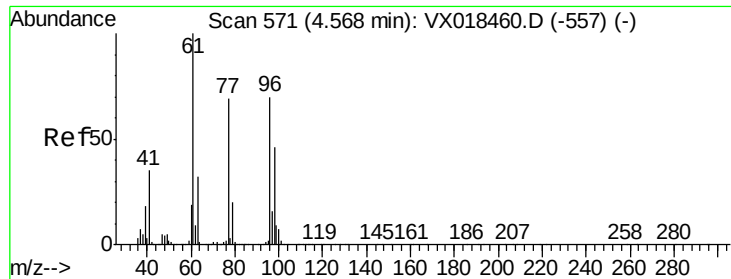
Tgt Ion: 77 Resp: 310398

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

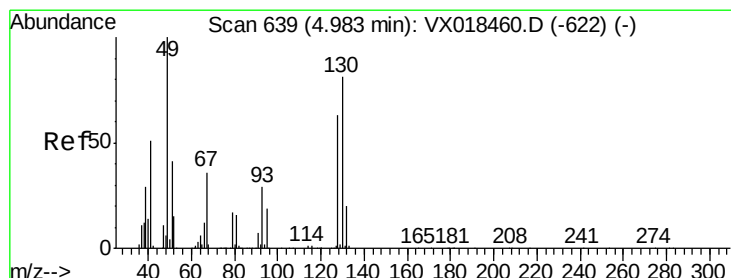
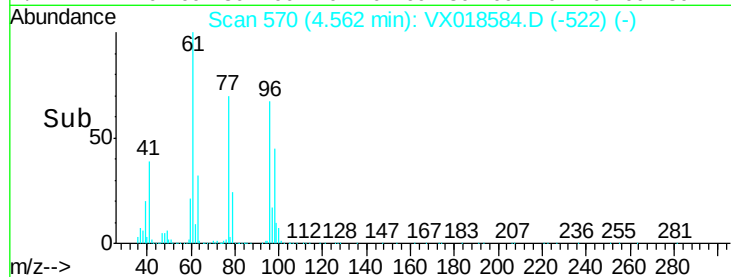
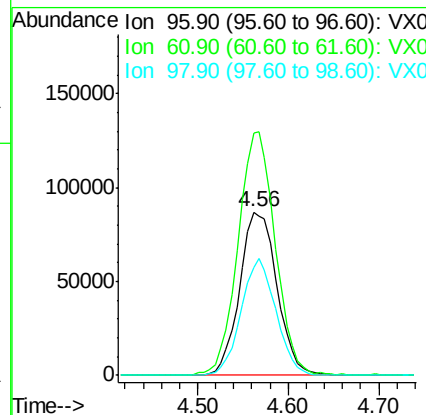
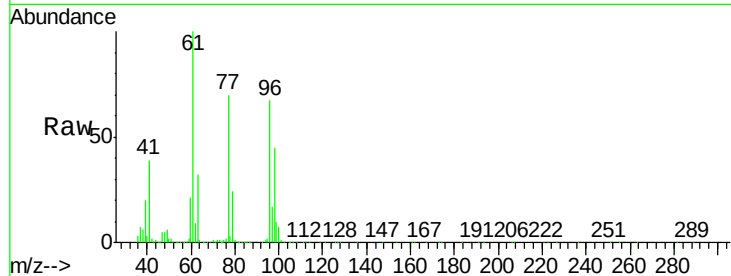
cis-1,2-Dichloroethene
Concen: 49.101 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	248651		
61	149.2	0.0	300.0	
98	67.1	0.0	130.4	

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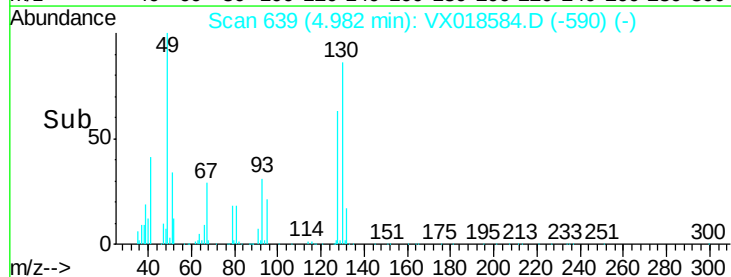
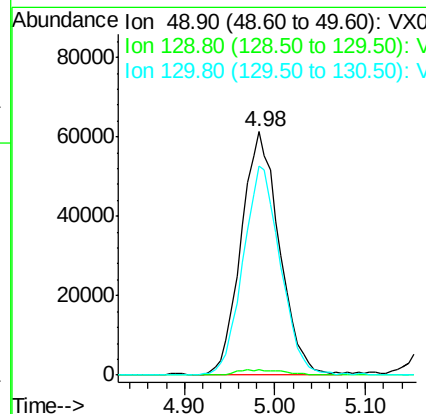
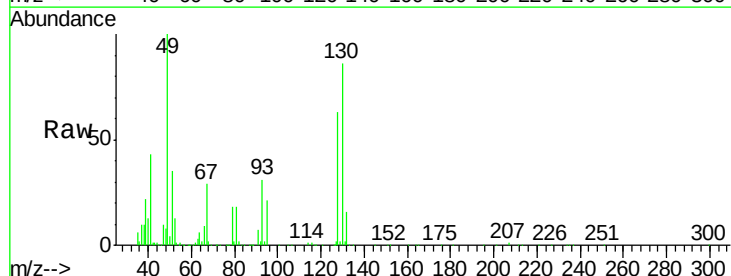
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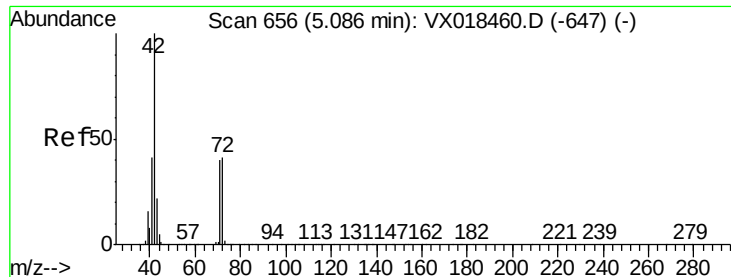


#28

Bromochloromethane
Concen: 46.370 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	177205		
129	2.7	0.0	4.6	
130	85.0	65.0	97.4	





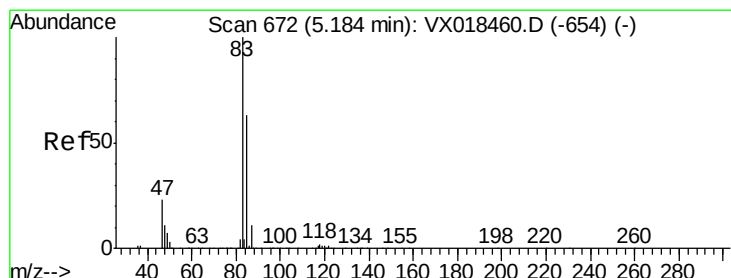
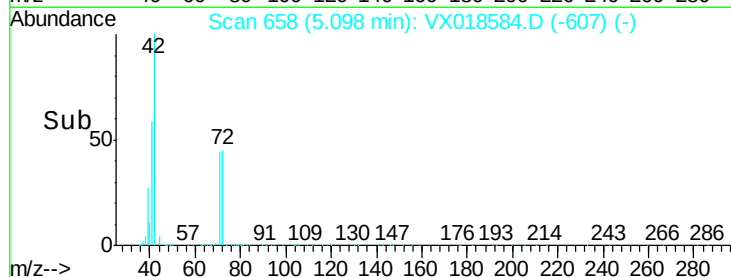
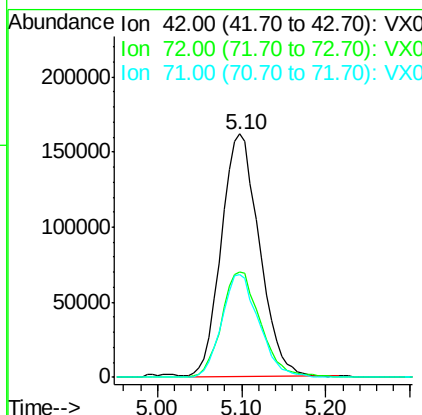
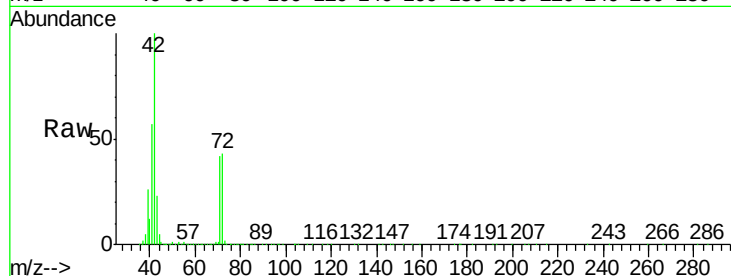
#29
Tetrahydrofuran
Concen: 233.621 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	44.4	34.3	51.5
71	41.6	32.1	48.1

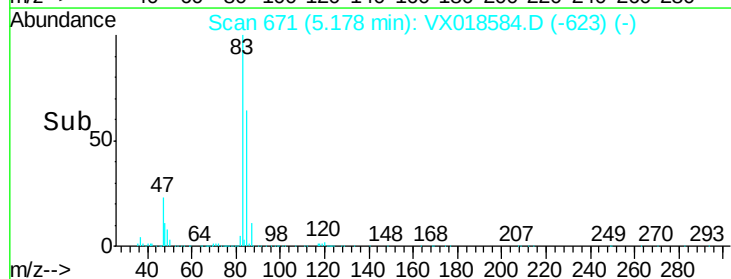
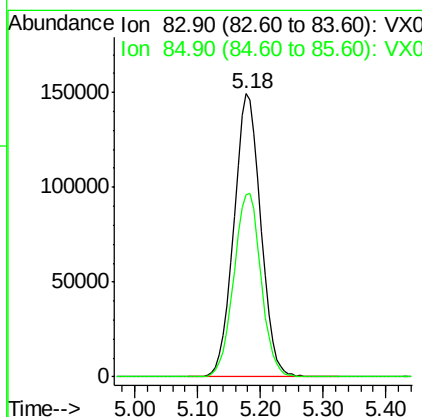
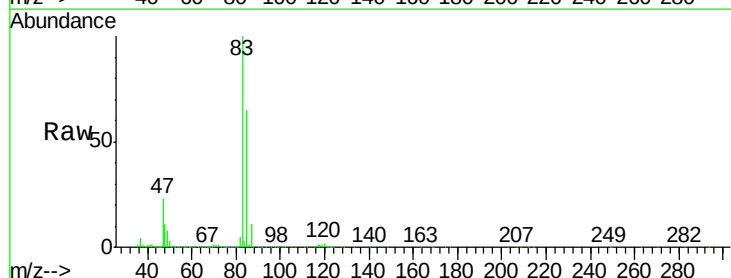
Manual Integrations
APPROVED

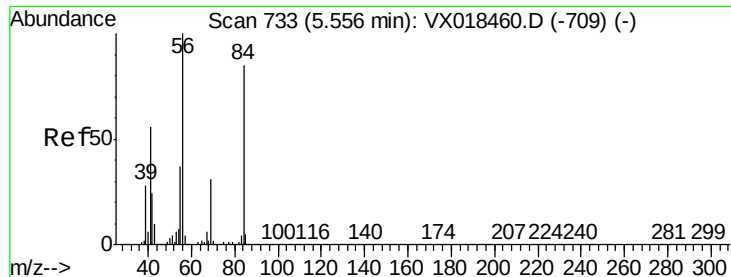
MMDadoda
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#30
Chloroform
Concen: 53.343 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.4	50.6	76.0





#31

Cyclohexane

Concen: 47.046 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

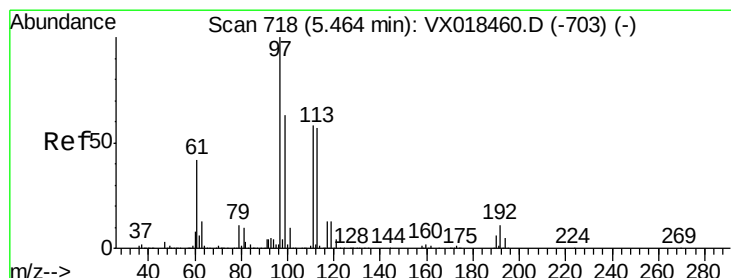
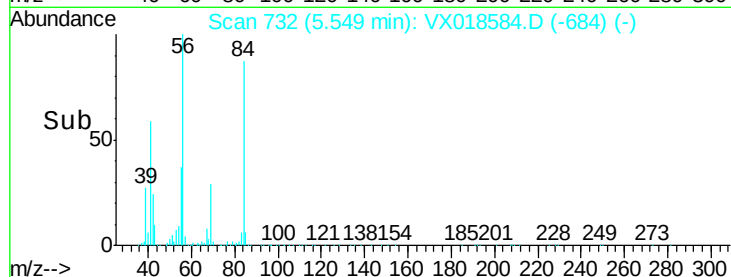
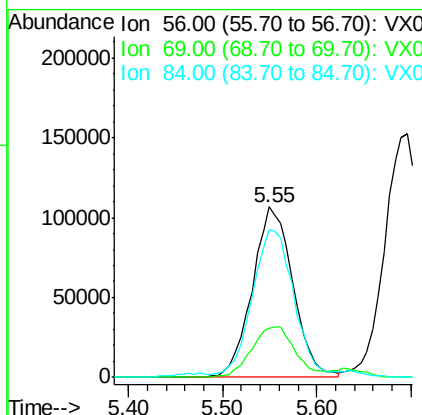
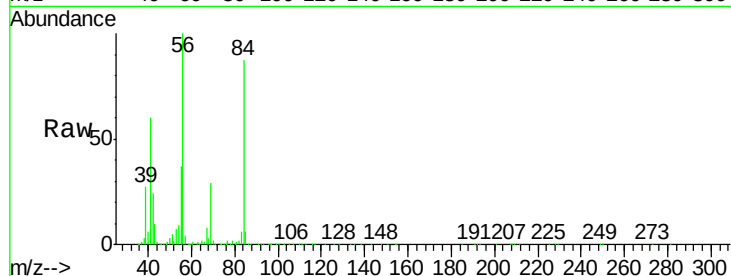
ClientSampleId :

TT180D1-20200921MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100				
69	28.9	24.8	37.2		
84	84.0	67.6	101.4		

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.330 ug/l

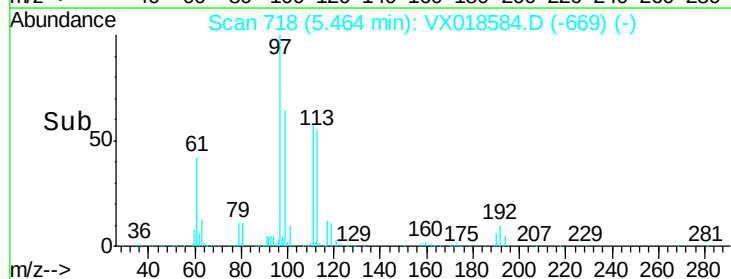
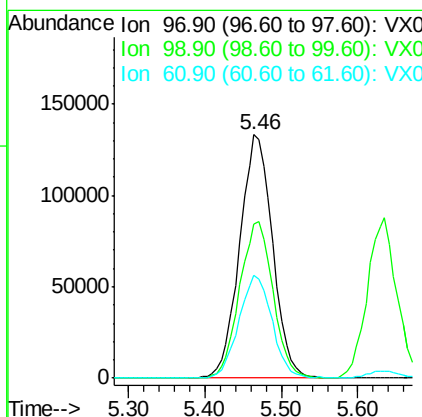
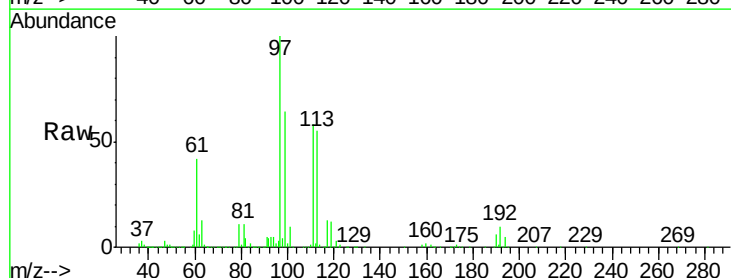
RT: 5.46 min Scan# 718

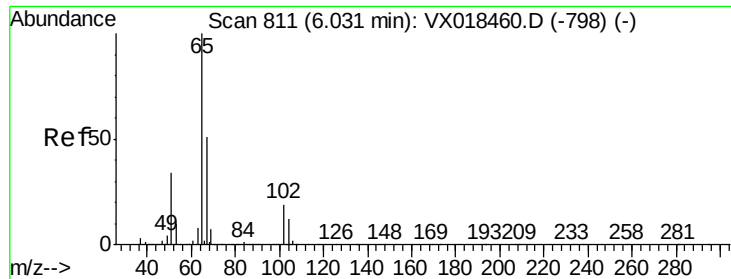
Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
99	65.3	50.5	75.7		
61	42.5	33.4	50.2		





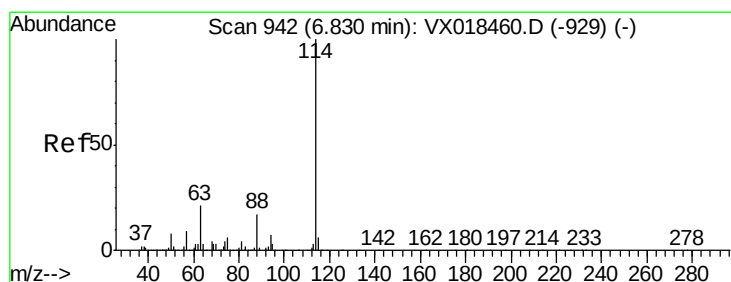
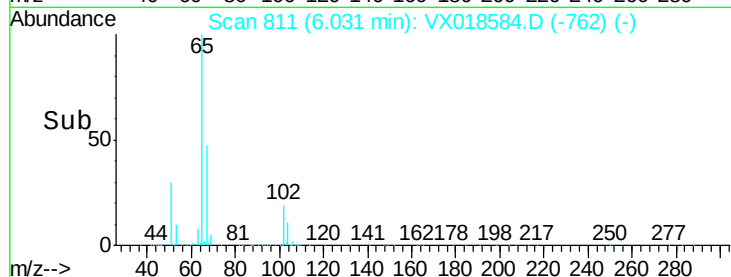
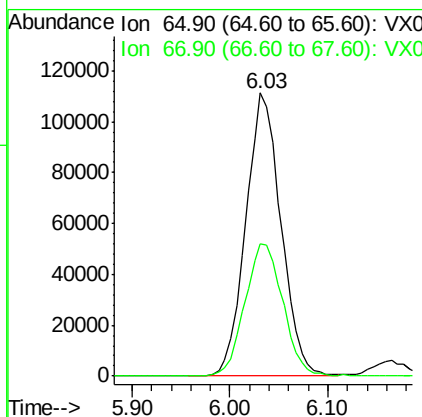
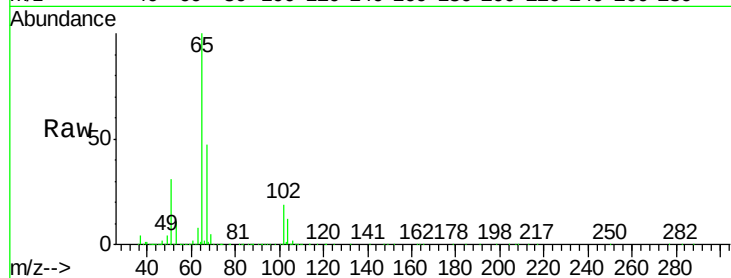
#33
 1,2-Dichloroethane-d4
 Concen: 48.939 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	277915		
67	50.7	0.0	105.6	

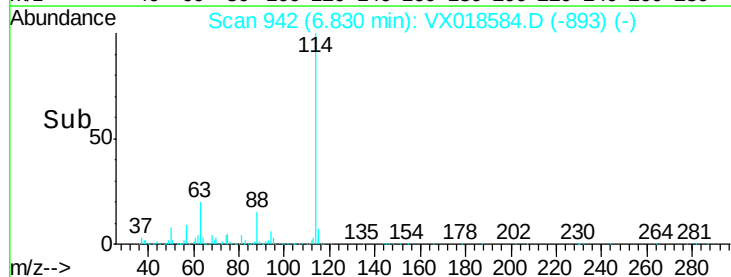
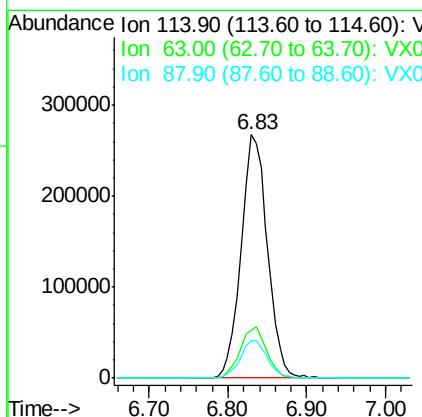
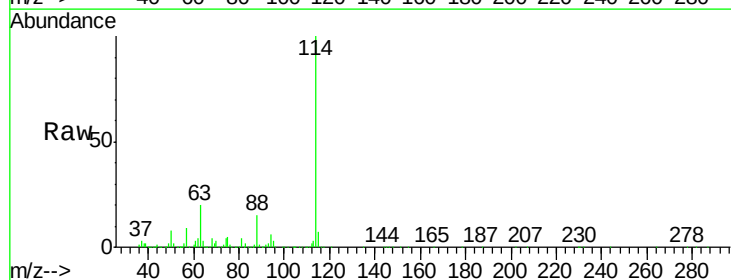
Manual Integrations
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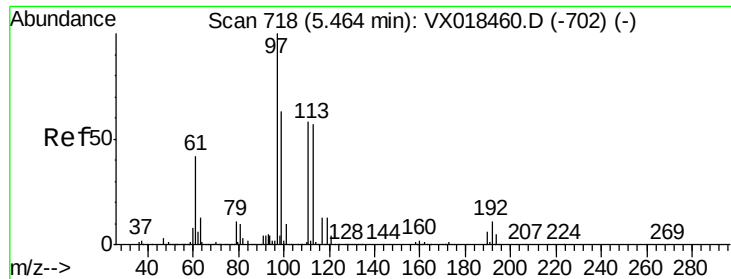
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	621533		
63	19.8	0.0	42.8	
88	15.5	0.0	33.6	





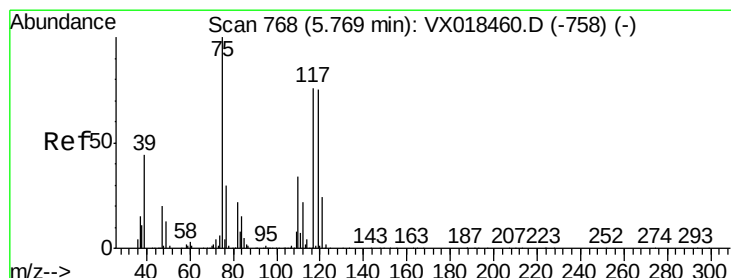
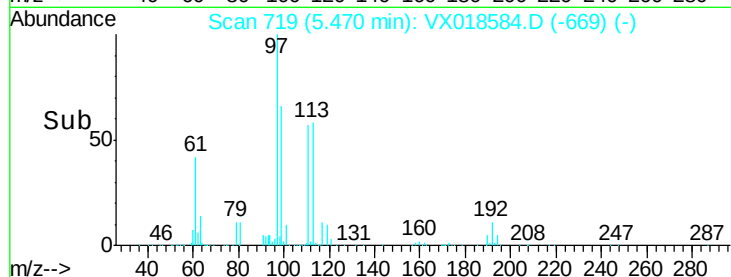
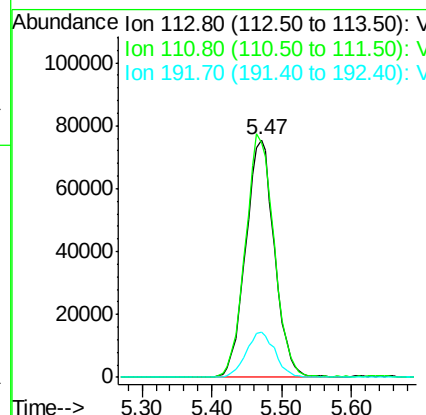
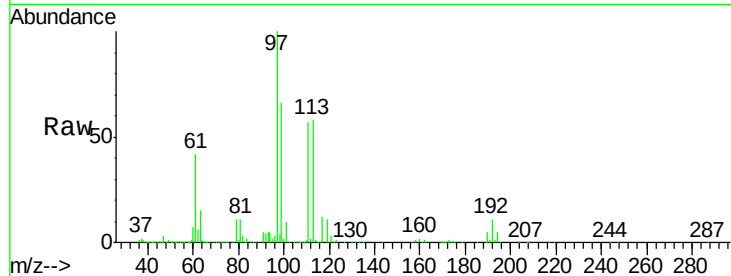
#35
 Dibromofluoromethane
 Concen: 50.203 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	215708		
111	102.3	81.4	122.2	
192	19.2	16.6	24.8	

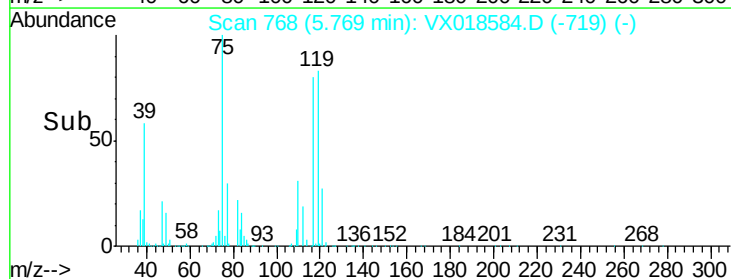
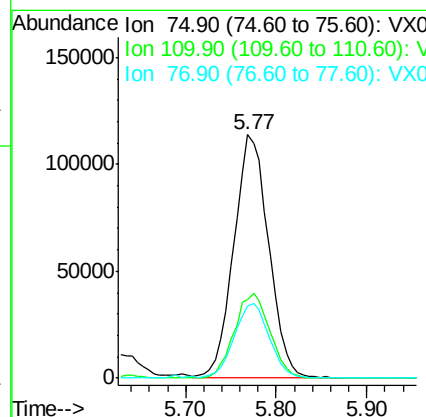
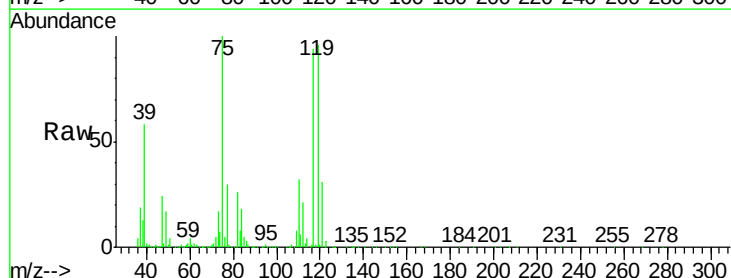
Manual Integrations
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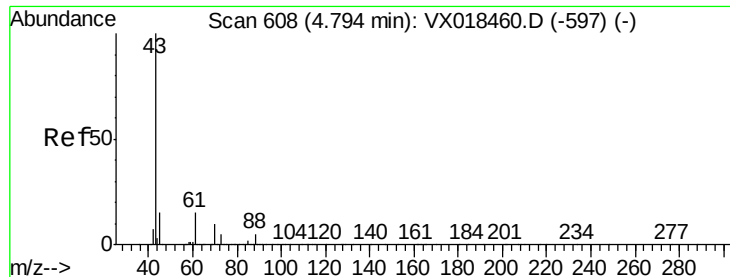
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#36
 1,1-Dichloropropene
 Concen: 50.235 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	303052		
110	35.9	17.6	52.8	
77	30.9	25.0	37.6	





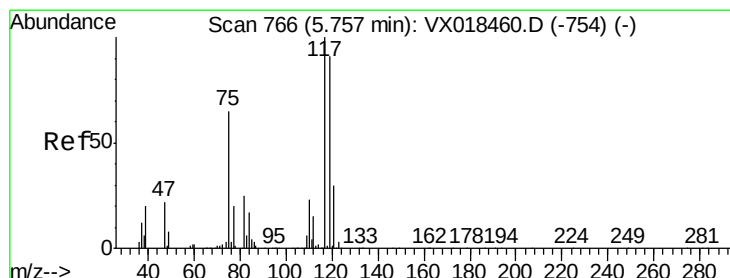
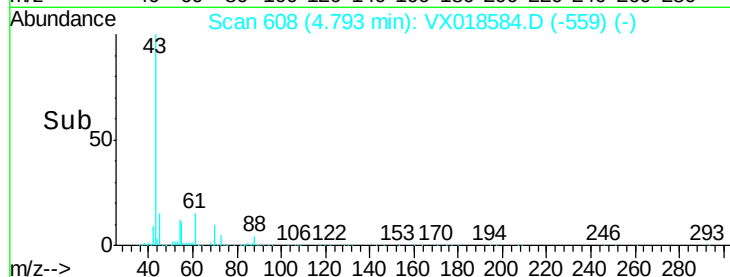
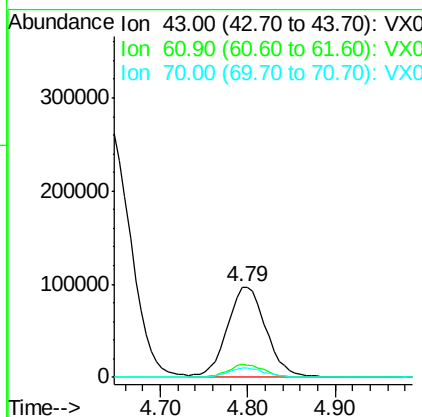
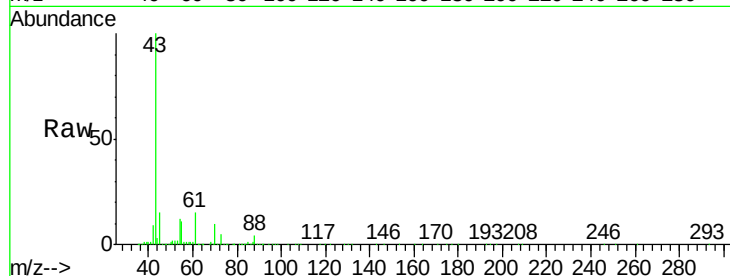
#37
Ethyl Acetate
Concen: 45.977 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	43	Resp	296185
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	10.2	8.3	12.5

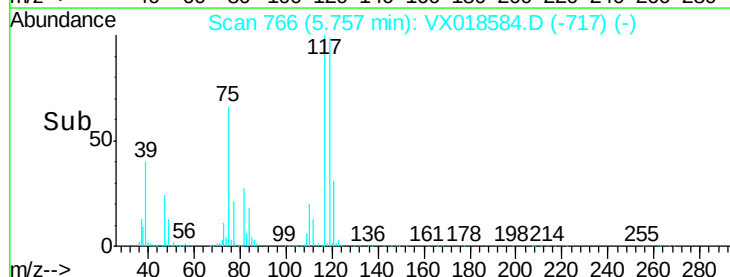
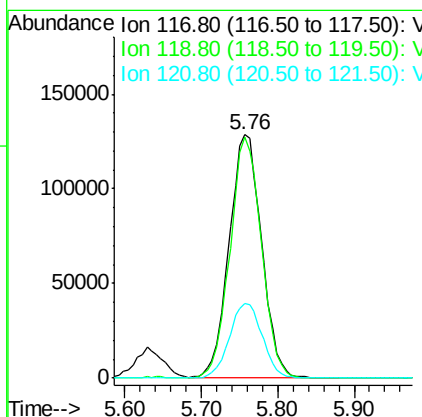
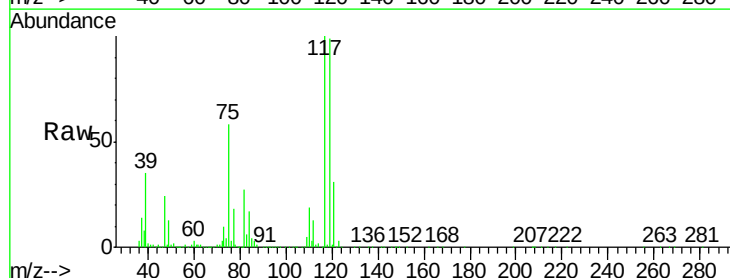
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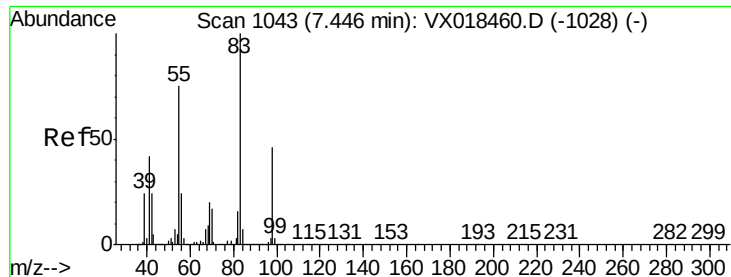
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#38
Carbon Tetrachloride
Concen: 56.613 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	117	Resp	378242
Ion Ratio	Lower	Upper	
117	100		
119	98.9	72.3	108.5
121	30.8	23.8	35.8





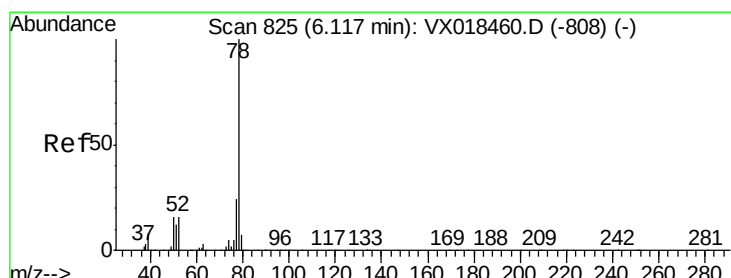
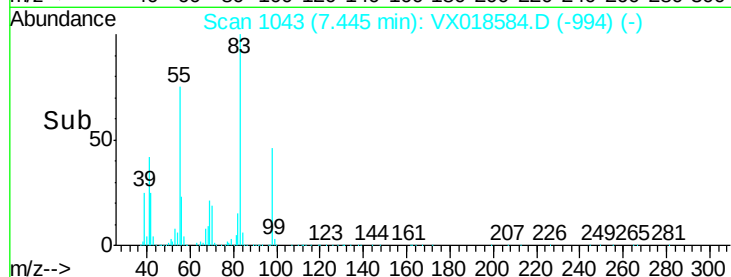
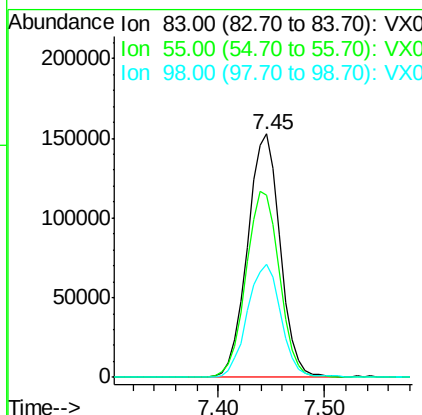
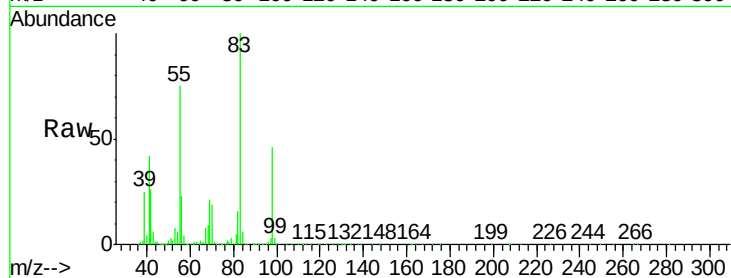
#39
Methylvlcyclohexane
Concen: 48.453 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	83	Resp	328392
Ion Ratio	Lower	Upper	
83	100		
55	75.0	60.2	90.4
98	46.3	36.4	54.6

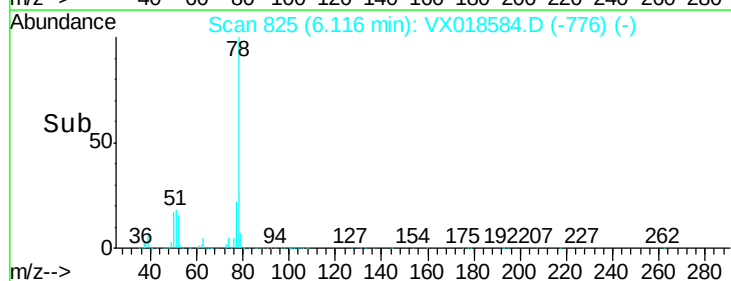
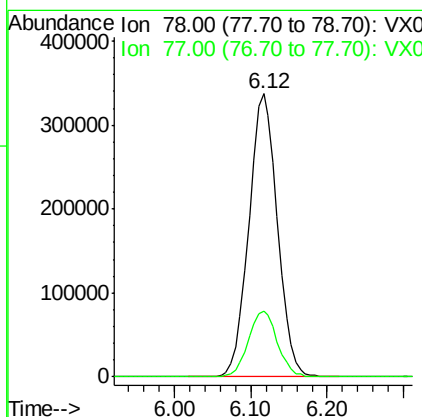
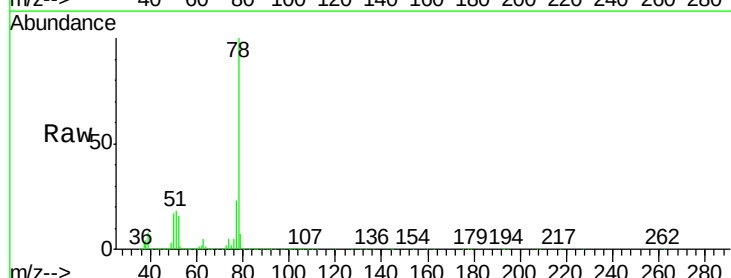
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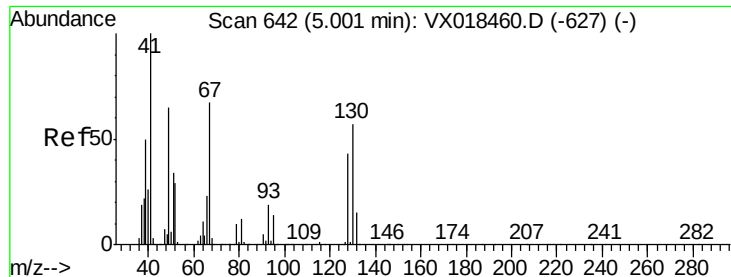
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#40
Benzene
Concen: 50.785 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	78	Resp	878005
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.0	28.4





#41

Methacrylonitrile

Concen: 47.952 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 41 Resp: 171647

Ion Ratio Lower Upper

41 100

39 57.7 45.3 67.9

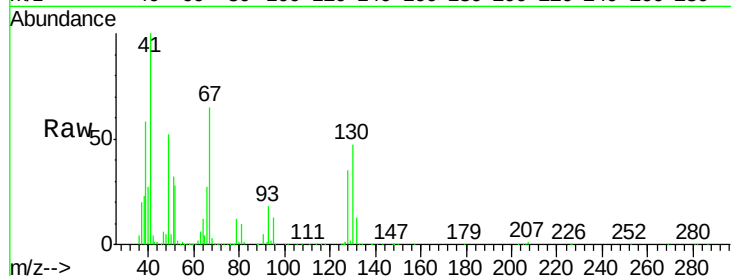
67 70.6 56.7 85.1

52 30.0 23.4 35.0

Manual Integrations
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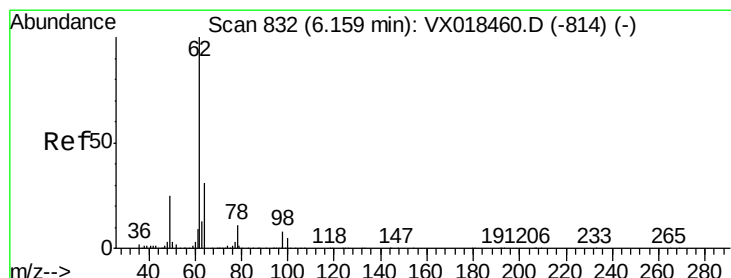
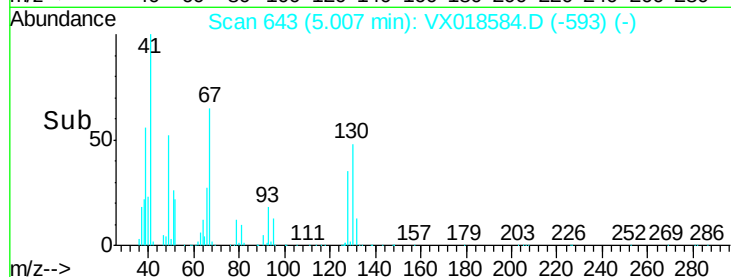
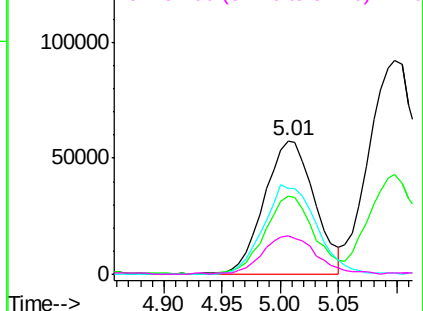


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.851 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018584.D

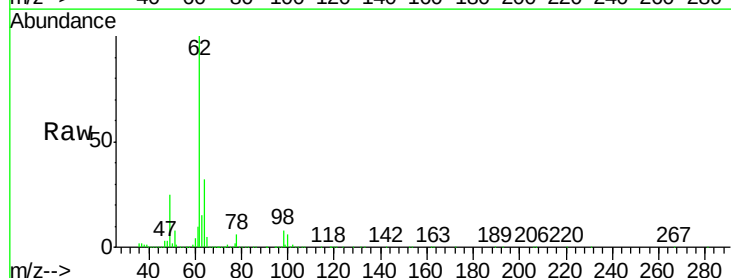
Acq: 24 Sep 2020 19:38

Tgt Ion: 62 Resp: 362197

Ion Ratio Lower Upper

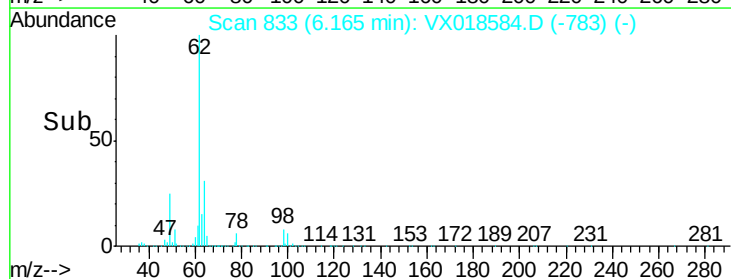
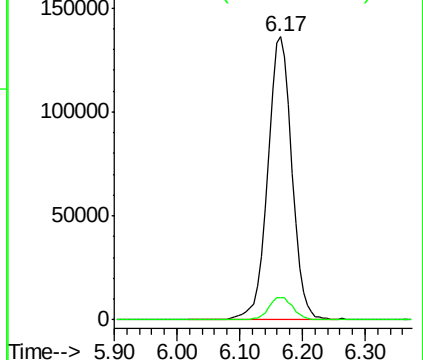
62 100

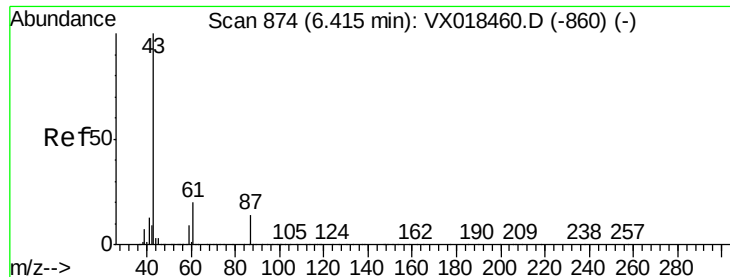
98 8.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.152 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

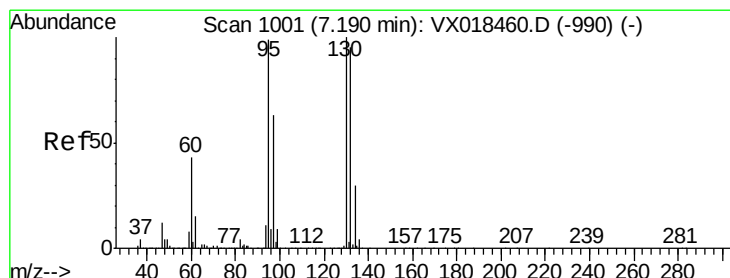
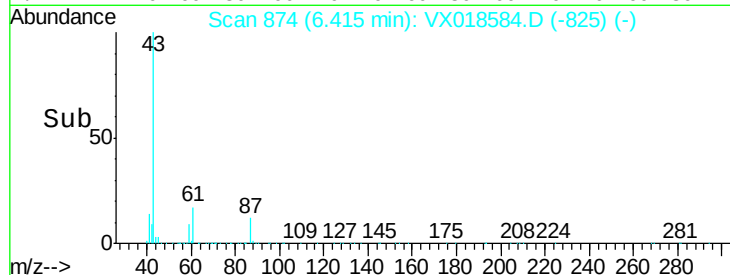
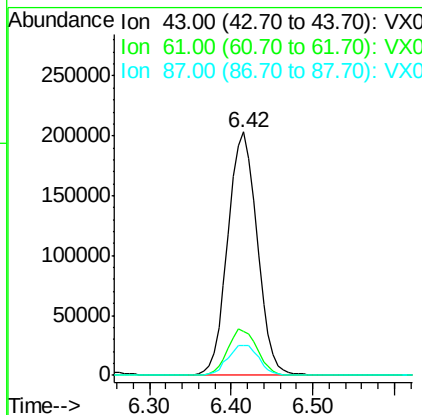
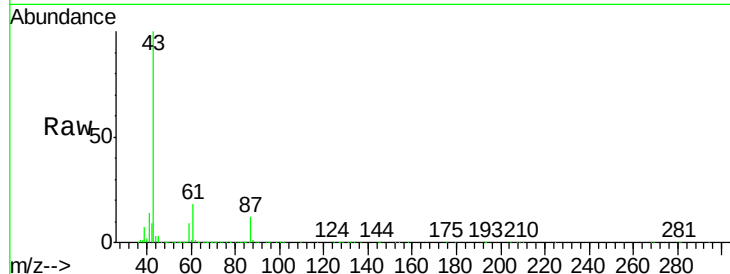
ClientSampleId :

TT180D1-20200921MSD

Tot Ion:	43	Resp:	504058
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.7	23.5
87	13.0	10.4	15.6

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#44

Trichloroethene

Concen: 342.558 ug/l

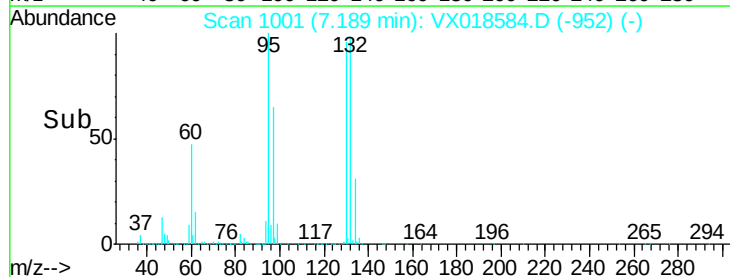
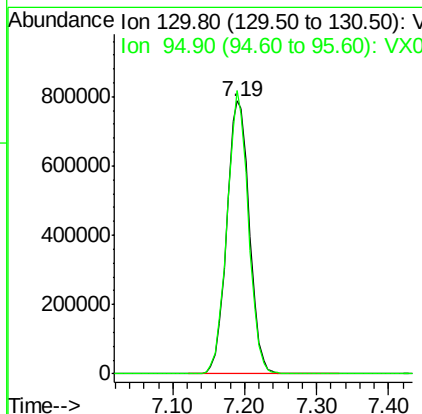
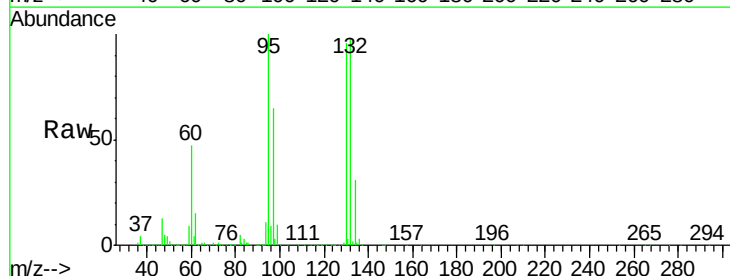
RT: 7.19 min Scan# 1001

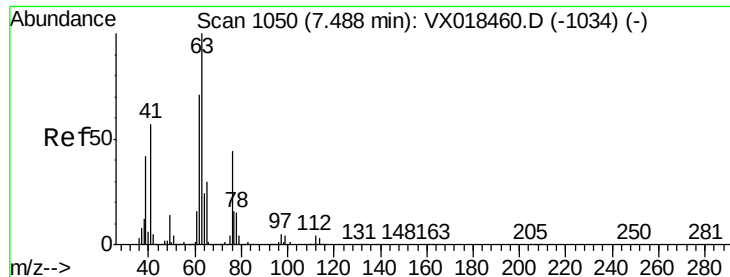
Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion:	130	Resp:	1714443
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	197.4





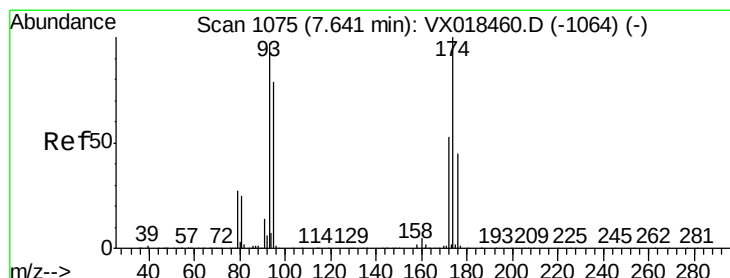
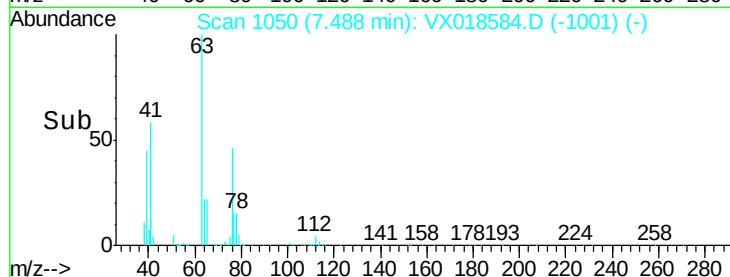
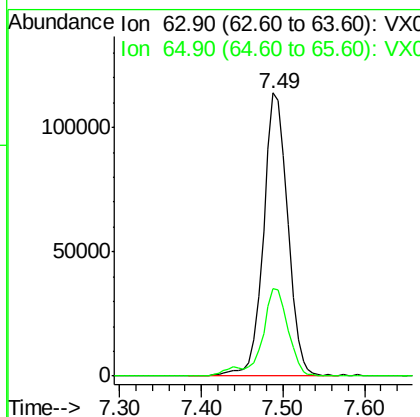
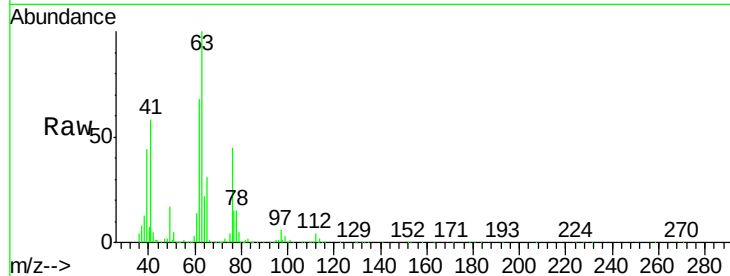
#45
 1,2-Dichloropropane
 Concen: 49.879 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.1	36.1

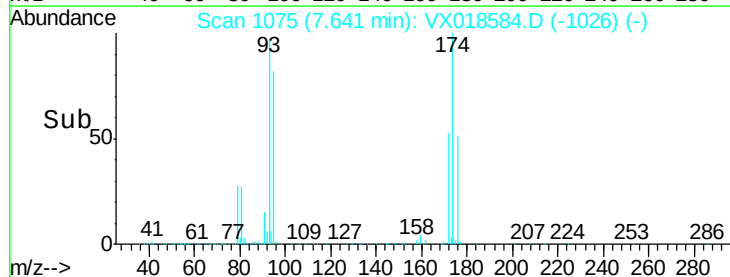
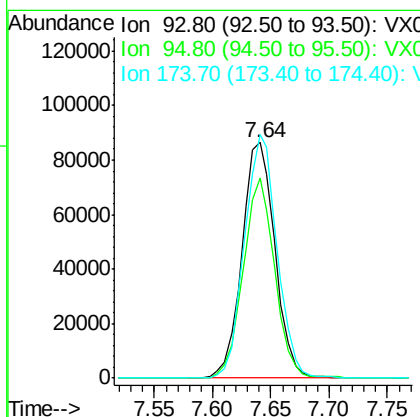
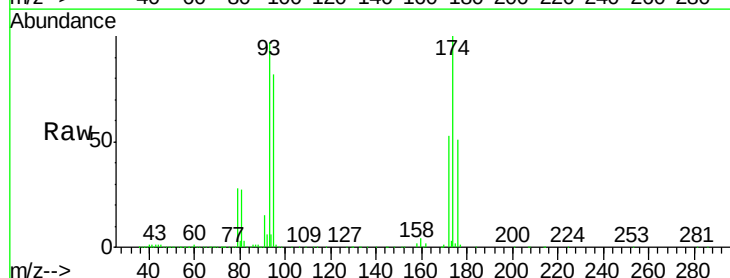
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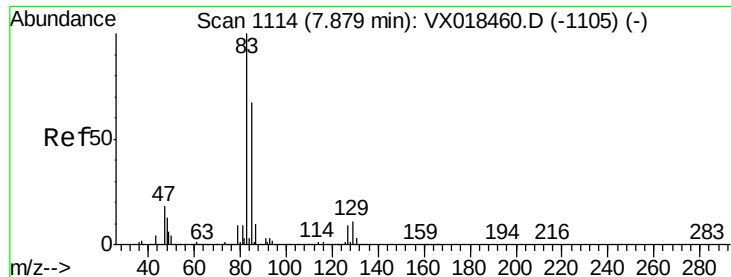
MMDadoda
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#46
 Dibromomethane
 Concen: 52.077 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.0	97.4
174	102.6	82.0	123.0





#47

Bromodichloromethane

Concen: 53.259 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

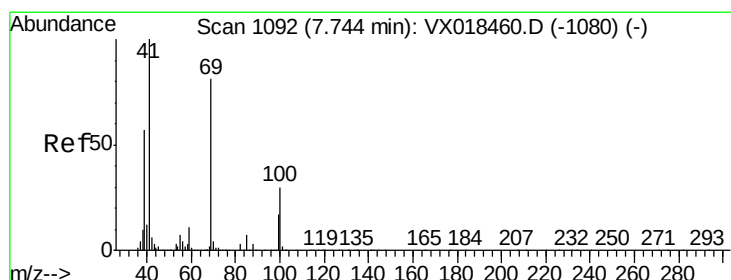
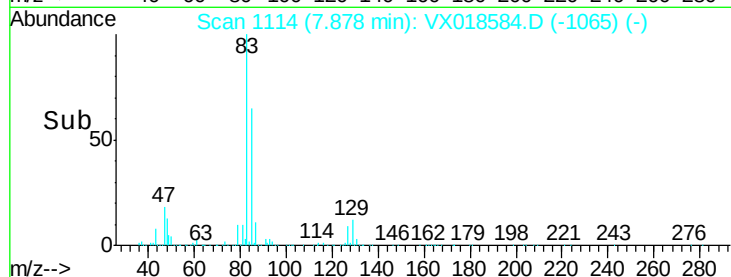
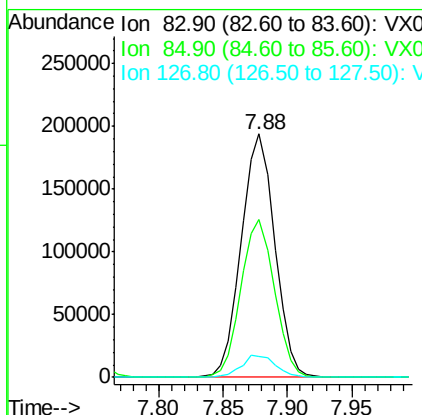
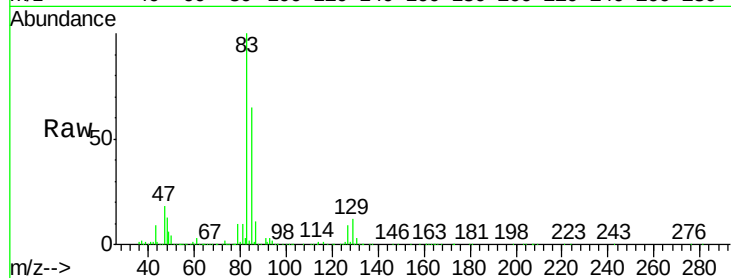
ClientSampleId :

TT180D1-20200921MSD

Tot Ion:	83	Resp:	349931
Ion Ratio	Lower	Upper	
83	100		
85	64.7	53.3	79.9
127	8.6	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.818 ug/l

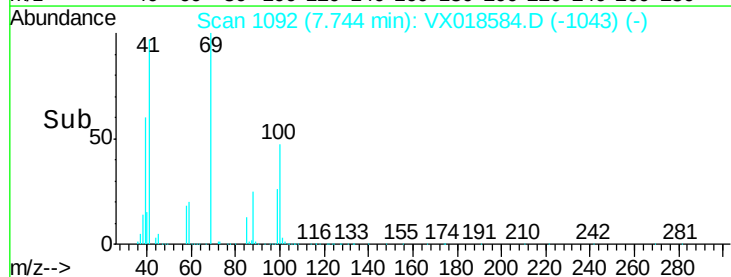
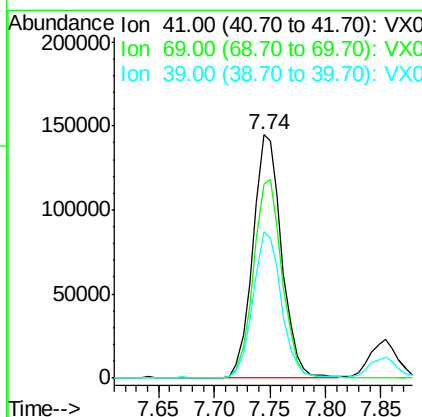
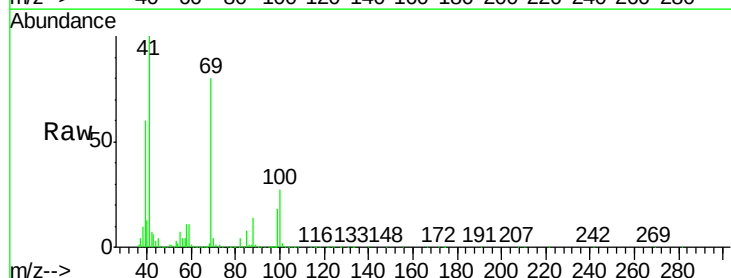
RT: 7.74 min Scan# 1092

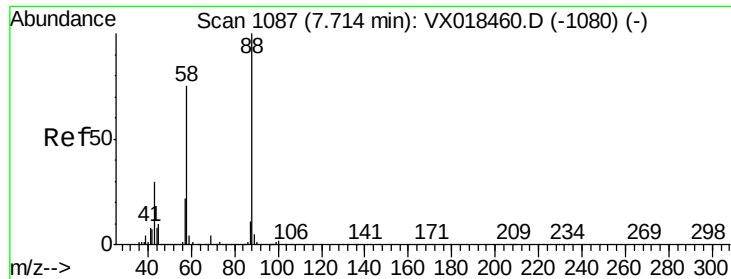
Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion:	41	Resp:	259217
Ion Ratio	Lower	Upper	
41	100		
69	81.9	63.7	95.5
39	59.7	45.0	67.4





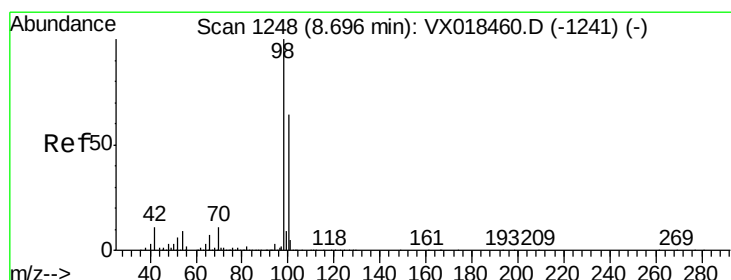
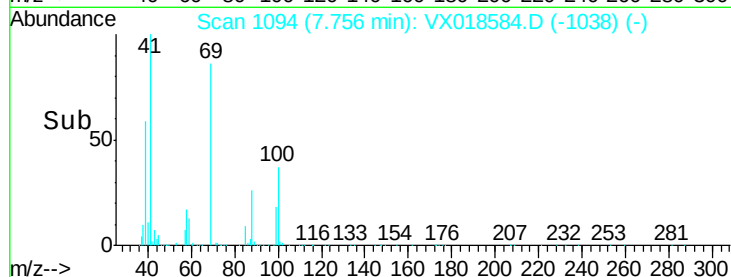
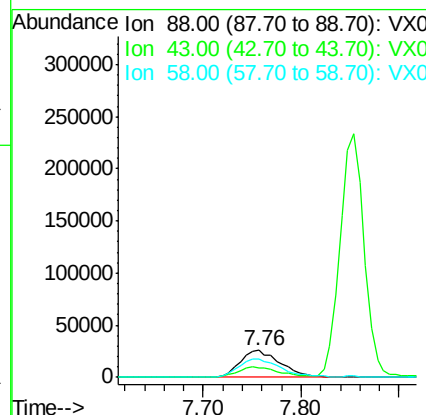
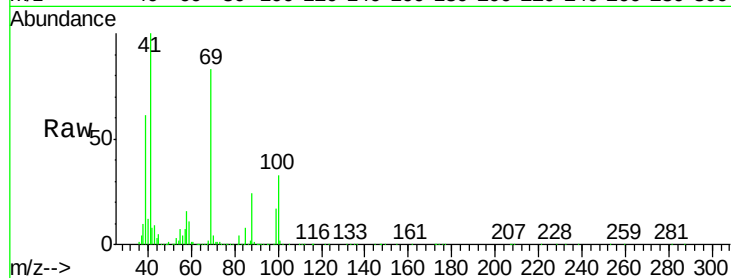
#49
1,4-Dioxane
Concen: 858.470 ug/l
RT: 7.76 min Scan# 1094
Delta R.T. 0.04 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	29.9	44.9
58	72.4	59.0	88.6

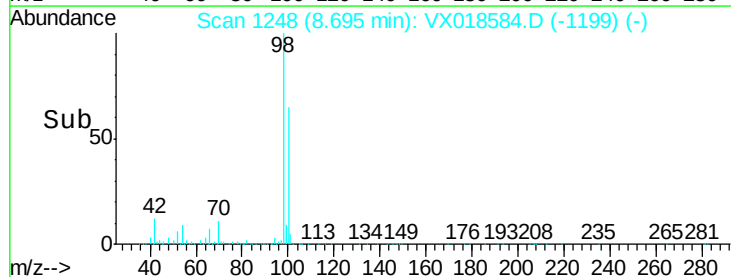
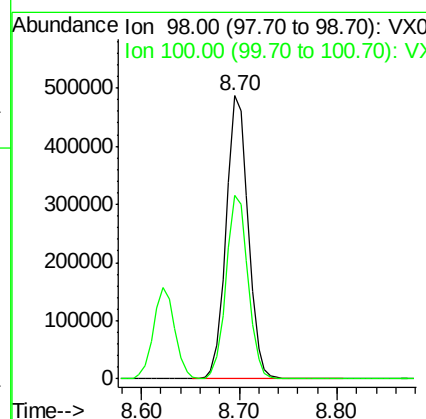
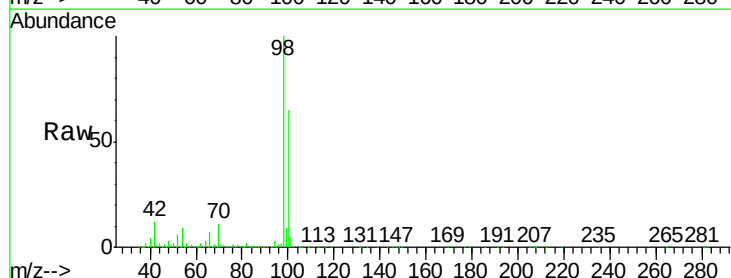
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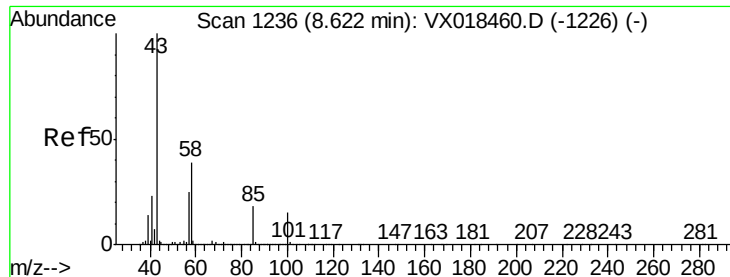
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#50
Toluene-d8
Concen: 48.571 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 249.440 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 43 Resp: 1587689

Ion Ratio Lower Upper

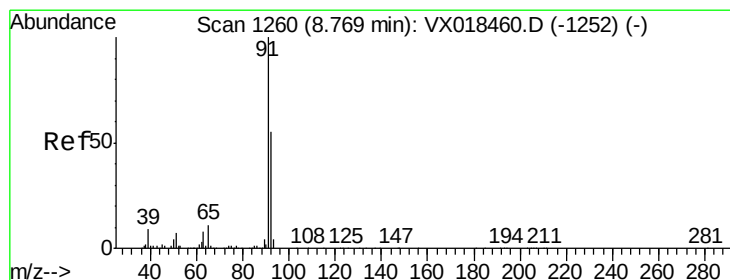
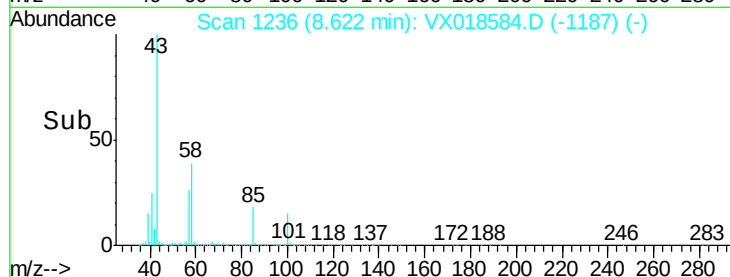
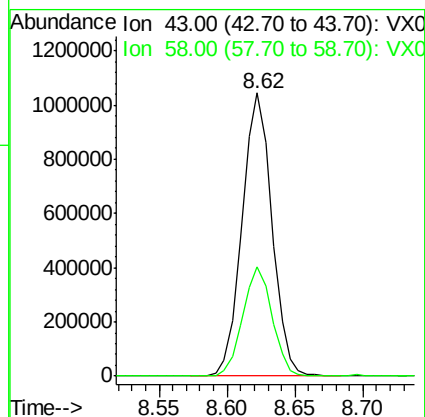
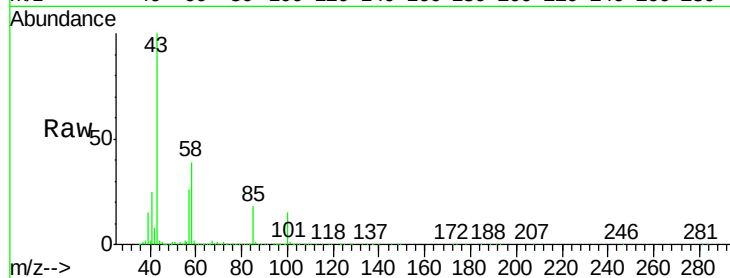
43 100

58 38.1 30.9 46.3

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#52

Toluene

Concen: 51.979 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018584.D

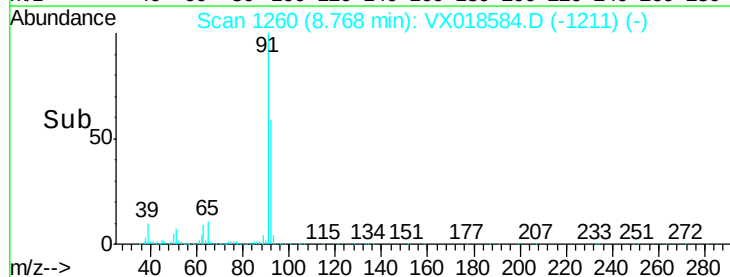
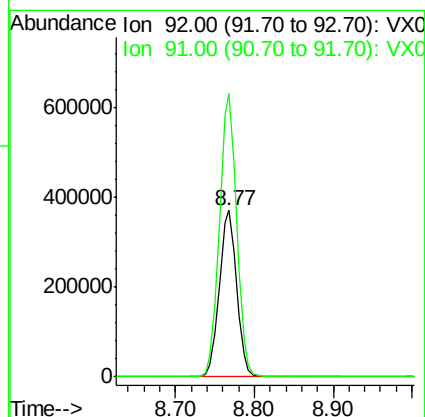
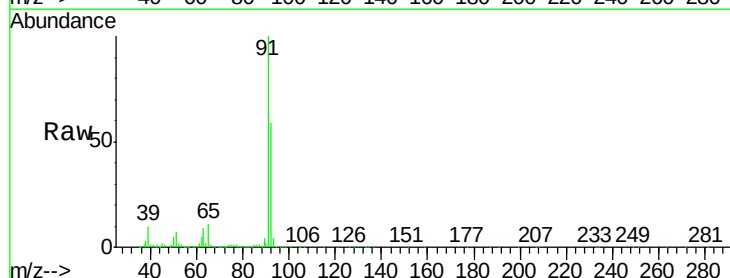
Acq: 24 Sep 2020 19:38

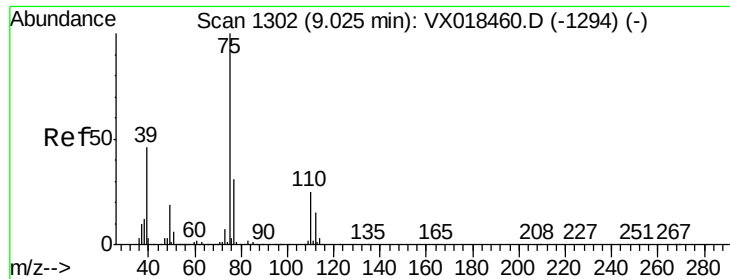
Tgt Ion: 92 Resp: 565497

Ion Ratio Lower Upper

92 100

91 170.6 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 50.061 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 75 Resp: 373744

Ion Ratio Lower Upper

75 100

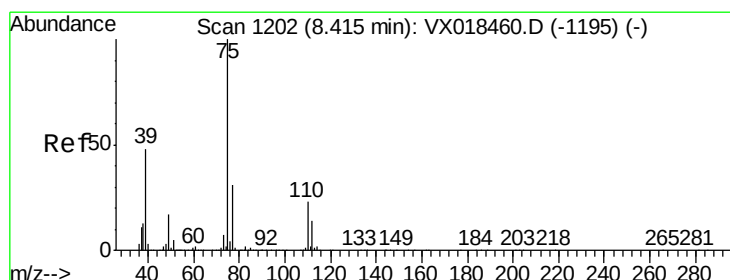
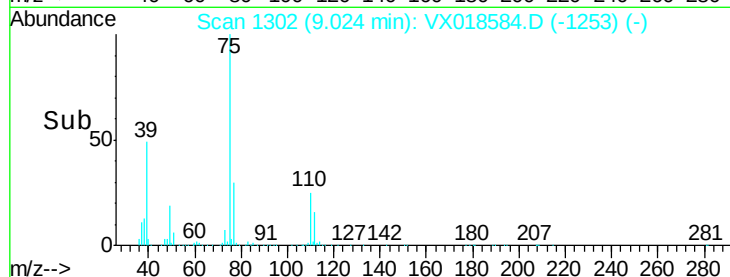
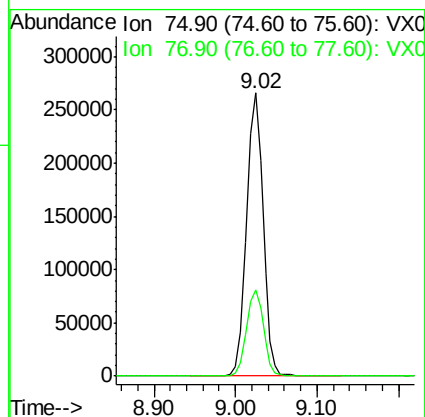
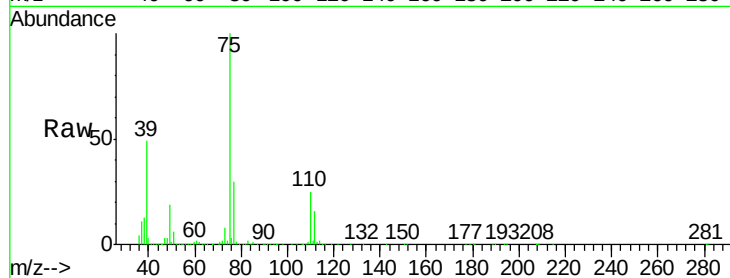
77 30.5 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 48.466 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

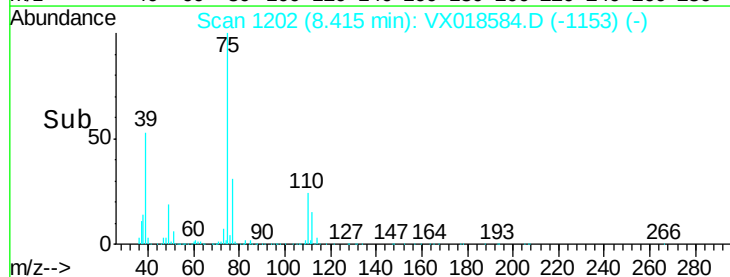
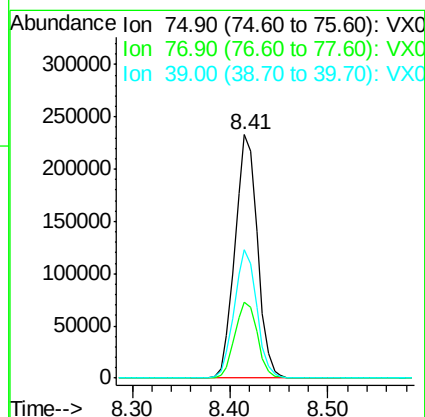
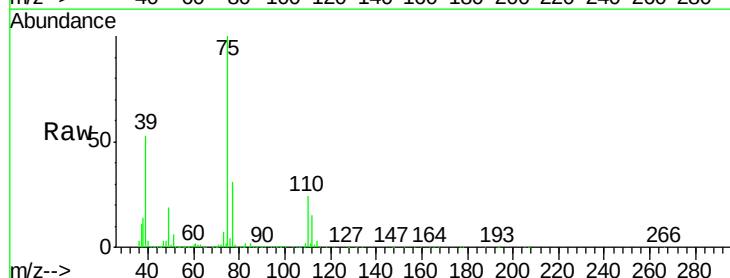
Tgt Ion: 75 Resp: 372762

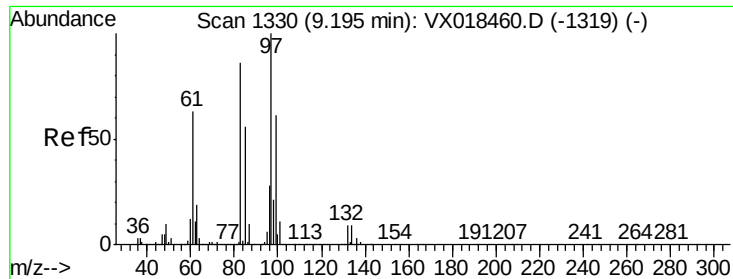
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 52.6 38.6 58.0





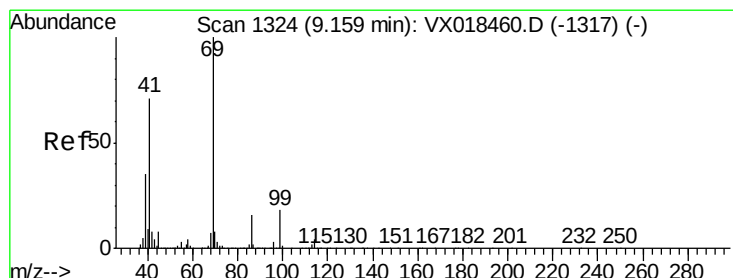
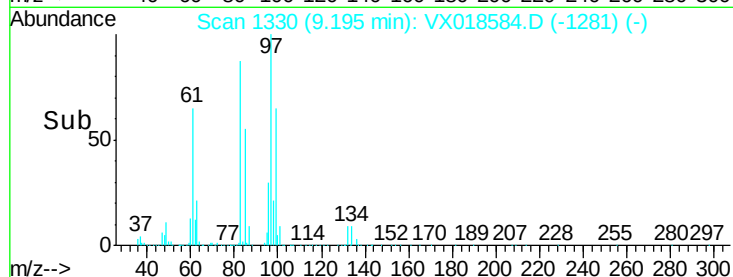
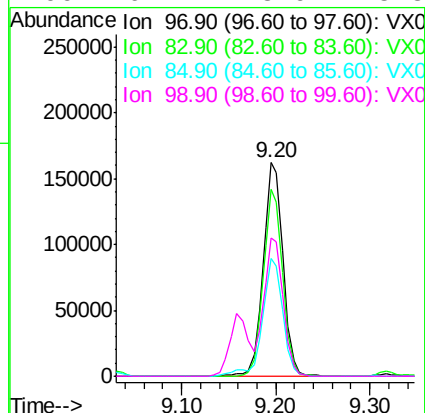
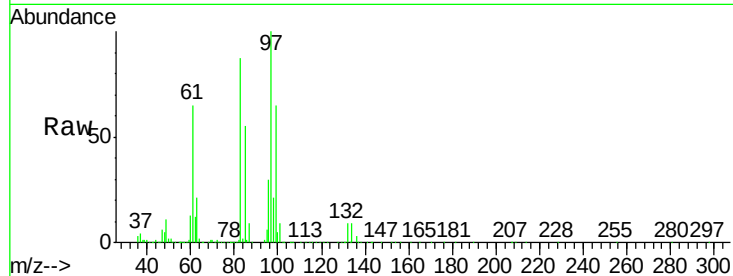
#55
1,1,2-Trichloroethane
Concen: 53.201 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		240169		
83	87.3	68.5	102.7		
85	55.0	44.8	67.2		
99	64.7	48.9	73.3		

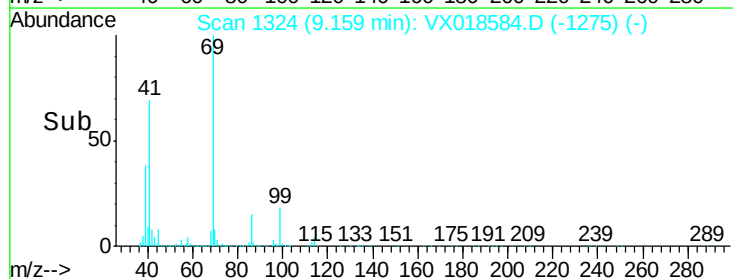
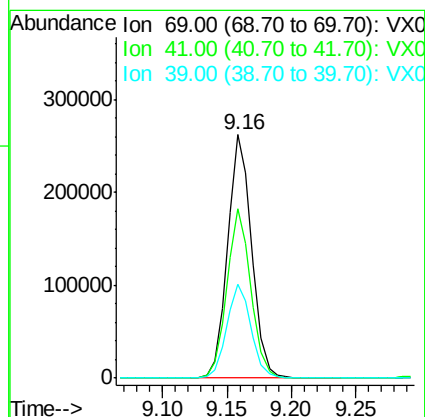
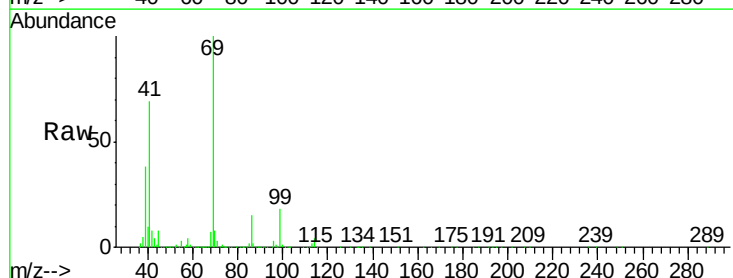
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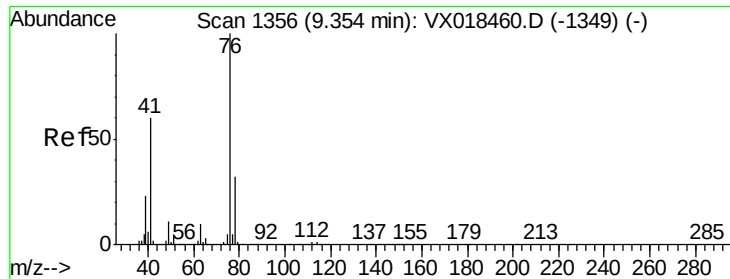
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#56
Ethyl methacrylate
Concen: 51.526 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		344899		
41	69.2	54.6	81.8		
39	38.9	29.3	43.9		





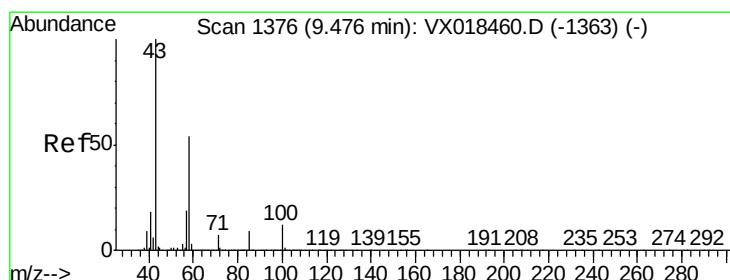
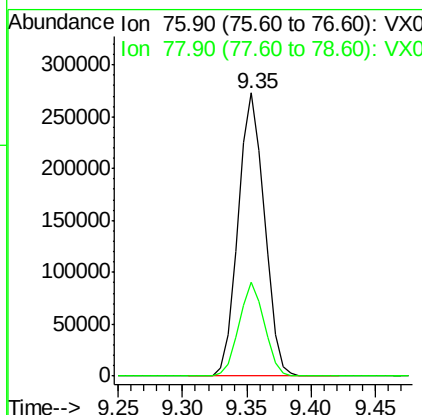
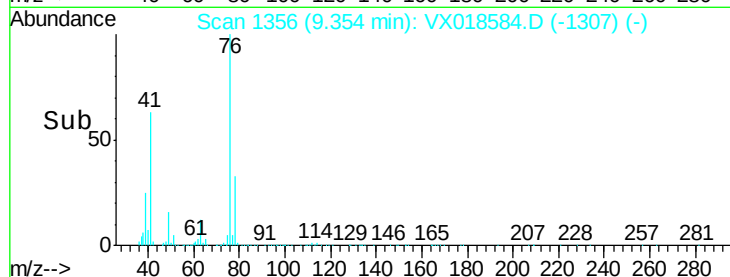
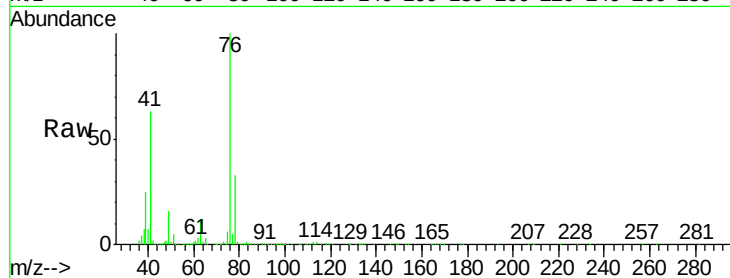
#57
 1,3-Dichloropropane
 Concen: 51.132 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

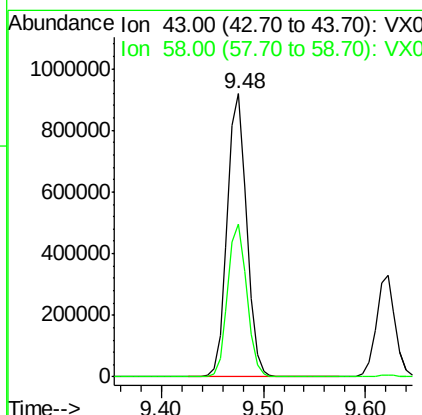
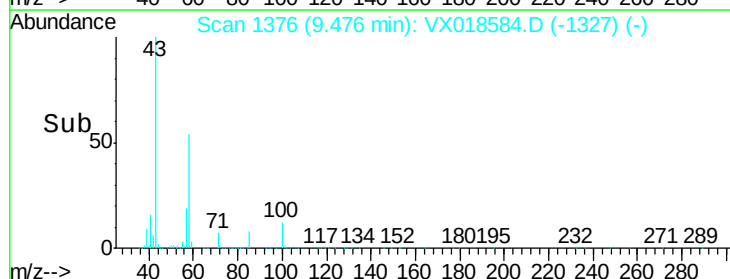
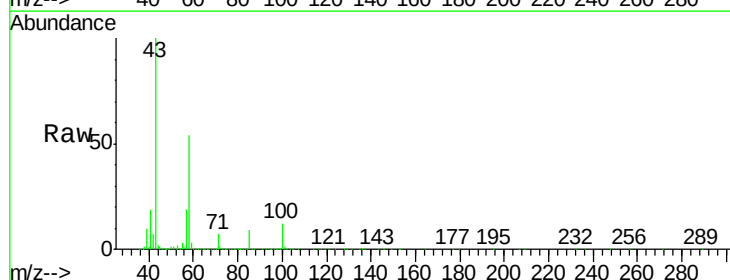
Manual Integrations
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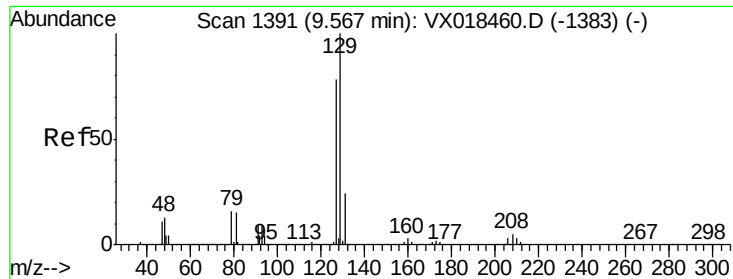
MMDadoda
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#59
 2-Hexanone
 Concen: 249.132 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.5	79.4





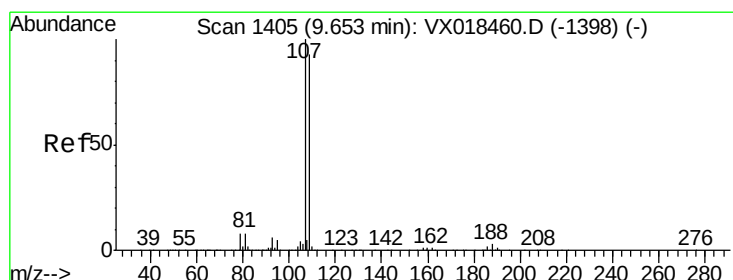
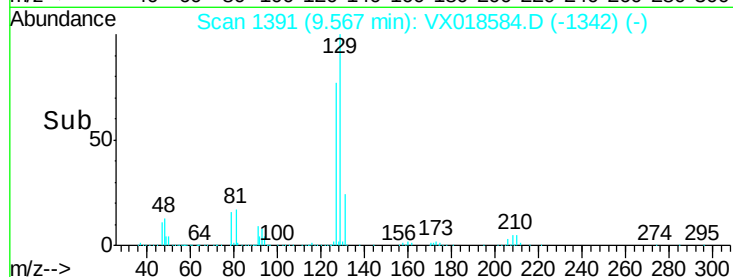
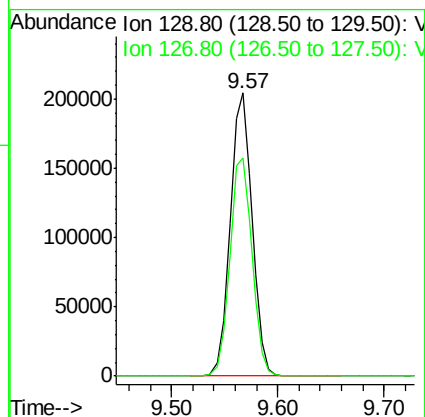
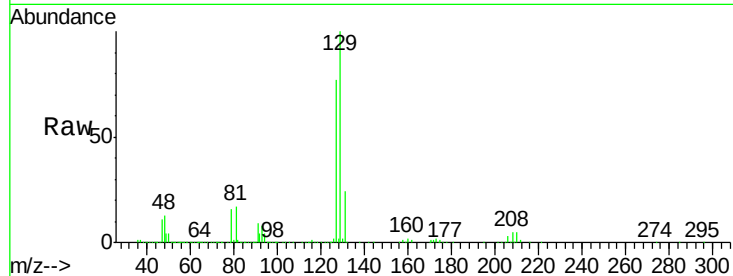
#60
Dibromochloromethane
Concen: 54.703 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.0	117.0

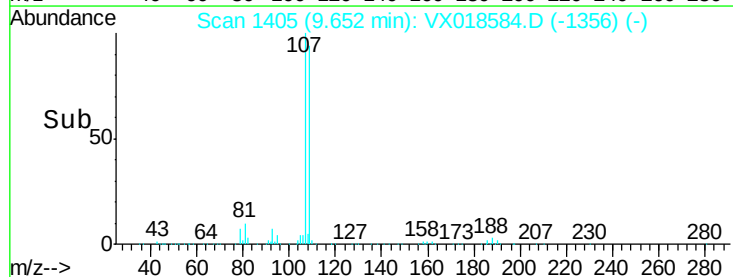
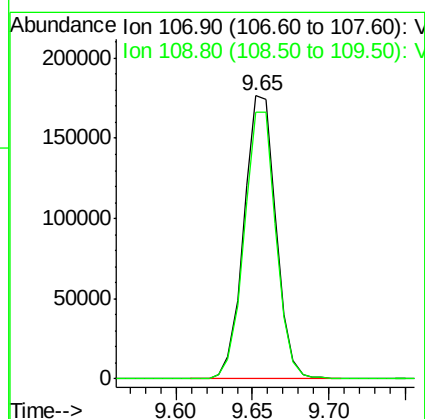
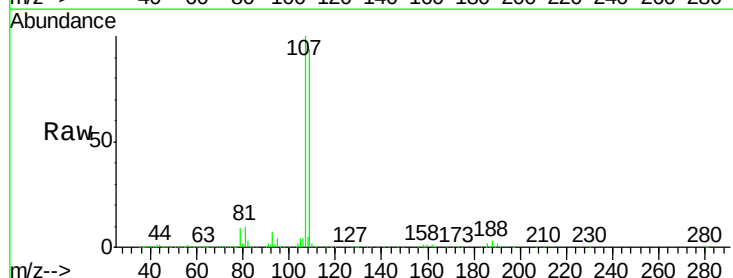
Manual Integrations
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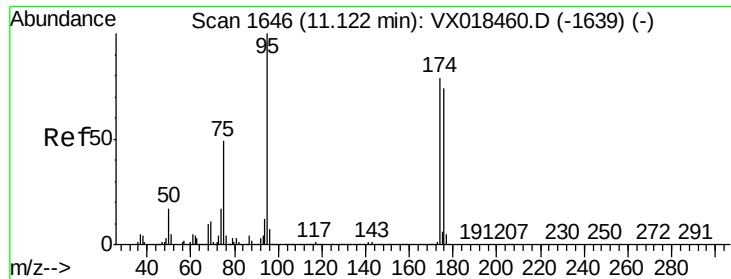
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#61
1,2-Dibromoethane
Concen: 53.271 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.9	113.9





#62

4-Bromofluorobenzene

Concen: 47.770 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

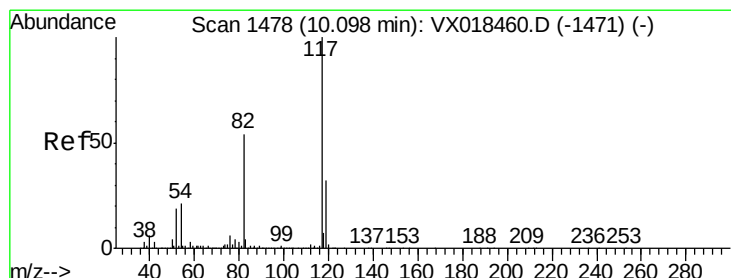
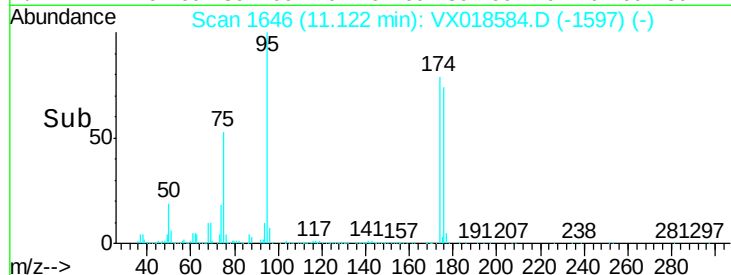
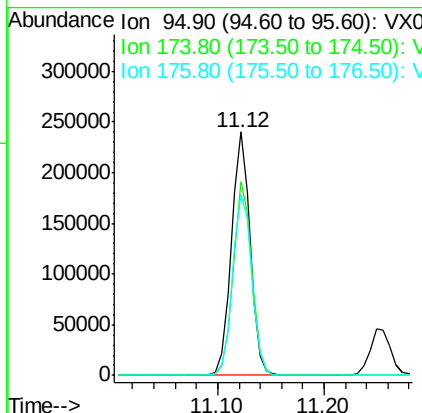
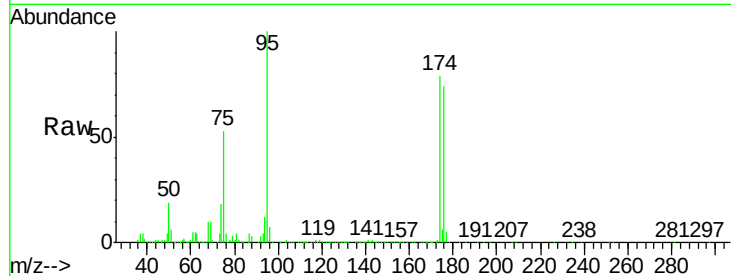
ClientSampleId :

TT180D1-20200921MSD

Tot Ion:	95	Resp:	296645
Ion Ratio	Lower	Upper	
95	100		
174	78.9	0.0	161.4
176	76.3	0.0	151.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

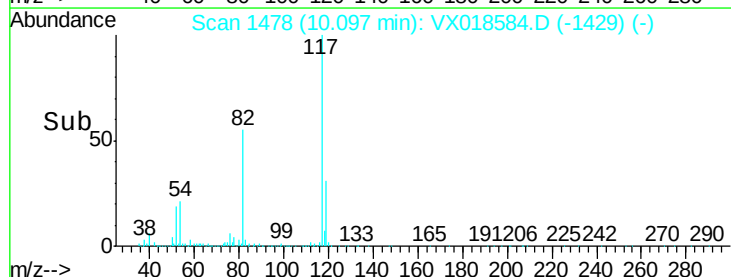
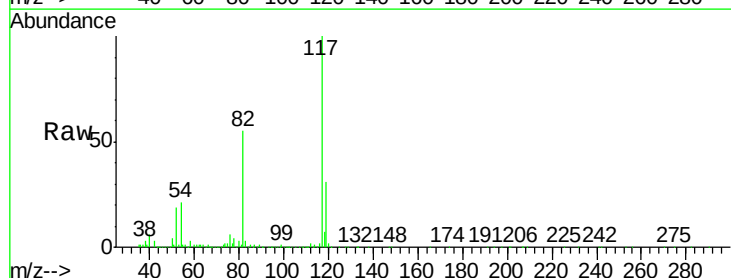
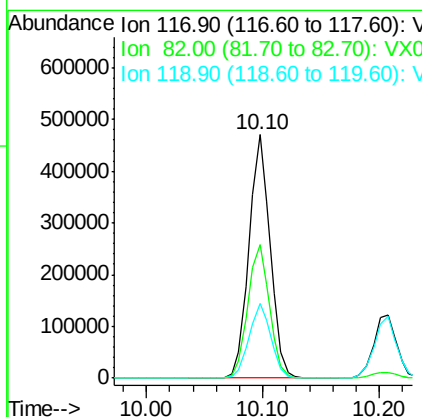
RT: 10.10 min Scan# 1478

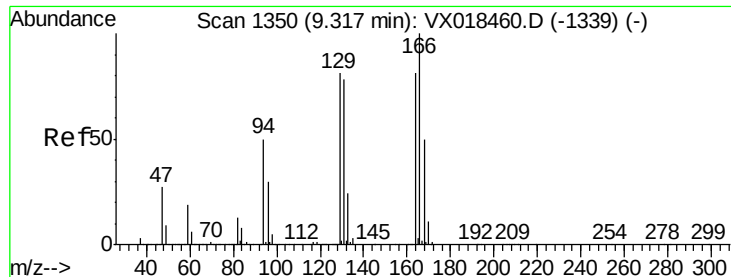
Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion:	117	Resp:	598524
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.3	64.9
119	30.8	25.9	38.9





#64

Tetrachloroethene

Concen: 48.202 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

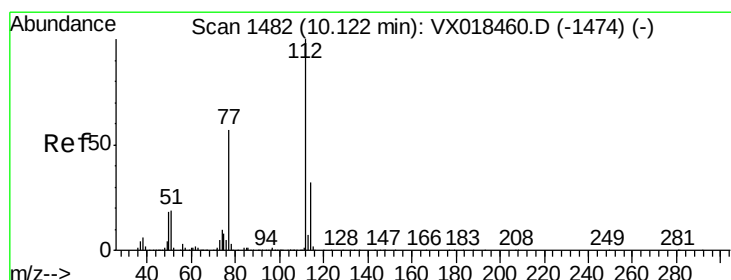
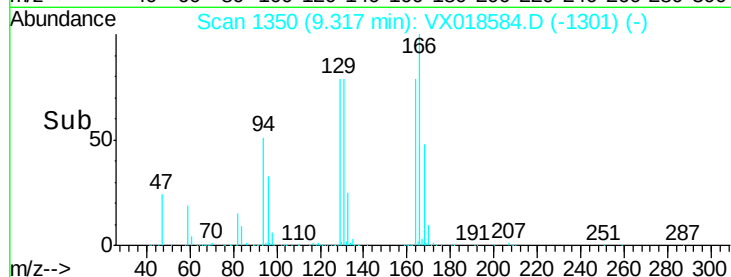
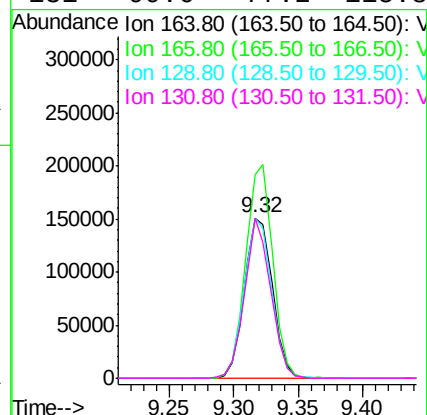
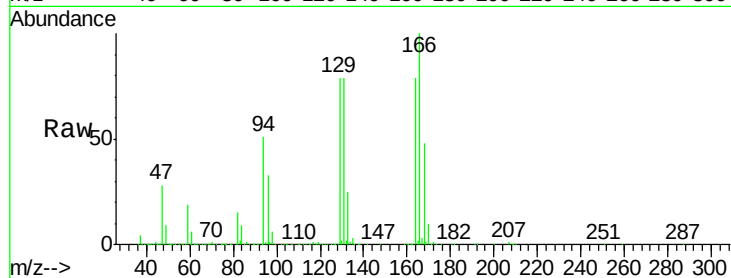
ClientSampleId :

TT180D1-20200921MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.8	99.3	148.9
129	99.7	80.7	121.1
131	99.6	77.2	115.8

Manual Integrations
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#65

Chlorobenzene

Concen: 50.463 ug/l

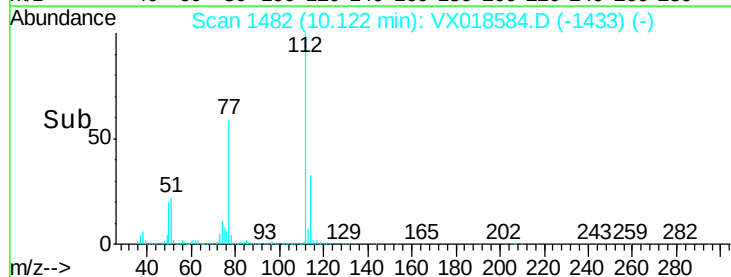
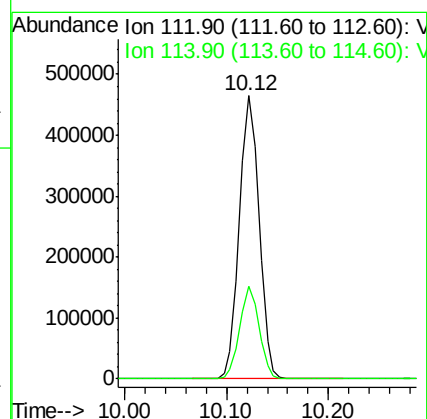
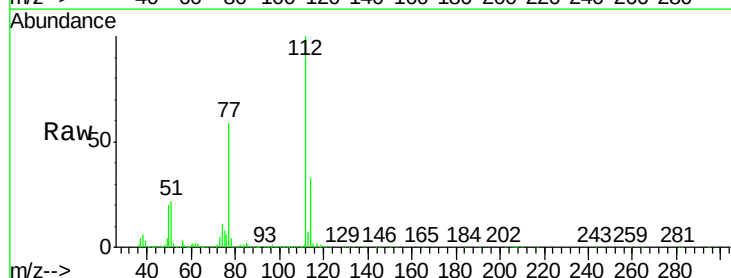
RT: 10.12 min Scan# 1482

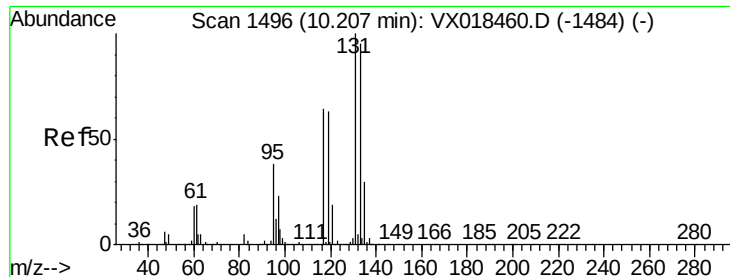
Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.4	38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 51.812 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

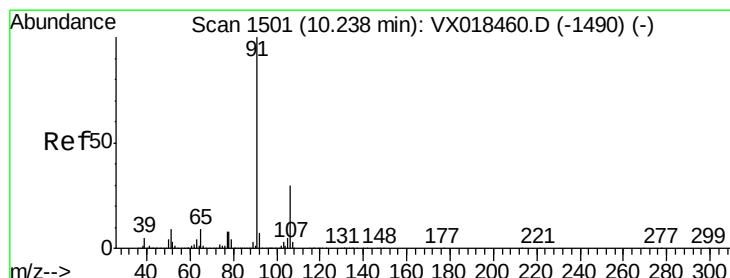
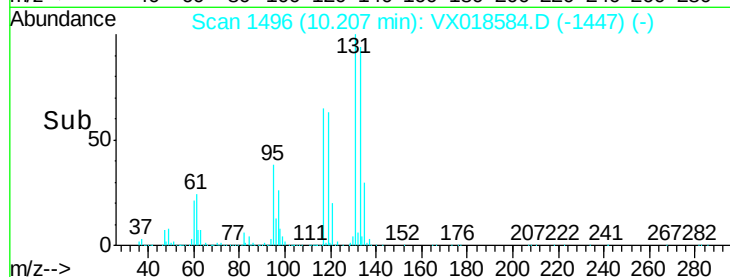
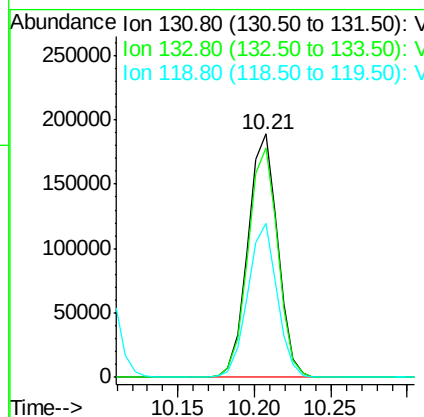
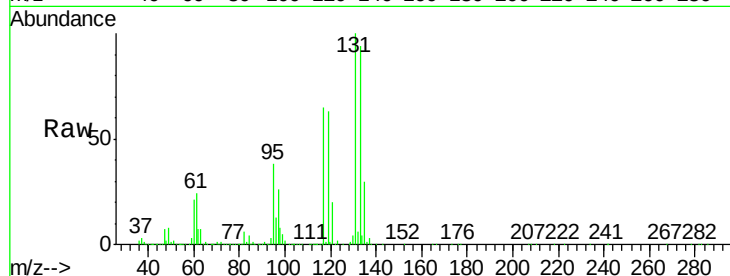
ClientSampleId :

TT180D1-20200921MSD

Tot Ion:	131	Resp:	256161
Ion Ratio	Lower	Upper	
131	100		
133	94.4	47.8	143.4
119	62.0	31.9	95.7

Manual Integrations
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#67

Ethyl Benzene

Concen: 51.198 ug/l

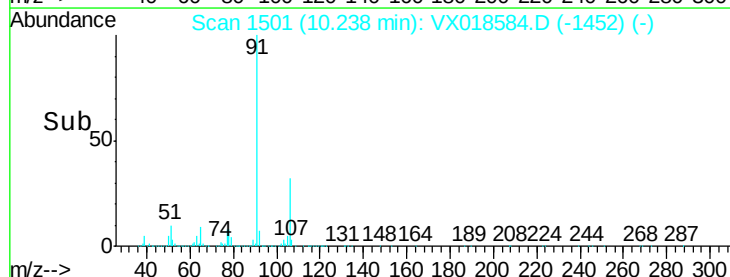
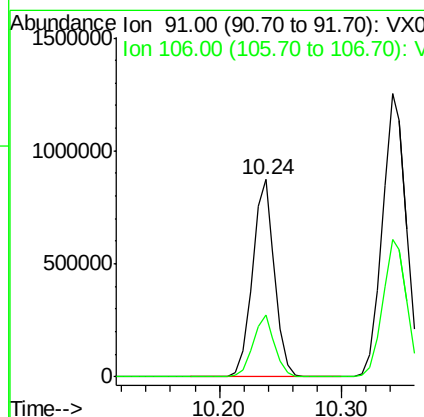
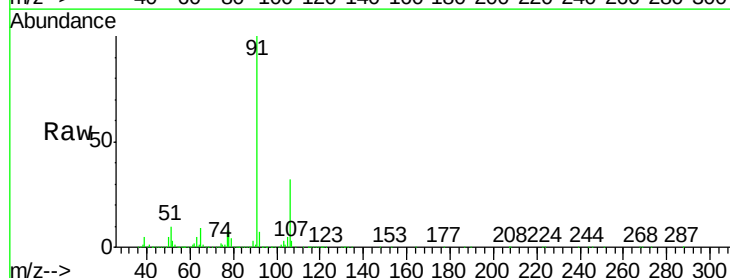
RT: 10.24 min Scan# 1501

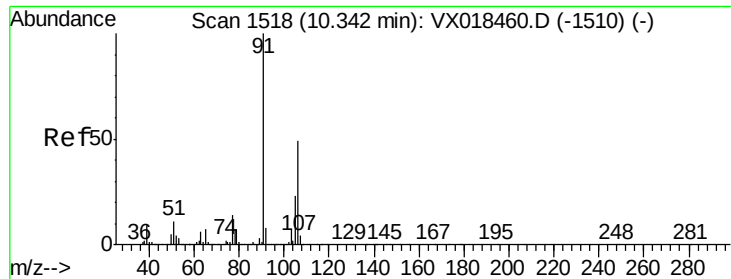
Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion:	91	Resp:	1092174
Ion Ratio	Lower	Upper	
91	100		
106	31.6	24.1	36.1





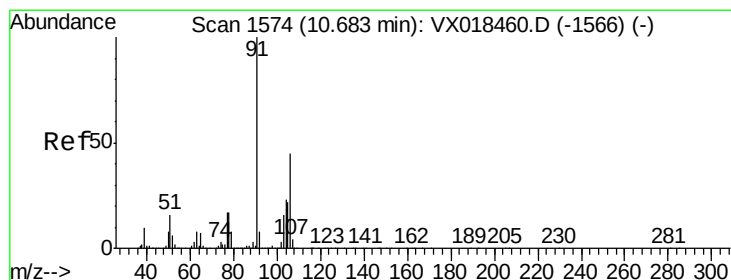
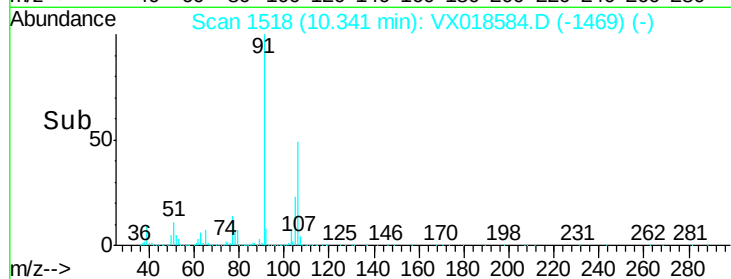
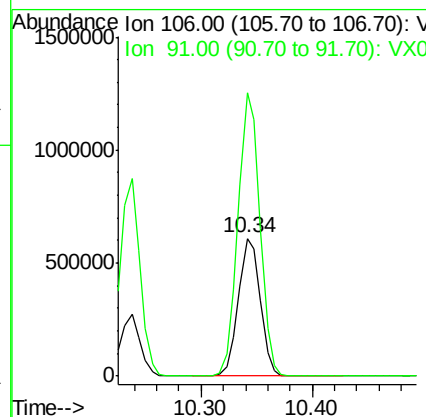
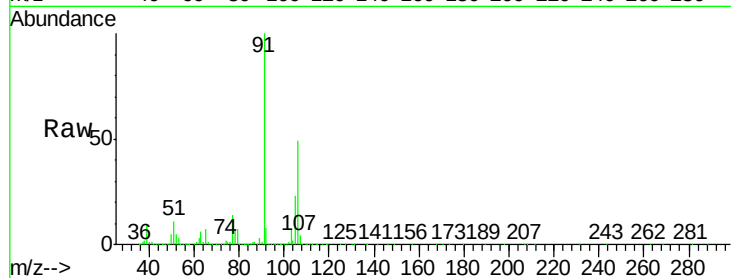
#68
m/p-Xylenes
Concen: 102.513 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	205.9	163.8	245.6	

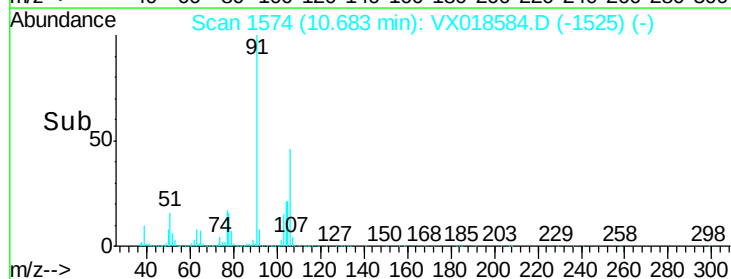
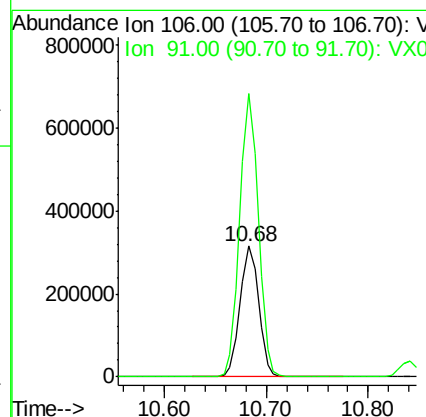
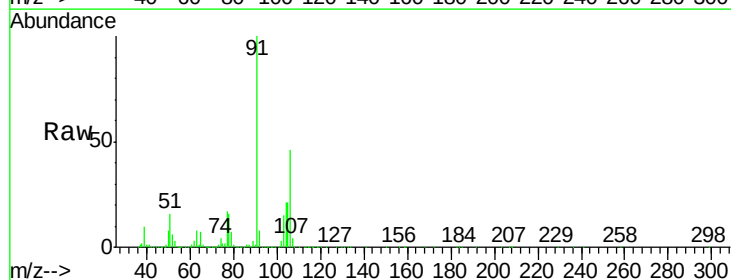
Manual Integrations
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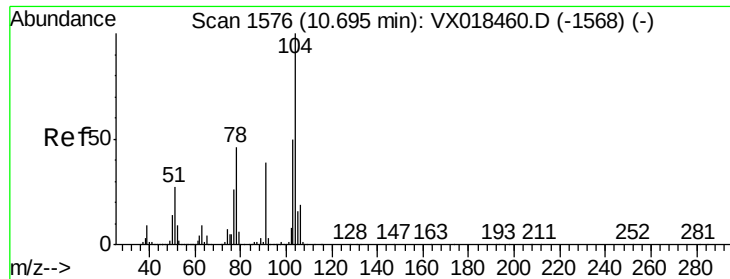
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#69
o-Xylene
Concen: 52.116 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
106	100			
91	215.0	109.7	329.0	





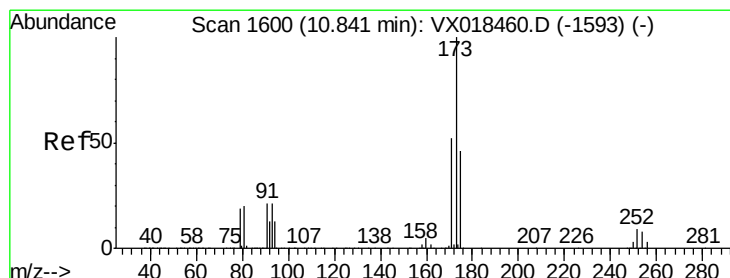
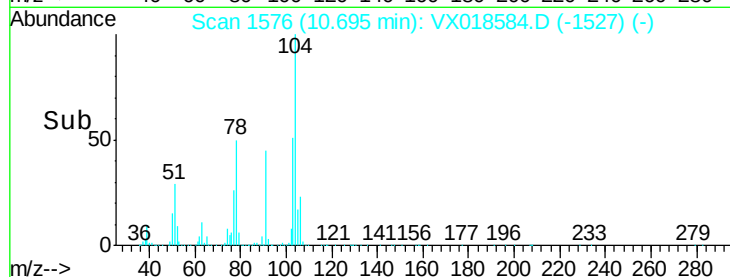
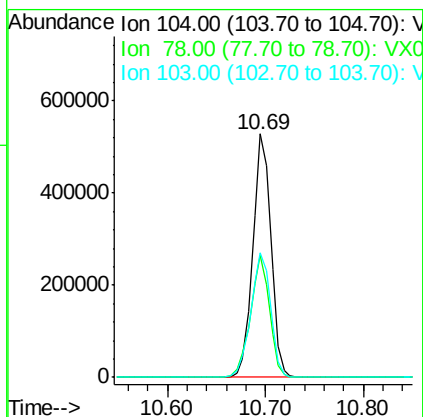
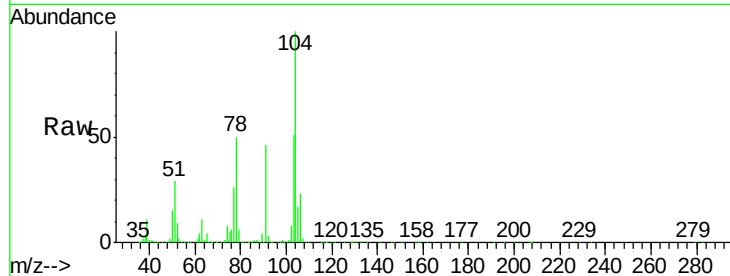
#70
Stvrene
Concen: 51.669 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	681725		
78	52.8		40.5	60.7
103	55.8		43.2	64.8

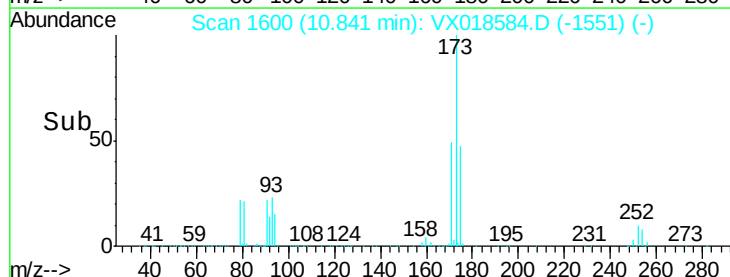
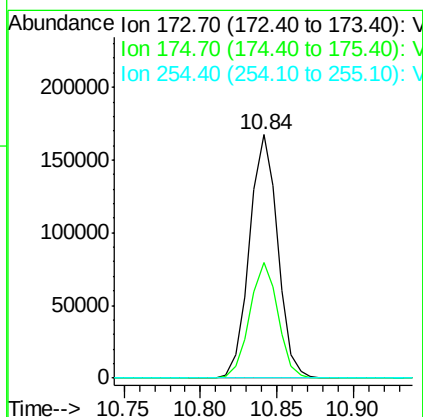
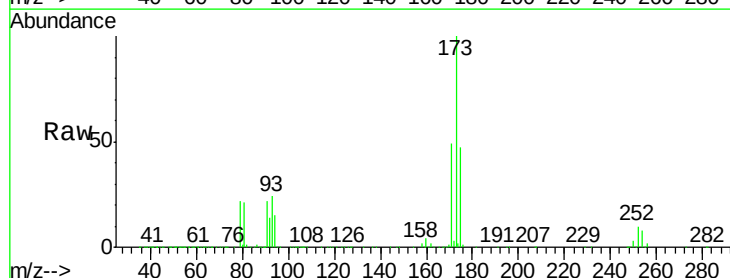
Manual Integrations
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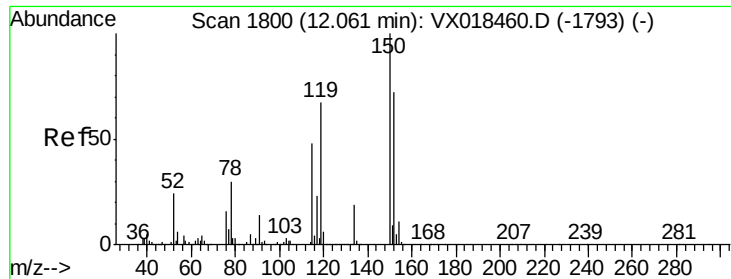
MMDadoda
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#71
Bromoform
Concen: 51.777 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	214934		
175	47.5		23.6	70.8
254	0.2		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

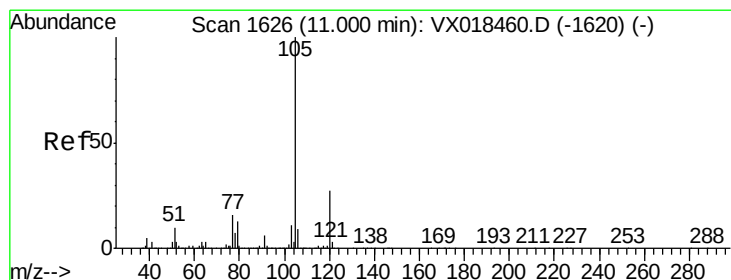
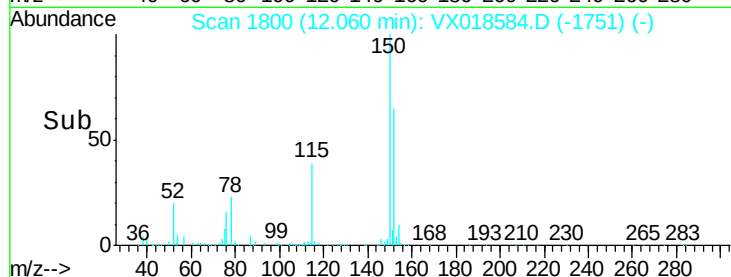
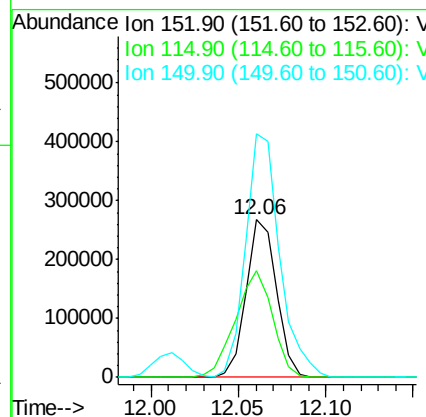
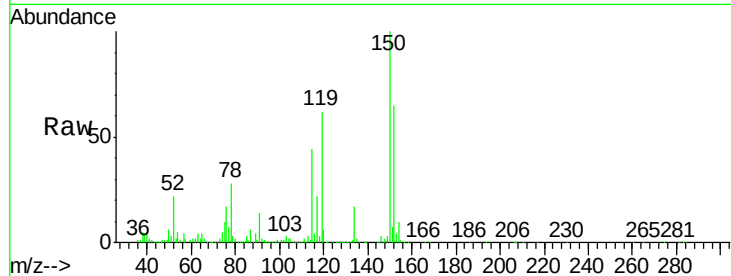
ClientSampleId :

TT180D1-20200921MSD

Tot Ion:	152	Resp:	324622
Ion Ratio	Lower	Upper	
152	100		
115	82.2	41.8	125.4
150	172.7	0.0	342.4

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#73

Isopropylbenzene

Concen: 49.741 ug/l

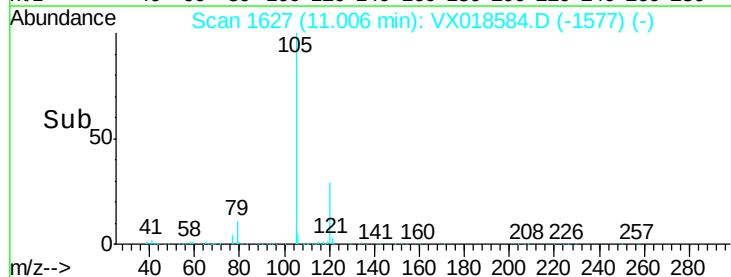
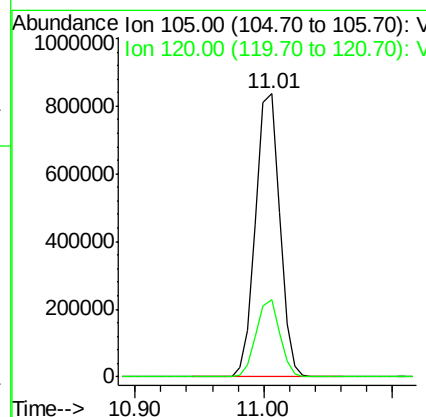
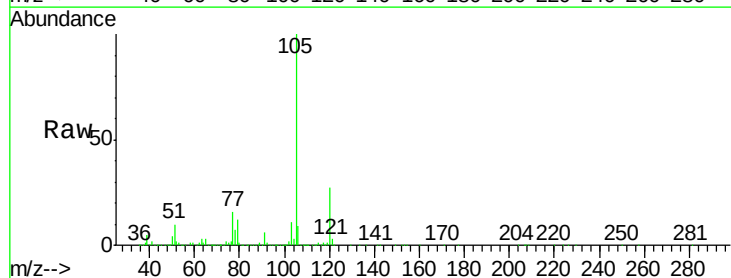
RT: 11.01 min Scan# 1627

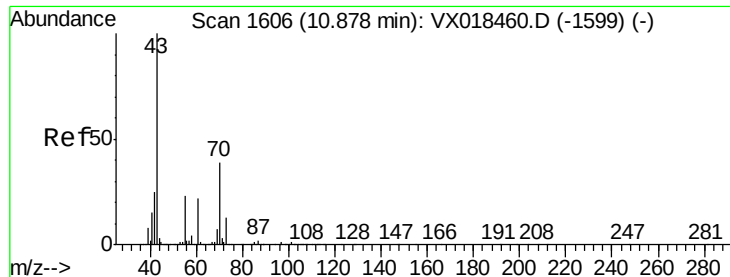
Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion:	105	Resp:	1078695
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.4	40.2





#74

N-amvl acetate

Concen: 42.143 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

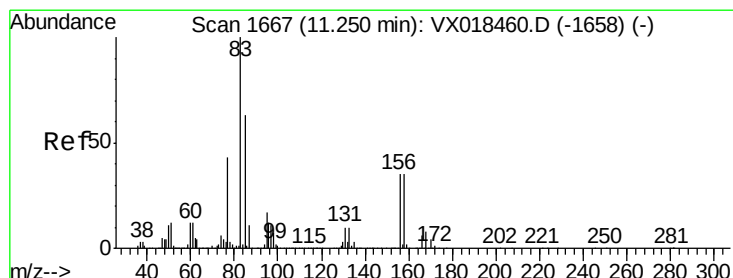
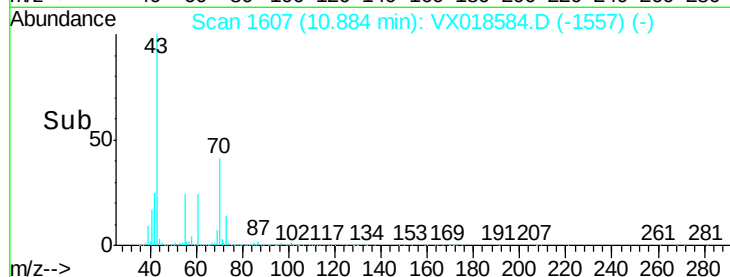
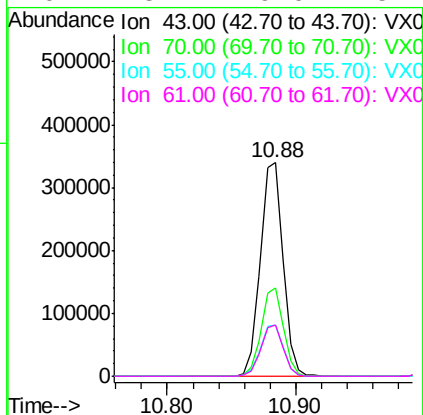
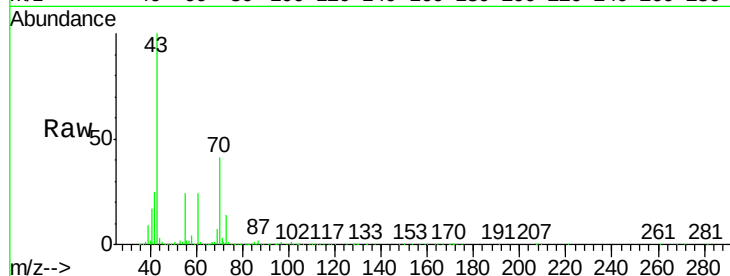
ClientSampleId :

TT180D1-20200921MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	40.4	32.2	48.4	
55	24.6	18.8	28.2	
61	23.4	19.0	28.4	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.021 ug/l

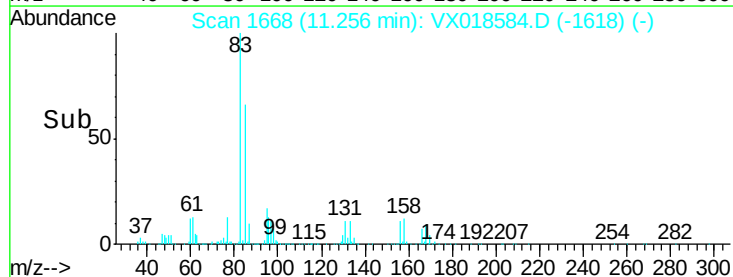
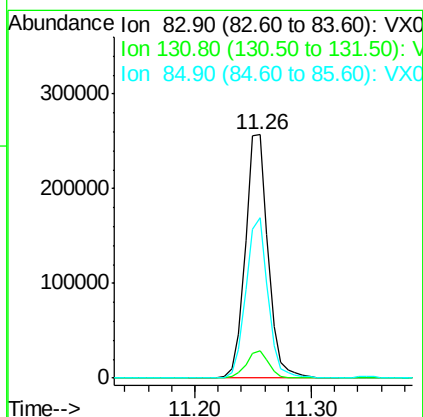
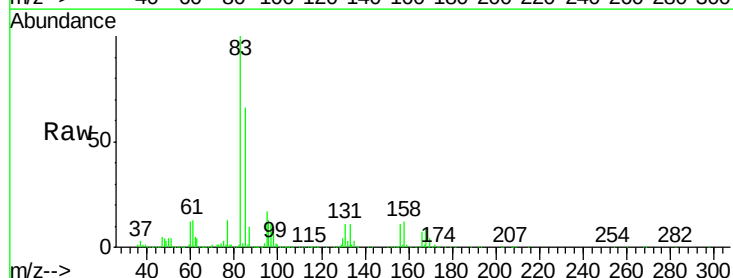
RT: 11.26 min Scan# 1668

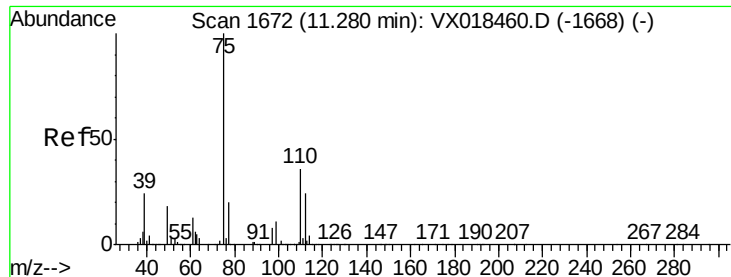
Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.9	5.1	15.4	
85	64.4	31.8	95.4	





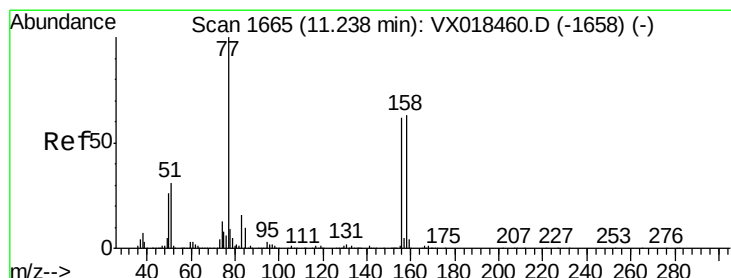
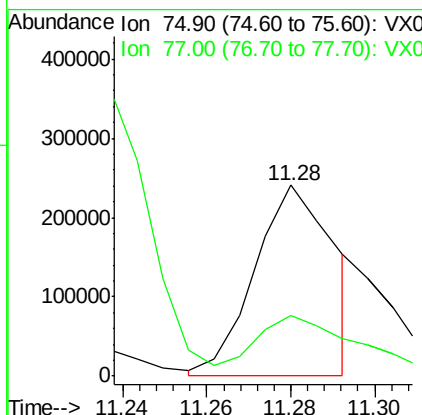
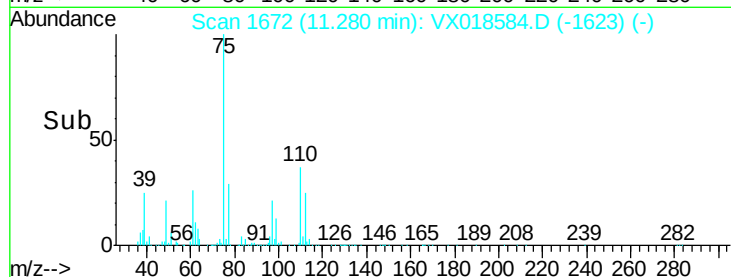
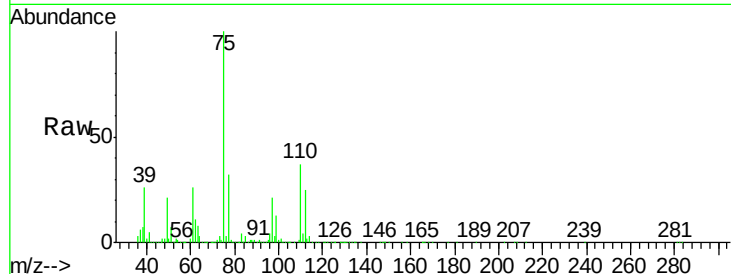
#76
 1,2,3-Trichloropropane
 Concen: 46.466 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Tot Ion: 75 Resp: 316978
 Ion Ratio Lower Upper
 75 100
 77 40.8 20.9 62.7

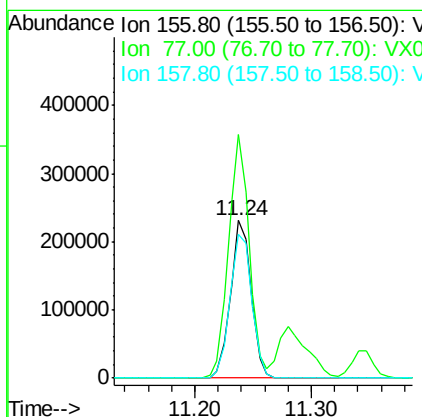
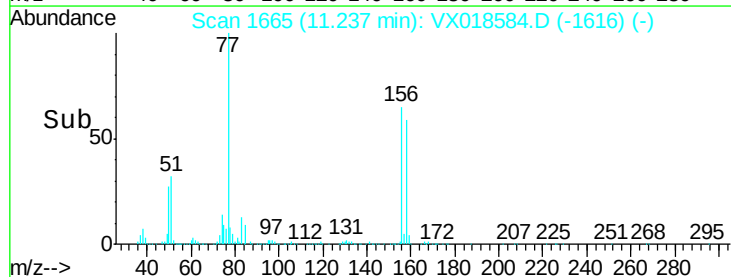
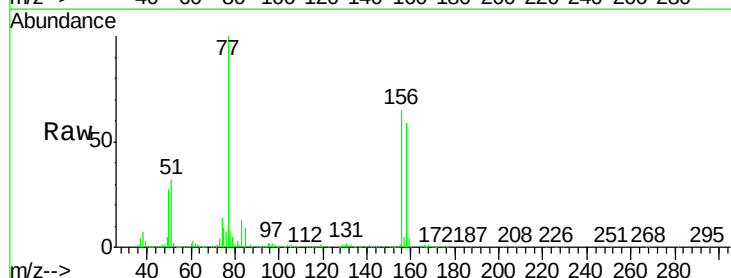
Manual Integrations
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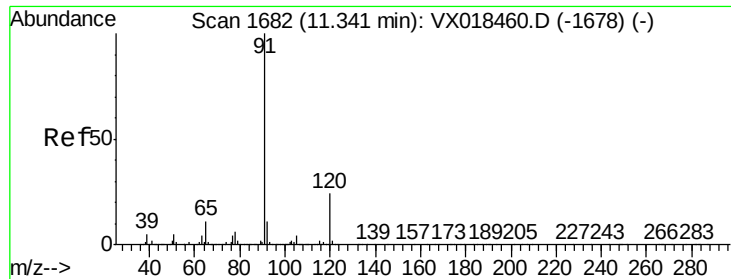
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#77
 Bromobenzene
 Concen: 47.928 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion: 156 Resp: 286778
 Ion Ratio Lower Upper
 156 100
 77 154.0 78.8 236.5
 158 96.3 48.4 145.3





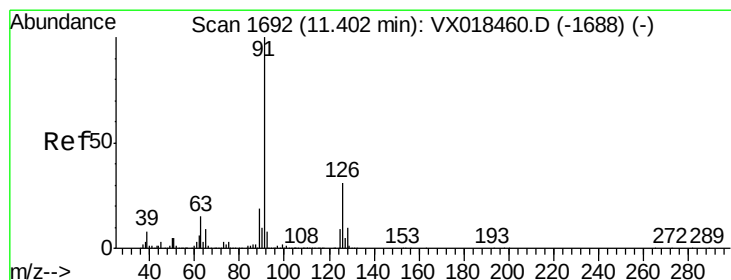
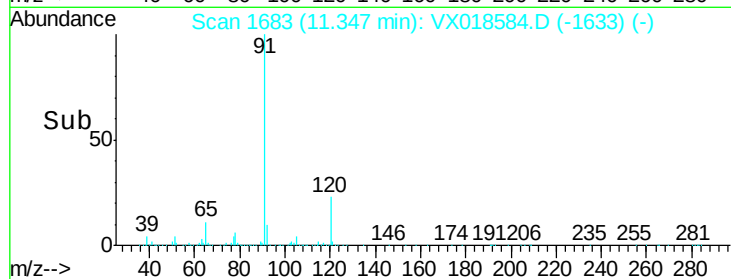
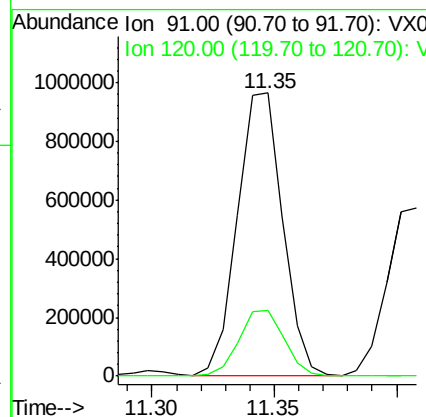
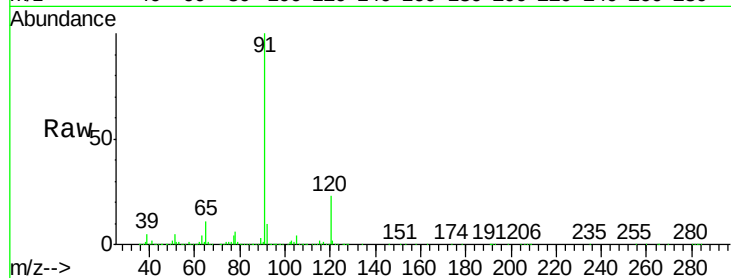
#78
n-propylbenzene
Concen: 48.621 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion: 91 Resp: 1234193
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.3

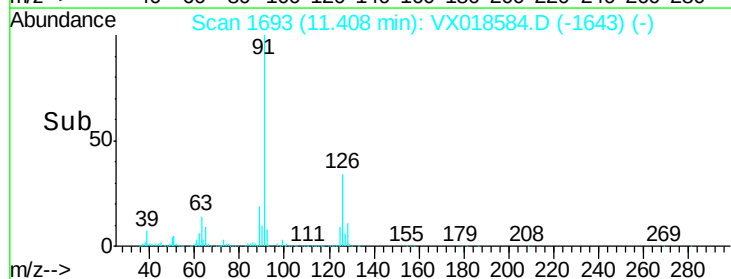
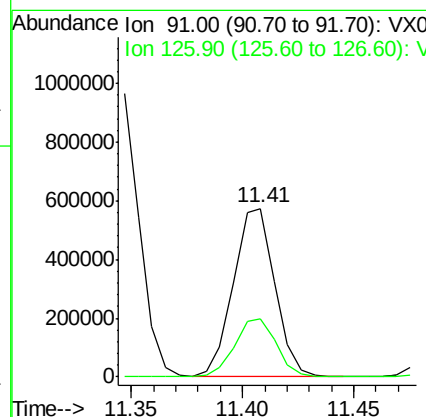
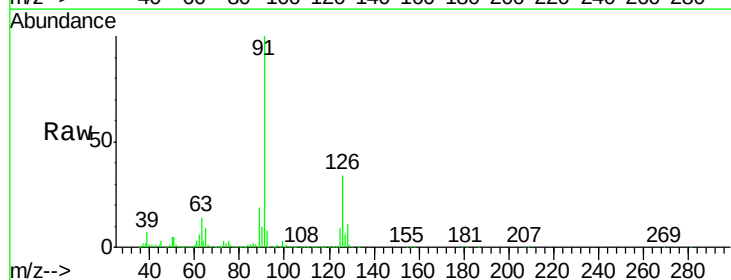
Manual Integrations
APPROVED

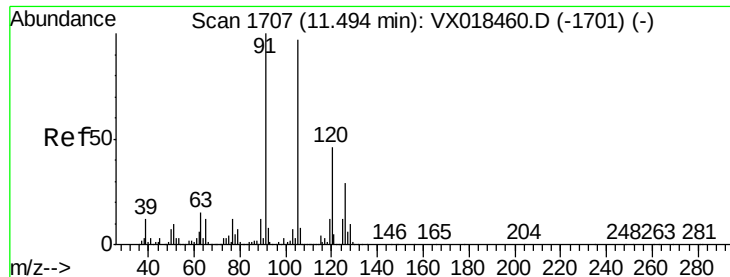
MMDadoda
9/28/2020 5:22:09 PM



#79
2-Chlorotoluene
Concen: 48.346 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion: 91 Resp: 742846
Ion Ratio Lower Upper
91 100
126 34.5 16.6 49.7





#80

1,3,5-Trimethylbenzene

Concen: 50.002 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion:105 Resp: 927341

Ion Ratio Lower Upper

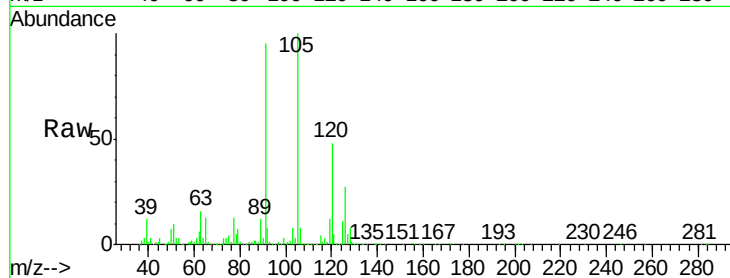
105 100

120 47.7 23.6 71.0

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

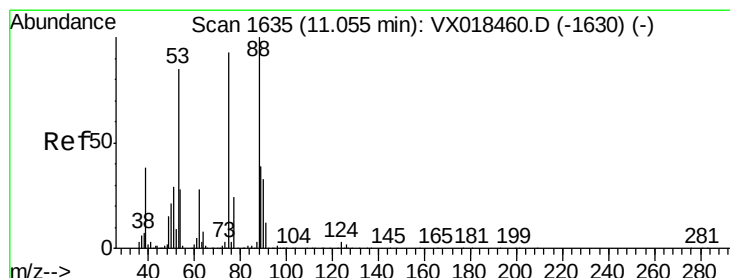
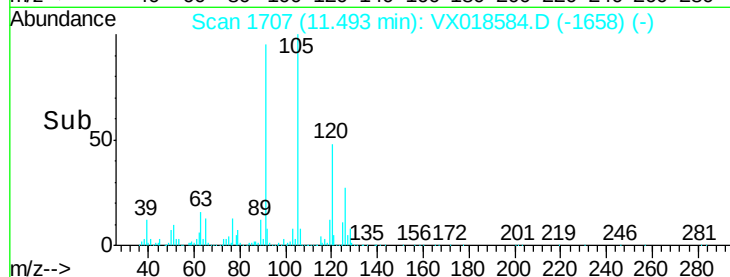
0

11.49

11.50

11.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 43.153 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

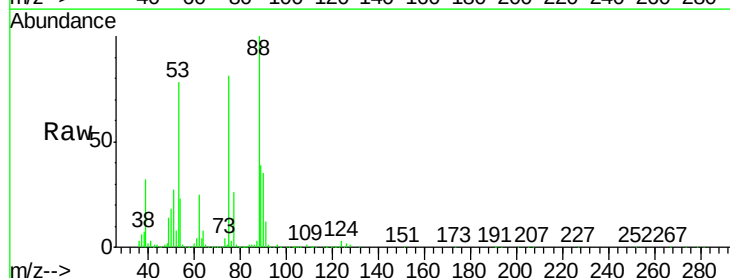
Tgt Ion: 75 Resp: 114879

Ion Ratio Lower Upper

75 100

53 98.8 74.6 111.8

89 47.6 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

150000

100000

50000

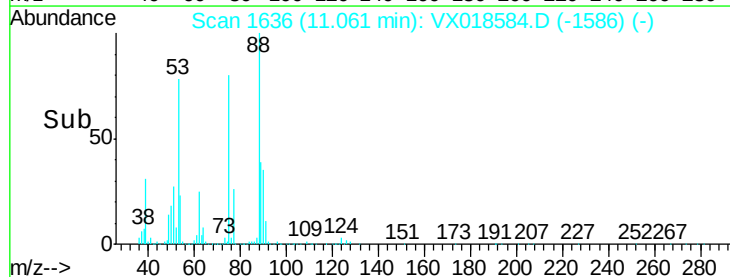
0

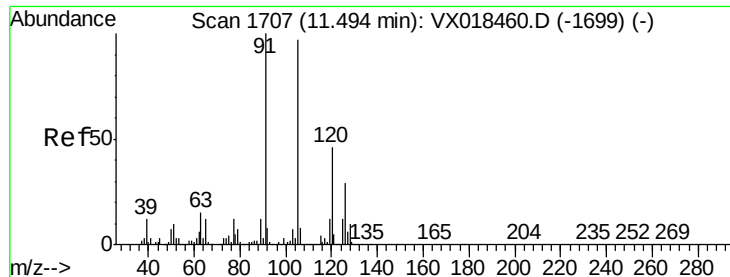
11.06

11.05

11.10

Time-->





#82

4-Chlorotoluene

Concen: 48.736 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 91 Resp: 890151

Ion Ratio Lower Upper

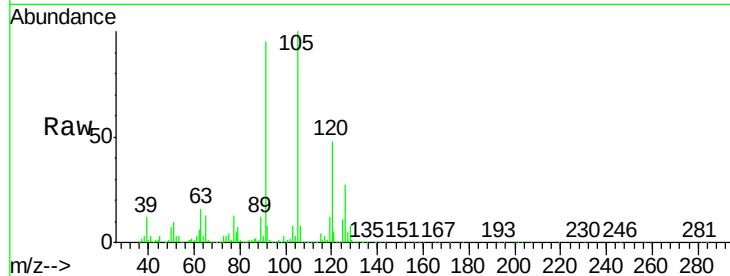
91 100

126 29.8 15.0 45.0

Manual Integrations
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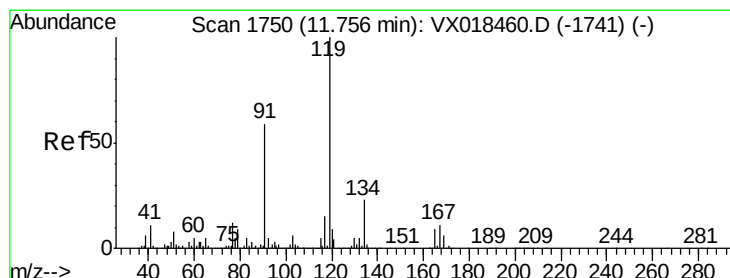
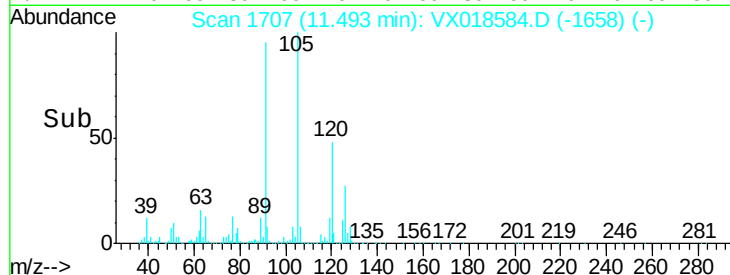
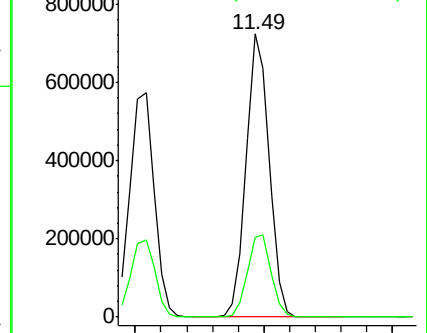
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 49.321 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

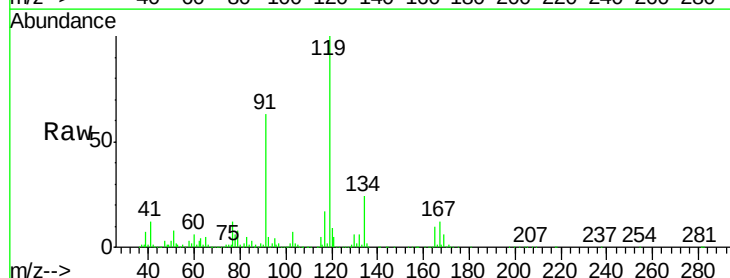
Tgt Ion: 119 Resp: 888110

Ion Ratio Lower Upper

119 100

91 59.0 28.9 86.7

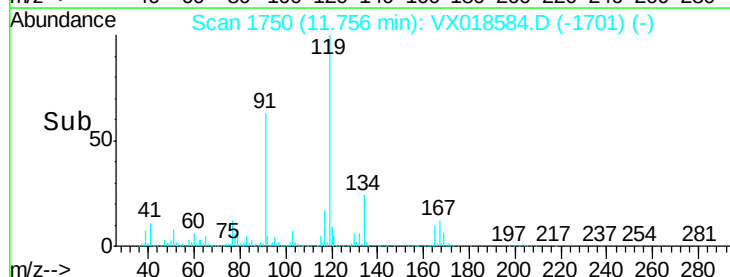
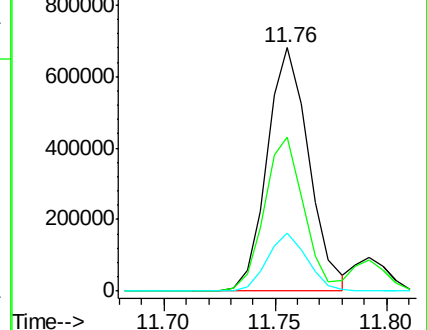
134 22.7 11.3 33.8

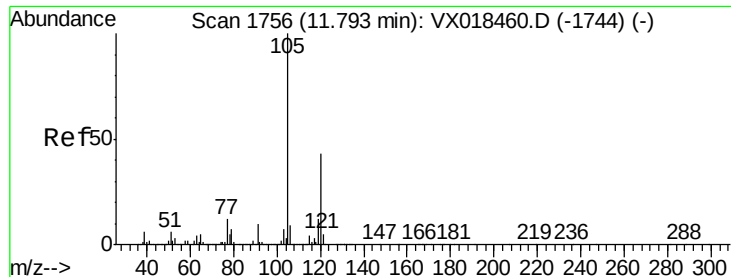


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 51.039 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion:105 Resp: 953288

Ion Ratio Lower Upper

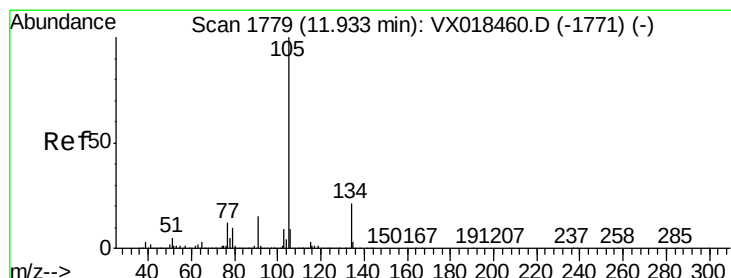
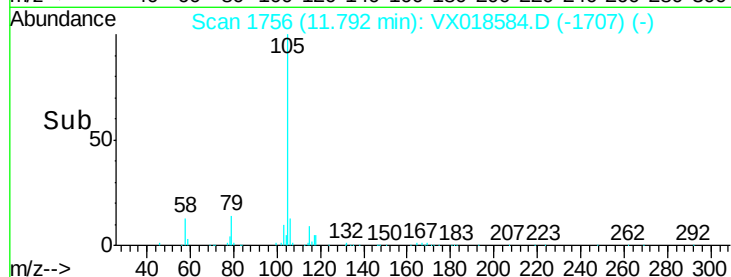
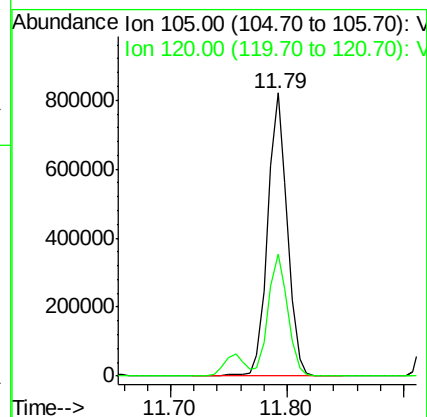
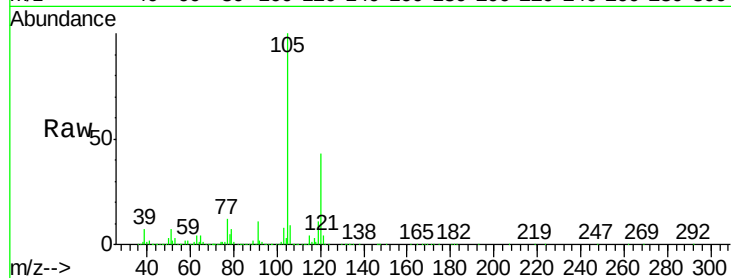
105 100

120 43.1 21.6 65.0

Manual Integrations
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#85

sec-Butylbenzene

Concen: 48.577 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018584.D

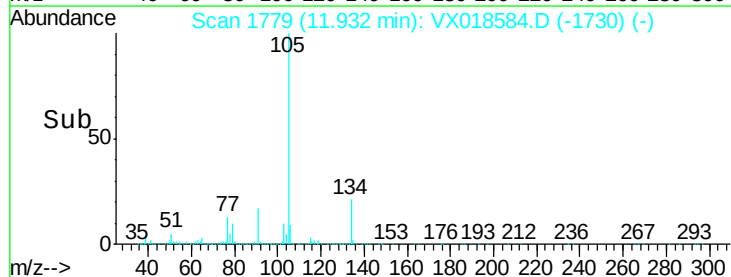
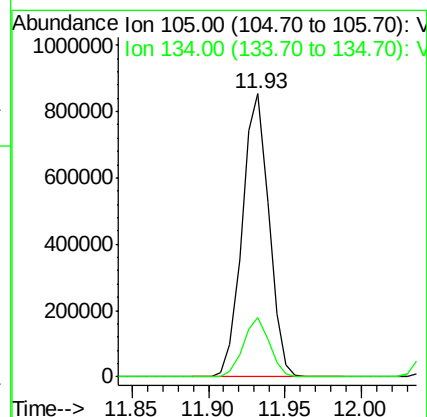
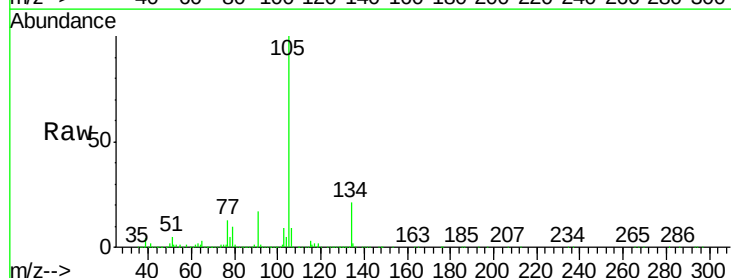
Acq: 24 Sep 2020 19:38

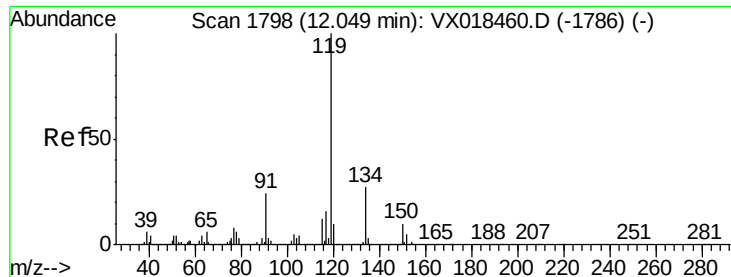
Tgt Ion:105 Resp: 1032094

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4





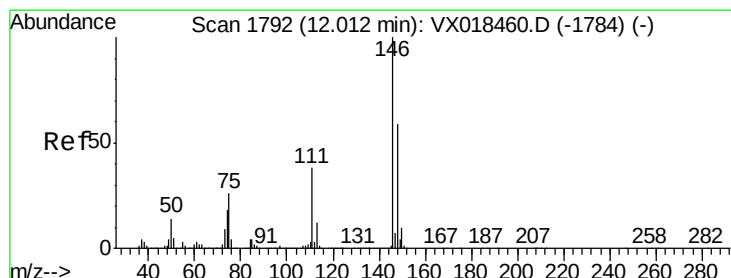
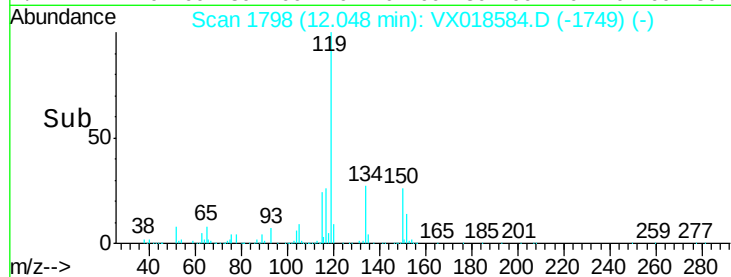
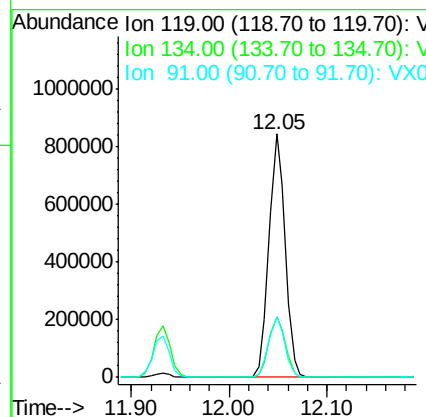
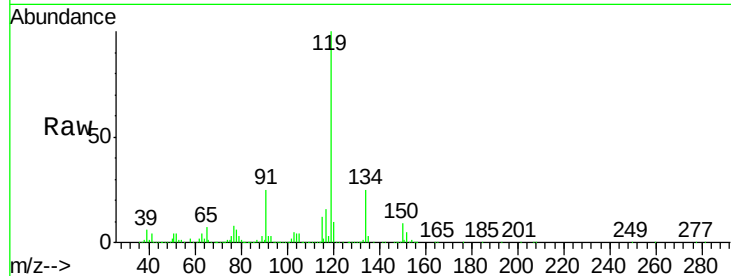
#86
p-Isopropyltoluene
Concen: 49.810 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	972620		
134	25.5		13.3	39.9
91	25.0		11.9	35.9

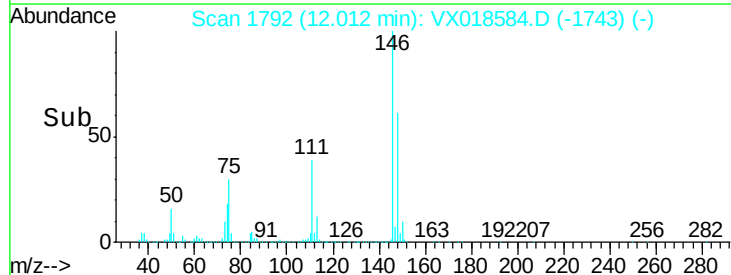
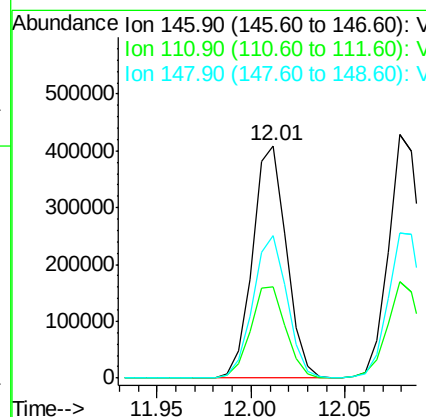
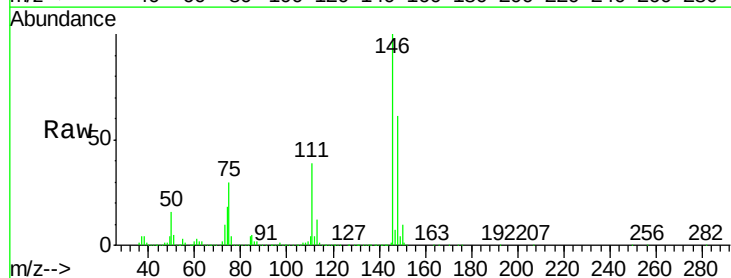
Manual Integrations
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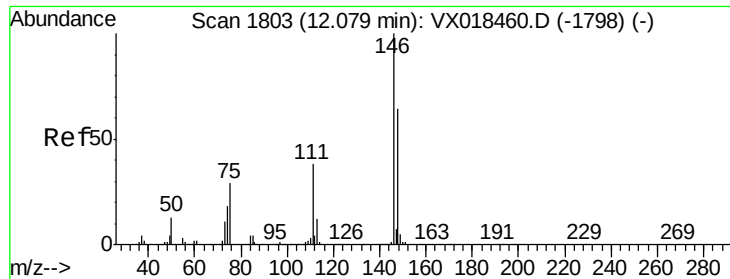
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#87
1,3-Dichlorobenzene
Concen: 47.344 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	509347		
111	40.7		20.4	61.2
148	61.6		31.1	93.2





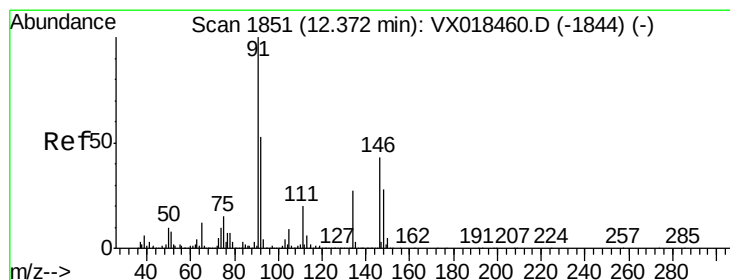
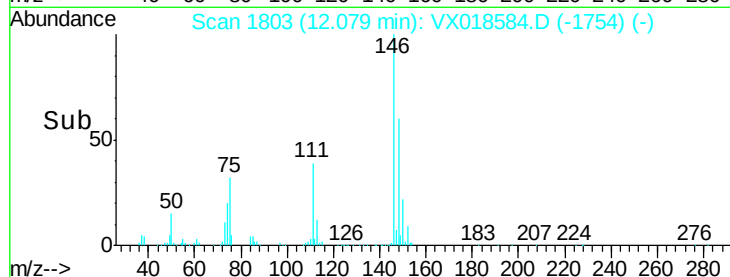
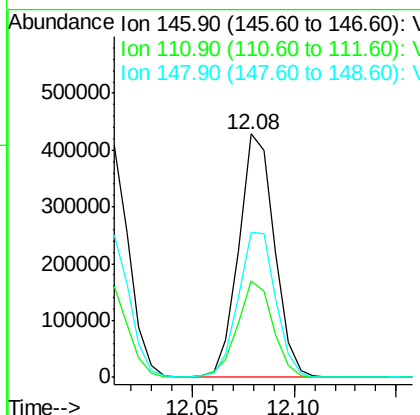
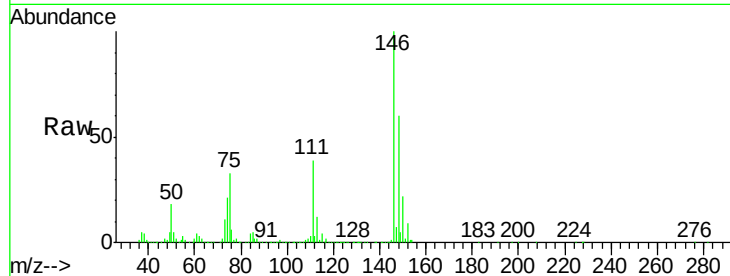
#88
 1,4-Dichlorobenzene
 Concen: 47.665 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	519948		
111	39.2		19.4	58.4
148	62.5		31.8	95.4

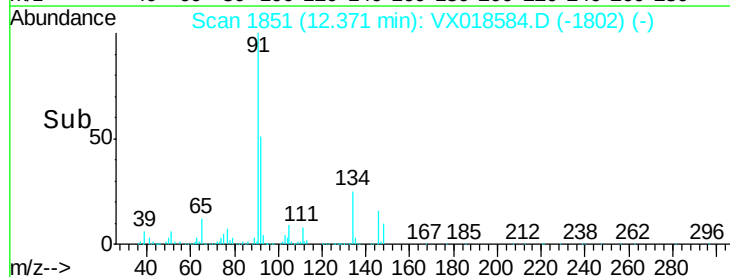
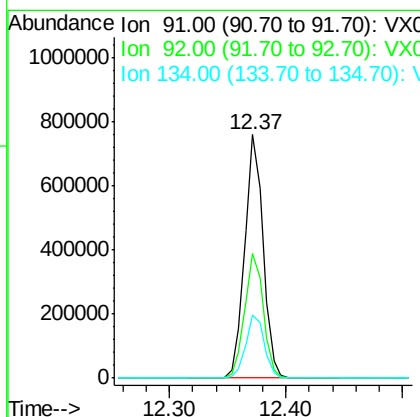
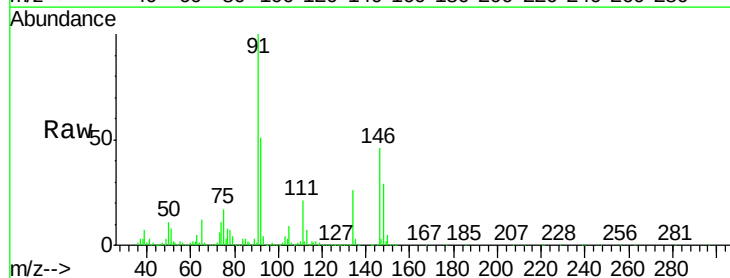
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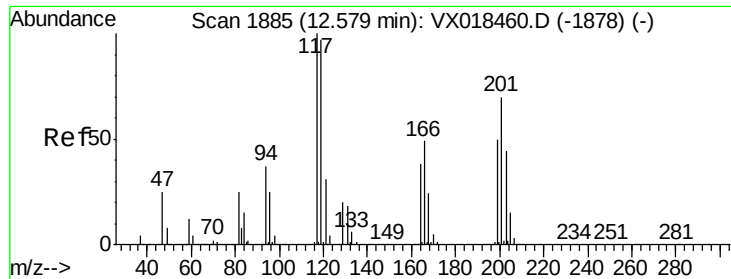
MMDadoda
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#89
 n-Butylbenzene
 Concen: 46.524 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	841000		
92	52.1		26.1	78.2
134	26.5		13.3	39.8





#90

Hexachloroethane

Concen: 47.843 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion:117 Resp: 186506

Ion Ratio Lower Upper

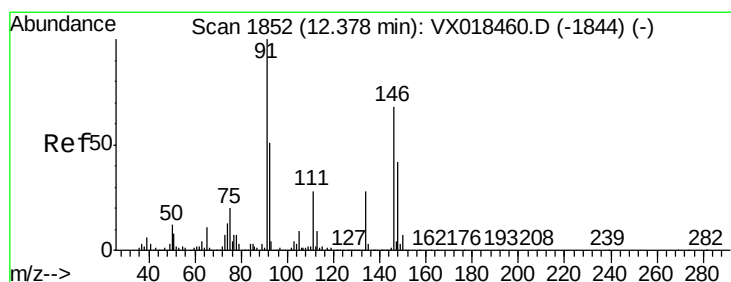
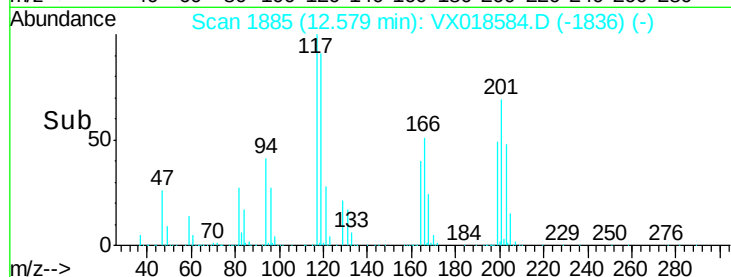
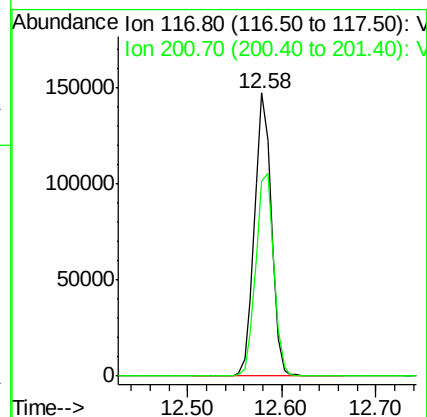
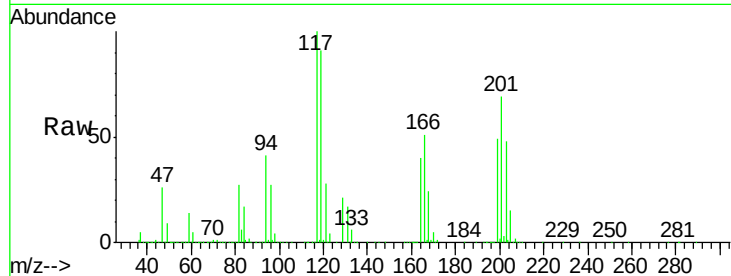
117 100

201 76.4 36.2 108.6

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#91

1,2-Dichlorobenzene

Concen: 50.222 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

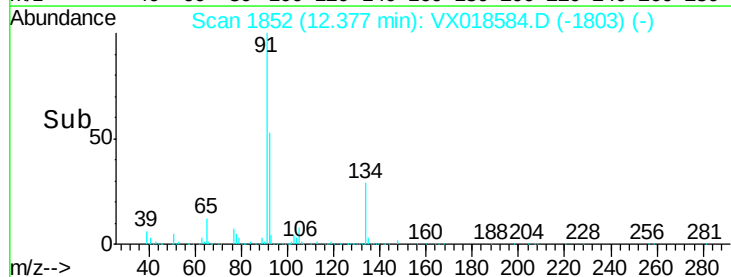
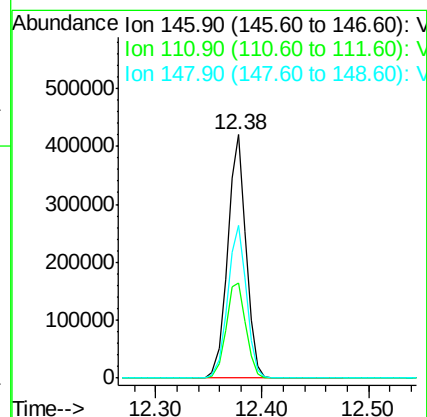
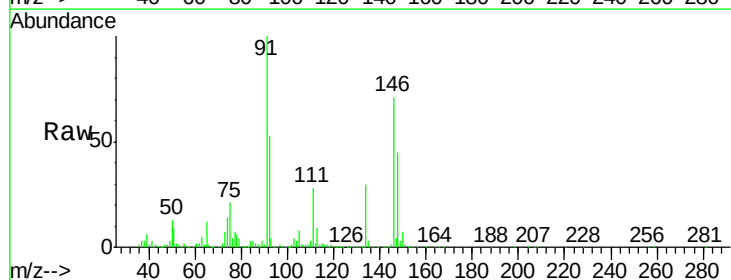
Tgt Ion:146 Resp: 505706

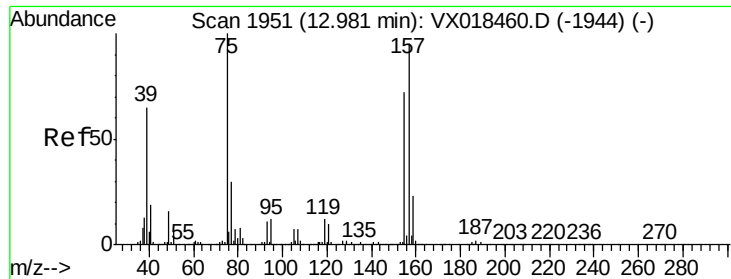
Ion Ratio Lower Upper

146 100

111 41.9 21.5 64.5

148 63.8 32.1 96.5





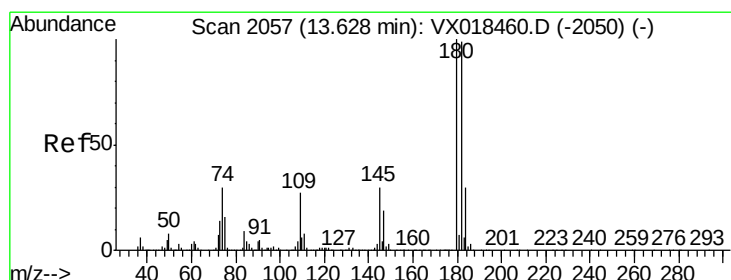
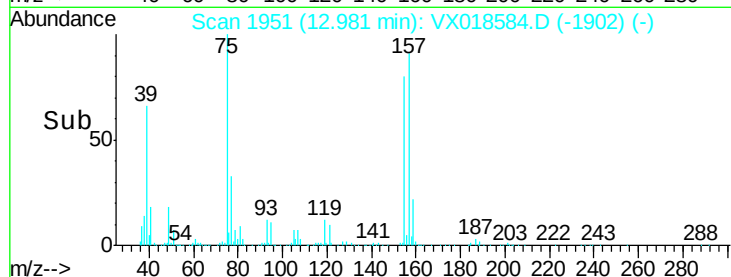
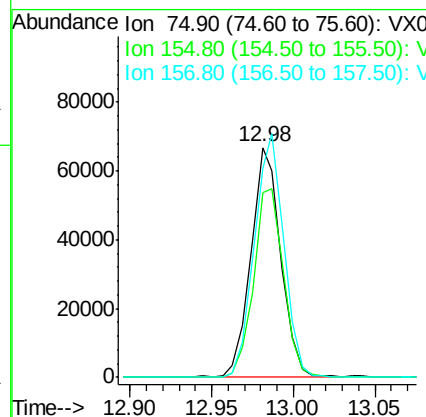
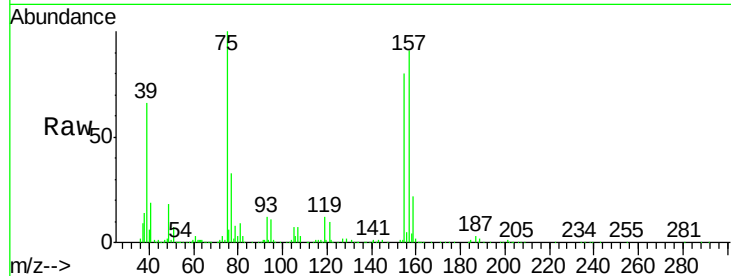
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.544 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.0	38.8	116.4
157	105.3	51.1	153.3

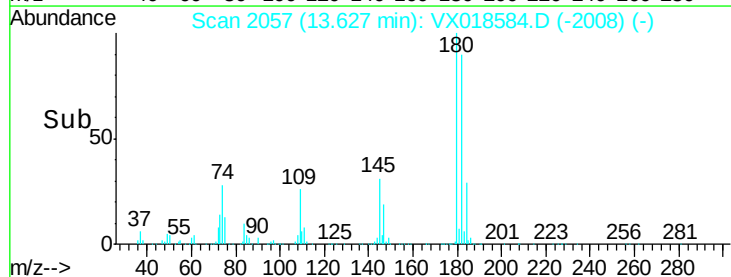
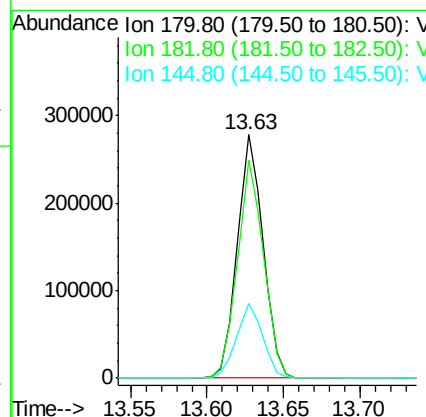
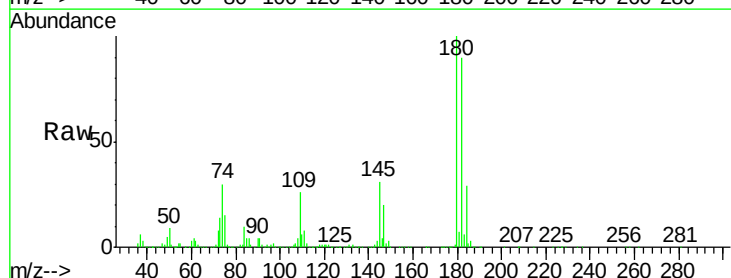
Manual Integrations
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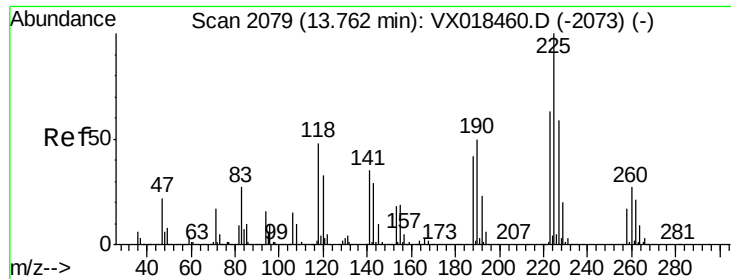
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#93
 1,2,4-Trichlorobenzene
 Concen: 46.493 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	50.2	150.6
145	31.2	15.7	47.1





#94

Hexachlorobutadiene

Concen: 46.998 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

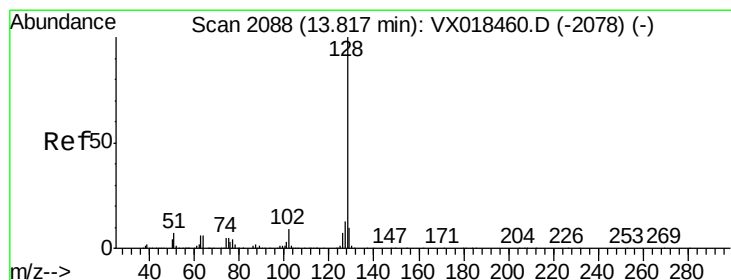
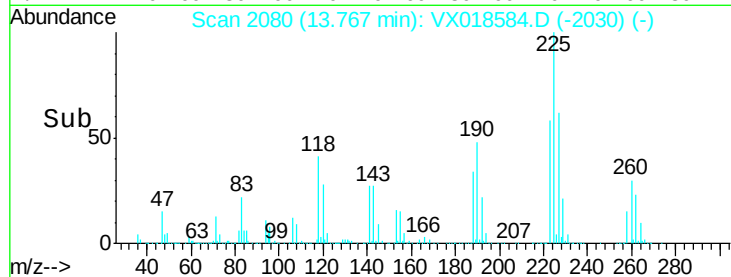
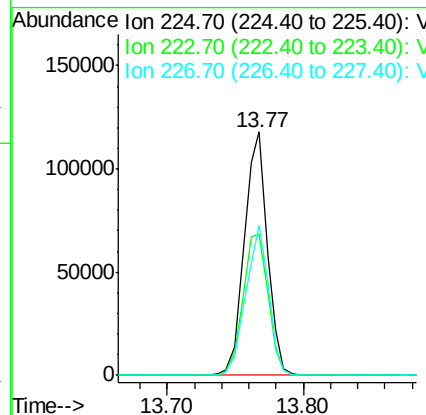
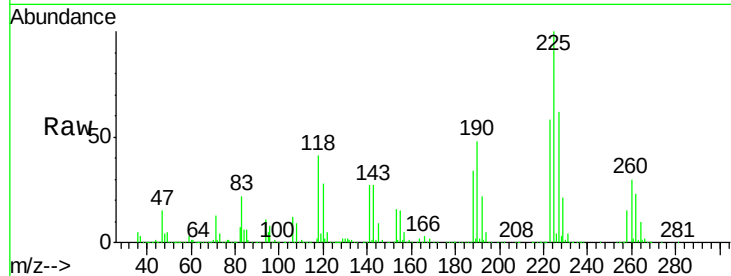
ClientSampleId :

TT180D1-20200921MSD

Tot Ion:	225	Resp:	138213
Ion Ratio		Lower	Upper
225	100		
223	63.6	32.0	96.2
227	61.2	31.7	95.1

Manual Integrations
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9/28/2020 5:22:09 PM



#95

Naphthalene

Concen: 49.195 ug/l

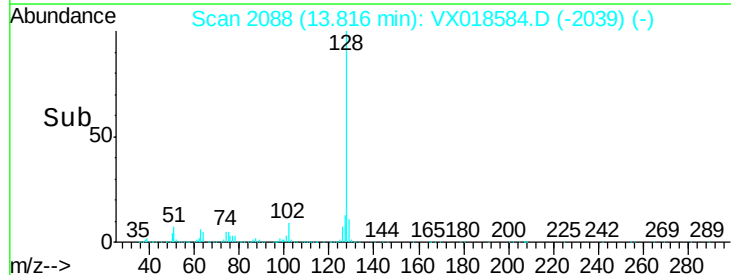
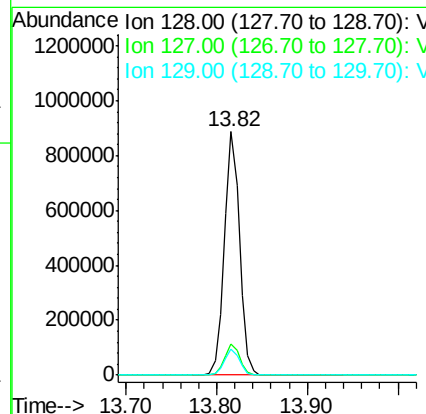
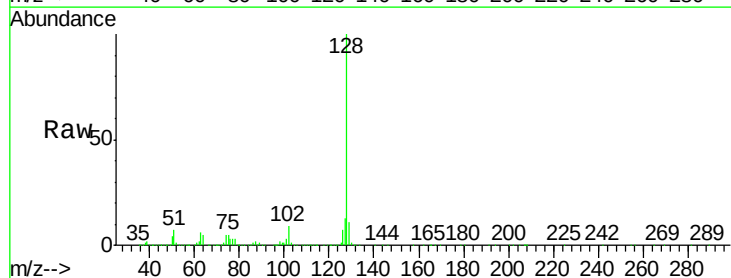
RT: 13.82 min Scan# 2088

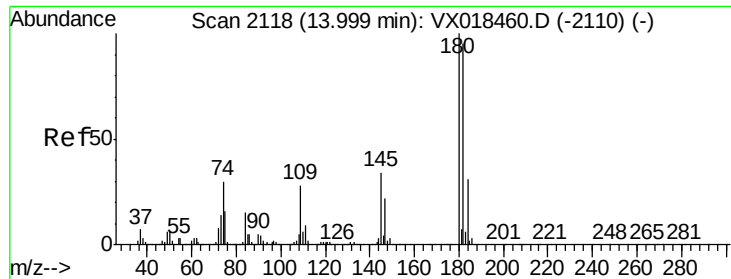
Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion:	128	Resp:	1041198
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 47.601 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	47.1	141.3
145	33.8	16.8	50.4

Manual Integrations
 APPROVED

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 9/28/2020 5:22:09 PM

