

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018544.D
 Acq On : 23 Sep 2020 19:08
 Operator : JC/SP
 Sample : VX0923WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:33 PM

Quant Time: Sep 24 01:02:41 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	5.64	168	432961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	661615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	626781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	327848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	312506	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.47	113	238201	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	8.70	98	857481	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	321137	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	79704	19.417	ug/l	97
3) Chloromethane	1.31	50	84854	17.657	ug/l	100
4) Vinyl Chloride	1.39	62	92160	18.115	ug/l	99
5) Bromomethane	1.64	94	63883	20.459	ug/l	99
6) Chloroethane	1.72	64	55110	18.927	ug/l	98
7) Trichlorofluoromethane	1.92	101	156081	20.195	ug/l	92
8) Diethyl Ether	2.17	74	49183	18.137	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80720	19.404	ug/l	99
10) Methyl Iodide	2.50	142	90223	20.720	ug/l	94
11) Tert butyl alcohol	3.05	59	84187	78.996	ug/l	97
12) 1,1-Dichloroethene	2.36	96	76309	18.199	ug/l	94
13) Acrolein	2.28	56	53488	79.266	ug/l	100
14) Allyl chloride	2.71	41	137558	16.930	ug/l	93
15) Acrylonitrile	3.12	53	215618	84.795	ug/l	98
16) Acetone	2.43	43	198857	84.895	ug/l	98
17) Carbon Disulfide	2.56	76	218728	17.467	ug/l	98
18) Methyl Acetate	2.75	43	107235	18.477	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	278523	18.923	ug/l	97
20) Methylene Chloride	2.84	84	89600	17.337	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	84866	17.416	ug/l	97
22) Diisopropyl ether	3.82	45	278325	18.223	ug/l	95
23) Vinyl Acetate	3.79	43	1222500	90.331	ug/l	98
24) 1,1-Dichloroethane	3.67	63	159382	18.095	ug/l	98
25) 2-Butanone	4.65	43	305920	83.866	ug/l	99
26) 2,2-Dichloropropane	4.55	77	149083	18.319	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	97265	17.808	ug/l	100
28) Bromochloromethane	4.99	49	66330	16.093	ug/l	98
29) Tetrahydrofuran	5.10	42	194517	84.605	ug/l	98
30) Chloroform	5.18	83	170622	19.092	ug/l	100
31) Cyclohexane	5.55	56	128532	17.341	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	161161	19.222	ug/l	98
36) 1,1-Dichloropropene	5.77	75	120637	18.786	ug/l	98
37) Ethyl Acetate	4.80	43	125748	18.338	ug/l	99
38) Carbon Tetrachloride	5.76	117	150110	21.106	ug/l	91

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Manual Integrations
 APPROVED

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 9/24/2020 1:39:33 PM

Quant Time: Sep 24 01:02:41 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)
39) Methylcyclohexane	7.44	83	128563	17.820	ug/l	96
40) Benzene	6.12	78	346691	18.838	ug/l	98
41) Methacrylonitrile	5.00	41	67705	17.769	ug/l	96
42) 1,2-Dichloroethane	6.17	62	148042	20.677	ug/l	100
43) Isopropyl Acetate	6.42	43	201019	17.665	ug/l	98
44) Trichloroethene	7.19	130	97966	18.388	ug/l	95
45) 1,2-Dichloropropane	7.49	63	94714	18.750	ug/l	89
46) Dibromomethane	7.64	93	67857	19.553	ug/l	99
47) Bromodichloromethane	7.88	83	137835	19.707	ug/l	100
48) Methyl methacrylate	7.74	41	96309	17.388	ug/l	95
49) 1,4-Dioxane	7.76	88	28777	314.436	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	629201	92.864	ug/l	99
52) Toluene	8.77	92	222211	19.188	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	148991	18.748	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	154510	18.872	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	95017	19.773	ug/l	98
56) Ethyl methacrylate	9.16	69	131789	18.496	ug/l	99
57) 1,3-Dichloropropane	9.35	76	154099	19.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	321338	84.823	ug/l	100
59) 2-Hexanone	9.48	43	467314	90.679	ug/l	99
60) Dibromochloromethane	9.57	129	115313	20.124	ug/l	98
61) 1,2-Dibromoethane	9.65	107	100412	19.639	ug/l	99
64) Tetrachloroethene	9.32	164	100955	20.459	ug/l	96
65) Chlorobenzene	10.12	112	246306	19.084	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	100059	19.326	ug/l	98
67) Ethyl Benzene	10.24	91	425031	19.026	ug/l	97
68) m/p-Xylenes	10.34	106	323132	38.238	ug/l	100
69) o-Xylene	10.68	106	151938	18.987	ug/l	96
70) Styrene	10.70	104	255678	18.504	ug/l	97
71) Bromoform	10.84	173	80148	18.437	ug/l #	95
73) Isopropylbenzene	11.00	105	423017	19.314	ug/l	99
74) N-amyl acetate	10.88	43	164440	16.677	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	133739	18.448	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	125293m	18.186	ug/l	
77) Bromobenzene	11.24	156	112647	18.641	ug/l	98
78) n-propylbenzene	11.34	91	480903	18.759	ug/l	98
79) 2-Chlorotoluene	11.40	91	290704	18.734	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	364067	19.437	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	47461	17.653	ug/l	96
82) 4-Chlorotoluene	11.49	91	348251	18.879	ug/l	99
83) tert-Butylbenzene	11.76	119	336936	18.527	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	367066	19.459	ug/l	99
85) sec-Butylbenzene	11.93	105	400358	18.658	ug/l	99
86) p-Isopropyltoluene	12.05	119	380919	19.316	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	197450	18.173	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	206044	18.703	ug/l	98
89) n-Butylbenzene	12.37	91	328138	17.974	ug/l	100
90) Hexachloroethane	12.58	117	70221	17.836	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	199418	19.609	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32721	18.593	ug/l	97

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Acq On : 23 Sep 2020 19:08
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

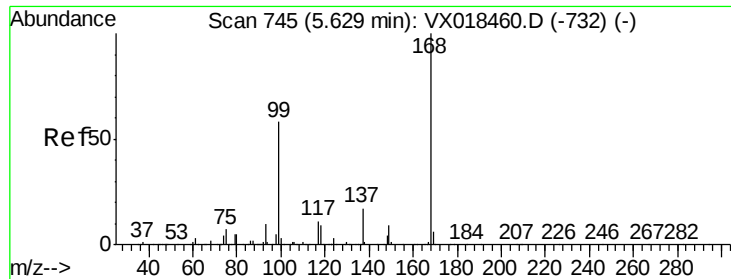
Manual Integrations
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9/24/2020 1:39:33 PM

Quant Time: Sep 24 01:02:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125686	17.758	ug/l	97
94) Hexachlorobutadiene	13.76	225	59423	20.007	ug/l	97
95) Naphthalene	13.82	128	386656	18.089	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	128469	18.993	ug/l	98

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



#1

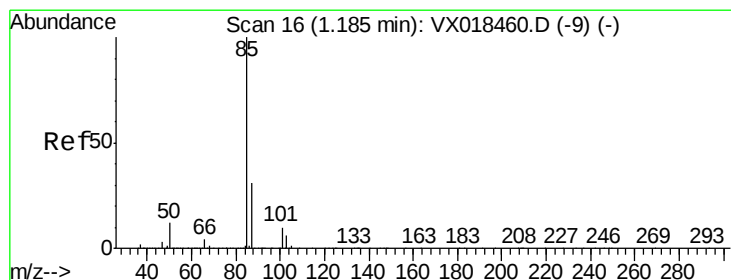
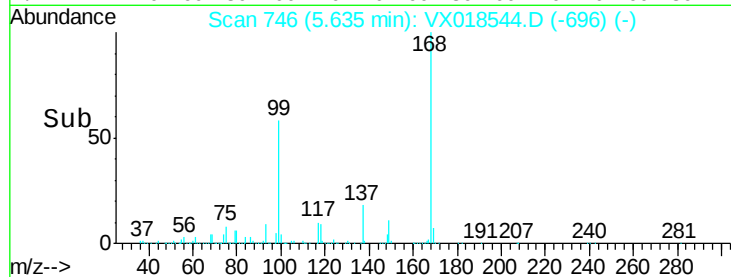
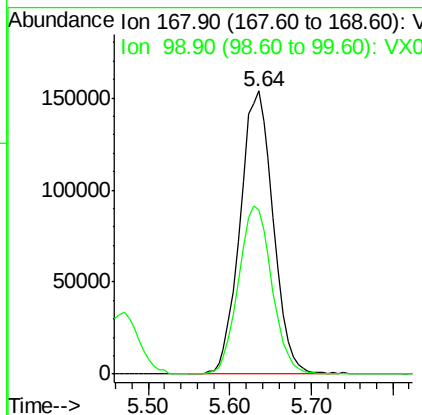
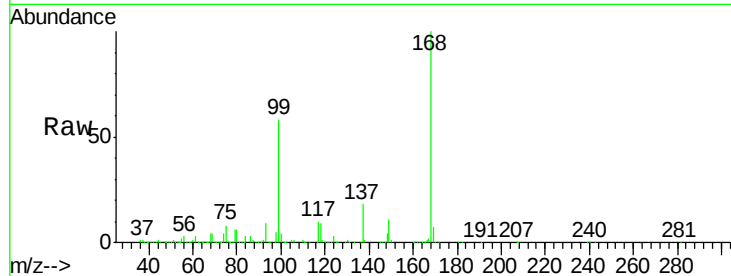
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.1	46.5	69.7

Manual Integrations
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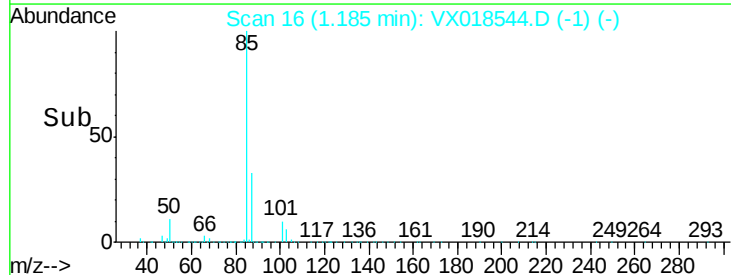
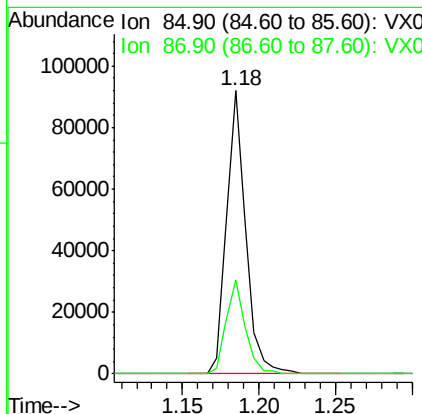
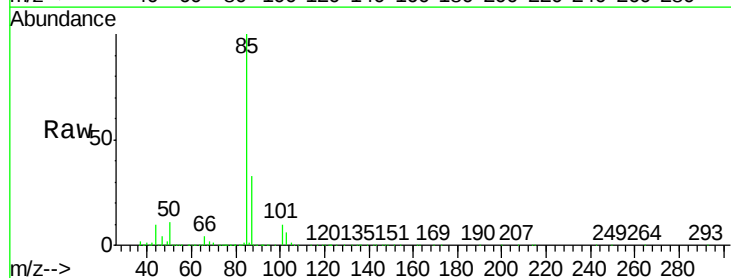
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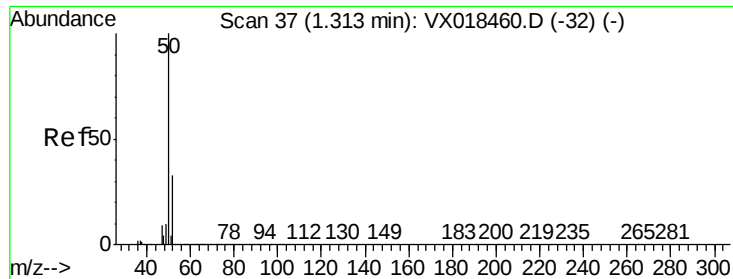


#2

Dichlorodifluoromethane
 Concen: 19.417 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.7	47.1





#3

Chloromethane

Concen: 17.657 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 50 Resp: 84854

Ion Ratio Lower Upper

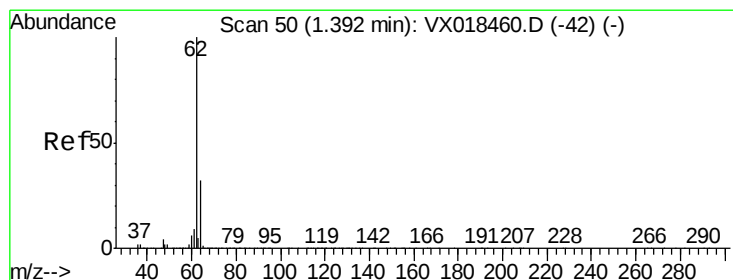
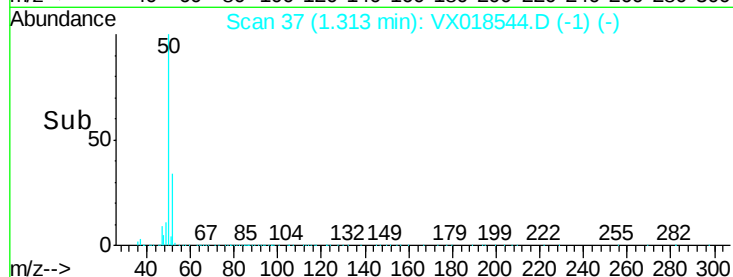
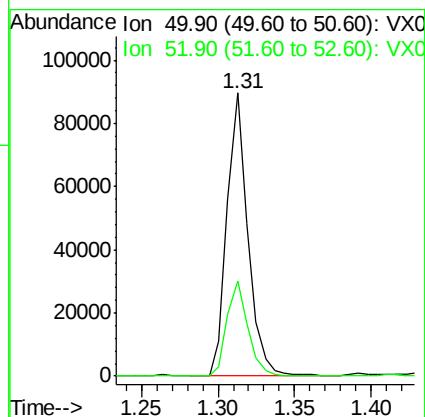
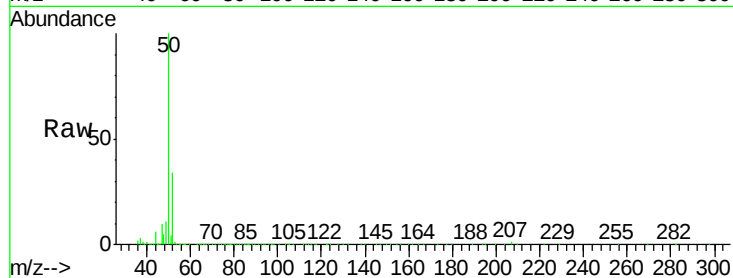
50 100

52 33.6 26.6 40.0

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#4

Vinyl Chloride

Concen: 18.115 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018544.D

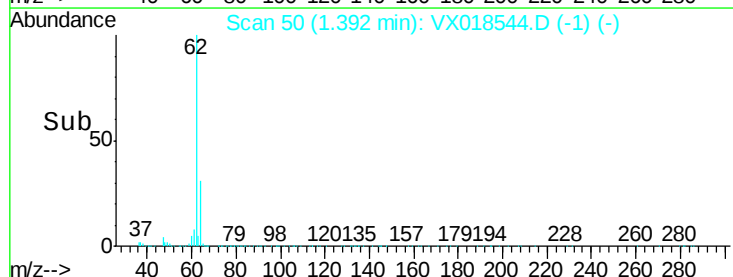
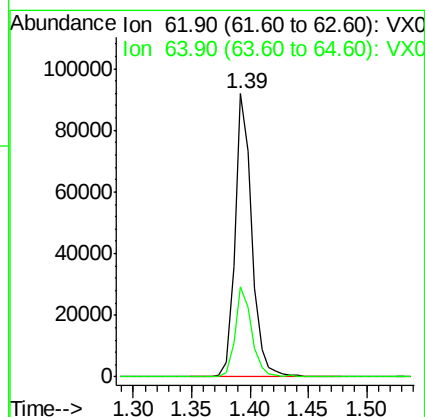
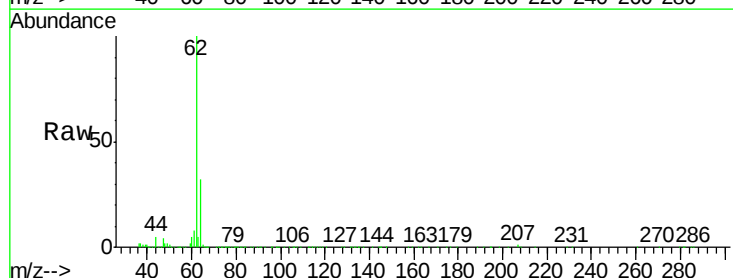
Acq: 23 Sep 2020 19:08

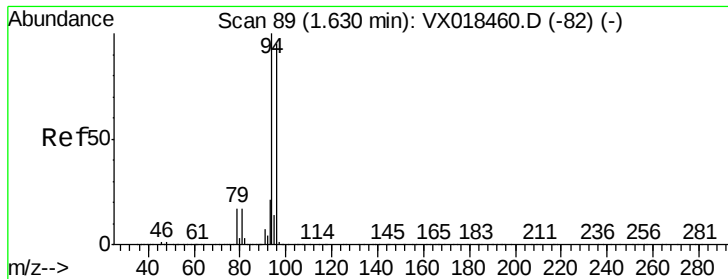
Tgt Ion: 62 Resp: 92160

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 20.459 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 94 Resp: 63883

Ion Ratio Lower Upper

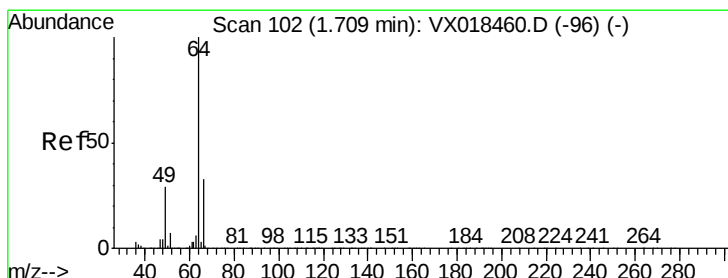
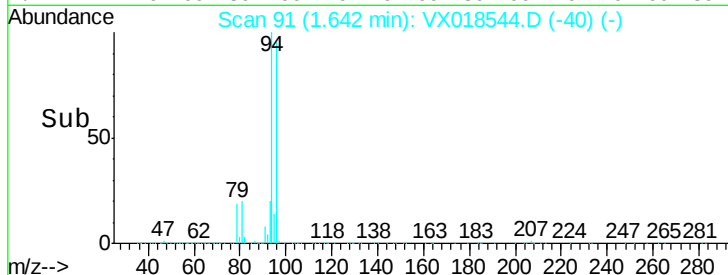
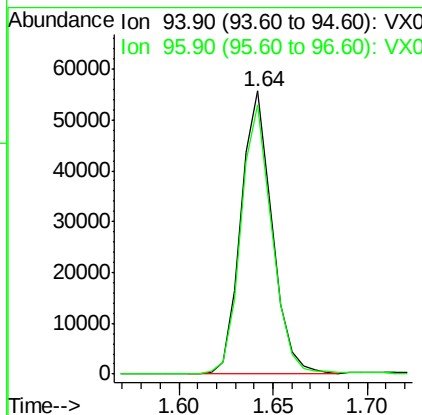
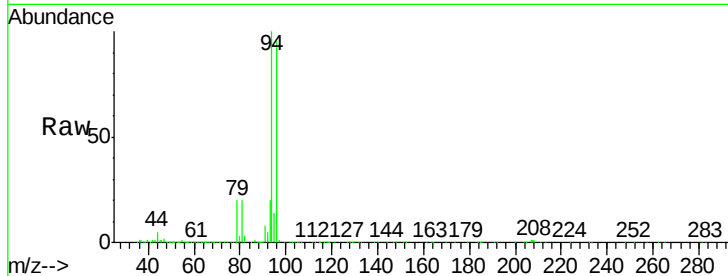
94 100

96 95.3 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 18.927 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018544.D

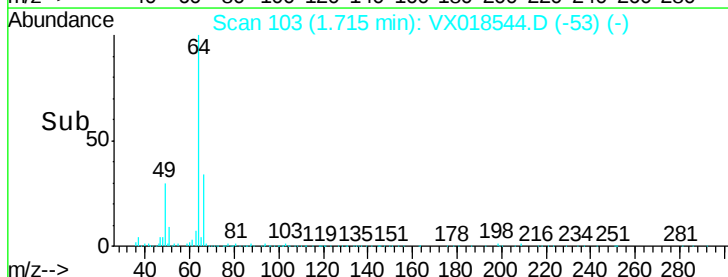
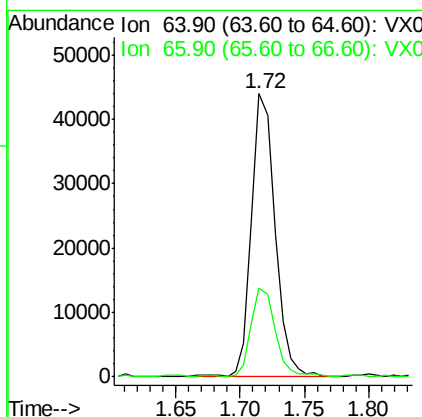
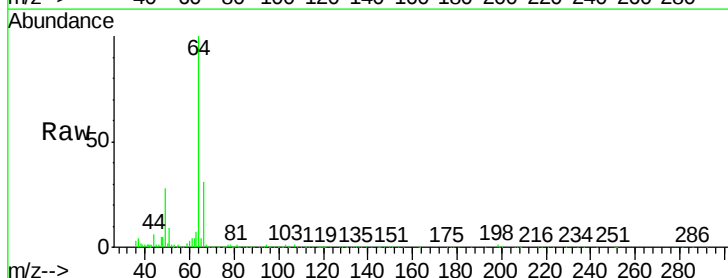
Acq: 23 Sep 2020 19:08

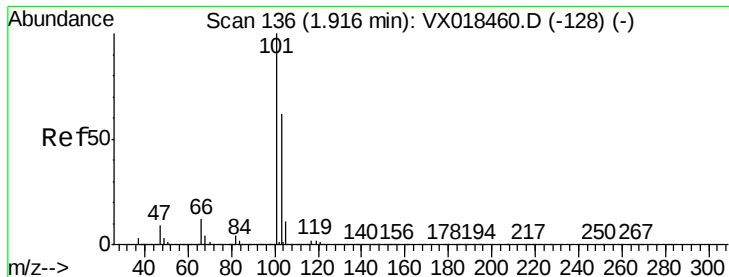
Tgt Ion: 64 Resp: 55110

Ion Ratio Lower Upper

64 100

66 31.5 26.2 39.4





#7

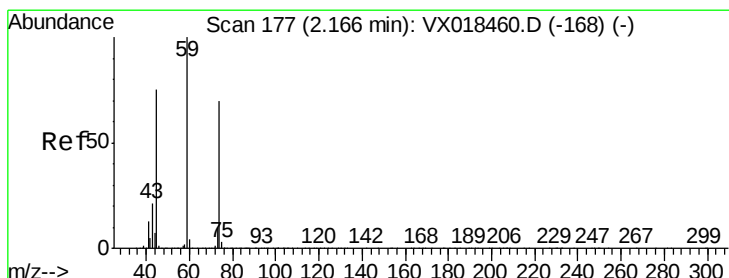
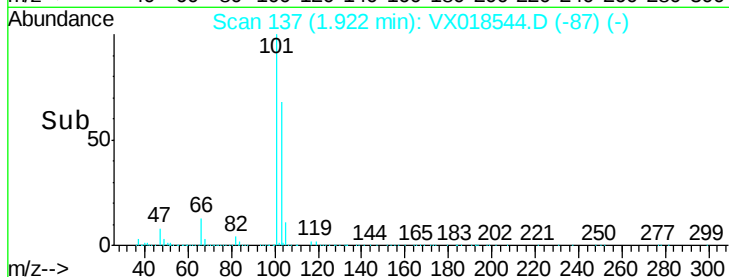
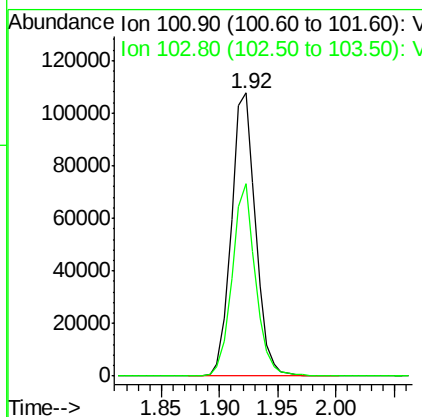
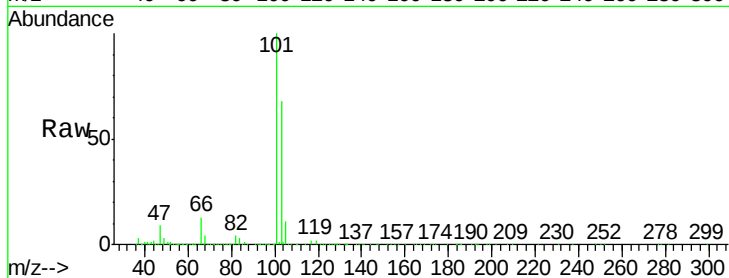
Trichlorofluoromethane
 Concen: 20.195 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.2	49.6	74.4

Manual Integrations
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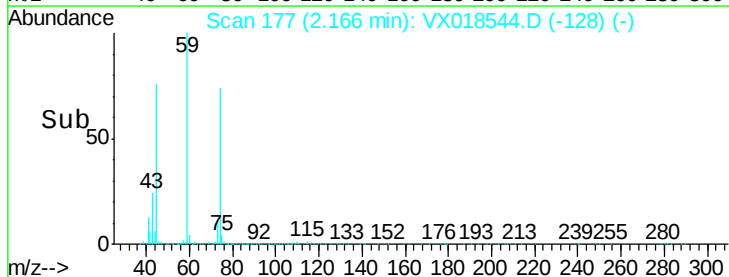
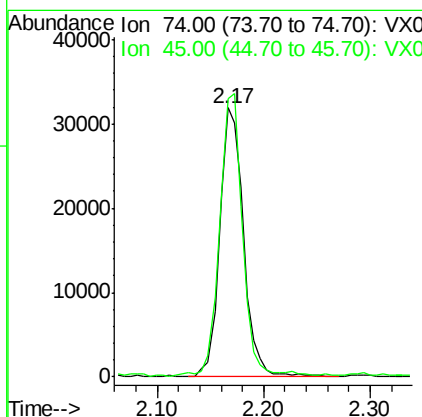
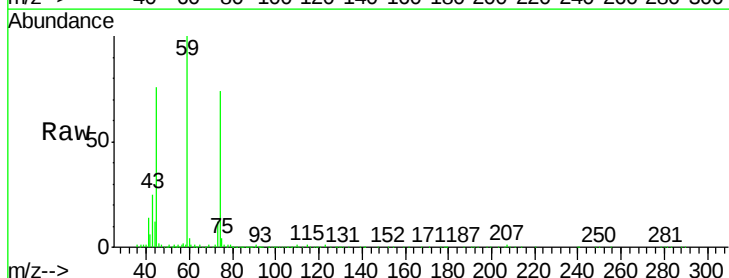
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 9/24/2020 1:39:33 PM

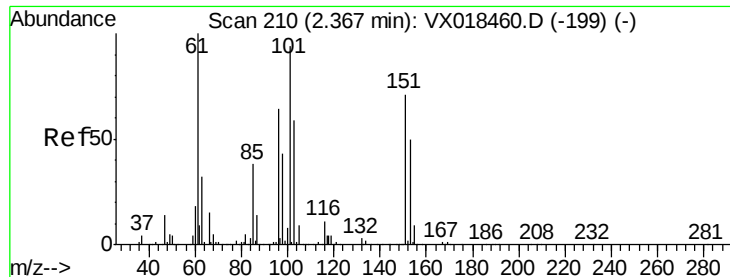


#8

Diethyl Ether
 Concen: 18.137 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.404 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

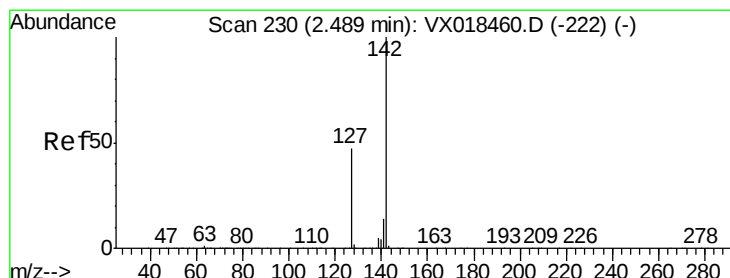
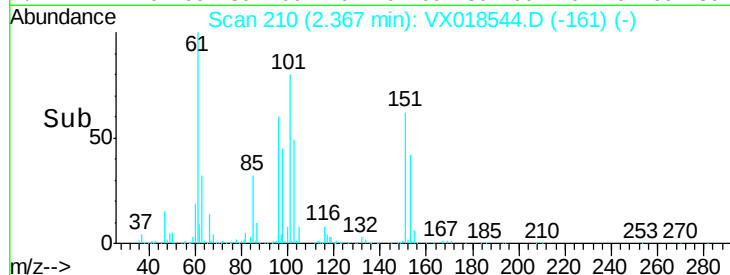
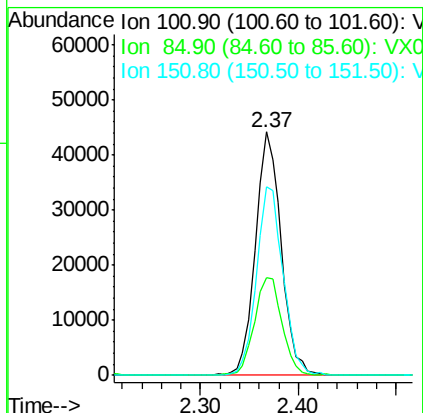
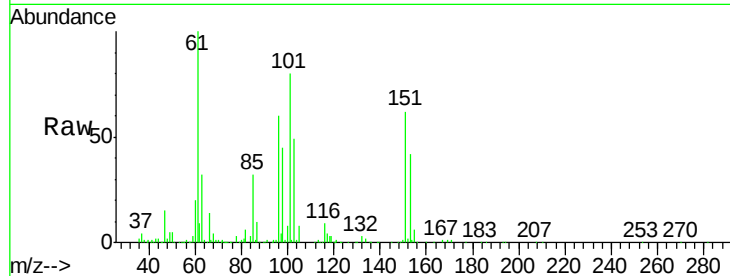
ClientSampleId :

VX0923WBSD01

Tot Ion:	101	Resp:	80720
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.7	52.1
151	80.4	64.9	97.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.720 ug/l

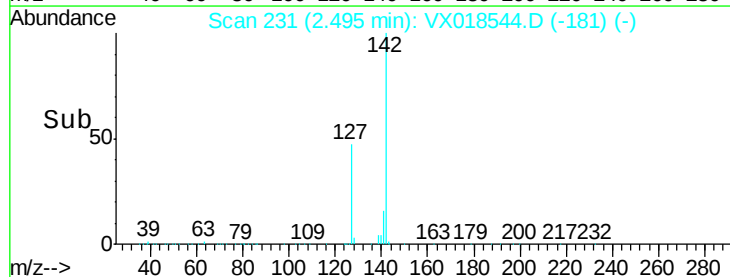
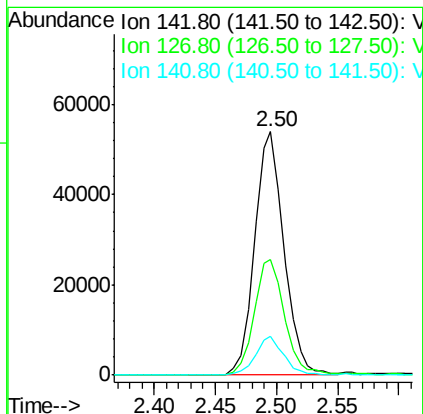
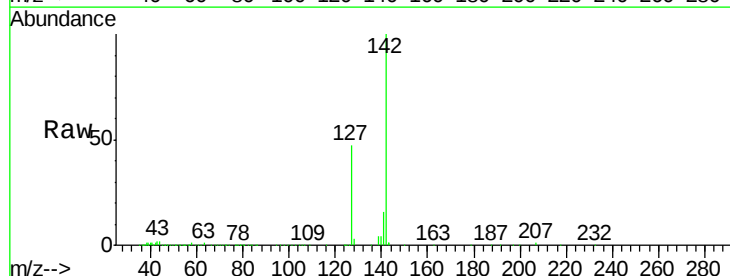
RT: 2.50 min Scan# 231

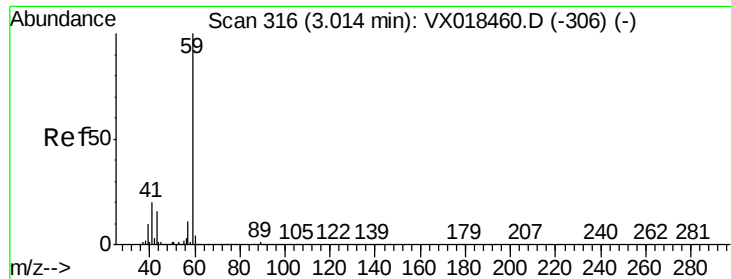
Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion:	142	Resp:	90223
Ion Ratio	Lower	Upper	
142	100		
127	49.9	36.0	54.0
141	15.0	11.9	17.9





#11

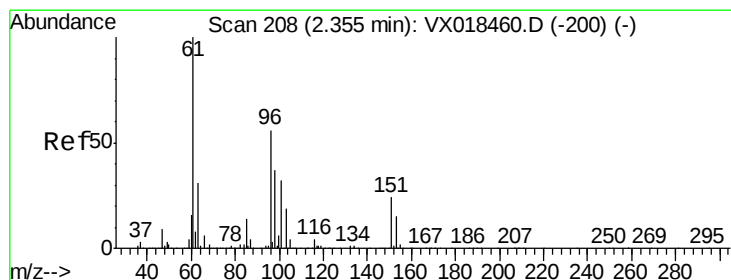
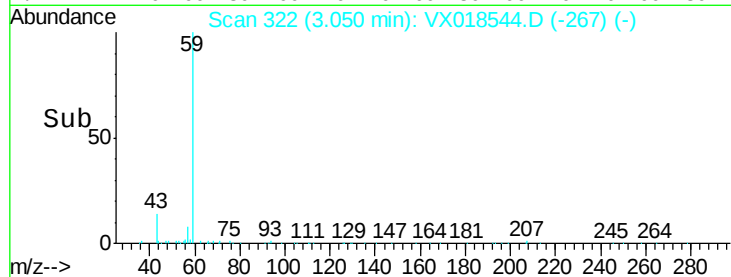
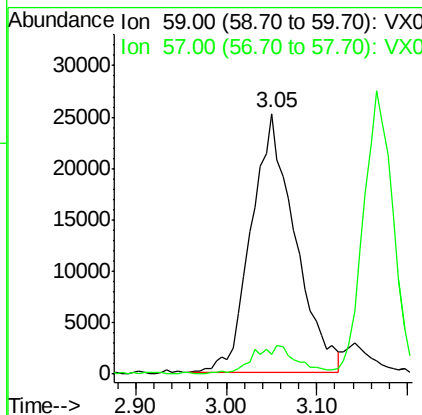
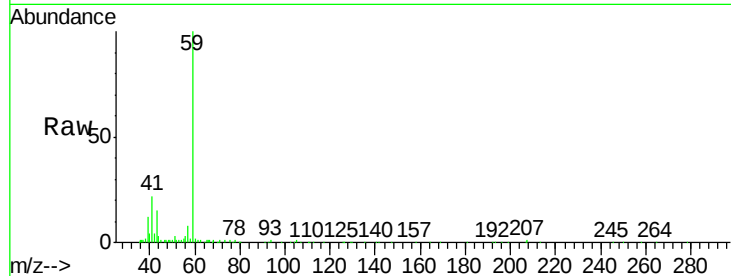
Tert butyl alcohol
Concen: 78.996 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	59	Resp	84187
Ion Ratio	100	Lower	Upper
57	11.6	8.2	12.4

Manual Integrations
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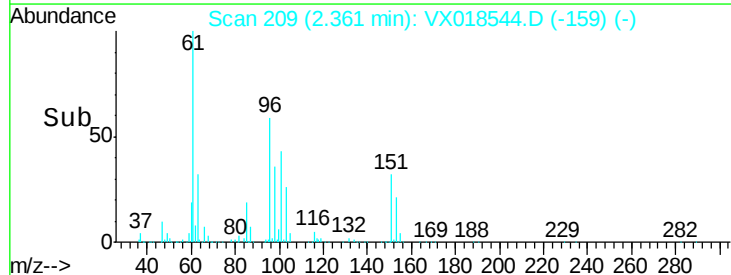
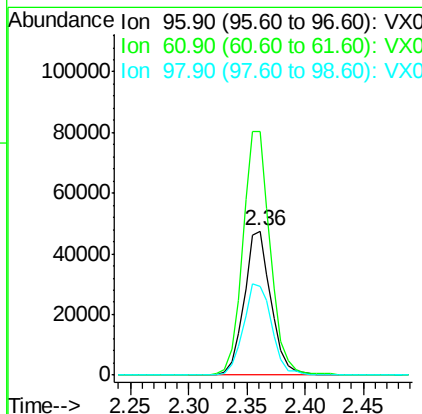
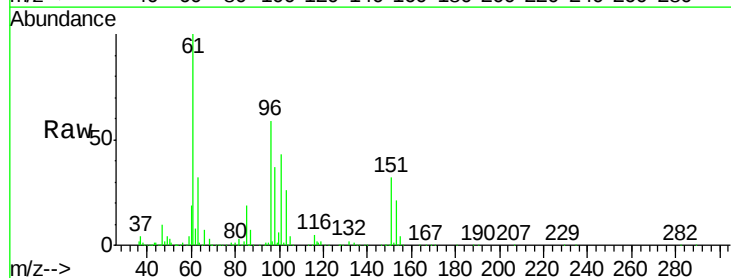
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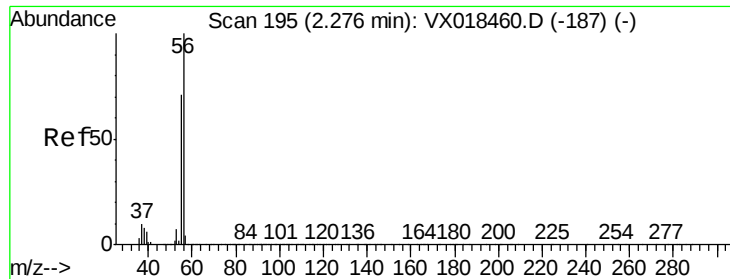


#12

1,1-Dichloroethene
Concen: 18.199 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	96	Resp	76309
Ion Ratio	100	Lower	Upper
61	168.5	142.2	213.4
98	61.5	52.4	78.6





#13

Acrolein

Concen: 79.266 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 56 Resp: 53488

Ion Ratio Lower Upper

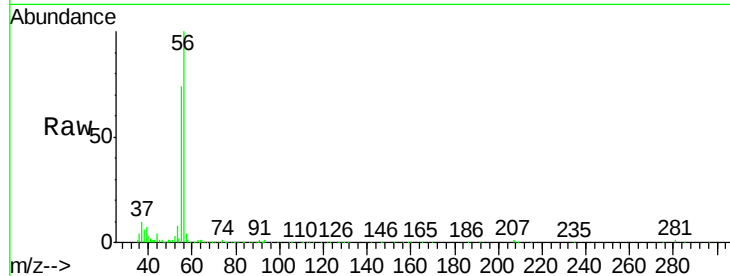
56 100

55 72.4 58.2 87.4

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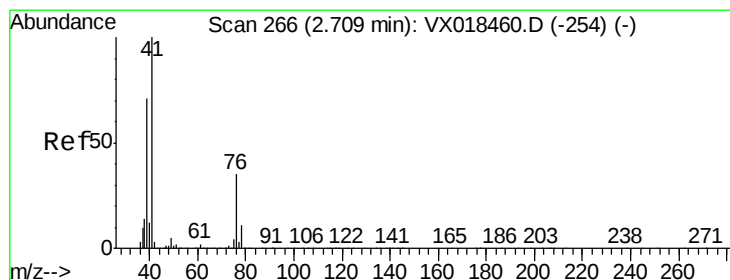
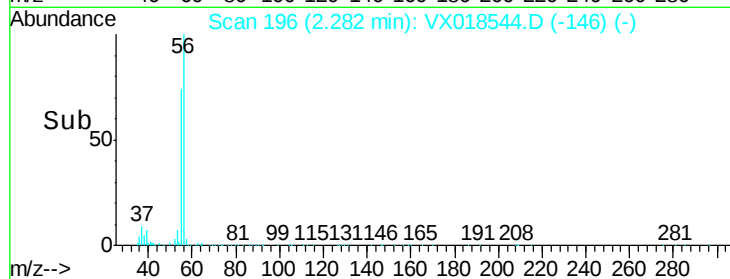
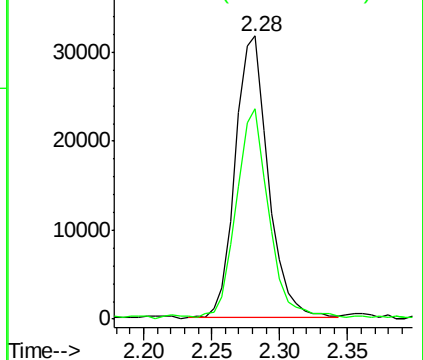
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 16.930 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

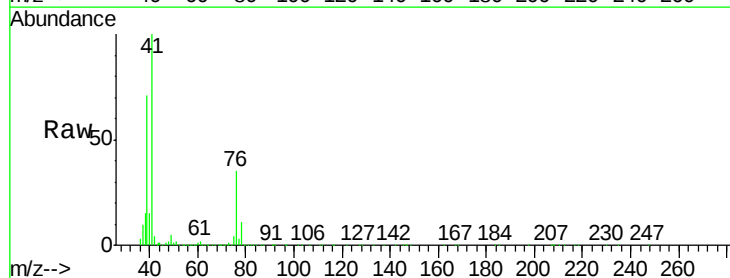
Tgt Ion: 41 Resp: 137558

Ion Ratio Lower Upper

41 100

39 71.8 51.1 76.7

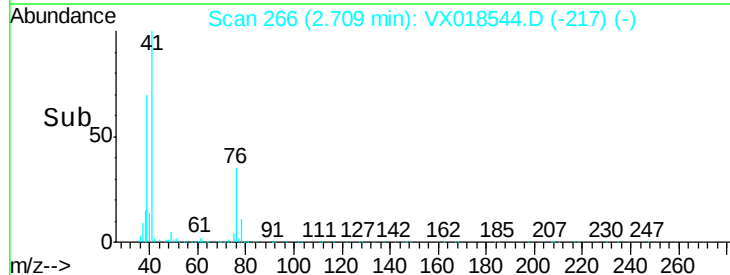
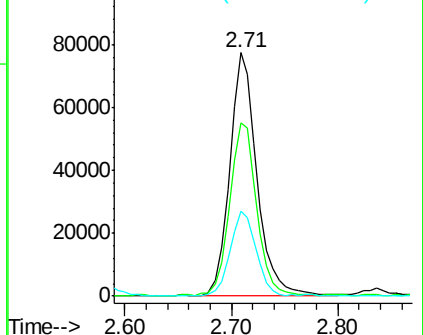
76 33.5 26.0 39.0

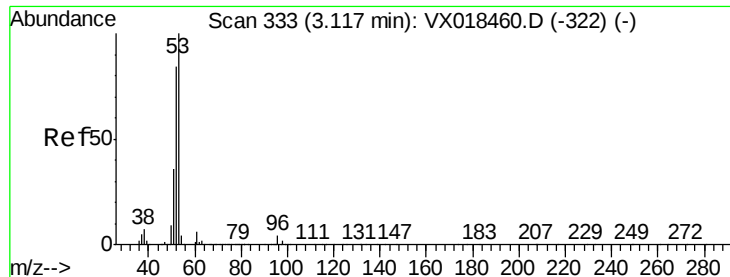


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





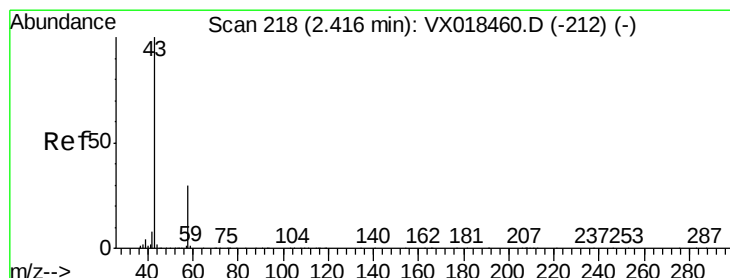
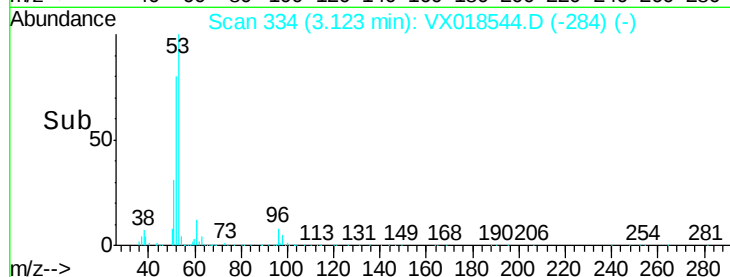
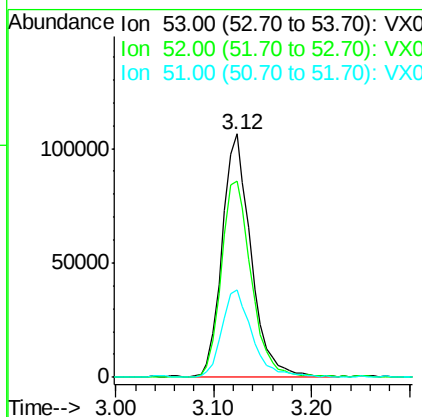
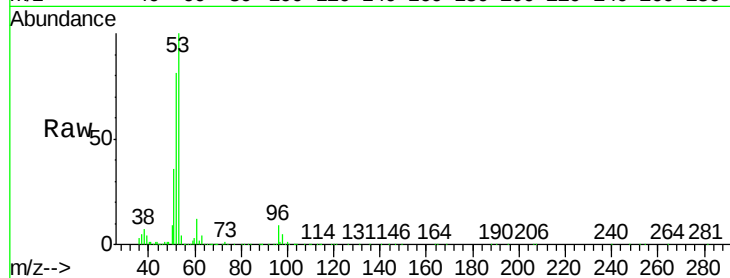
#15
 Acrylonitrile
 Concen: 84.795 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion:	53	Resp:	215618
Ion Ratio	Lower	Upper	
53	100		
52	84.5	65.8	98.8
51	37.7	29.2	43.8

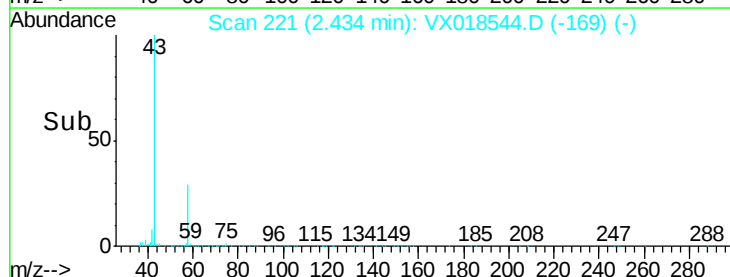
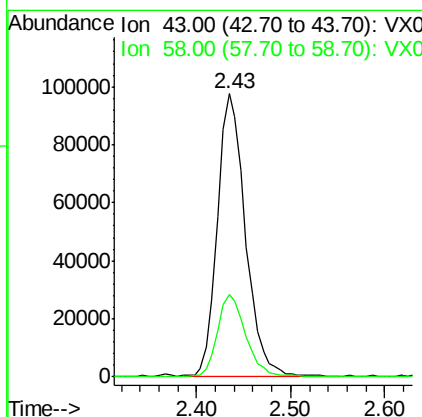
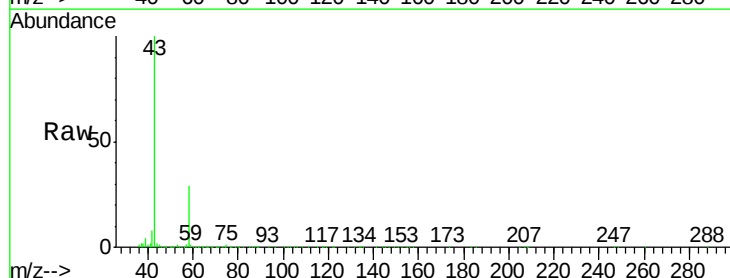
Manual Integrations
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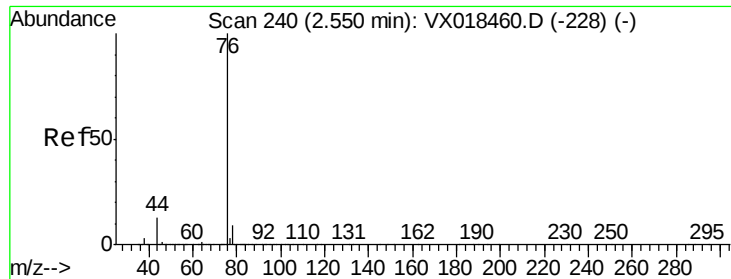
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#16
 Acetone
 Concen: 84.895 ug/l
 RT: 2.43 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion:	43	Resp:	198857
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.0	36.0





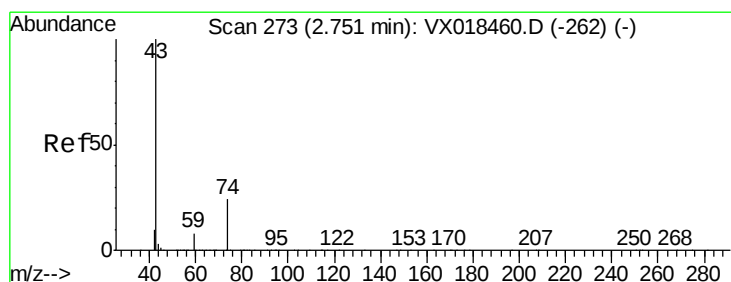
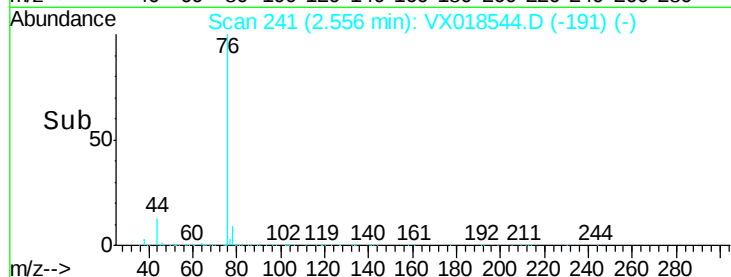
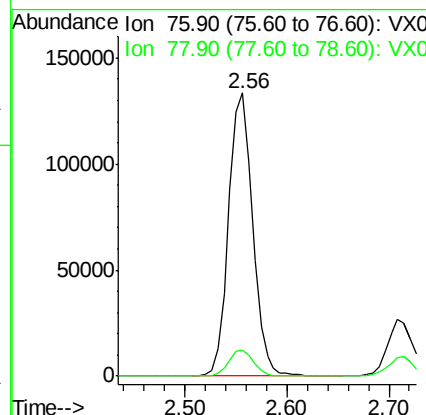
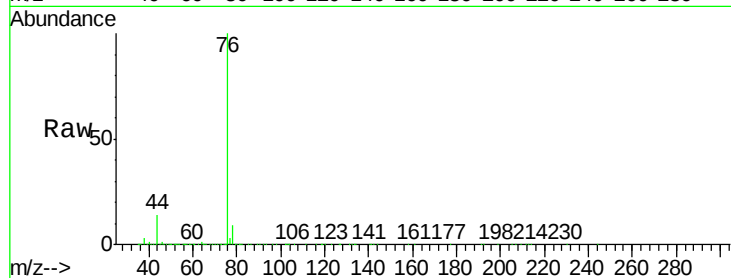
#17
Carbon Disulfide
Concen: 17.467 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.4

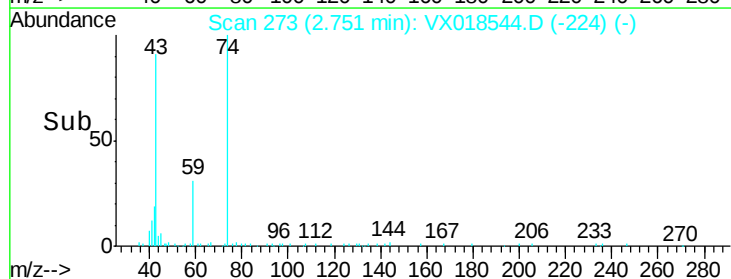
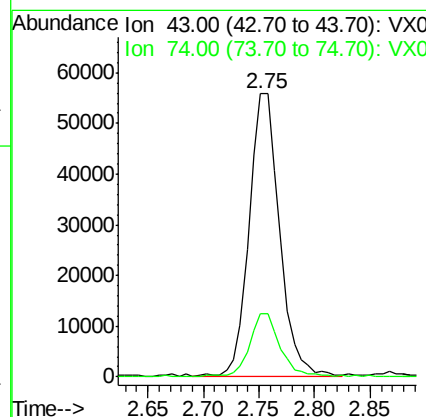
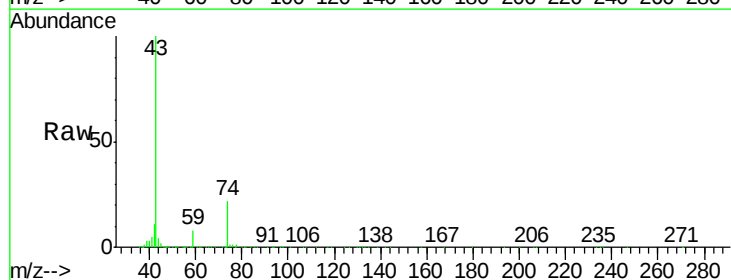
Manual Integrations
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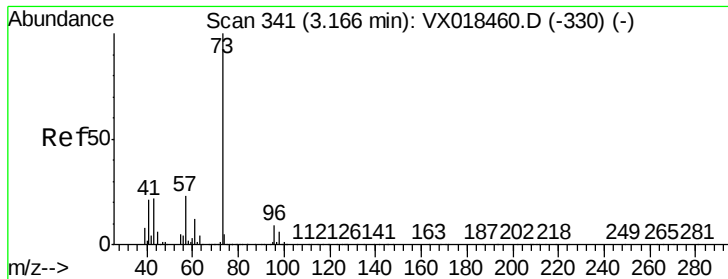
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#18
Methyl Acetate
Concen: 18.477 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.3	27.5





#19

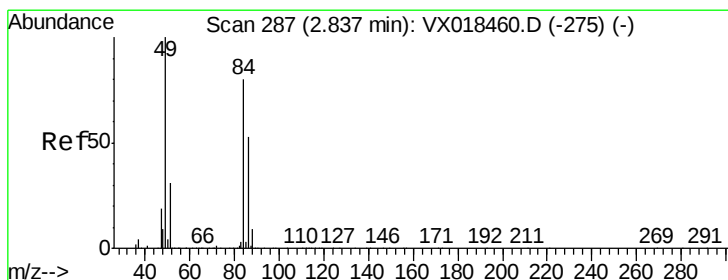
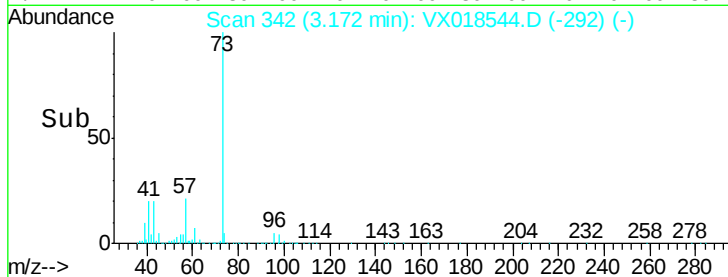
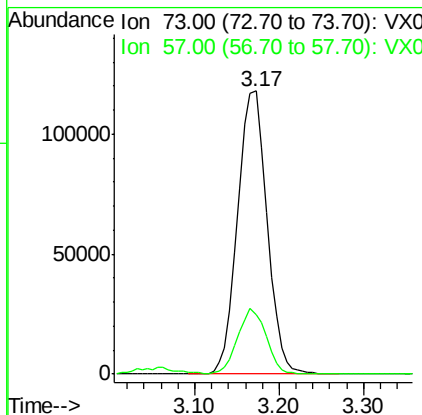
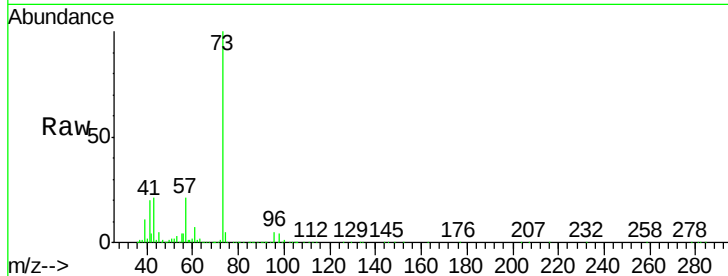
Methyl tert-butyl Ether
 Concen: 18.923 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	18.0	27.0

Manual Integrations
 APPROVED

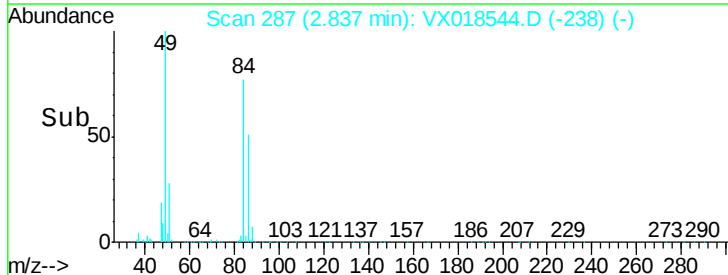
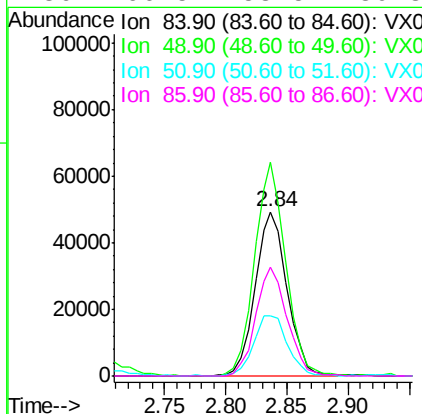
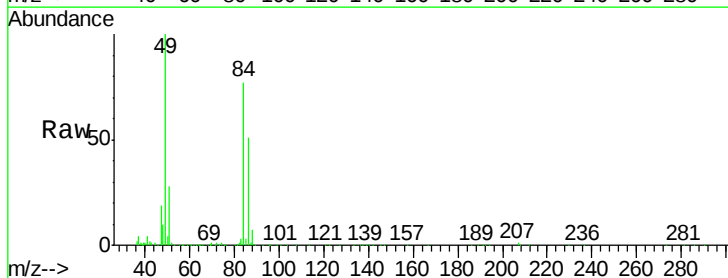
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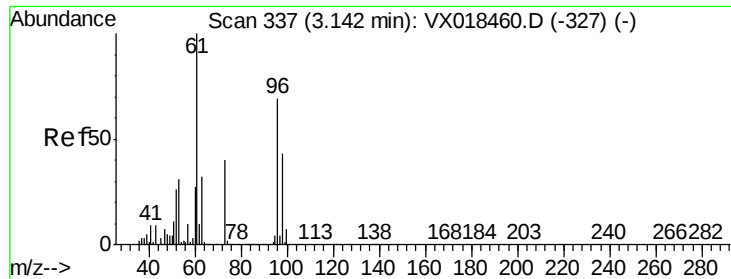


#20

Methylene Chloride
 Concen: 17.337 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.1	100.6	151.0
51	36.4	30.9	46.3
86	66.5	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 17.416 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

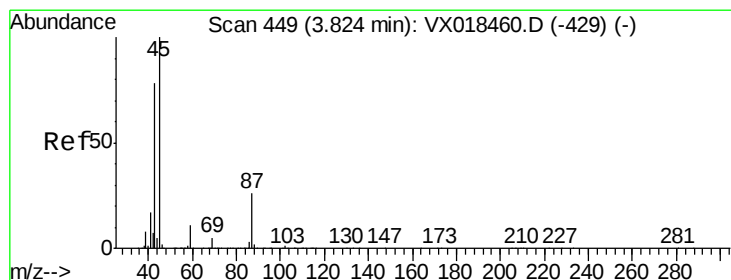
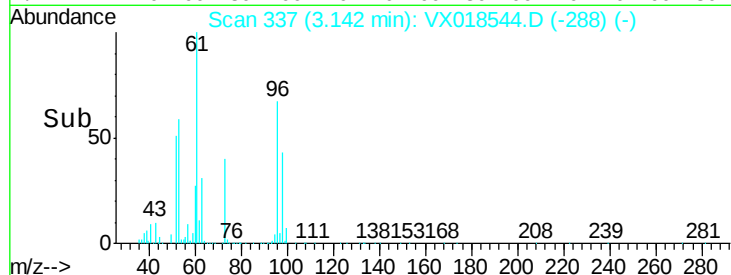
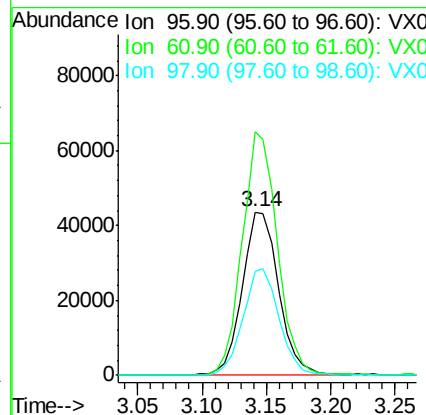
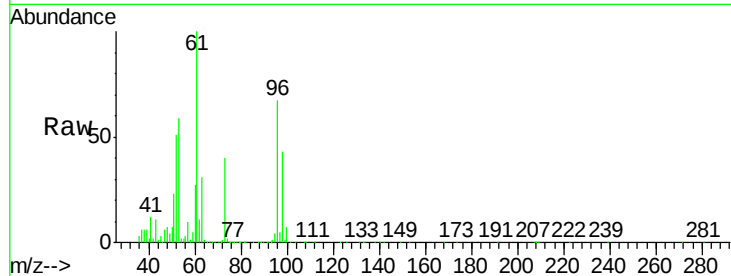
ClientSampleId :

VX0923WBSD01

Tot Ion:	96	Resp:	84866
Ion	Ratio	Lower	Upper
96	100		
61	149.0	115.6	173.4
98	63.7	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.223 ug/l

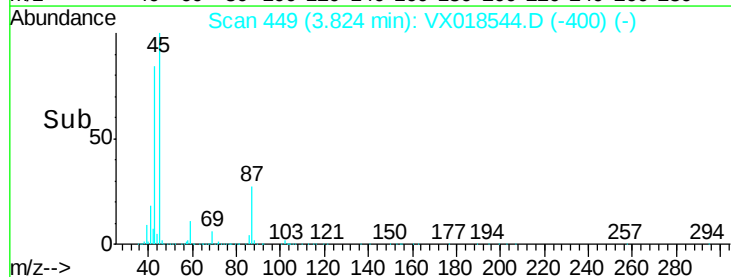
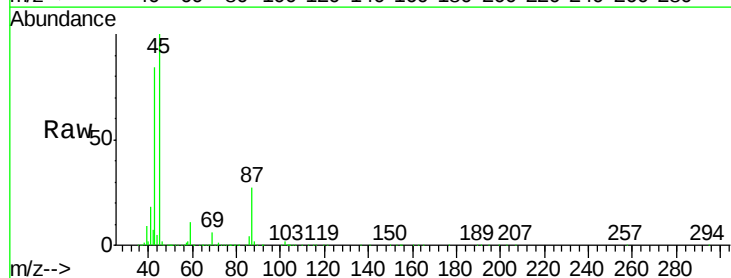
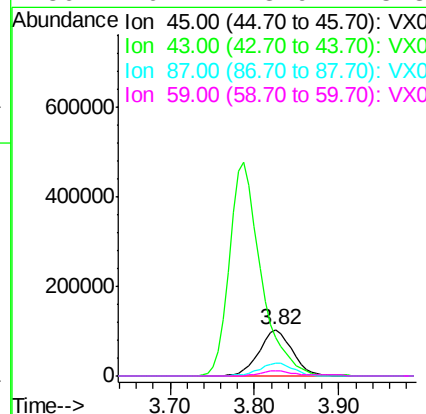
RT: 3.82 min Scan# 449

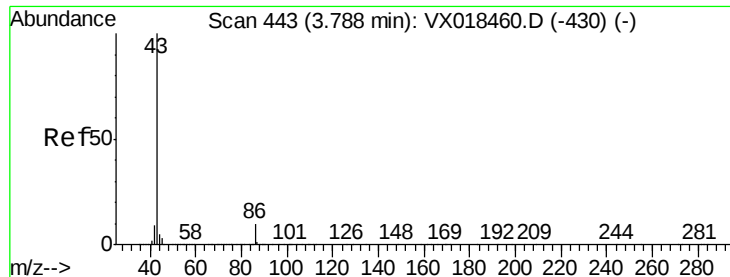
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion:	45	Resp:	278325
Ion	Ratio	Lower	Upper
45	100		
43	83.6	62.4	93.6
87	27.2	21.2	31.8
59	10.7	8.9	13.3





#23

Vinyl Acetate

Concen: 90.331 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 43 Resp: 1222500

Ion Ratio Lower Upper

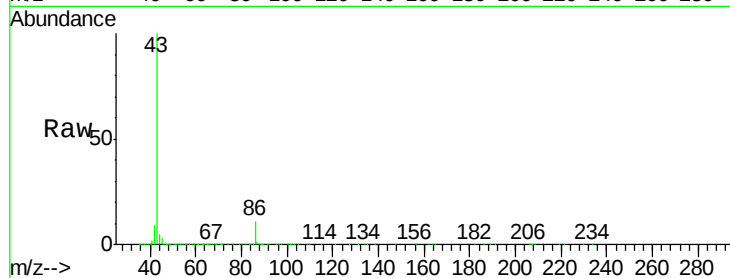
43 100

86 10.8 8.1 12.1

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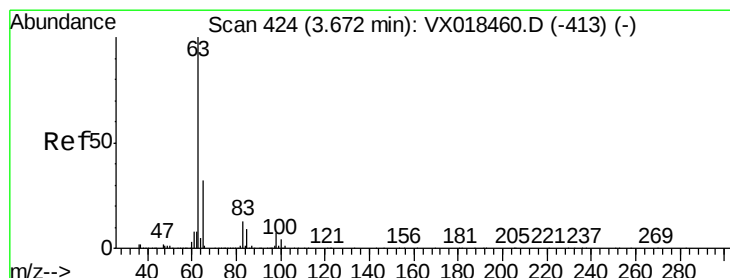
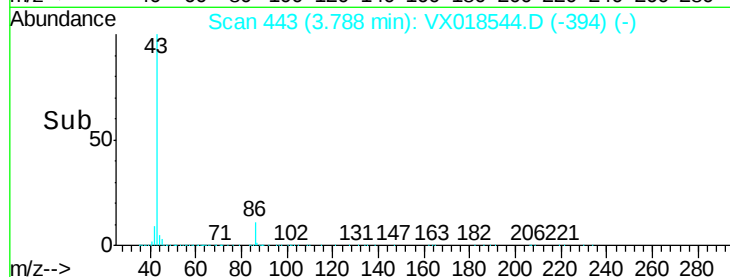
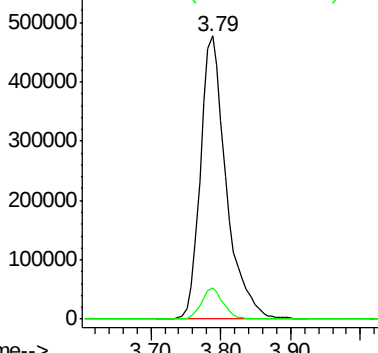
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.095 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

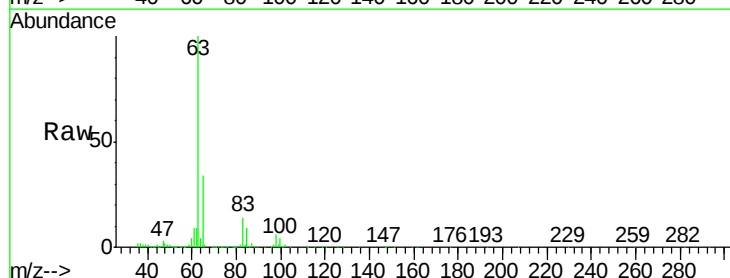
Tgt Ion: 63 Resp: 159382

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.6

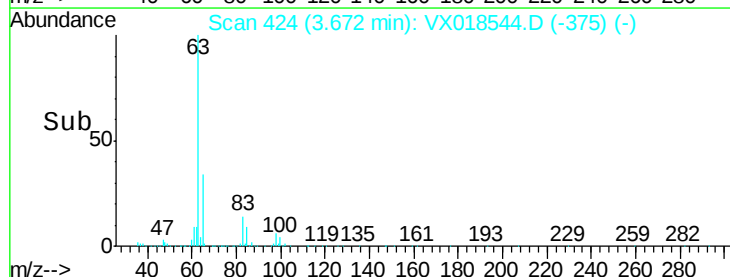
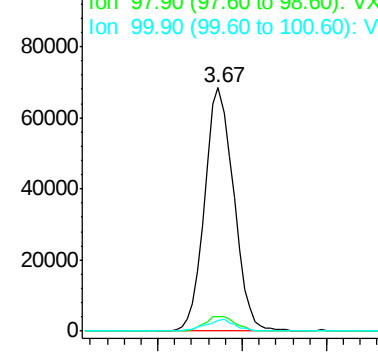
100 4.3 1.9 5.7

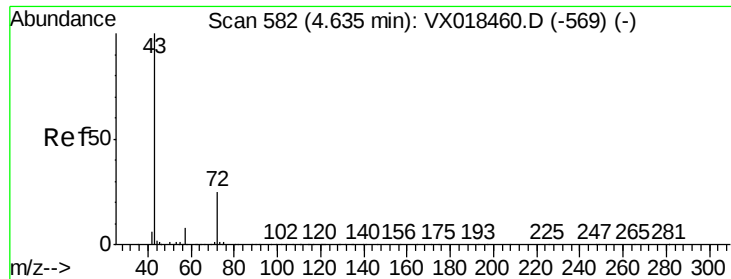


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 83.866 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 43 Resp: 305920

Ion Ratio Lower Upper

43 100

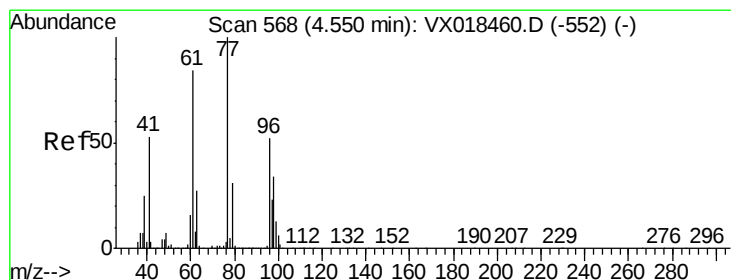
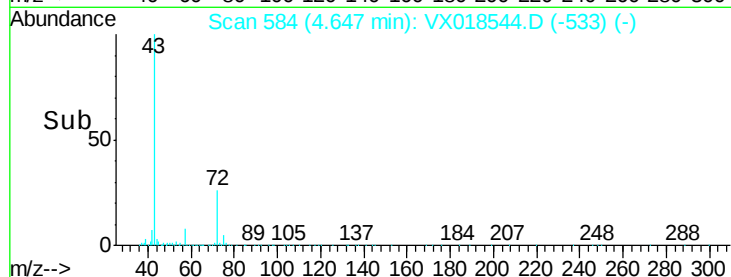
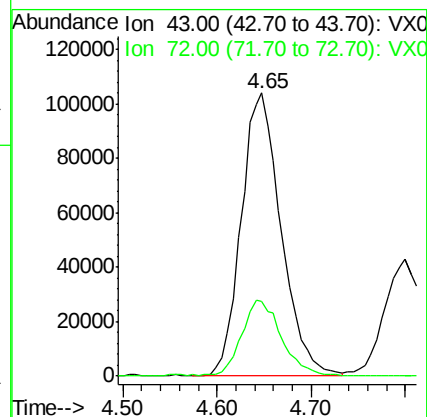
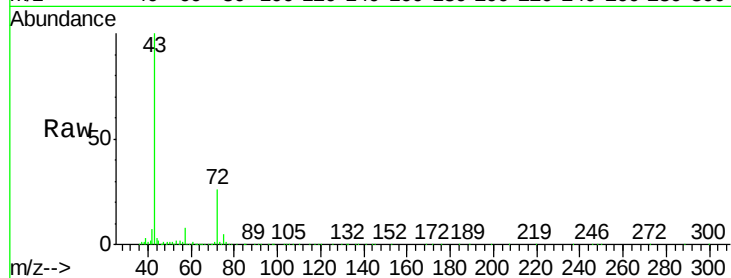
72 25.9 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.319 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018544.D

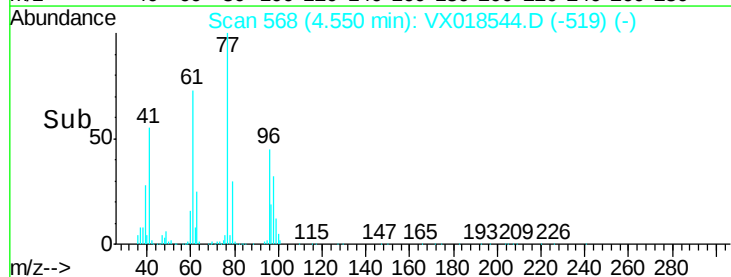
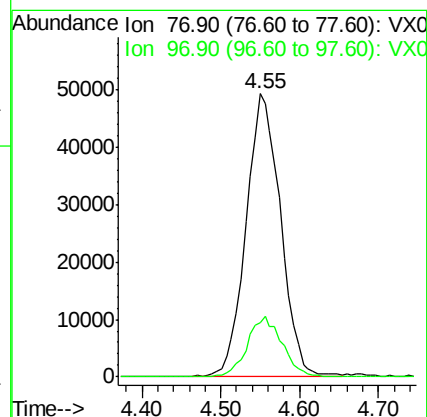
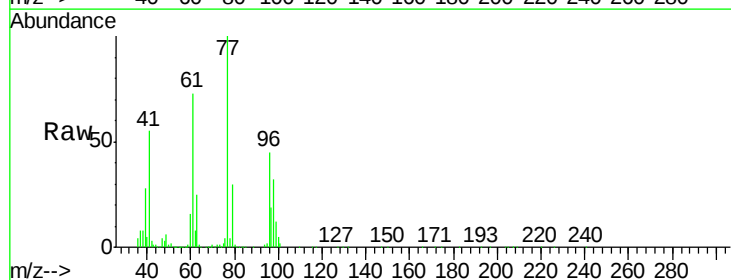
Acq: 23 Sep 2020 19:08

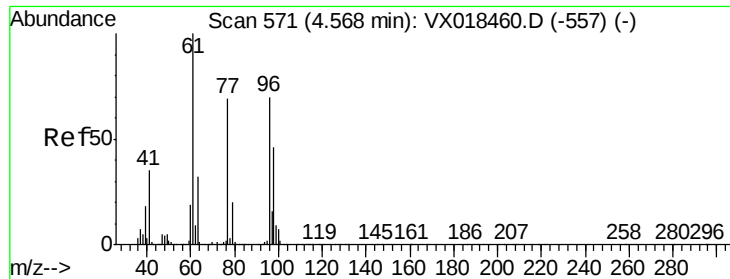
Tgt Ion: 77 Resp: 149083

Ion Ratio Lower Upper

77 100

97 21.6 11.2 33.5





#27

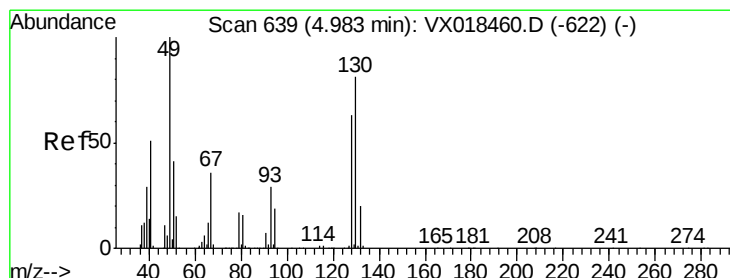
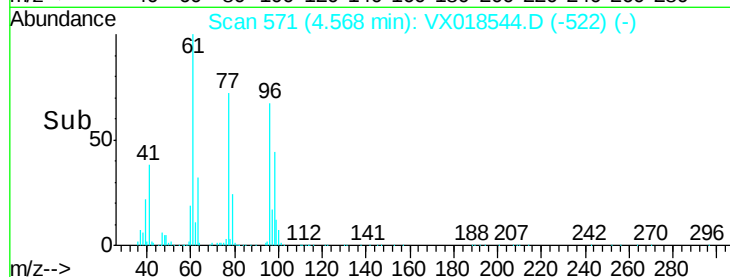
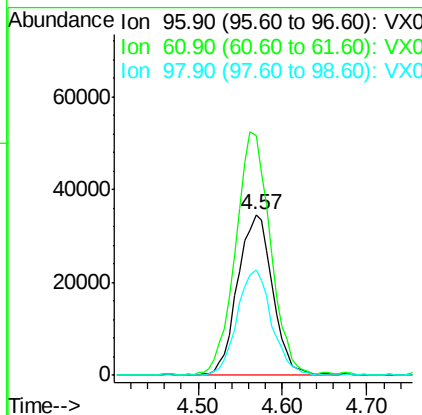
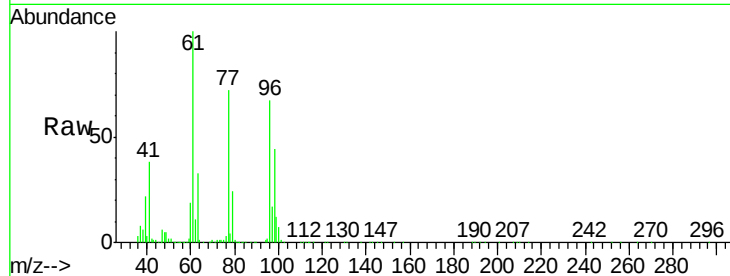
cis-1,2-Dichloroethene
Concen: 17.808 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.5	0.0	300.0	
98	65.0	0.0	130.4	

Manual Integrations
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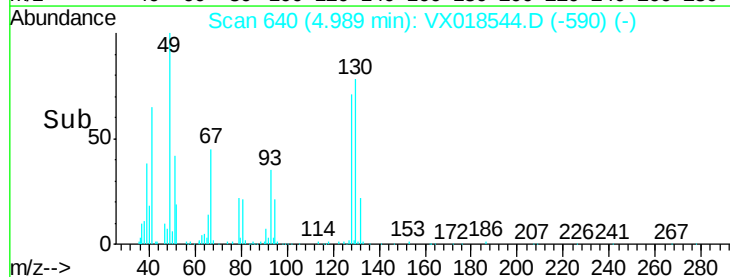
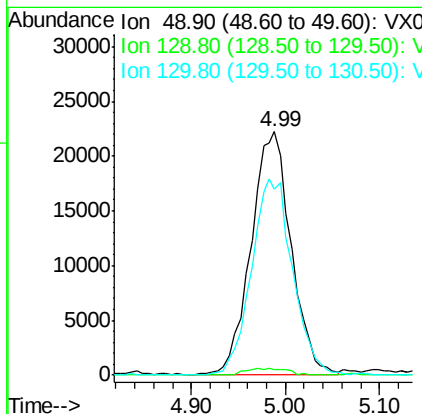
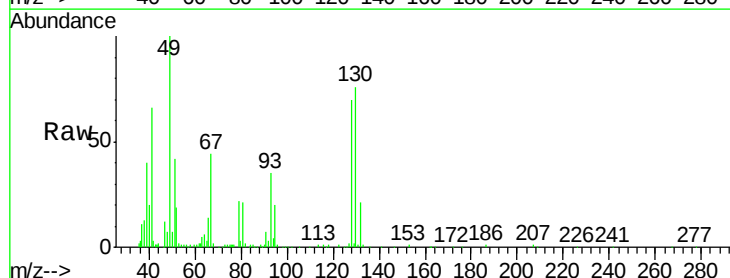
MMDadoda
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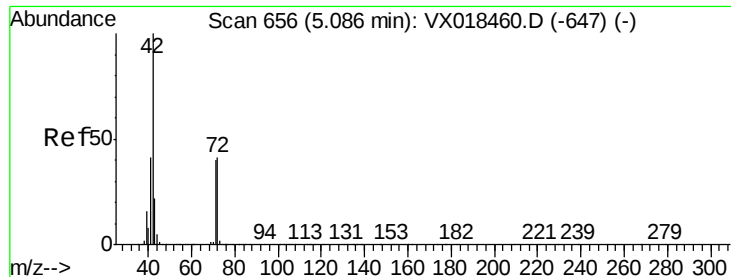


#28

Bromochloromethane
Concen: 16.093 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	4.6	
130	82.9	65.0	97.4	





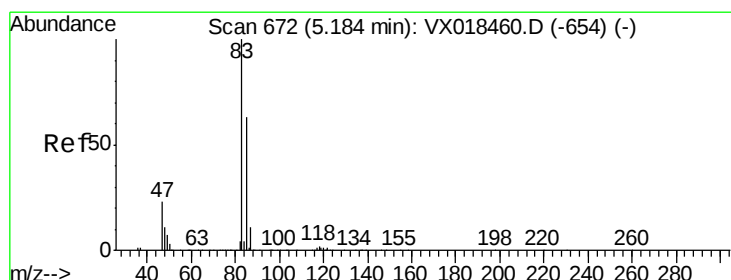
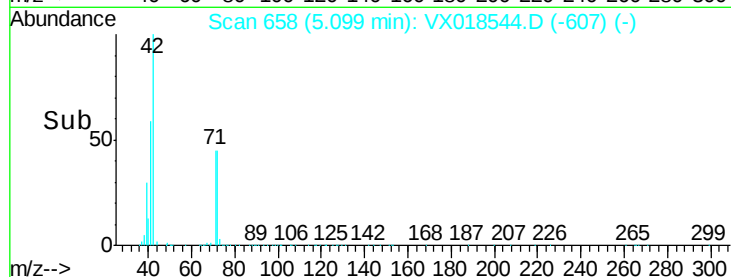
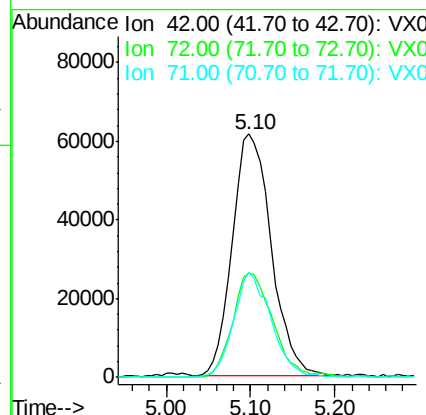
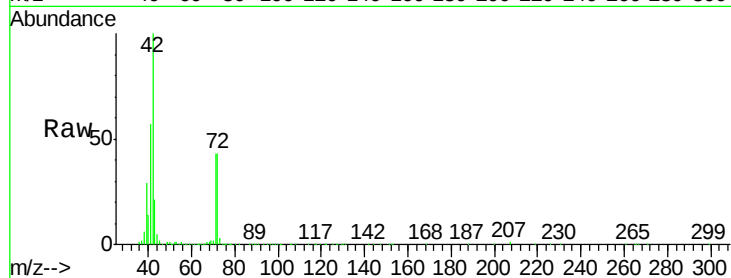
#29
Tetrahydrofuran
Concen: 84.605 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.3	51.5
71	41.6	32.1	48.1

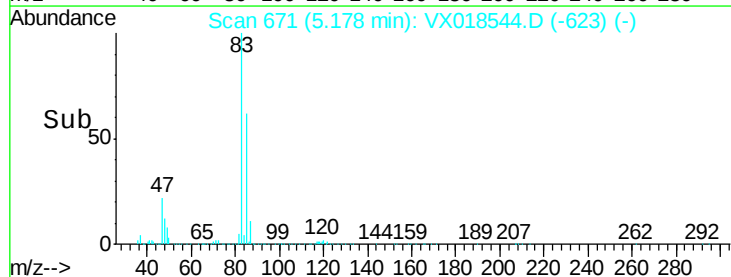
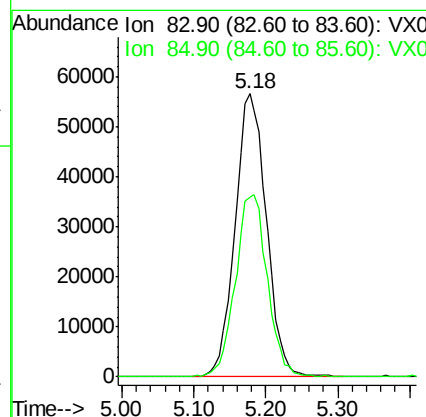
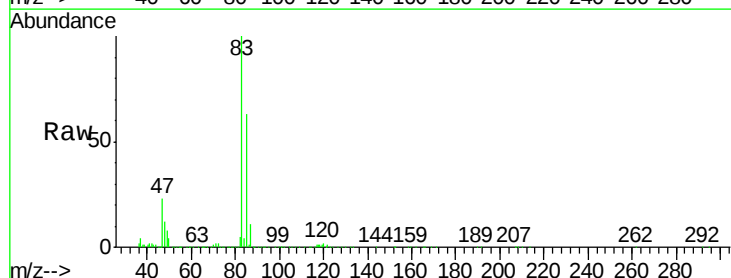
Manual Integrations
APPROVED

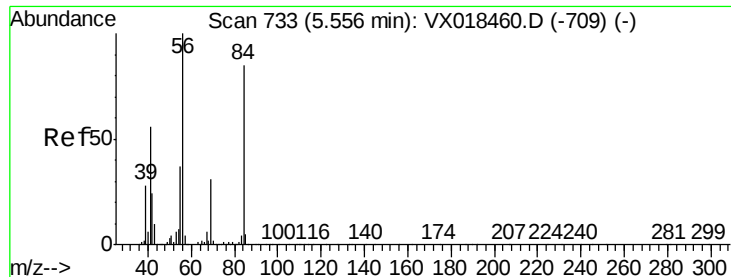
MMDadoda
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#30
Chloroform
Concen: 19.092 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.6	76.0





#31

Cyclohexane

Concen: 17.341 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

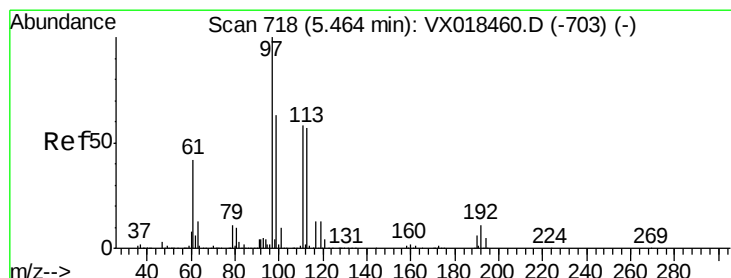
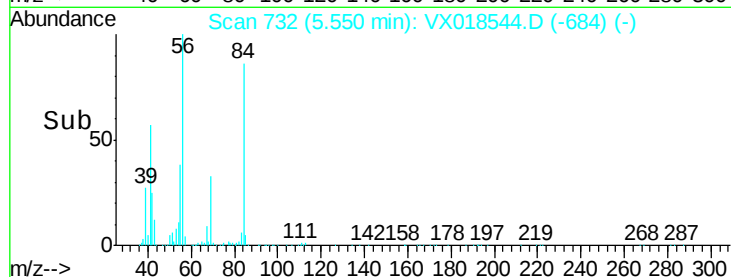
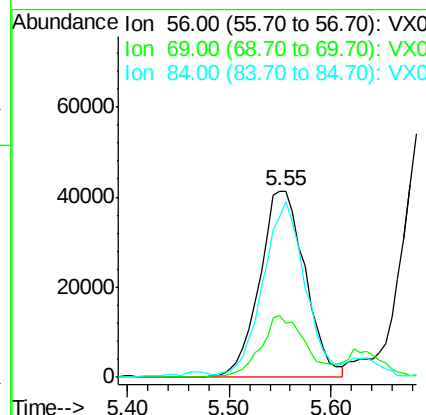
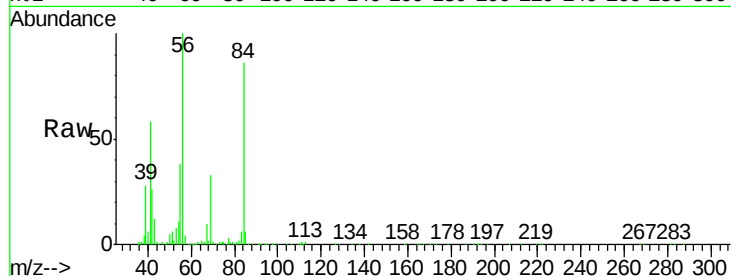
ClientSampleId :

VX0923WBSD01

Tot Ion	56	Resp	128532
Ion Ratio	Lower	Upper	
56	100		
69	32.4	24.8	37.2
84	83.5	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.222 ug/l

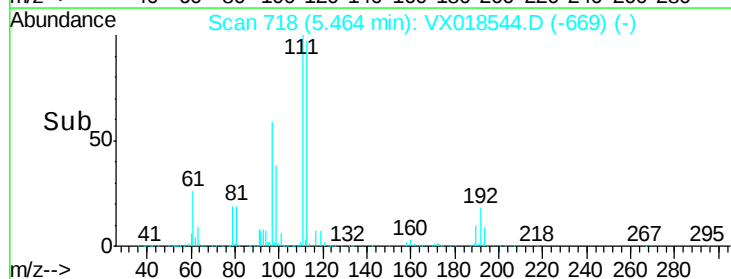
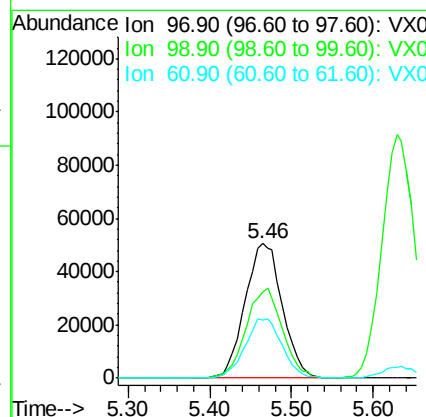
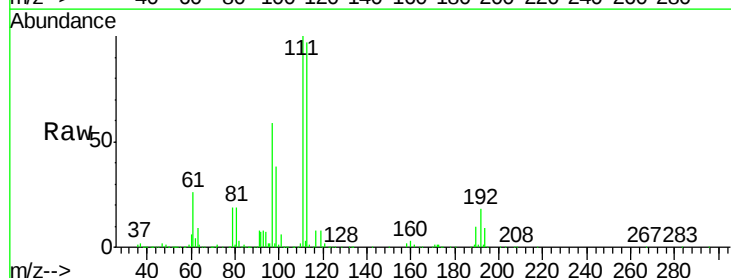
RT: 5.46 min Scan# 718

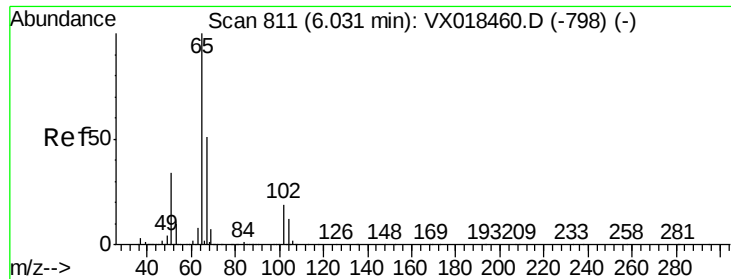
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion	97	Resp	161161
Ion Ratio	Lower	Upper	
97	100		
99	64.8	50.5	75.7
61	43.3	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 51.022 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

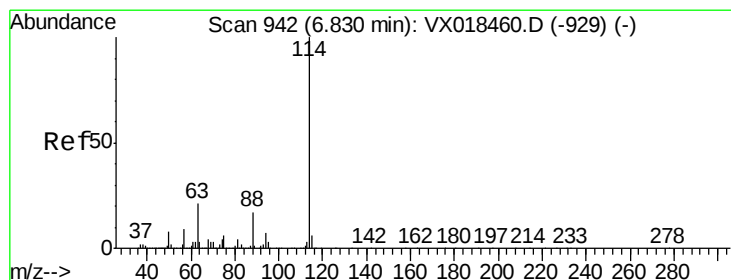
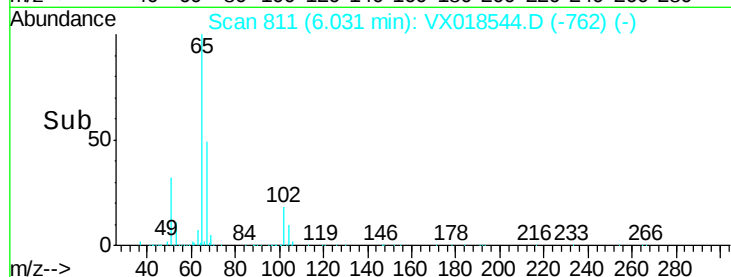
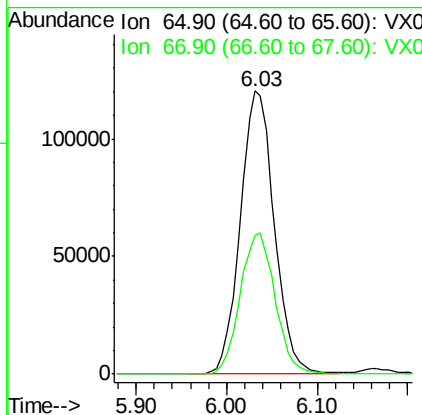
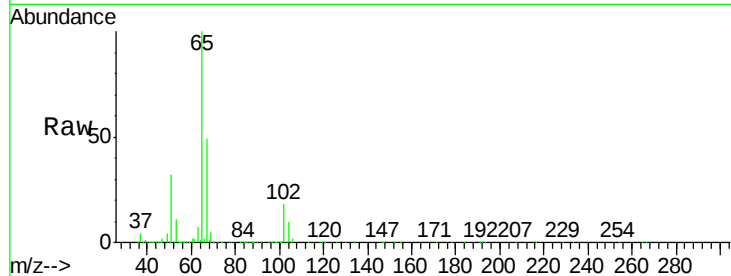
ClientSampleId :

VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	312506		
67	51.0	0.0	105.6	

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

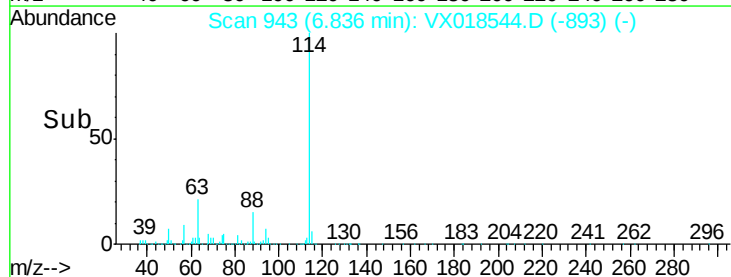
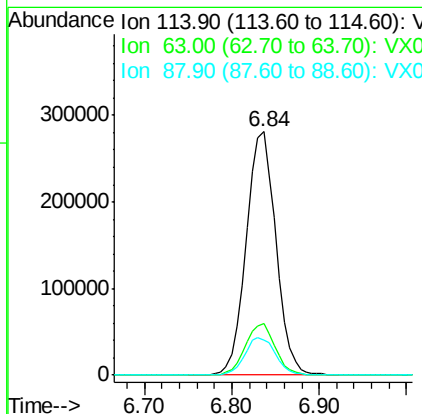
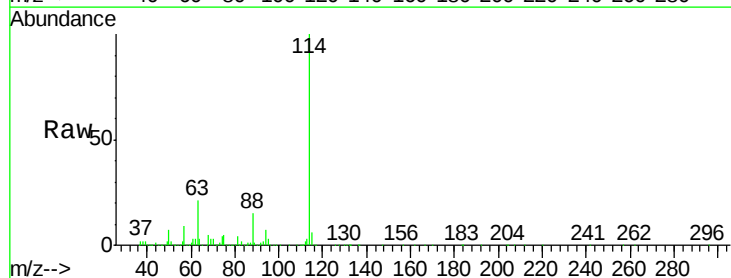
RT: 6.84 min Scan# 943

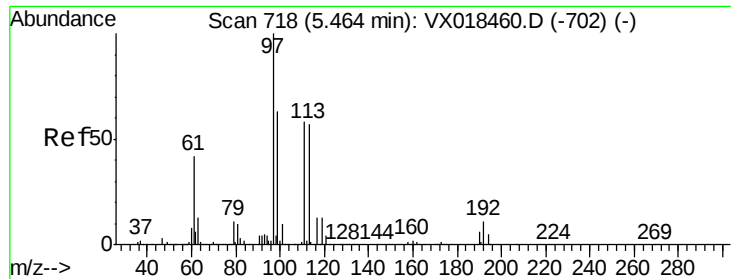
Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	661615		
63	21.1	0.0	42.8	
88	14.5	0.0	33.6	





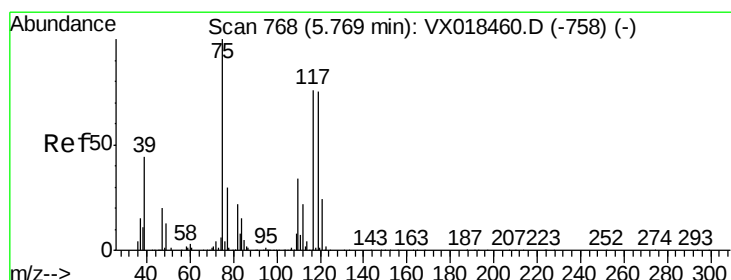
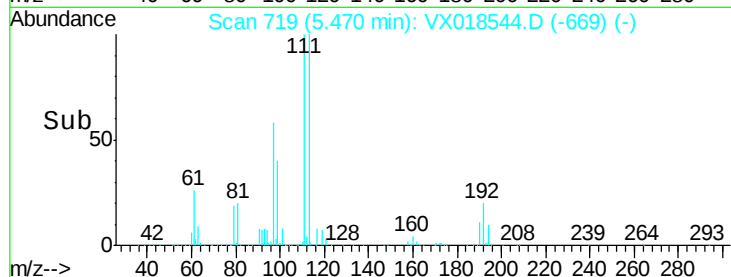
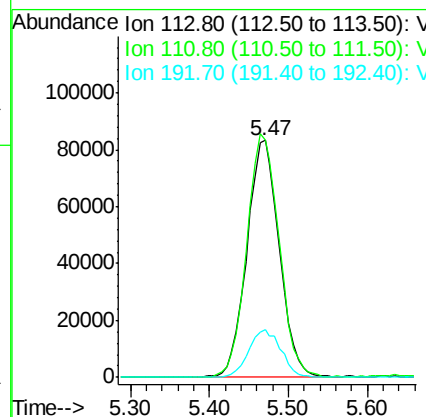
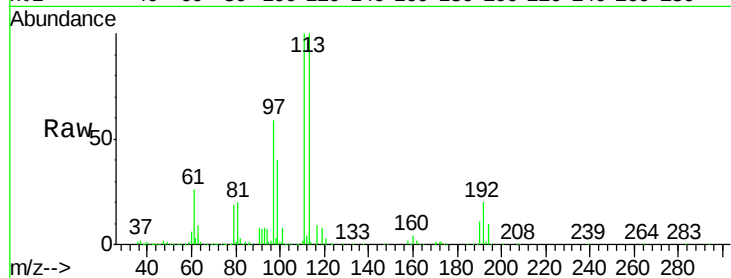
#35
 Dibromofluoromethane
 Concen: 52.079 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	238201		
111	102.5	81.4	122.2	
192	20.2	16.6	24.8	

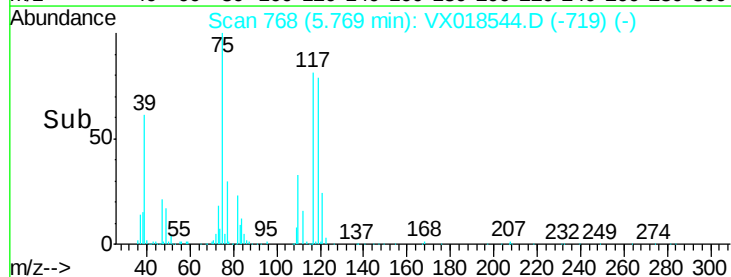
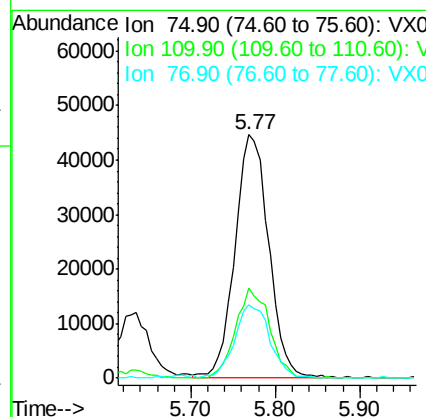
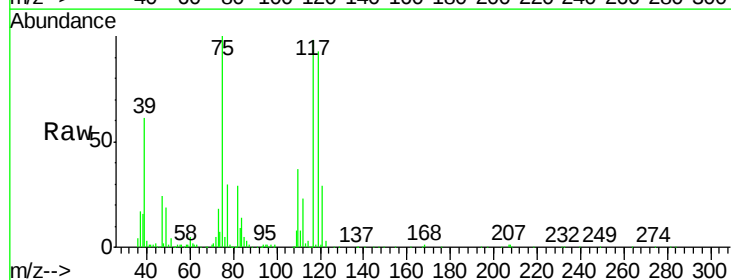
Manual Integrations
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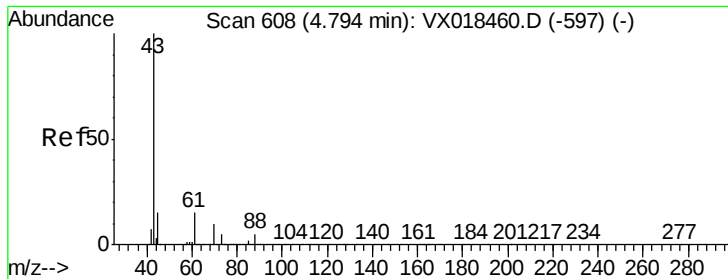
MMDadoda
 9/24/2020 1:39:33 PM



#36
 1,1-Dichloropropene
 Concen: 18.786 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	120637		
110	37.3	17.6	52.8	
77	31.6	25.0	37.6	





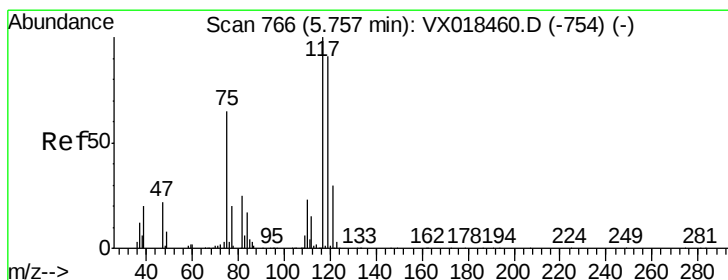
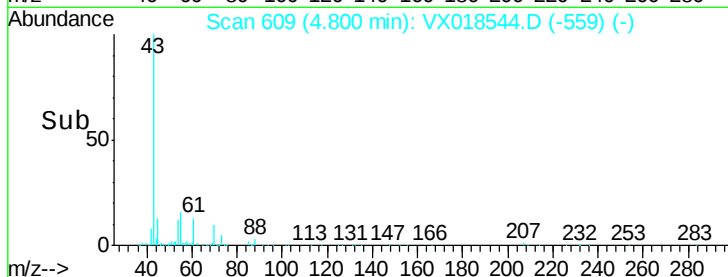
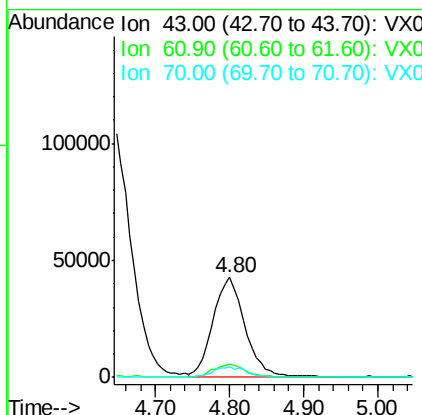
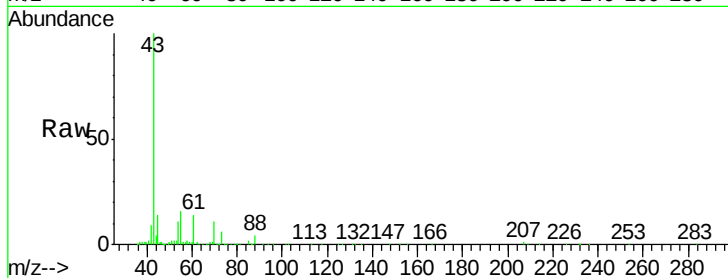
#37
Ethyl Acetate
Concen: 18.338 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	125748		
61	13.2		10.9	16.3
70	10.9		8.3	12.5

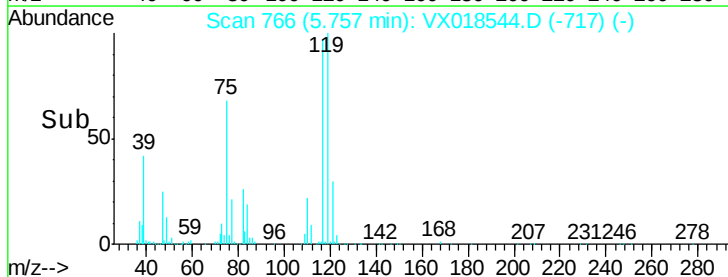
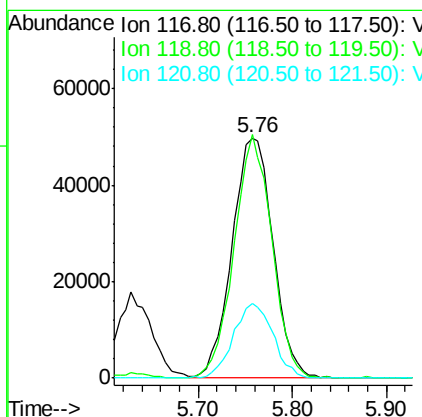
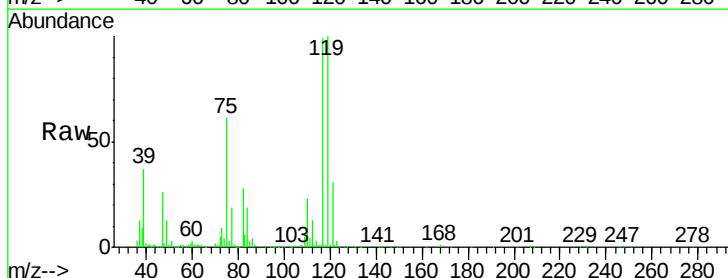
Manual Integrations
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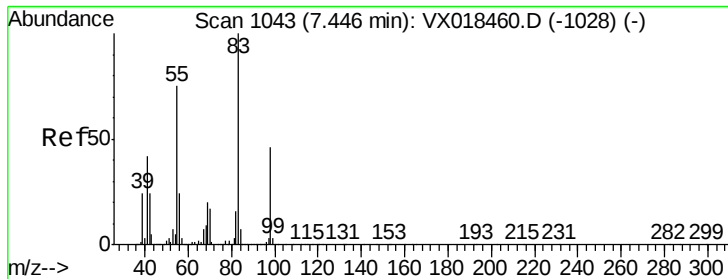
MMDadoda
9/24/2020 1:39:33 PM



#38
Carbon Tetrachloride
Concen: 21.106 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	150110		
119	101.3		72.3	108.5
121	31.0		23.8	35.8





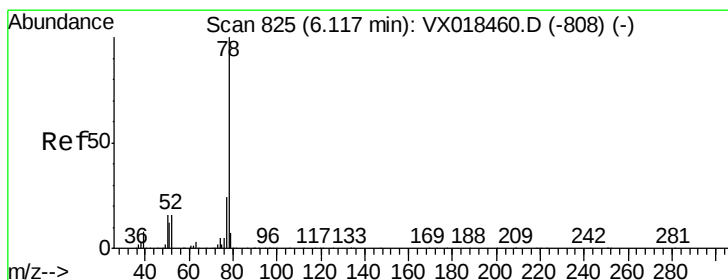
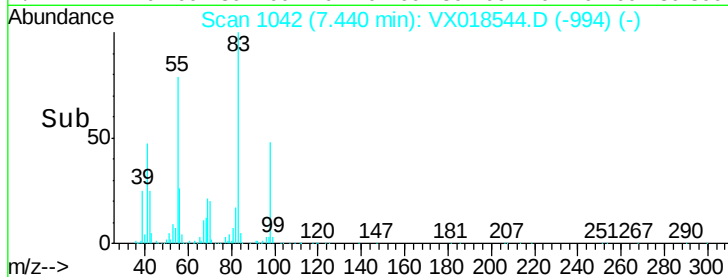
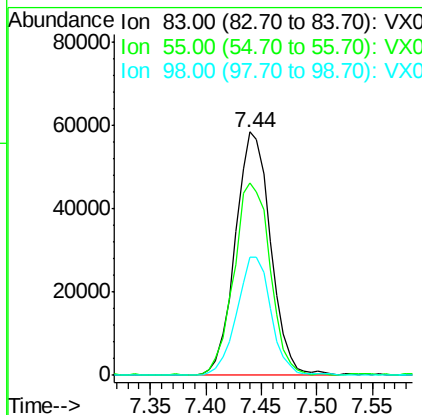
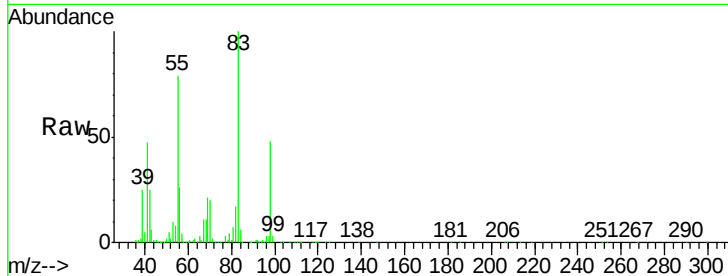
#39
Methvlcvclohexane
Concen: 17.820 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	83	Resp	128563
Ion Ratio	Lower	Upper	
83	100		
55	78.6	60.2	90.4
98	48.3	36.4	54.6

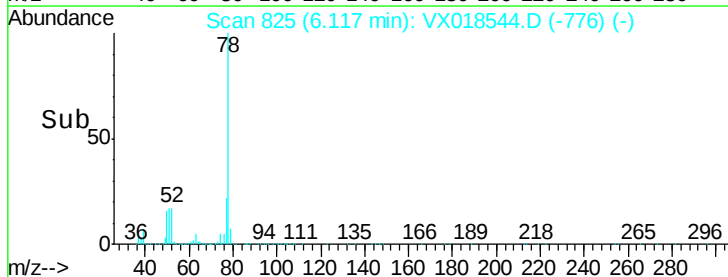
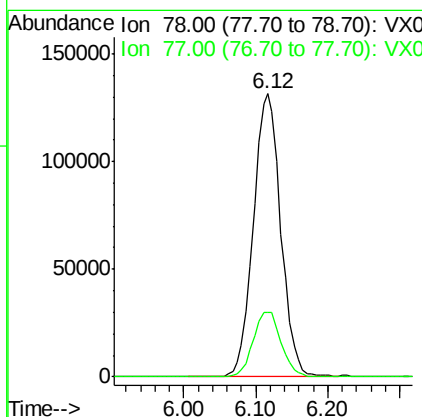
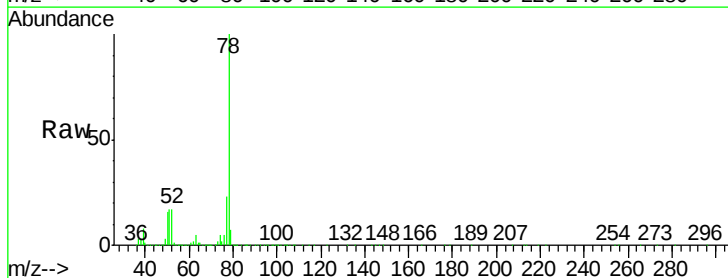
Manual Integrations
APPROVED

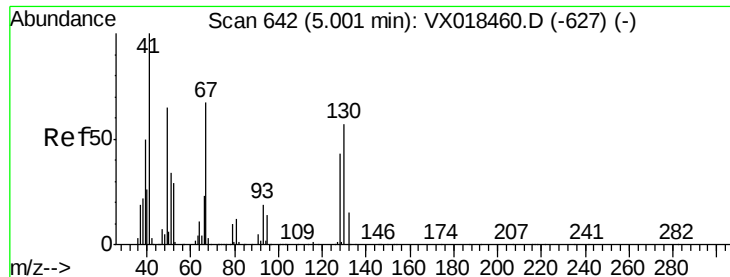
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#40
Benzene
Concen: 18.838 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	78	Resp	346691
Ion Ratio	Lower	Upper	
78	100		
77	22.9	19.0	28.4





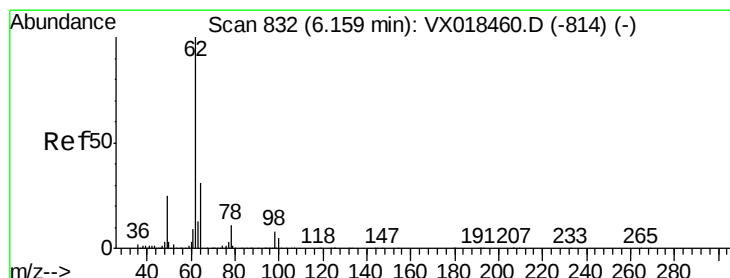
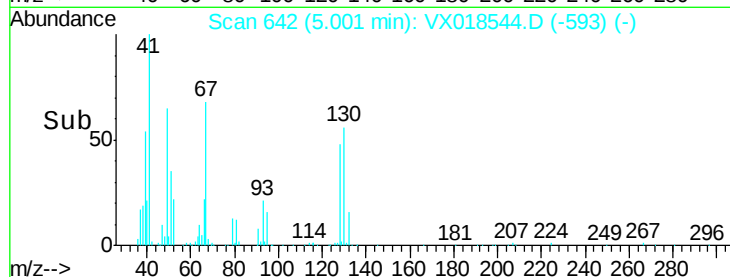
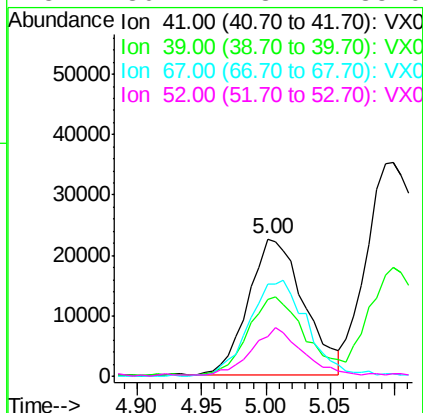
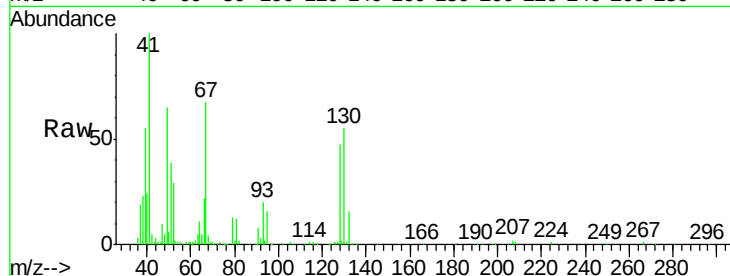
#41
Methacrylonitrile
Concen: 17.769 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.5	45.3	67.9
67	74.0	56.7	85.1
52	30.4	23.4	35.0

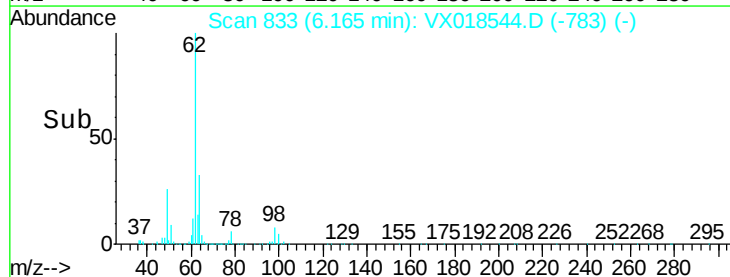
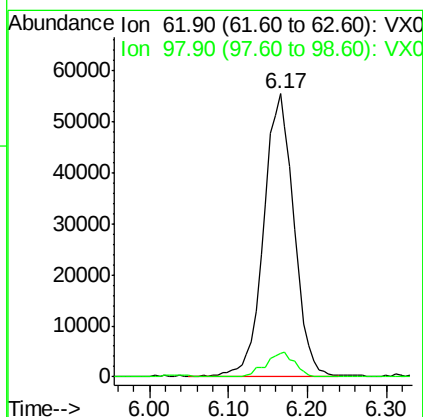
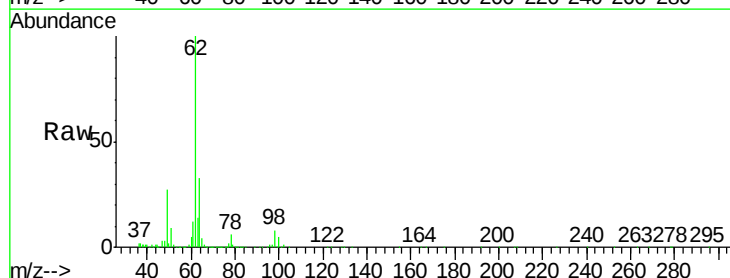
Manual Integrations
APPROVED

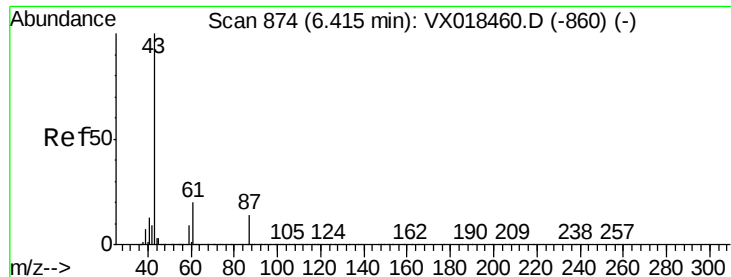
MMDadoda
9/24/2020 1:39:33 PM



#42
1,2-Dichloroethane
Concen: 20.677 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 17.665 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

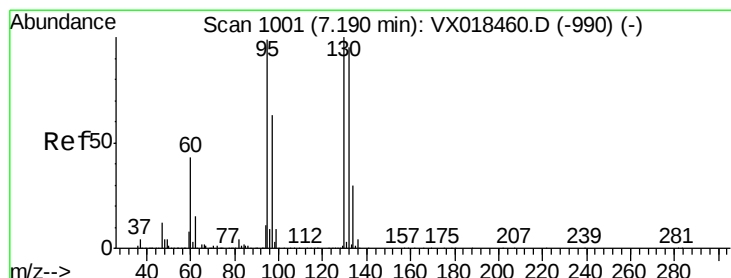
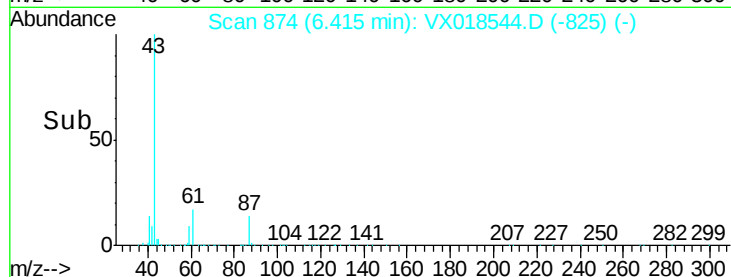
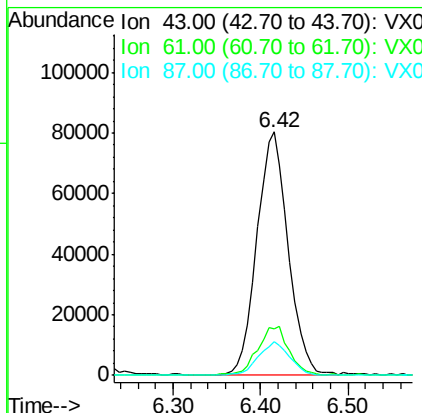
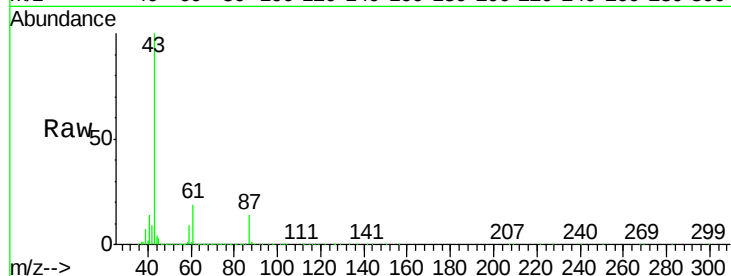
ClientSampleId :

VX0923WBSD01

Tot Ion:	43	Resp:	201019
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.7	23.5
87	13.9	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.388 ug/l

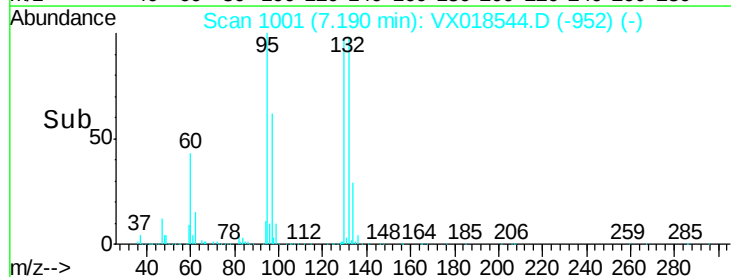
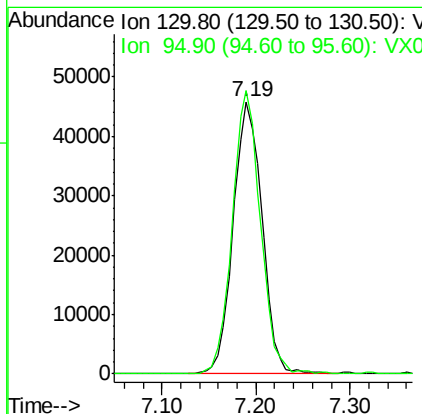
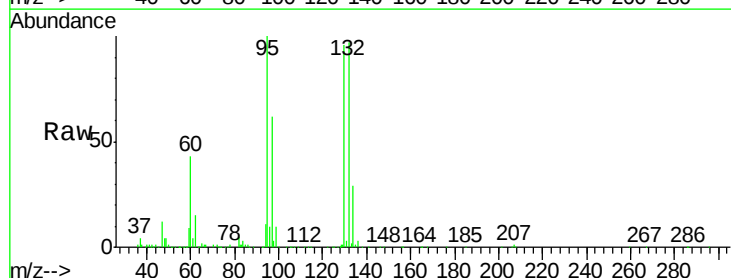
RT: 7.19 min Scan# 1001

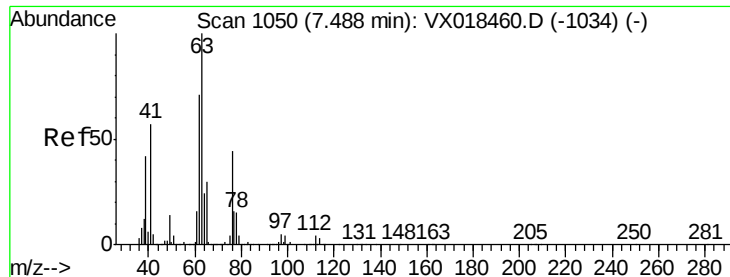
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion:	130	Resp:	97966
Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.750 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 63 Resp: 94714

Ion Ratio Lower Upper

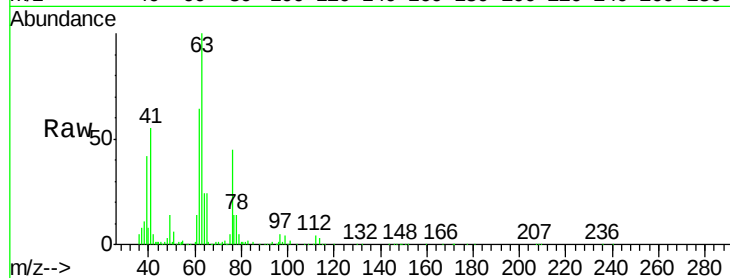
63 100

65 24.1 24.1 36.1

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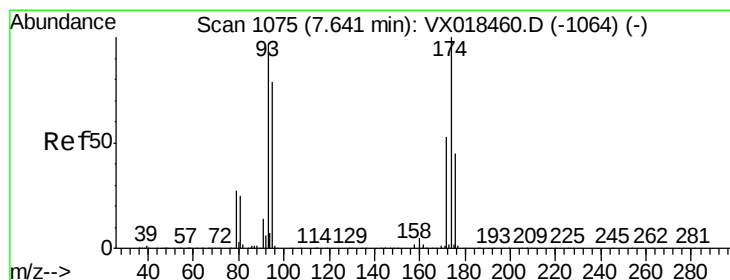
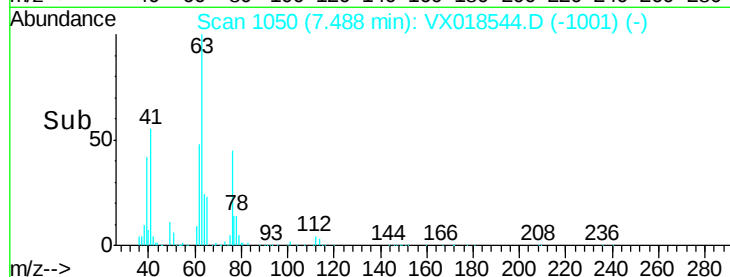
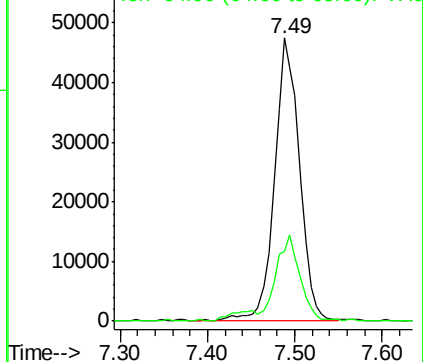
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.553 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

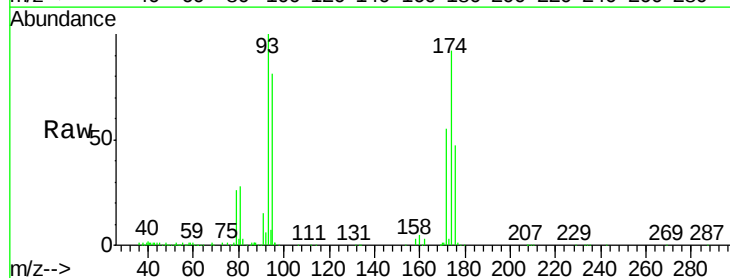
Tgt Ion: 93 Resp: 67857

Ion Ratio Lower Upper

93 100

95 82.9 65.0 97.4

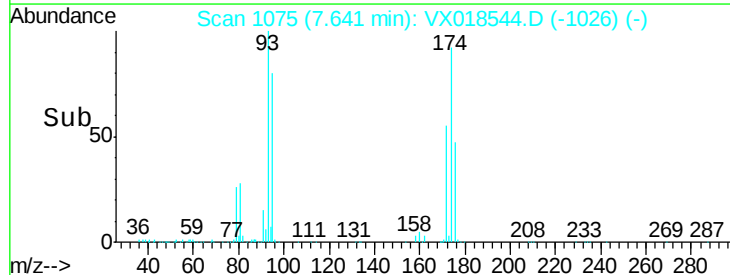
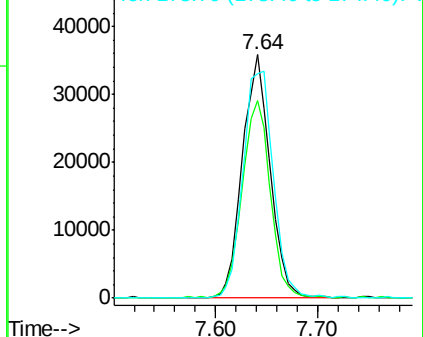
174 103.0 82.0 123.0

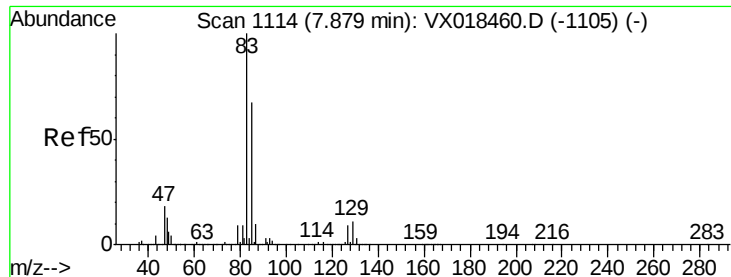


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.707 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

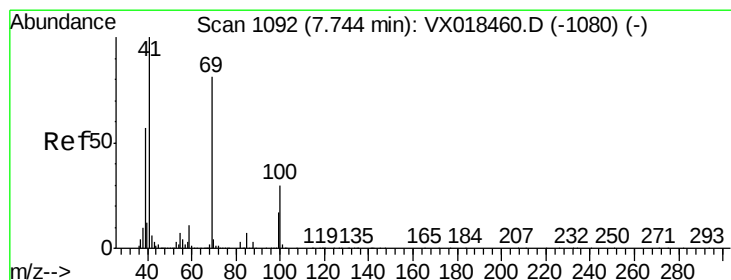
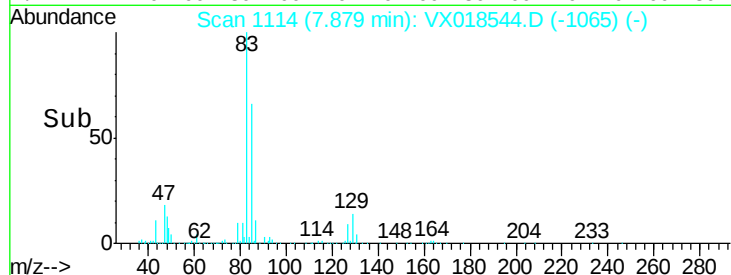
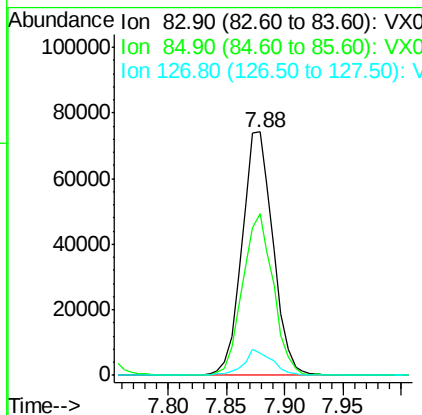
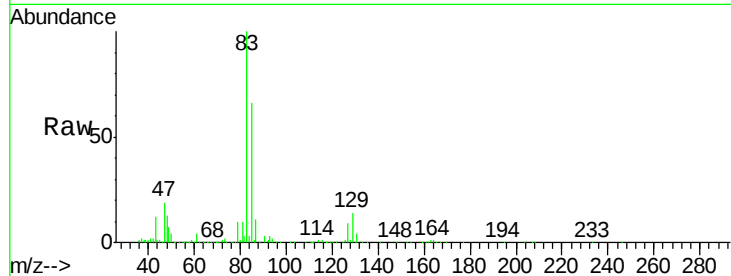
ClientSampleId :

VX0923WBSD01

Tot Ion:	83	Resp:	137835
Ion Ratio	Lower	Upper	
83	100		
85	66.4	53.3	79.9
127	9.2	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.388 ug/l

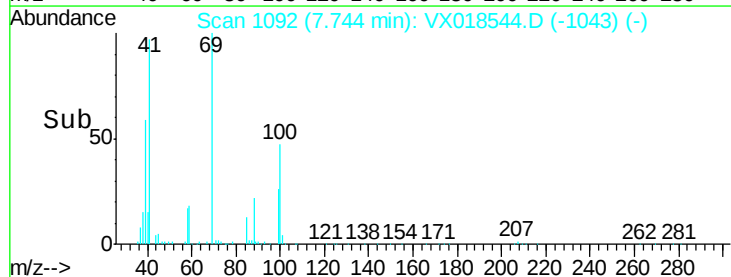
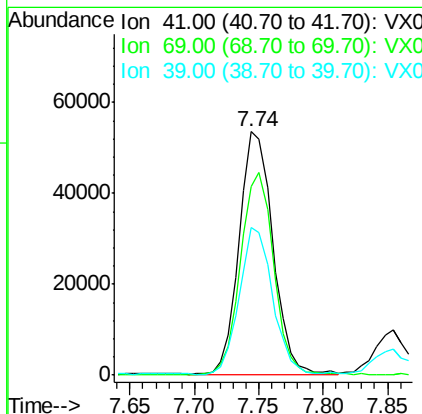
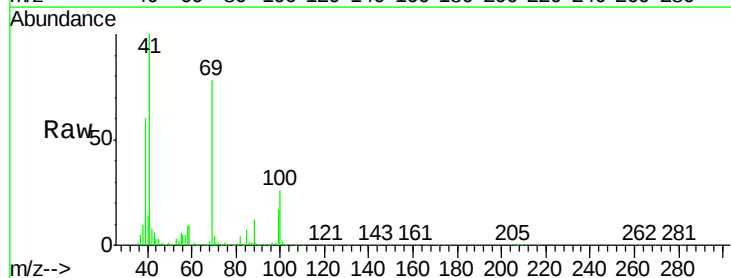
RT: 7.74 min Scan# 1092

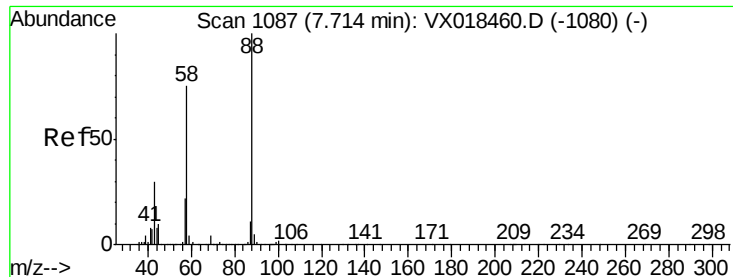
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion:	41	Resp:	96309
Ion Ratio	Lower	Upper	
41	100		
69	83.0	63.7	95.5
39	60.1	45.0	67.4





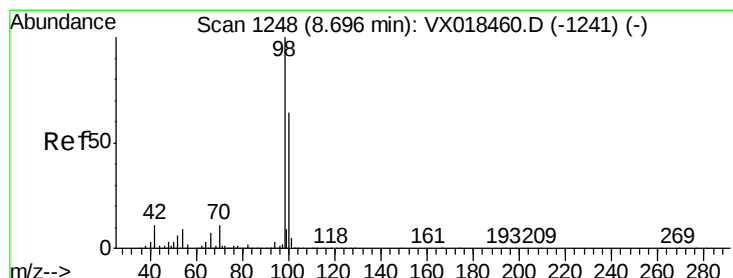
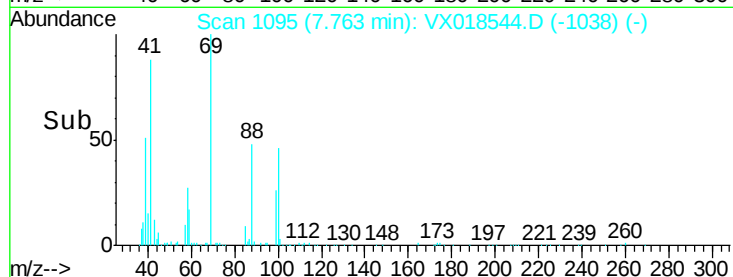
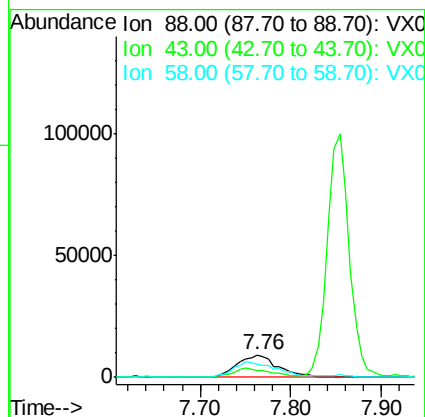
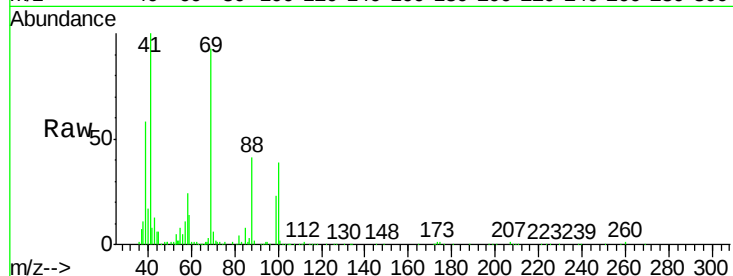
#49
1,4-Dioxane
Concen: 314.436 ug/l
RT: 7.76 min Scan# 1095
Delta R.T. 0.05 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.9	44.9
58	72.8	59.0	88.6

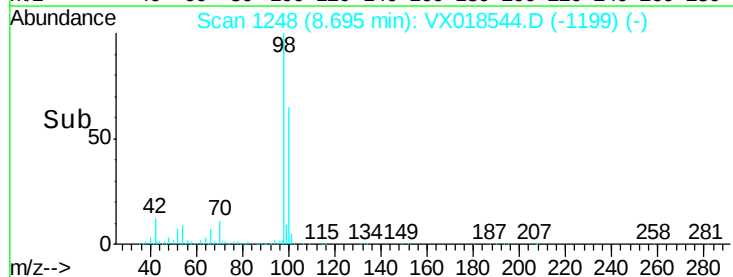
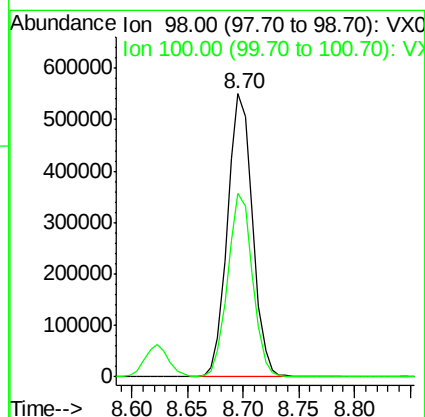
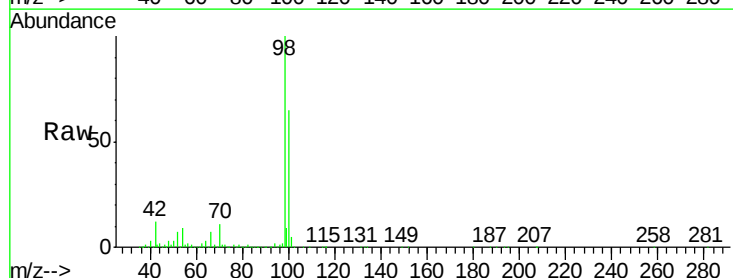
Manual Integrations
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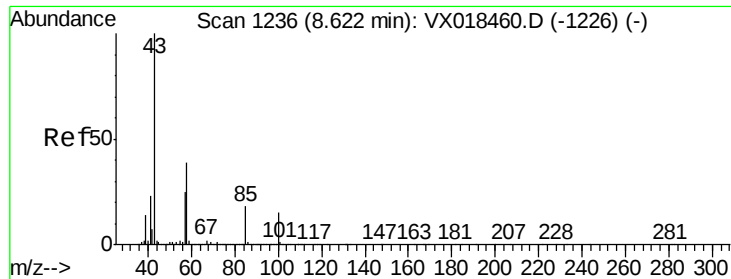
MMDadoda
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#50
Toluene-d8
Concen: 51.599 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 92.864 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 43 Resp: 629201

Ion Ratio Lower Upper

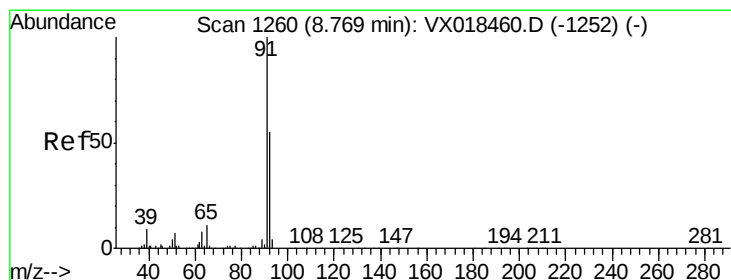
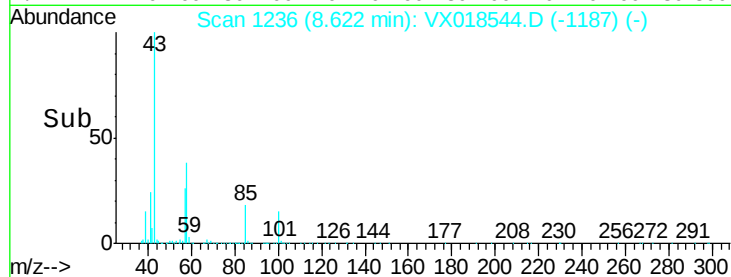
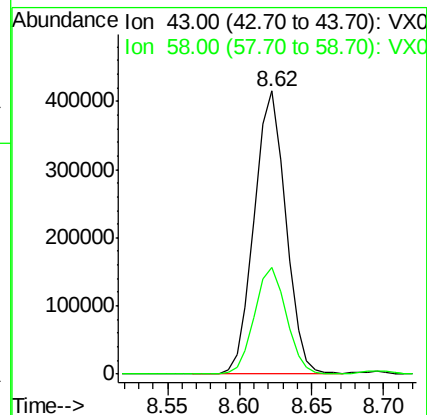
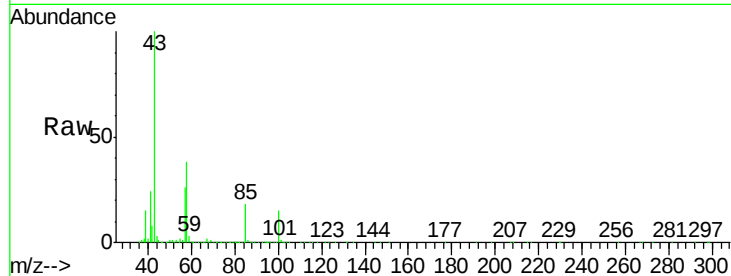
43 100

58 38.2 30.9 46.3

Manual Integrations
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#52

Toluene

Concen: 19.188 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018544.D

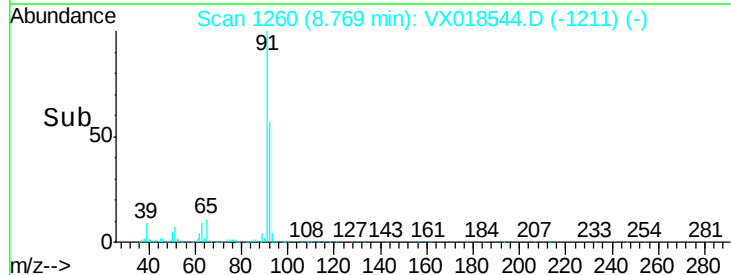
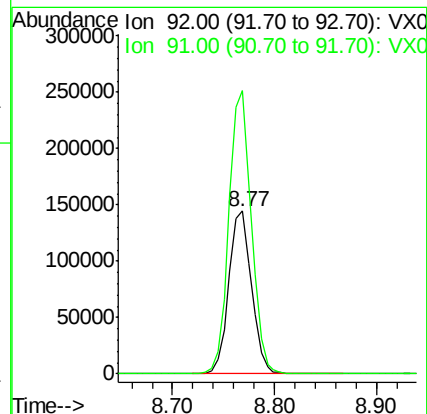
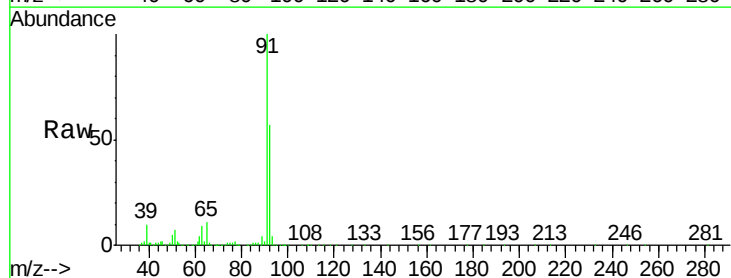
Acq: 23 Sep 2020 19:08

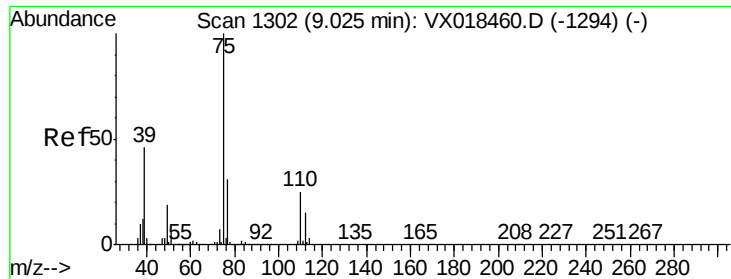
Tgt Ion: 92 Resp: 222211

Ion Ratio Lower Upper

92 100

91 171.8 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 18.748 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 75 Resp: 148991

Ion Ratio Lower Upper

75 100

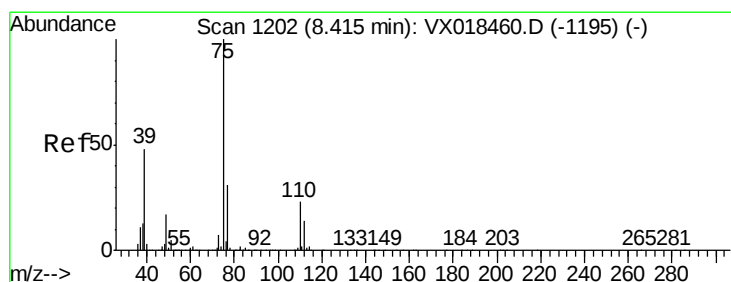
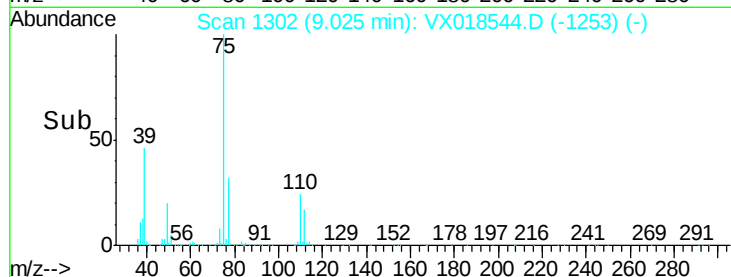
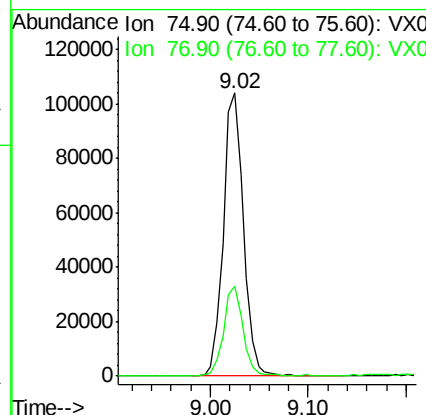
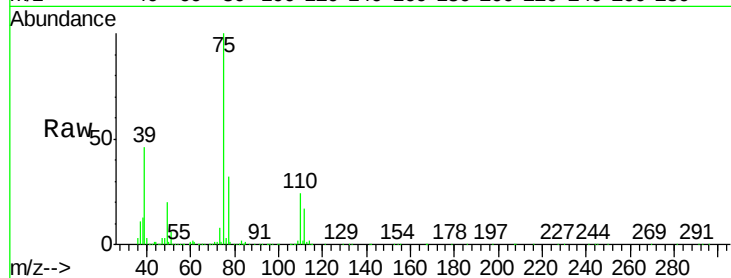
77 31.9 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.872 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

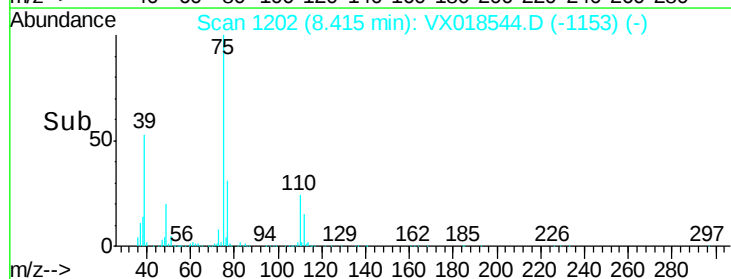
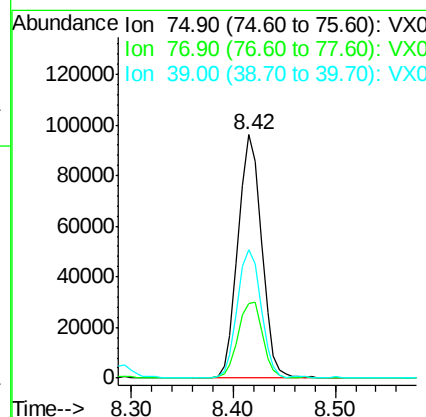
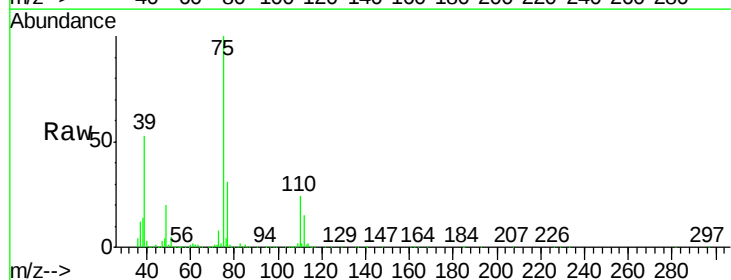
Tgt Ion: 75 Resp: 154510

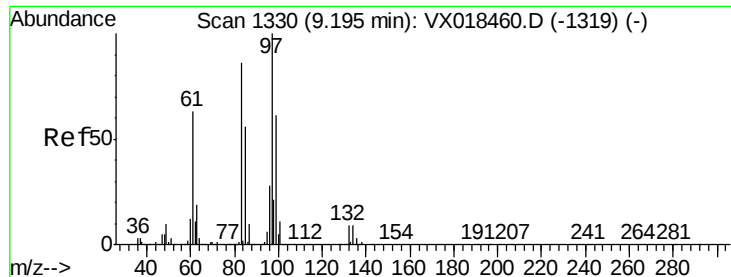
Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 52.8 38.6 58.0





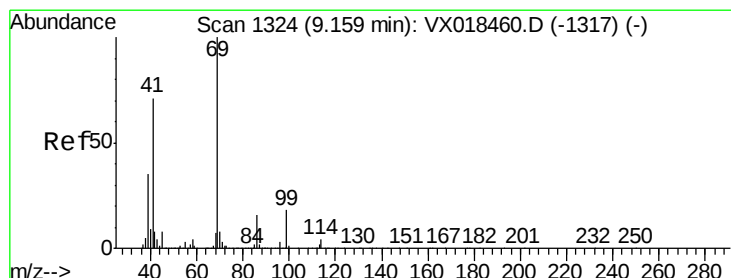
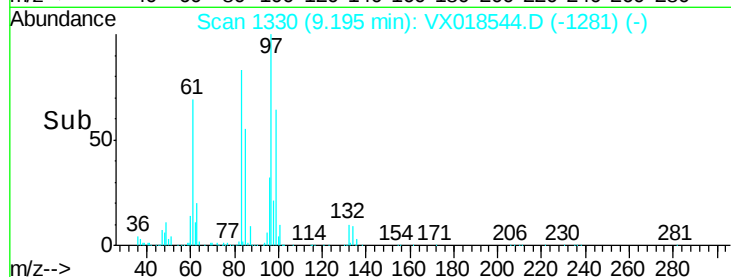
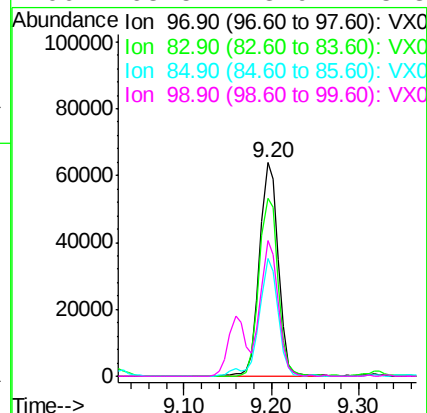
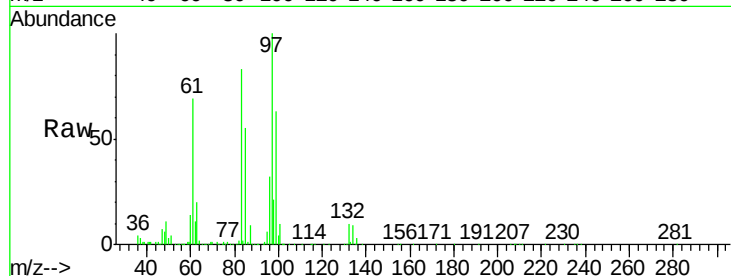
#55
 1,1,2-Trichloroethane
 Concen: 19.773 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		95017		
83	83.2	68.5	102.7		
85	55.0	44.8	67.2		
99	63.5	48.9	73.3		

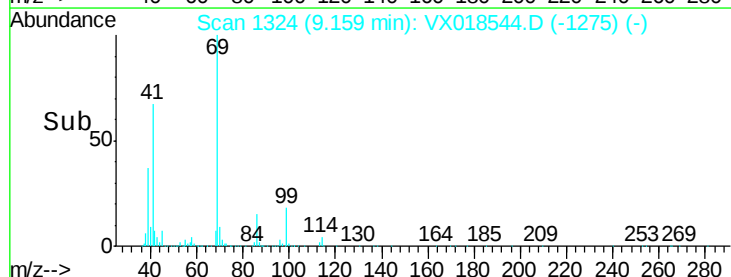
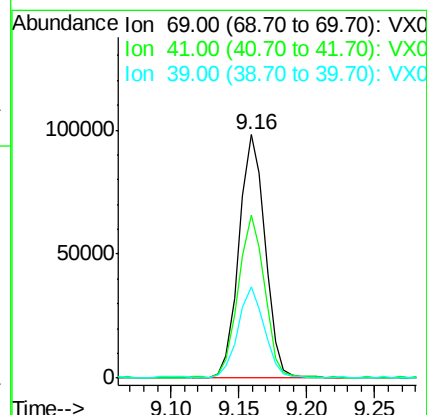
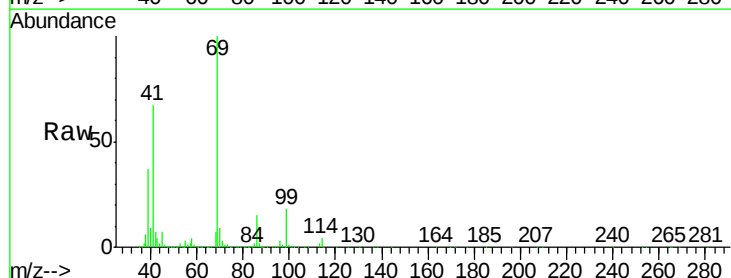
Manual Integrations
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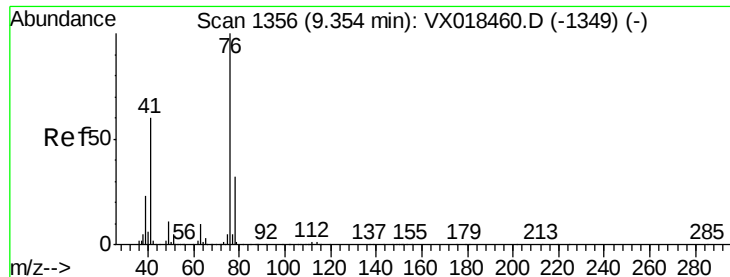
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#56
 Ethyl methacrylate
 Concen: 18.496 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		131789		
41	67.2	54.6	81.8		
39	37.6	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 19.086 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 76 Resp: 154099

Ion Ratio Lower Upper

76 100

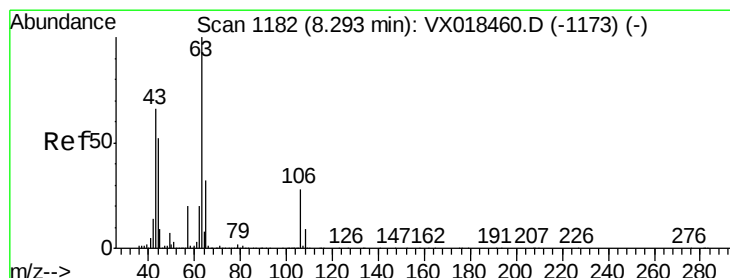
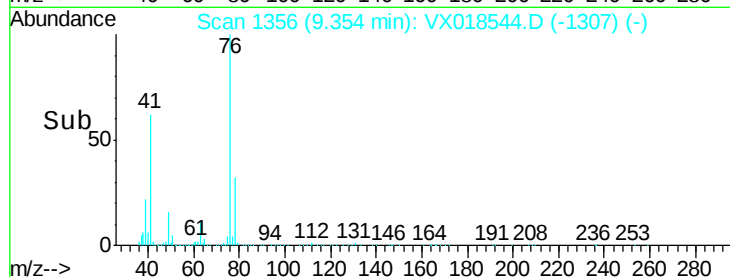
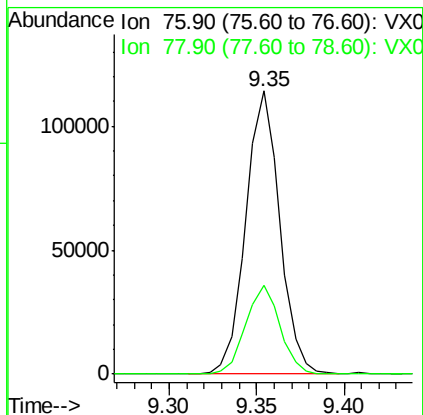
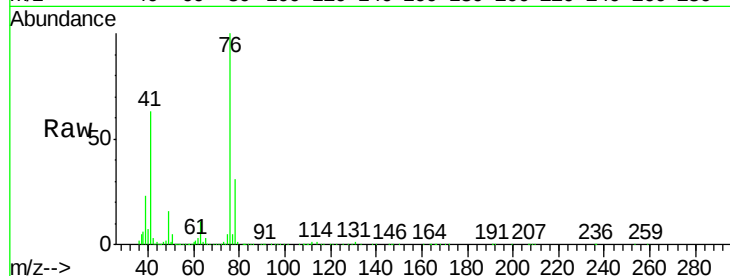
78 31.9 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 84.823 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018544.D

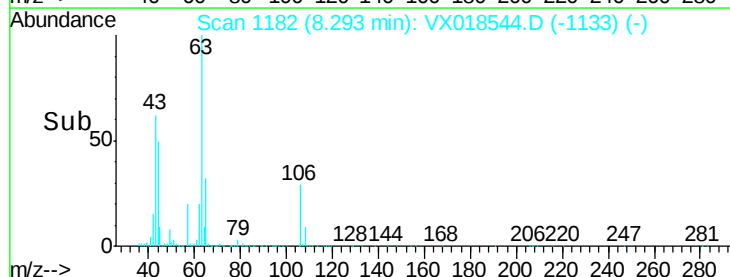
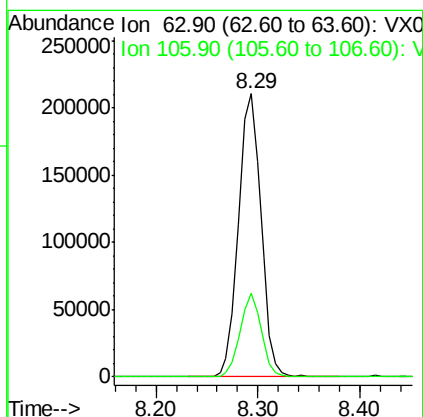
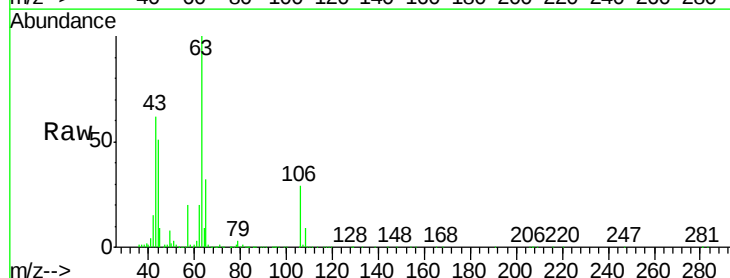
Acq: 23 Sep 2020 19:08

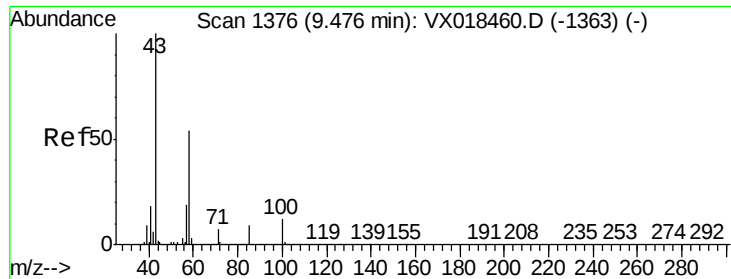
Tgt Ion: 63 Resp: 321338

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





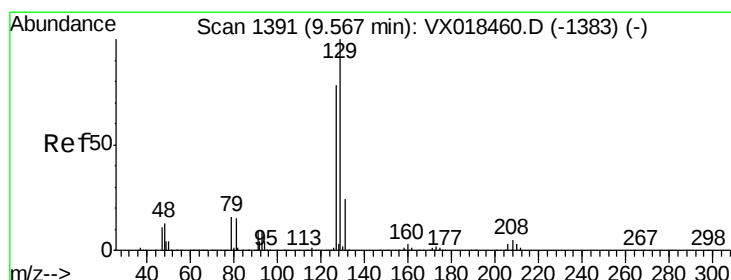
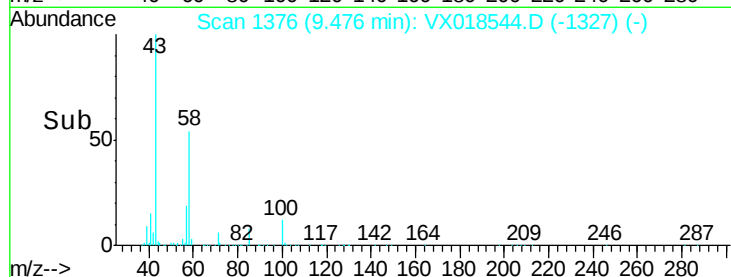
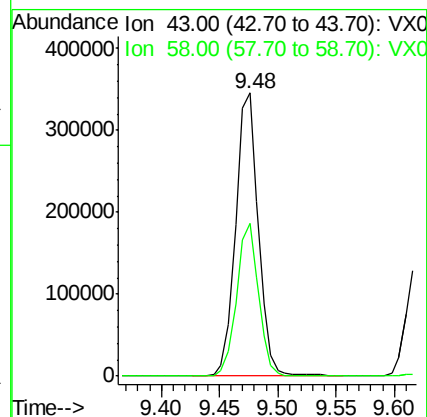
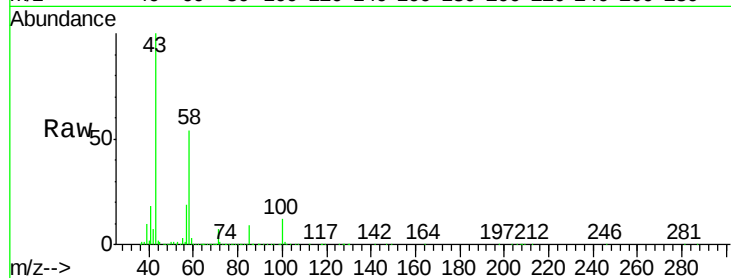
#59
2-Hexanone
Concen: 90.679 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.5	79.4

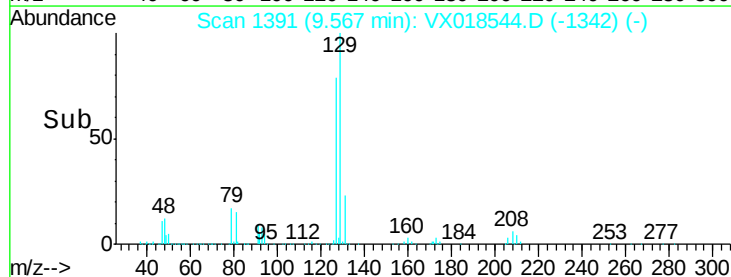
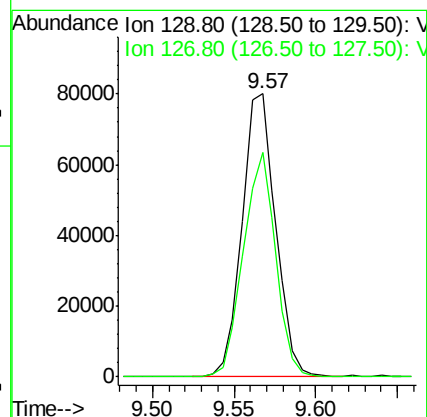
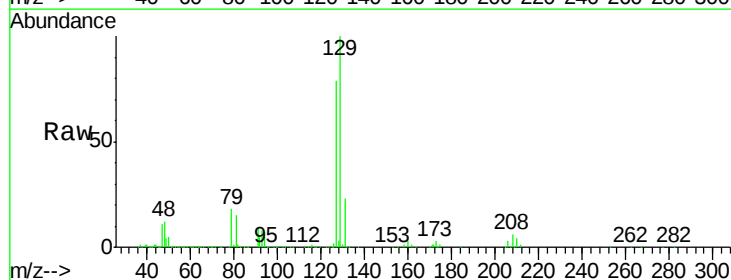
Manual Integrations
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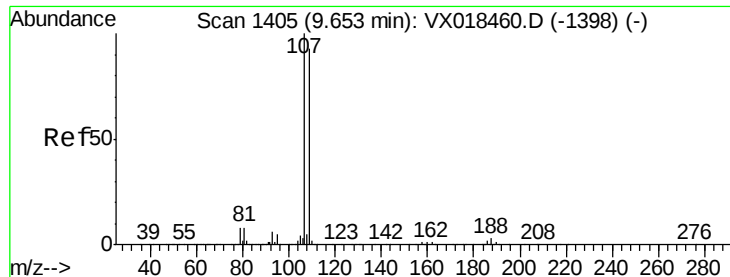
MMDadoda
9/24/2020 1:39:33 PM



#60
Dibromochloromethane
Concen: 20.124 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	39.0	117.0





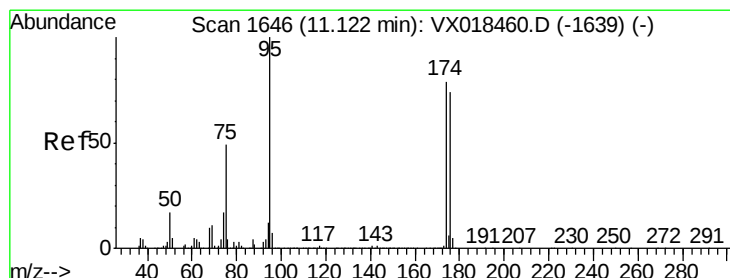
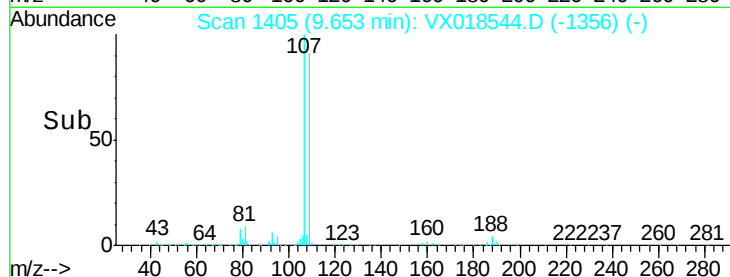
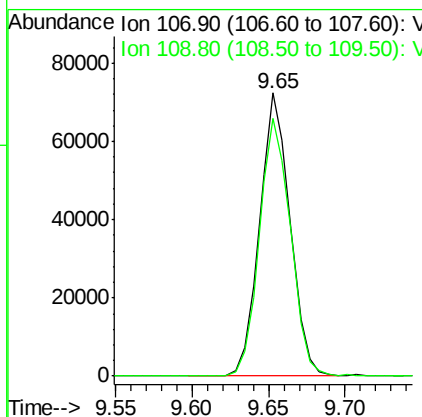
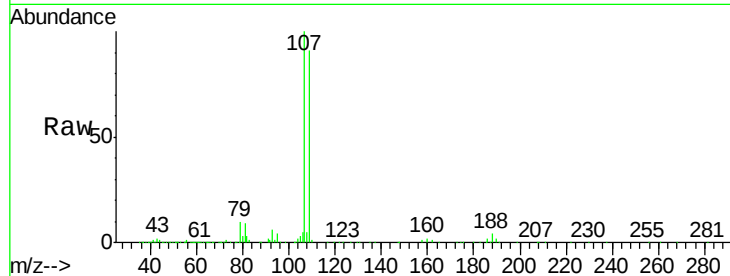
#61
 1,2-Dibromoethane
 Concen: 19.639 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	100412		
109	93.7	75.9	113.9	

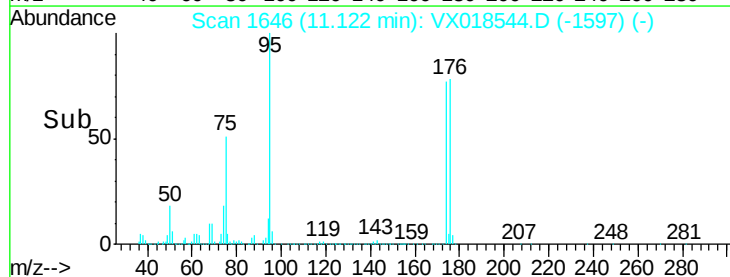
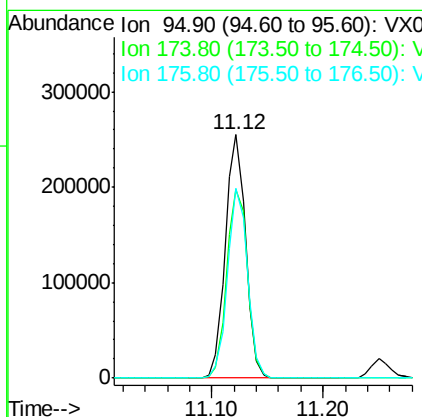
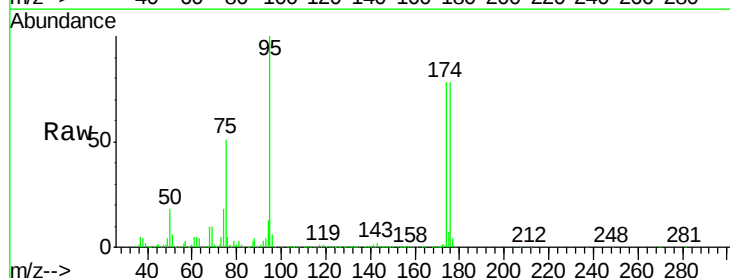
Manual Integrations
 APPROVED

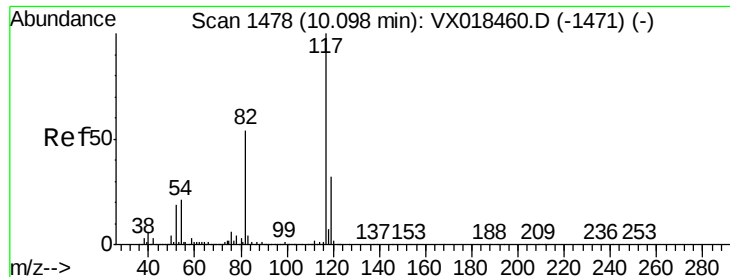
MMDadoda
 9/24/2020 1:39:33 PM



#62
 4-Bromofluorobenzene
 Concen: 48.581 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	321137		
174	79.4	0.0	161.4	
176	76.9	0.0	151.4	





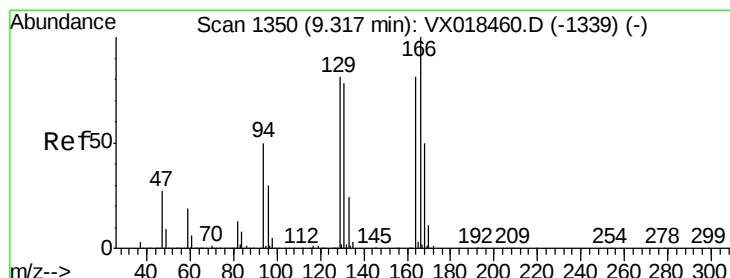
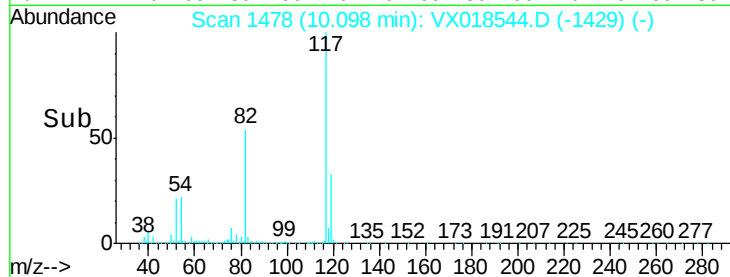
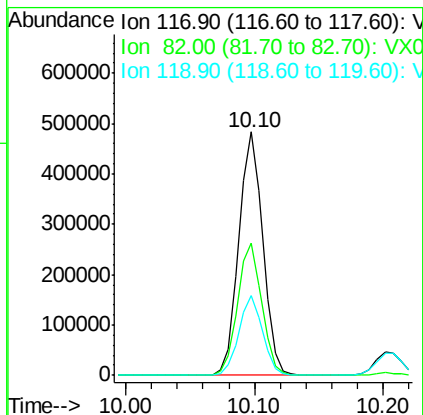
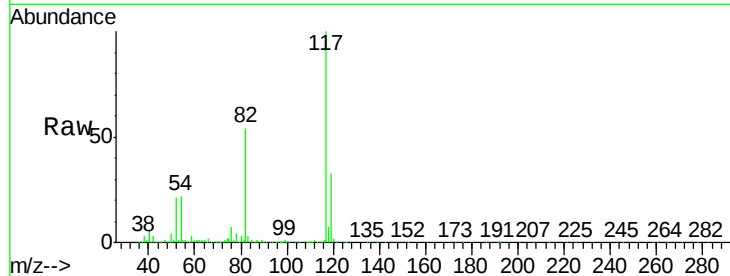
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	32.6	25.9	38.9

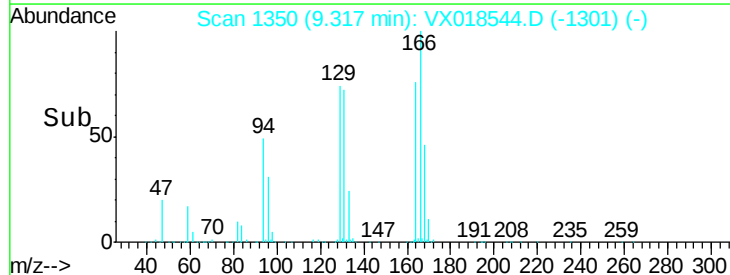
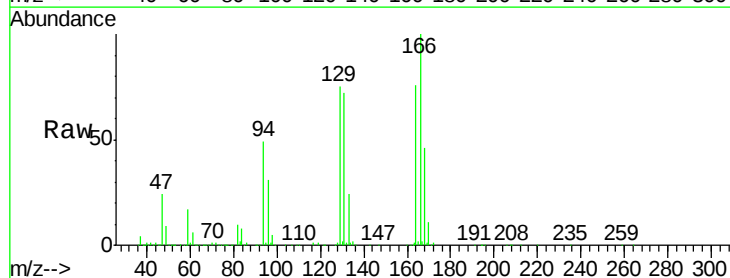
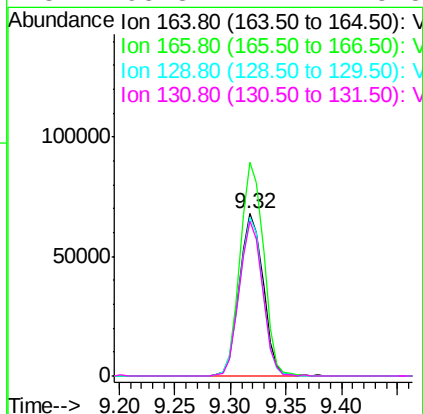
Manual Integrations
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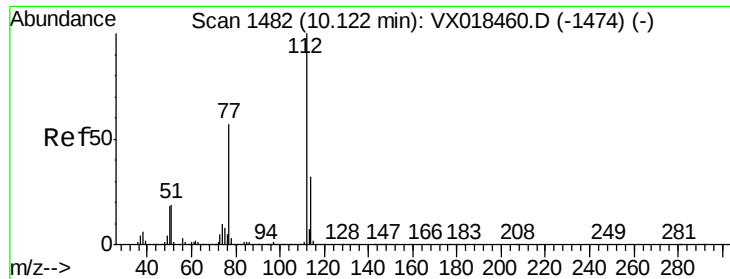
MMDadoda
9/24/2020 1:39:33 PM



#64
Tetrachloroethene
Concen: 20.459 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	99.3	148.9
129	98.3	80.7	121.1
131	95.3	77.2	115.8





#65

Chlorobenzene

Concen: 19.084 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion:112 Resp: 246306

Ion Ratio Lower Upper

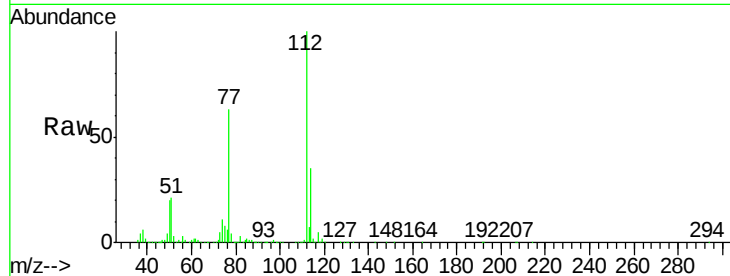
112 100

114 34.5 25.4 38.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

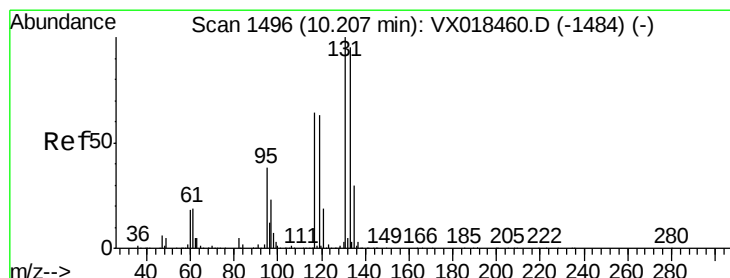
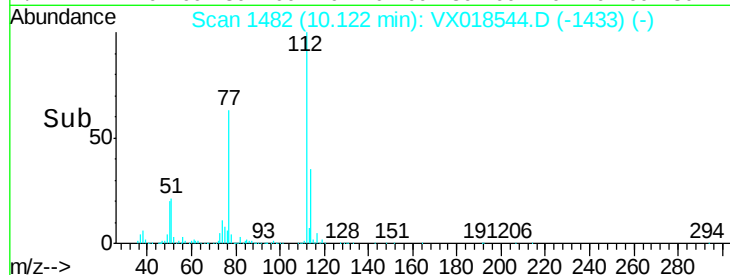
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 19.326 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

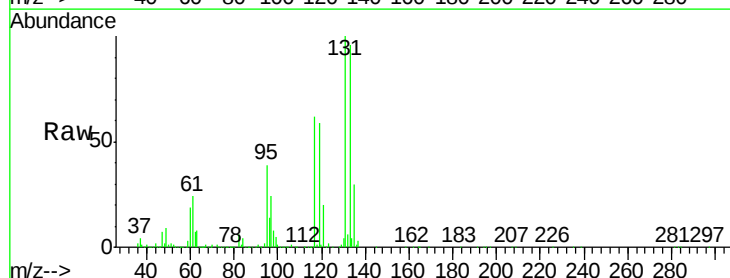
Tgt Ion:131 Resp: 100059

Ion Ratio Lower Upper

131 100

133 96.7 47.8 143.4

119 61.8 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

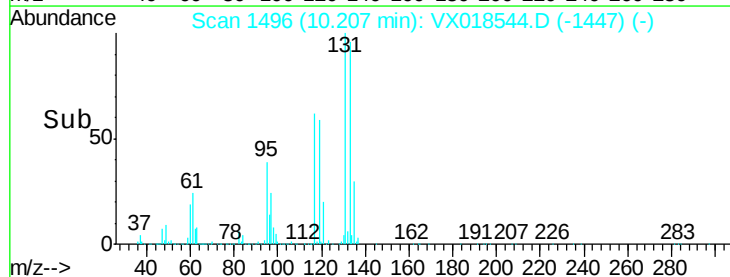
150000

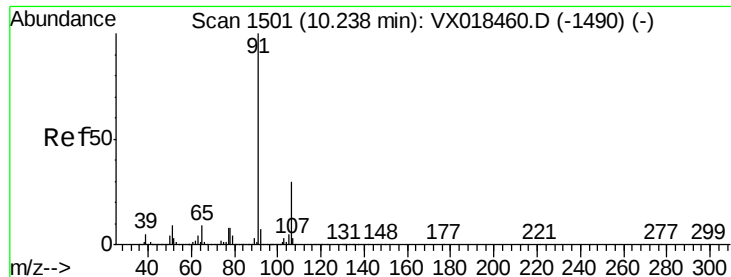
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 19.026 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 91 Resp: 425031

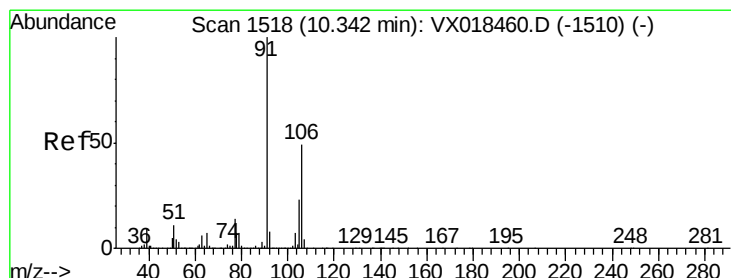
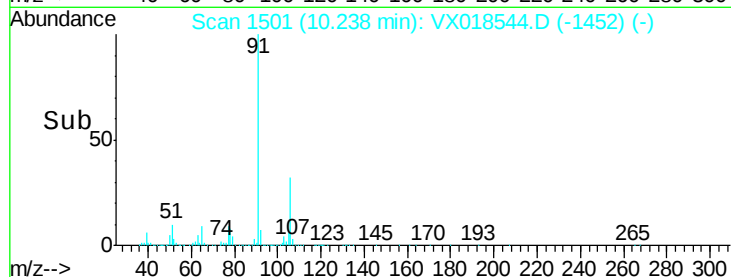
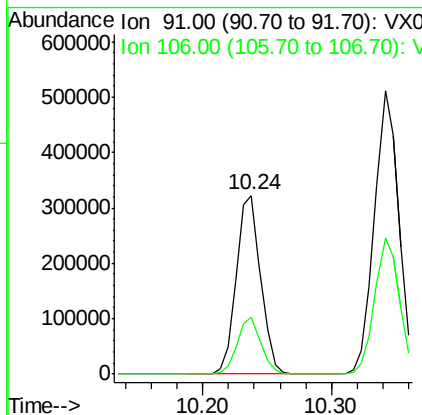
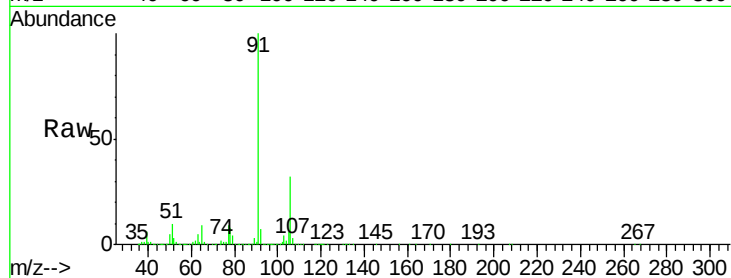
Ion Ratio Lower Upper

91 100

106 31.6 24.1 36.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.238 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018544.D

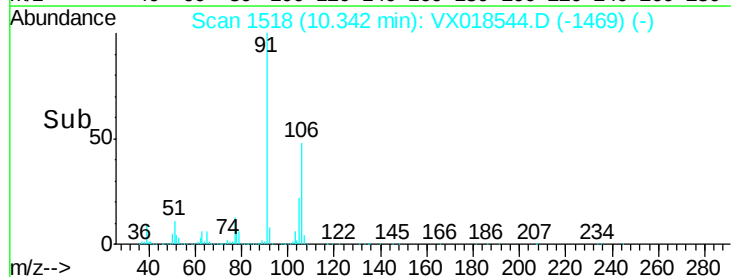
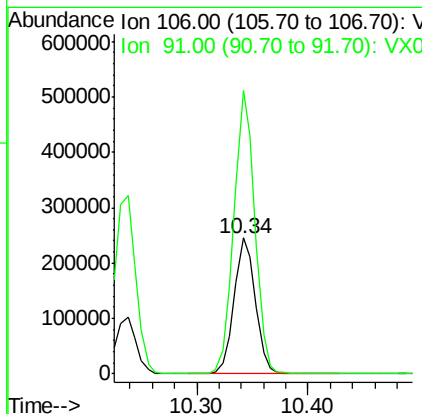
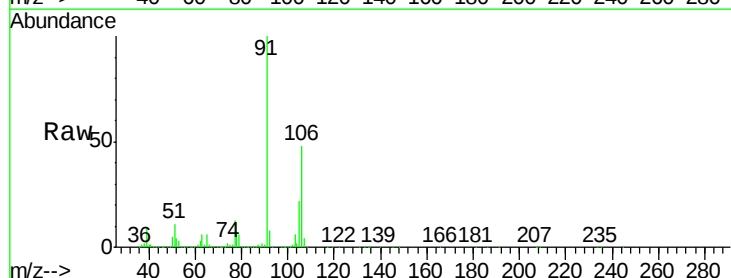
Acq: 23 Sep 2020 19:08

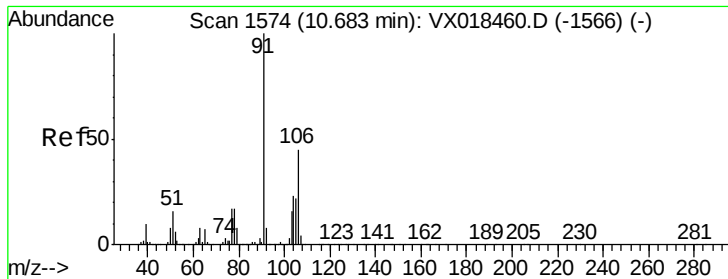
Tgt Ion: 106 Resp: 323132

Ion Ratio Lower Upper

106 100

91 205.3 163.8 245.6





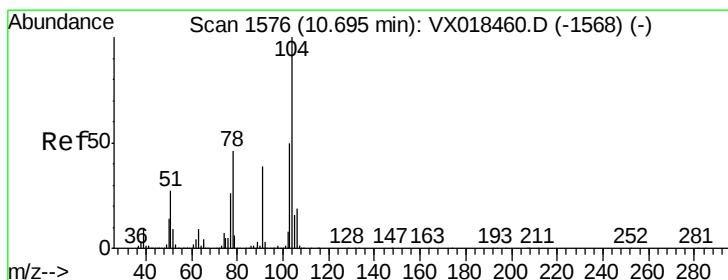
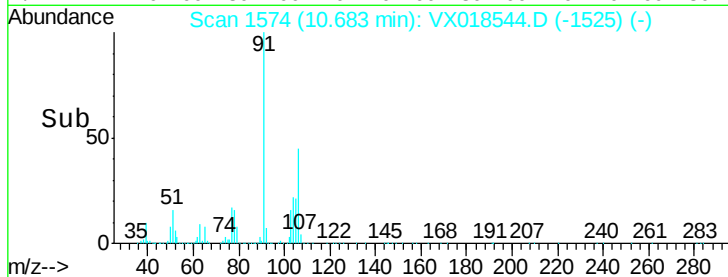
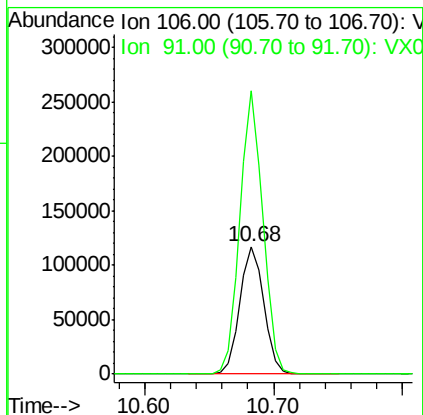
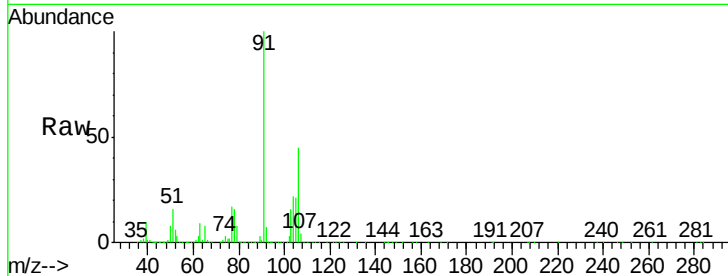
#69
o-Xylene
Concen: 18.987 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.4	109.7	329.0

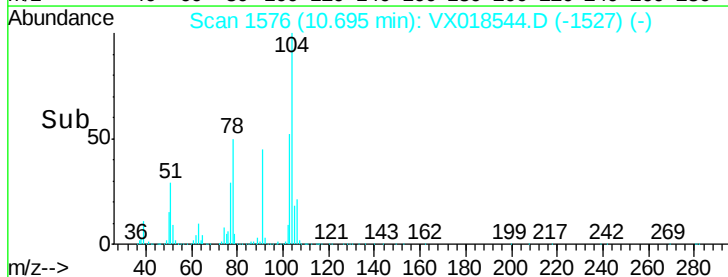
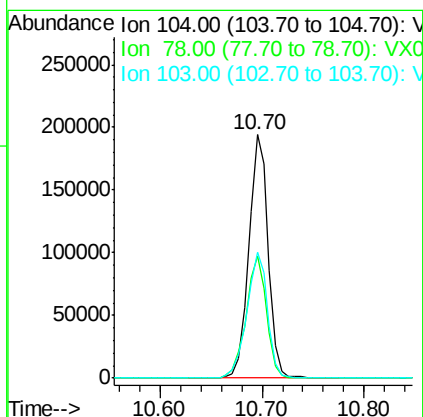
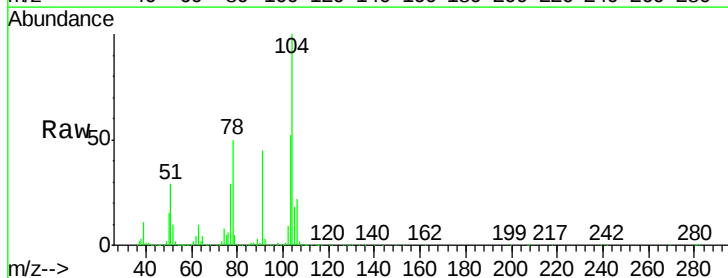
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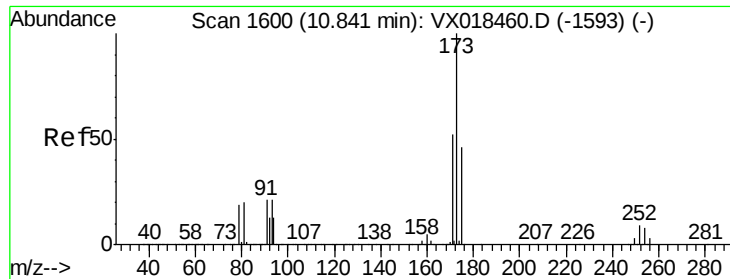
MMDadoda
9/24/2020 1:39:33 PM



#70
Styrene
Concen: 18.504 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.4	40.5	60.7
103	55.3	43.2	64.8





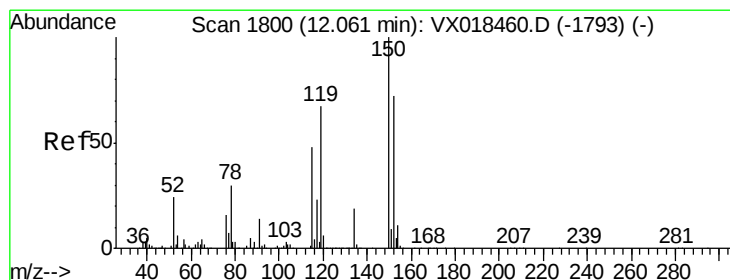
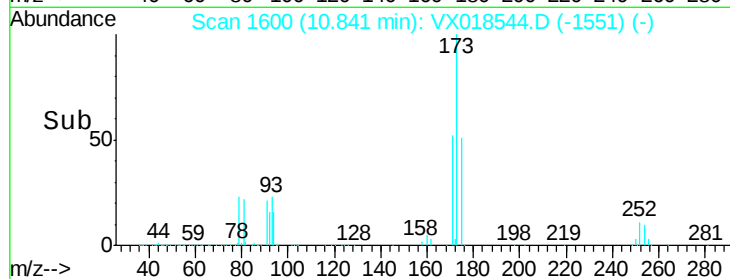
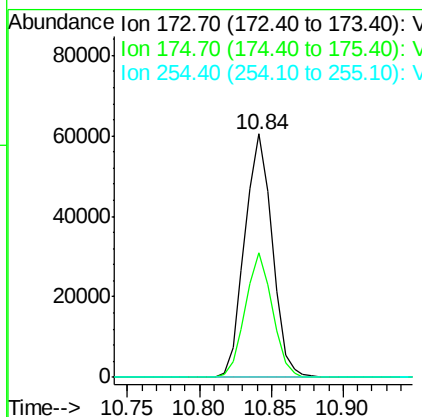
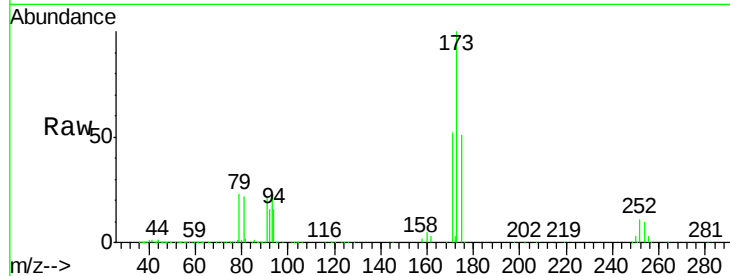
#71
Bromoform
Concen: 18.437 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.8	23.6	70.8
254	0.1	0.1	0.1#

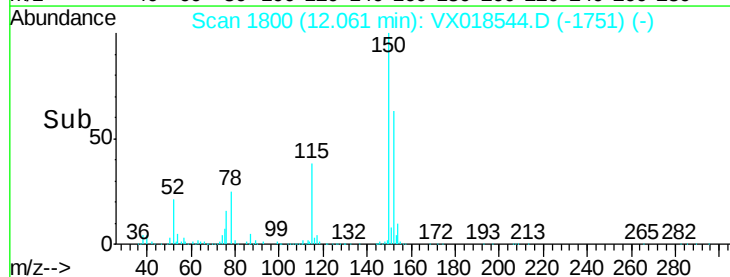
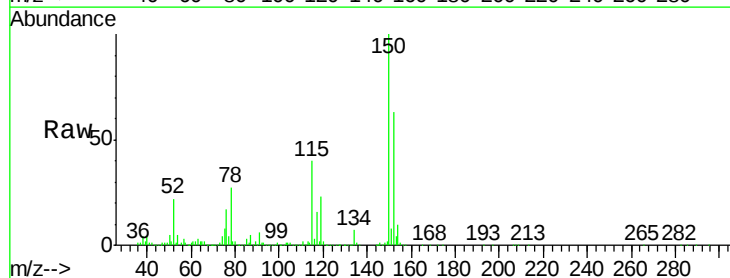
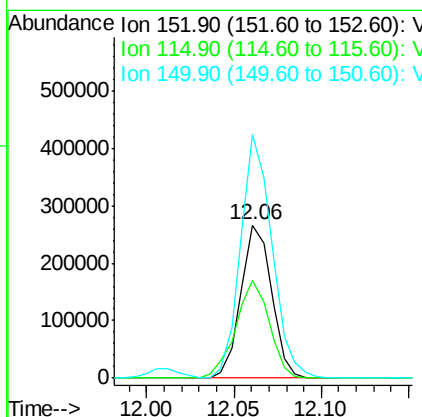
Manual Integrations
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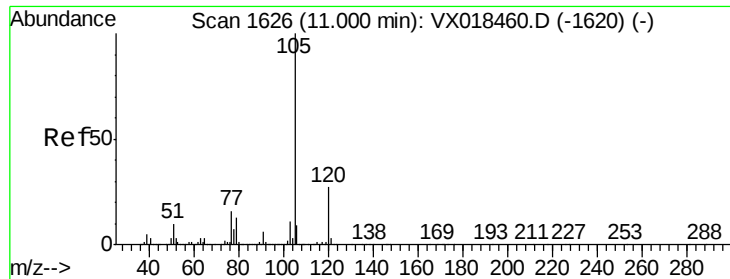
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.3	41.8	125.4
150	162.9	0.0	342.4





#73

Isopropylbenzene

Concen: 19.314 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 105 Resp: 423017

Ion Ratio Lower Upper

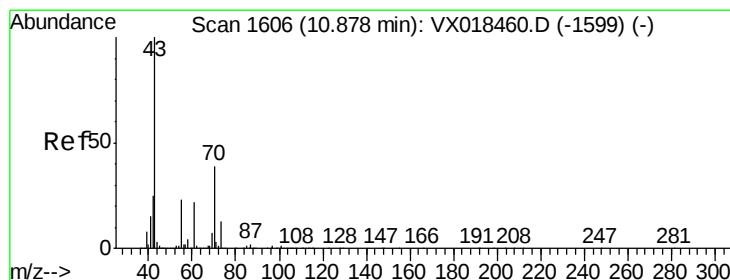
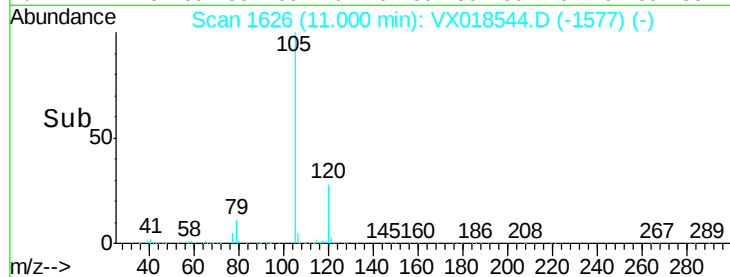
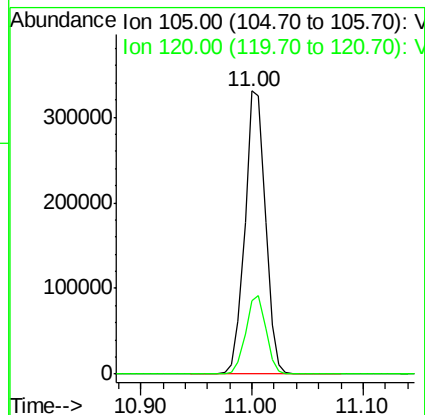
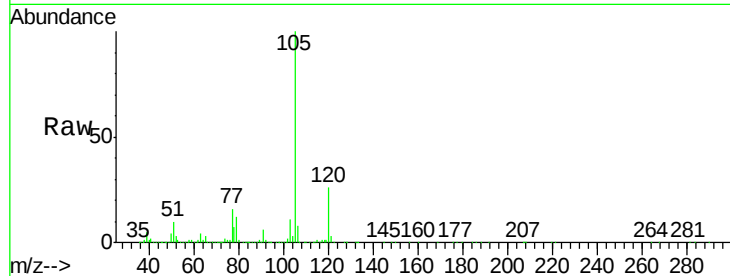
105 100

120 27.3 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 16.677 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion: 43 Resp: 164440

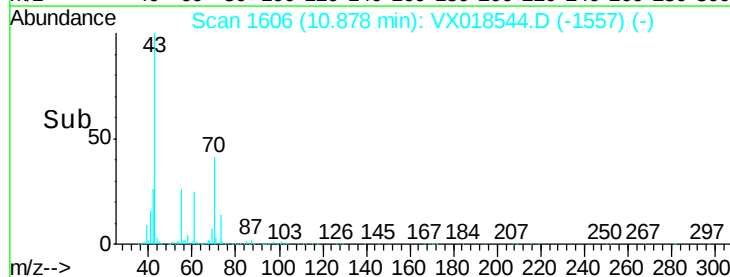
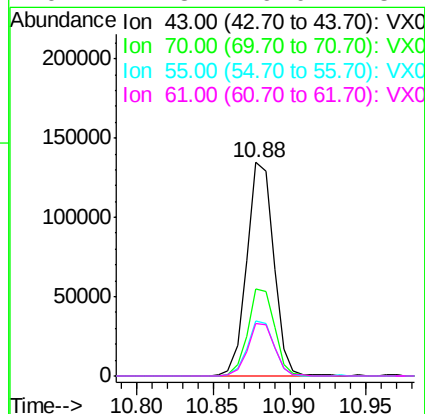
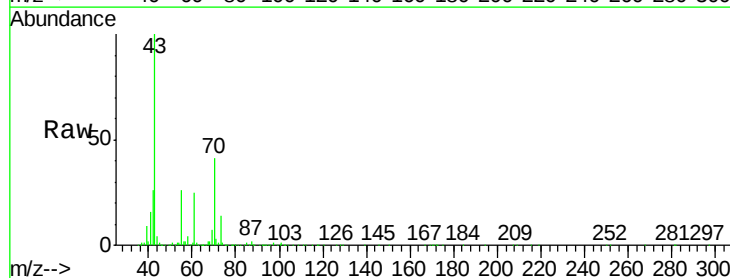
Ion Ratio Lower Upper

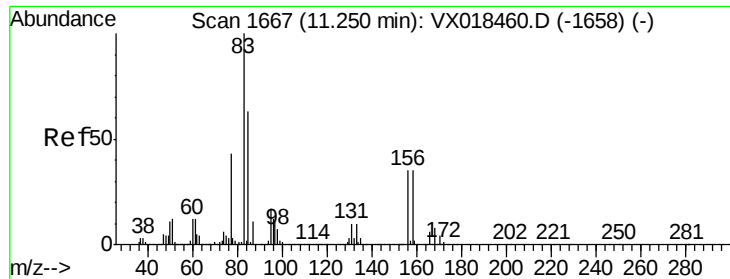
43 100

70 40.6 32.2 48.4

55 24.9 18.8 28.2

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.448 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

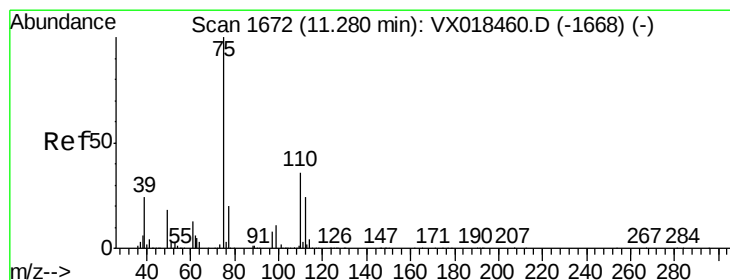
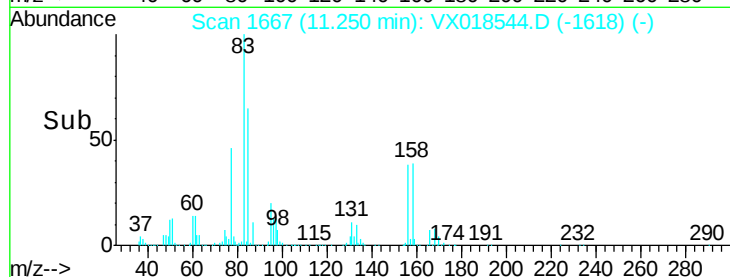
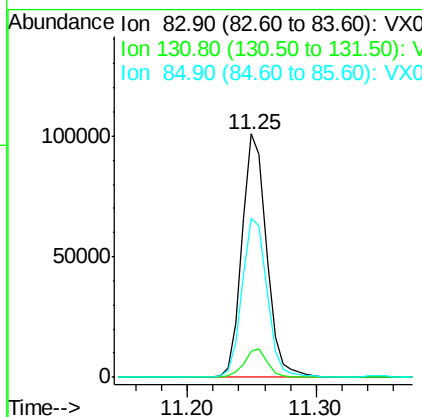
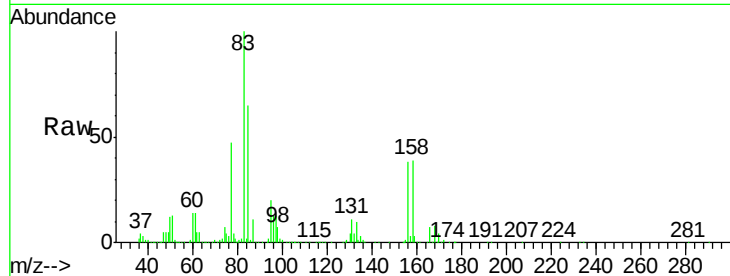
ClientSampleId :

VX0923WBSD01

Tot Ion:	83	Resp:	133739
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	66.4	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.186 ug/l m

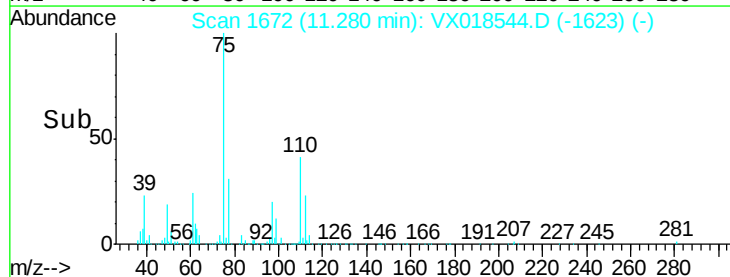
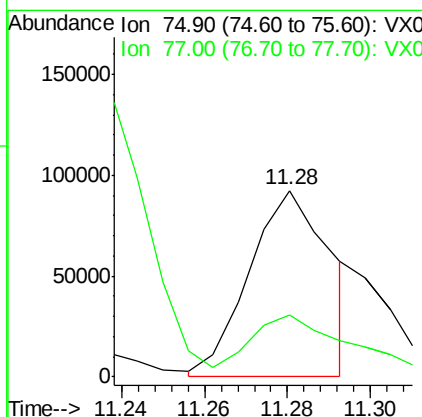
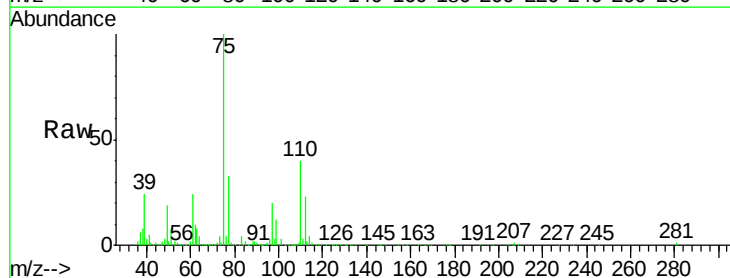
RT: 11.28 min Scan# 1672

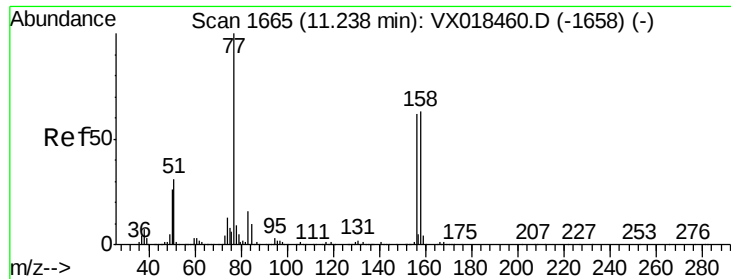
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion:	75	Resp:	125293
Ion Ratio	Lower	Upper	
75	100		
77	41.2	20.9	62.7





#77

Bromobenzene

Concen: 18.641 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

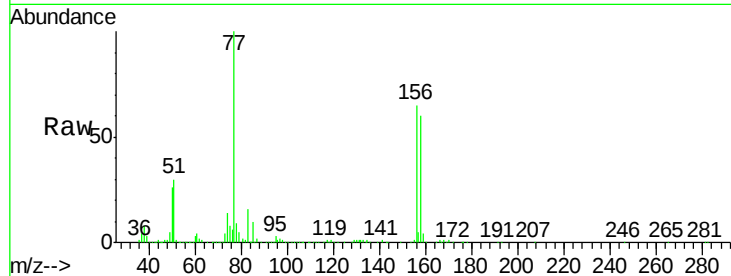
ClientSampleId :

VX0923WBSD01

Tot Ion:	156	Resp:	112647
Ion Ratio	Lower	Upper	
156	100		
77	153.5	78.8	236.5
158	97.7	48.4	145.3

Manual Integrations
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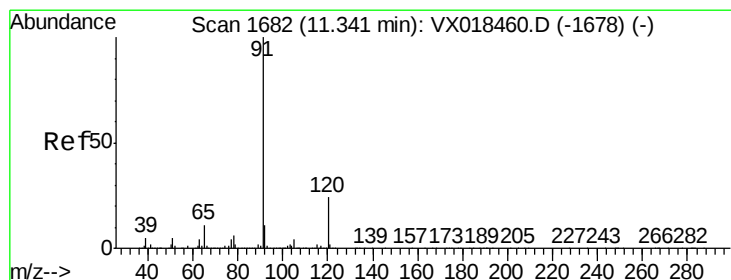
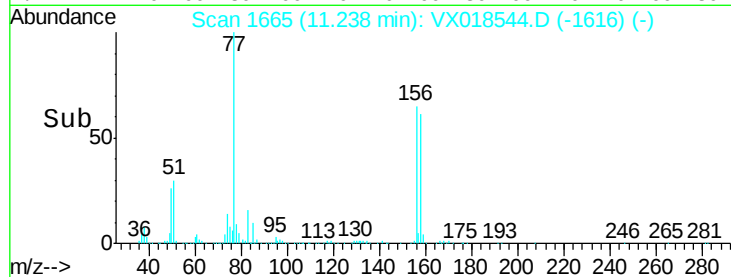
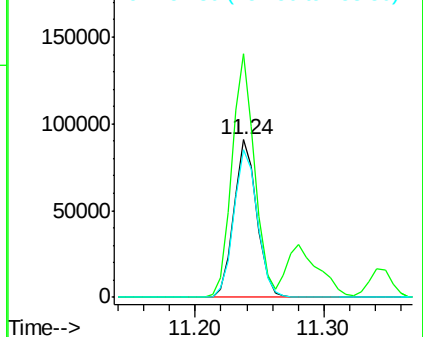
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.759 ug/l

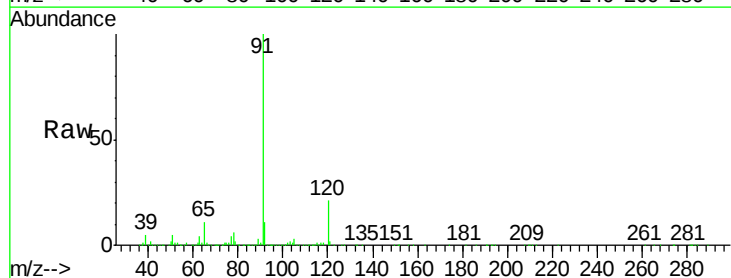
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018544.D

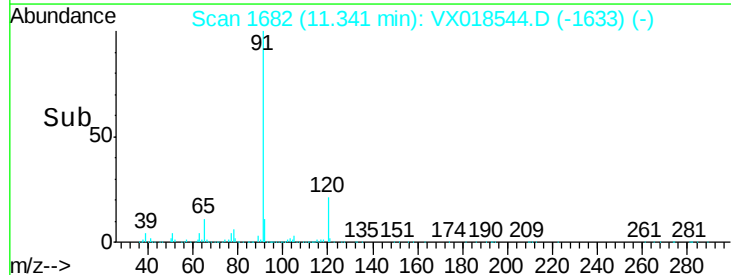
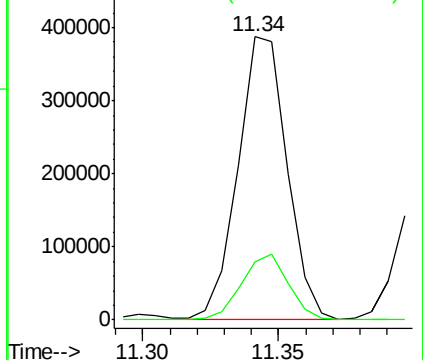
Acq: 23 Sep 2020 19:08

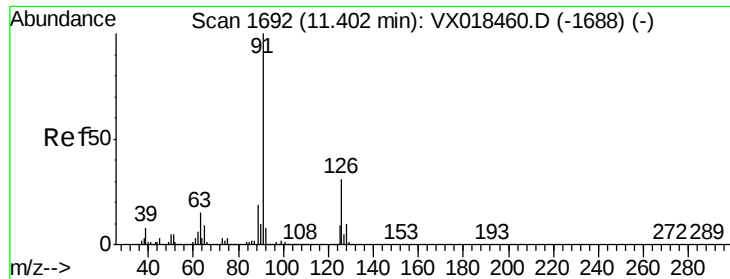
Tgt Ion:	91	Resp:	480903
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





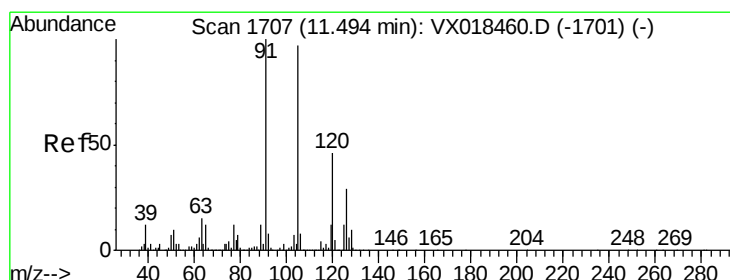
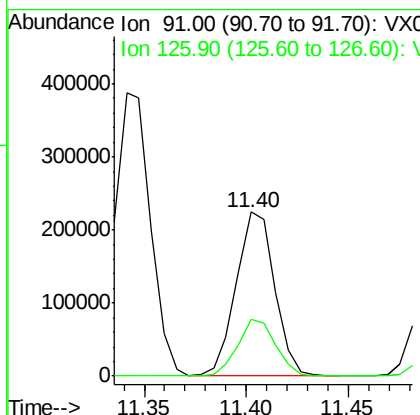
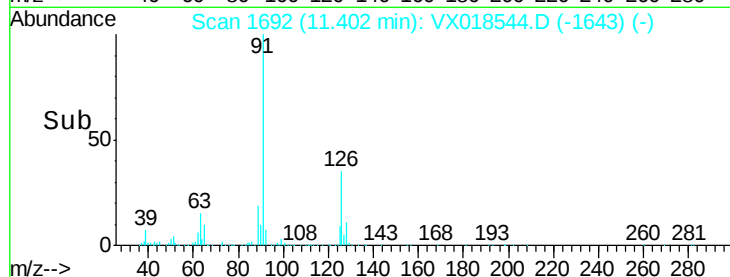
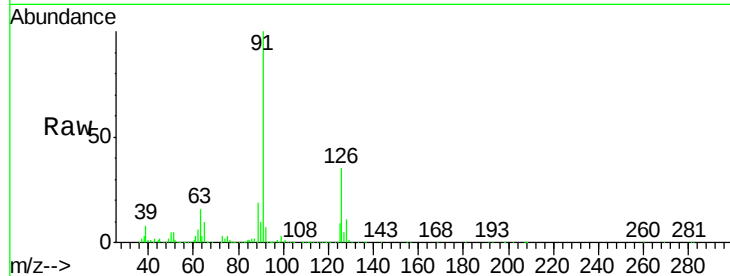
#79
2-Chlorotoluene
Concen: 18.734 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion: 91 Resp: 290704
Ion Ratio Lower Upper
91 100
126 34.8 16.6 49.7

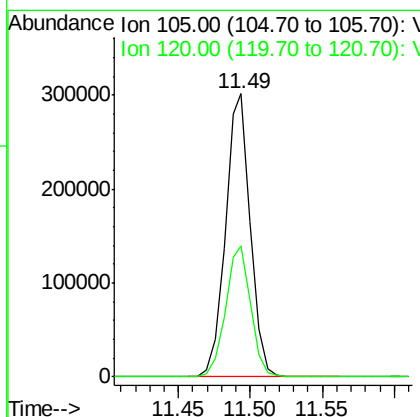
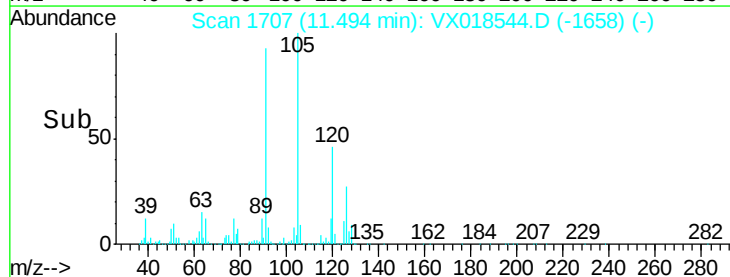
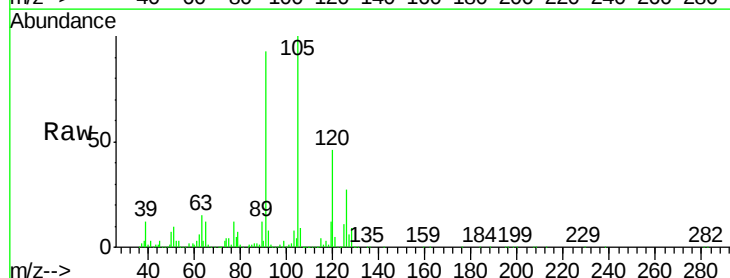
Manual Integrations
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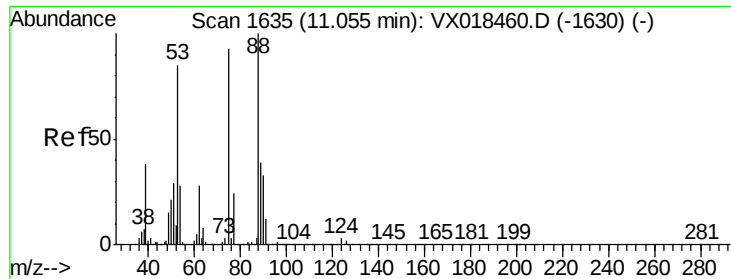
MMDadoda
9/24/2020 1:39:33 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.437 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 105 Resp: 364067
Ion Ratio Lower Upper
105 100
120 46.7 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.653 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

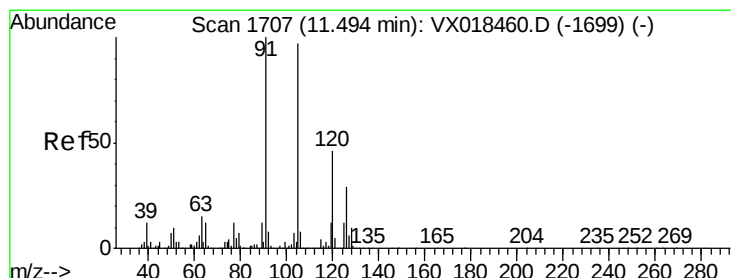
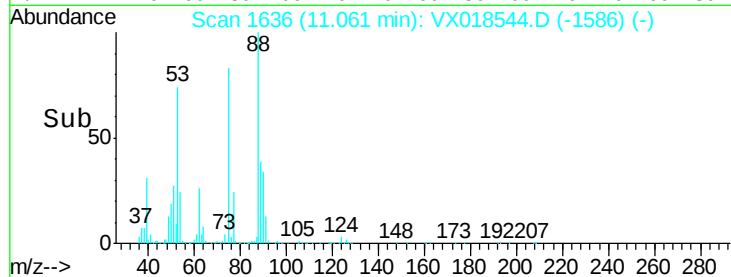
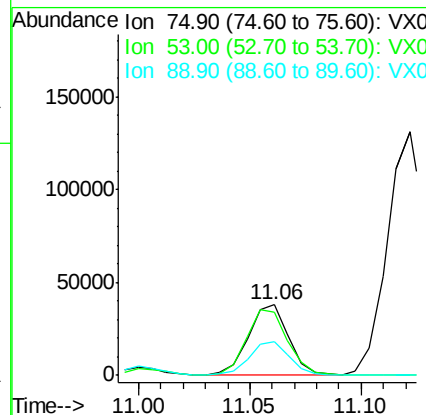
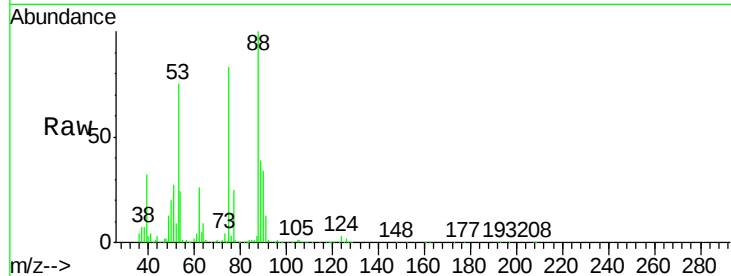
ClientSampleId :

VX0923WBSD01

Tot Ion:	75	Resp:	47461
Ion Ratio	Lower	Upper	
75	100		
53	96.5	74.6	111.8
89	48.6	36.2	54.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.879 ug/l

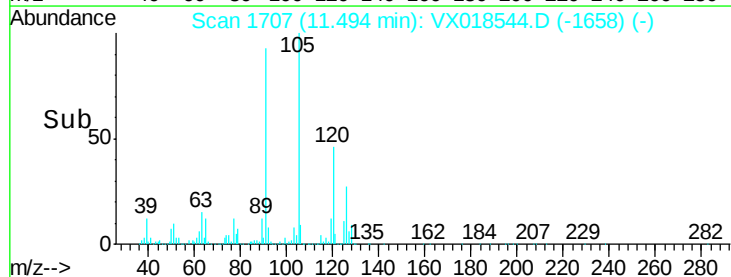
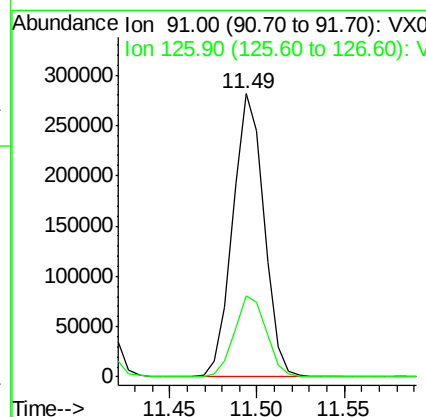
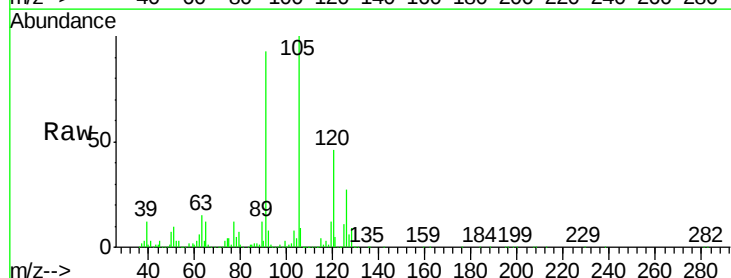
RT: 11.49 min Scan# 1707

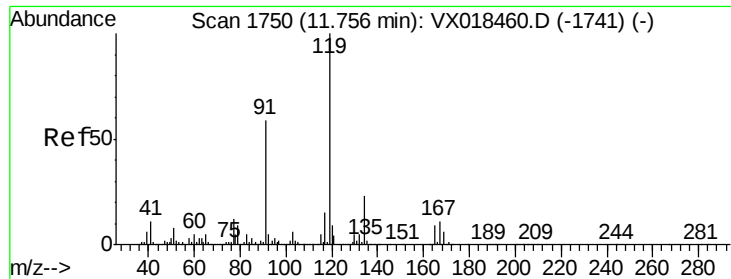
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion:	91	Resp:	348251
Ion Ratio	Lower	Upper	
91	100		
126	29.4	15.0	45.0





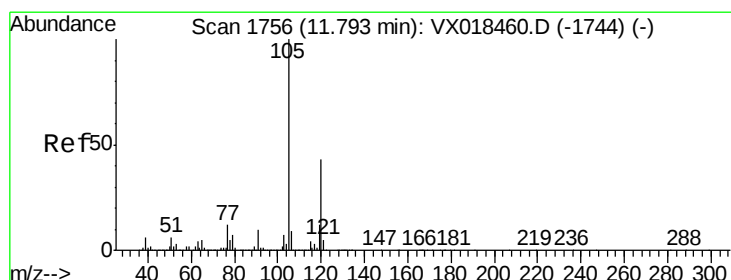
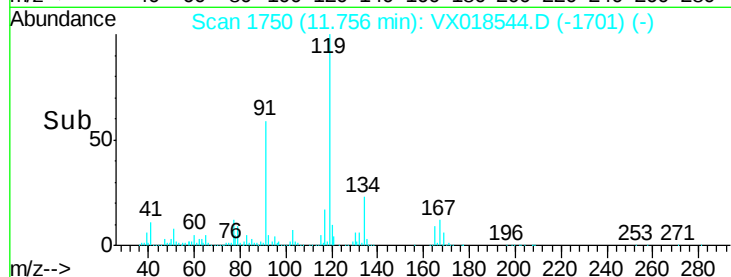
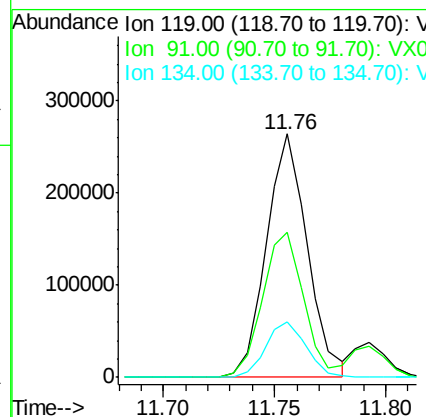
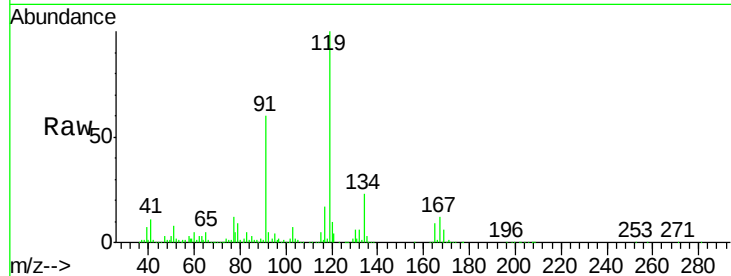
#83
 tert-Butylbenzene
 Concen: 18.527 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	336936		
91	59.1	28.9	86.7	
134	22.6	11.3	33.8	

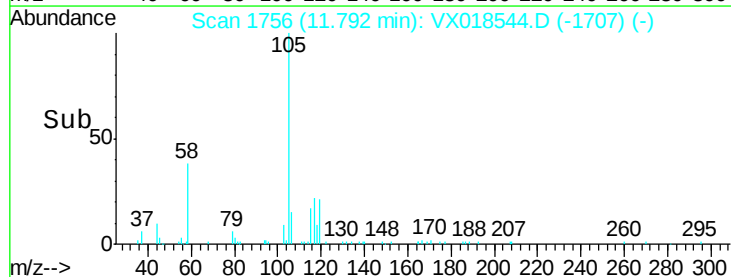
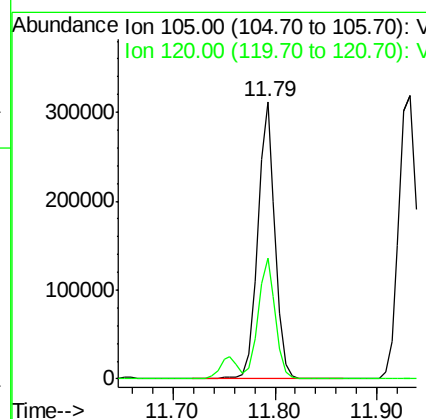
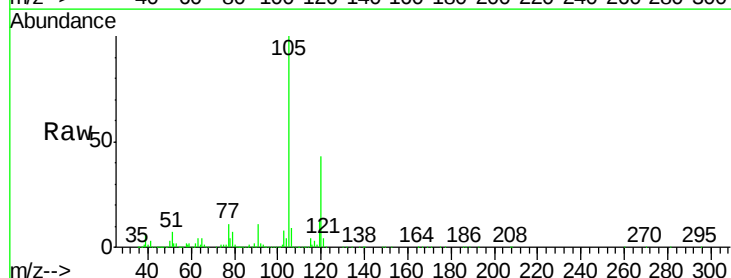
Manual Integrations
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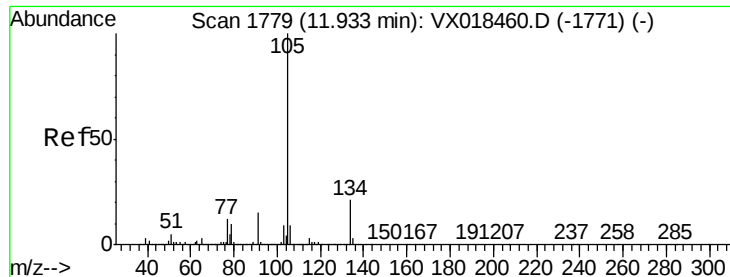
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 9/24/2020 1:39:33 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.459 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	367066		
120	43.7	21.6	65.0	





#85

sec-Butylbenzene

Concen: 18.658 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion:105 Resp: 400358

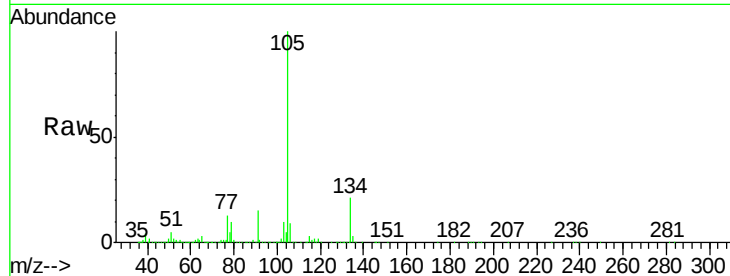
Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4

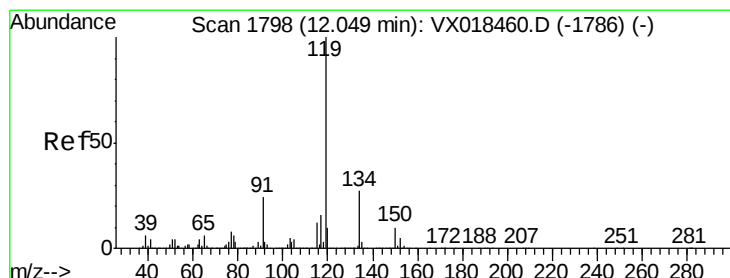
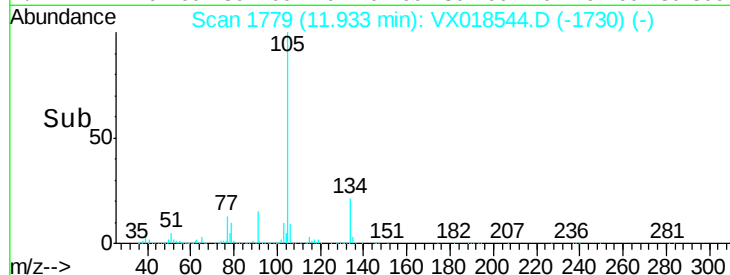
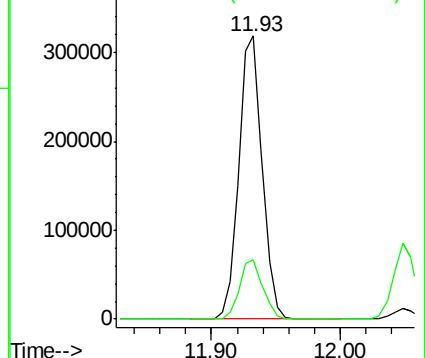
Manual Integrations
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9/24/2020 1:39:33 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.316 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

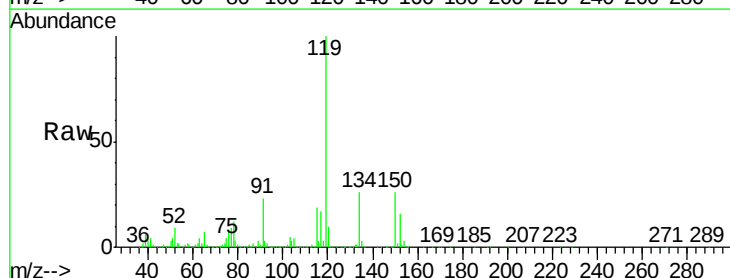
Tgt Ion:119 Resp: 380919

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

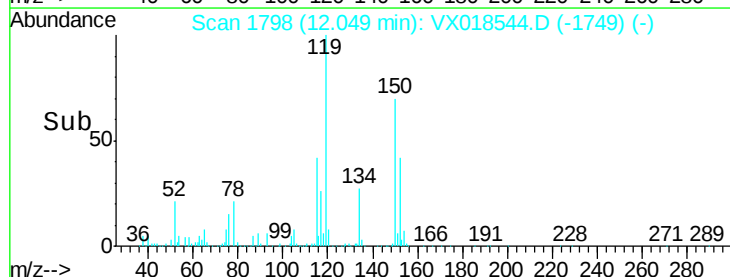
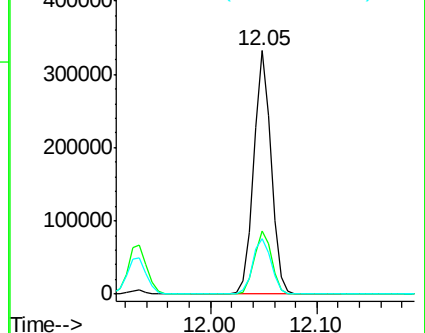
91 24.7 11.9 35.9

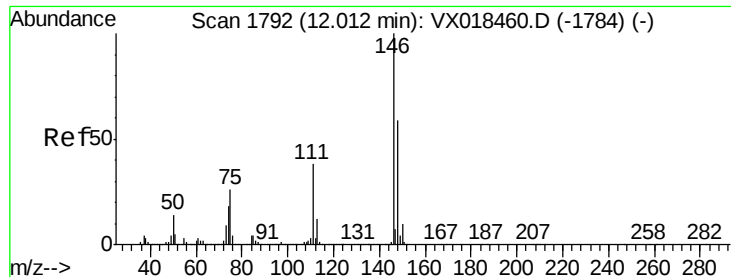


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





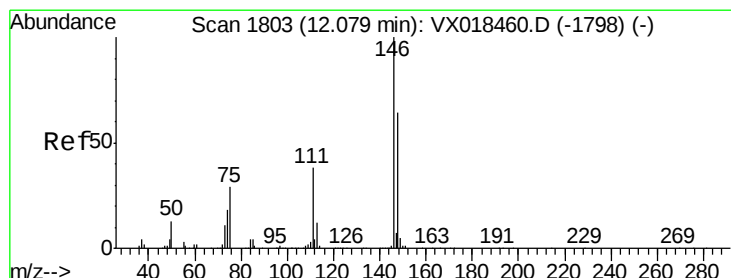
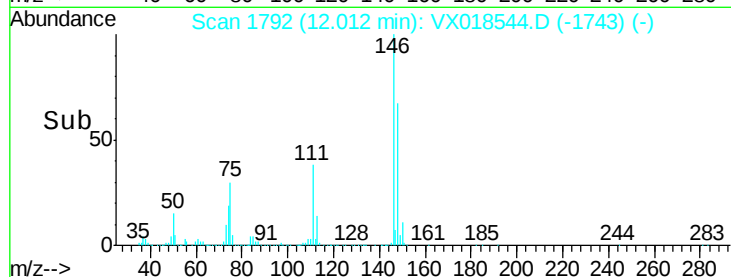
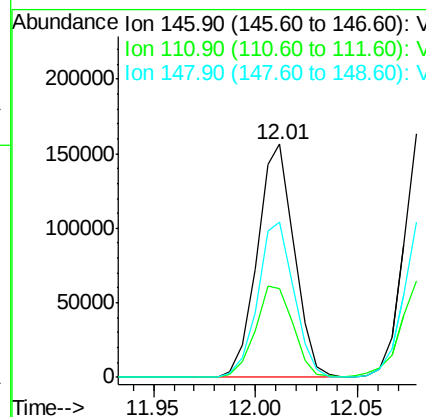
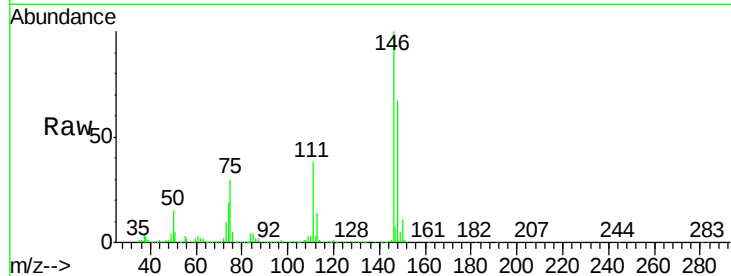
#87
 1,3-Dichlorobenzene
 Concen: 18.173 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	197450		
111	40.1		20.4	61.2
148	65.4		31.1	93.2

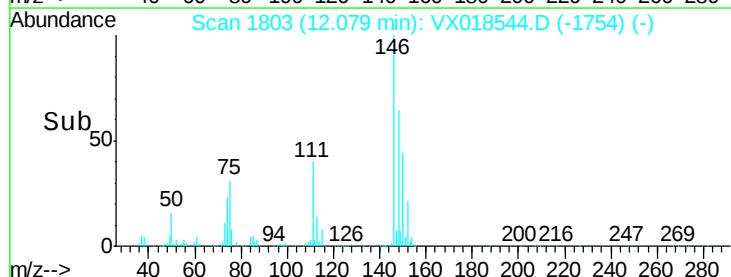
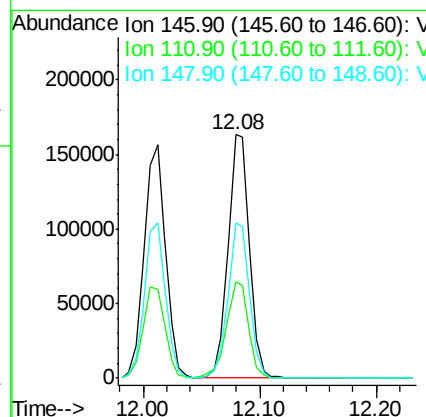
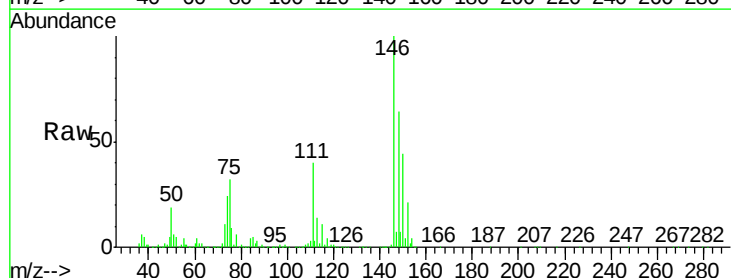
Manual Integrations
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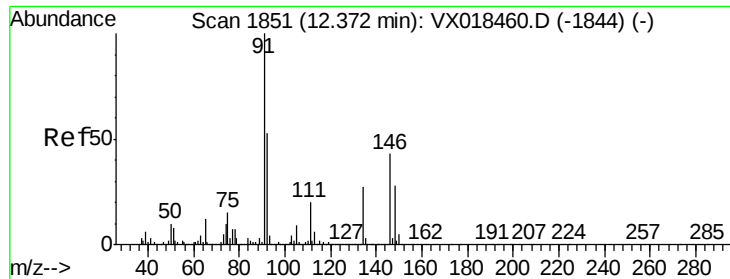
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#88
 1,4-Dichlorobenzene
 Concen: 18.703 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	206044		
111	40.9		19.4	58.4
148	64.2		31.8	95.4





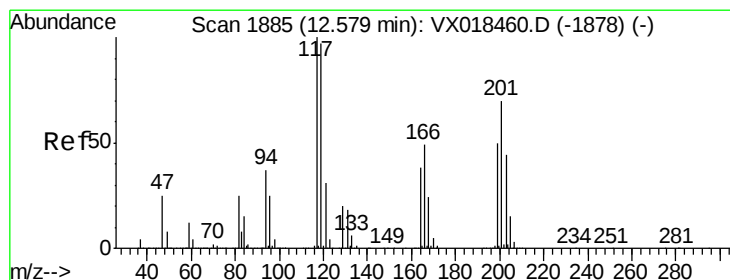
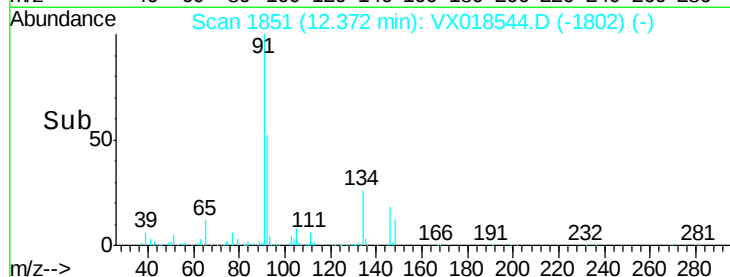
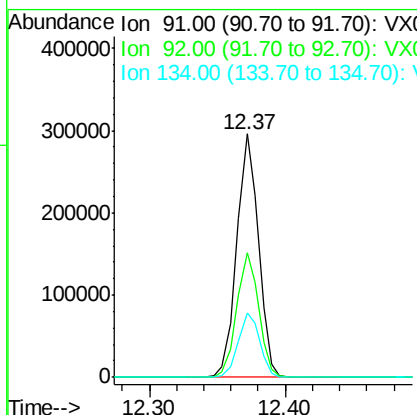
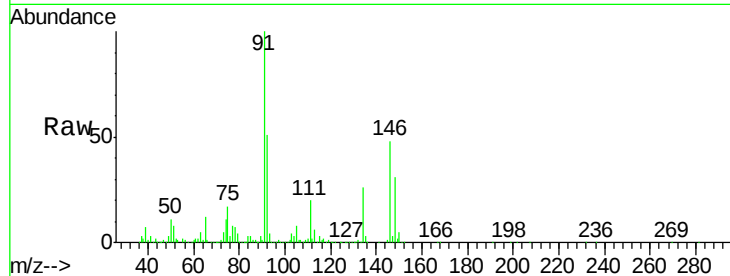
#89
n-Butylbenzene
Concen: 17.974 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.8	26.1	78.2	
134	26.5	13.3	39.8	

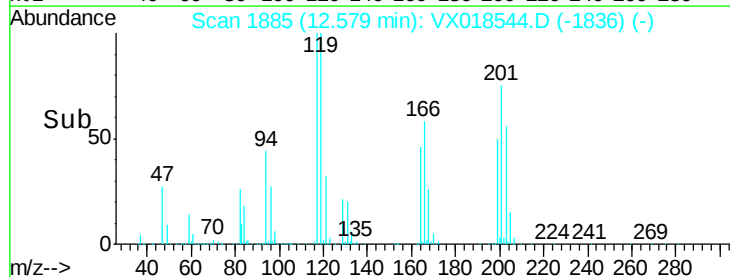
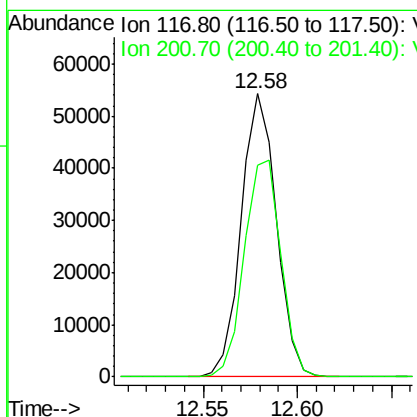
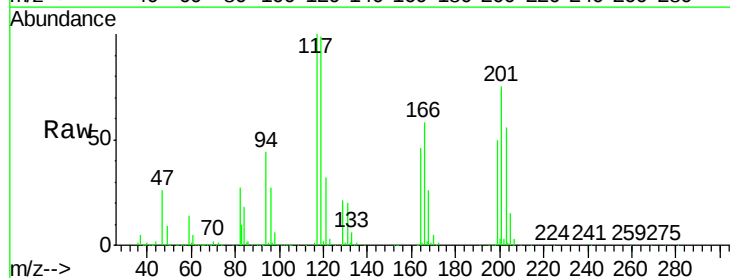
Manual Integrations
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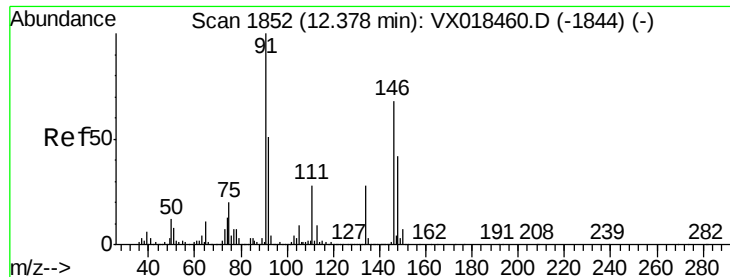
MMDadoda
9/24/2020 1:39:33 PM



#90
Hexachloroethane
Concen: 17.836 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	80.2	36.2	108.6	





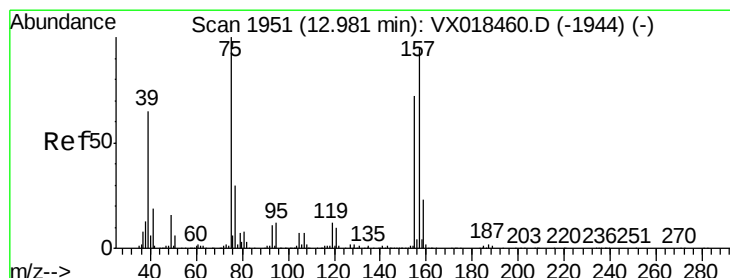
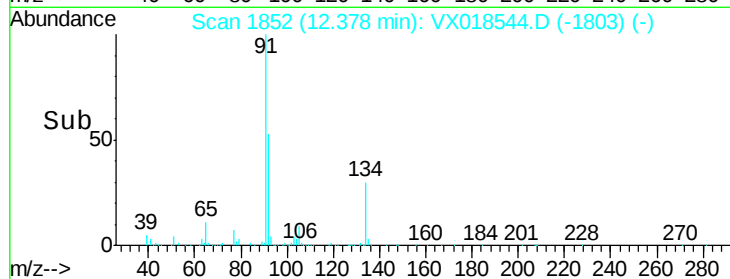
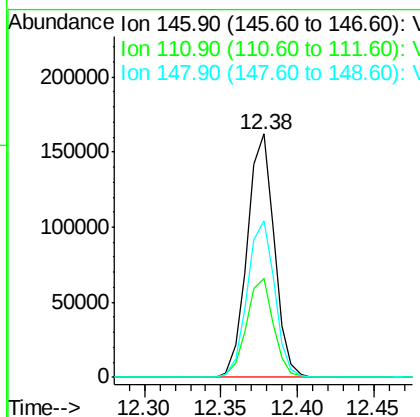
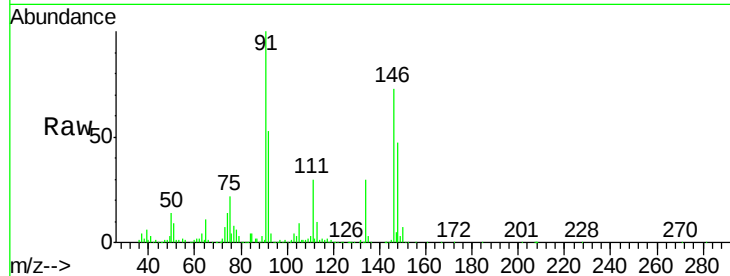
#91
 1,2-Dichlorobenzene
 Concen: 19.609 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199418		
111	40.3	21.5	64.5	
148	65.2	32.1	96.5	

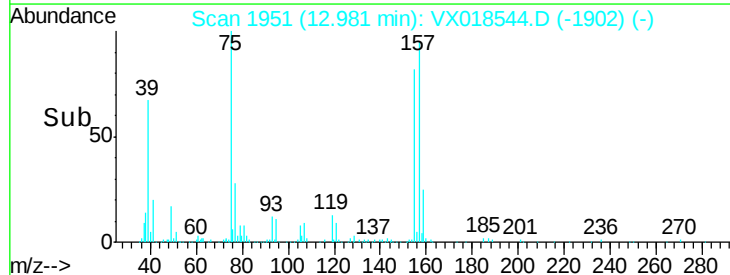
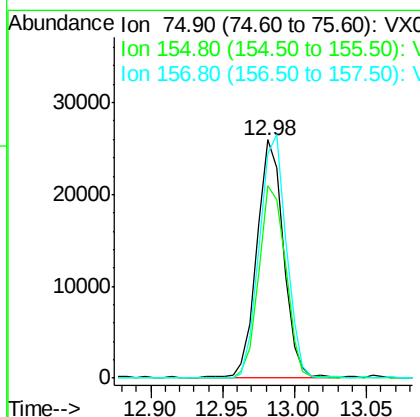
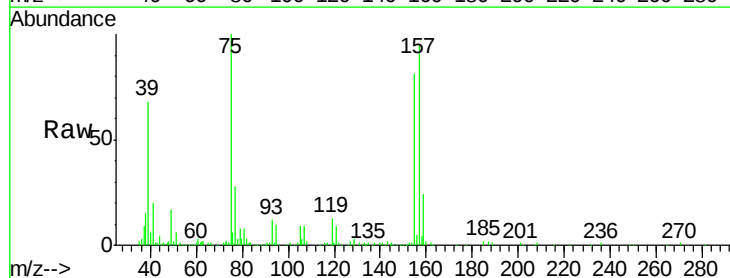
Manual Integrations
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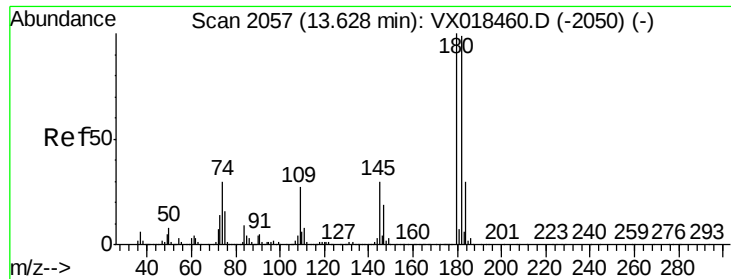
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.593 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32721		
155	82.0	38.8	116.4	
157	104.1	51.1	153.3	





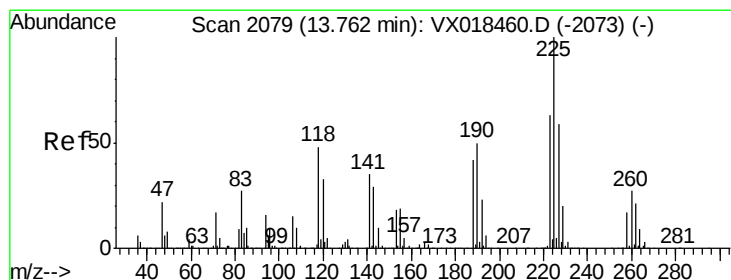
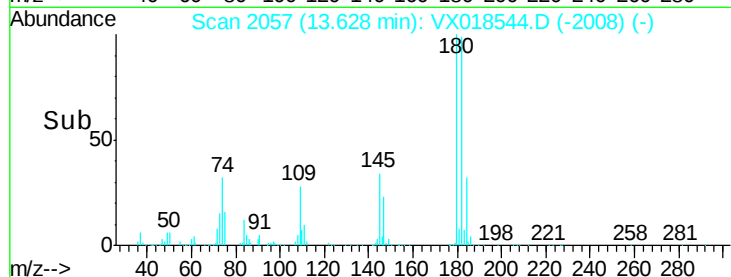
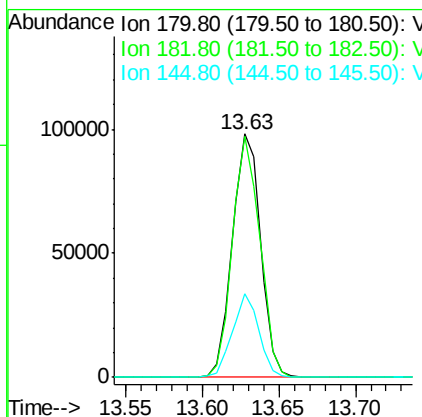
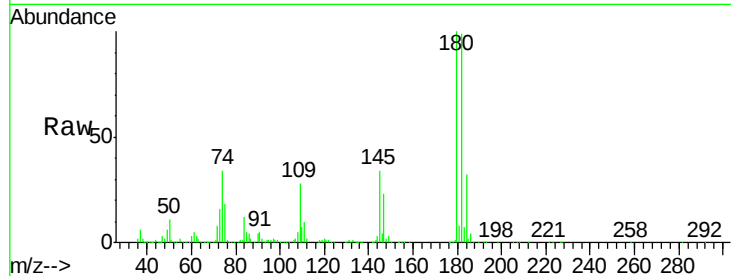
#93
 1,2,4-Trichlorobenzene
 Concen: 17.758 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125686		
182	96.4	50.2	150.6	
145	32.3	15.7	47.1	

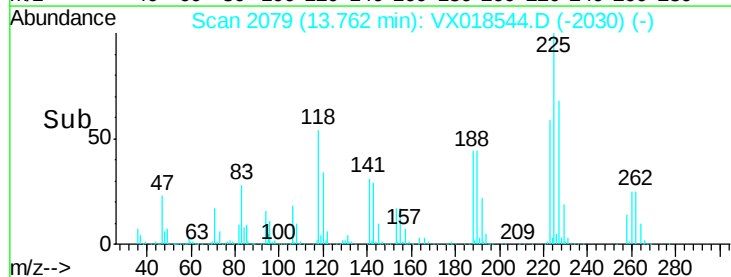
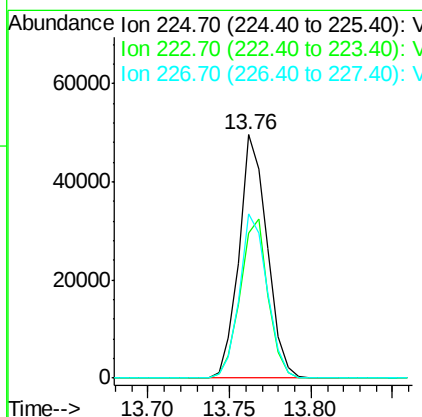
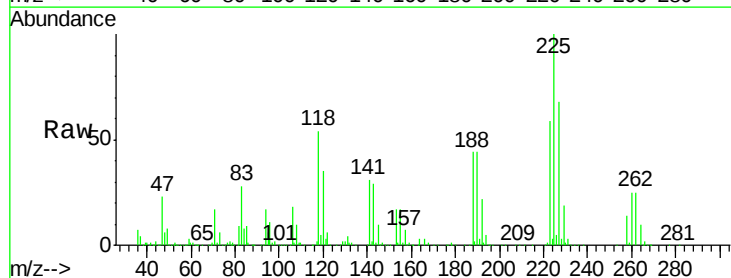
Manual Integrations
 APPROVED

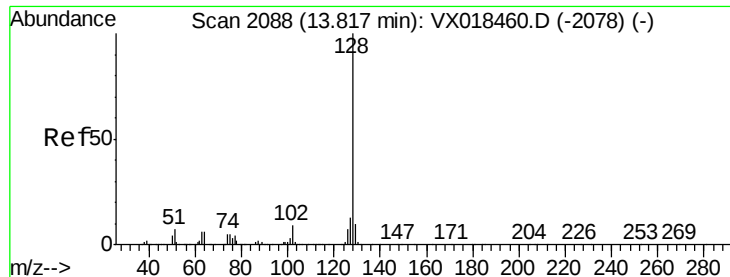
MMDadoda
 9/24/2020 1:39:33 PM



#94
 Hexachlorobutadiene
 Concen: 20.007 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59423		
223	65.1	32.0	96.2	
227	66.7	31.7	95.1	





#95

Naphthalene

Concen: 18.089 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

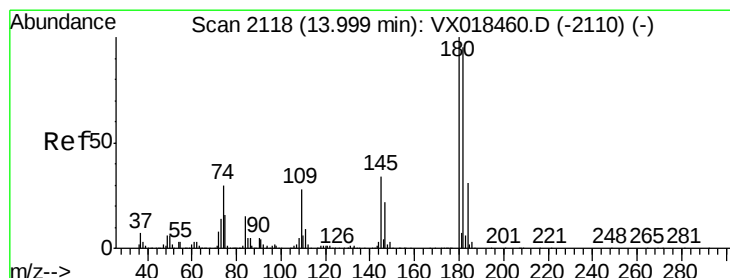
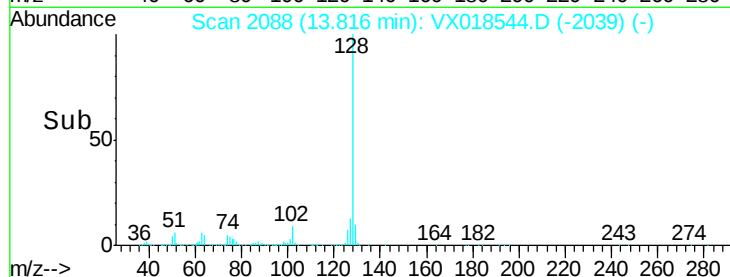
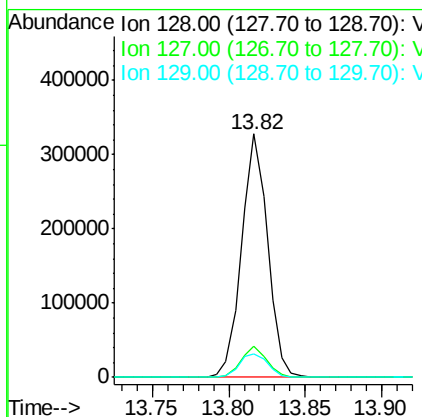
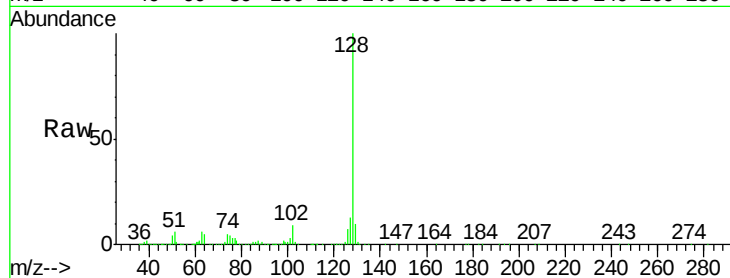
ClientSampleId :

VX0923WBSD01

Tot Ion:	128	Resp:	386656
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 18.993 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion:	180	Resp:	128469
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.1	141.3
145	31.9	16.8	50.4

