

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018044.D
 Acq On : 20 Aug 2020 20:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:08 AM

Quant Time: Aug 21 02:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	578708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	936490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	905703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	456547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	386312	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	5.47	113	311975	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
50) Toluene-d8	8.70	98	1169914	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.12	95	460787	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	372799	58.933	ug/l	100
3) Chloromethane	1.31	50	365629	51.060	ug/l	100
4) Vinyl Chloride	1.39	62	373664	49.218	ug/l	100
5) Bromomethane	1.62	94	182390	47.813	ug/l	100
6) Chloroethane	1.71	64	203002	44.976	ug/l	100
7) Trichlorofluoromethane	1.92	101	510939	51.075	ug/l	100
8) Diethyl Ether	2.17	74	170466	41.747	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	270863	47.556	ug/l	100
10) Methyl Iodide	2.49	142	274050	38.019	ug/l	100
11) Tert butyl alcohol	3.02	59	384743	208.102	ug/l	100
12) 1,1-Dichloroethene	2.36	96	277790	46.673	ug/l	100
13) Acrolein	2.28	56	158702	144.690	ug/l	100
14) Allyl chloride	2.71	41	517905	47.361	ug/l	100
15) Acrylonitrile	3.12	53	879085	224.130	ug/l	100
16) Acetone	2.42	43	745128	223.463	ug/l	100
17) Carbon Disulfide	2.55	76	809195	40.136	ug/l	100
18) Methyl Acetate	2.75	43	376560	45.707	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	979324	47.701	ug/l	100
20) Methylene Chloride	2.83	84	328488	47.007	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	303468	45.602	ug/l	100
22) Diisopropyl ether	3.83	45	1016591	48.965	ug/l	100
23) Vinyl Acetate	3.79	43	4639224	253.624	ug/l	100
24) 1,1-Dichloroethane	3.67	63	573838	49.331	ug/l	100
25) 2-Butanone	4.64	43	1277799	236.624	ug/l	100
26) 2,2-Dichloropropane	4.55	77	456691	43.801	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	348115	47.774	ug/l	100
28) Bromochloromethane	4.98	49	268315	50.162	ug/l	100
29) Tetrahydrofuran	5.09	42	833013	233.054	ug/l	100
30) Chloroform	5.18	83	588862	50.645	ug/l	100
31) Cyclohexane	5.55	56	483414	46.591	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	538242	50.864	ug/l	100
36) 1,1-Dichloropropene	5.77	75	438771	47.748	ug/l	100
37) Ethyl Acetate	4.80	43	496663	47.074	ug/l	100
38) Carbon Tetrachloride	5.75	117	495157	52.291	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	485222	44.584	ug/l	100
40) Benzene	6.11	78	1264445	47.240	ug/l	100
41) Methacrylonitrile	5.01	41	271972	47.666	ug/l	100
42) 1,2-Dichloroethane	6.17	62	484192	49.707	ug/l	100
43) Isopropyl Acetate	6.42	43	821383	48.472	ug/l	100
44) Trichloroethene	7.19	130	359464	38.849	ug/l	100
45) 1,2-Dichloropropane	7.49	63	346355	50.622	ug/l	100
46) Dibromomethane	7.64	93	237423	50.846	ug/l	100
47) Bromodichloromethane	7.88	83	489106	51.561	ug/l	100
48) Methyl methacrylate	7.75	41	407920	50.469	ug/l	100
49) 1,4-Dioxane	7.71	88	156303	833.353	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2595517	250.249	ug/l	100
52) Toluene	8.77	92	813962	48.674	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	544726	48.560	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	570257	48.690	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	344894	51.839	ug/l	100
56) Ethyl methacrylate	9.16	69	528420	49.353	ug/l	100
57) 1,3-Dichloropropane	9.35	76	571346	49.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1156981	208.387	ug/l	100
59) 2-Hexanone	9.48	43	2007628	246.796	ug/l	100
60) Dibromochloromethane	9.57	129	410143	55.417	ug/l	100
61) 1,2-Dibromoethane	9.65	107	375363	52.159	ug/l	100
64) Tetrachloroethene	9.32	164	334643	32.107	ug/l	100
65) Chlorobenzene	10.12	112	914834	48.451	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	364493	51.732	ug/l	100
67) Ethyl Benzene	10.24	91	1600649	47.791	ug/l	100
68) m/p-Xylenes	10.34	106	1221435	97.304	ug/l	100
69) o-Xylene	10.68	106	578209	48.008	ug/l	100
70) Styrene	10.70	104	1016235	49.578	ug/l	100
71) Bromoform	10.84	173	315675	54.749	ug/l	100
73) Isopropylbenzene	11.01	105	1574584	47.866	ug/l	100
74) N-amyl acetate	10.88	43	766107	49.610	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	514839	79.286	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	499717m	48.563	ug/l	
77) Bromobenzene	11.24	156	410625	48.009	ug/l	100
78) n-propylbenzene	11.35	91	1775421	46.503	ug/l	100
79) 2-Chlorotoluene	11.40	91	1091093	48.018	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1326303	47.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	190760	45.172	ug/l	100
82) 4-Chlorotoluene	11.49	91	1285946	47.991	ug/l	100
83) tert-Butylbenzene	11.76	119	1273333	52.132	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1345486	47.849	ug/l	100
85) sec-Butylbenzene	11.93	105	1473264	45.865	ug/l	100
86) p-Isopropyltoluene	12.05	119	1376737	46.168	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	715497	46.766	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	719607	46.396	ug/l	100
89) n-Butylbenzene	12.37	91	1206499	44.377	ug/l	100
90) Hexachloroethane	12.58	117	261863	50.442	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	700533	47.430	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128595	47.335	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	461784	42.796	ug/l	100
94) Hexachlorobutadiene	13.77	225	178024	36.498	ug/l	100
95) Naphthalene	13.82	128	1578372	45.159	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	447982	42.742	ug/l	100

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

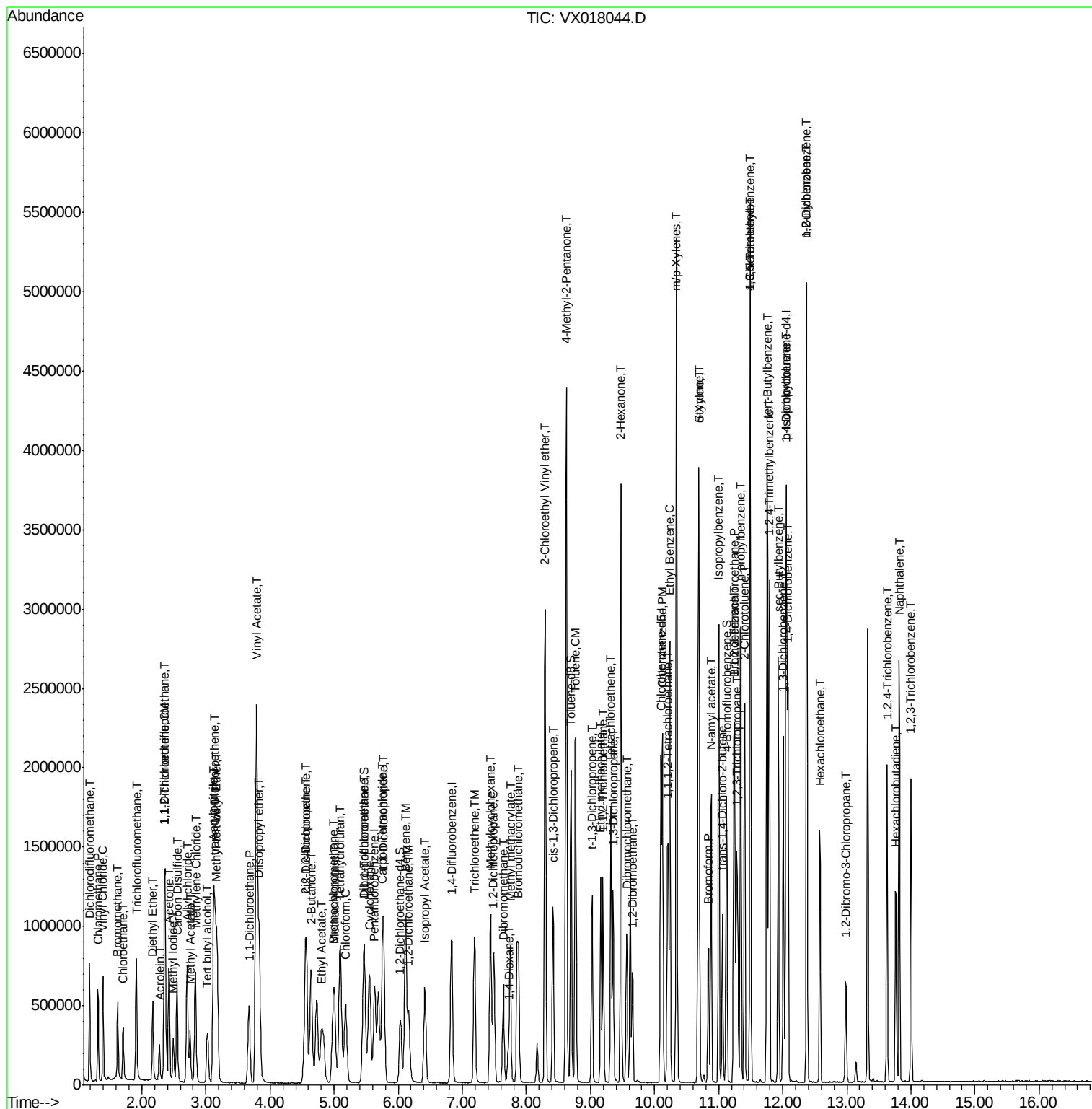
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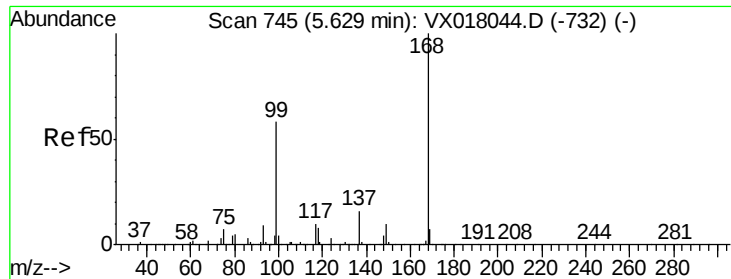
Instrument :
MSVOA_X
ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 578708

Ion Ratio Lower Upper

168 100

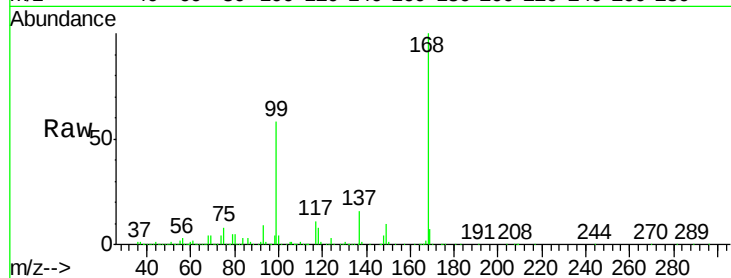
99 57.9 46.3 69.5

Manual Integrations

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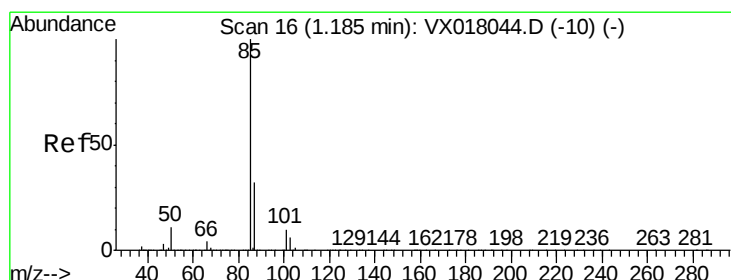
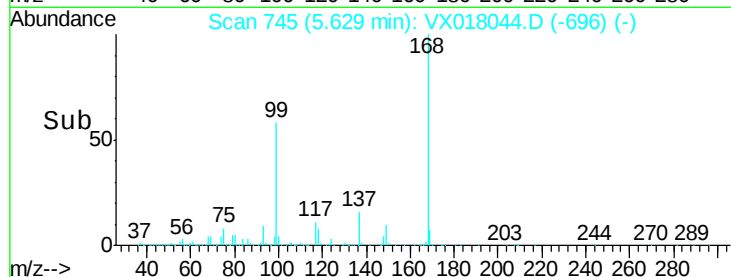
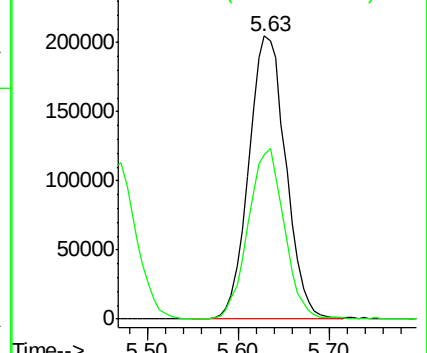
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 58.933 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018044.D

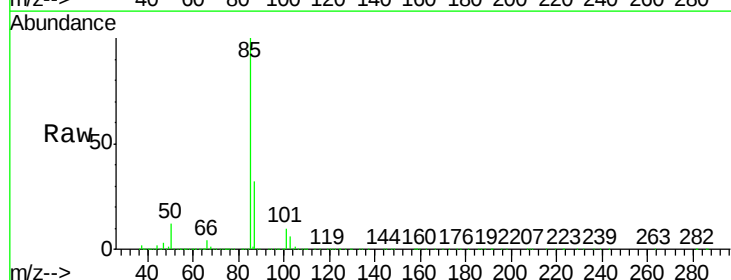
Acq: 20 Aug 2020 20:08

Tgt Ion: 85 Resp: 372799

Ion Ratio Lower Upper

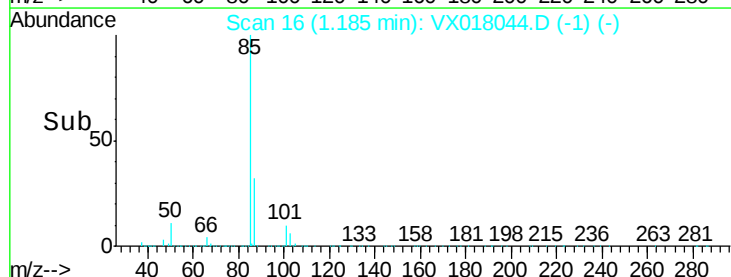
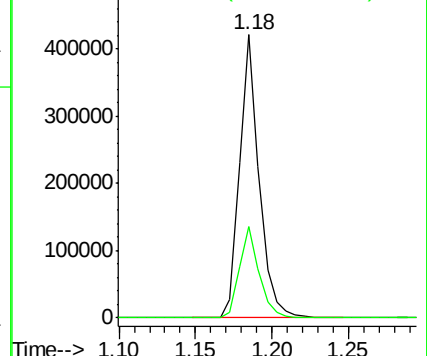
85 100

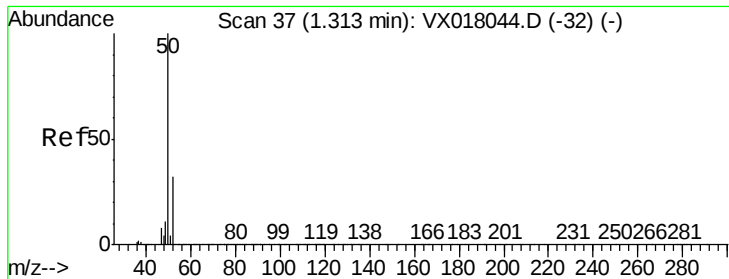
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.060 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 365629

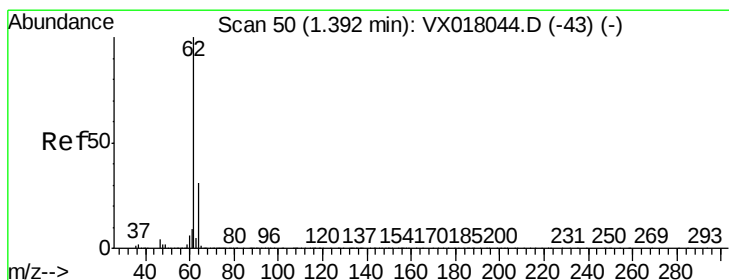
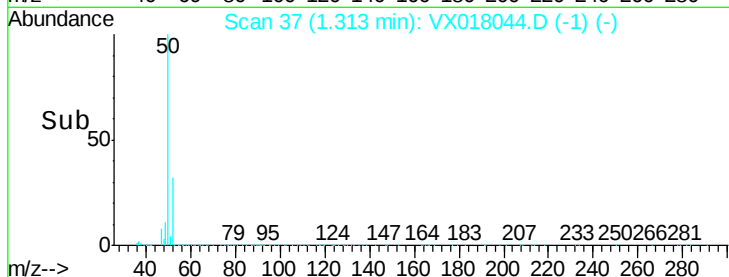
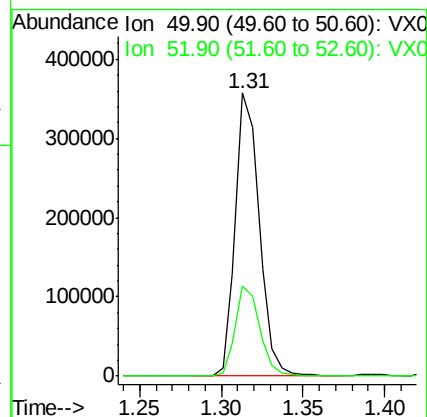
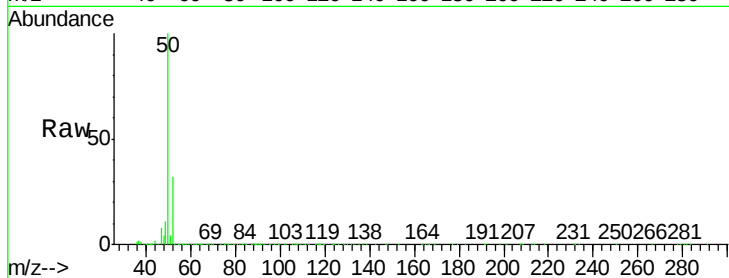
Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2

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#4

Vinyl Chloride

Concen: 49.218 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018044.D

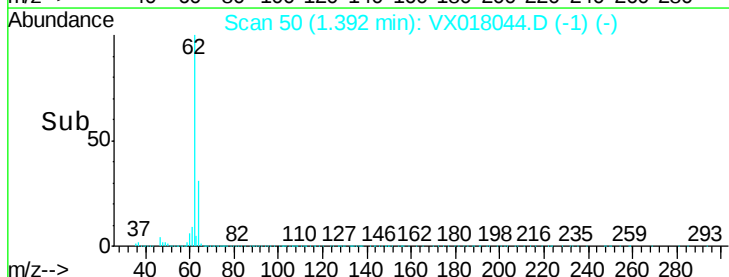
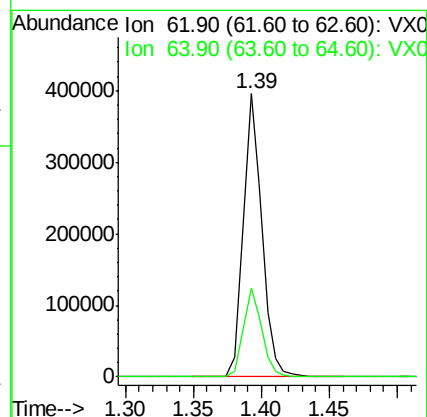
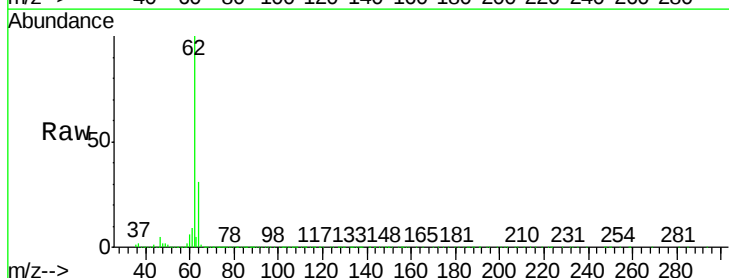
Acq: 20 Aug 2020 20:08

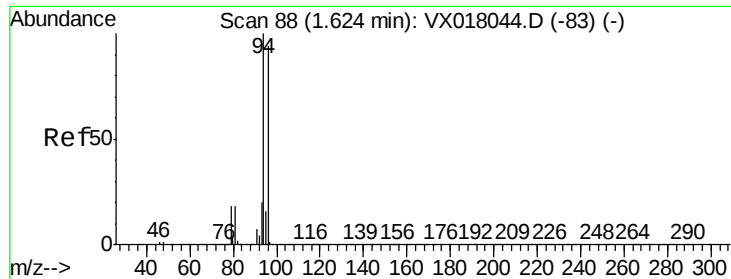
Tgt Ion: 62 Resp: 373664

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 47.813 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018044.D

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Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 182390

Ion Ratio Lower Upper

94 100

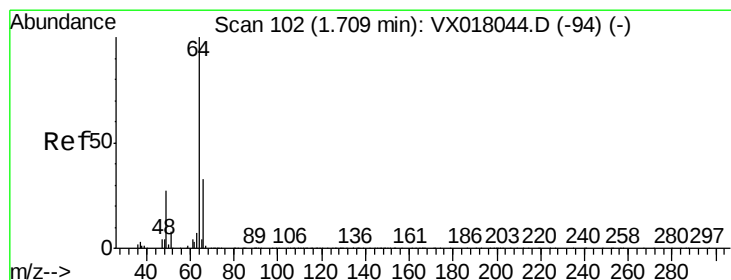
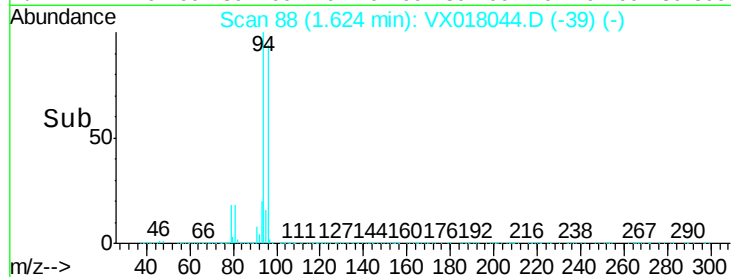
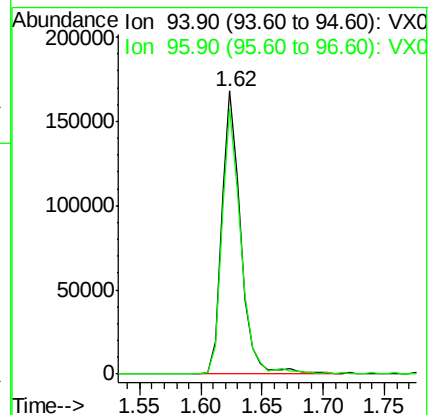
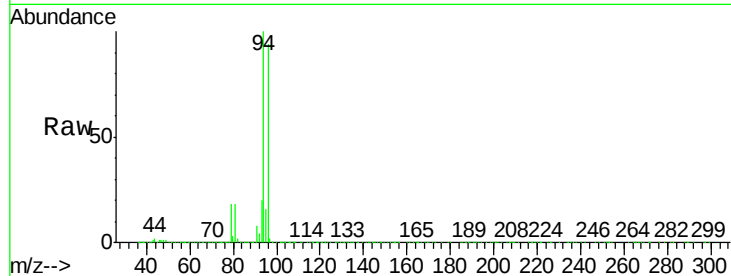
96 93.5 74.8 112.2

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#6

Chloroethane

Concen: 44.976 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

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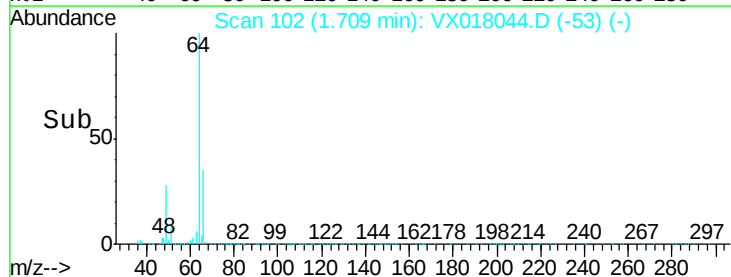
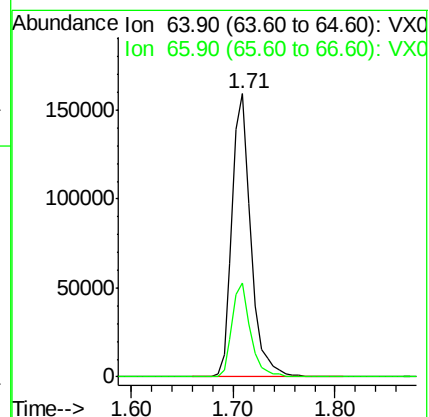
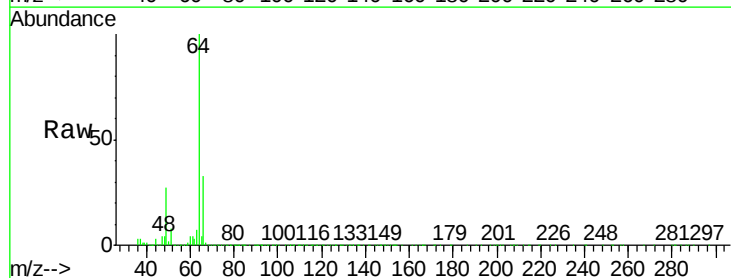
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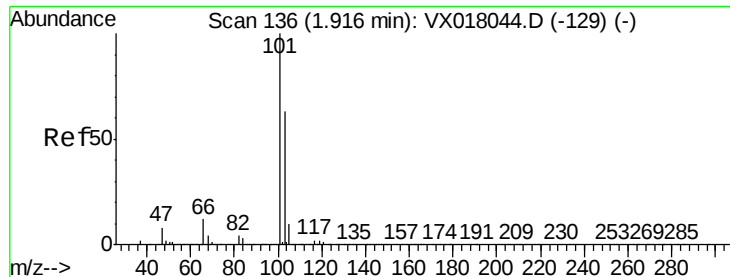
Tgt Ion: 64 Resp: 203002

Ion Ratio Lower Upper

64 100

66 33.2 26.6 39.8





#7

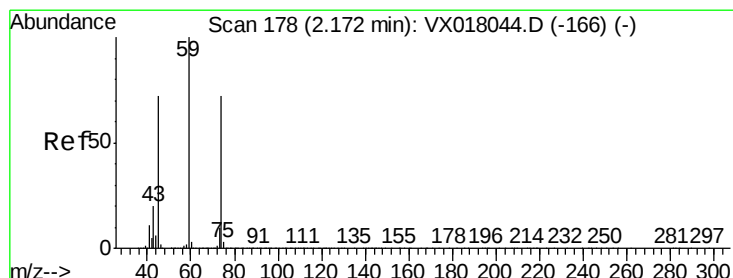
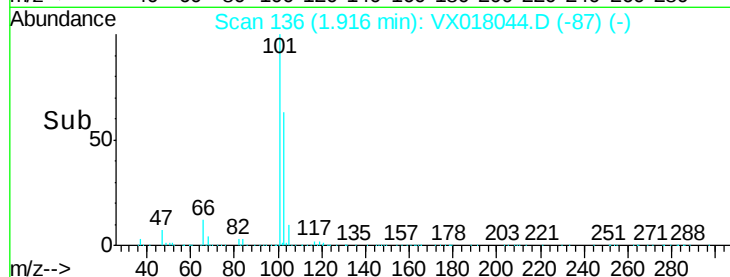
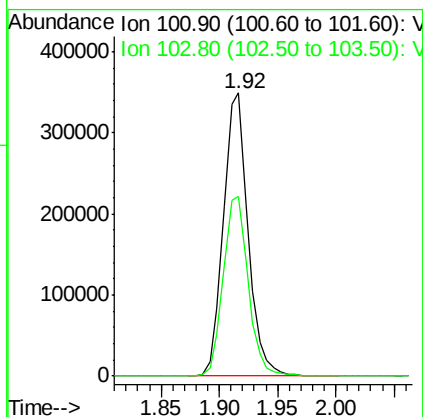
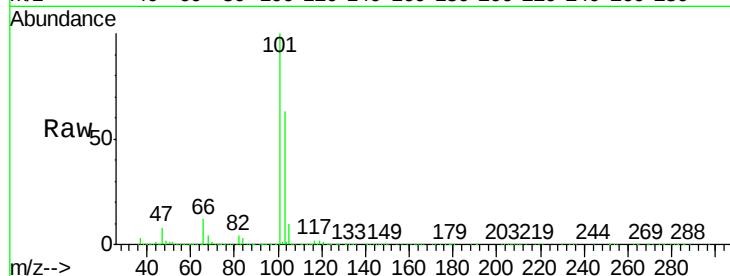
Trichlorofluoromethane
Concen: 51.075 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.7	76.1

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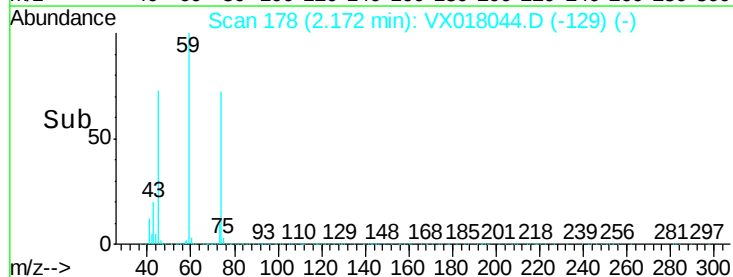
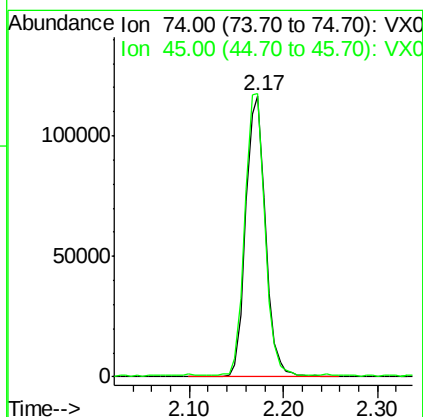
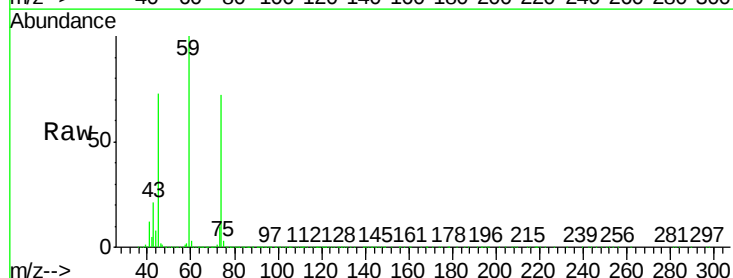
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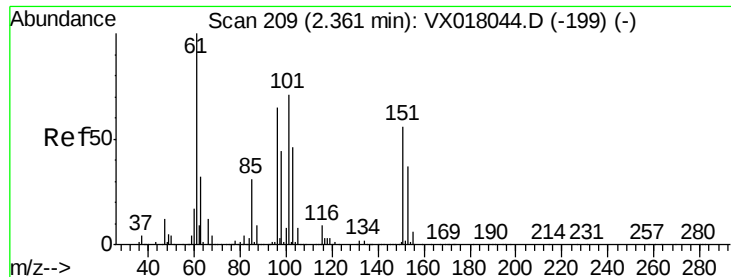


#8

Diethyl Ether
Concen: 41.747 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.556 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

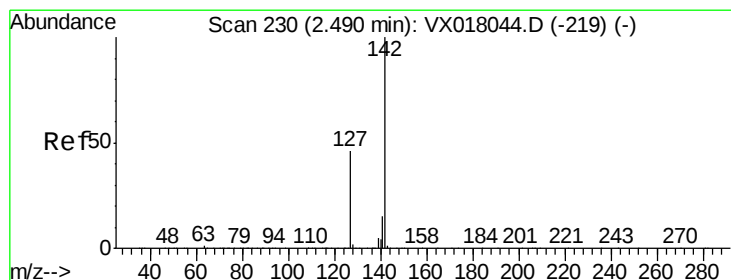
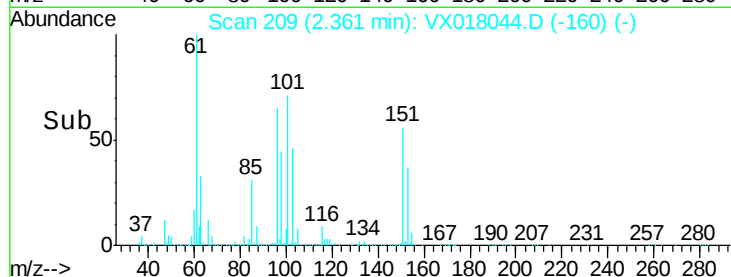
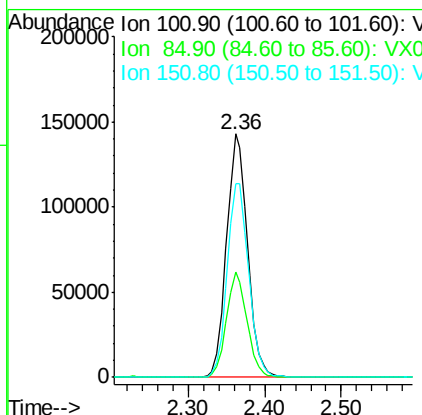
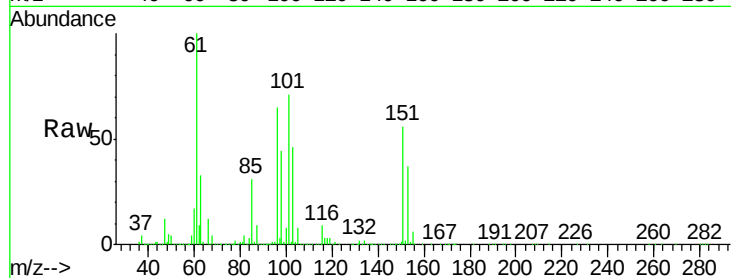
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	270863
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.0	51.0
151	81.5	65.2	97.8

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#10

Methyl Iodide

Concen: 38.019 ug/l

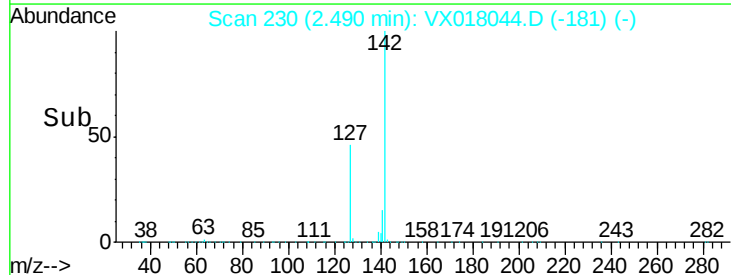
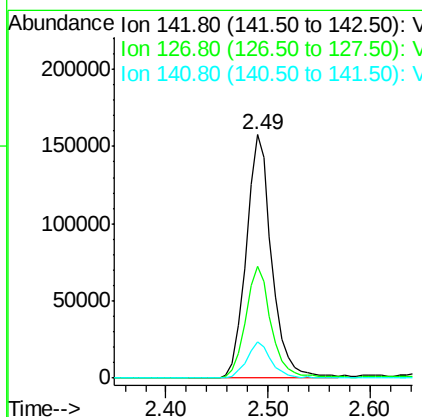
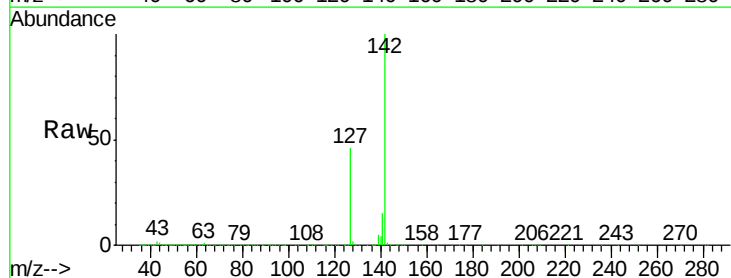
RT: 2.49 min Scan# 230

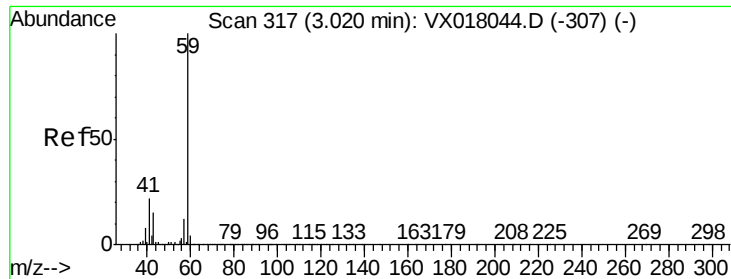
Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion:	142	Resp:	274050
Ion Ratio	Lower	Upper	
142	100		
127	46.3	37.0	55.6
141	14.4	11.5	17.3





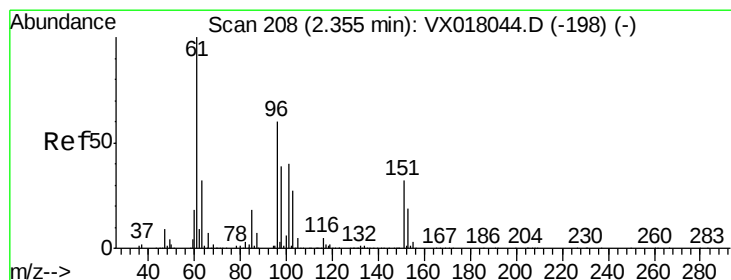
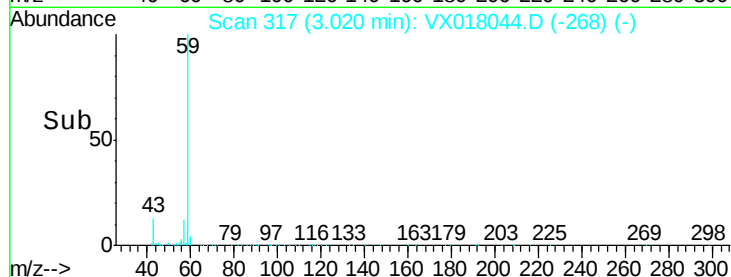
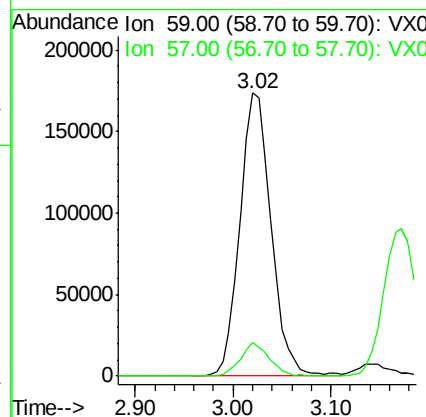
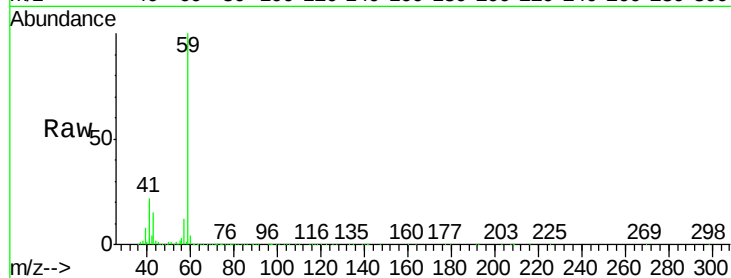
#11
Tert butyl alcohol
Concen: 208.102 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.9	13.3

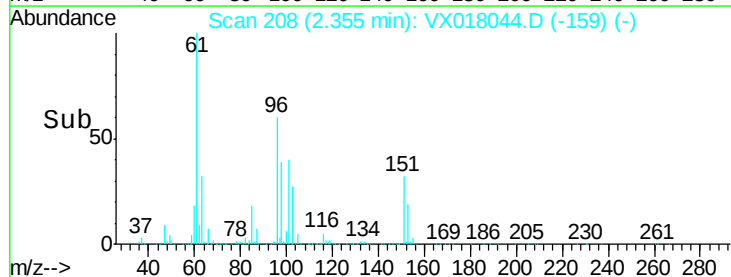
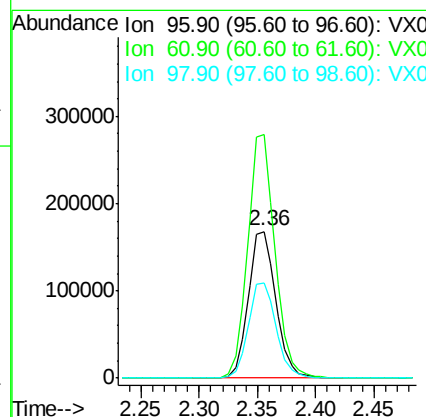
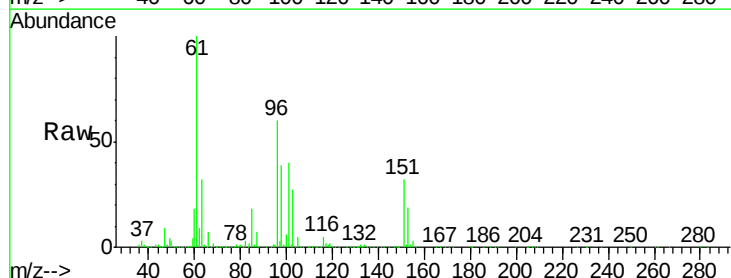
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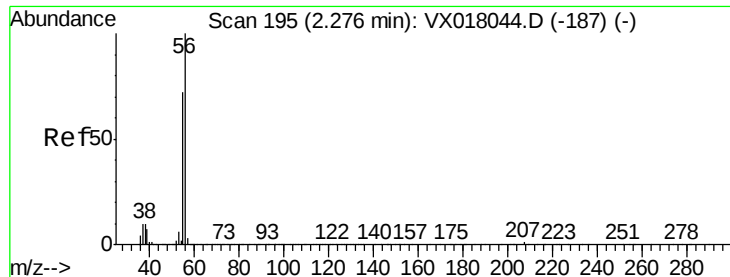
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#12
1,1-Dichloroethene
Concen: 46.673 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.2	133.0	199.4
98	64.5	51.6	77.4





#13

Acrolein

Concen: 144.690 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 158702

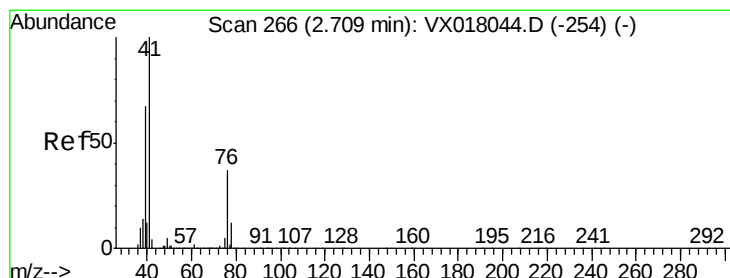
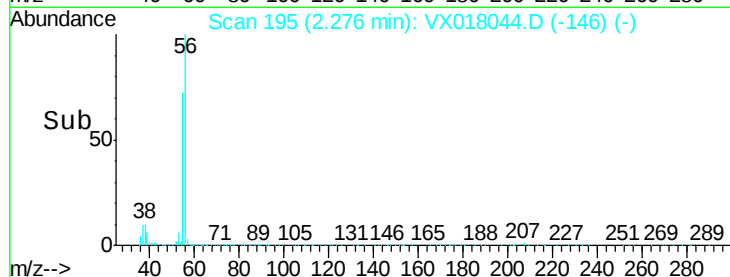
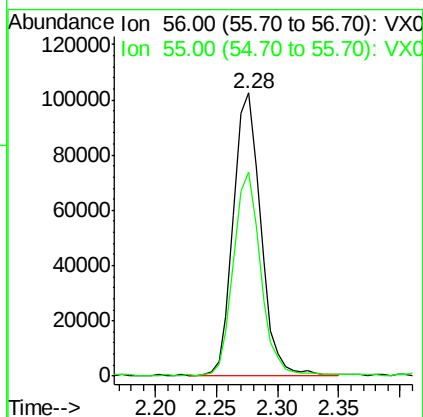
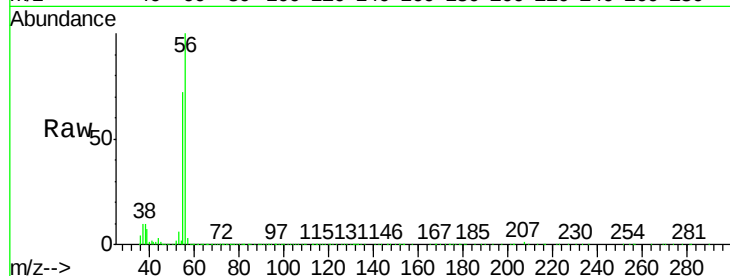
Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.6

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#14

Allyl chloride

Concen: 47.361 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

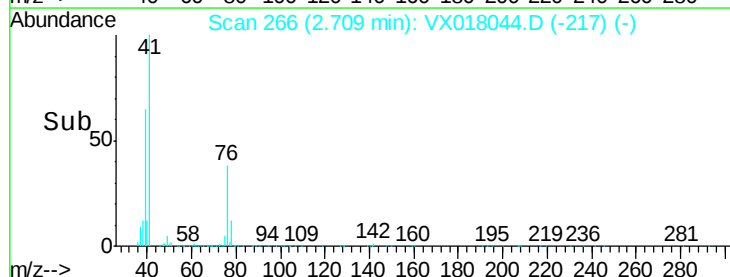
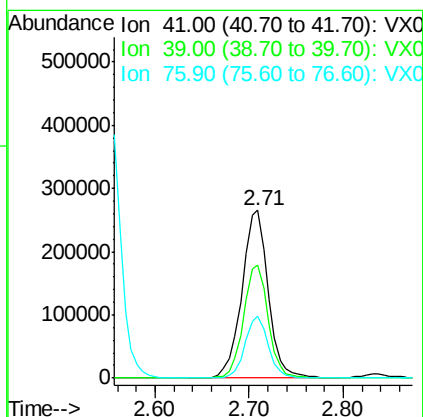
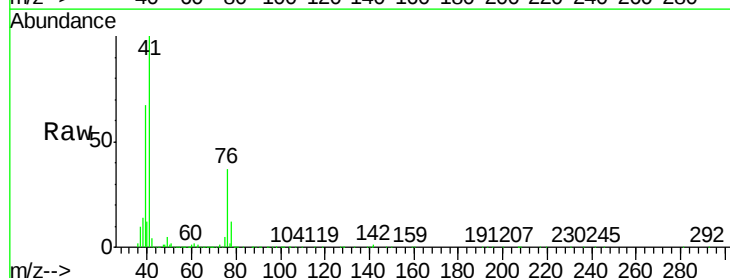
Tgt Ion: 41 Resp: 517905

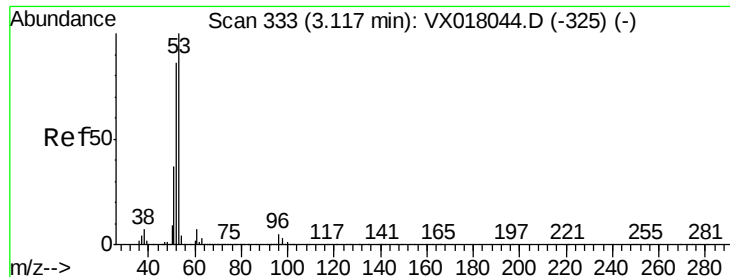
Ion Ratio Lower Upper

41 100

39 63.3 50.6 76.0

76 32.7 26.2 39.2





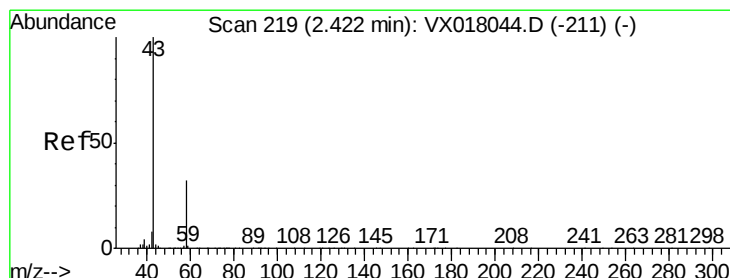
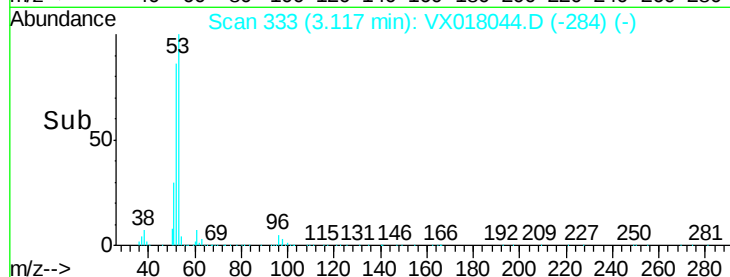
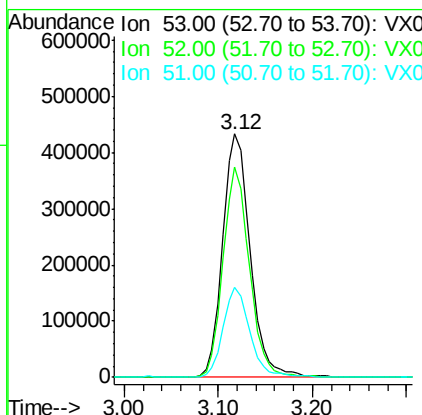
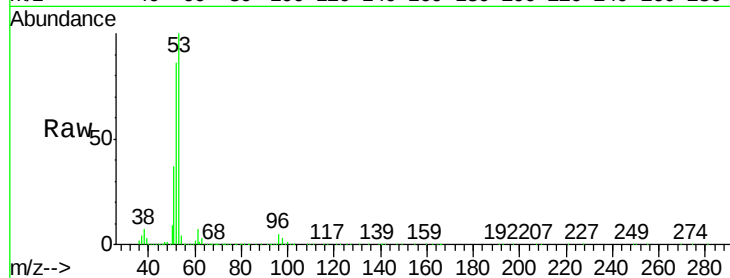
#15
 Acrylonitrile
 Concen: 224.130 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	53	Resp:	879085
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.9	100.3
51	35.9	28.7	43.1

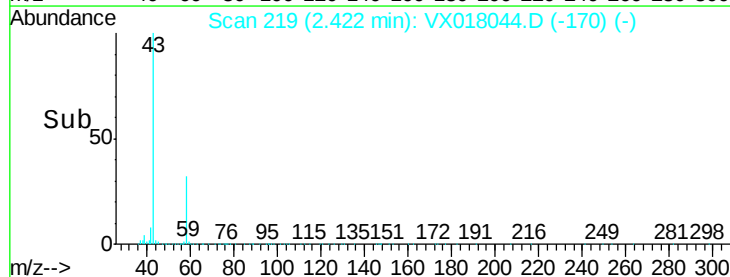
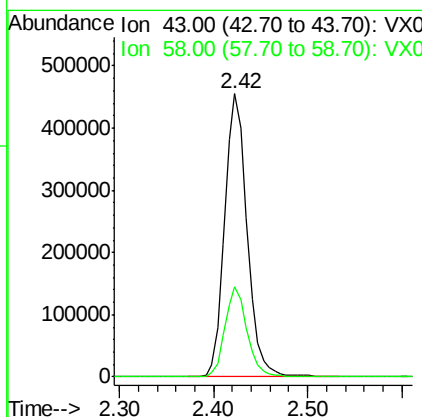
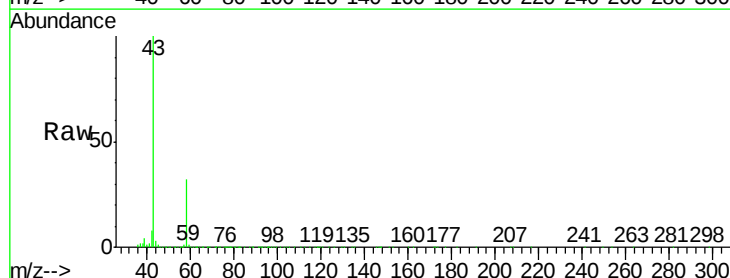
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#16
 Acetone
 Concen: 223.463 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion:	43	Resp:	745128
Ion Ratio	Lower	Upper	
43	100		
58	31.9	25.5	38.3





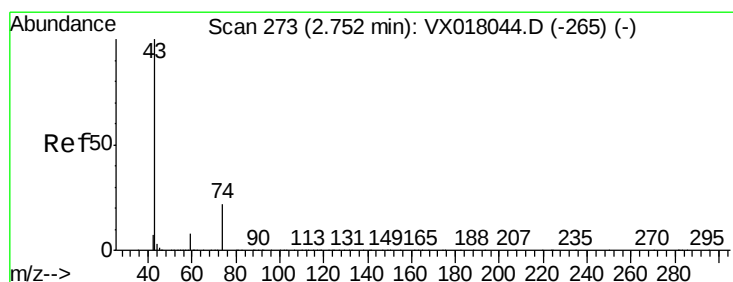
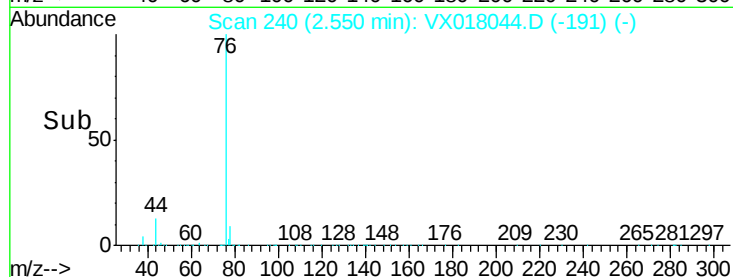
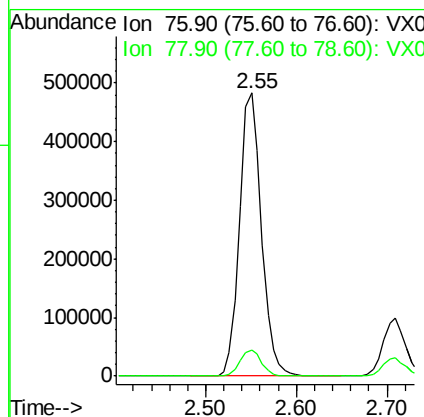
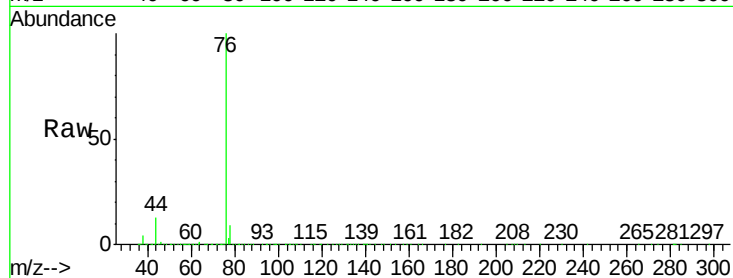
#17
Carbon Disulfide
Concen: 40.136 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

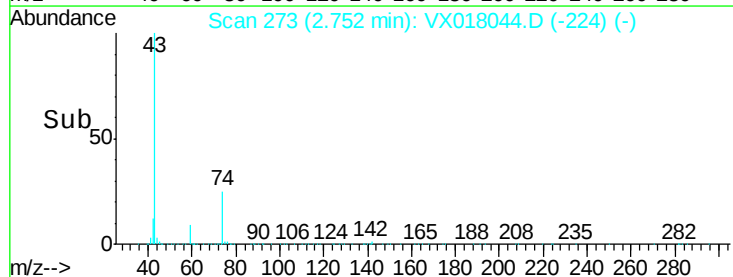
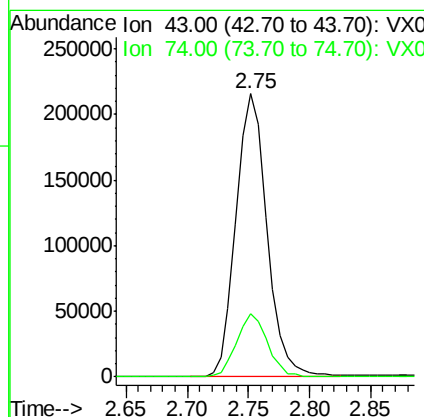
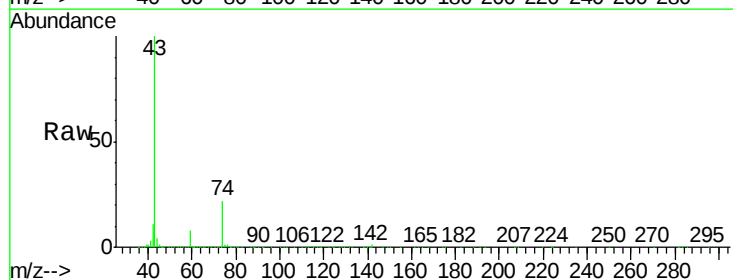
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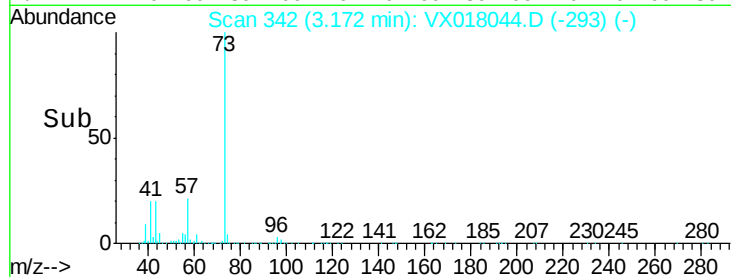
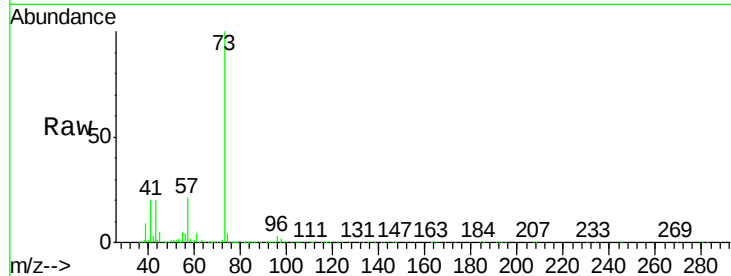
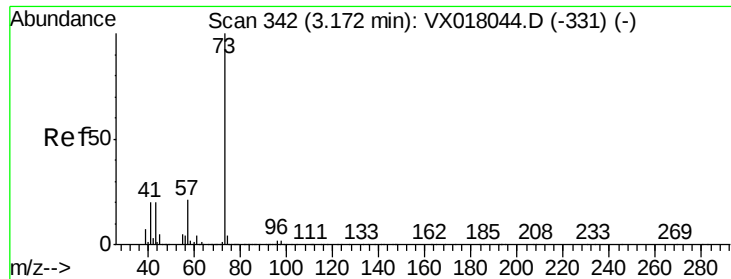
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#18
Methyl Acetate
Concen: 45.707 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.2	27.4





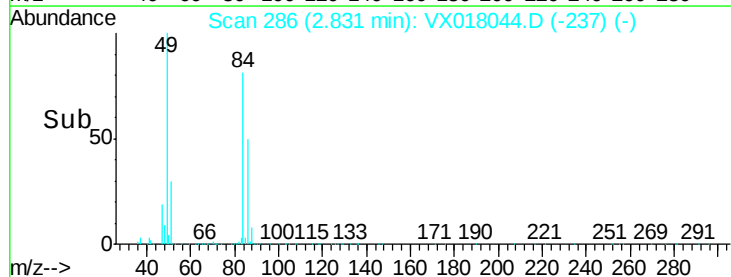
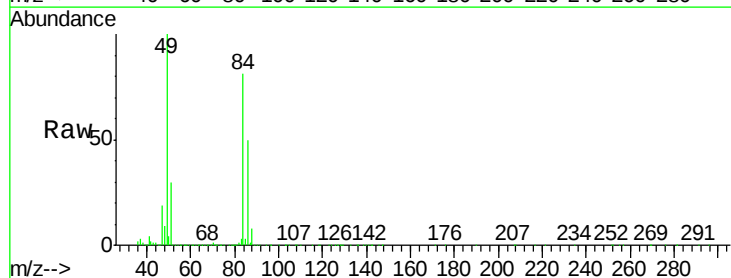
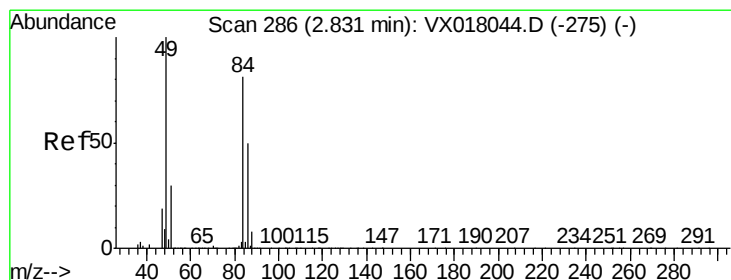
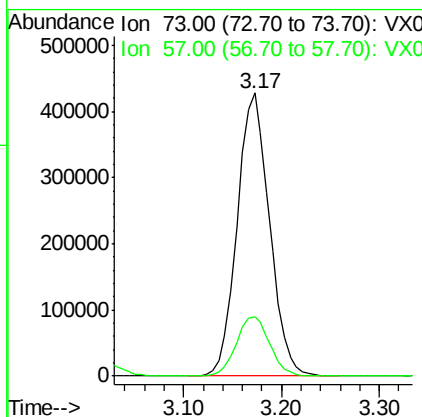
#19
Methyl tert-butyl Ether
Concen: 47.701 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.8	25.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

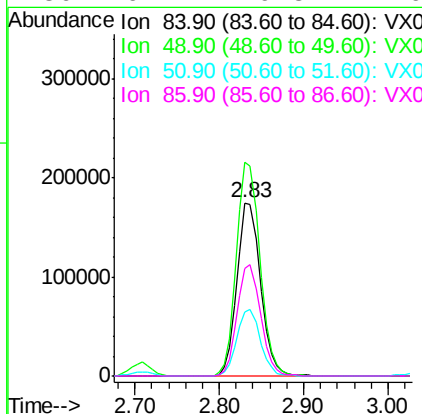
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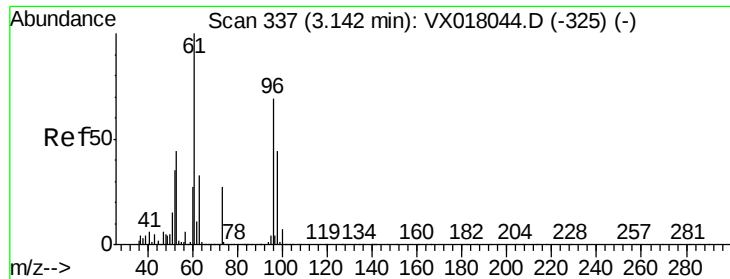
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#20
Methylene Chloride
Concen: 47.007 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	98.6	148.0
51	37.0	29.6	44.4
86	62.2	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 45.602 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

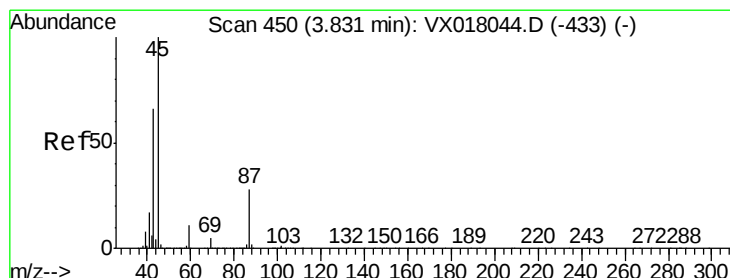
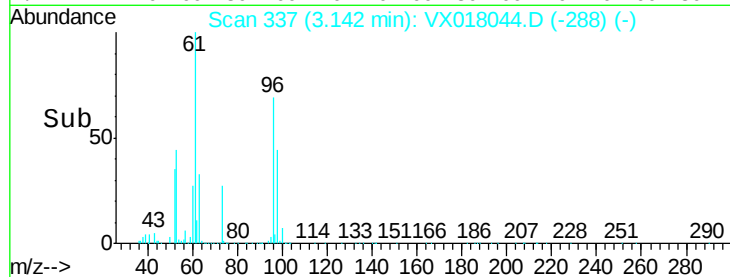
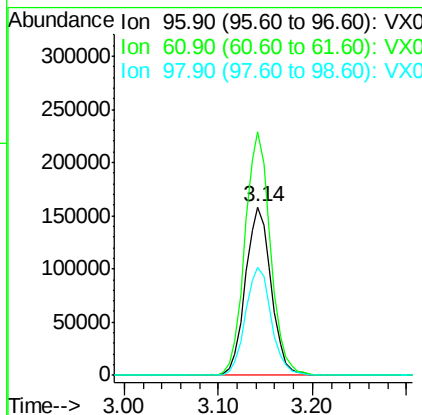
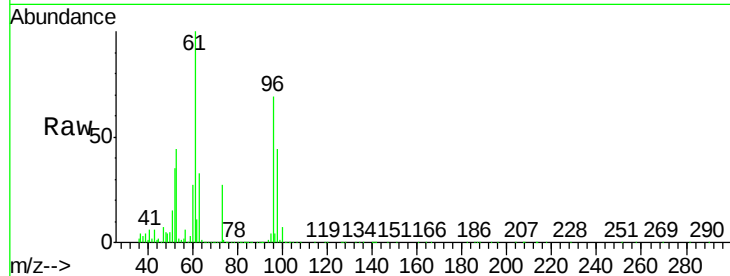
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	303468
Ion	Ratio	Lower	Upper
96	100		
61	144.2	115.4	173.0
98	63.9	51.1	76.7

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#22

Diisopropyl ether

Concen: 48.965 ug/l

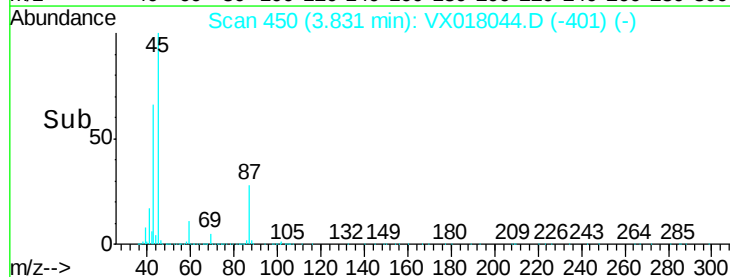
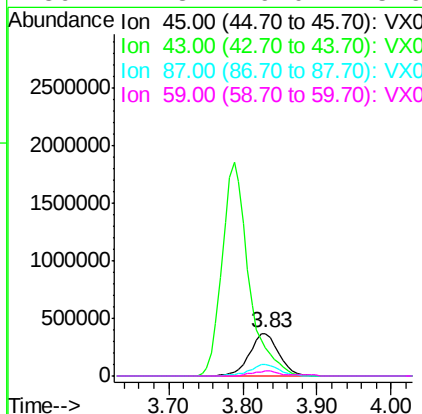
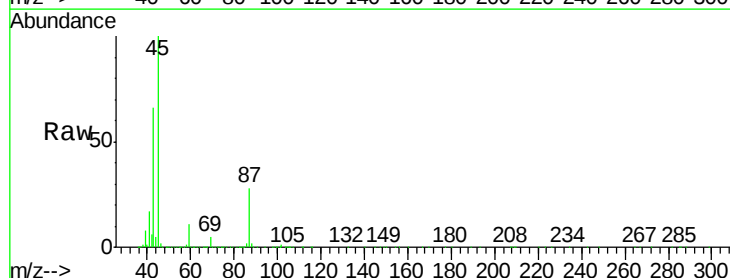
RT: 3.83 min Scan# 450

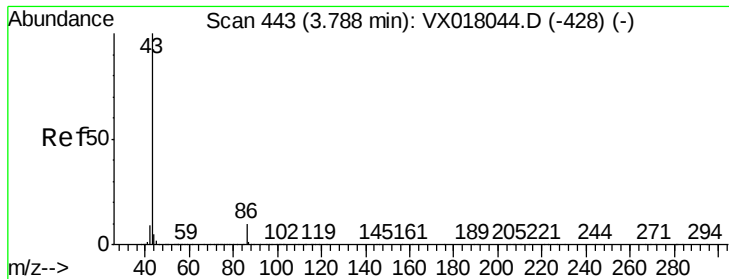
Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion:	45	Resp:	1016591
Ion	Ratio	Lower	Upper
45	100		
43	66.0	52.8	79.2
87	28.1	22.5	33.7
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 253.624 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 4639224

Ion Ratio Lower Upper

43 100

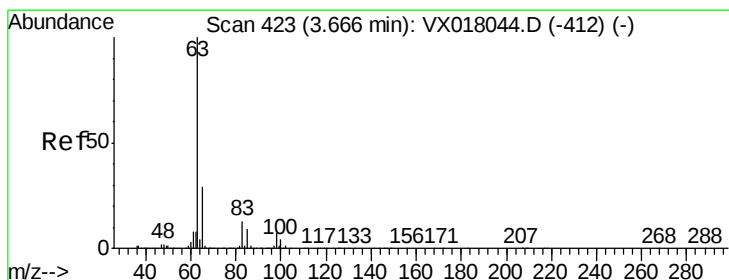
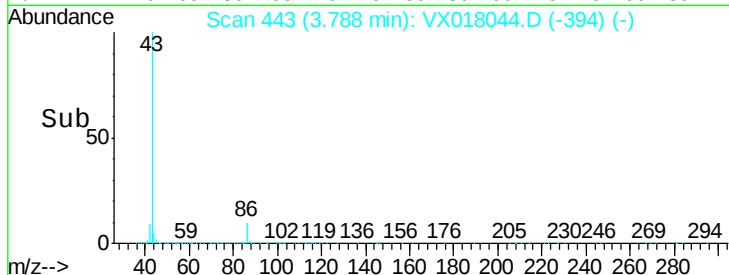
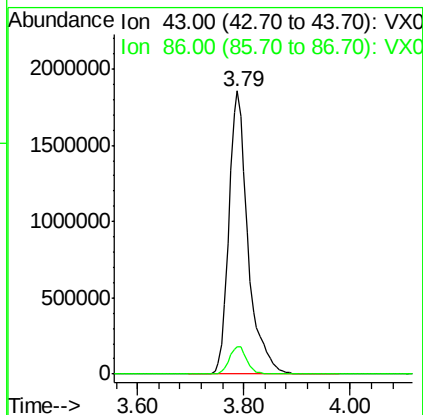
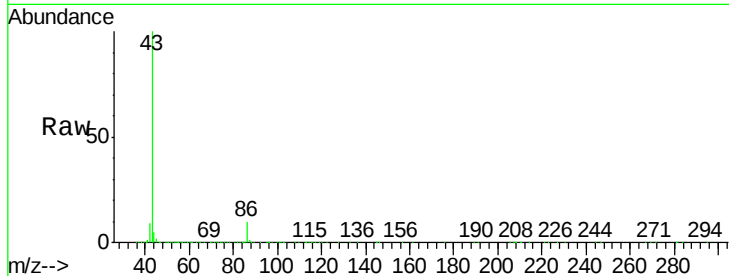
86 9.9 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 49.331 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

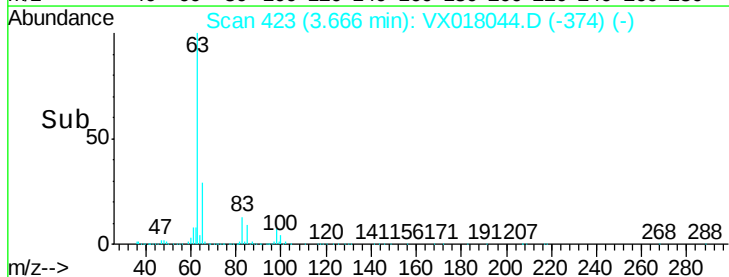
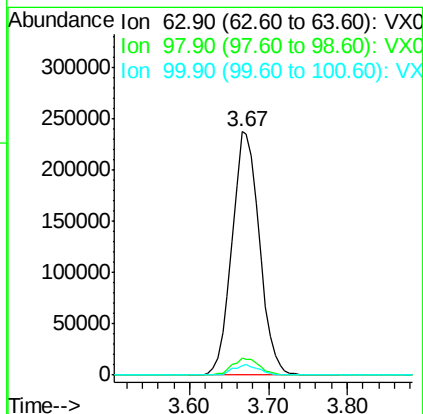
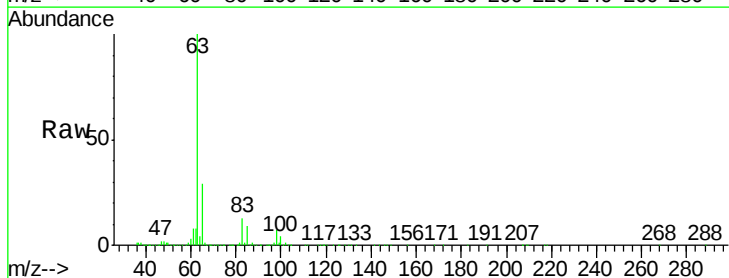
Tgt Ion: 63 Resp: 573838

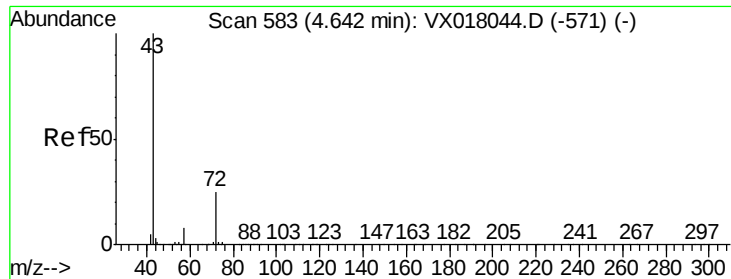
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 236.624 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1277799

Ion Ratio Lower Upper

43 100

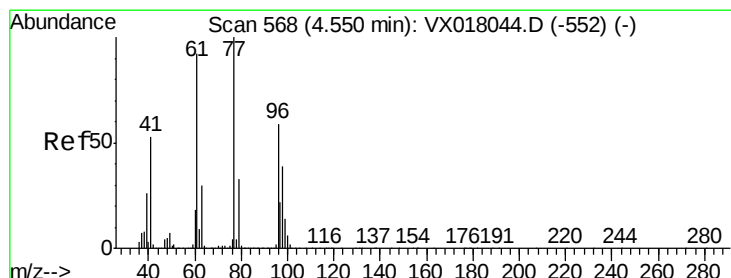
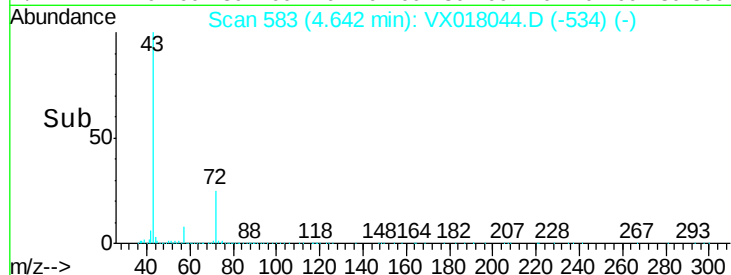
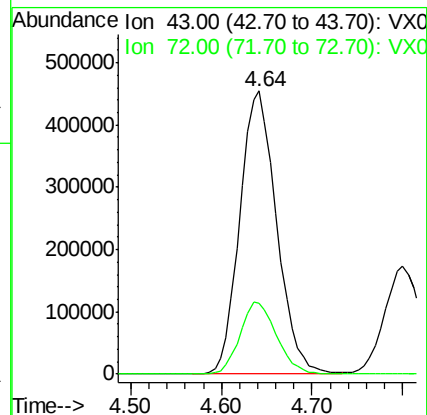
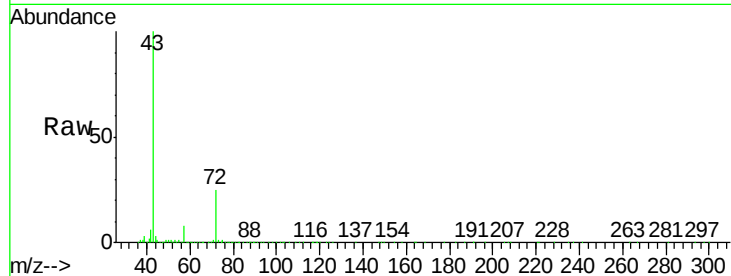
72 24.7 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 43.801 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018044.D

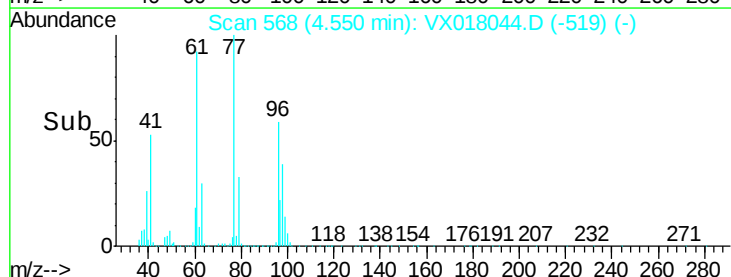
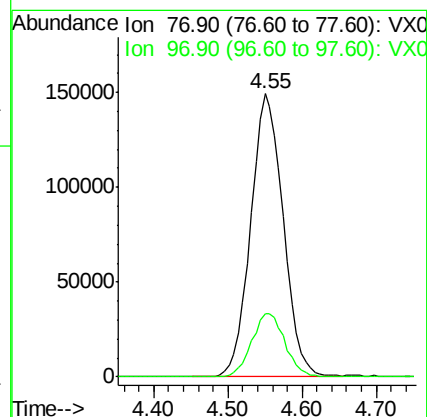
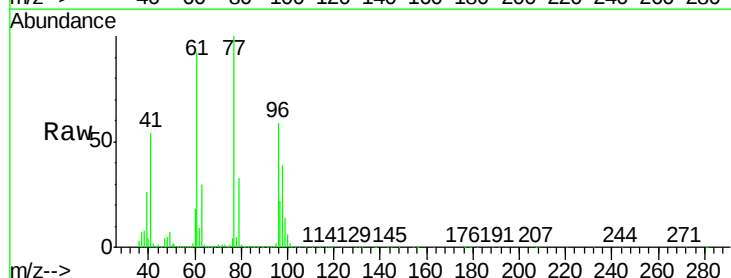
Acq: 20 Aug 2020 20:08

Tgt Ion: 77 Resp: 456691

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5





#27

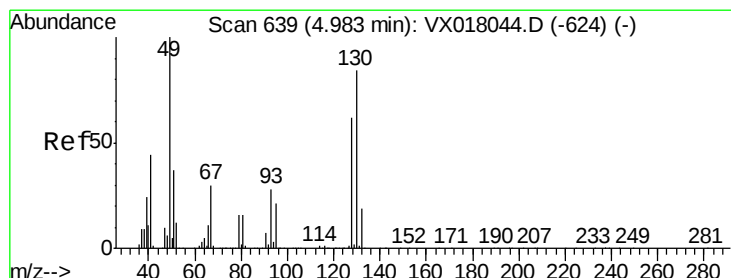
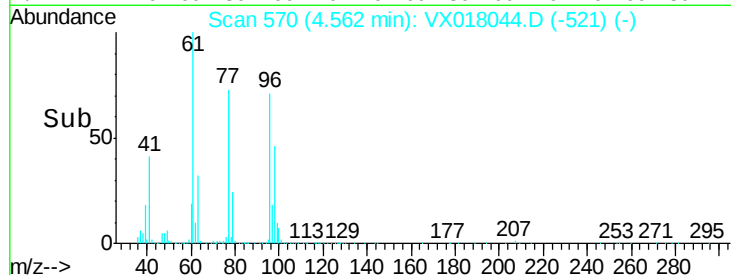
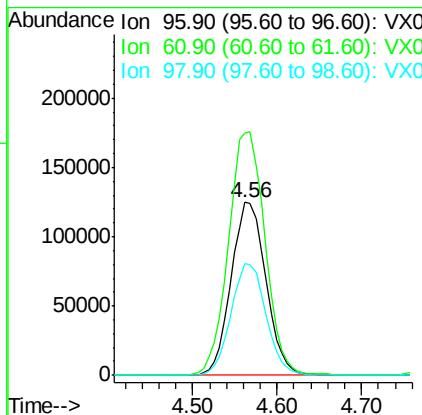
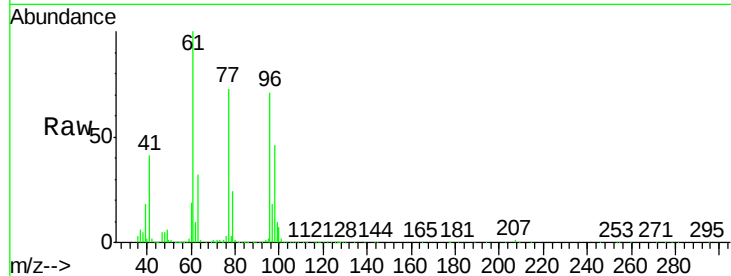
cis-1,2-Dichloroethene
Concen: 47.774 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	348115		
61	148.3	0.0	296.6	
98	65.1	0.0	130.2	

Manual Integrations
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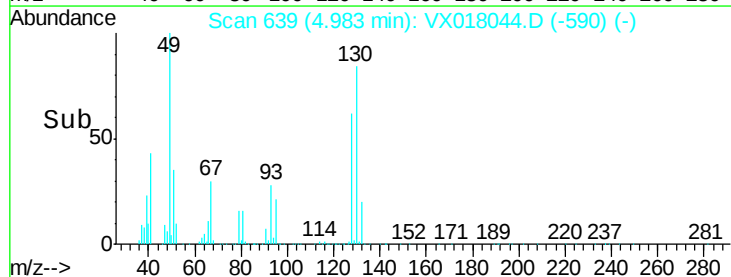
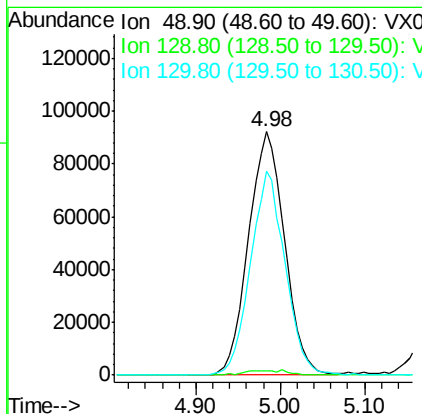
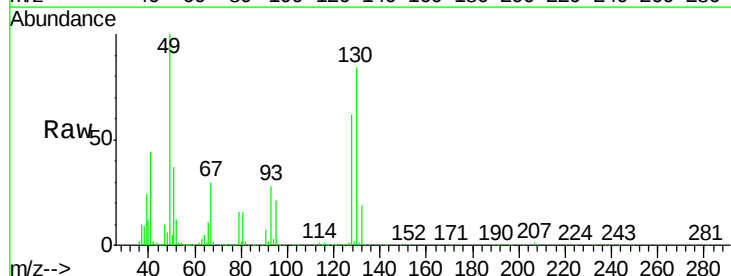
MMDadoda
8/21/2020 11:23:08 AM



#28

Bromochloromethane
Concen: 50.162 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	268315		
129	2.3	0.0	4.6	
130	80.7	64.6	96.8	





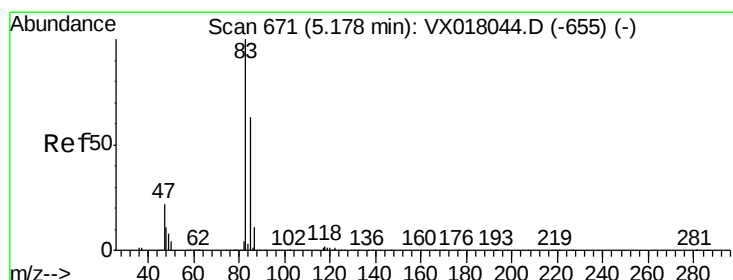
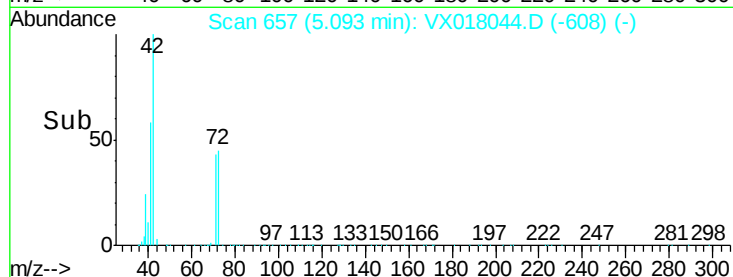
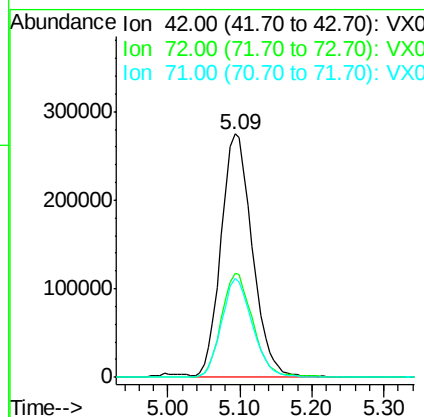
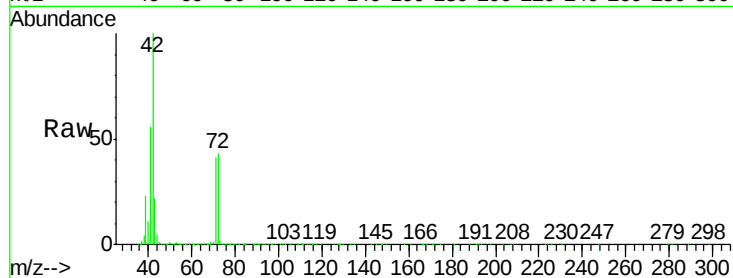
#29
Tetrahydrofuran
Concen: 233.054 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.4
71	40.1	32.1	48.1

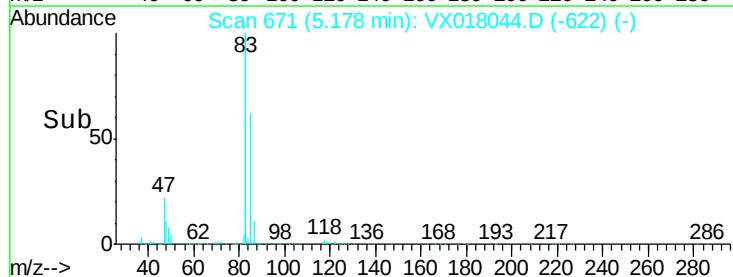
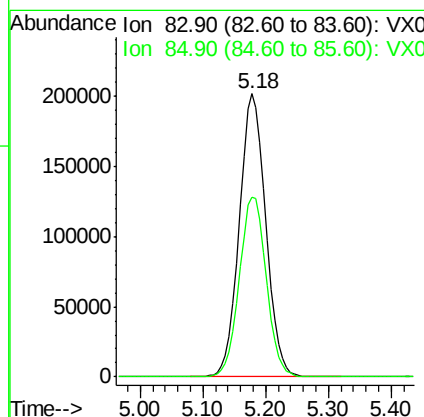
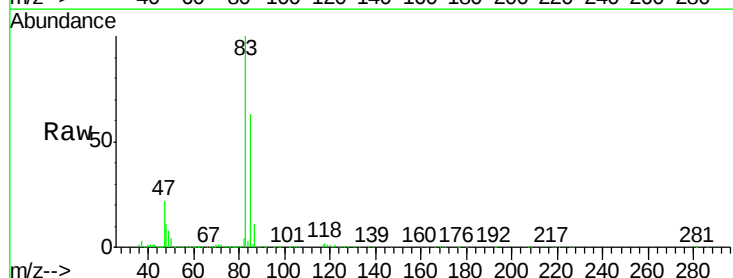
Manual Integrations
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#30
Chloroform
Concen: 50.645 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.7	76.1





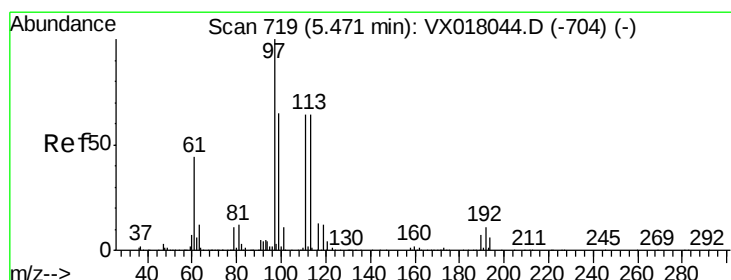
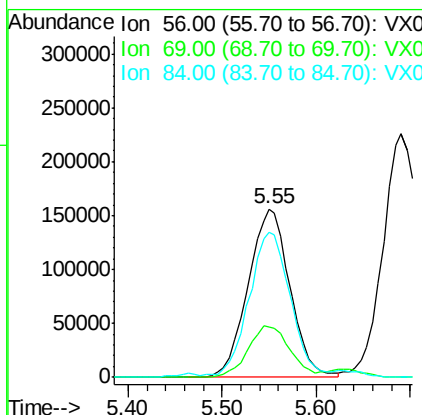
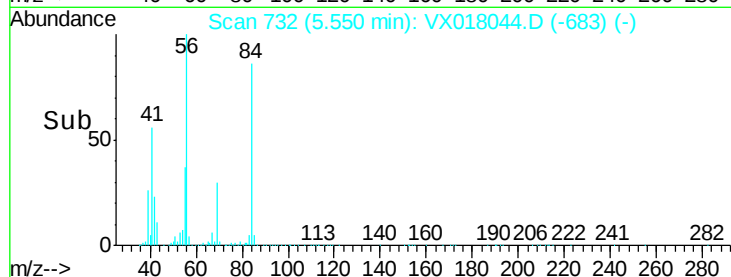
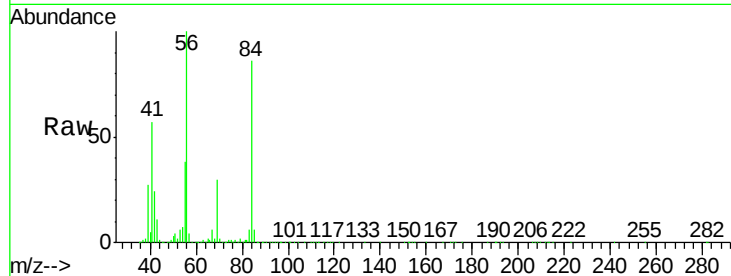
#31
Cyclohexane
Concen: 46.591 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.9	35.9
84	83.7	67.0	100.4

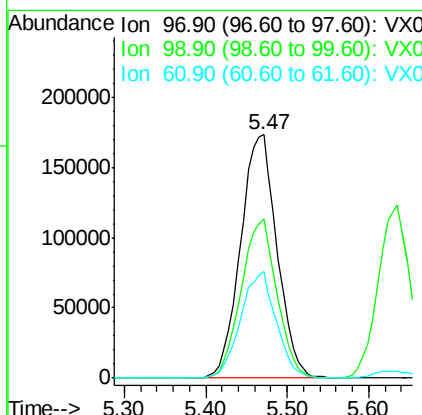
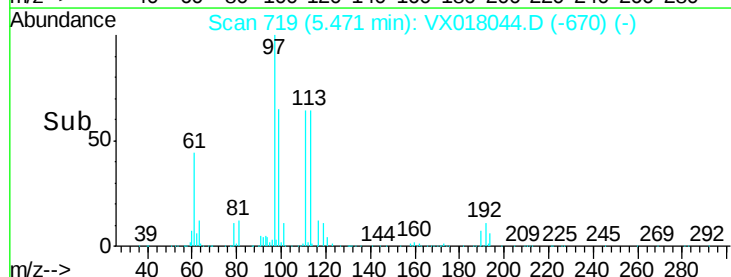
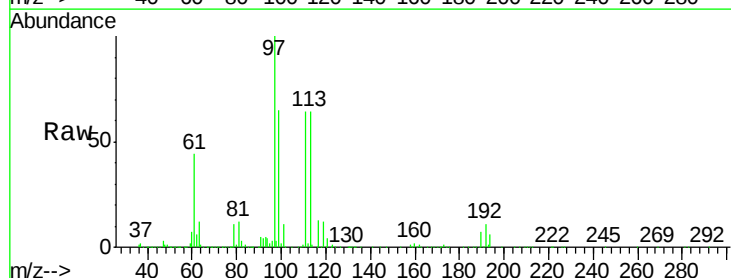
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 50.864 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	42.8	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 49.945 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tot Ion: 65 Resp: 386312

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8

Instrument :

MSVOA_X

ClientSampleId :

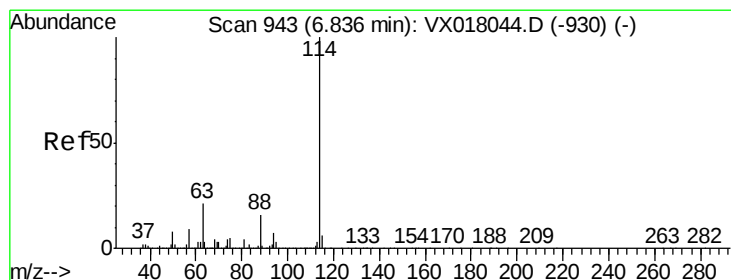
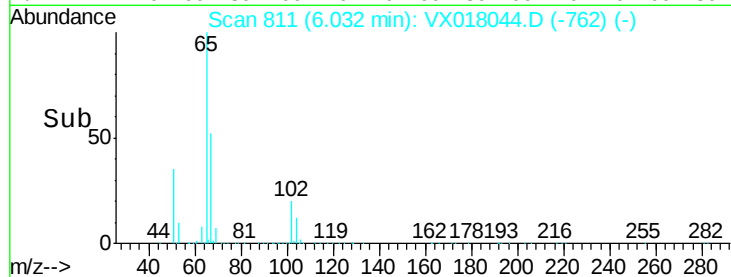
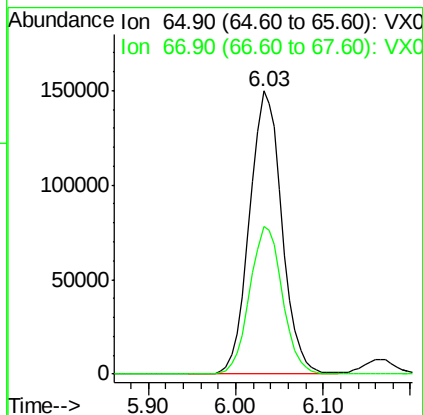
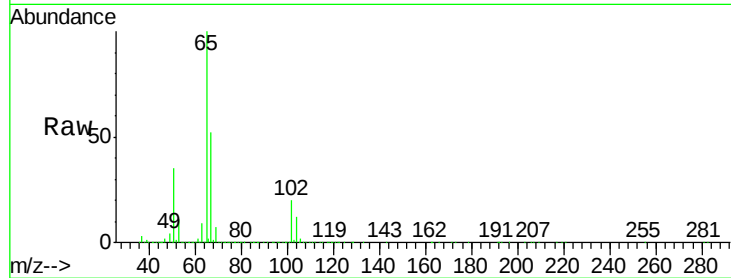
VSTDICCC050

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

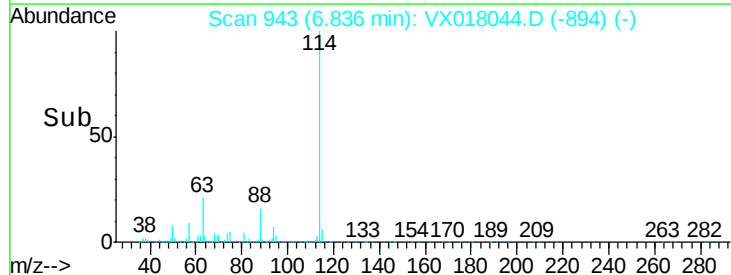
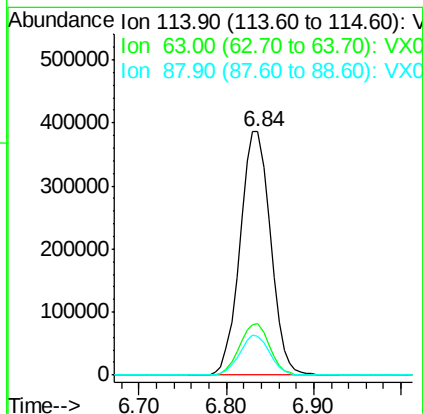
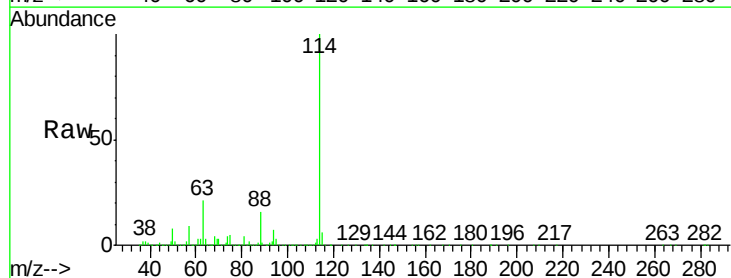
Tgt Ion: 114 Resp: 936490

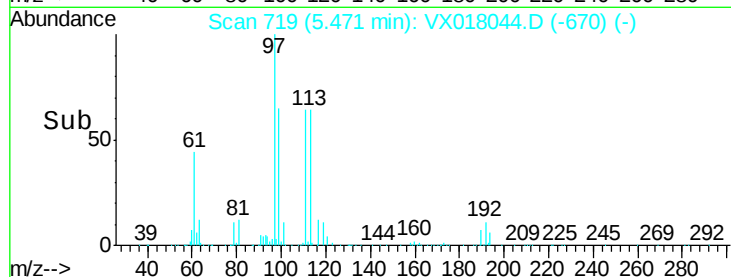
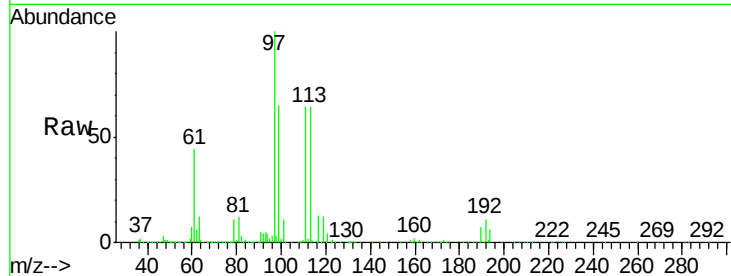
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.9 0.0 31.8





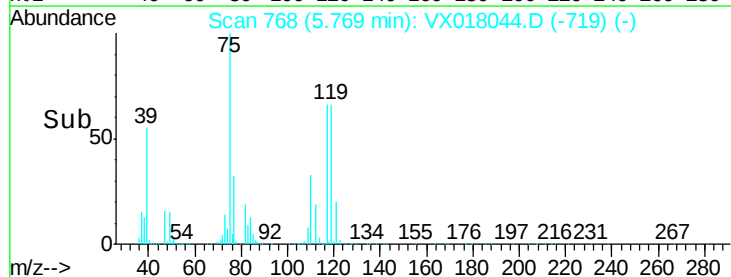
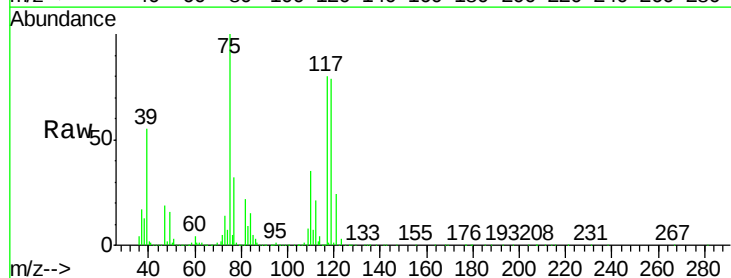
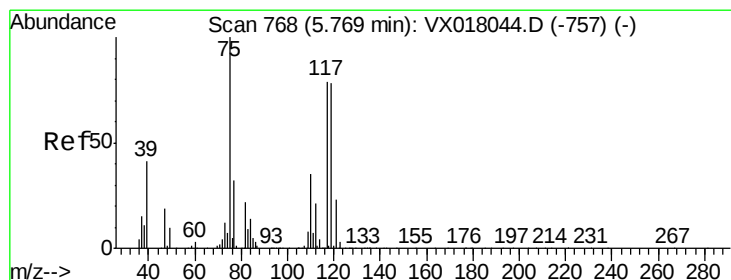
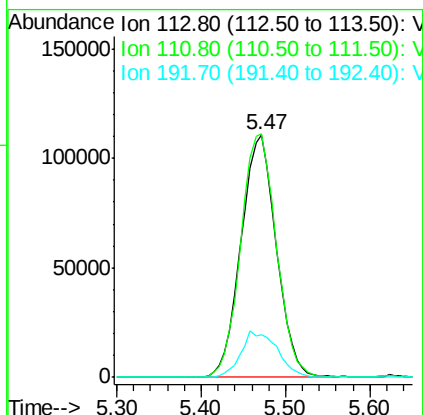
#35
Dibromofluoromethane
Concen: 51.462 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tot Ion	Ratio	Resp	Lower	Upper
113	100	311975		
111	102.0		81.6	122.4
192	19.8		15.8	23.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

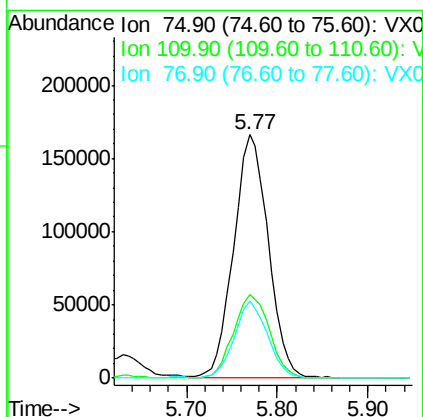
Manual Integrations
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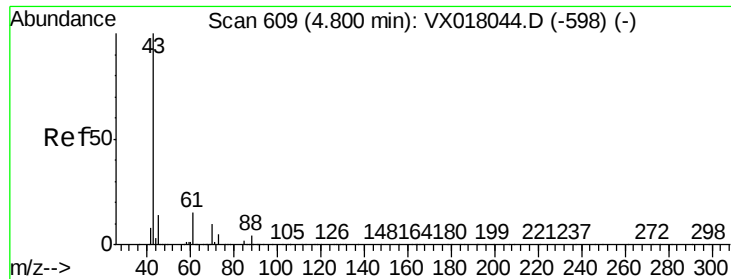
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.748 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	438771		
110	36.0		18.0	54.0
77	30.5		24.4	36.6





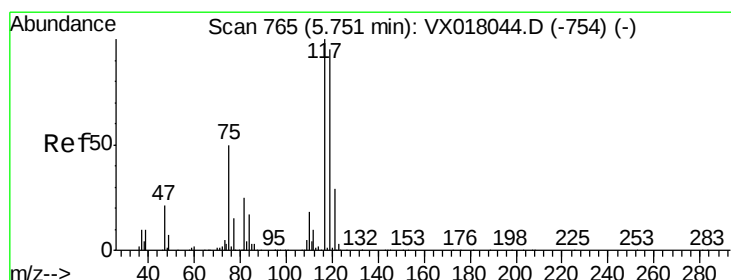
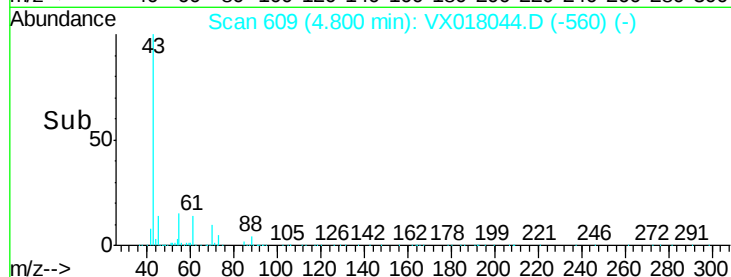
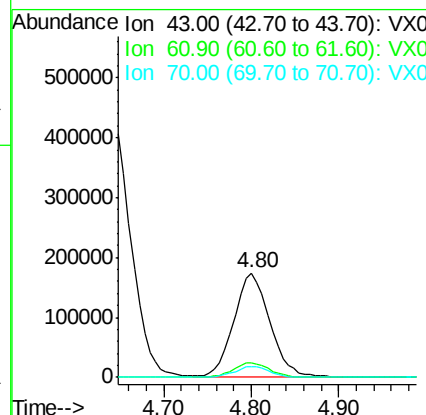
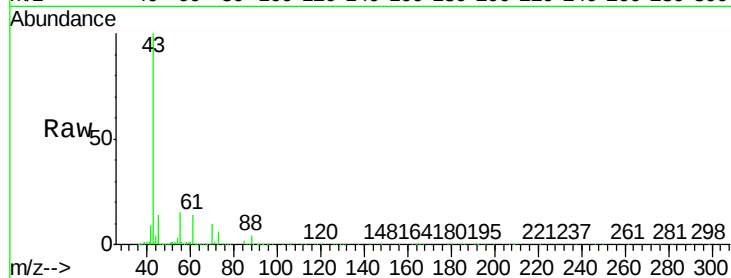
#37
Ethyl Acetate
Concen: 47.074 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.3	8.2	12.4

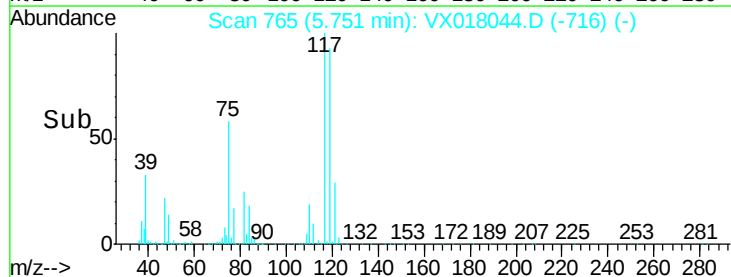
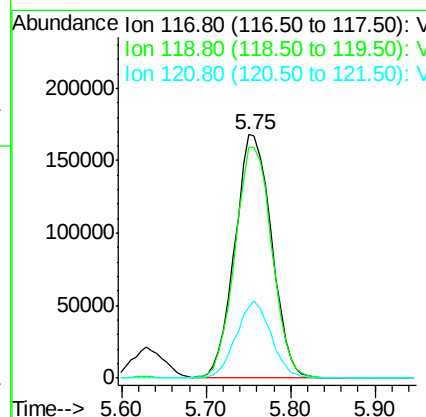
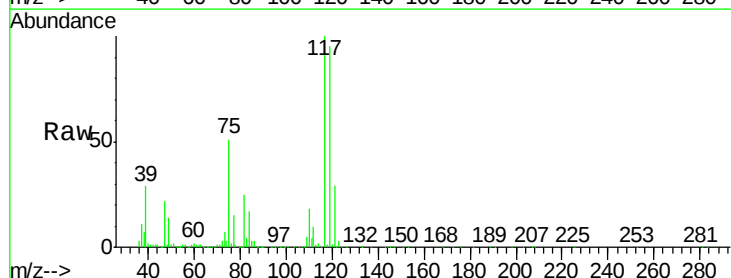
Manual Integrations
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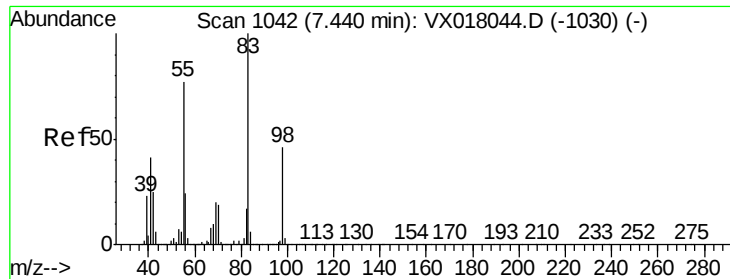
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#38
Carbon Tetrachloride
Concen: 52.291 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.6
121	29.2	23.4	35.0





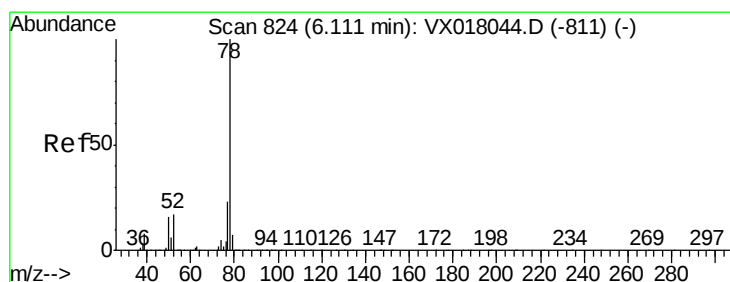
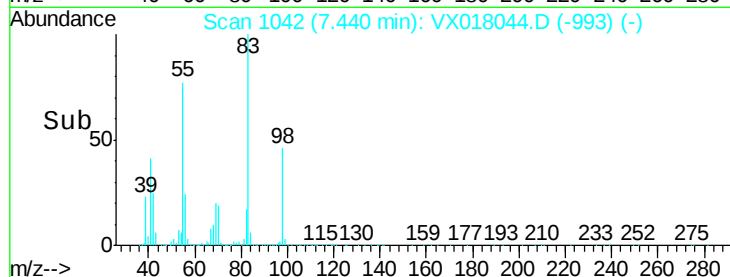
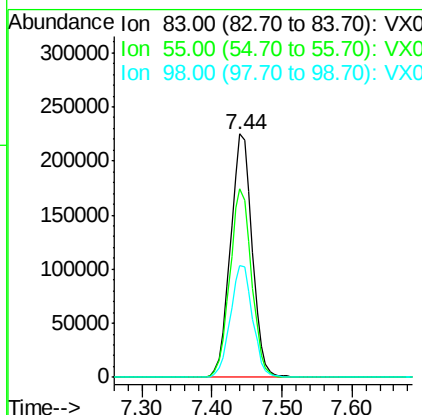
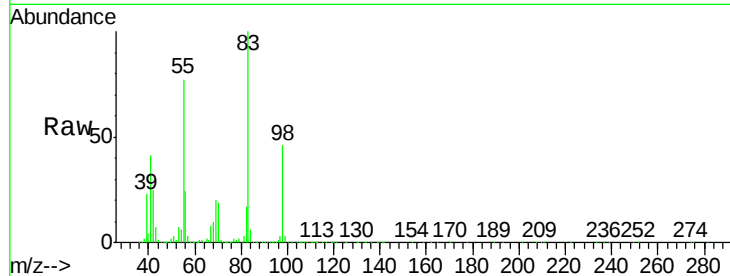
#39
Methvlcvclohexane
Concen: 44.584 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.8	92.6
98	45.8	36.6	55.0

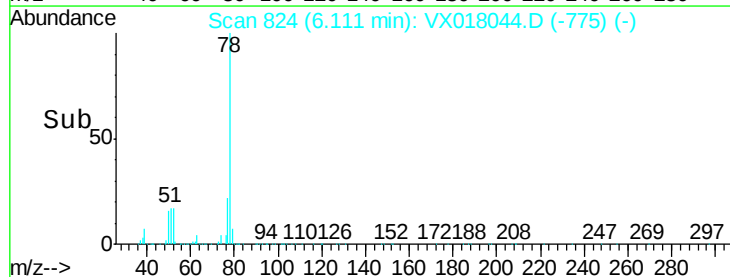
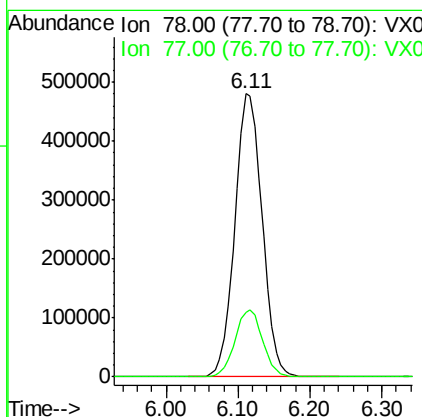
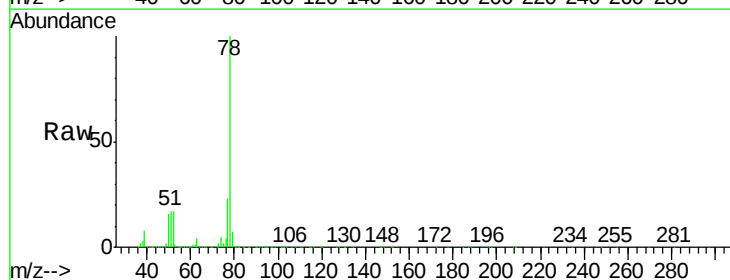
Manual Integrations
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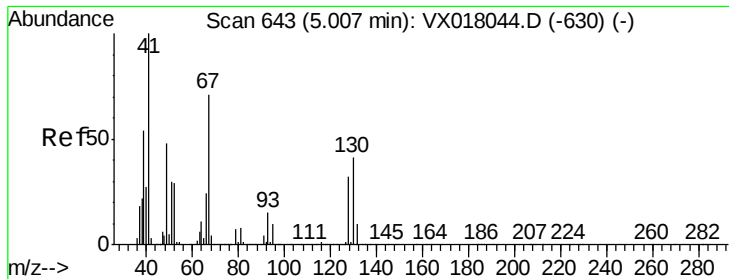
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#40
Benzene
Concen: 47.240 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2





#41

Methacrylonitrile

Concen: 47.666 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 271972

Ion Ratio Lower Upper

41 100

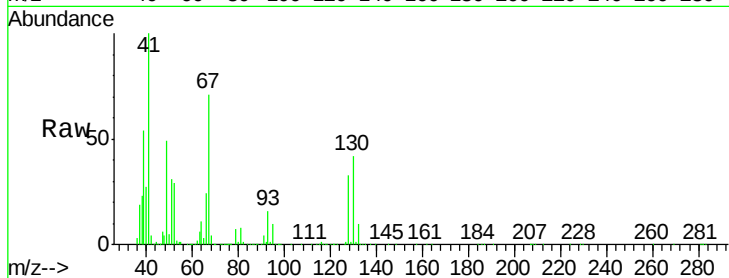
39 53.9 43.1 64.7

67 70.0 56.0 84.0

52 28.4 22.7 34.1

Manual Integrations
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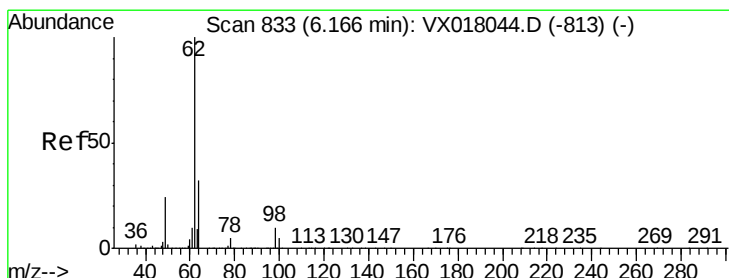
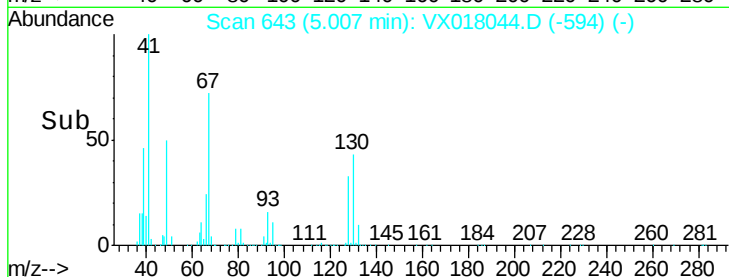
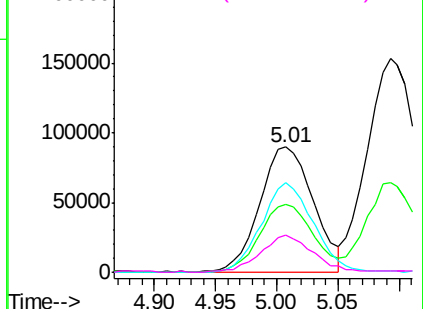


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.707 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018044.D

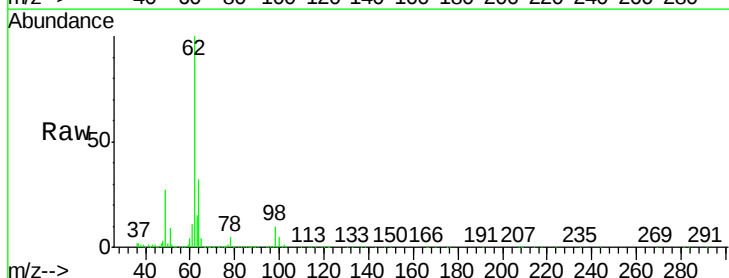
Acq: 20 Aug 2020 20:08

Tgt Ion: 62 Resp: 484192

Ion Ratio Lower Upper

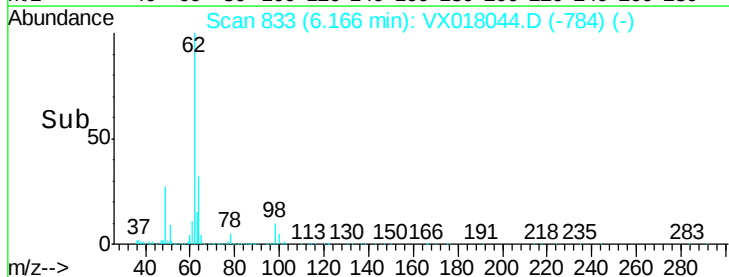
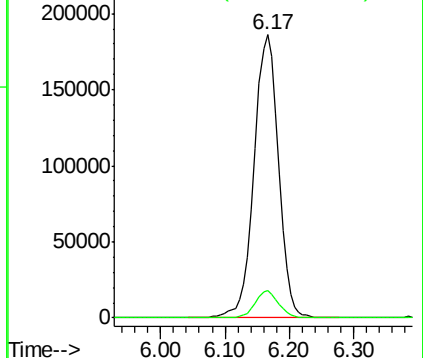
62 100

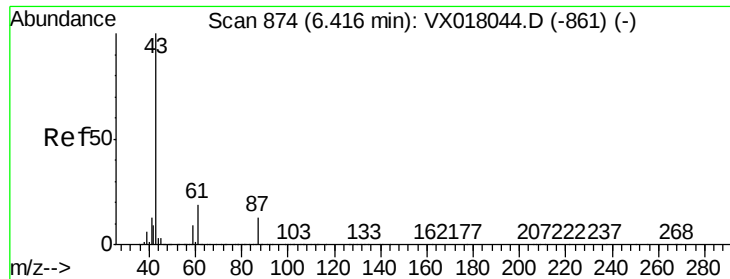
98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

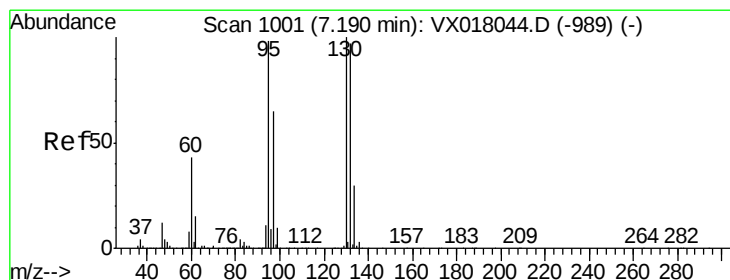
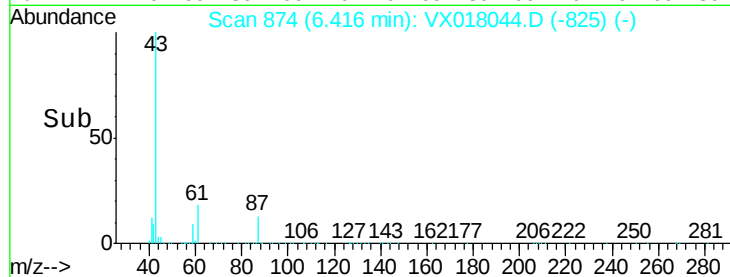
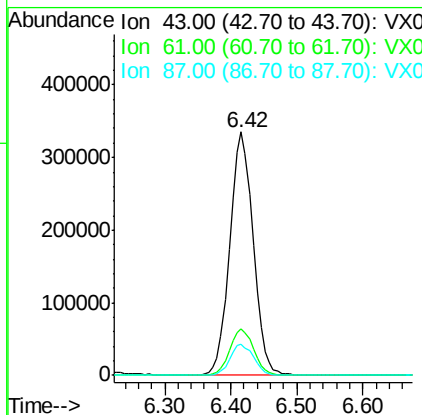
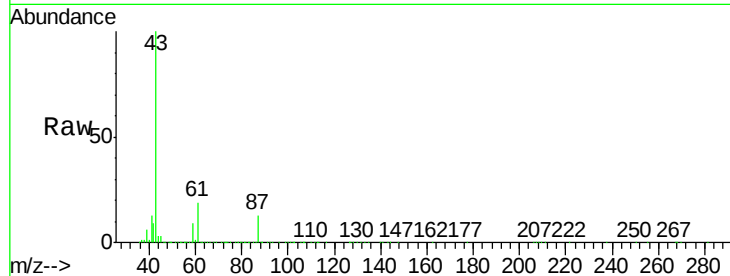
Isopropyl Acetate
 Concen: 48.472 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	12.9	10.3	15.5

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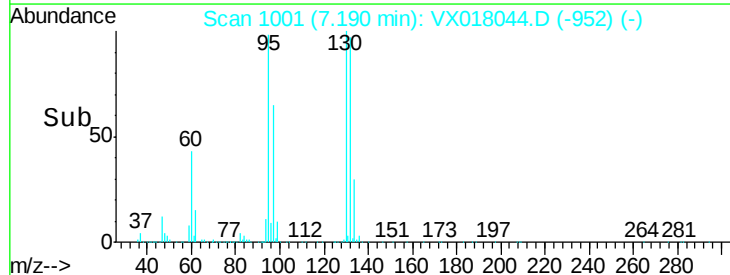
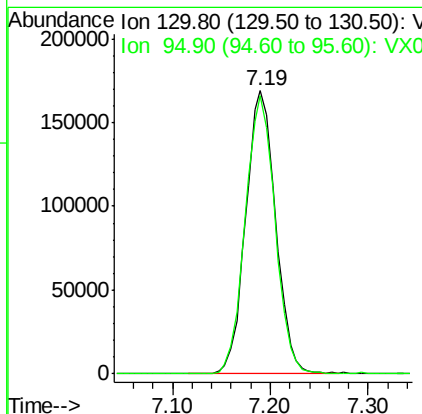
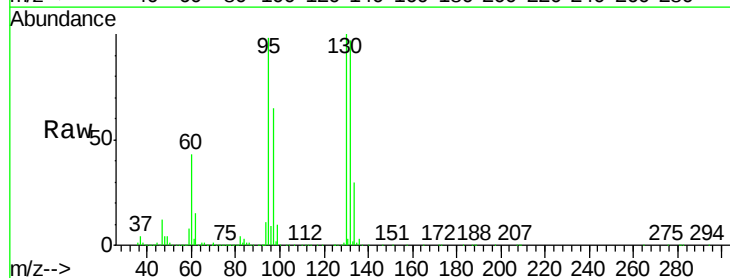
MMDadoda
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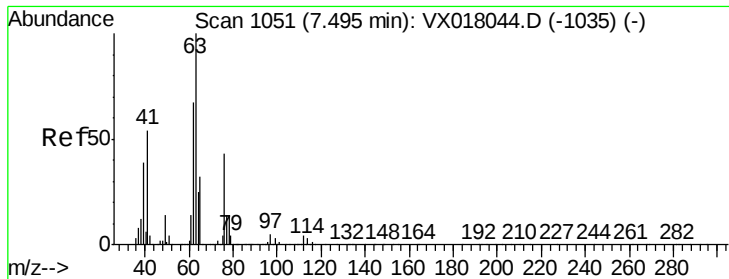


#44

Trichloroethene
 Concen: 38.849 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.4





#45

1,2-Dichloropropane

Concen: 50.622 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 346355

Ion Ratio Lower Upper

63 100

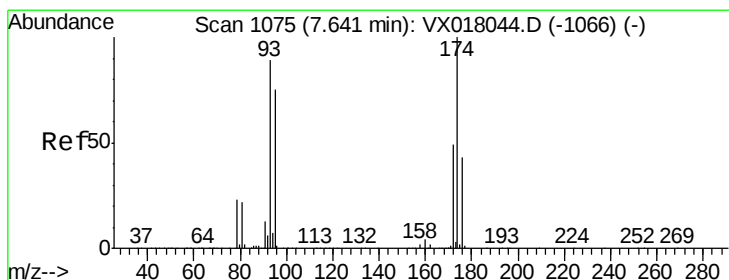
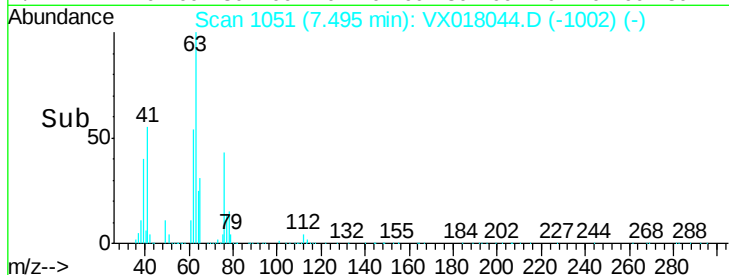
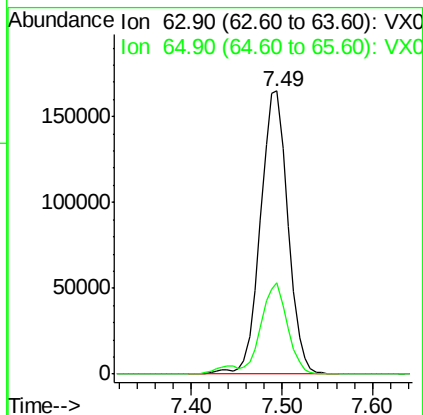
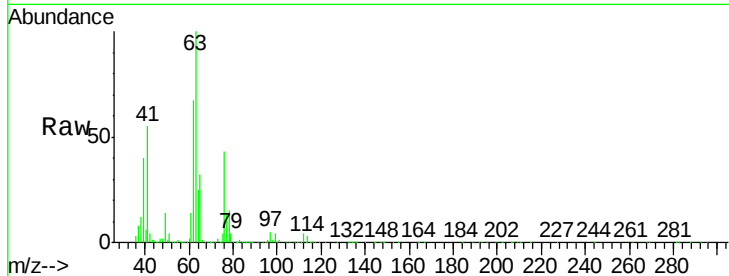
65 32.1 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 50.846 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

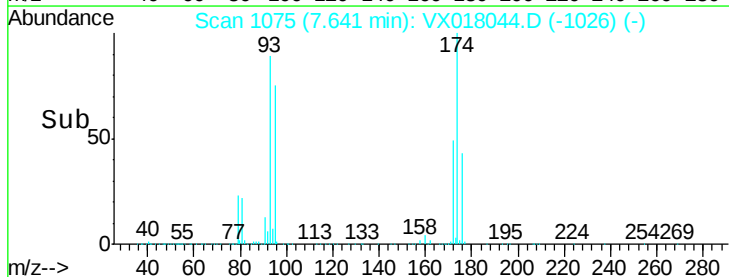
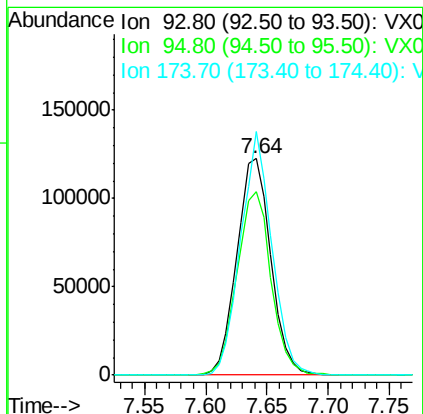
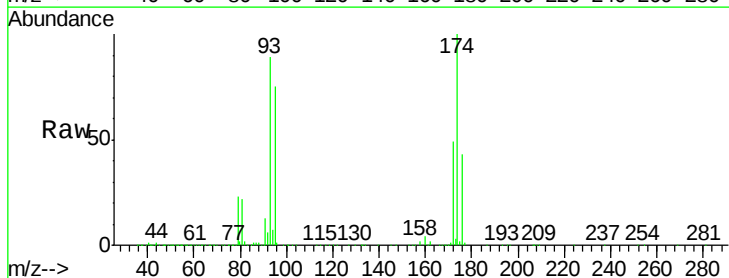
Tgt Ion: 93 Resp: 237423

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 102.7 82.2 123.2





#47

Bromodichloromethane

Concen: 51.561 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

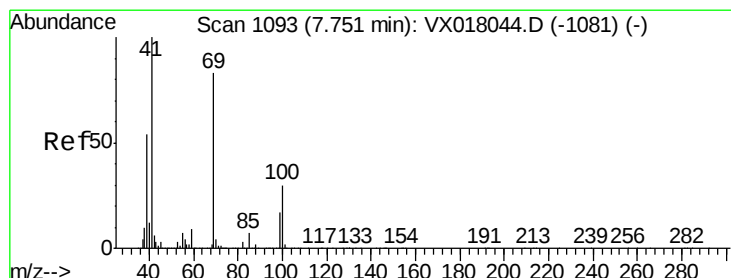
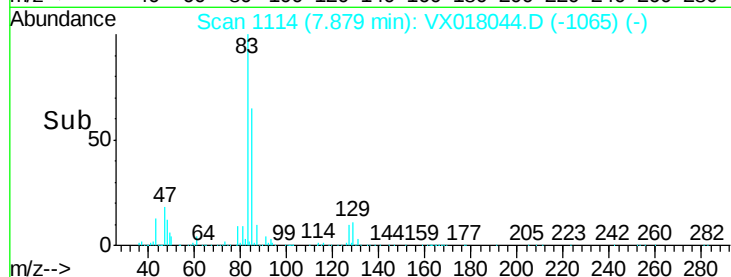
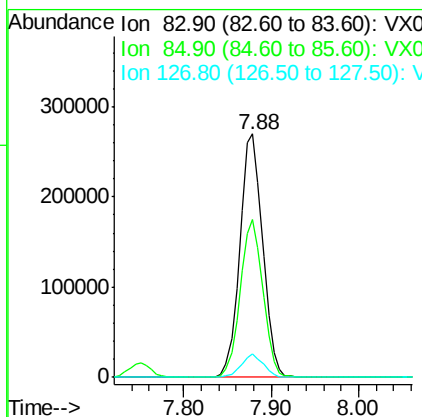
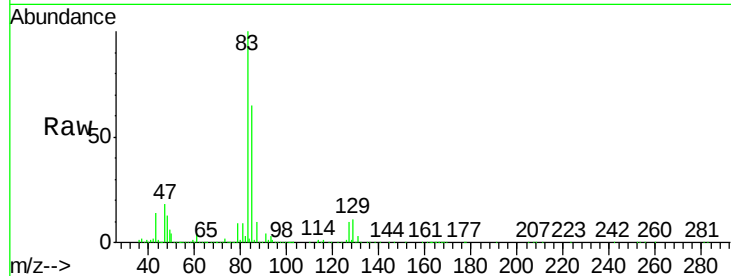
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	489106
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.6
127	9.6	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.469 ug/l

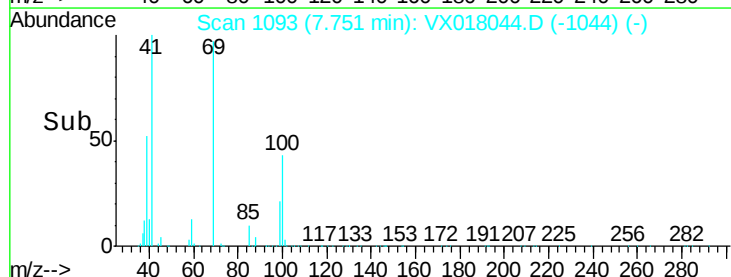
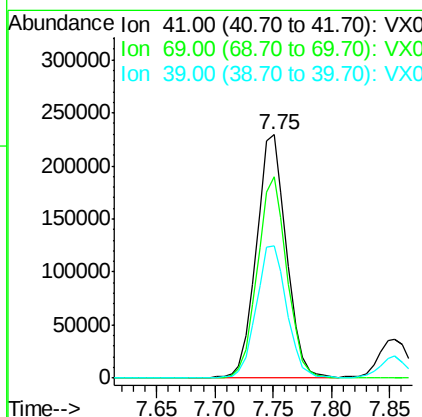
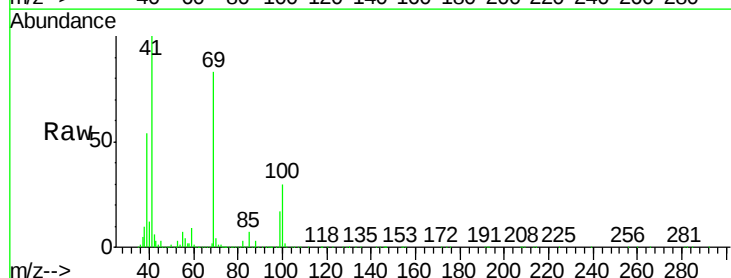
RT: 7.75 min Scan# 1093

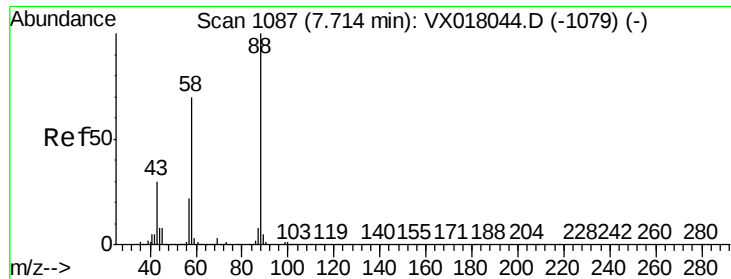
Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion:	41	Resp:	407920
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.5	98.3
39	55.6	44.5	66.7





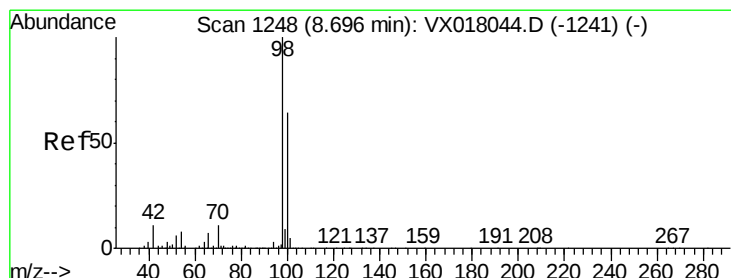
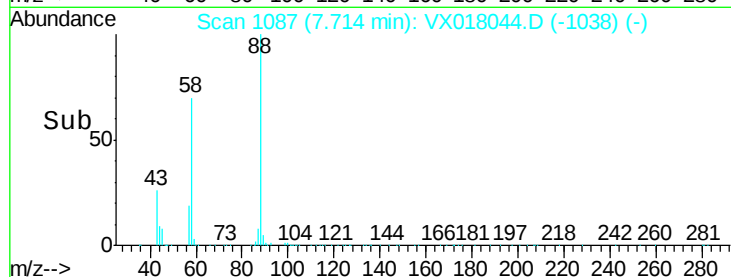
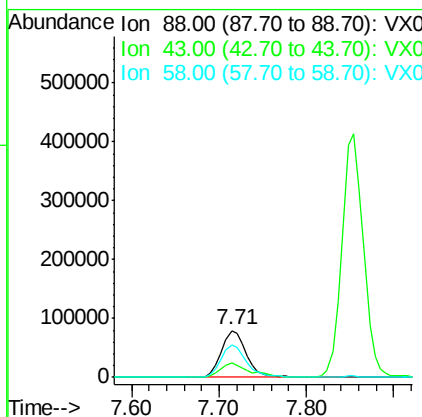
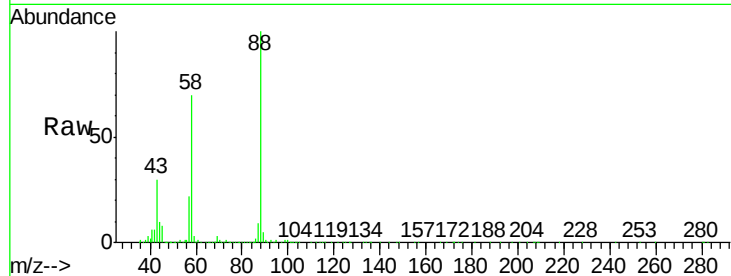
#49
1,4-Dioxane
Concen: 833.353 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.4	41.0
58	70.5	56.4	84.6

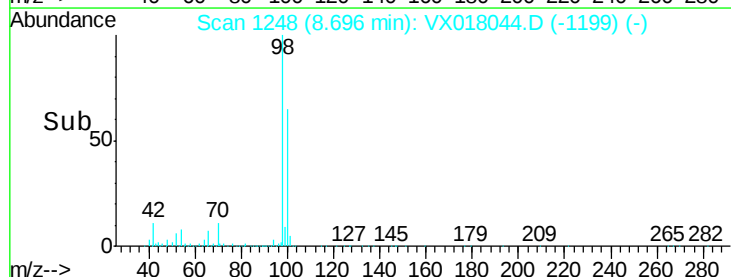
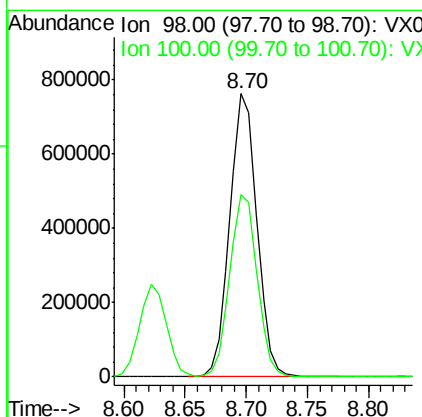
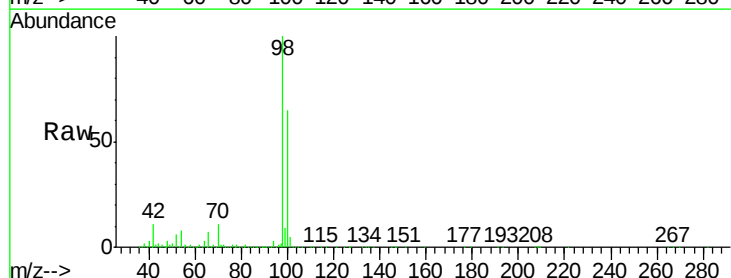
Manual Integrations
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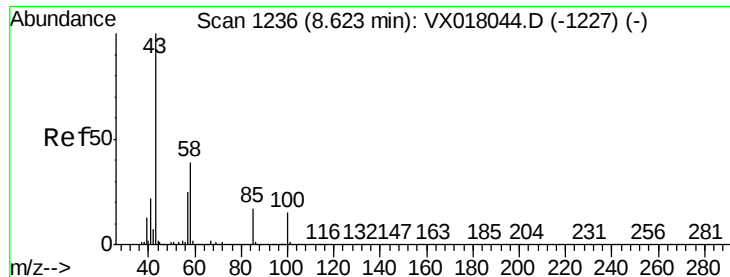
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#50
Toluene-d8
Concen: 50.481 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 250.249 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2595517

Ion Ratio Lower Upper

43 100

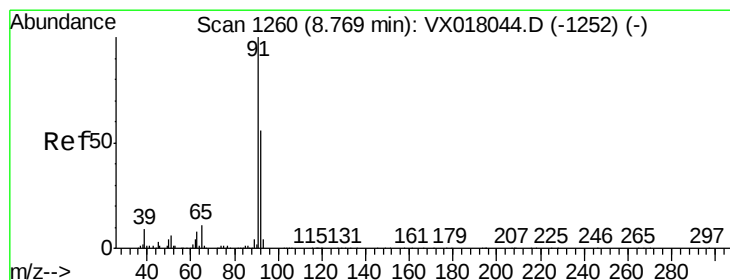
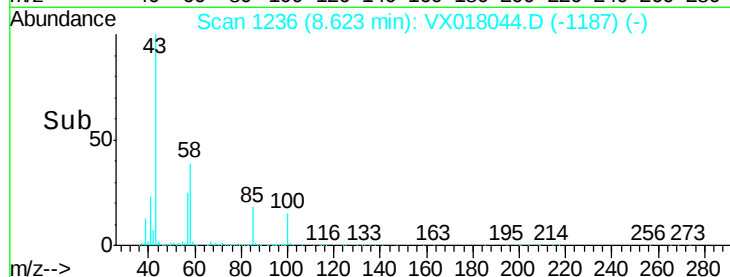
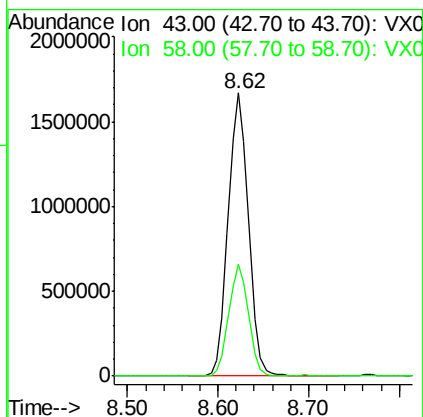
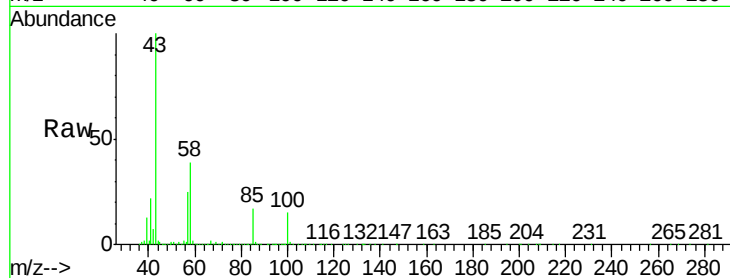
58 38.4 30.7 46.1

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#52

Toluene

Concen: 48.674 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018044.D

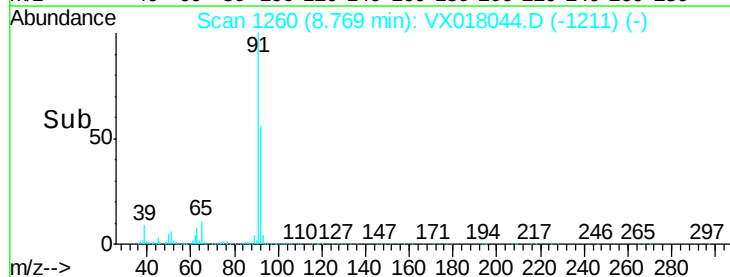
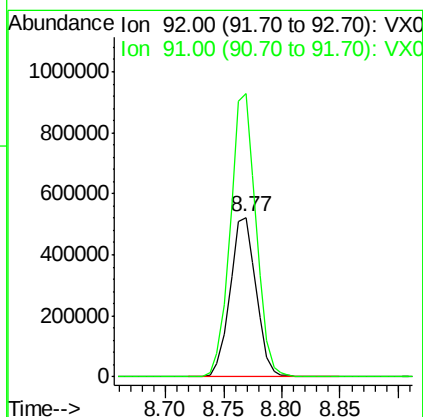
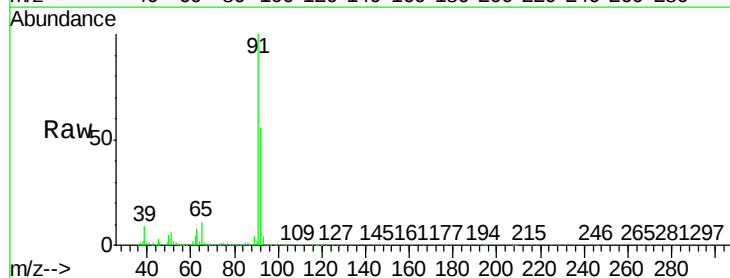
Acq: 20 Aug 2020 20:08

Tgt Ion: 92 Resp: 813962

Ion Ratio Lower Upper

92 100

91 175.4 140.3 210.5





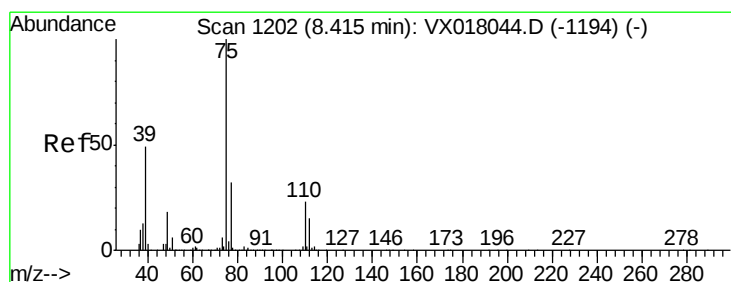
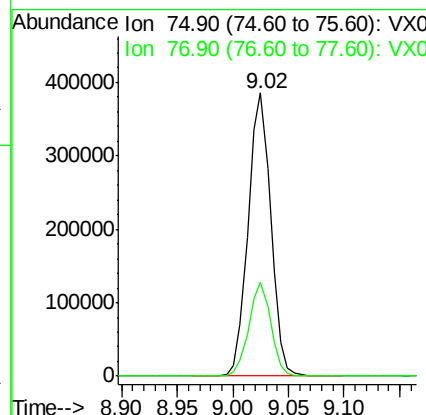
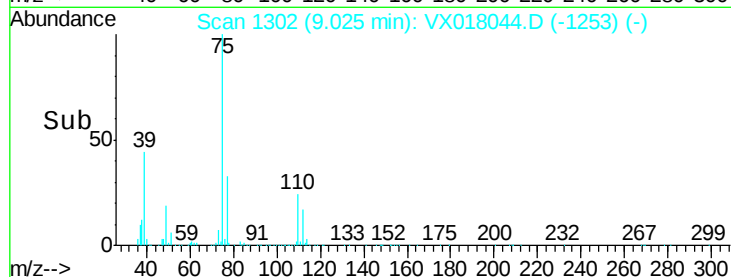
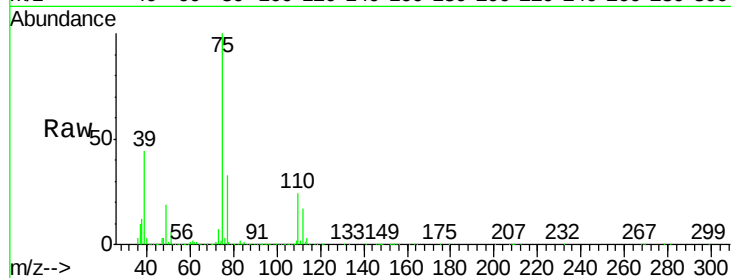
#53
t-1,3-Dichloropropene
Concen: 48.560 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	39.8

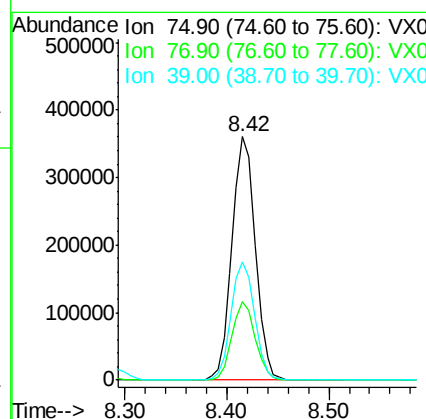
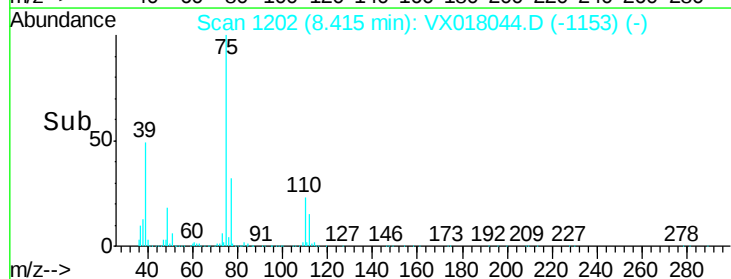
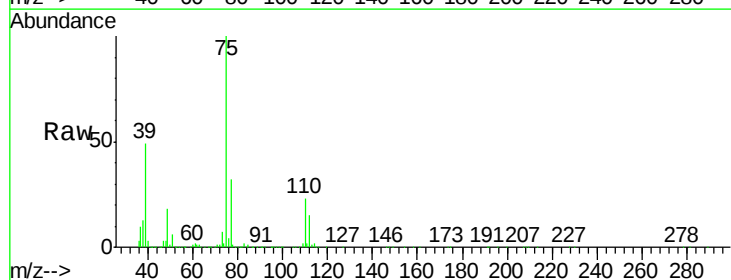
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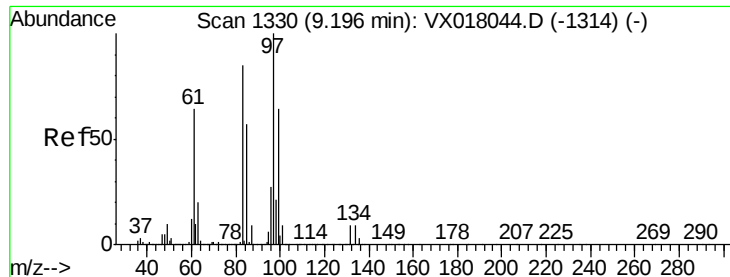
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#54
cis-1,3-Dichloropropene
Concen: 48.690 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	48.5	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 51.839 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

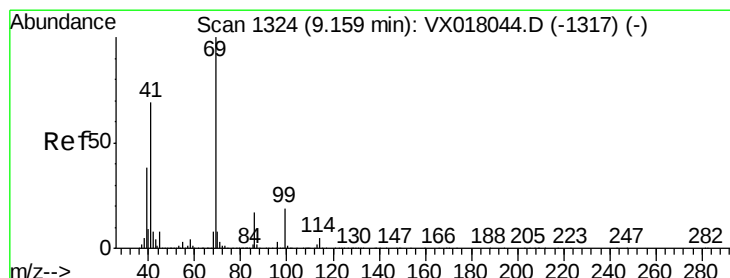
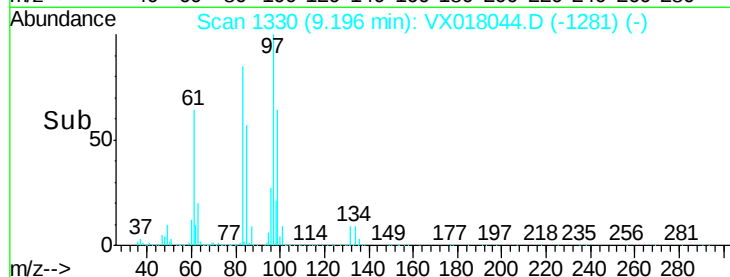
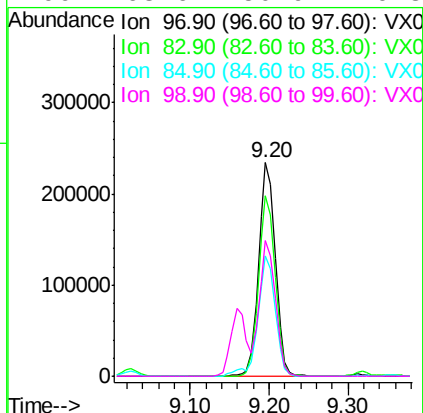
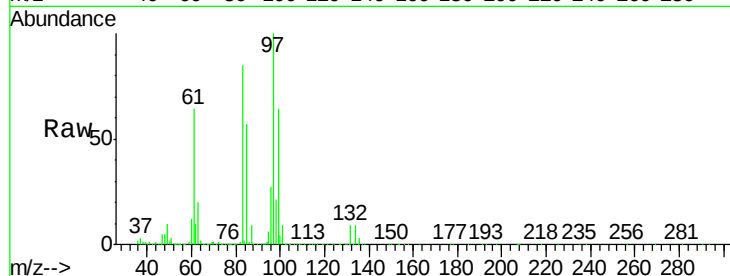
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		344894		
83	84.7	67.8	101.6		
85	56.6	45.3	67.9		
99	63.6	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 49.353 ug/l

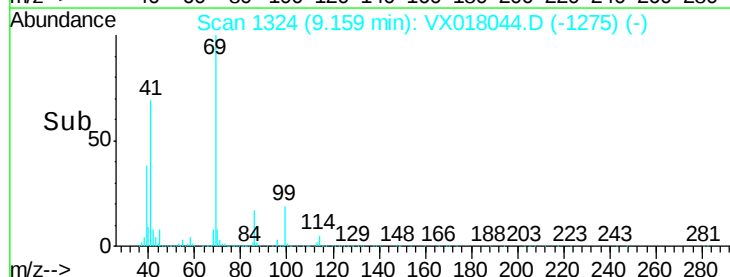
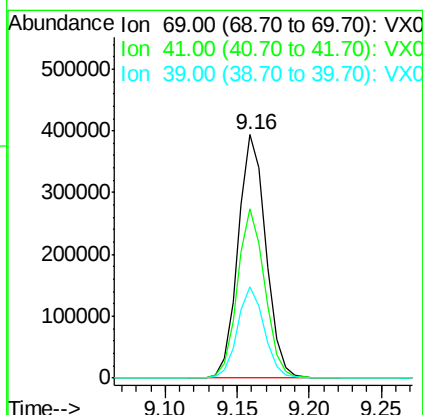
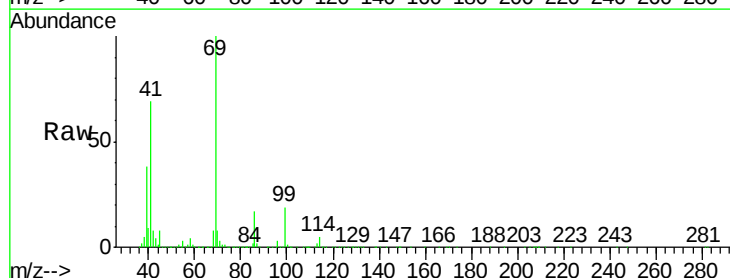
RT: 9.16 min Scan# 1324

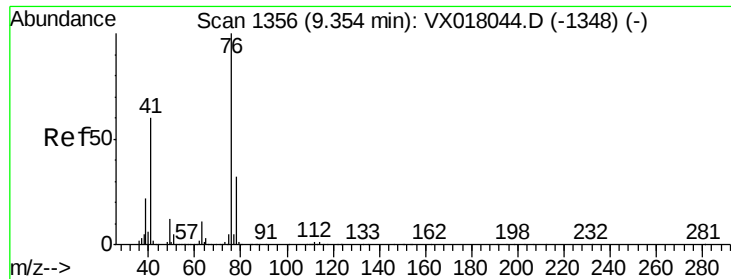
Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		528420		
41	68.2	54.6	81.8		
39	36.4	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 49.573 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 571346

Ion Ratio Lower Upper

76 100

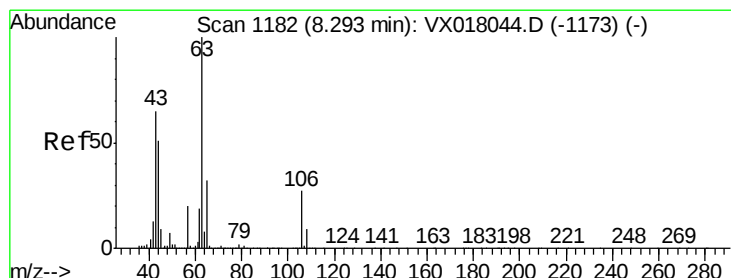
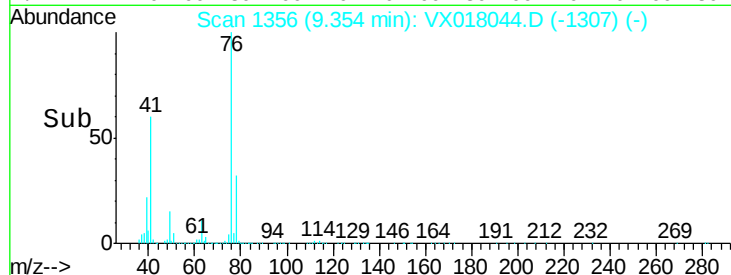
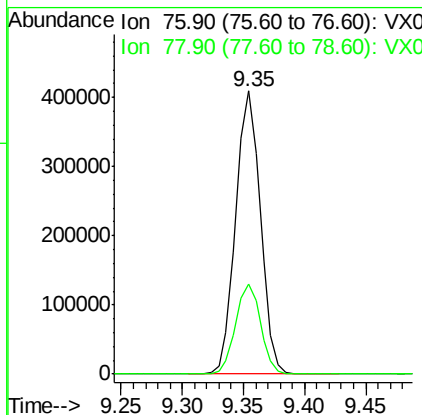
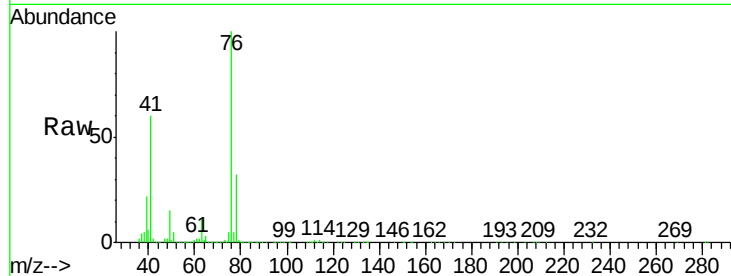
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 208.387 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018044.D

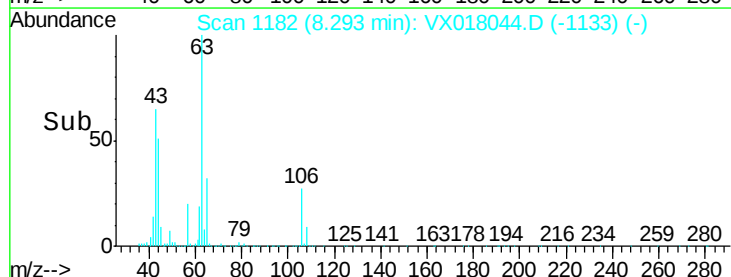
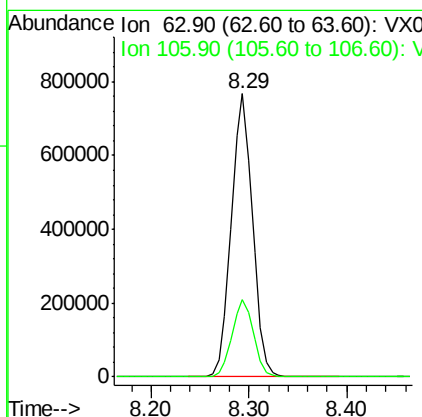
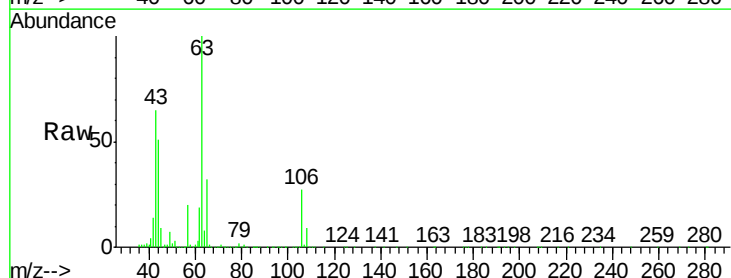
Acq: 20 Aug 2020 20:08

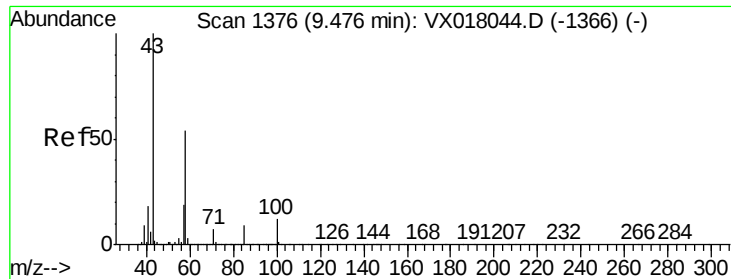
Tgt Ion: 63 Resp: 1156981

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1





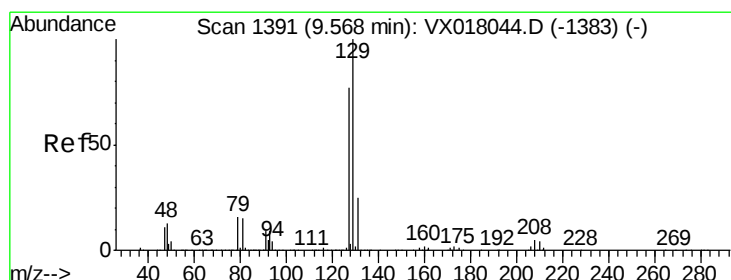
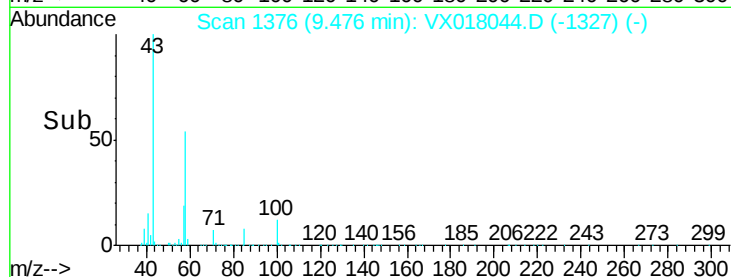
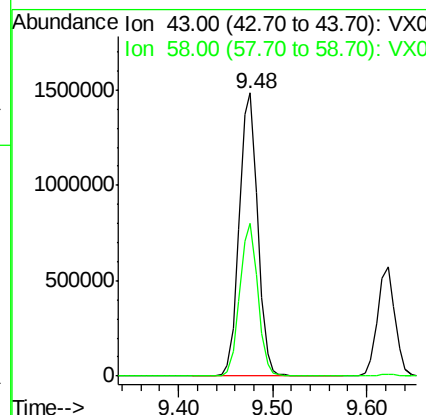
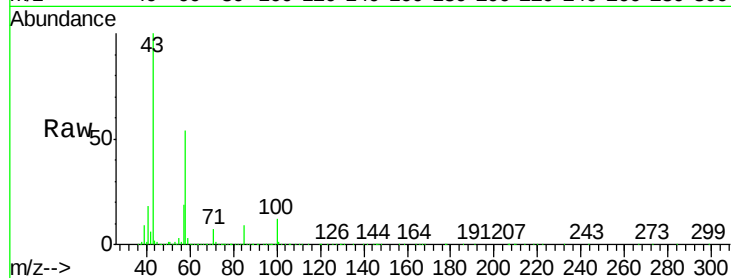
#59
2-Hexanone
Concen: 246.796 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 2007628
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7

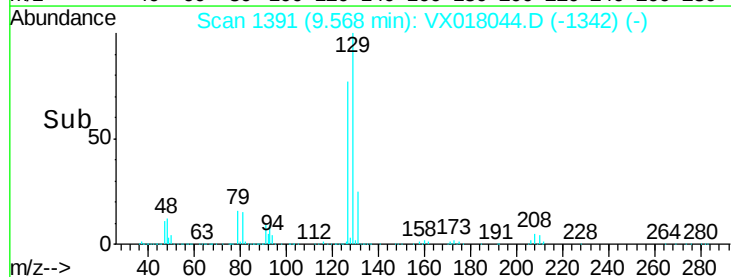
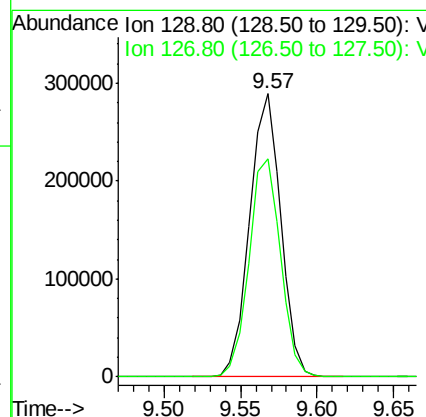
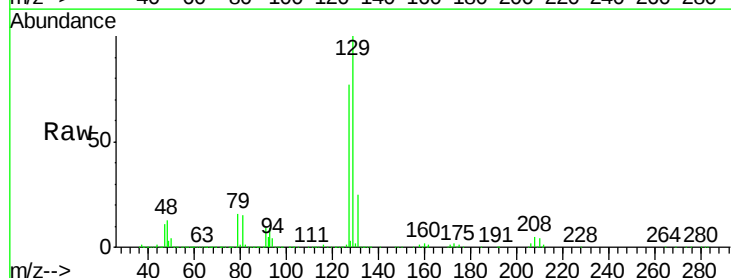
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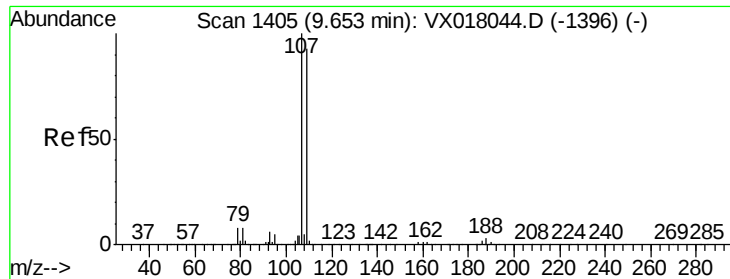
MMDadoda
8/21/2020 11:23:08 AM



#60
Dibromochloromethane
Concen: 55.417 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 129 Resp: 410143
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





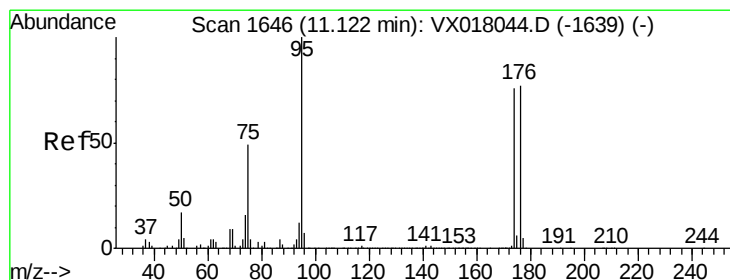
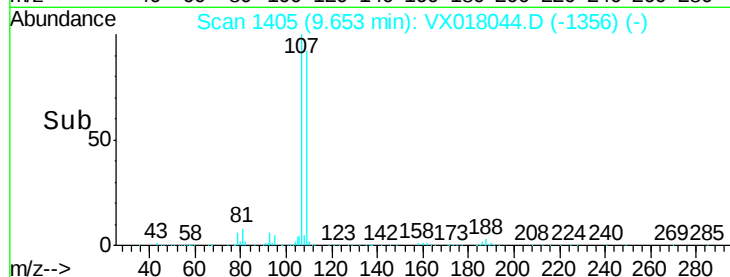
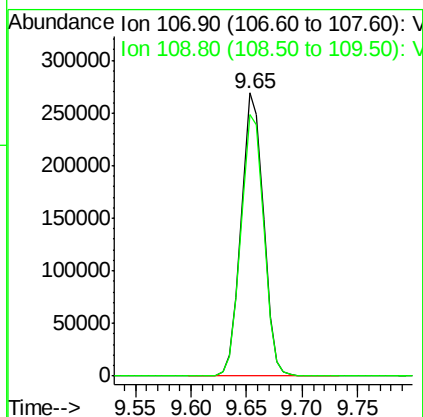
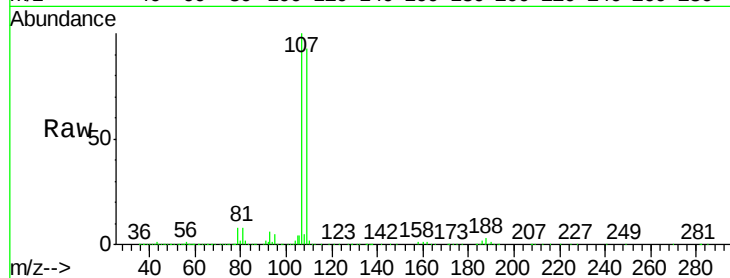
#61
 1,2-Dibromoethane
 Concen: 52.159 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

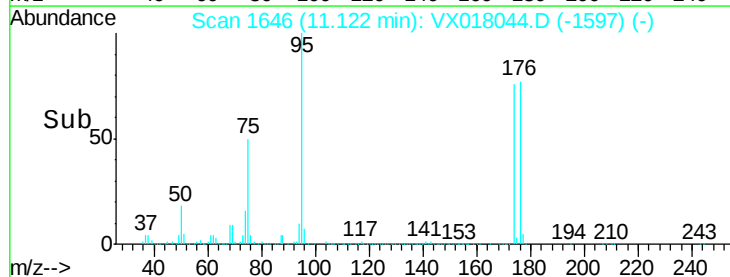
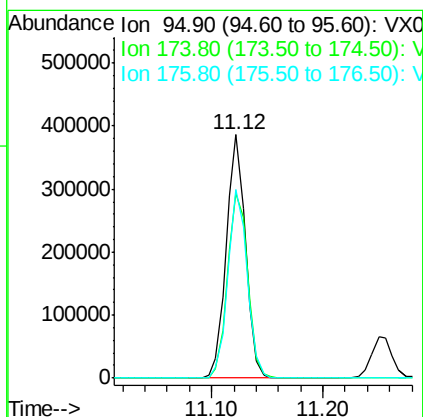
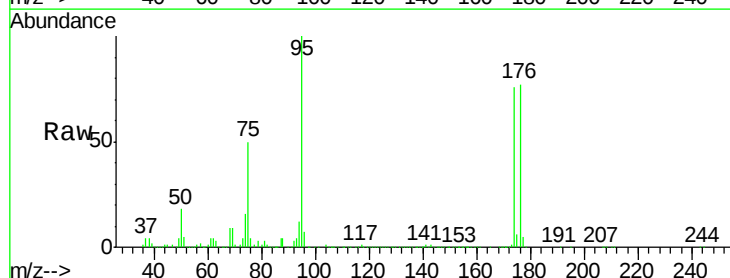
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 51.905 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	160.2
176	77.9	0.0	155.8





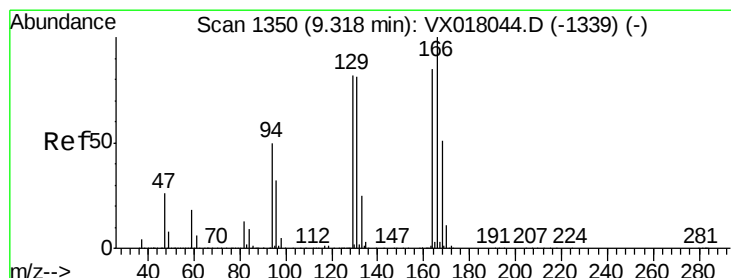
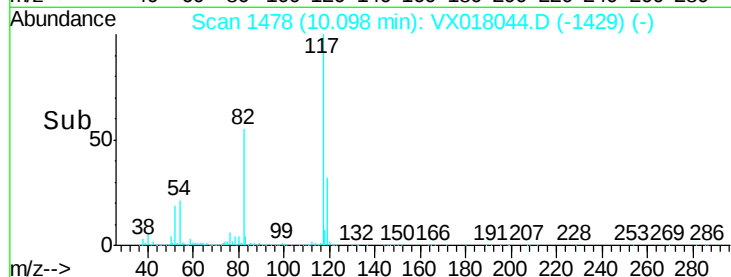
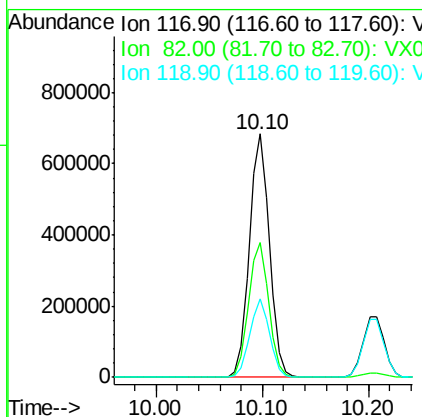
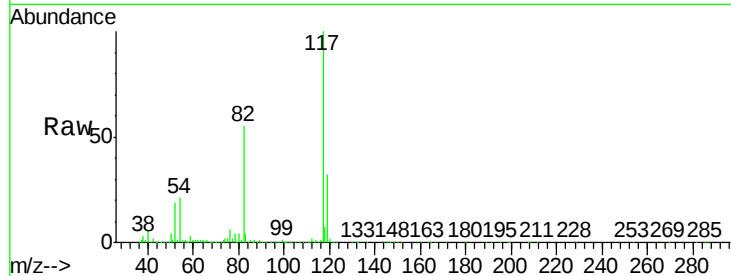
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	905703		
82	55.2		44.2	66.2
119	32.1		25.7	38.5

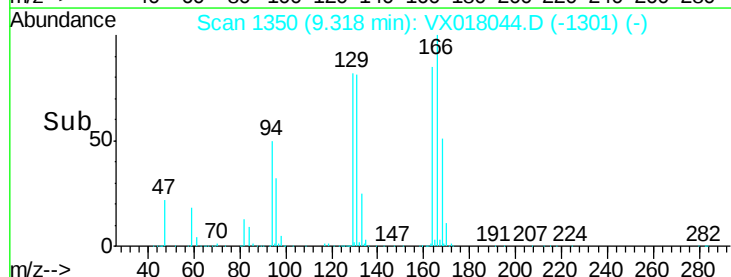
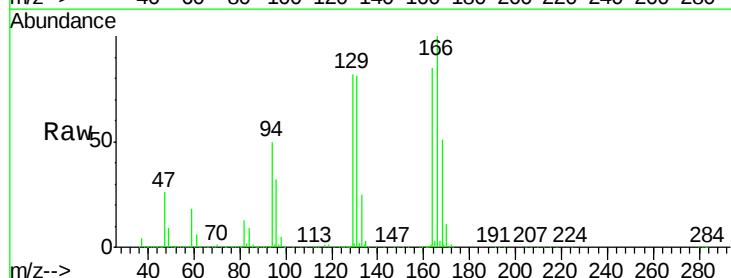
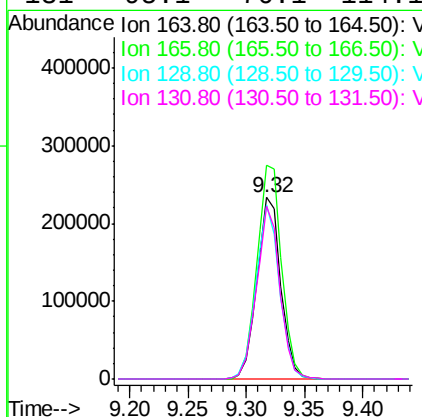
Manual Integrations
APPROVED

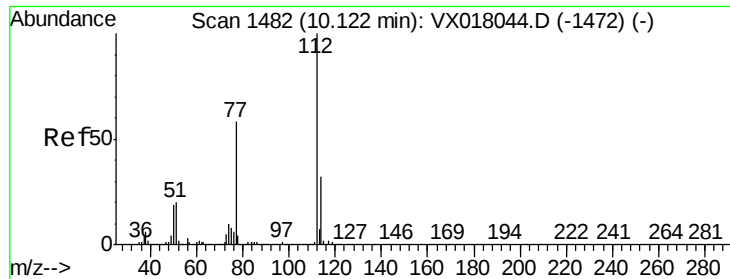
MMDadoda
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#64
Tetrachloroethene
Concen: 32.107 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	334643		
166	117.7		94.2	141.2
129	96.1		76.9	115.3
131	95.1		76.1	114.1





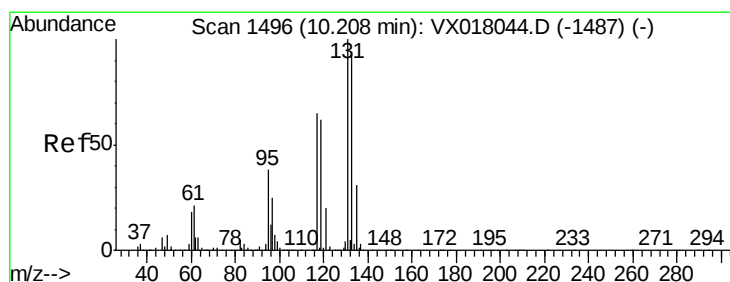
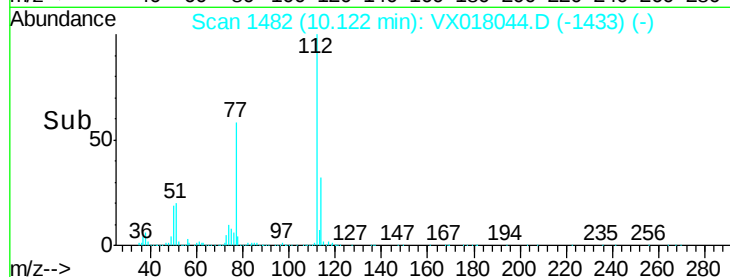
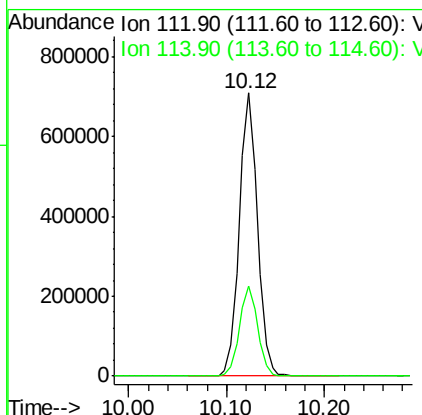
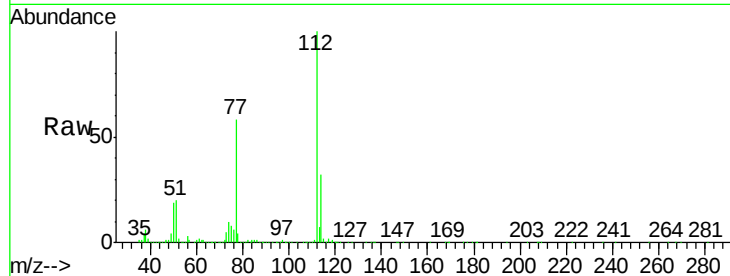
#65
Chlorobenzene
Concen: 48.451 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 914834
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

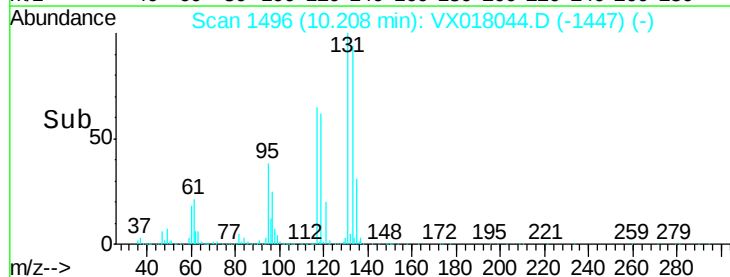
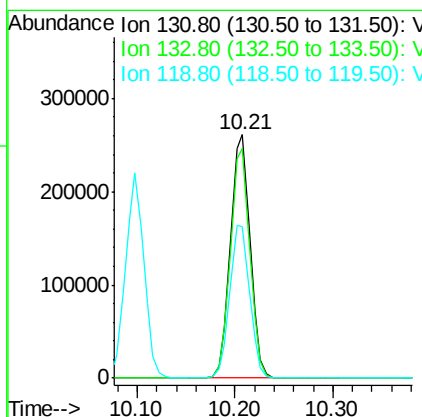
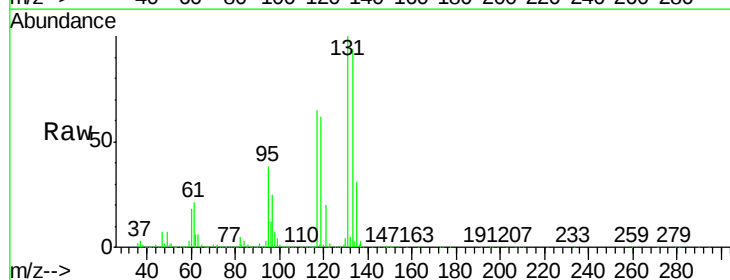
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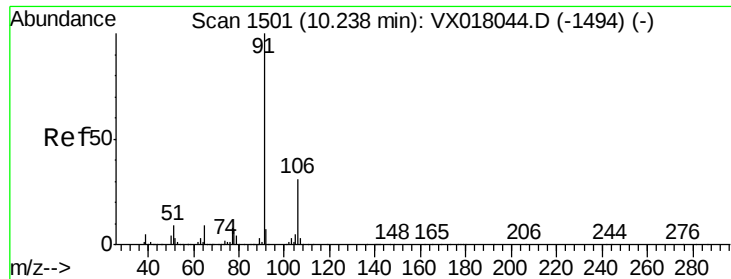
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.732 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion:131 Resp: 364493
Ion Ratio Lower Upper
131 100
133 93.4 46.7 140.1
119 63.6 31.8 95.4





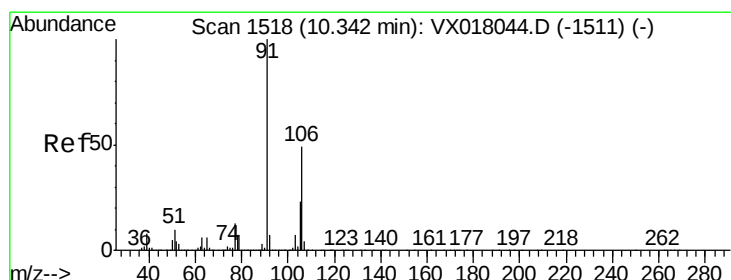
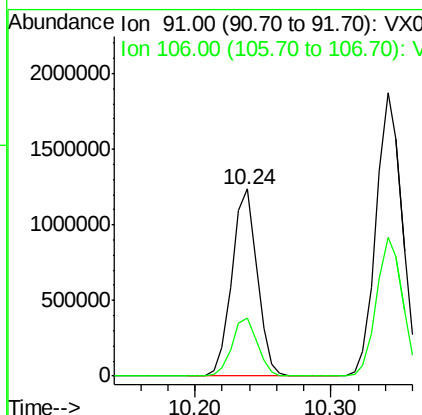
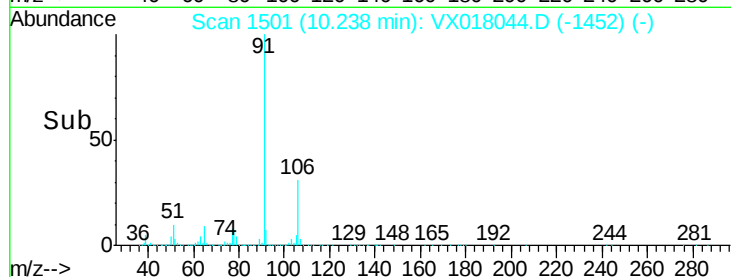
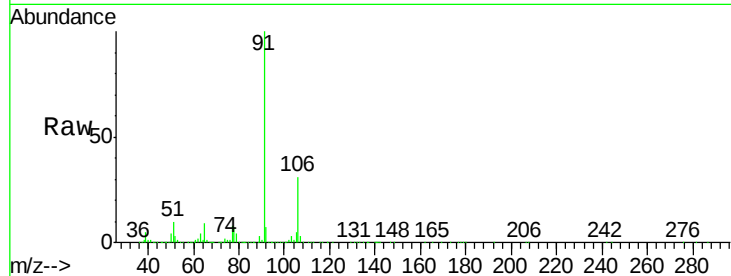
#67
Ethyl Benzene
Concen: 47.791 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1600649
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

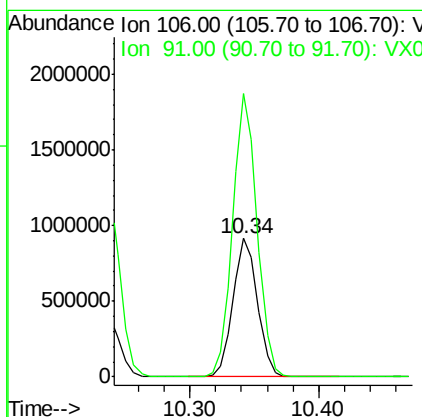
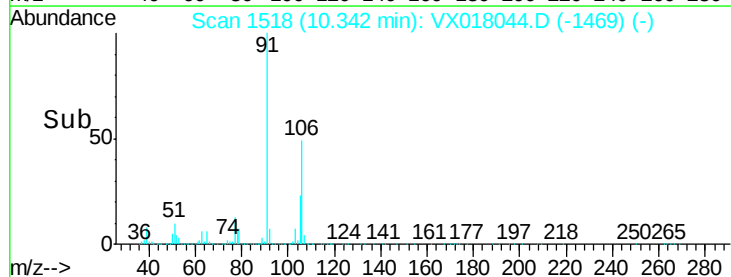
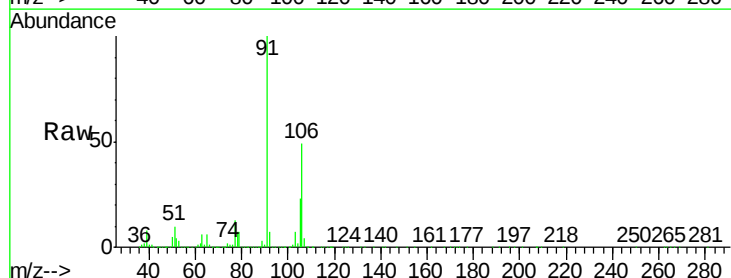
Manual Integrations
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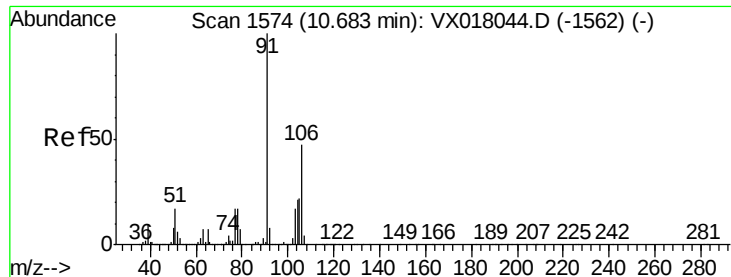
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#68
m/p-Xylenes
Concen: 97.304 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 106 Resp: 1221435
Ion Ratio Lower Upper
106 100
91 202.7 162.2 243.2





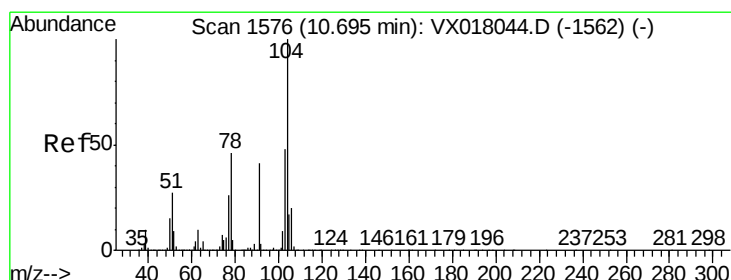
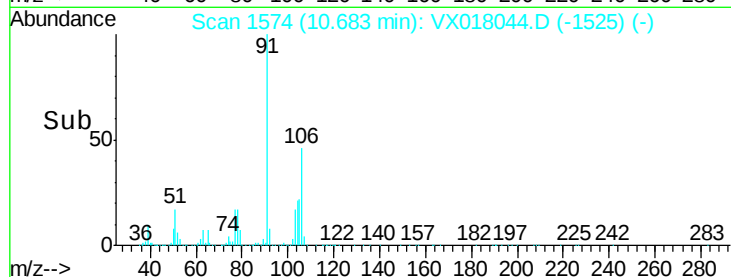
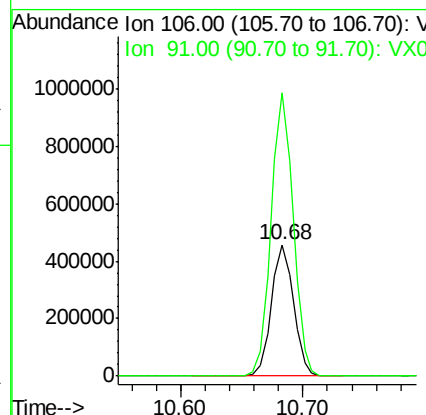
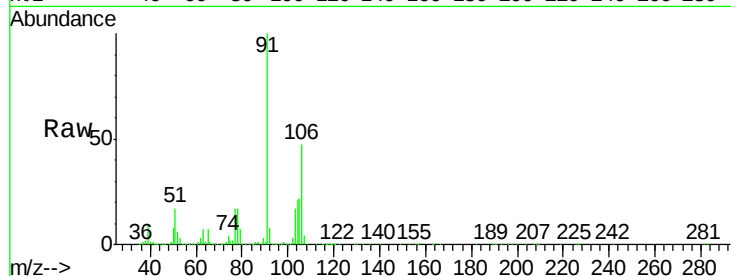
#69
o-Xylene
Concen: 48.008 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.2	107.1	321.3

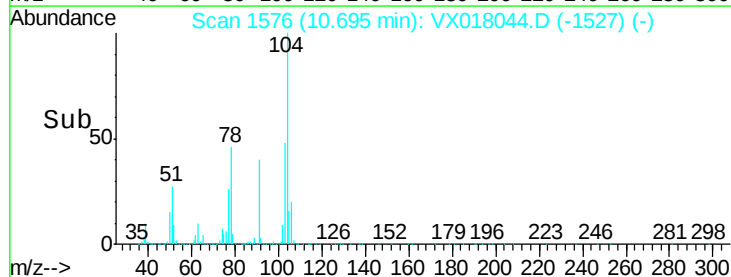
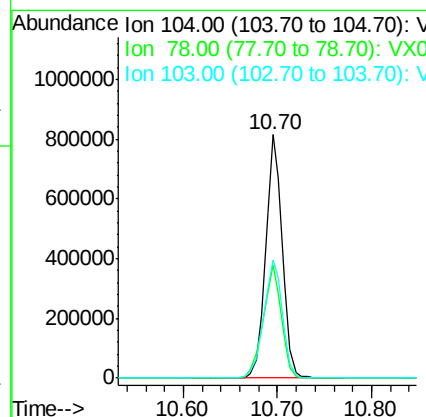
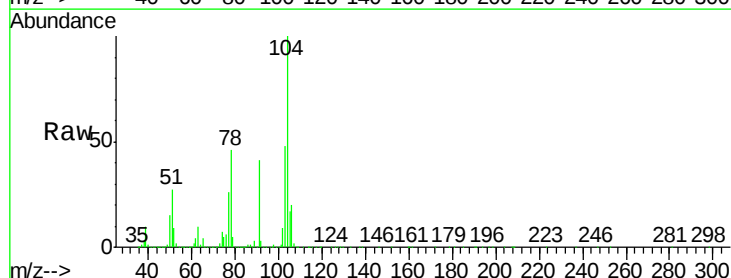
Manual Integrations
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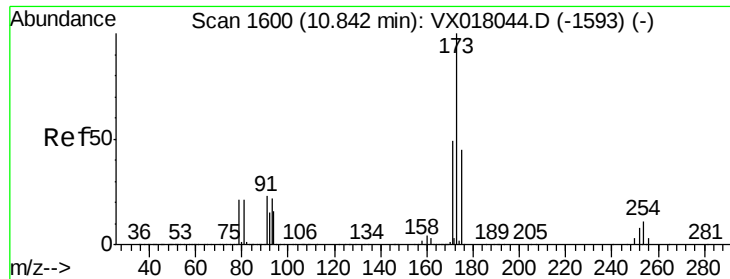
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#70
Styrene
Concen: 49.578 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	40.9	61.3
103	54.5	43.6	65.4





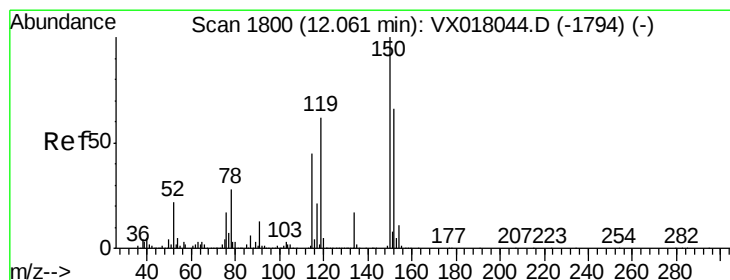
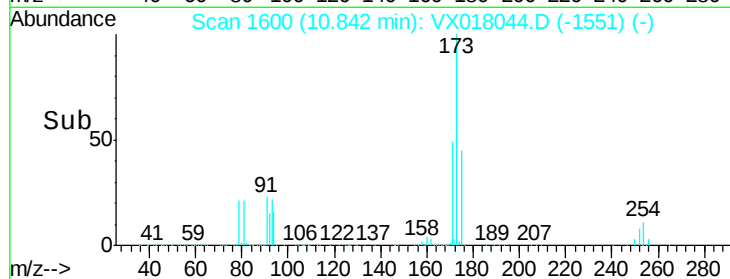
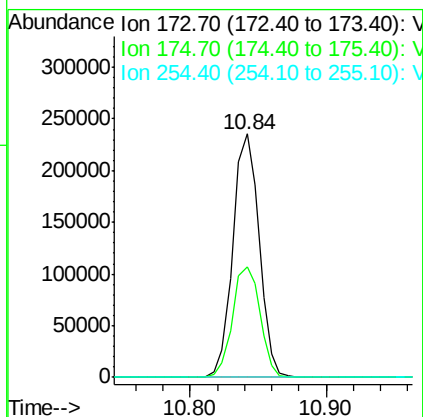
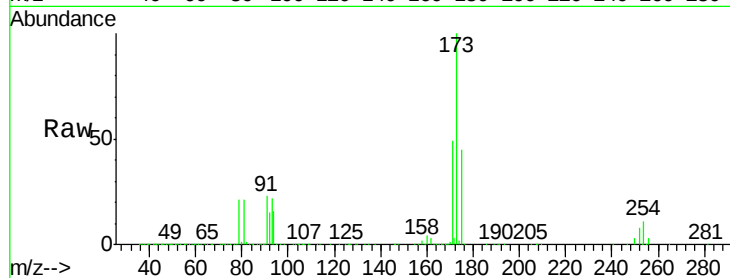
#71
Bromoform
Concen: 54.749 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.8
254	0.2	0.2	0.2

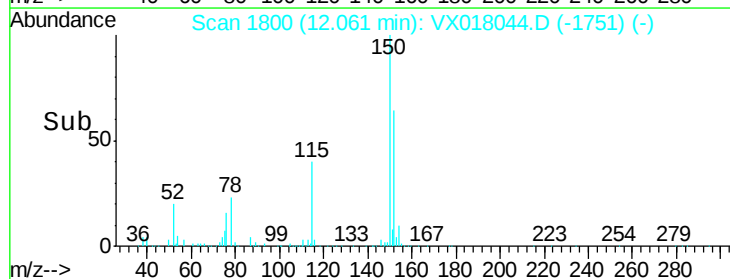
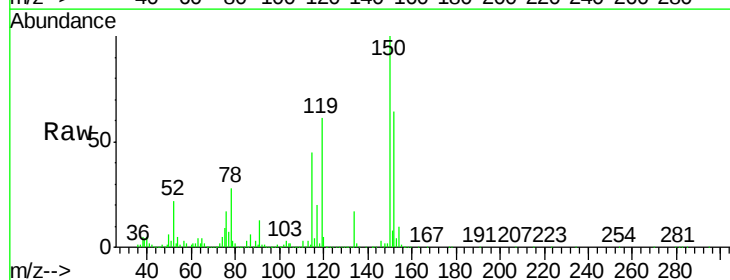
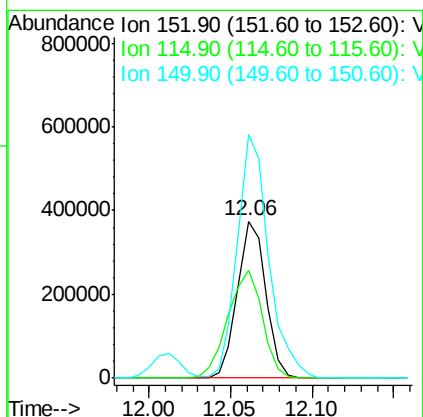
Manual Integrations
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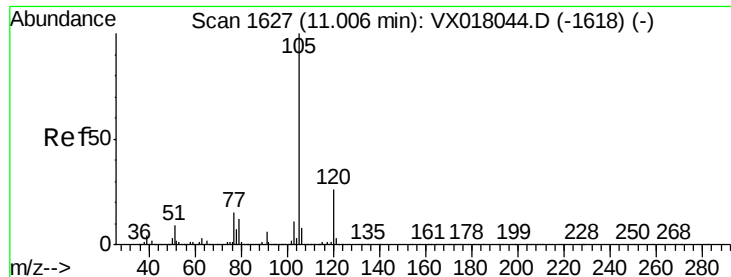
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.0	41.5	124.5
150	171.9	0.0	343.8





#73

Isopropylbenzene

Concen: 47.866 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 1574584

Ion Ratio Lower Upper

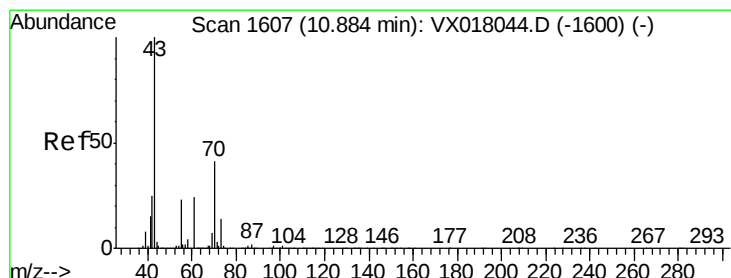
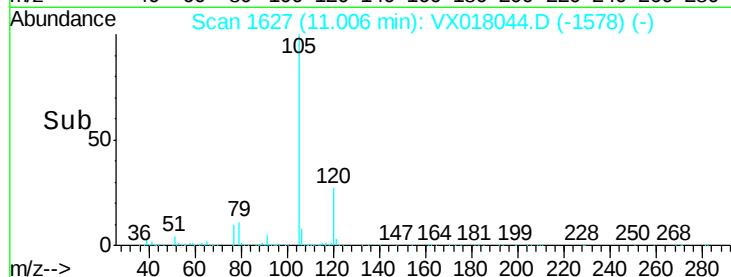
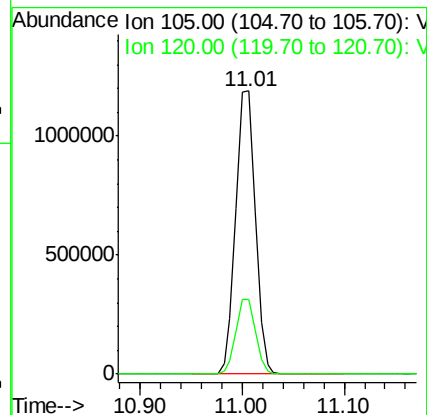
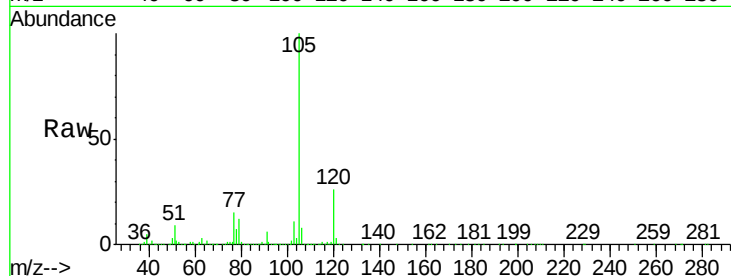
105 100

120 26.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 49.610 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion: 43 Resp: 766107

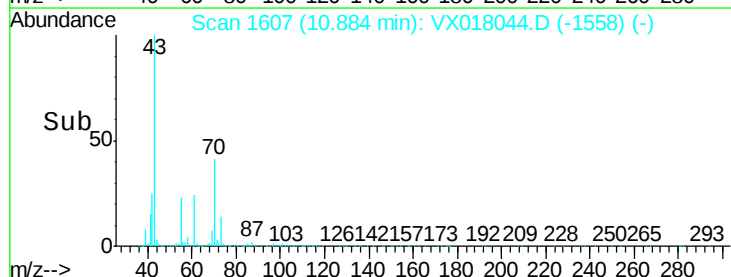
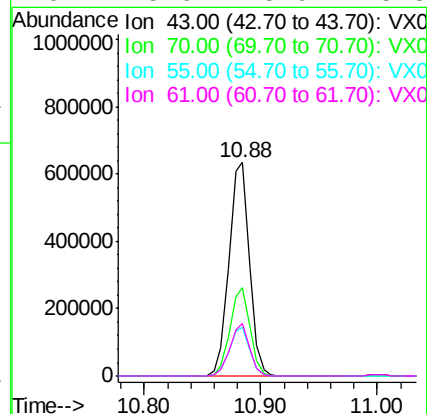
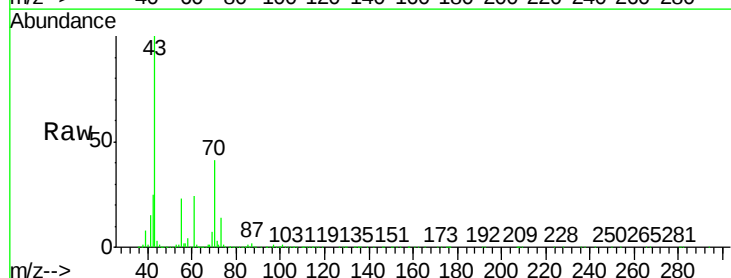
Ion Ratio Lower Upper

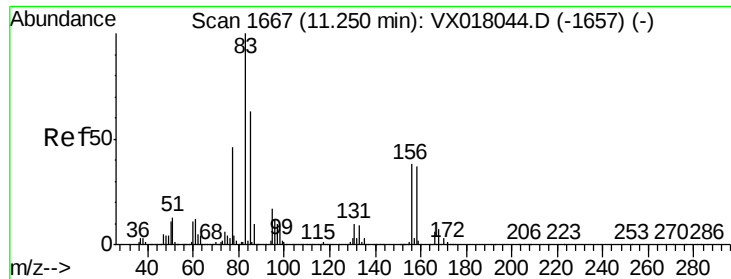
43 100

70 40.4 32.3 48.5

55 22.7 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 79.286 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 514839

Ion Ratio Lower Upper

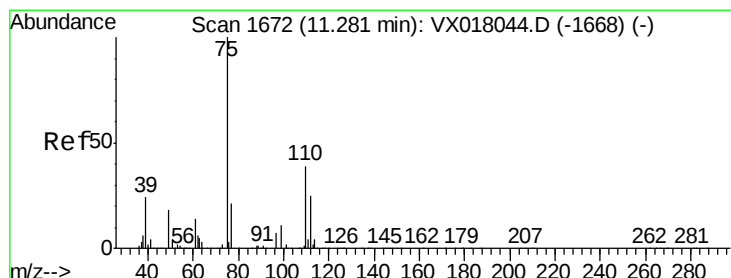
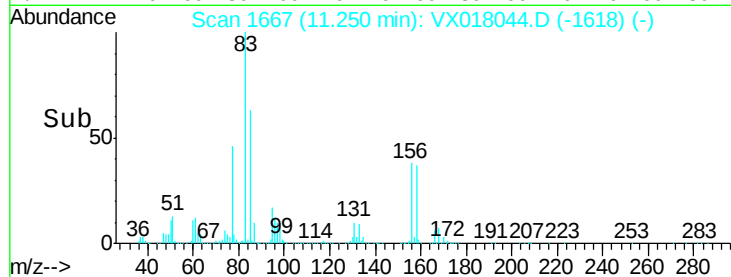
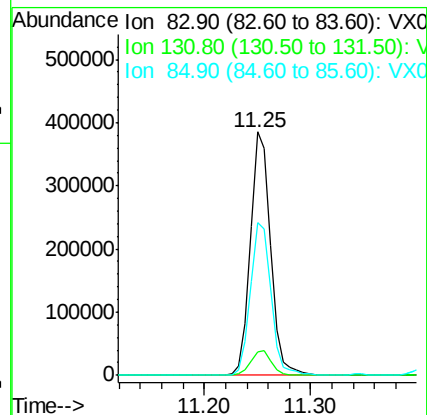
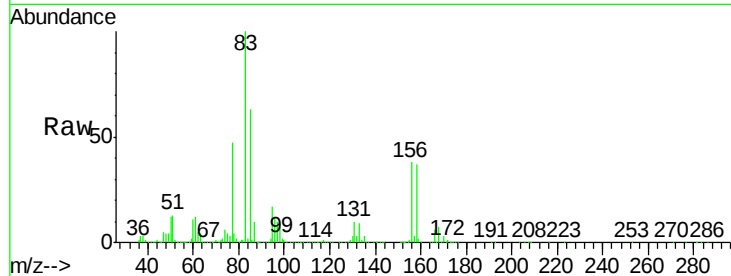
83 100

131 10.3 5.1 15.4

85 64.4 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.563 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018044.D

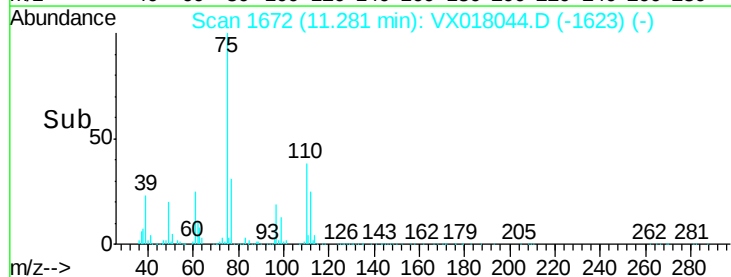
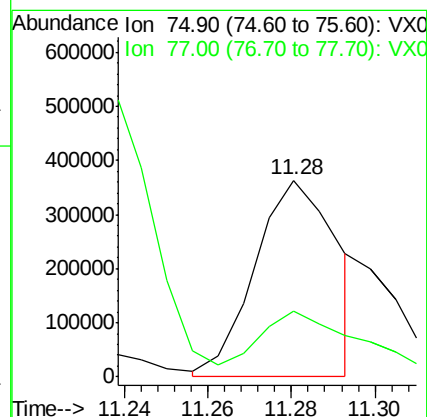
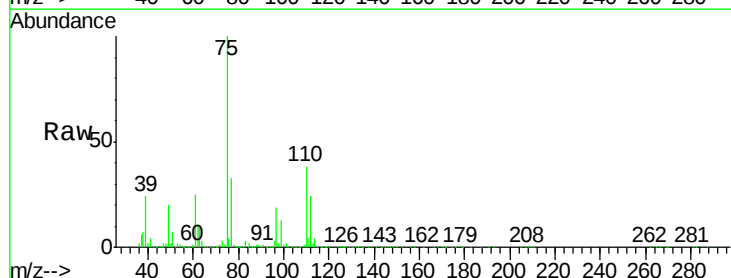
Acq: 20 Aug 2020 20:08

Tgt Ion: 75 Resp: 499717

Ion Ratio Lower Upper

75 100

77 41.5 20.8 62.2





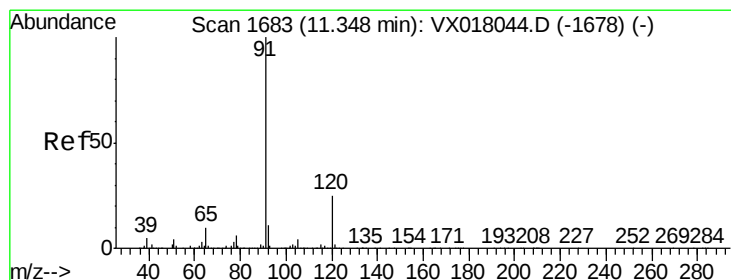
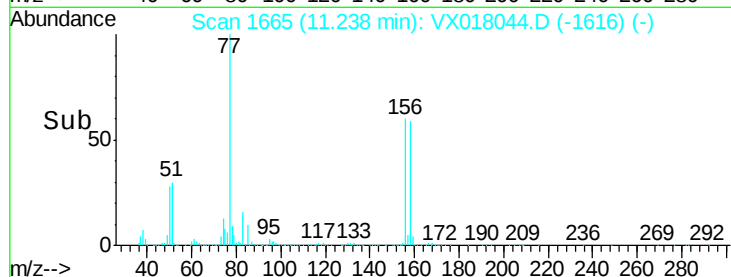
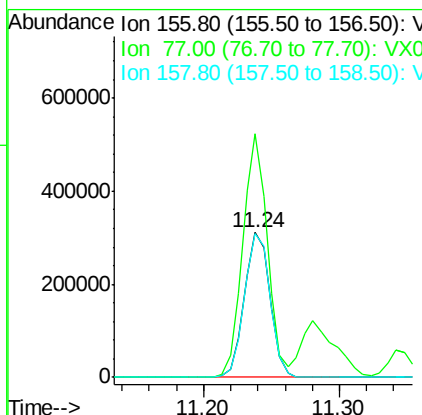
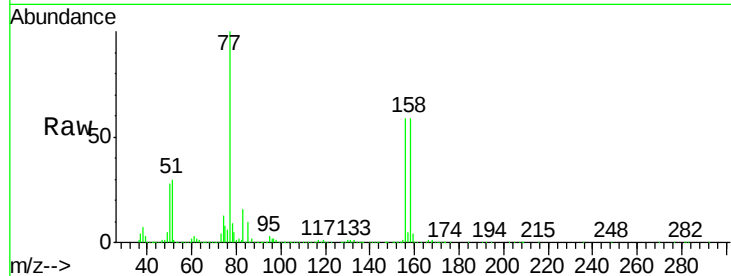
#77
Bromobenzene
Concen: 48.009 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.1	80.0	240.2
158	99.1	49.5	148.7

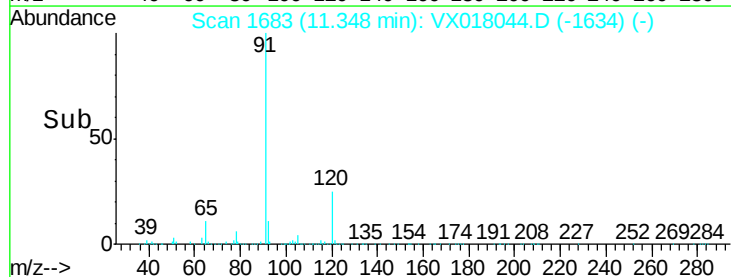
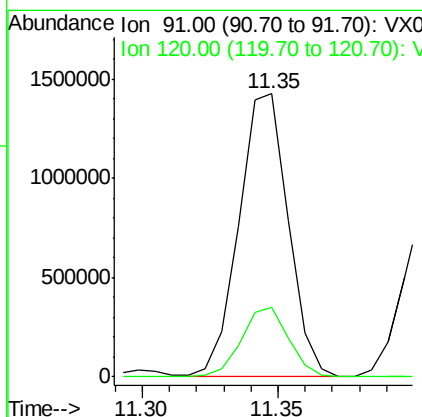
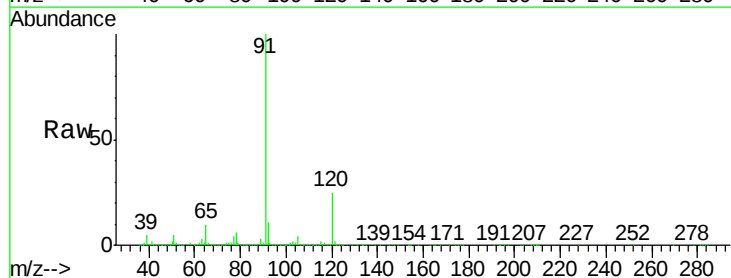
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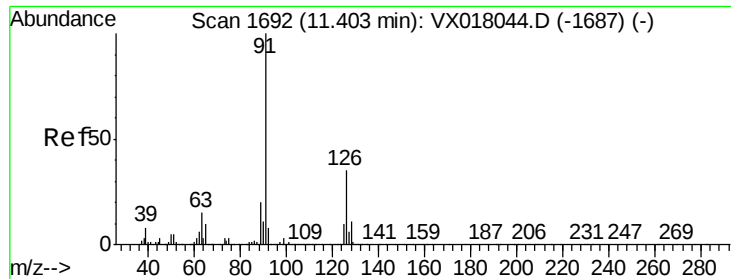
MMDadoda
8/21/2020 11:23:08 AM



#78
n-propylbenzene
Concen: 46.503 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 48.018 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1091093

Ion Ratio Lower Upper

91 100

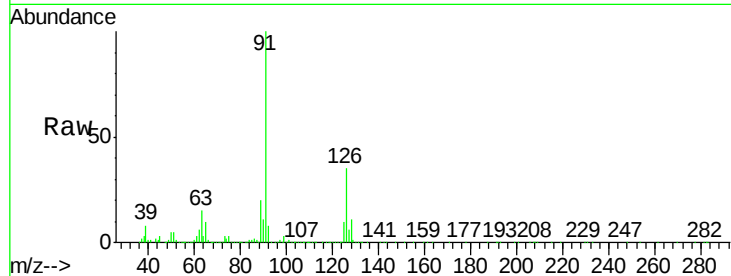
126 34.8 17.4 52.2

Manual Integrations

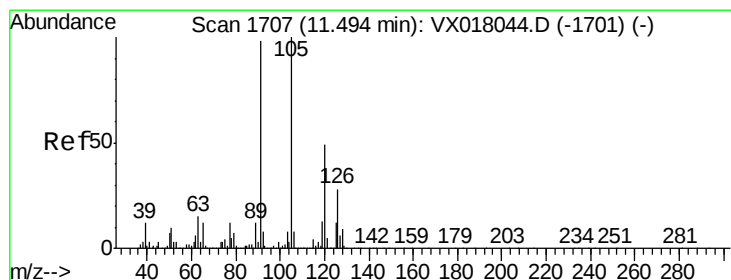
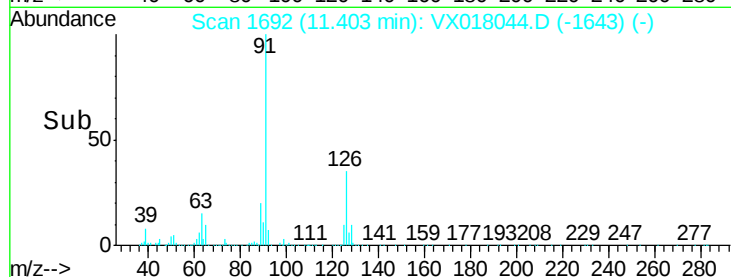
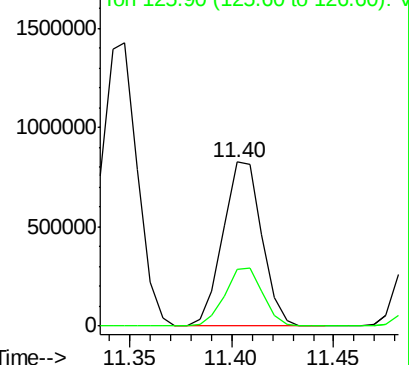
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Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.729 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018044.D

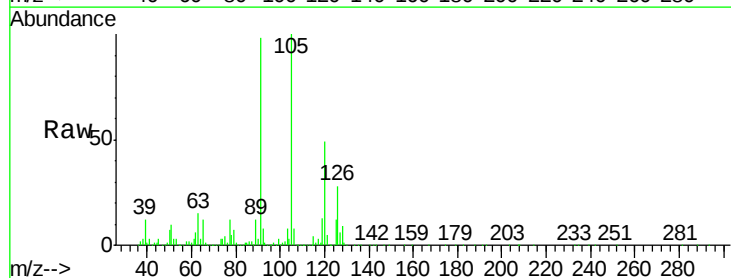
Acq: 20 Aug 2020 20:08

Tgt Ion: 105 Resp: 1326303

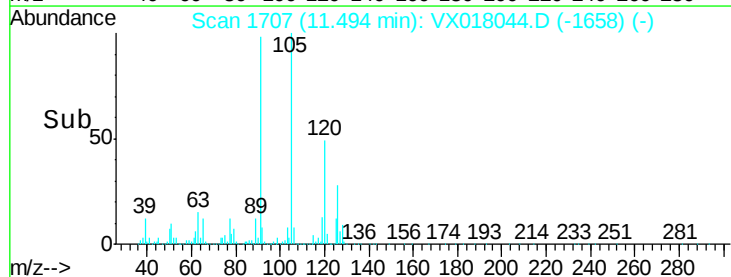
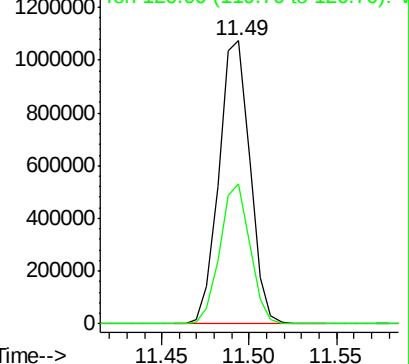
Ion Ratio Lower Upper

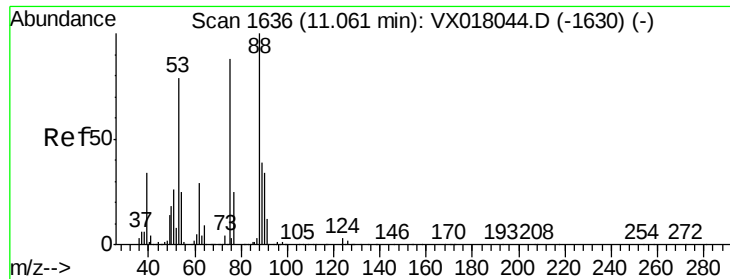
105 100

120 48.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.172 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 190760

Ion Ratio Lower Upper

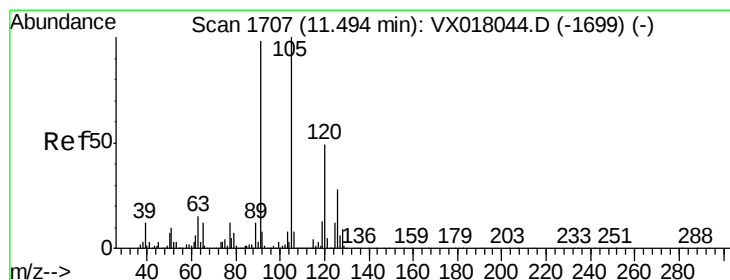
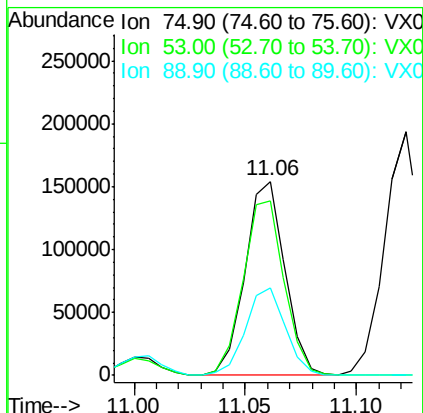
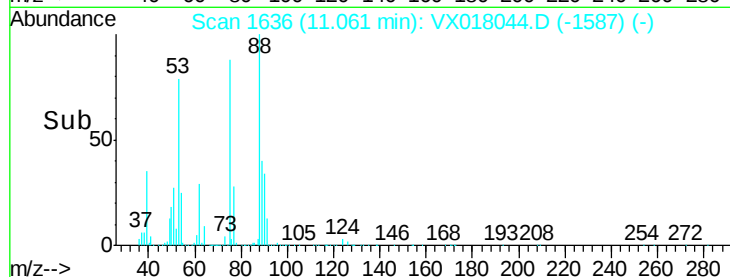
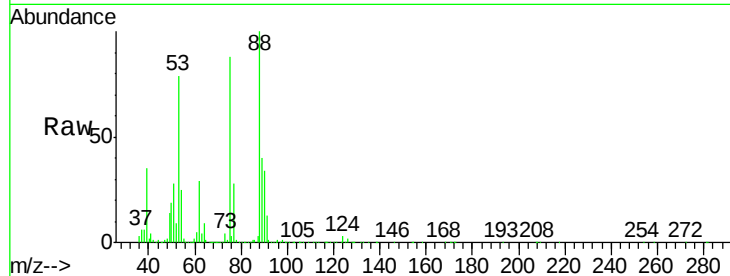
75 100

53 93.4 74.7 112.1

89 45.7 36.6 54.8

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#82

4-Chlorotoluene

Concen: 47.991 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018044.D

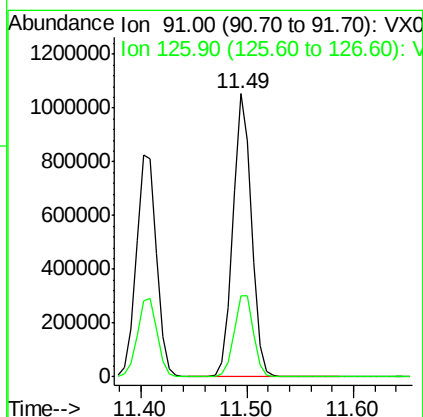
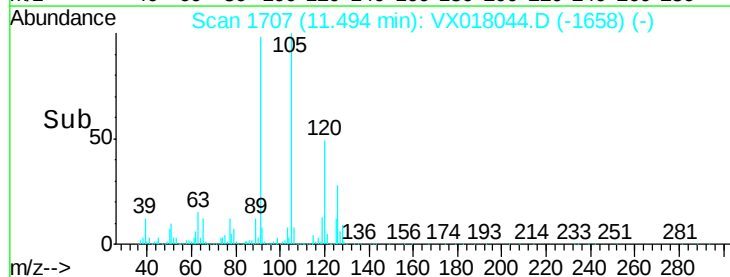
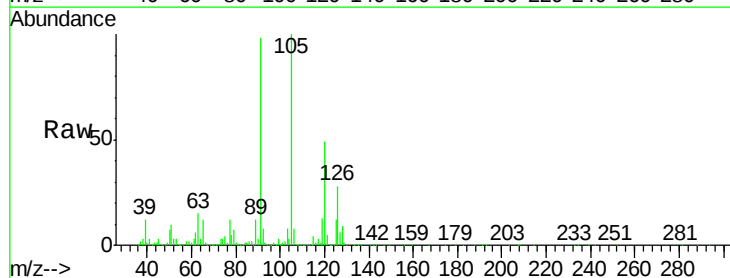
Acq: 20 Aug 2020 20:08

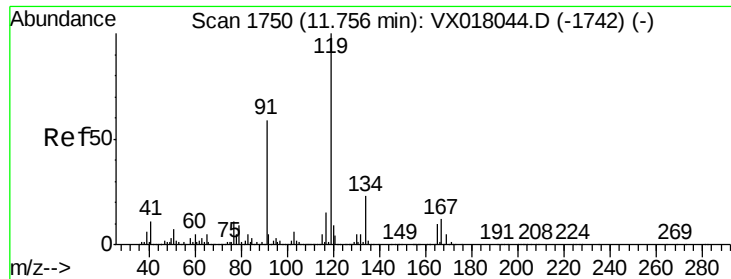
Tgt Ion: 91 Resp: 1285946

Ion Ratio Lower Upper

91 100

126 30.2 15.1 45.3





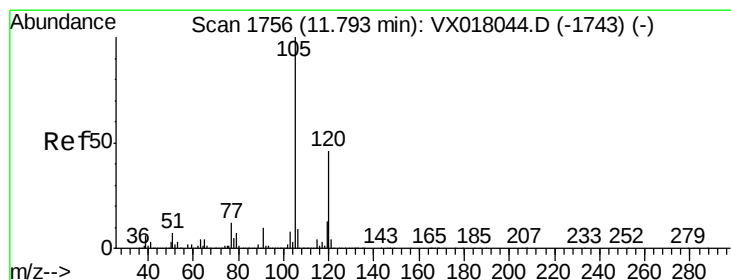
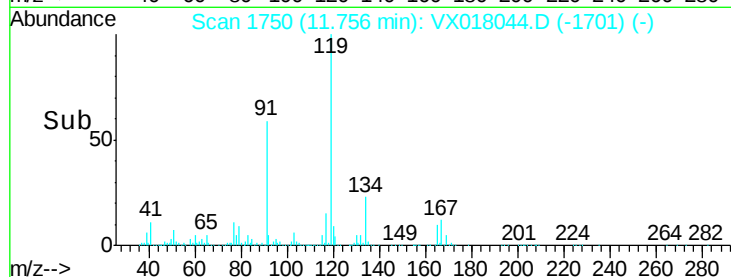
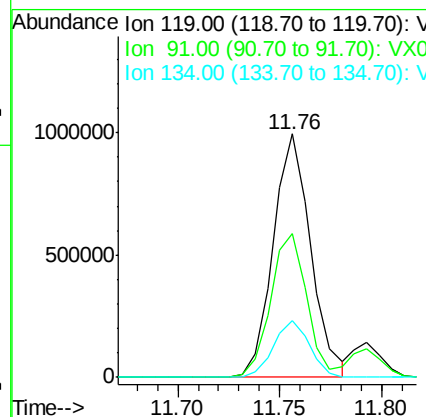
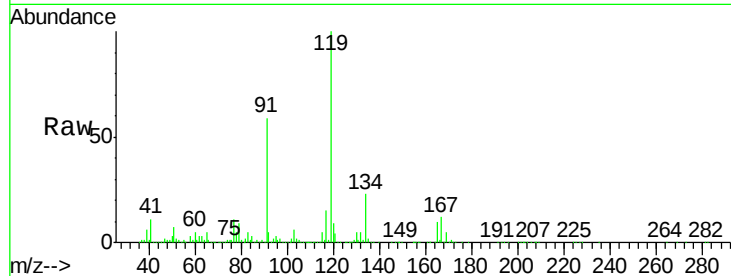
#83
 tert-Butylbenzene
 Concen: 52.132 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.2	84.7
134	22.5	11.3	33.8

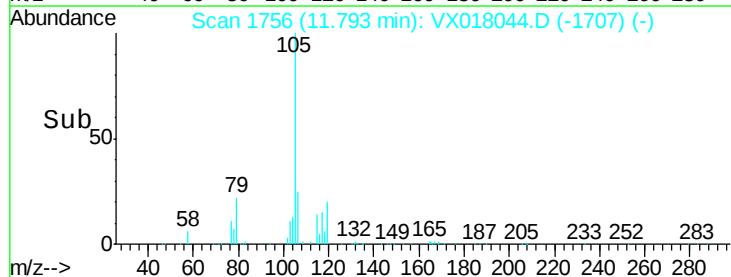
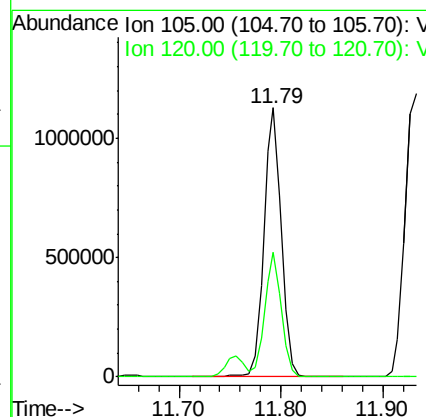
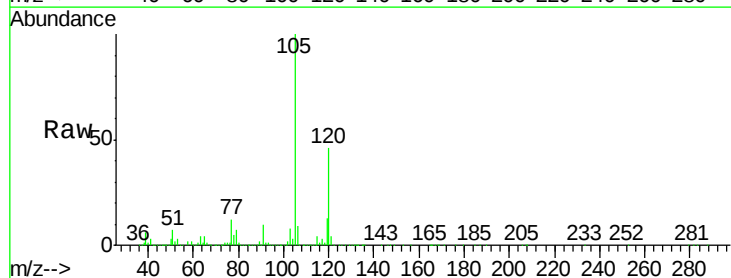
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.849 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.3	66.9





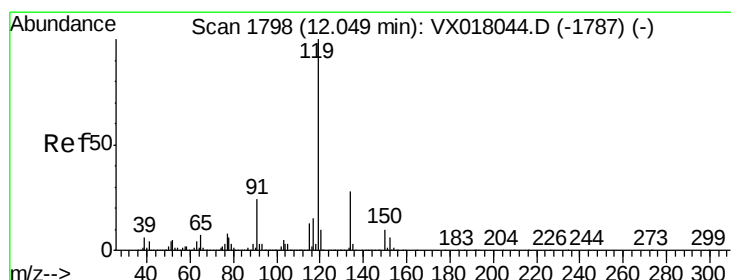
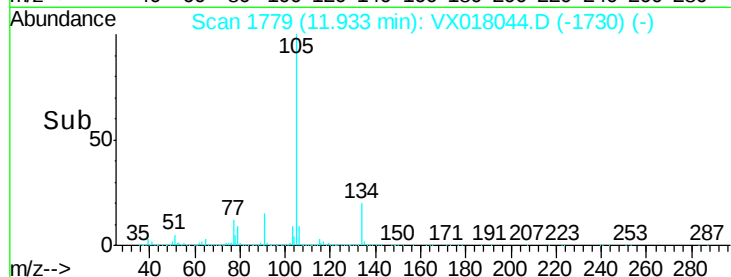
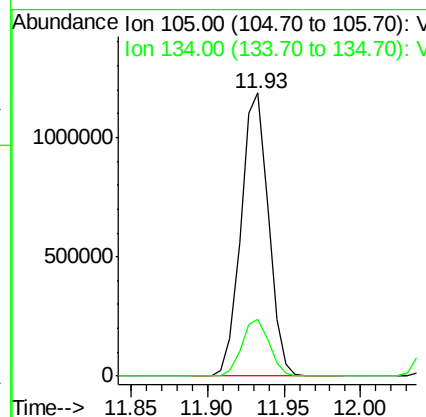
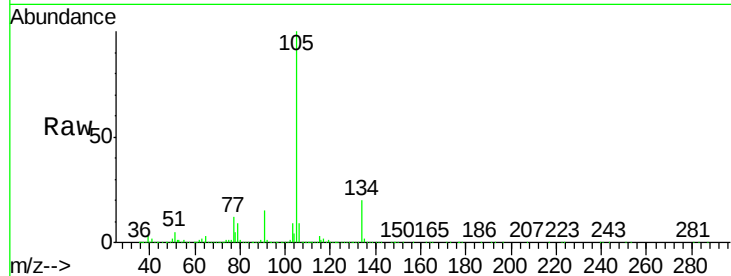
#85
 sec-Butylbenzene
 Concen: 45.865 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

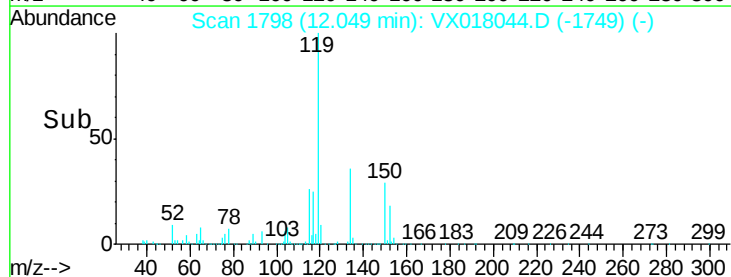
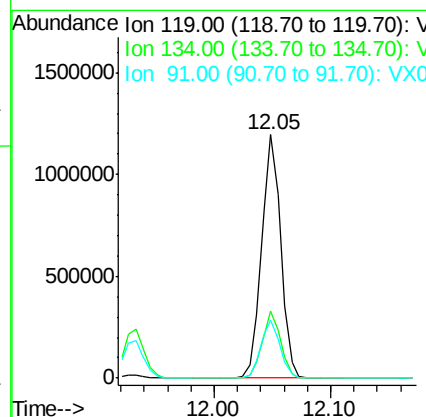
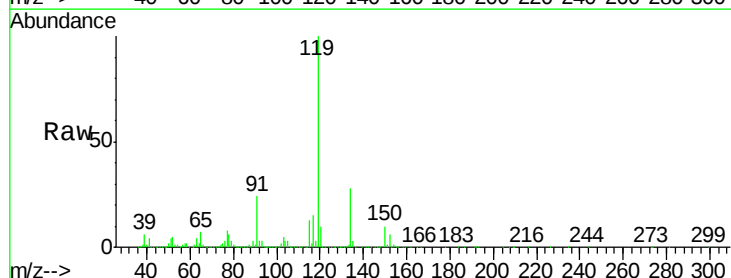
Manual Integrations
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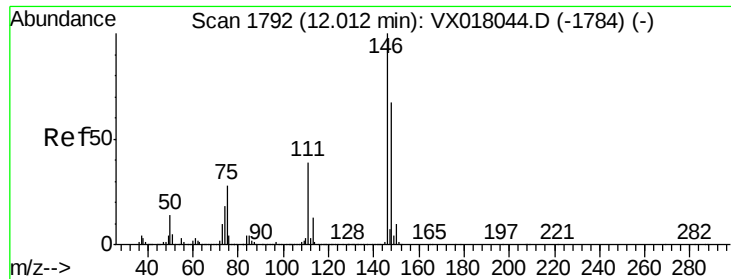
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#86
 p-Isopropyltoluene
 Concen: 46.168 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	23.6	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 46.766 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

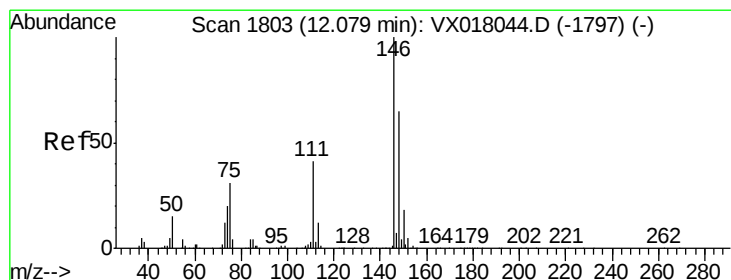
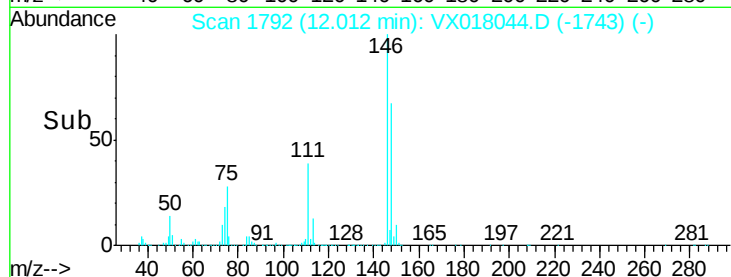
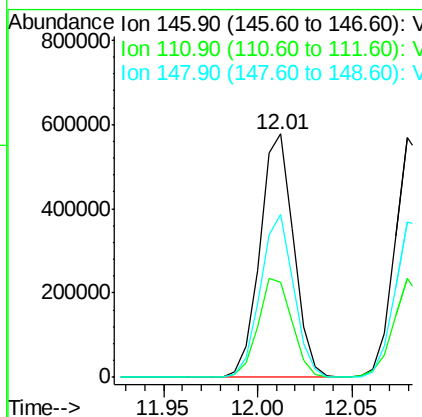
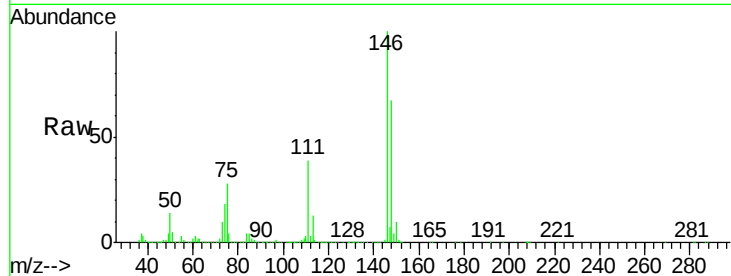
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	715497
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.6	61.8
148	66.1	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.396 ug/l

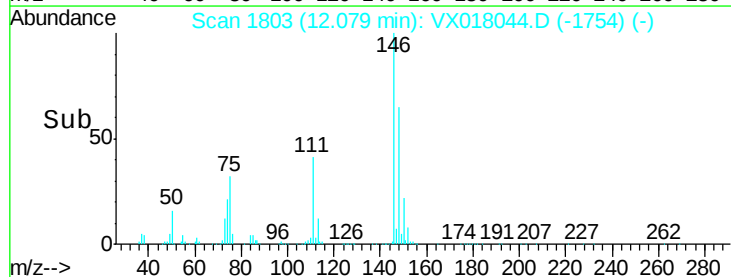
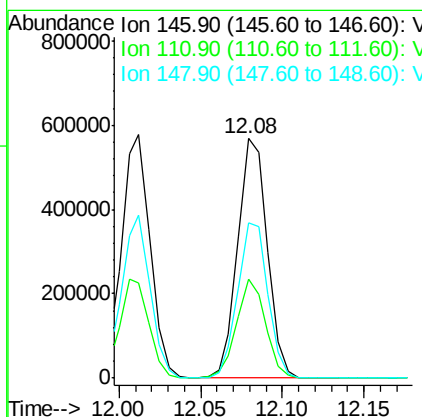
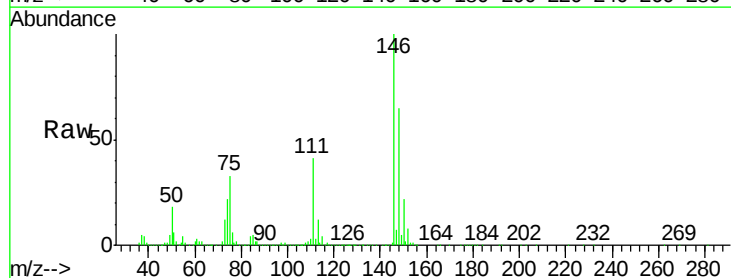
RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion:	146	Resp:	719607
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.3	60.8
148	66.1	33.1	99.2





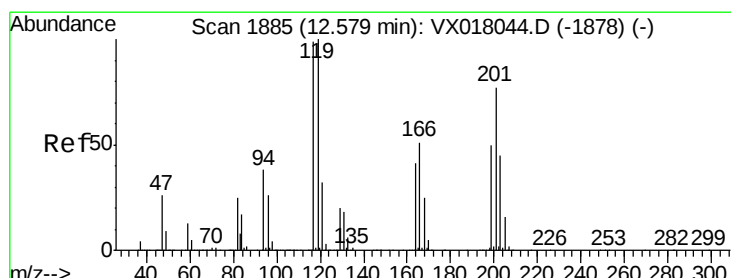
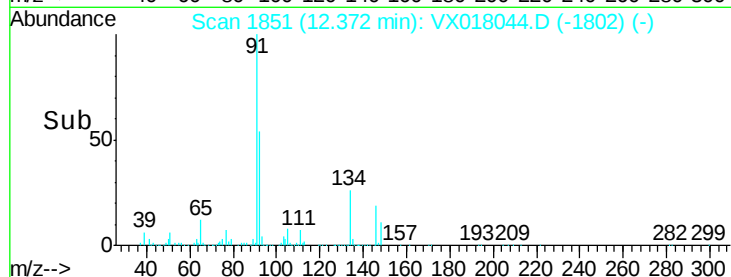
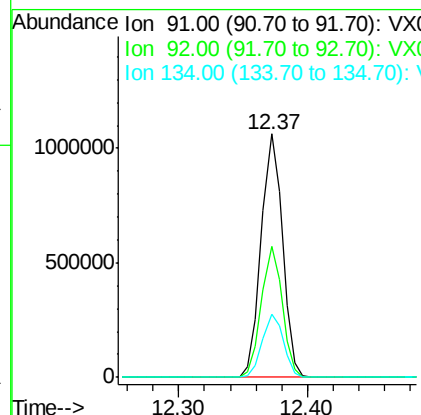
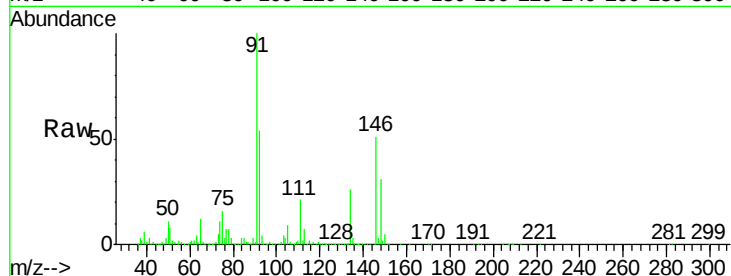
#89
n-Butylbenzene
Concen: 44.377 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.8	12.9	38.7

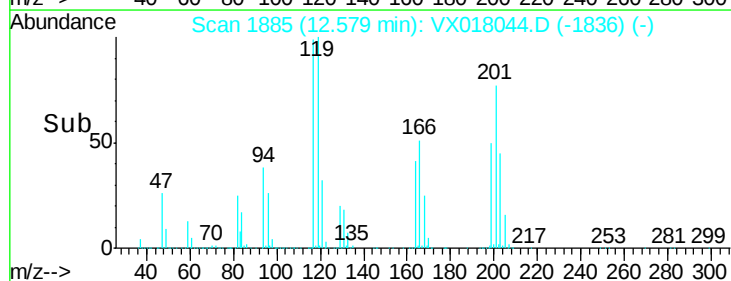
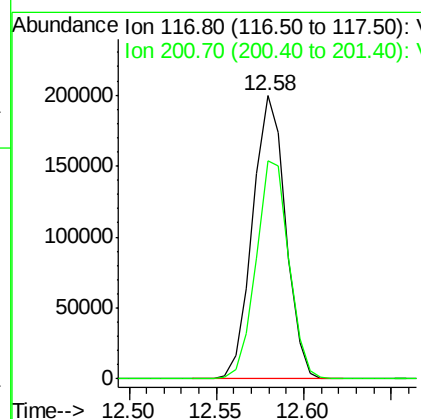
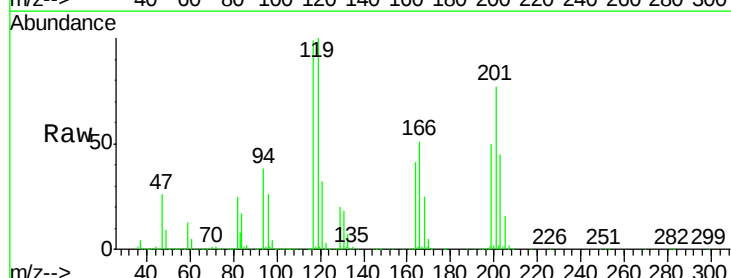
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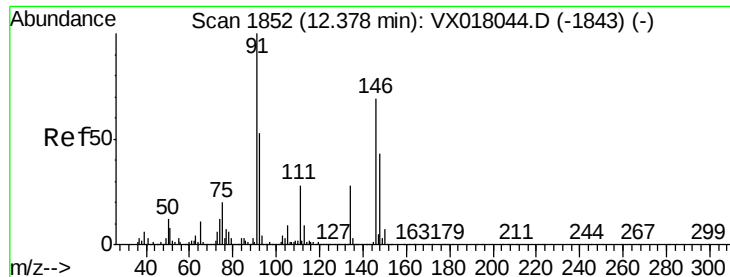
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#90
Hexachloroethane
Concen: 50.442 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	38.5	115.3





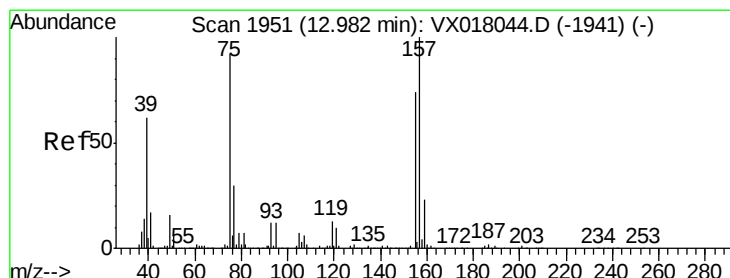
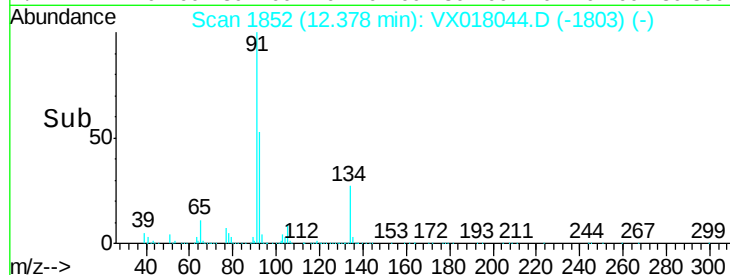
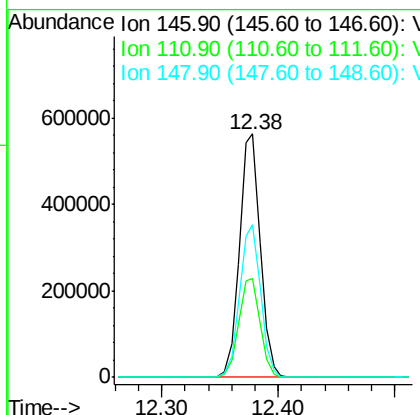
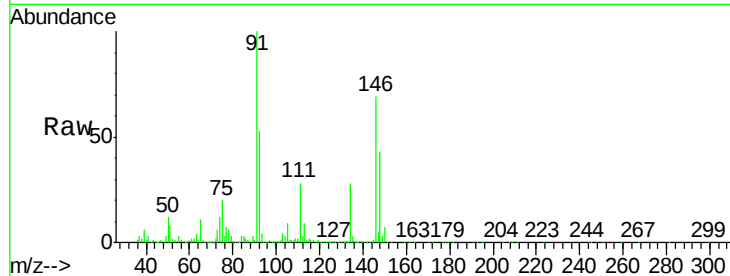
#91
 1,2-Dichlorobenzene
 Concen: 47.430 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	700533		
111	41.7		20.8	62.5
148	63.3		31.6	95.0

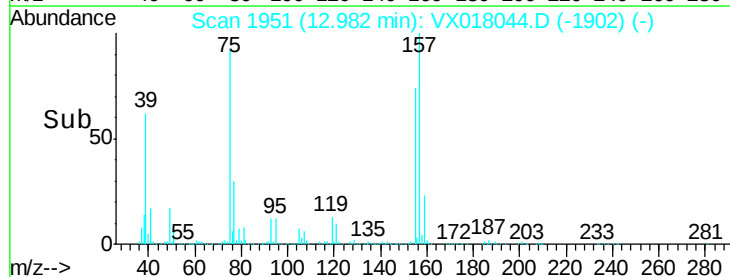
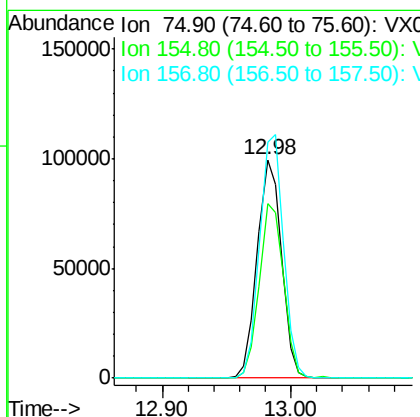
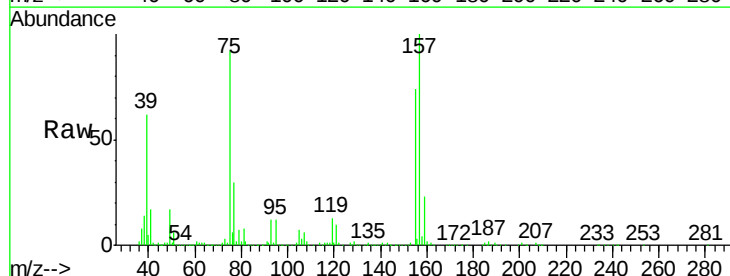
Manual Integrations
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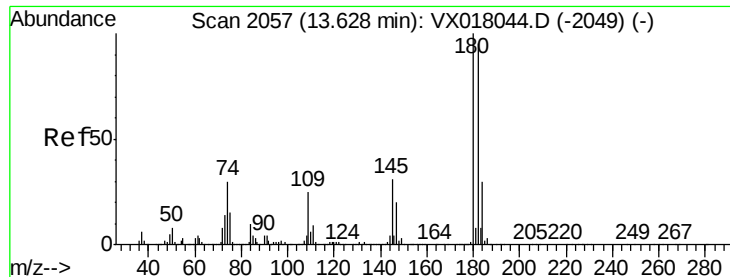
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.335 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	128595		
155	80.4		40.2	120.6
157	110.1		55.0	165.2





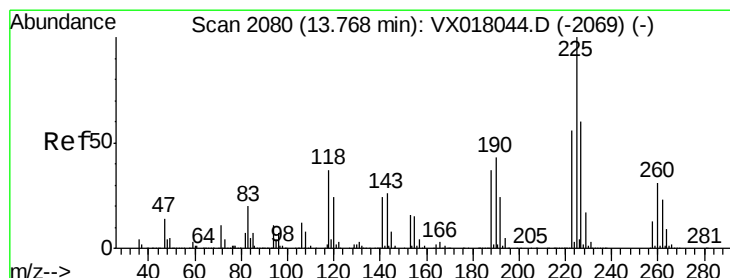
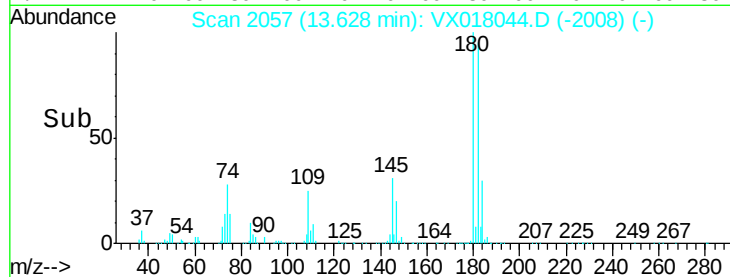
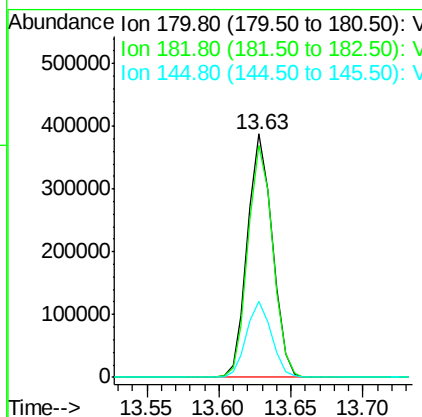
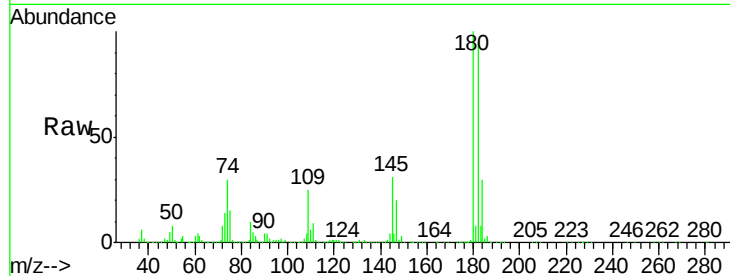
#93
 1,2,4-Trichlorobenzene
 Concen: 42.796 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	461784		
182	95.1	47.5	142.6	
145	31.4	15.7	47.1	

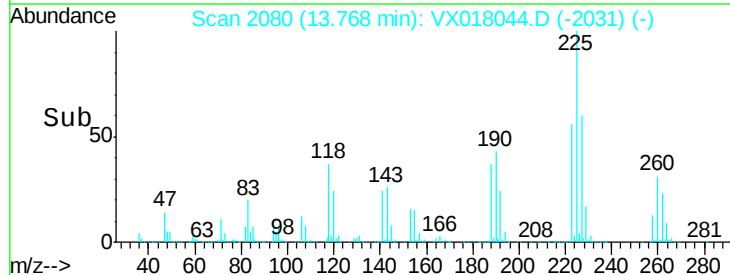
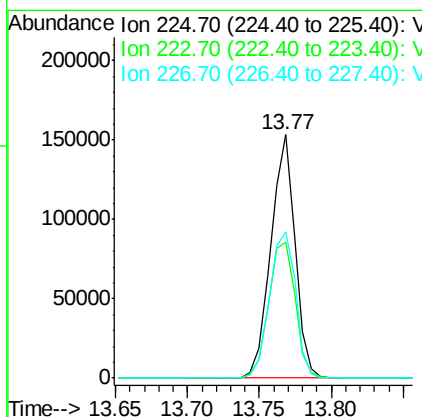
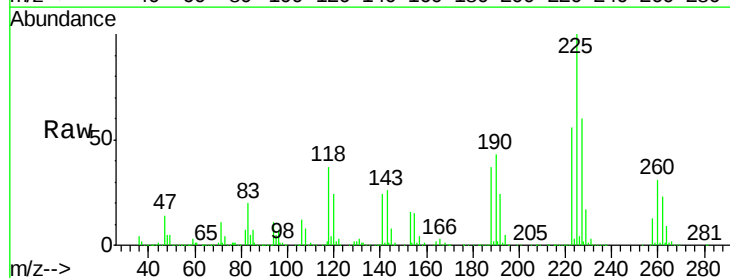
Manual Integrations
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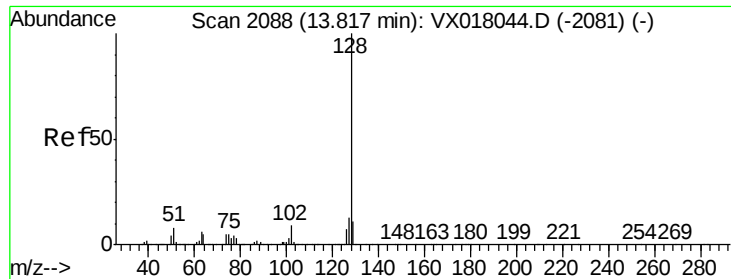
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#94
 Hexachlorobutadiene
 Concen: 36.498 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178024		
223	61.4	30.7	92.1	
227	65.2	32.6	97.8	





#95

Naphthalene

Concen: 45.159 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:128 Resp: 1578372

Ion Ratio Lower Upper

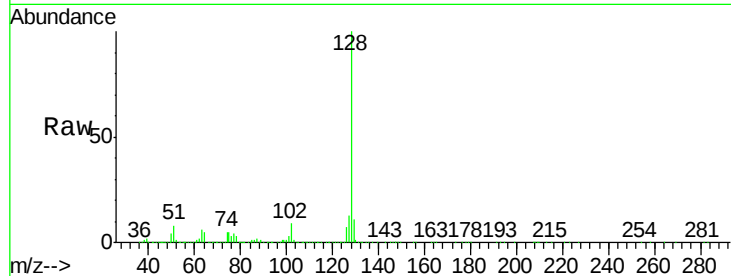
128 100

127 12.7 10.2 15.2

129 10.9 8.7 13.1

Manual Integrations
APPROVED

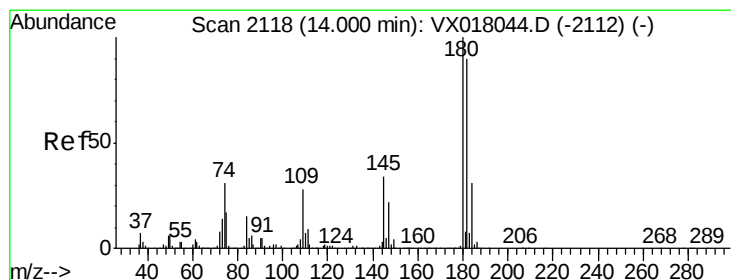
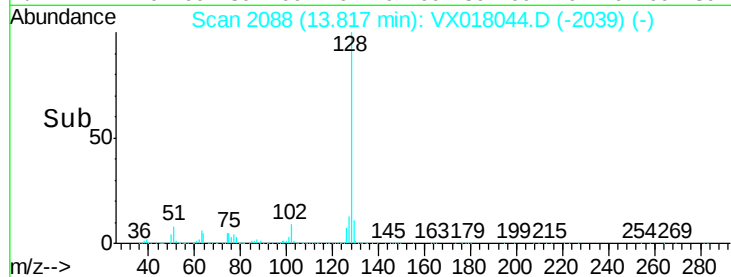
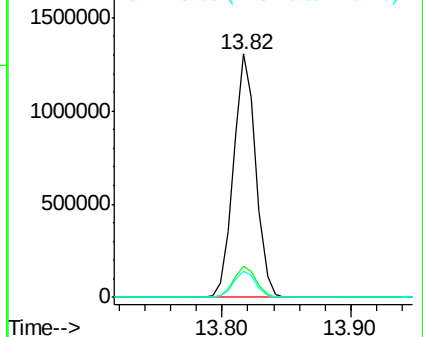
MMDadoda
8/21/2020 11:23:08 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 42.742 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

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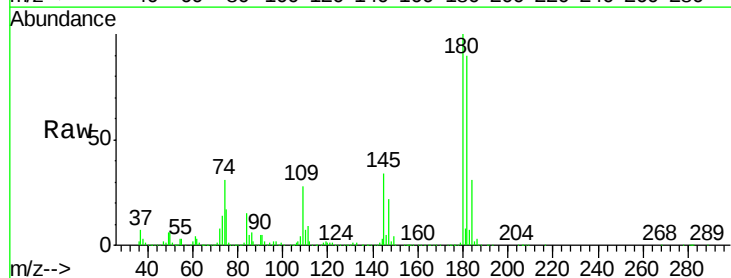
Tgt Ion:180 Resp: 447982

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 35.1 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

