

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018291.D
 Acq On : 08 Sep 2020 21:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:09 PM

Quant Time: Sep 09 02:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	399414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	616302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	334629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	297093	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	5.46	113	231326	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
50) Toluene-d8	8.70	98	804861	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.12	95	324705	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	237445	48.827	ug/l	97
3) Chloromethane	1.31	50	223005	43.497	ug/l	98
4) Vinyl Chloride	1.39	62	234574	45.962	ug/l	98
5) Bromomethane	1.62	94	142995	58.089	ug/l	97
6) Chloroethane	1.70	64	139214	50.787	ug/l	96
7) Trichlorofluoromethane	1.91	101	402574	57.848	ug/l	98
8) Diethyl Ether	2.17	74	125276	53.082	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	202051	53.704	ug/l	98
10) Methyl Iodide	2.49	142	209096	51.740	ug/l	98
11) Tert butyl alcohol	3.02	59	265660	246.409	ug/l	99
12) 1,1-Dichloroethene	2.36	96	196726	50.400	ug/l	95
13) Acrolein	2.27	56	94905	212.297	ug/l	98
14) Allyl chloride	2.71	41	346364	49.391	ug/l	97
15) Acrylonitrile	3.12	53	608088	248.645	ug/l	100
16) Acetone	2.42	43	549695	254.415	ug/l	93
17) Carbon Disulfide	2.55	76	529959	44.913	ug/l	99
18) Methyl Acetate	2.75	43	295996	56.771	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	719041	53.715	ug/l	98
20) Methylene Chloride	2.83	84	225597	51.091	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	215544	49.843	ug/l	99
22) Diisopropyl ether	3.82	45	722125	52.173	ug/l	91
23) Vinyl Acetate	3.79	43	3174998	257.798	ug/l	99
24) 1,1-Dichloroethane	3.67	63	407194	51.682	ug/l	98
25) 2-Butanone	4.64	43	852599	240.107	ug/l	99
26) 2,2-Dichloropropane	4.55	77	317810	49.576	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	243228	48.816	ug/l	100
28) Bromochloromethane	4.98	49	182045	47.868	ug/l	96
29) Tetrahydrofuran	5.09	42	545288	241.231	ug/l	97
30) Chloroform	5.18	83	434687	53.282	ug/l	98
31) Cyclohexane	5.54	56	317876	47.896	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	400773	53.531	ug/l	100
36) 1,1-Dichloropropene	5.77	75	301510	53.041	ug/l	99
37) Ethyl Acetate	4.79	43	334056	50.598	ug/l	99
38) Carbon Tetrachloride	5.75	117	370035	57.763	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	317608	51.097	ug/l	96
40) Benzene	6.11	78	867520	51.938	ug/l	100
41) Methacrylonitrile	5.01	41	181687	50.120	ug/l	97
42) 1,2-Dichloroethane	6.16	62	368168	57.530	ug/l	97
43) Isopropyl Acetate	6.41	43	554372	51.987	ug/l	99
44) Trichloroethene	7.19	130	246275	52.181	ug/l	99
45) 1,2-Dichloropropane	7.49	63	238021	52.873	ug/l	98
46) Dibromomethane	7.64	93	168325	53.171	ug/l	99
47) Bromodichloromethane	7.88	83	352262	55.729	ug/l	100
48) Methyl methacrylate	7.74	41	276489	52.084	ug/l	98
49) 1,4-Dioxane	7.71	88	95267	990.732	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1737225	263.733	ug/l	100
52) Toluene	8.77	92	557241	52.613	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	375583	53.612	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	394839	53.204	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	241651	53.496	ug/l	97
56) Ethyl methacrylate	9.16	69	357469	53.233	ug/l	98
57) 1,3-Dichloropropane	9.35	76	393221	52.778	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	605744	200.523	ug/l	99
59) 2-Hexanone	9.48	43	1345756	268.684	ug/l	99
60) Dibromochloromethane	9.57	129	299088	56.442	ug/l	100
61) 1,2-Dibromoethane	9.65	107	258588	52.729	ug/l	100
64) Tetrachloroethene	9.32	164	224193	50.663	ug/l	96
65) Chlorobenzene	10.12	112	622339	51.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	257759	54.378	ug/l	99
67) Ethyl Benzene	10.24	91	1092372	53.410	ug/l	100
68) m/p-Xylenes	10.34	106	837232	109.673	ug/l	99
69) o-Xylene	10.68	106	404055	54.600	ug/l	99
70) Styrene	10.70	104	696594	55.274	ug/l	98
71) Bromoform	10.84	173	232765	57.570	ug/l #	99
73) Isopropylbenzene	11.00	105	1107214	50.163	ug/l	99
74) N-amyl acetate	10.88	43	505004	48.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	372571	47.849	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	351668m	47.242	ug/l	
77) Bromobenzene	11.24	156	299964	49.164	ug/l	96
78) n-propylbenzene	11.34	91	1287795	51.384	ug/l	99
79) 2-Chlorotoluene	11.40	91	780339	50.396	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	961939	53.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	125221	45.433	ug/l	95
82) 4-Chlorotoluene	11.49	91	942220	51.187	ug/l	100
83) tert-Butylbenzene	11.76	119	936816	52.336	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	994325	53.619	ug/l	98
85) sec-Butylbenzene	11.93	105	1078349	52.975	ug/l	99
86) p-Isopropyltoluene	12.05	119	1025680	54.855	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	534749	49.920	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	536633	50.033	ug/l	97
89) n-Butylbenzene	12.37	91	891847	52.258	ug/l	99
90) Hexachloroethane	12.58	117	204242	55.519	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	502893	49.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	95426	49.014	ug/l	95

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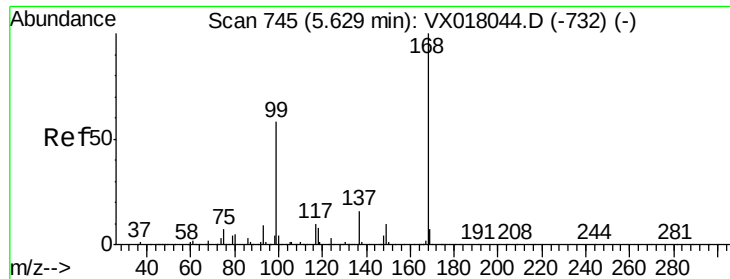
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	343266	51.051	ug/l	96
94) Hexachlorobutadiene	13.76	225	143822	54.228	ug/l	96
95) Naphthalene	13.82	128	1106830	50.017	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	340065	51.184	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 399414

Ion Ratio Lower Upper

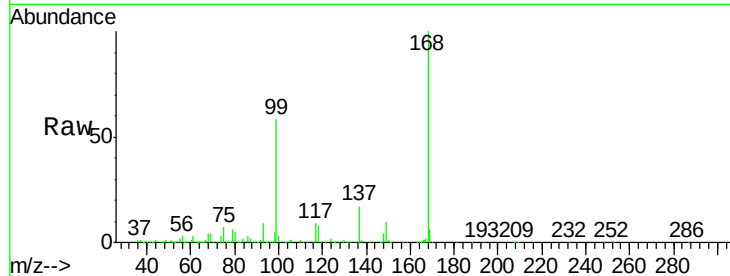
168 100

99 57.3 46.3 69.5

Manual Integrations
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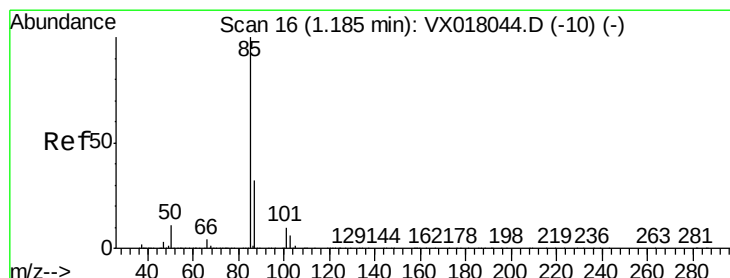
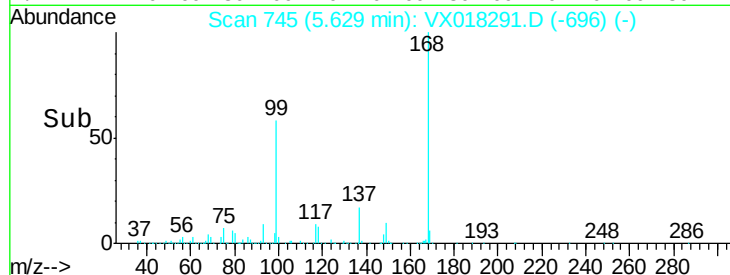
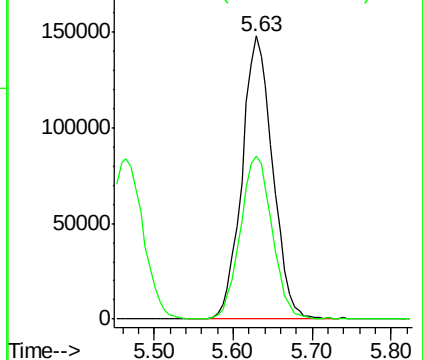
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.827 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018291.D

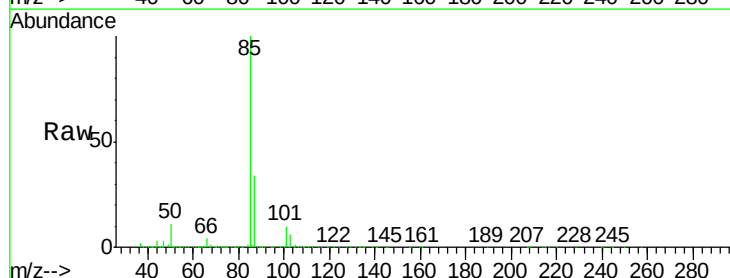
Acq: 08 Sep 2020 21:43

Tgt Ion: 85 Resp: 237445

Ion Ratio Lower Upper

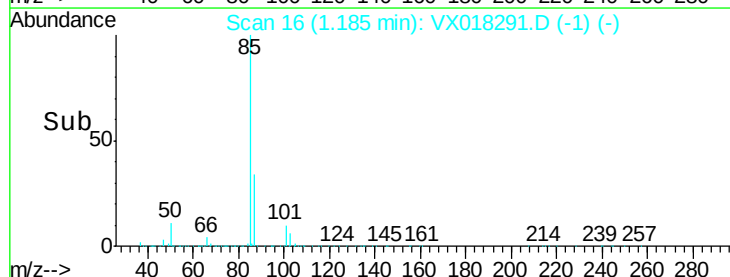
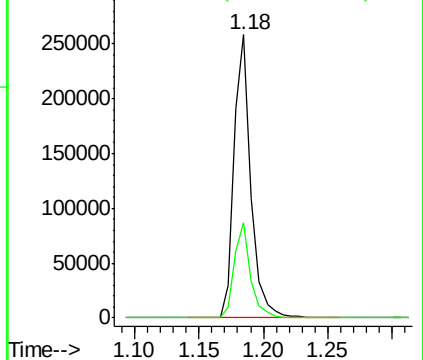
85 100

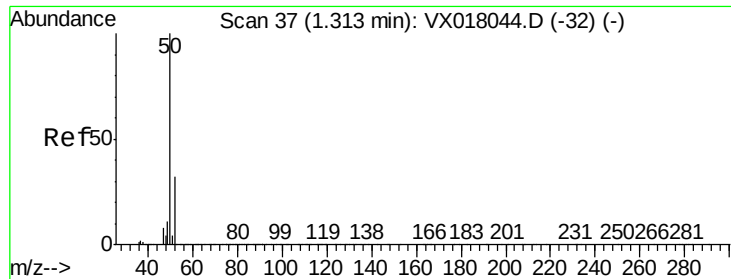
87 33.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.497 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 223005

Ion Ratio Lower Upper

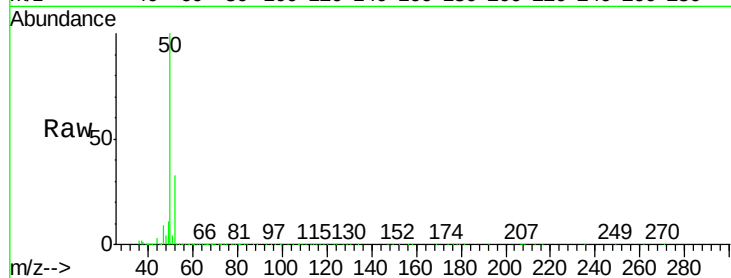
50 100

52 32.9 25.4 38.2

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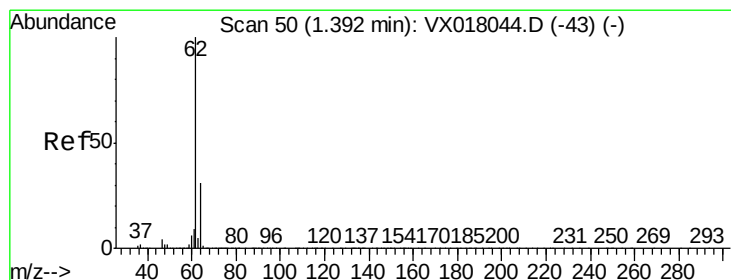
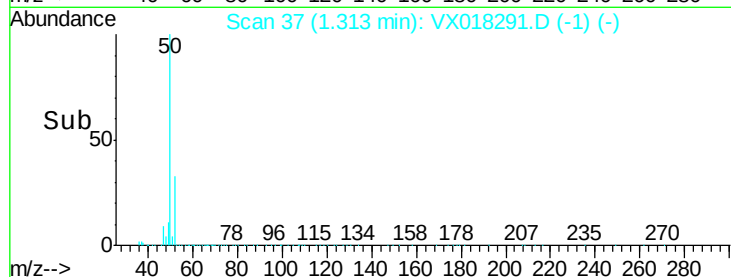
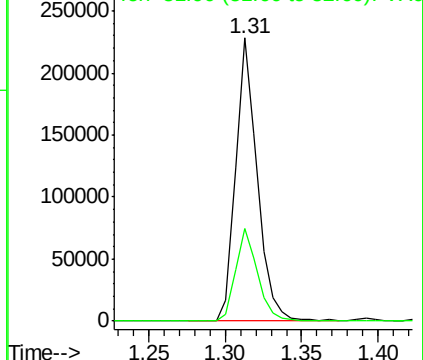
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.962 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018291.D

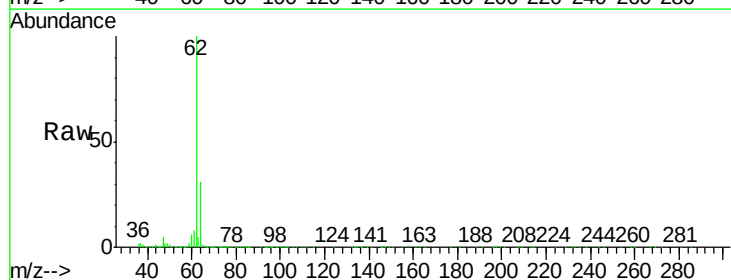
Acq: 08 Sep 2020 21:43

Tgt Ion: 62 Resp: 234574

Ion Ratio Lower Upper

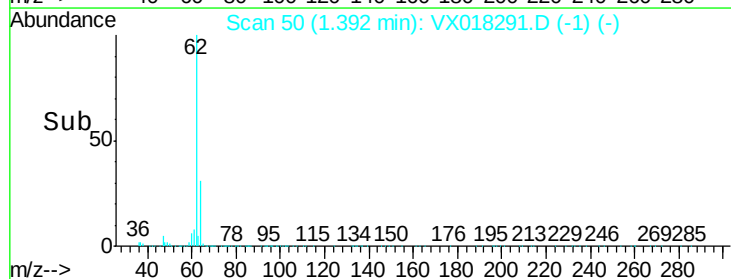
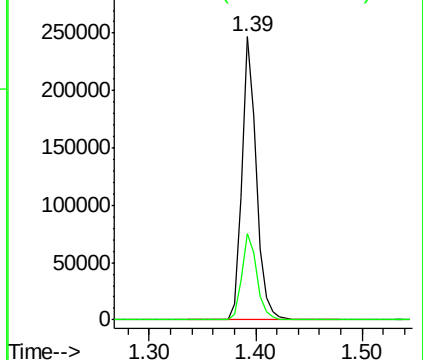
62 100

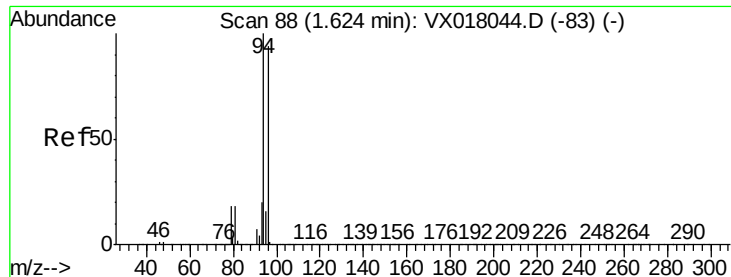
64 30.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.089 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 142995

Ion Ratio Lower Upper

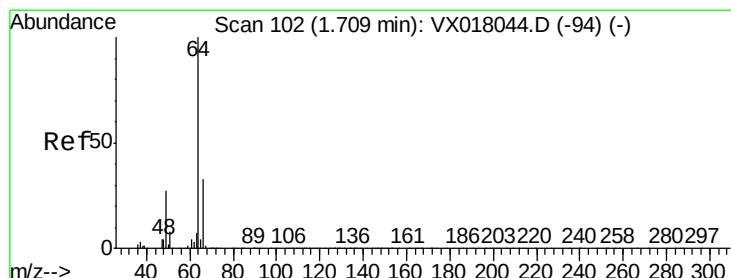
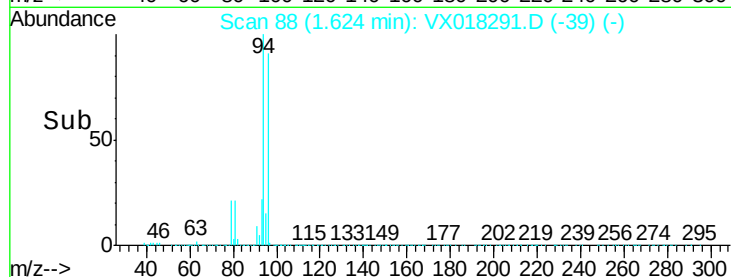
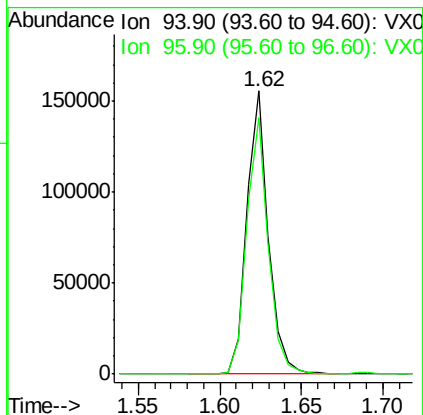
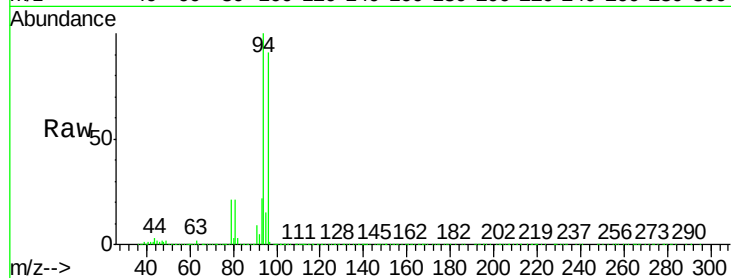
94 100

96 90.6 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 50.787 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018291.D

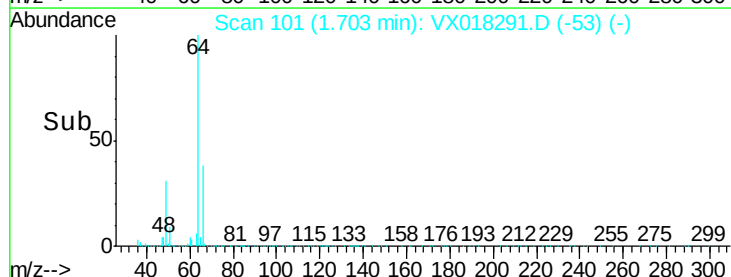
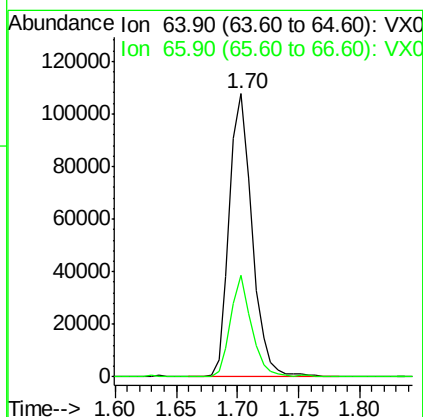
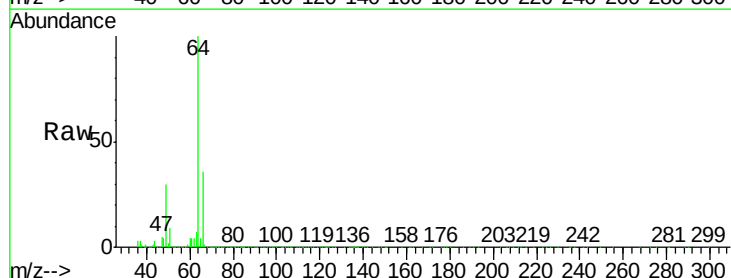
Acq: 08 Sep 2020 21:43

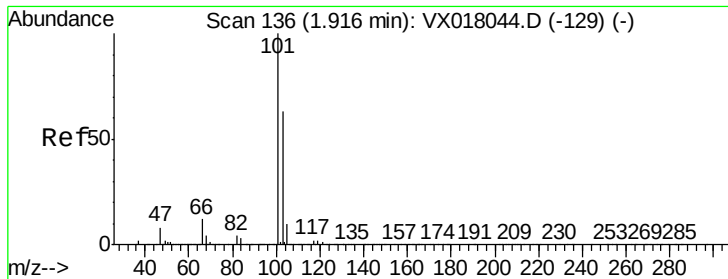
Tgt Ion: 64 Resp: 139214

Ion Ratio Lower Upper

64 100

66 35.6 26.6 39.8





#7

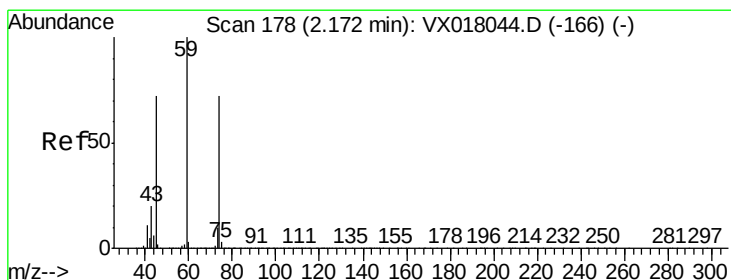
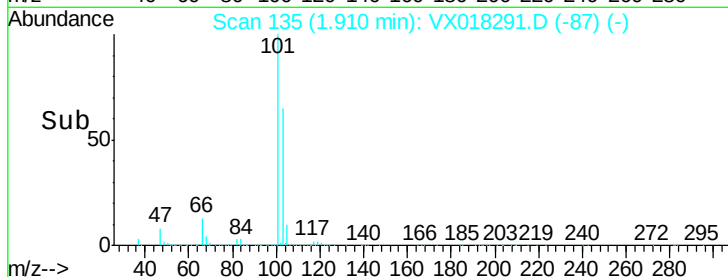
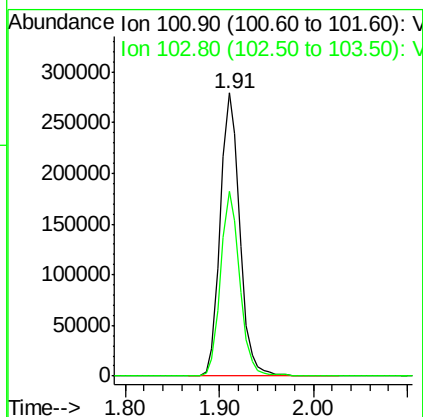
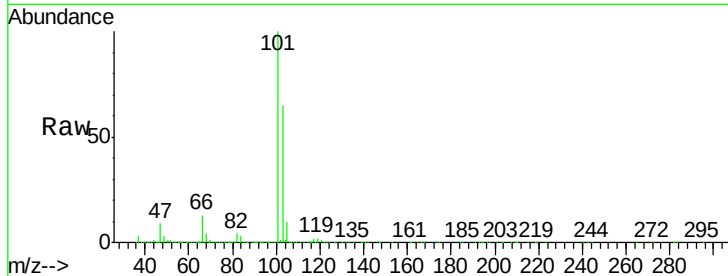
Trichlorofluoromethane
Concen: 57.848 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.1	50.7	76.1

Manual Integrations
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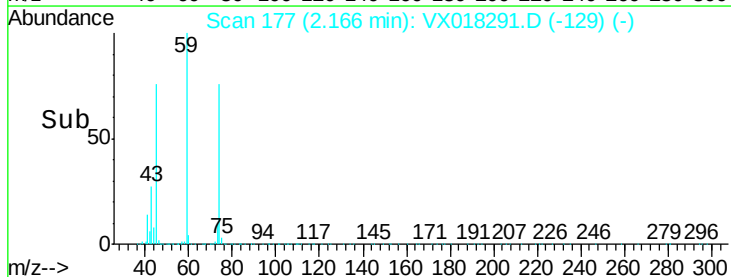
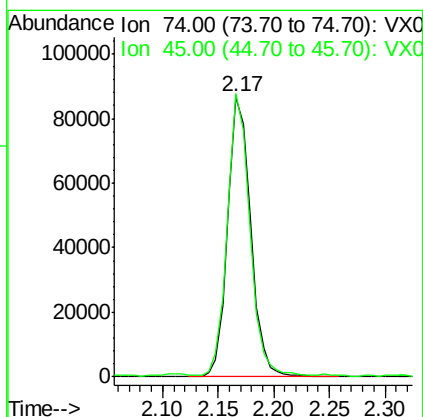
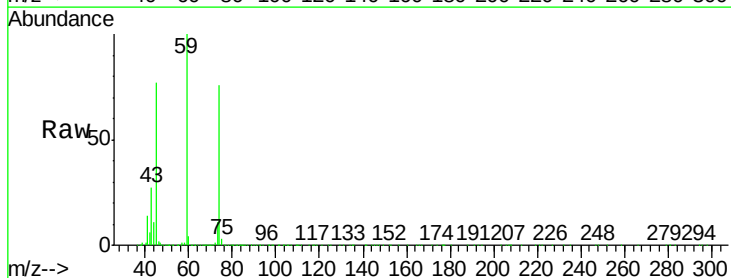
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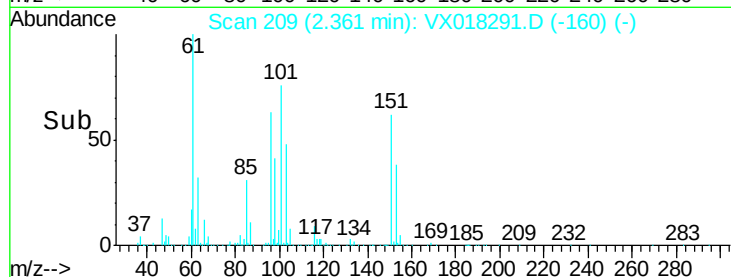
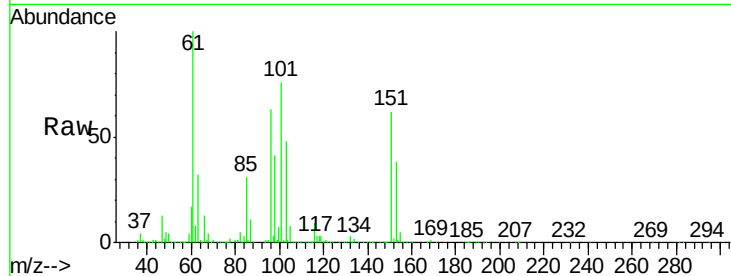
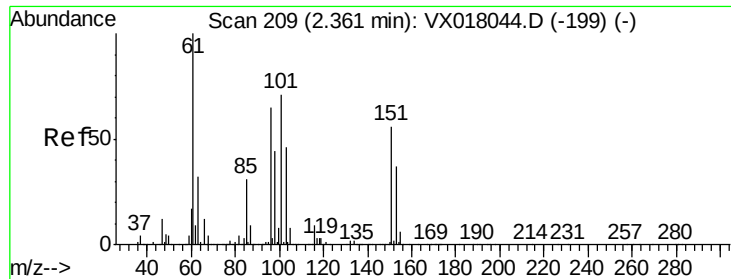


#8

Diethyl Ether
Concen: 53.082 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	50.7	152.3





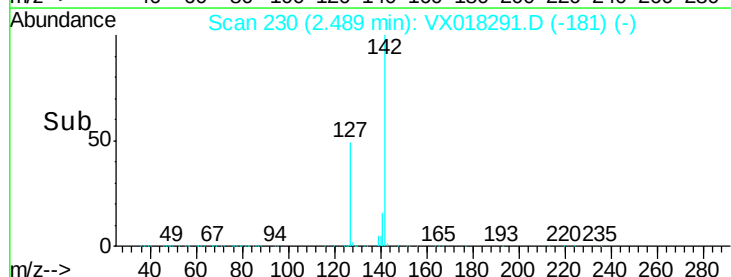
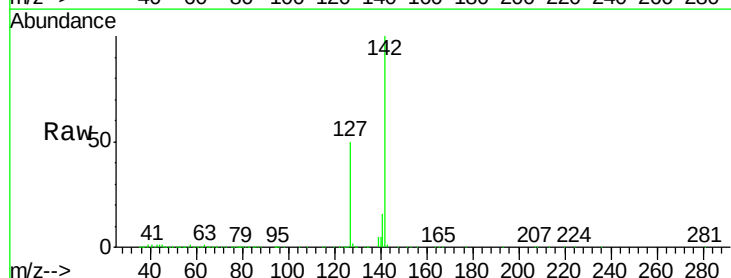
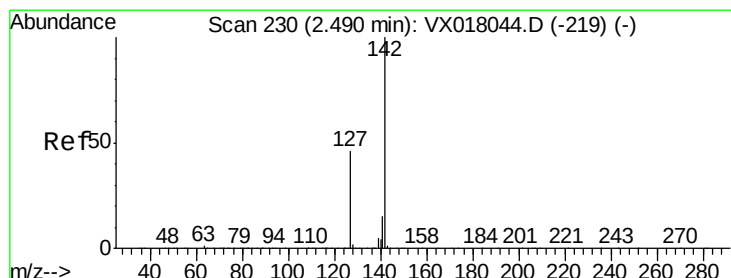
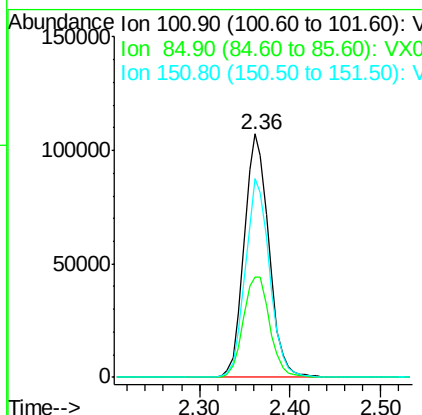
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.704 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	202051		
85	44.3	34.0	51.0	
151	80.7	65.2	97.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

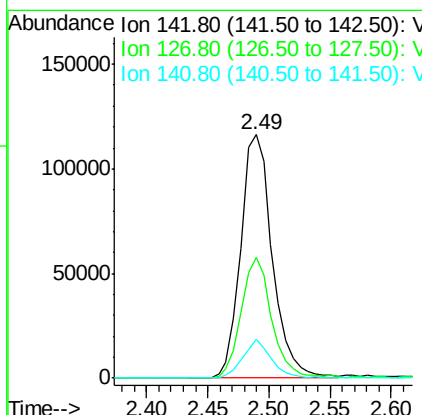
Manual Integrations
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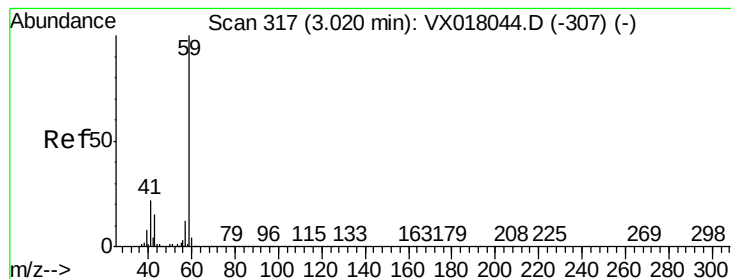
MMDadoda
9/9/2020 8:48:09 PM



#10
Methyl Iodide
Concen: 51.740 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	209096		
127	48.4	37.0	55.6	
141	14.5	11.5	17.3	





#11

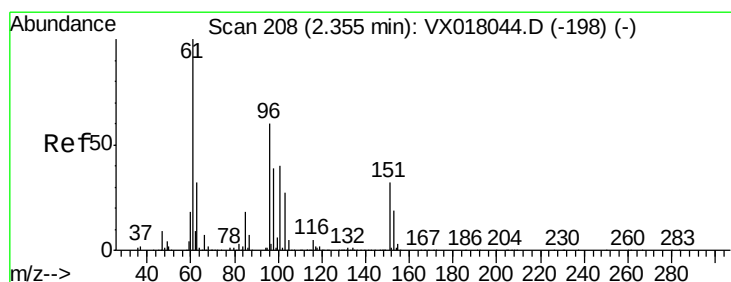
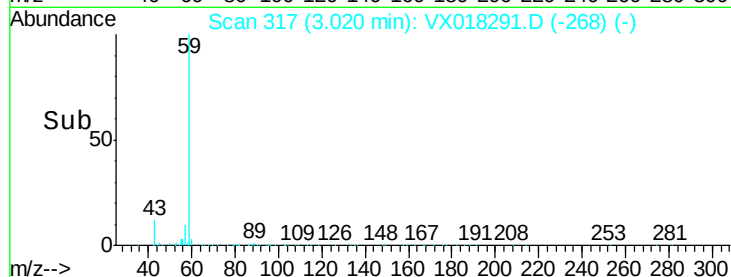
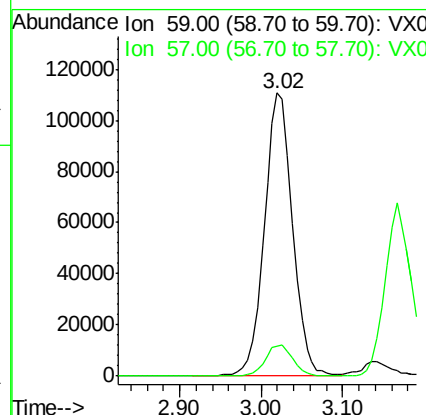
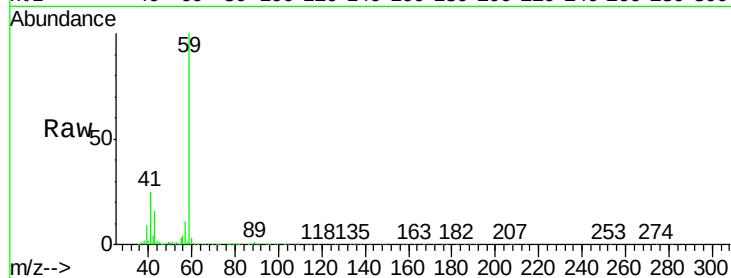
Tert butyl alcohol
Concen: 246.409 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.9	13.3

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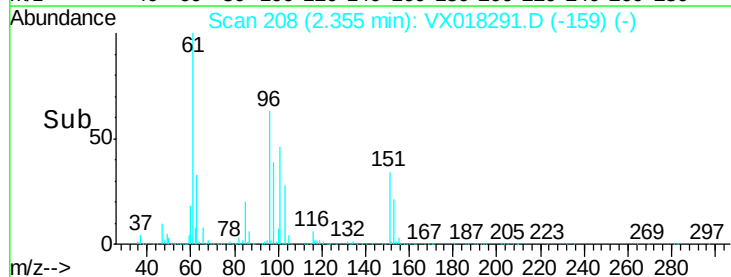
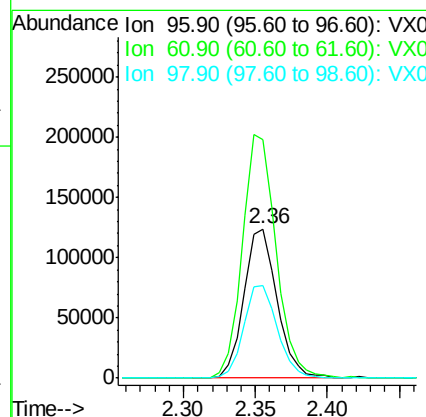
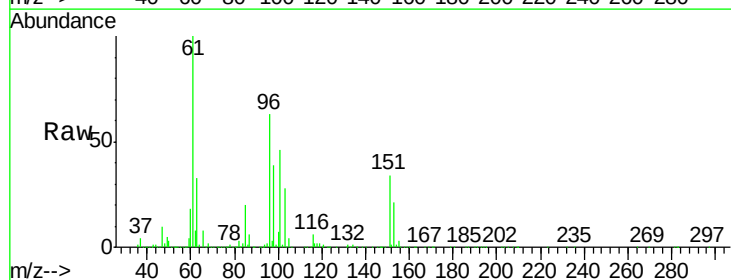
MMDadoda
9/9/2020 8:48:09 PM

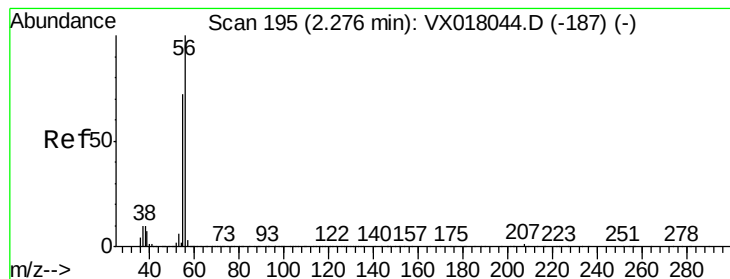


#12

1,1-Dichloroethene
Concen: 50.400 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.4	133.0	199.4
98	61.9	51.6	77.4





#13

Acrolein

Concen: 212.297 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 94905

Ion Ratio Lower Upper

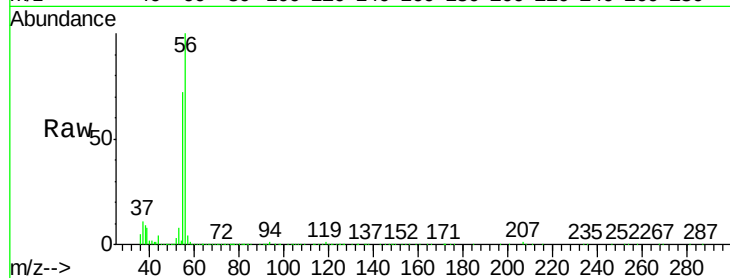
56 100

55 72.8 57.0 85.6

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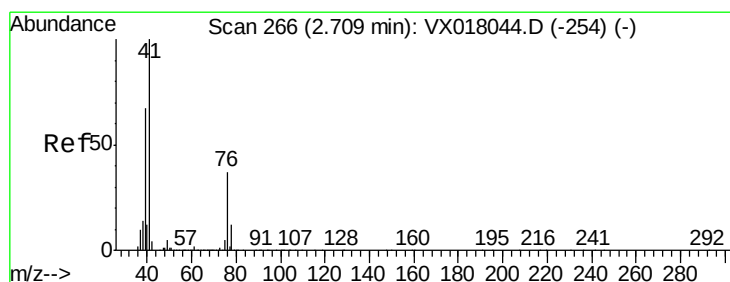
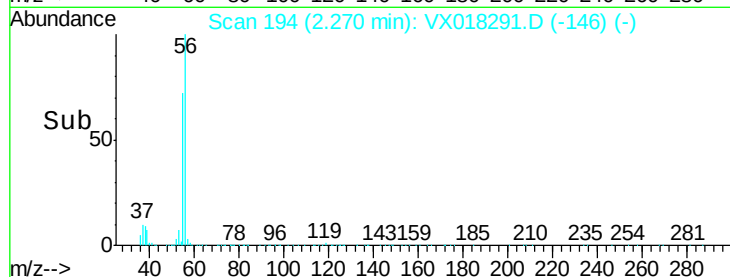
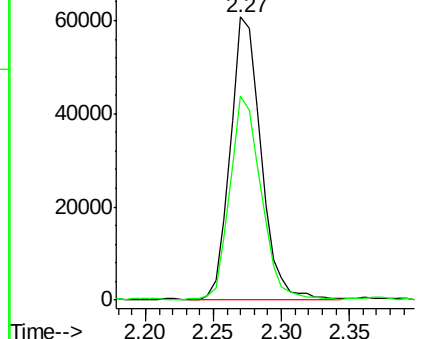
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.391 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

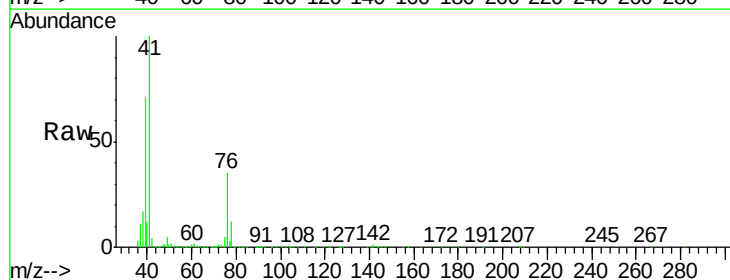
Tgt Ion: 41 Resp: 346364

Ion Ratio Lower Upper

41 100

39 67.0 50.6 76.0

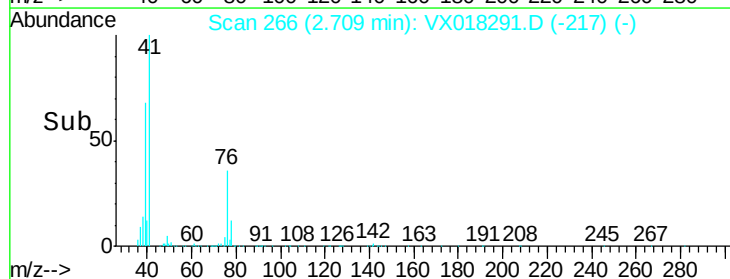
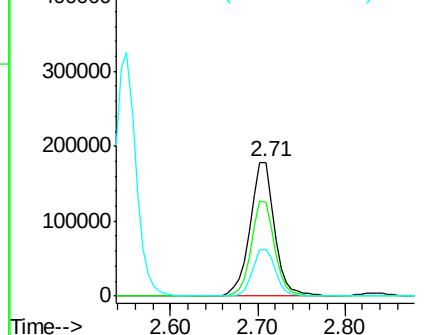
76 32.7 26.2 39.2

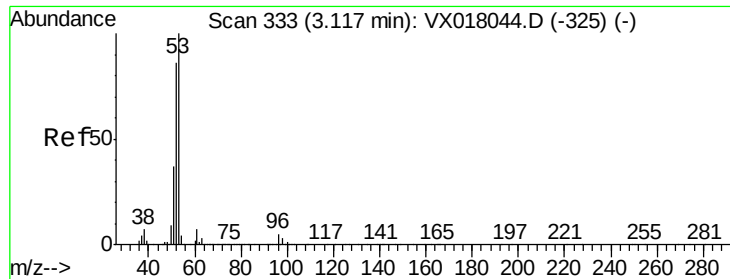


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





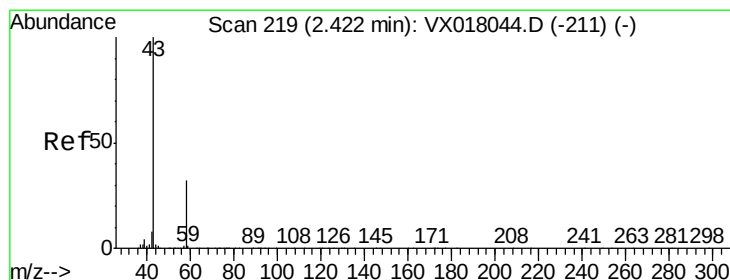
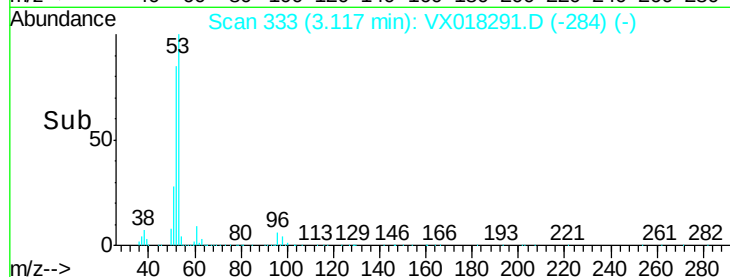
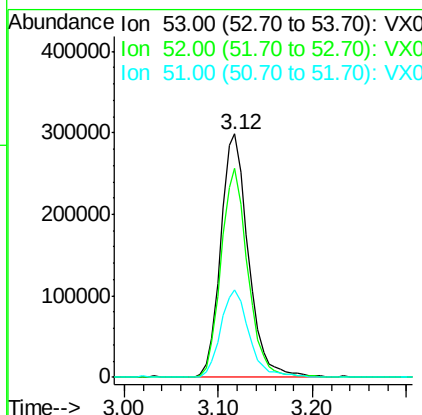
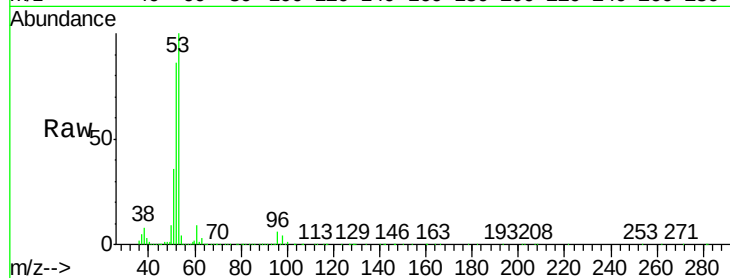
#15
Acrylonitrile
Concen: 248.645 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	36.7	28.7	43.1

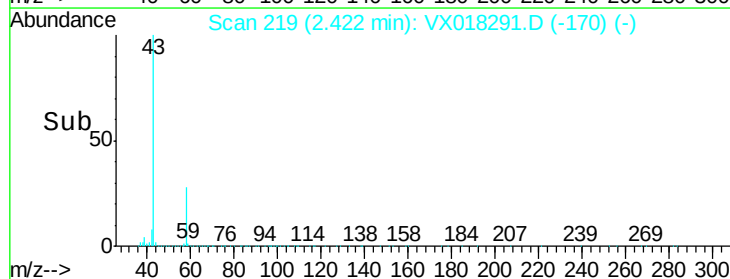
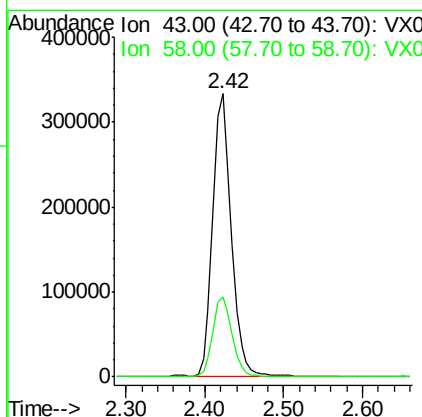
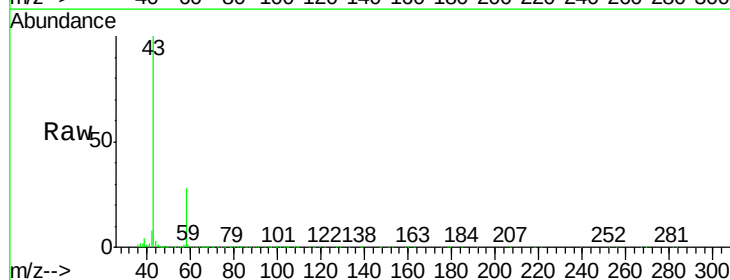
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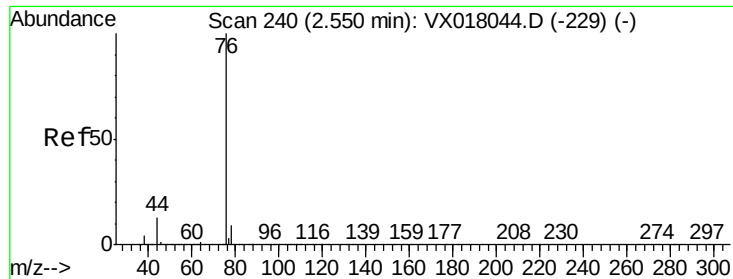
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#16
Acetone
Concen: 254.415 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.1	25.5	38.3





#17

Carbon Disulfide

Concen: 44.913 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 529959

Ion Ratio Lower Upper

76 100

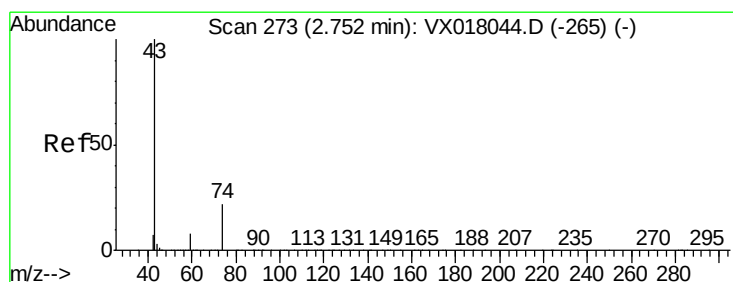
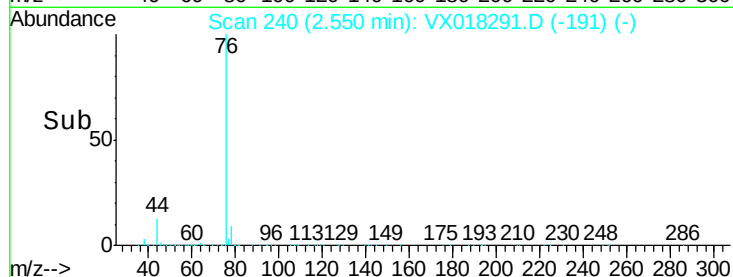
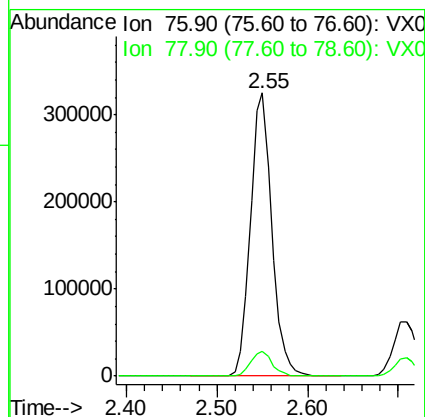
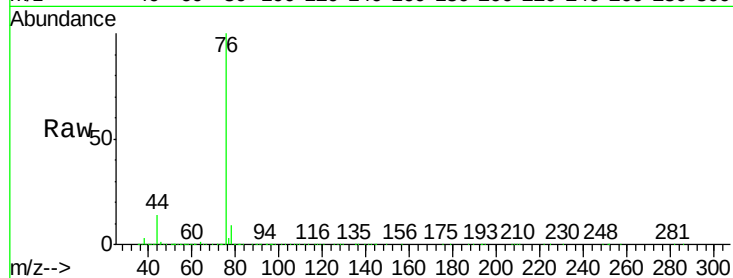
78 8.8 7.4 11.0

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#18

Methyl Acetate

Concen: 56.771 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018291.D

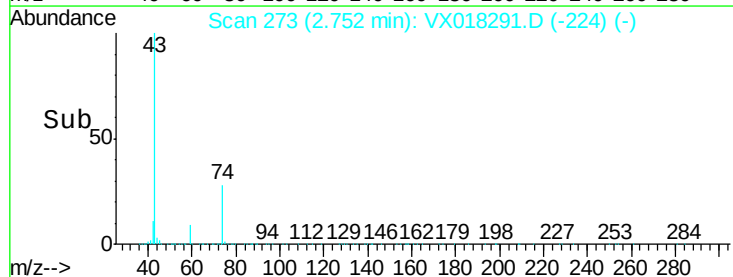
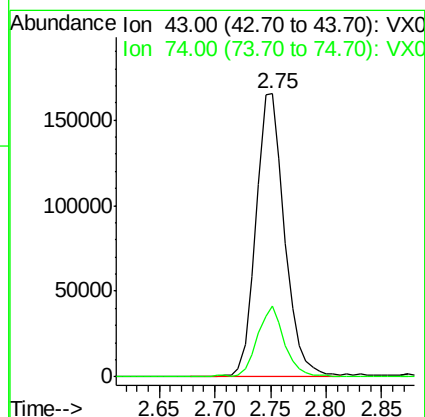
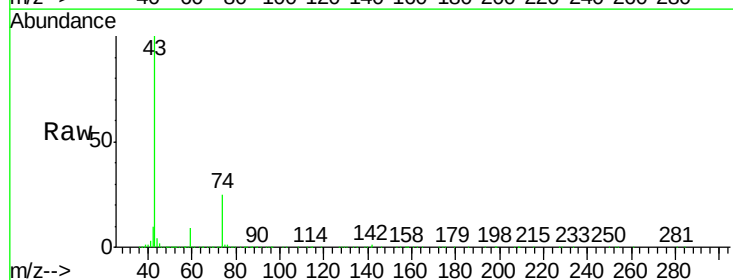
Acq: 08 Sep 2020 21:43

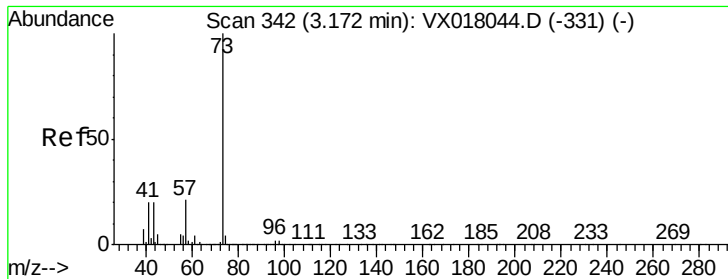
Tgt Ion: 43 Resp: 295996

Ion Ratio Lower Upper

43 100

74 24.1 18.2 27.4





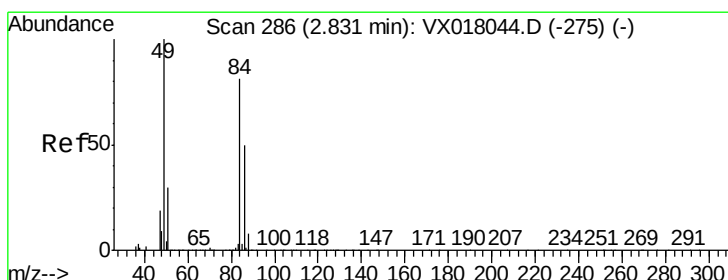
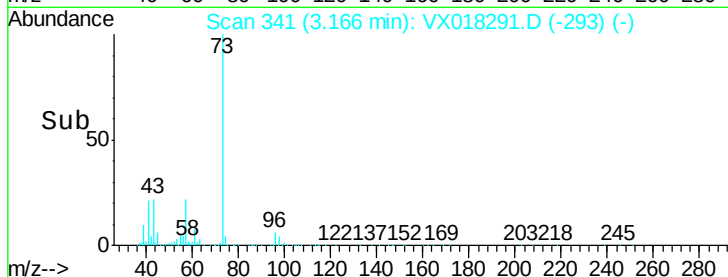
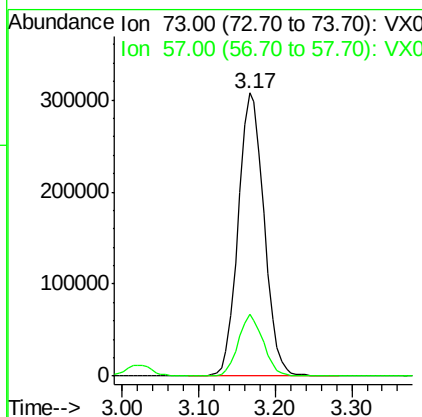
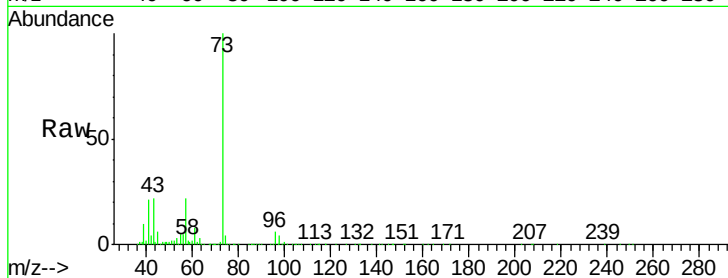
#19
Methyl tert-butyl Ether
Concen: 53.715 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

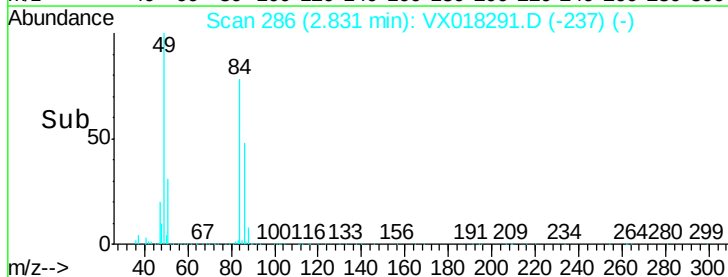
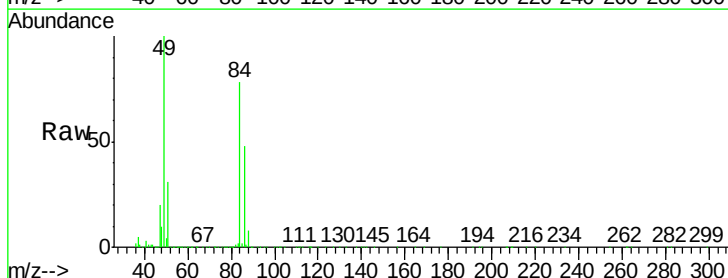
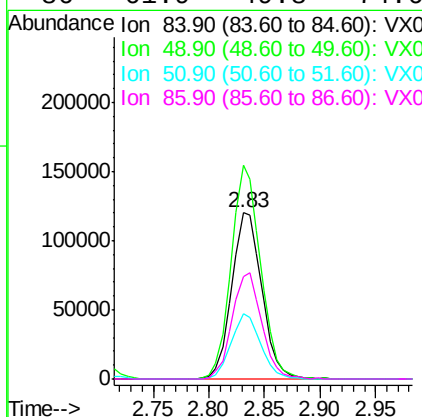
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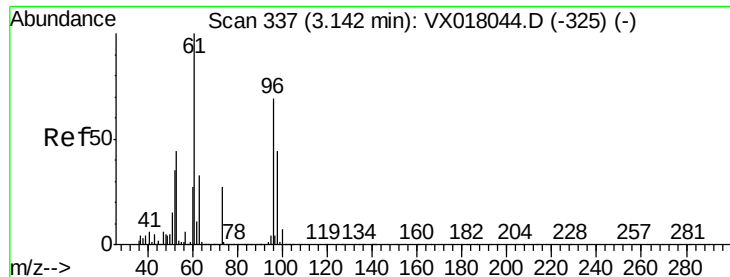
MMDadoda
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#20
Methylene Chloride
Concen: 51.091 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.6	98.6	148.0
51	39.3	29.6	44.4
86	61.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 49.843 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

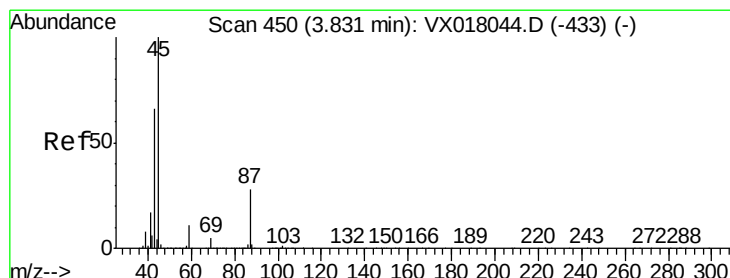
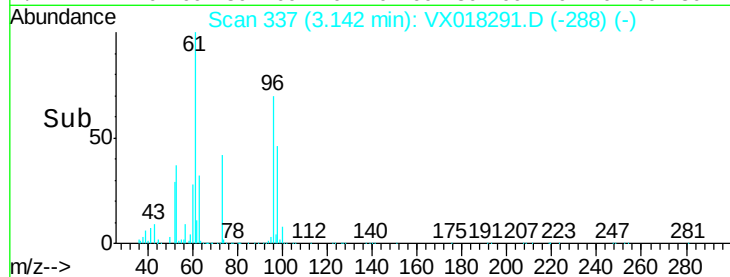
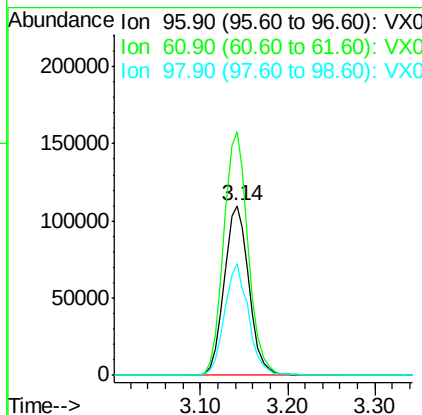
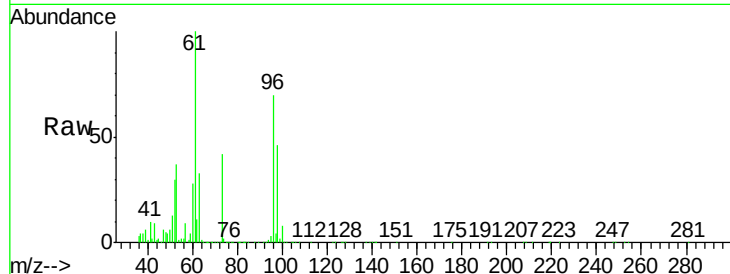
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	21544
Ion	Ratio	Lower	Upper
96	100		
61	143.4	115.4	173.0
98	66.0	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.173 ug/l

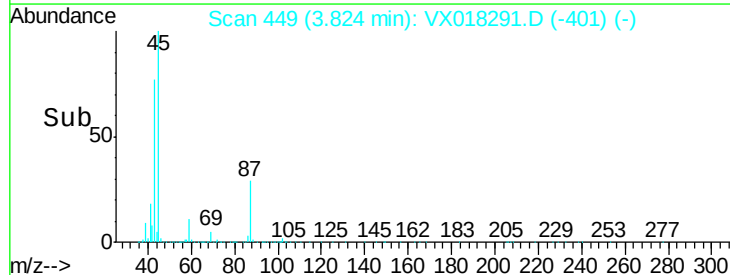
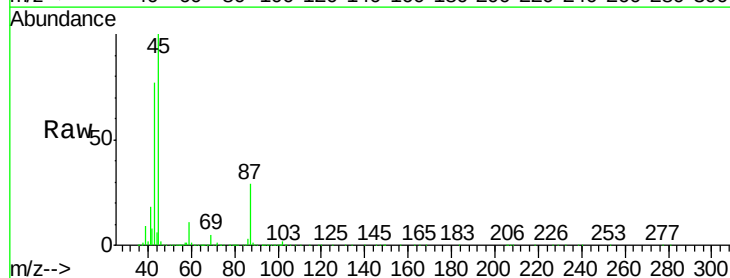
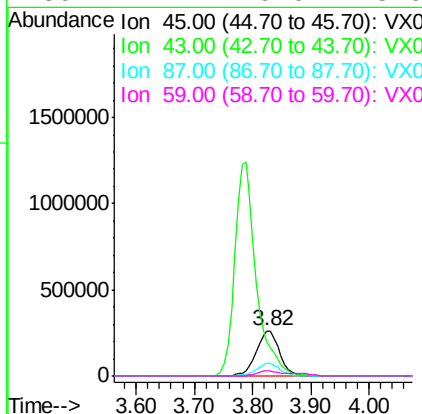
RT: 3.82 min Scan# 449

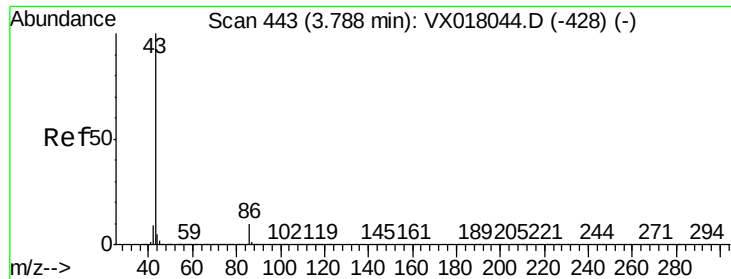
Delta R.T. -0.01 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Tgt Ion:	45	Resp:	722125
Ion	Ratio	Lower	Upper
45	100		
43	77.2	52.8	79.2
87	28.8	22.5	33.7
59	11.2	9.0	13.6





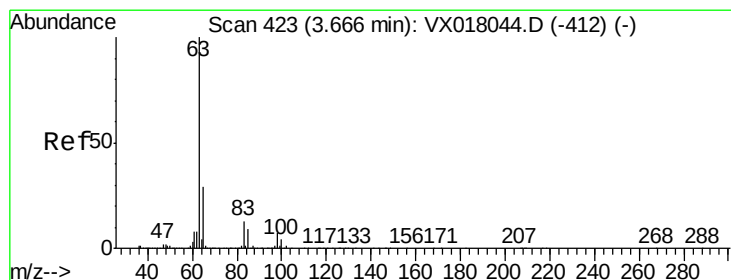
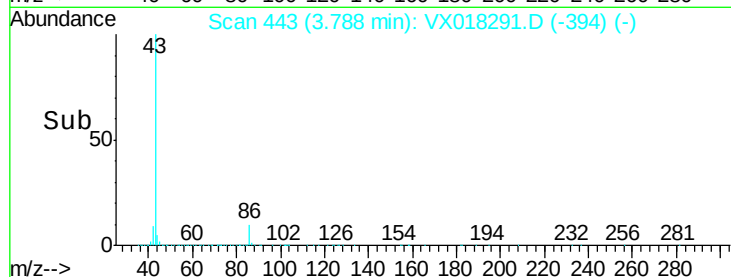
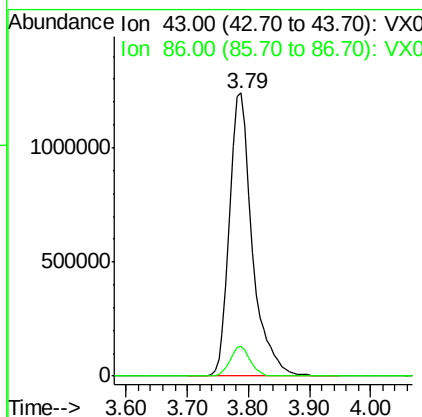
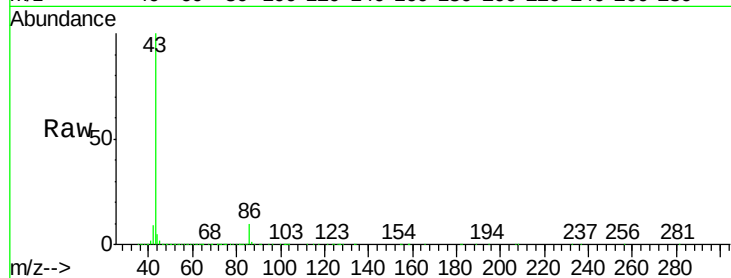
#23
 Vinyl Acetate
 Concen: 257.798 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 3174998
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.9 11.9

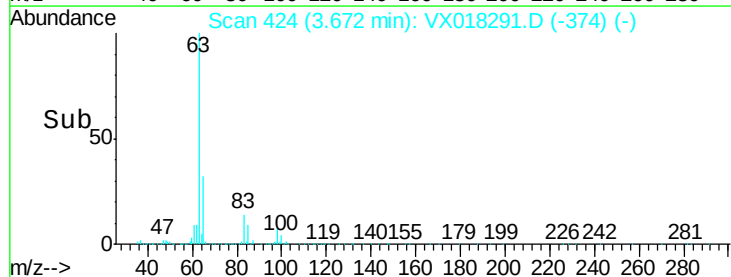
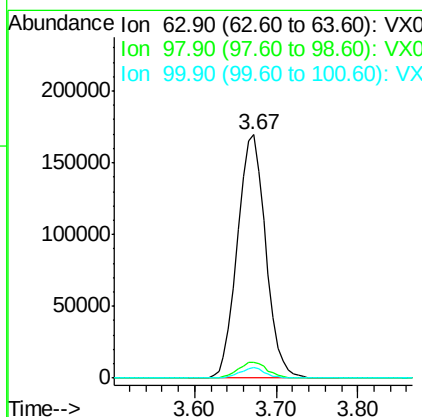
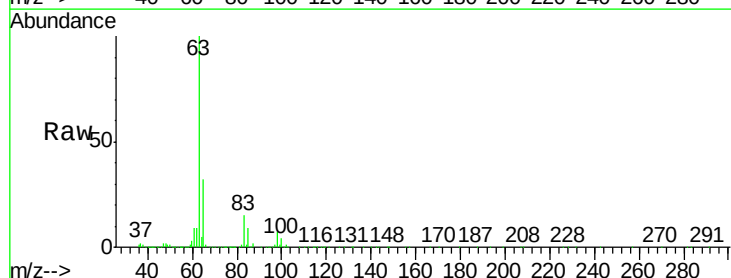
Manual Integrations
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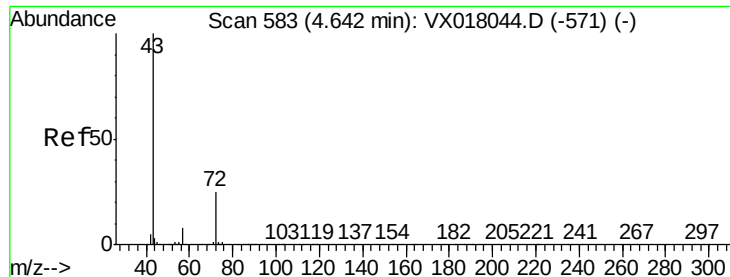
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#24
 1,1-Dichloroethane
 Concen: 51.682 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion: 63 Resp: 407194
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 240.107 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 852599

Ion Ratio Lower Upper

43 100

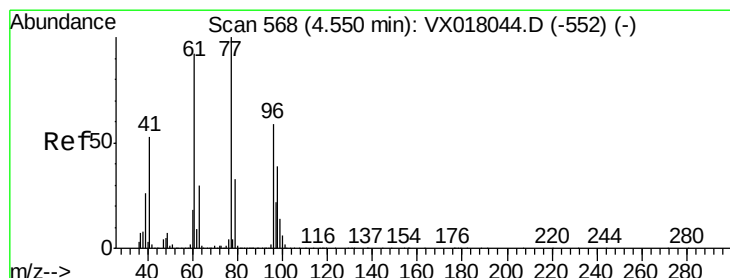
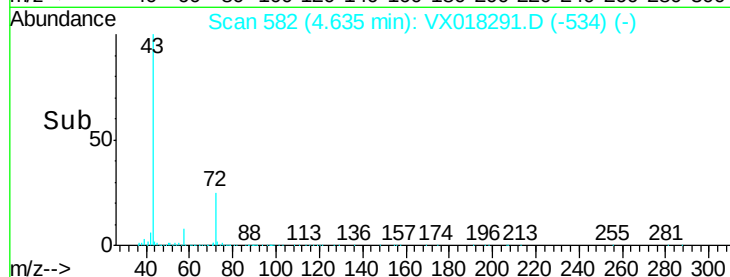
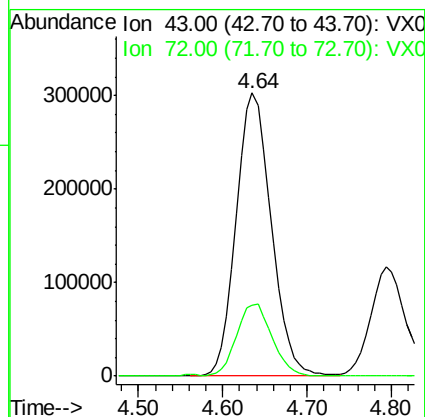
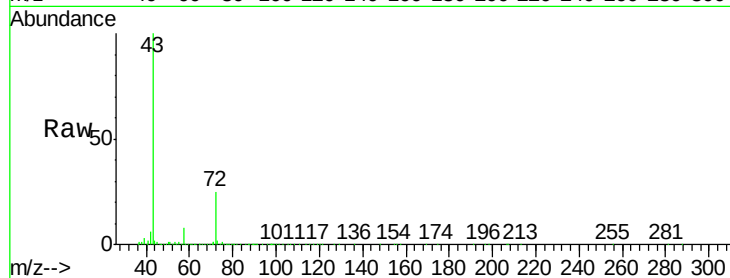
72 25.0 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.576 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018291.D

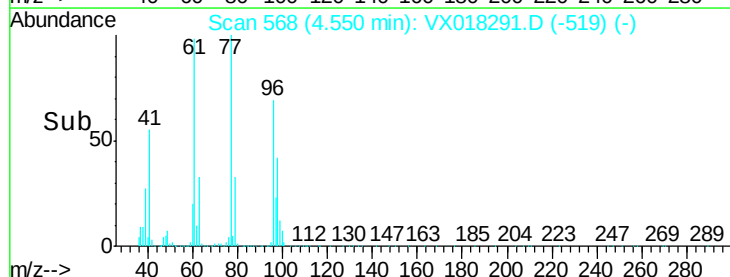
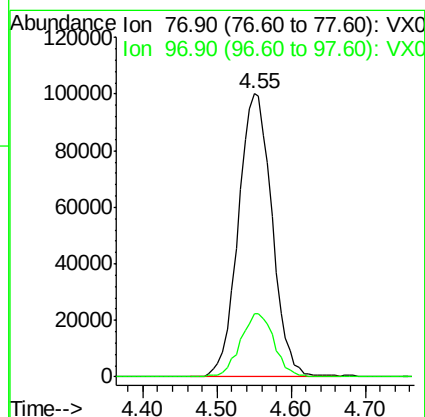
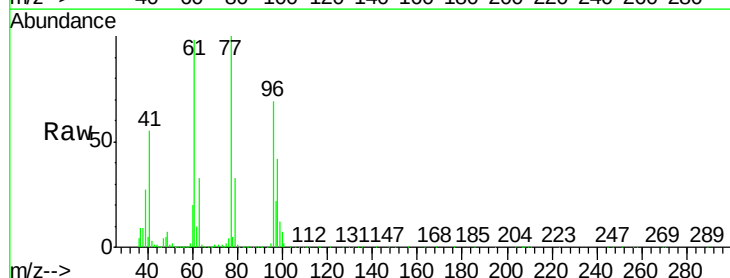
Acq: 08 Sep 2020 21:43

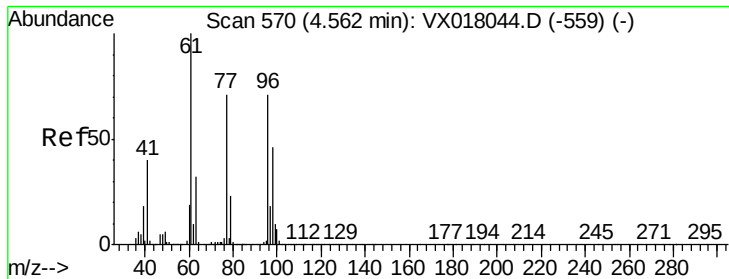
Tgt Ion: 77 Resp: 317810

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5





#27

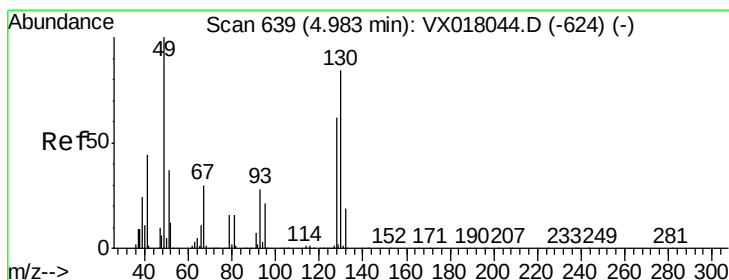
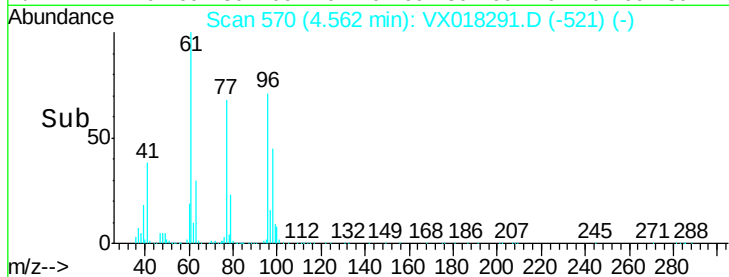
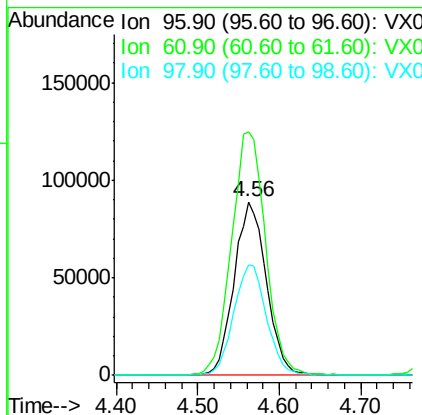
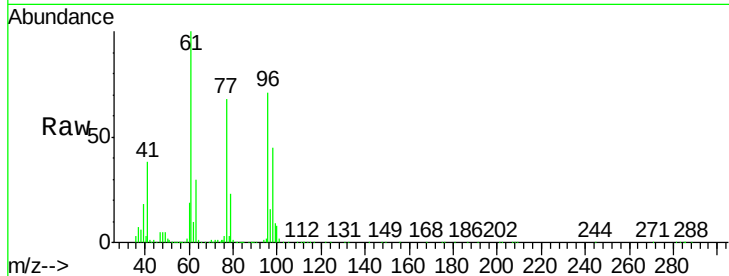
cis-1,2-Dichloroethene
Concen: 48.816 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	243228		
61	147.6	0.0	296.6	
98	64.9	0.0	130.2	

Manual Integrations
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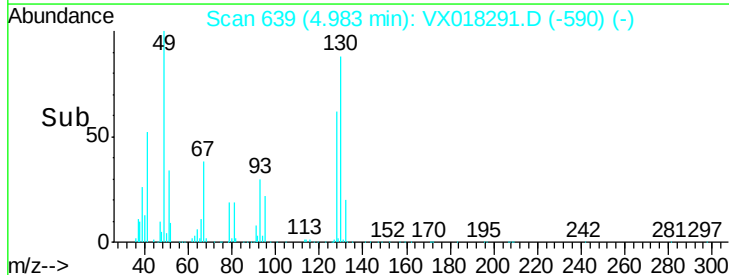
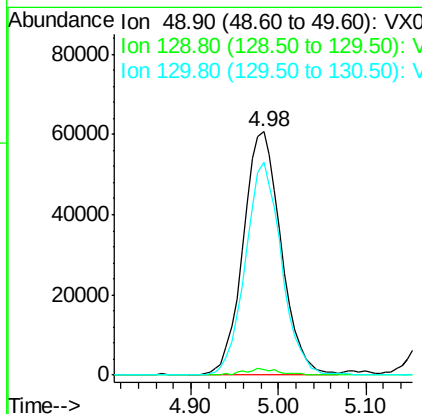
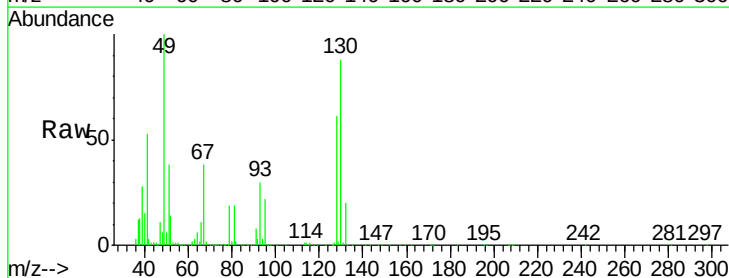
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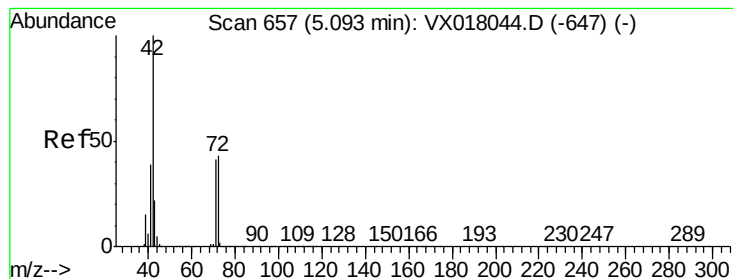


#28

Bromochloromethane
Concen: 47.868 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	182045		
129	2.5	0.0	4.6	
130	84.0	64.6	96.8	





#29

Tetrahydrofuran

Concen: 241.231 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

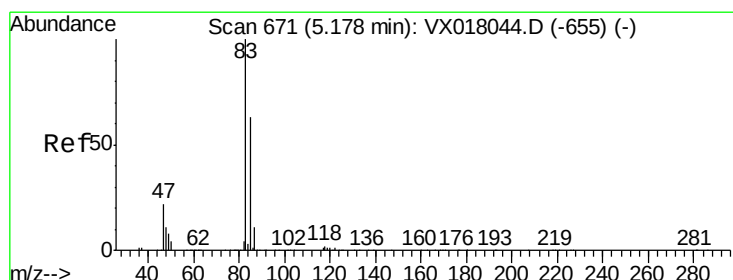
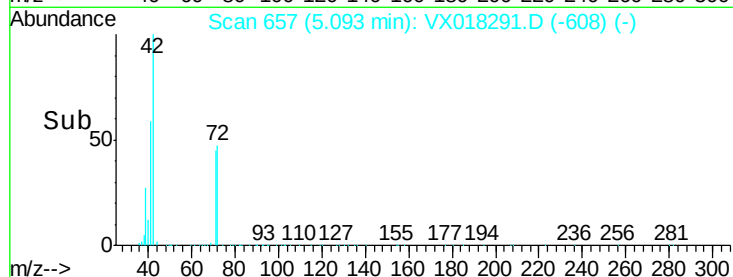
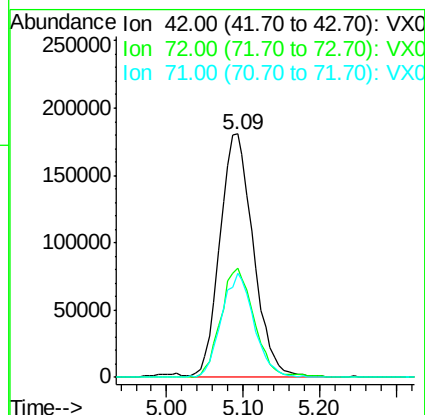
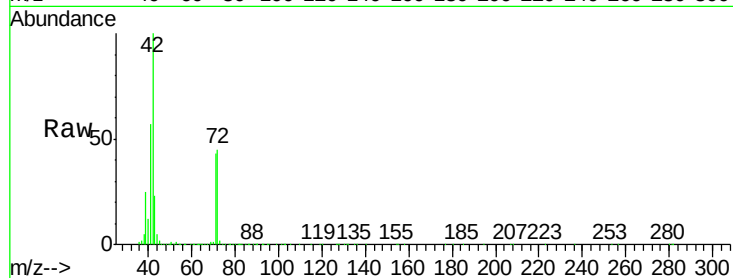
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.2	51.4
71	41.9	32.1	48.1

Manual Integrations
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#30

Chloroform

Concen: 53.282 ug/l

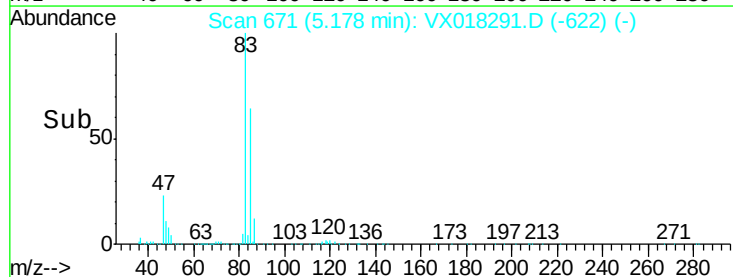
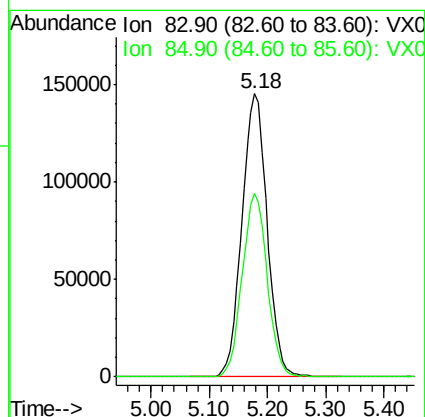
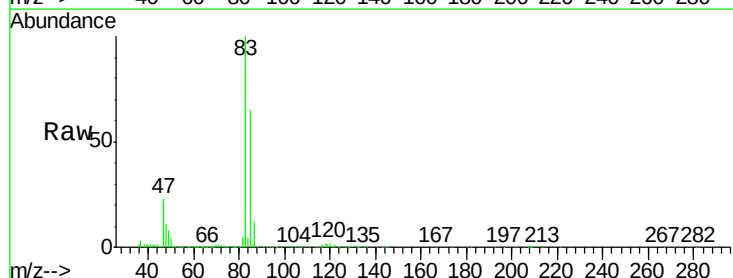
RT: 5.18 min Scan# 671

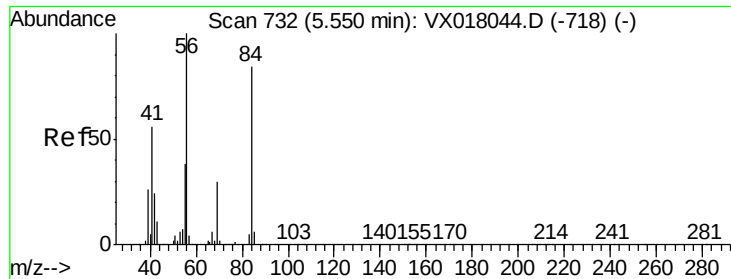
Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.7	76.1





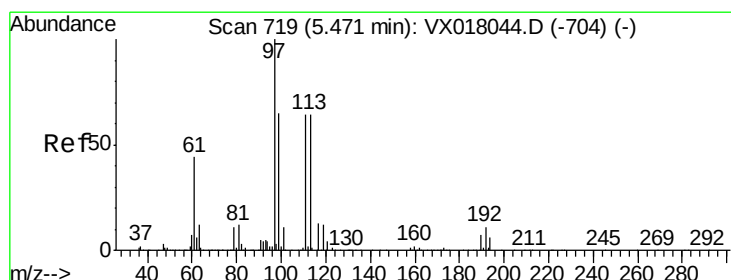
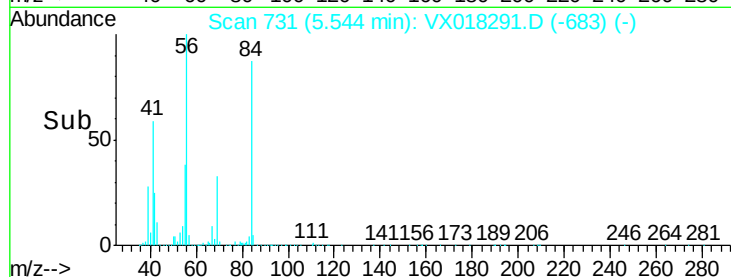
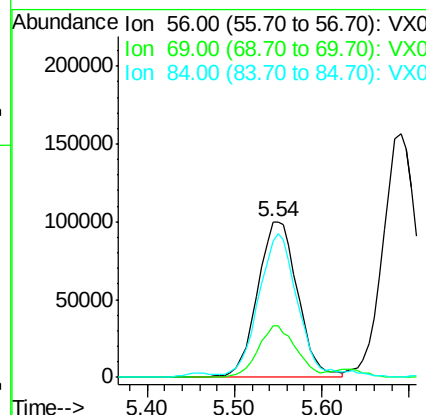
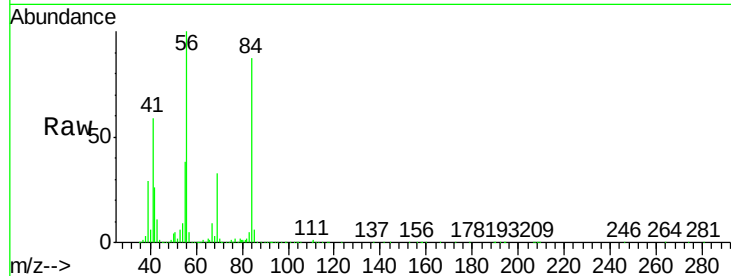
#31
Cyclohexane
Concen: 47.896 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.0	23.9	35.9
84	85.1	67.0	100.4

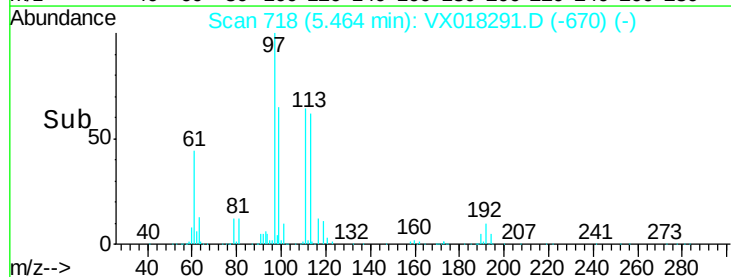
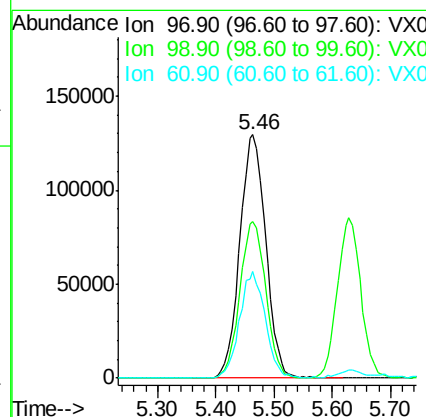
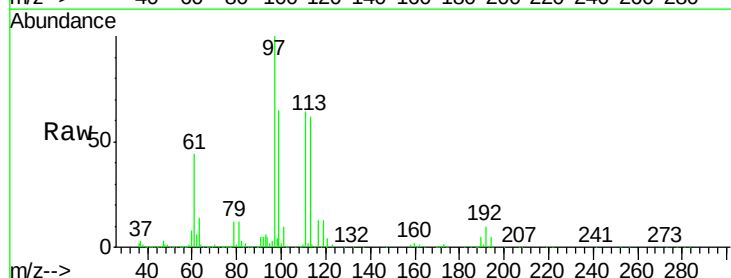
Manual Integrations
APPROVED

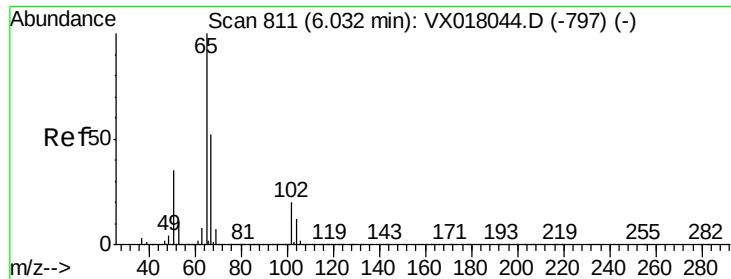
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#32
1,1,1-Trichloroethane
Concen: 53.531 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	43.2	34.2	51.4





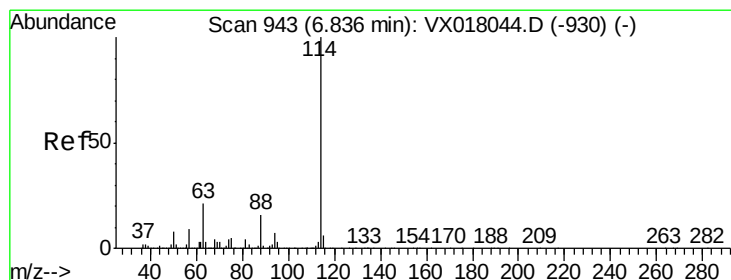
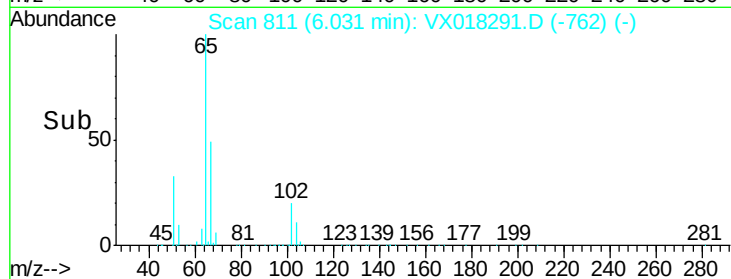
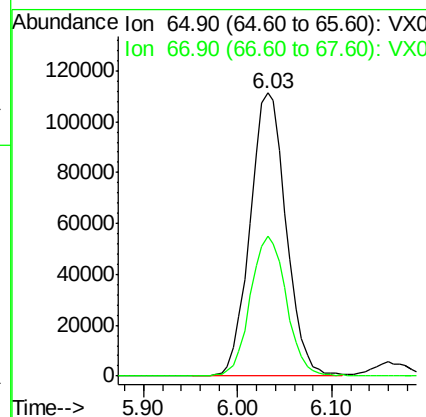
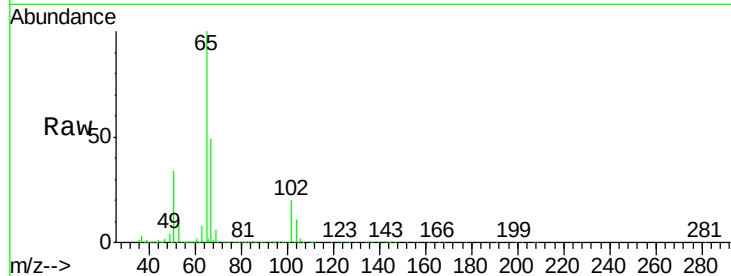
#33
 1,2-Dichloroethane-d4
 Concen: 53.580 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	297093		
67	49.3	0.0	105.8	

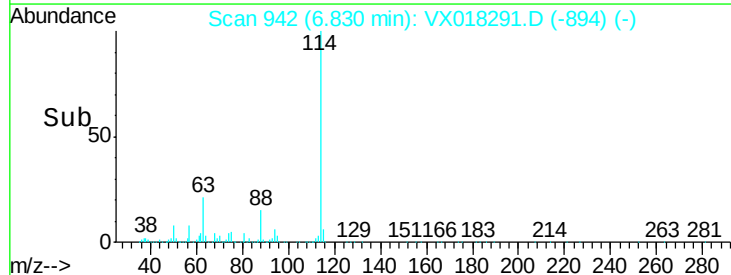
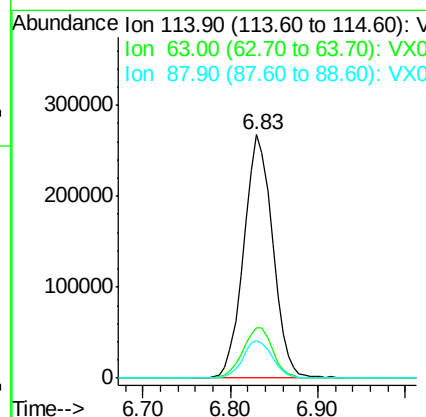
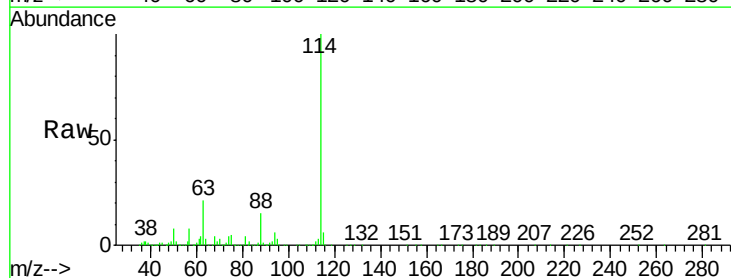
Manual Integrations
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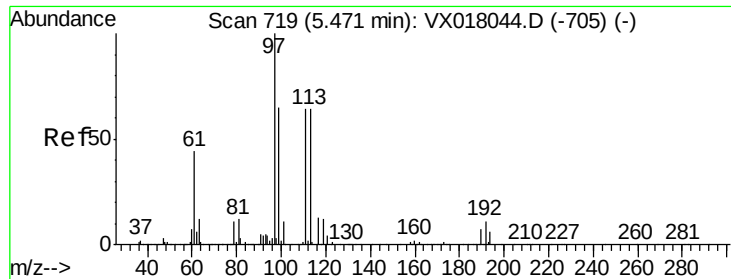
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	616302		
63	20.8	0.0	42.6	
88	15.2	0.0	31.8	





#35

Dibromofluoromethane

Concen: 55.113 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

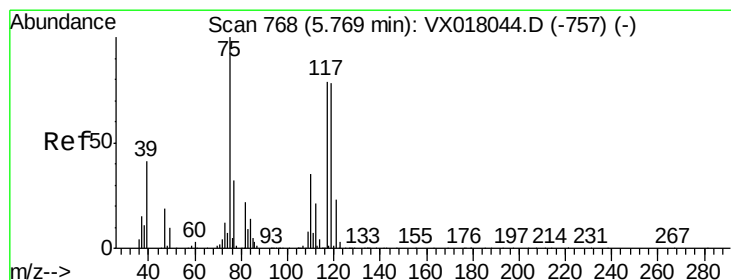
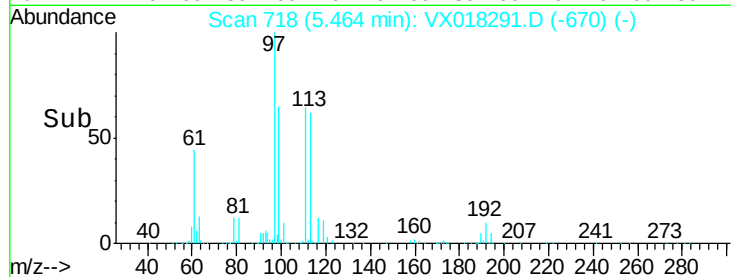
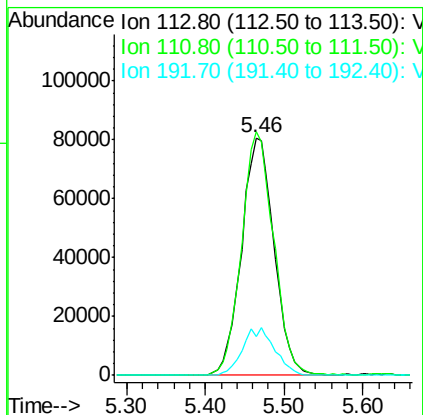
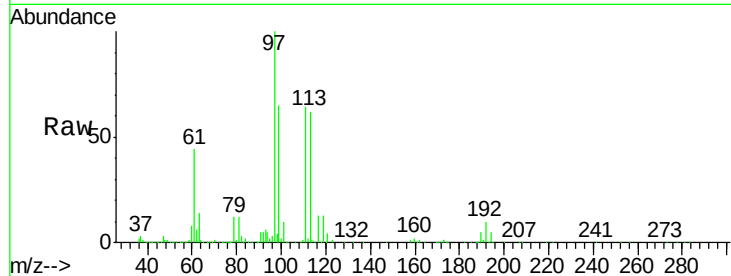
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	231326
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.6	122.4
192	20.1	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.041 ug/l

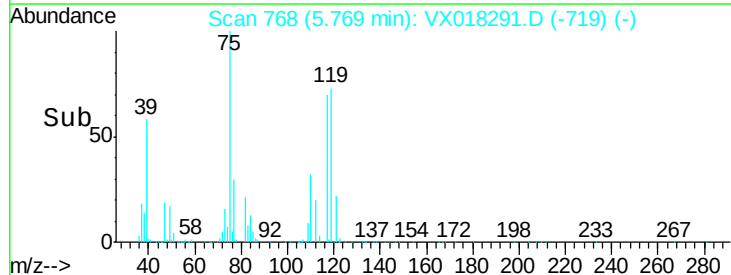
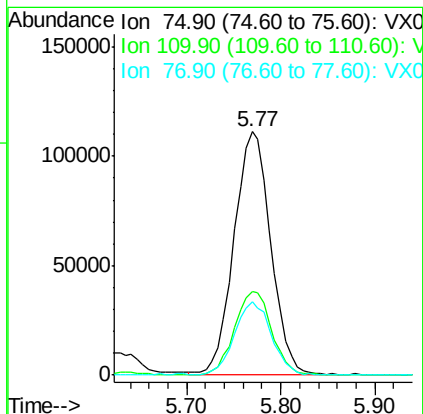
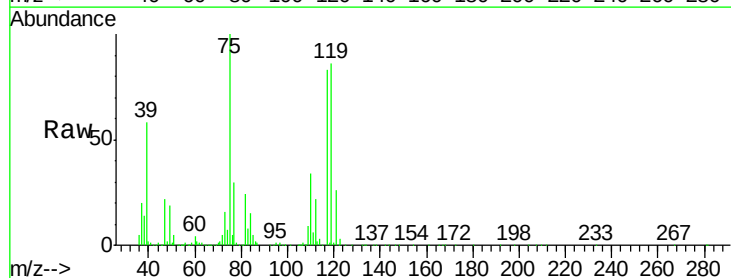
RT: 5.77 min Scan# 768

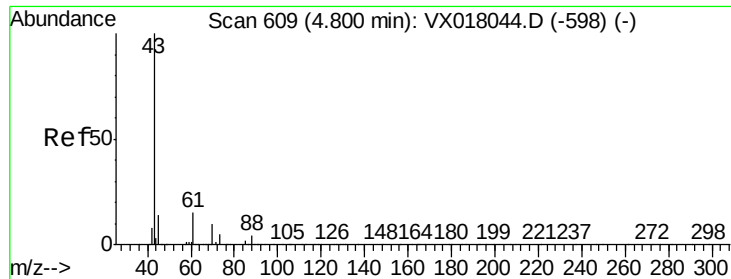
Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Tgt Ion:	75	Resp:	301510
Ion Ratio	Lower	Upper	
75	100		
110	35.0	18.0	54.0
77	30.2	24.4	36.6





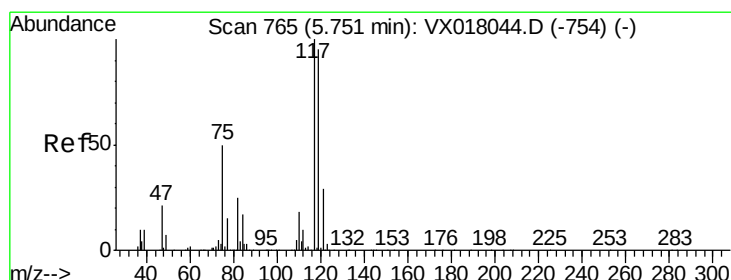
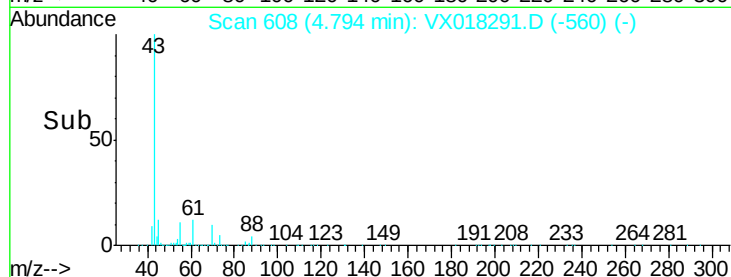
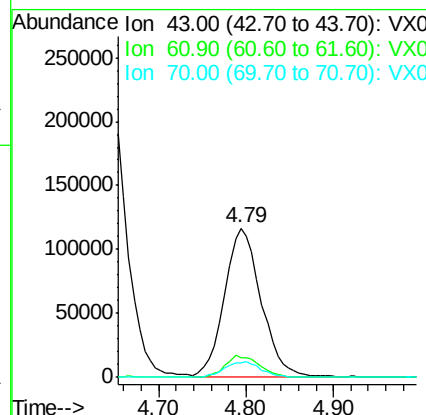
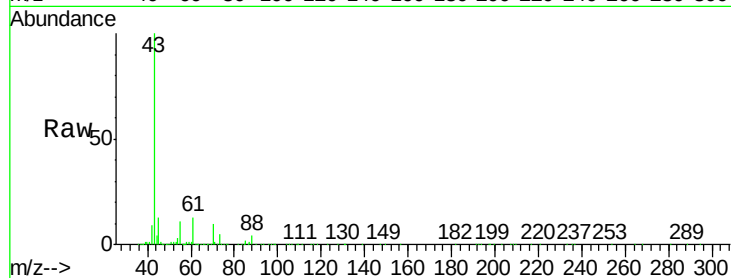
#37
Ethyl Acetate
Concen: 50.598 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.7	8.2	12.4

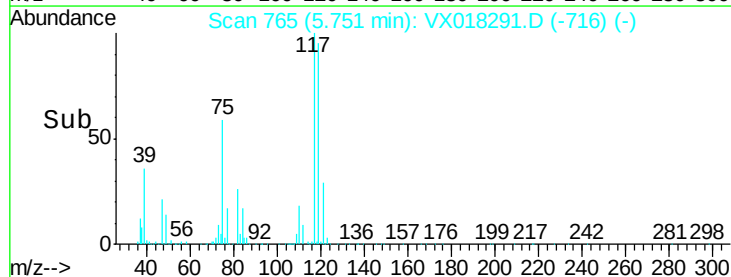
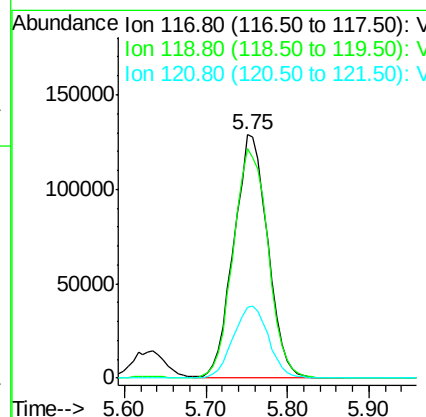
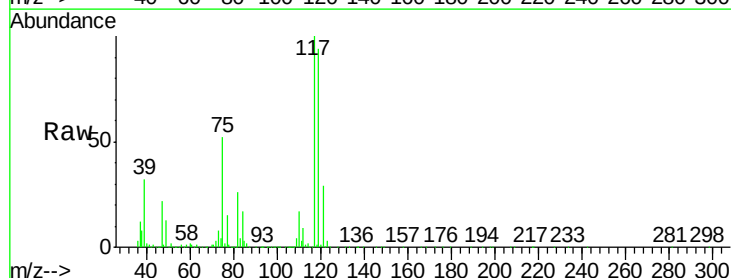
Manual Integrations
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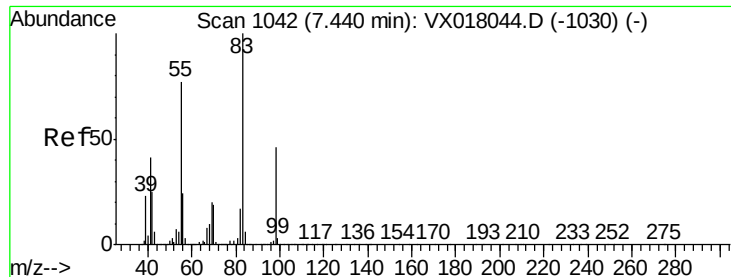
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#38
Carbon Tetrachloride
Concen: 57.763 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.6
121	29.4	23.4	35.0





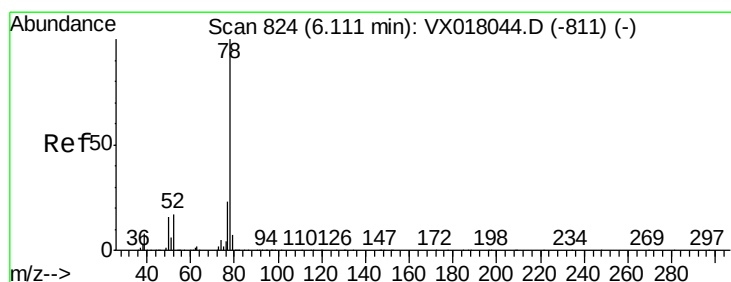
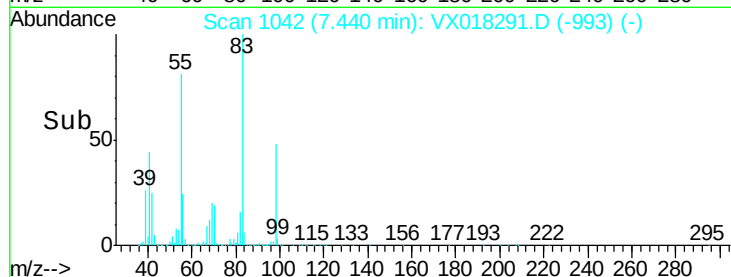
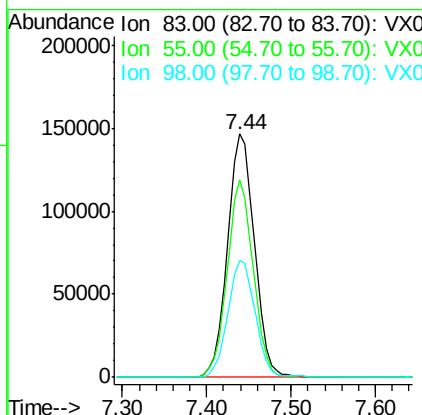
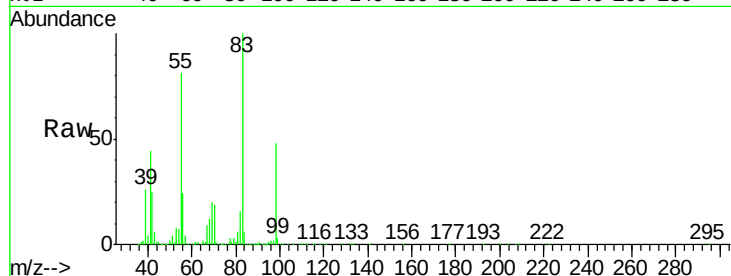
#39
Methylcyclohexane
Concen: 51.097 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	81.2	61.8	92.6
98	48.0	36.6	55.0

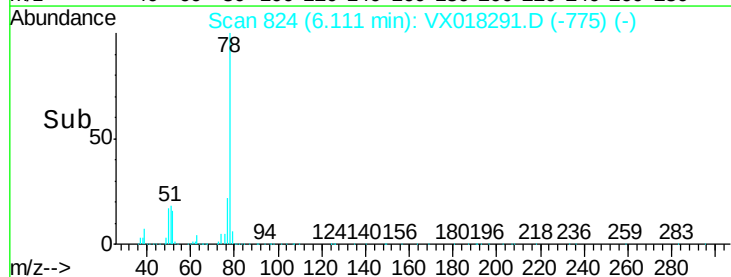
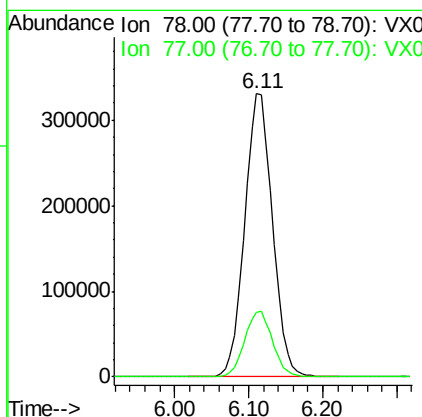
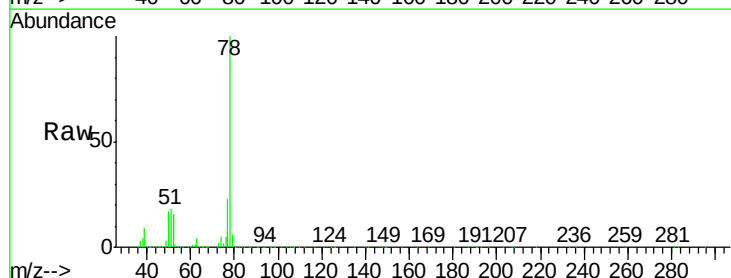
Manual Integrations
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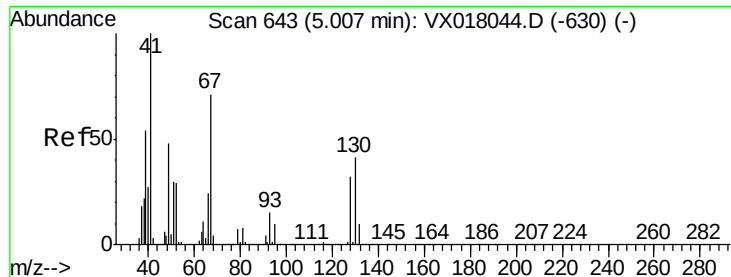
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#40
Benzene
Concen: 51.938 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	22.5	18.2	27.2





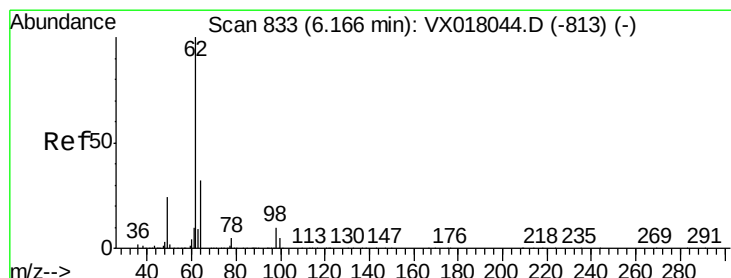
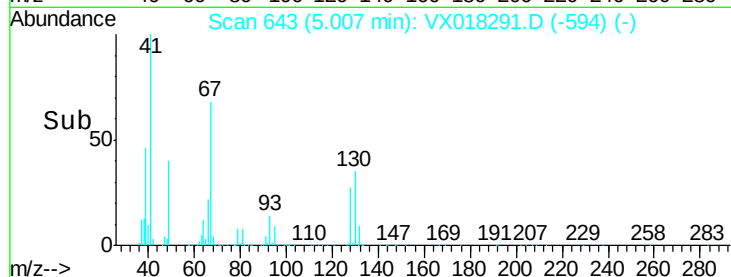
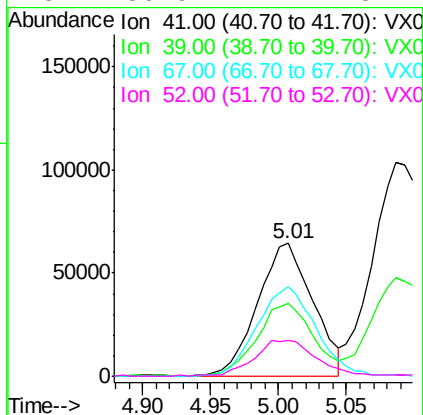
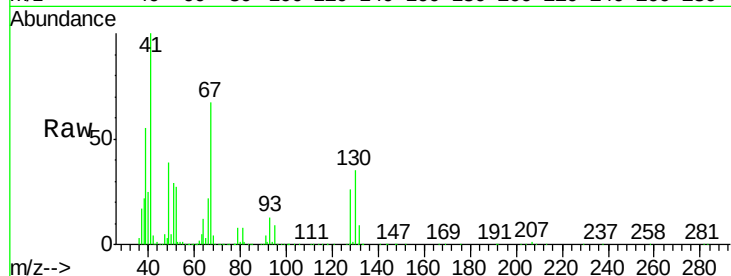
#41
Methacrylonitrile
Concen: 50.120 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.1	64.7
67	71.6	56.0	84.0
52	30.9	22.7	34.1

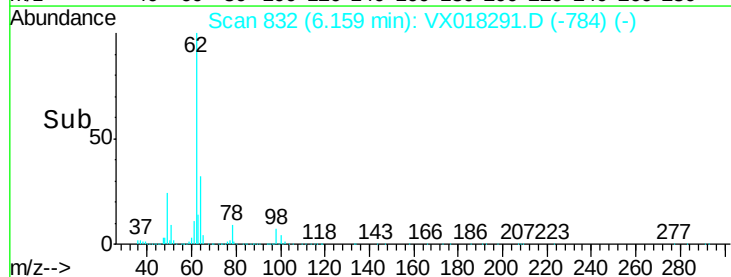
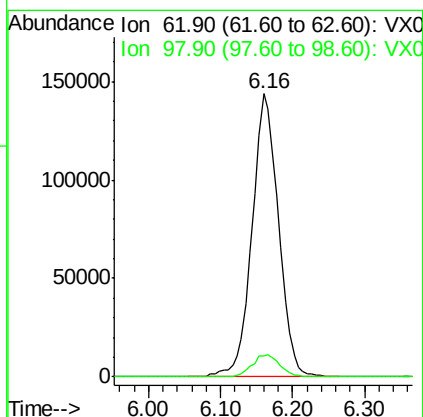
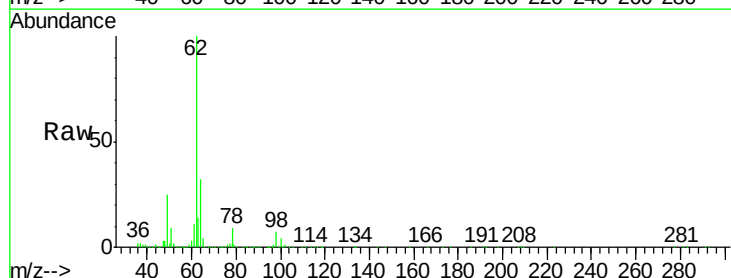
Manual Integrations
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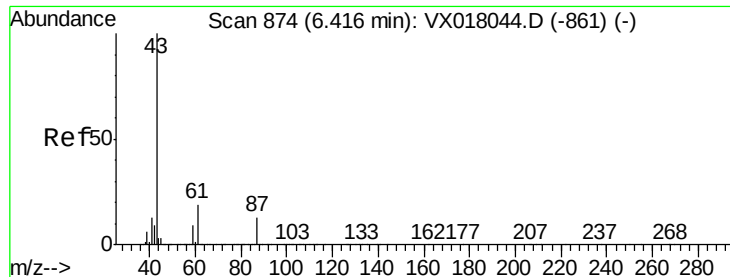
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#42
1,2-Dichloroethane
Concen: 57.530 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.2





#43

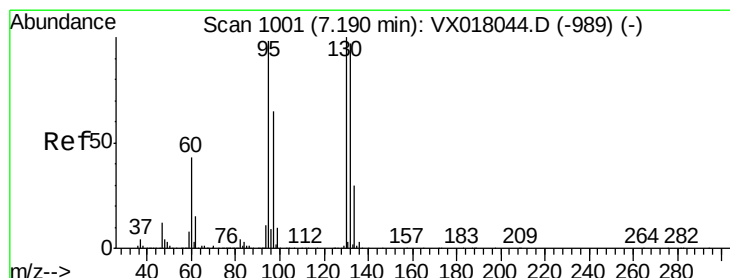
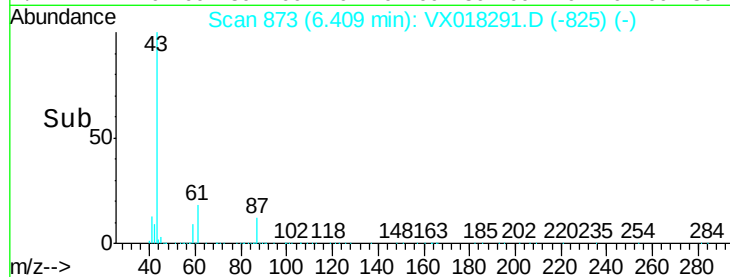
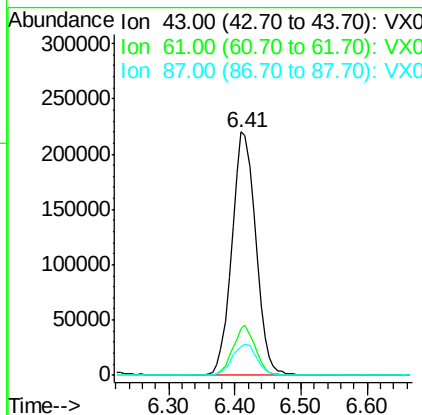
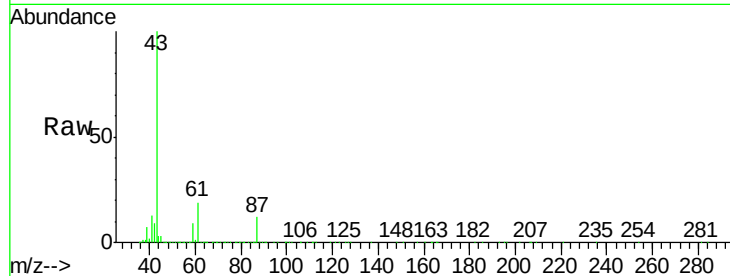
Isopropyl Acetate
 Concen: 51.987 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.7	23.5
87	13.1	10.3	15.5

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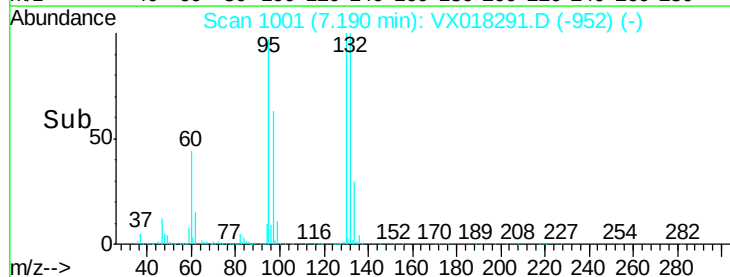
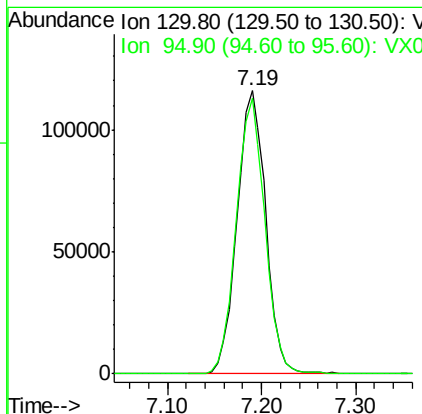
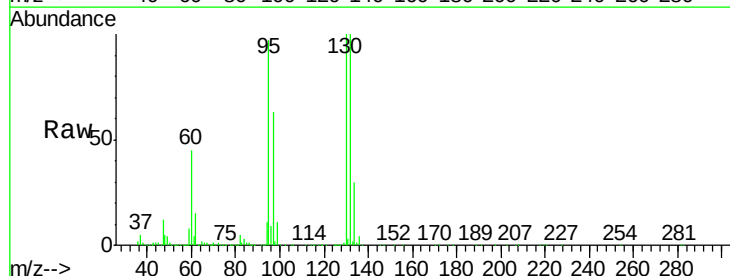
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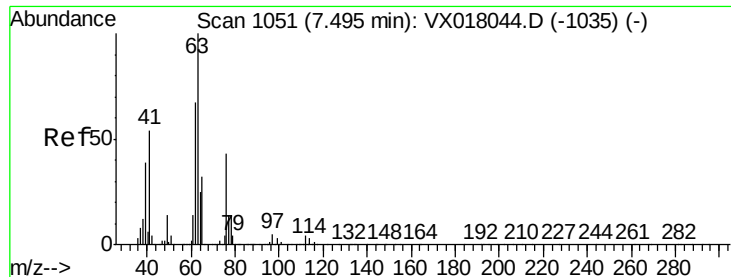


#44

Trichloroethene
 Concen: 52.181 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	196.4





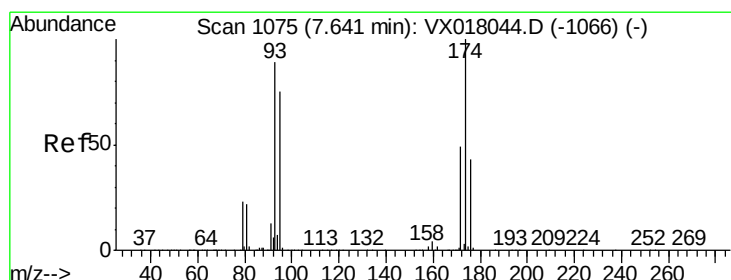
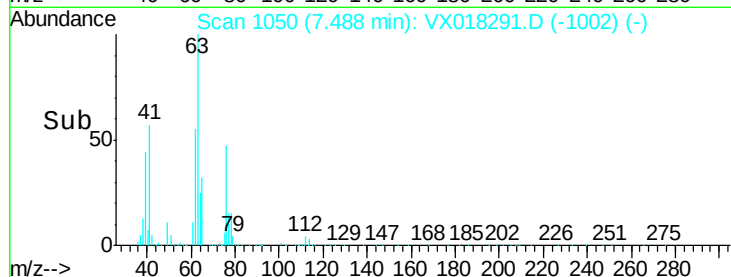
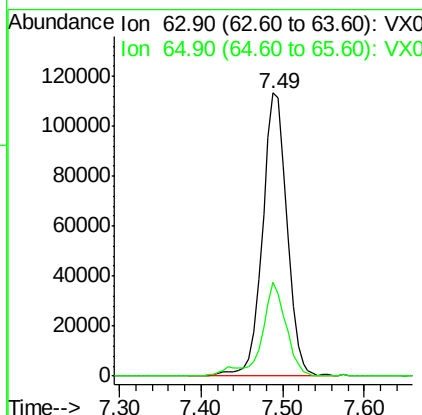
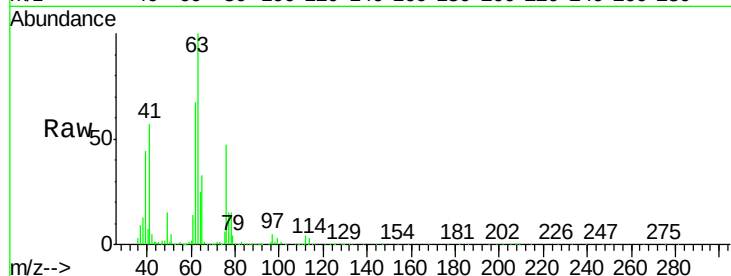
#45
 1,2-Dichloropropane
 Concen: 52.873 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.3	25.7	38.5

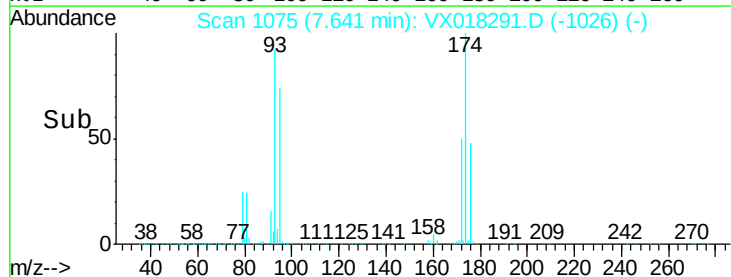
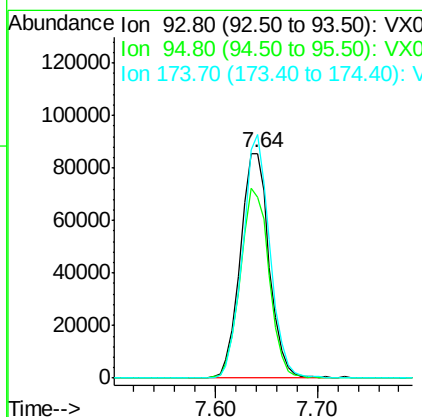
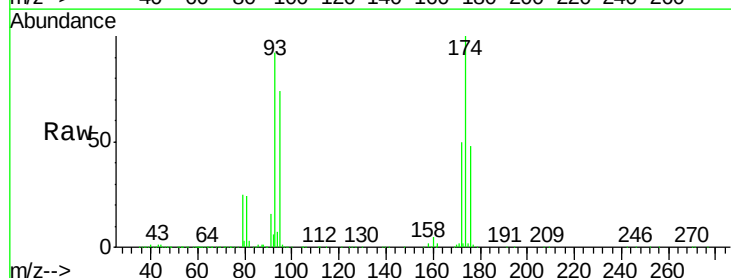
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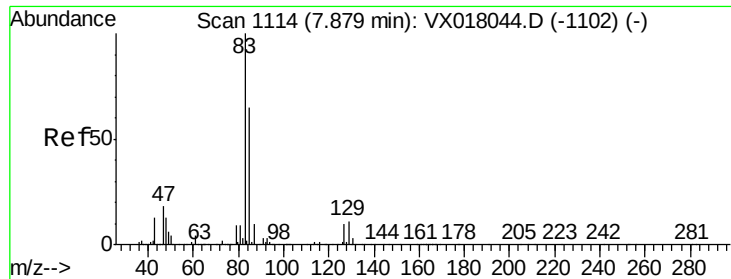
MMDadoda
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#46
 Dibromomethane
 Concen: 53.171 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.3	100.9
174	101.9	82.2	123.2





#47

Bromodichloromethane

Concen: 55.729 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

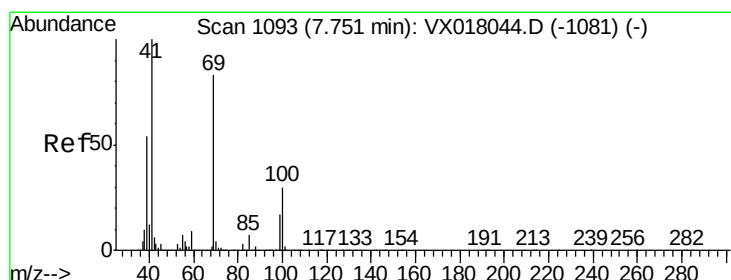
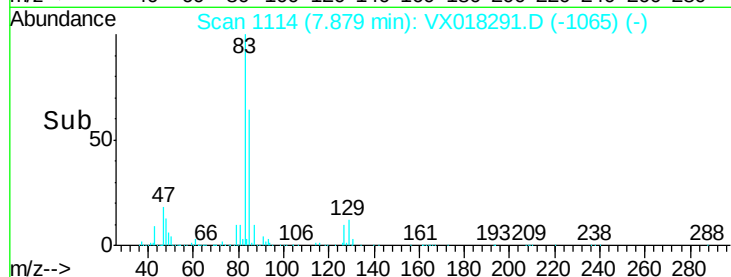
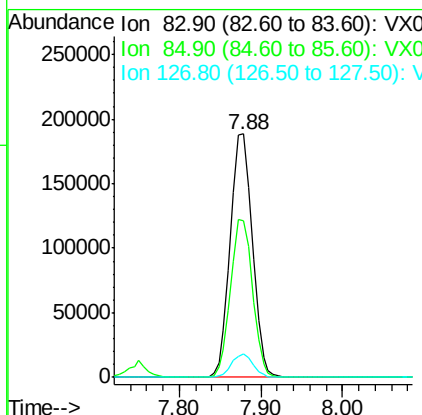
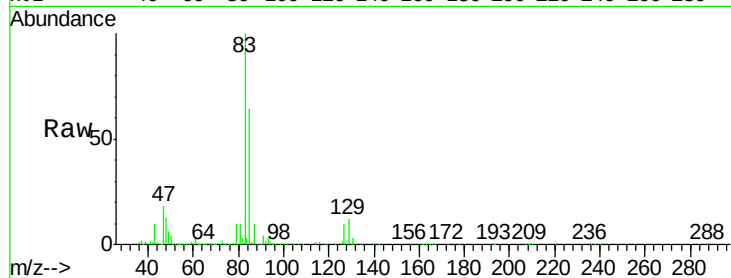
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	352262
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.8	77.6
127	9.9	7.7	11.5

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#48

Methyl methacrylate

Concen: 52.084 ug/l

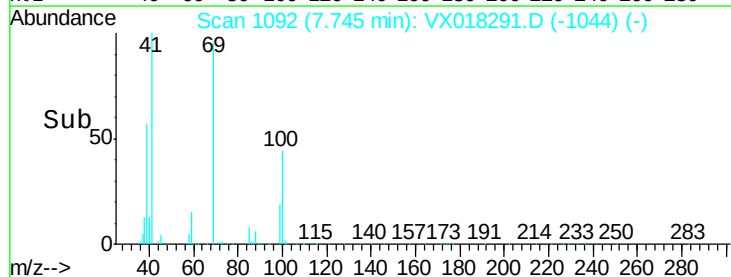
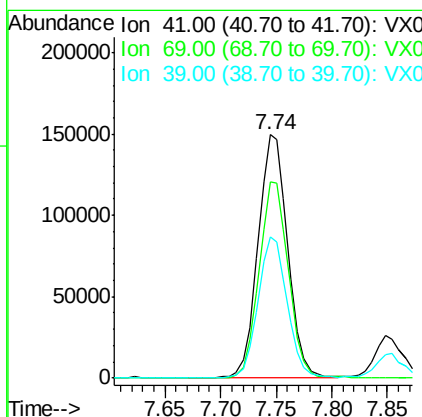
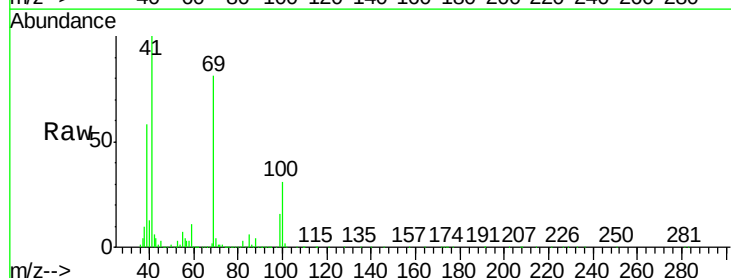
RT: 7.74 min Scan# 1092

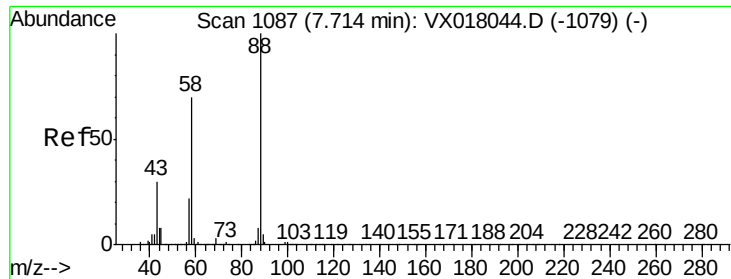
Delta R.T. -0.01 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Tgt Ion:	41	Resp:	276489
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.5	98.3
39	57.2	44.5	66.7





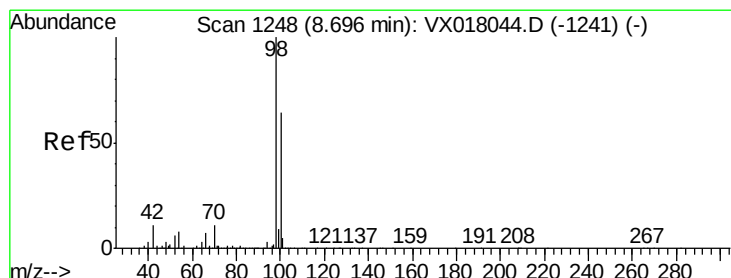
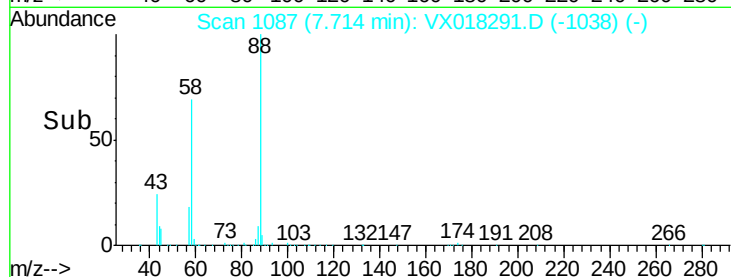
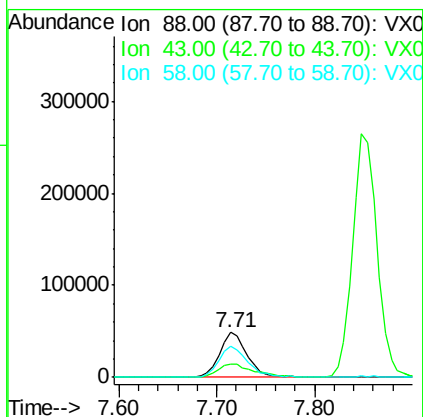
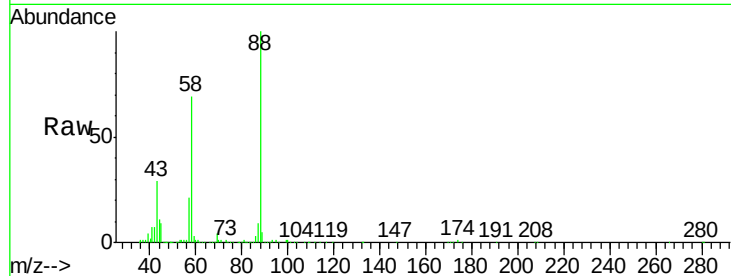
#49
1,4-Dioxane
Concen: 990.732 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.9	27.4	41.0
58	73.1	56.4	84.6

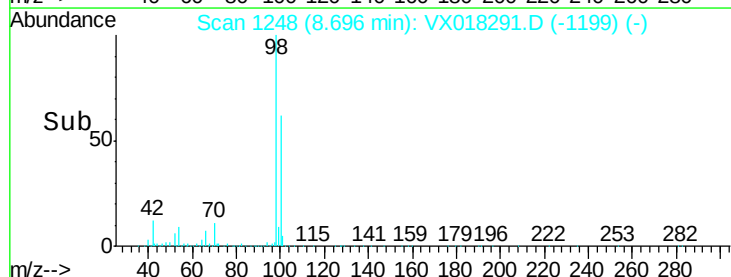
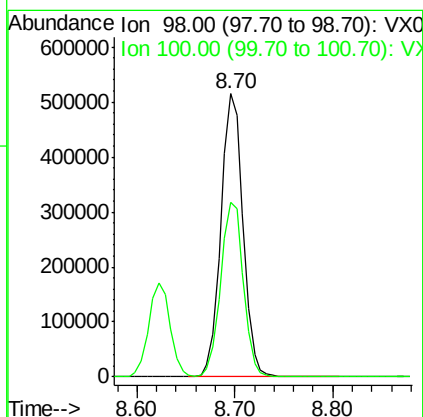
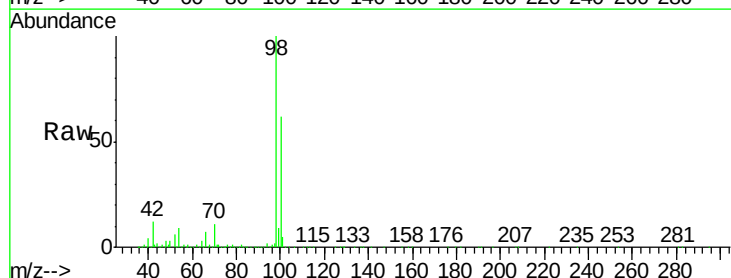
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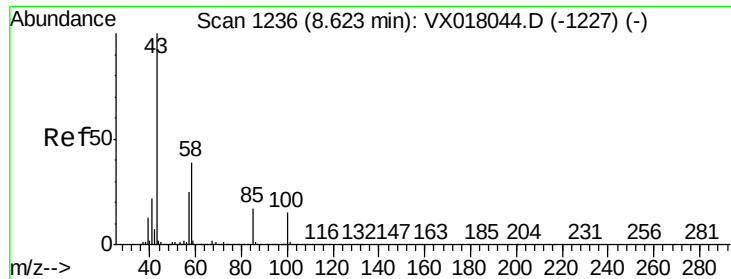
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#50
Toluene-d8
Concen: 51.484 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.2	78.4





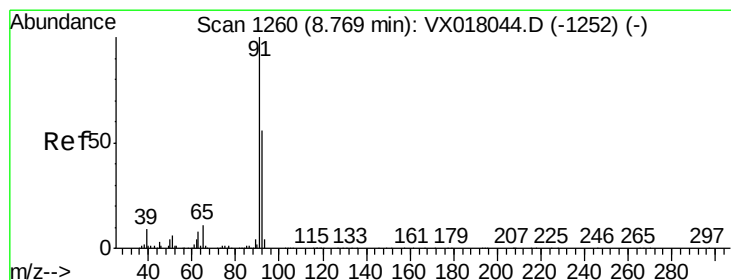
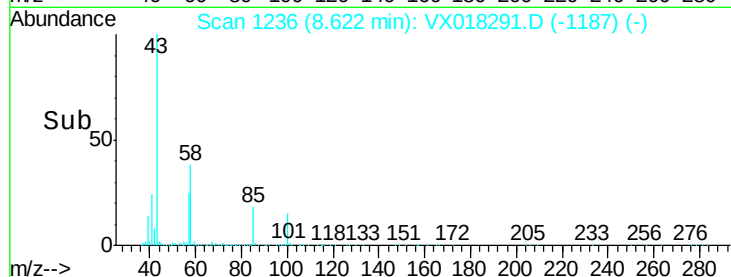
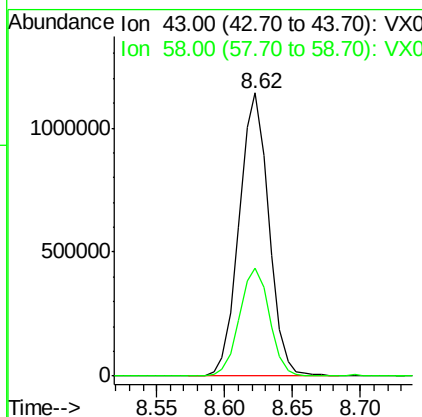
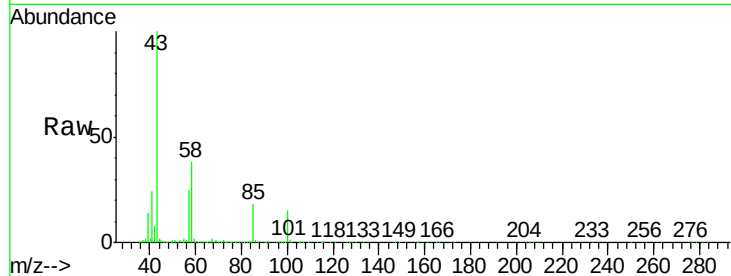
#51
4-Methyl-2-Pentanone
Concen: 263.733 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1737225
Ion Ratio Lower Upper
43 100
58 38.7 30.7 46.1

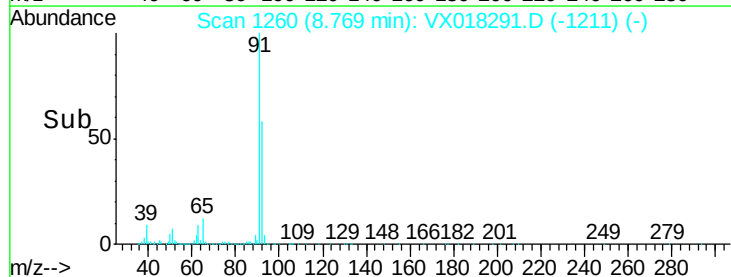
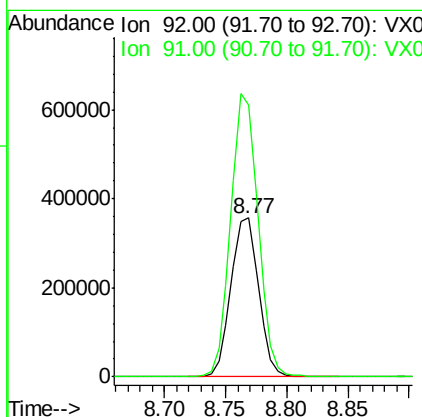
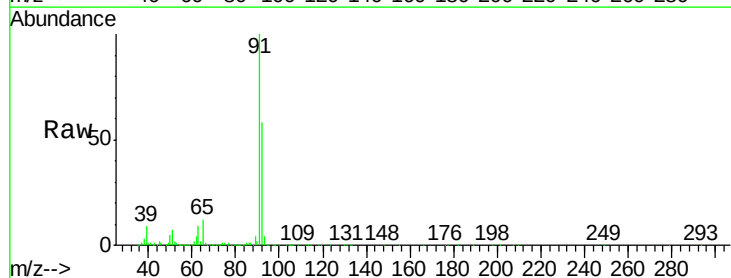
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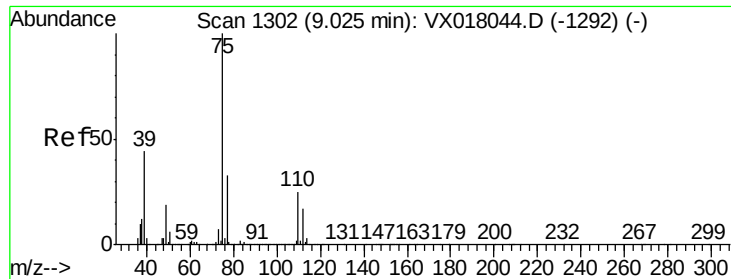
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#52
Toluene
Concen: 52.613 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion: 92 Resp: 557241
Ion Ratio Lower Upper
92 100
91 176.3 140.3 210.5





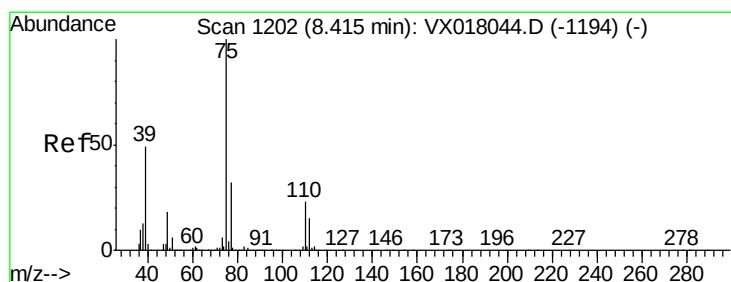
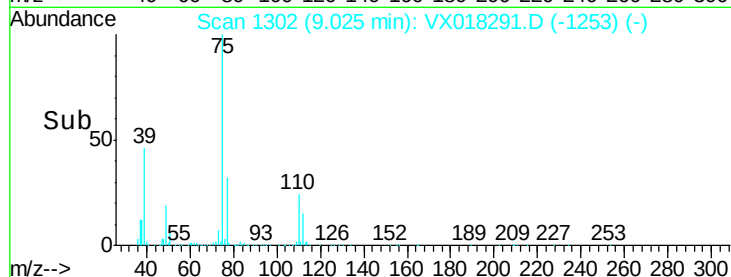
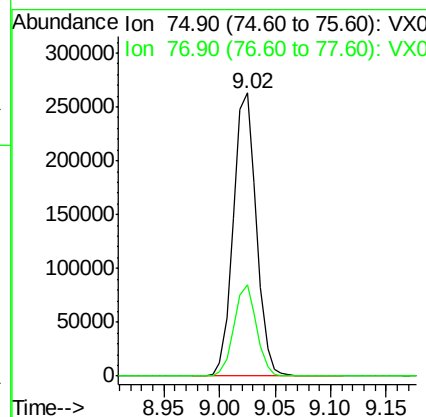
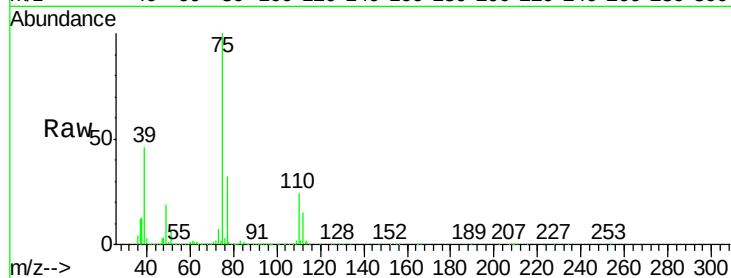
#53
t-1,3-Dichloropropene
Concen: 53.612 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.6	39.8

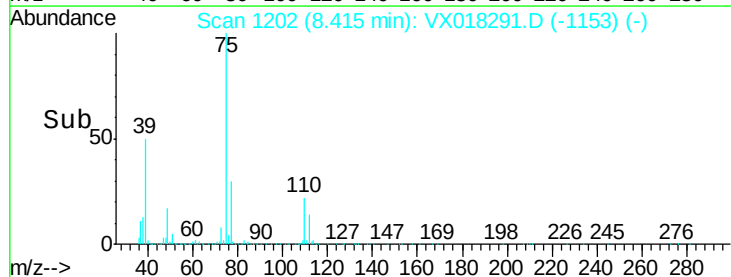
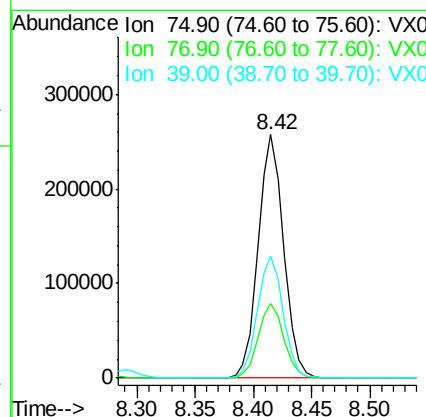
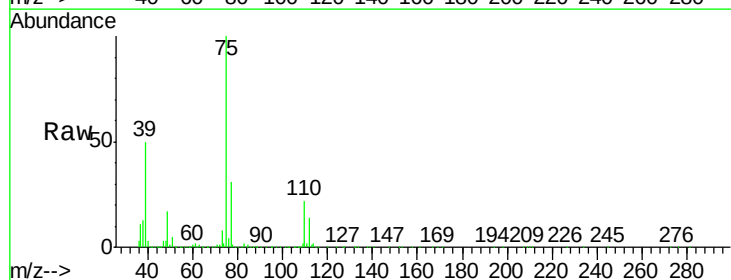
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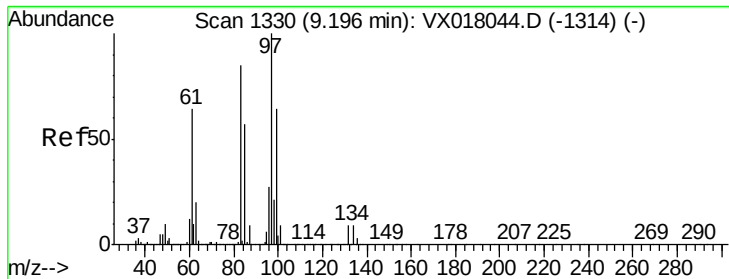
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#54
cis-1,3-Dichloropropene
Concen: 53.204 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.8	38.8
39	49.8	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 53.496 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

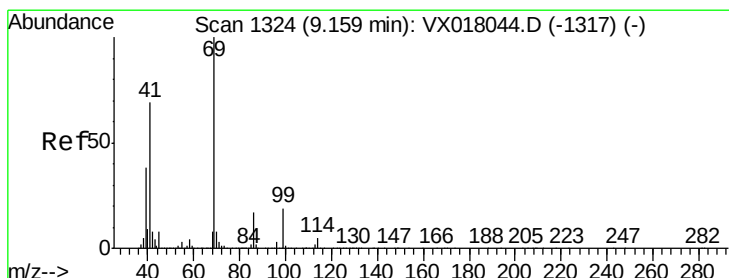
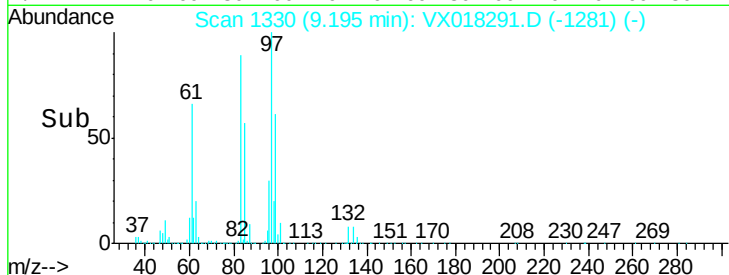
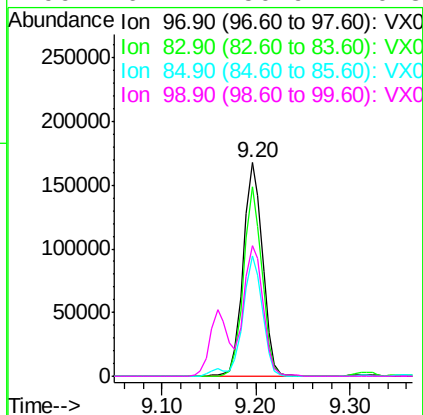
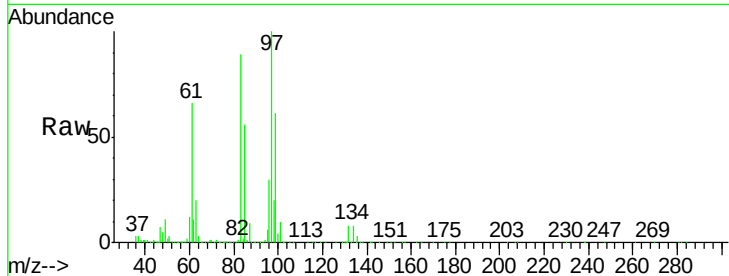
ClientSampleId :

VSTDCCC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		241651		
83	88.5	67.8	101.6		
85	56.4	45.3	67.9		
99	61.1	50.9	76.3		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 53.233 ug/l

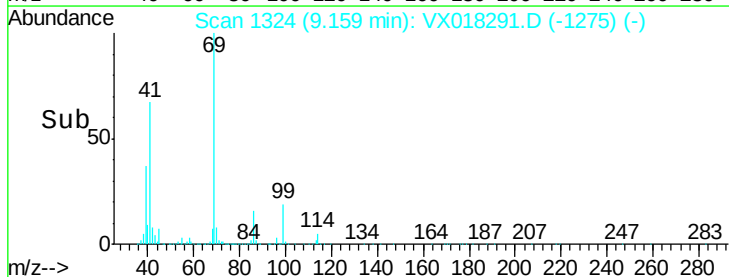
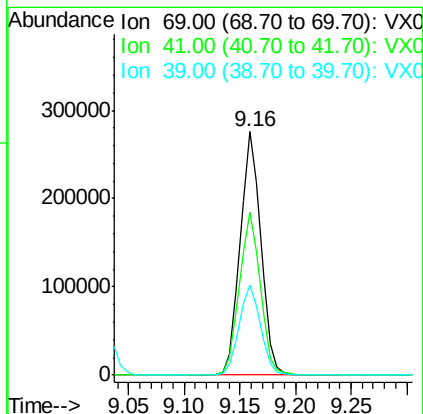
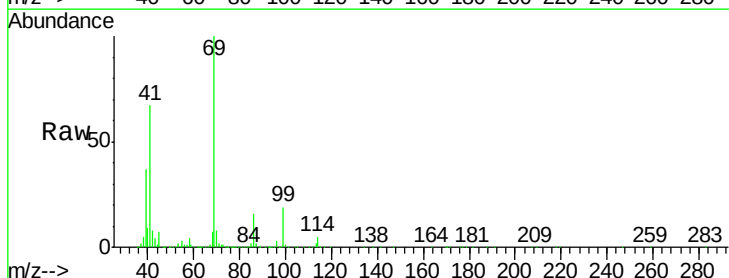
RT: 9.16 min Scan# 1324

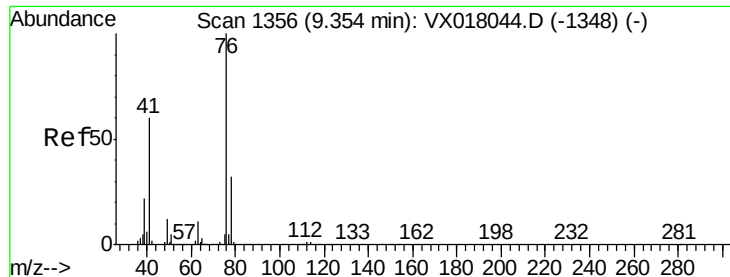
Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		357469		
41	67.2	54.6	81.8		
39	38.1	29.1	43.7		





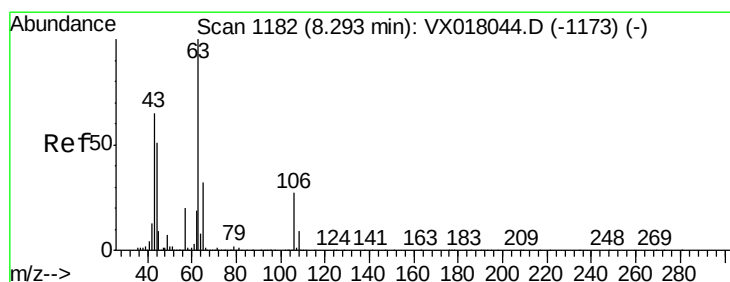
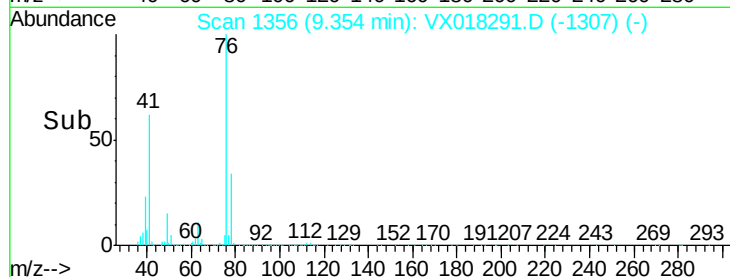
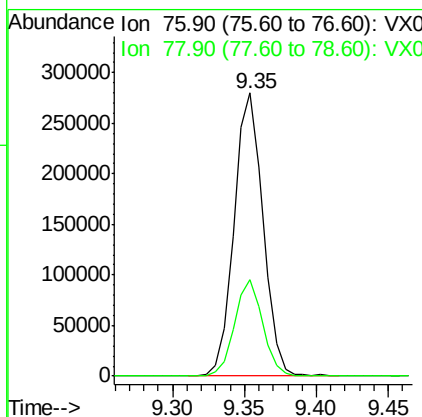
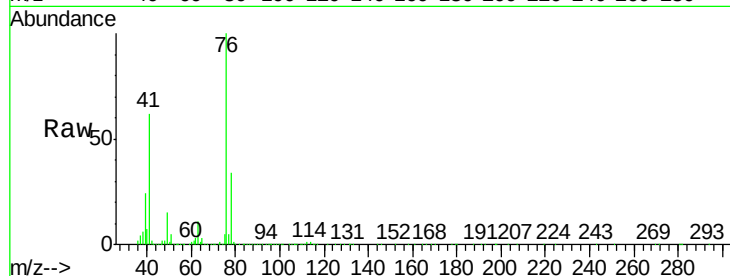
#57
 1,3-Dichloropropane
 Concen: 52.778 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.8	38.6

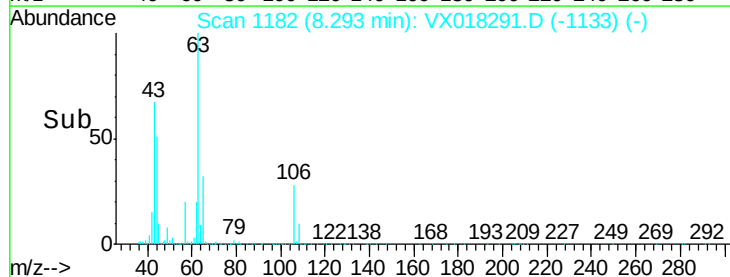
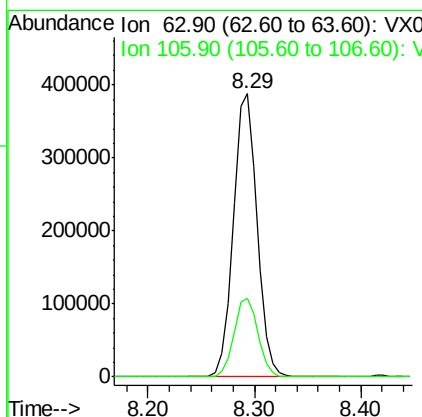
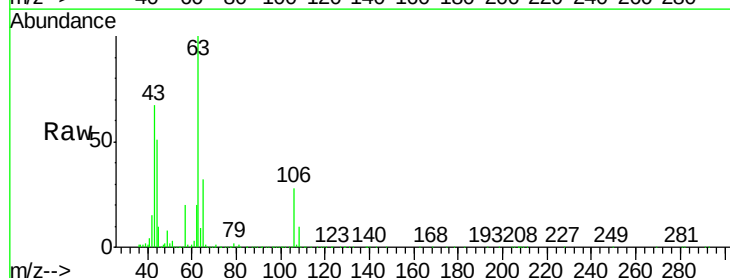
Manual Integrations
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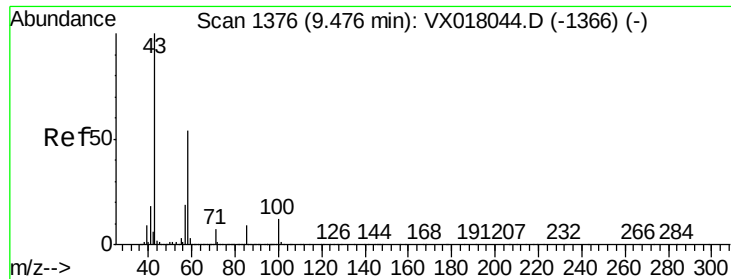
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#58
 2-Chloroethyl Vinyl ether
 Concen: 200.523 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.1	33.1





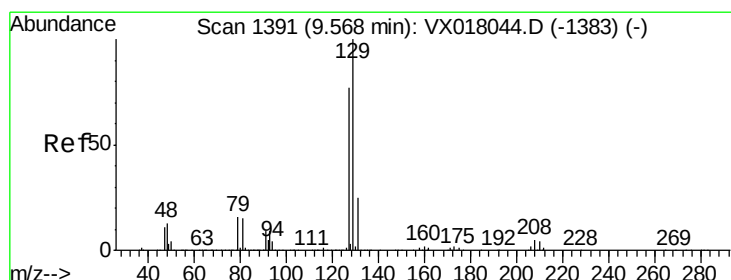
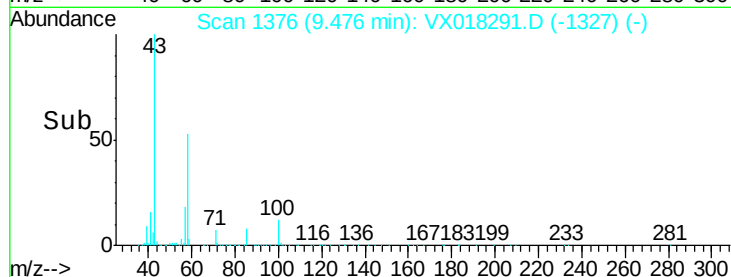
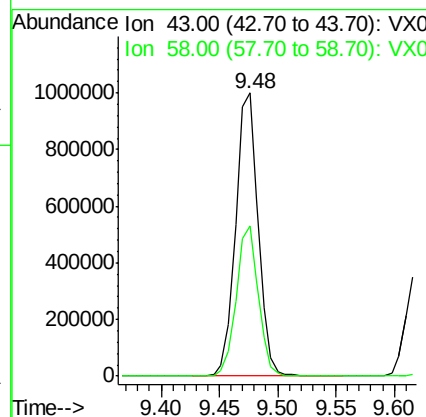
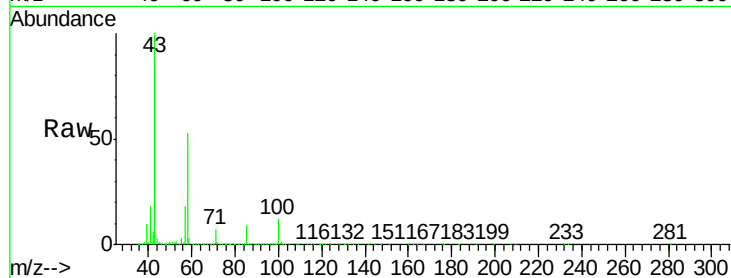
#59
2-Hexanone
Concen: 268.684 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1345756
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7

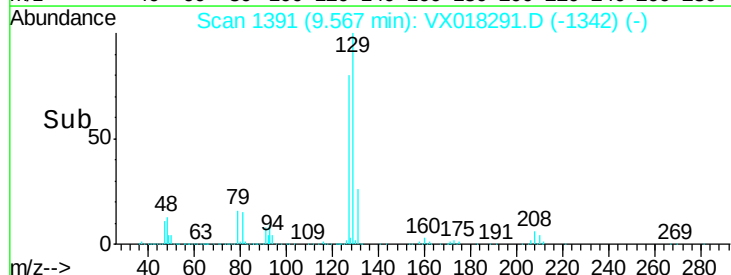
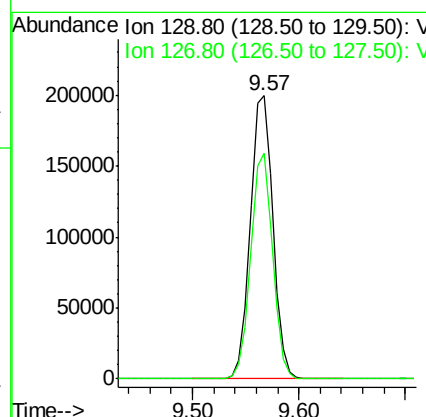
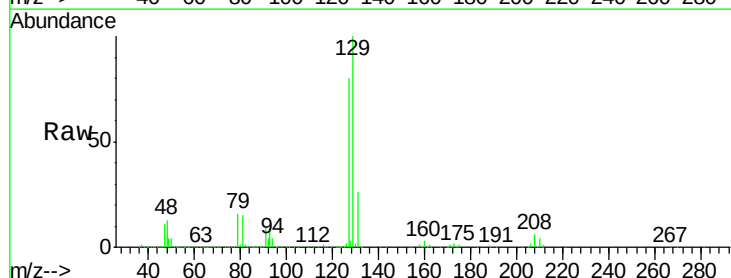
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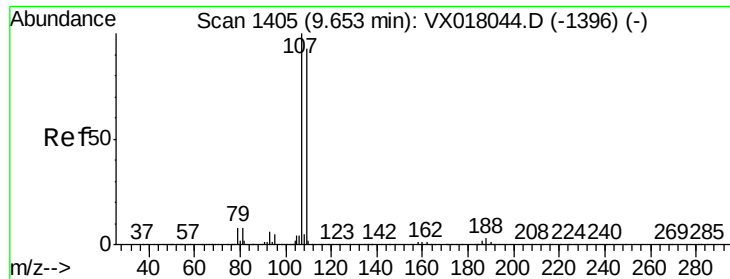
MMDadoda
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#60
Dibromochloromethane
Concen: 56.442 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion: 129 Resp: 299088
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





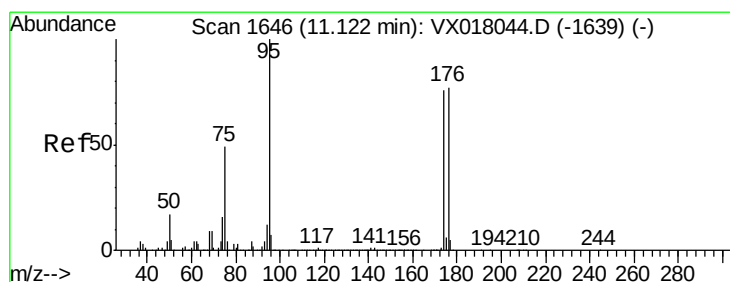
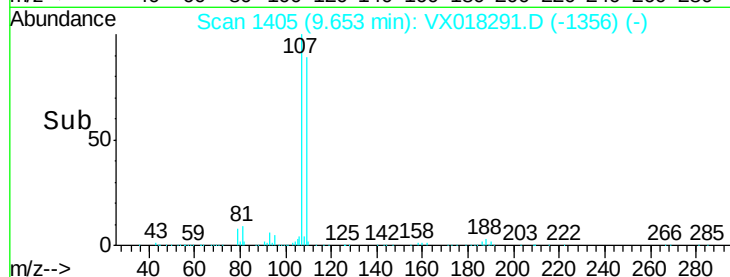
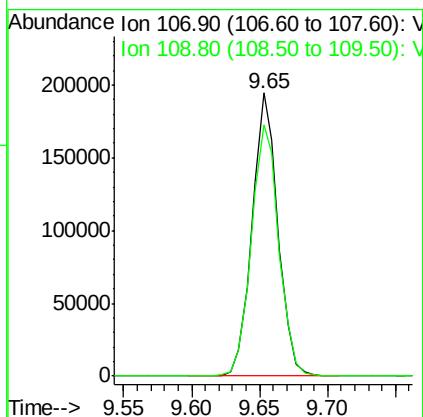
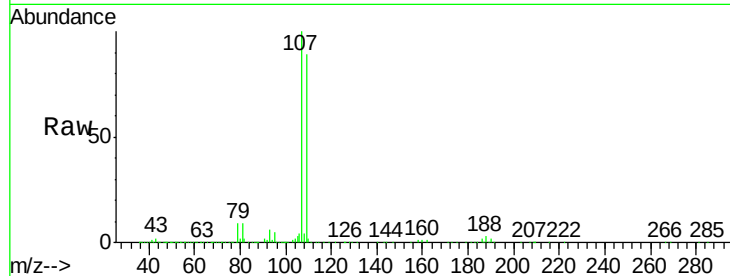
#61
 1,2-Dibromoethane
 Concen: 52.729 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	258588		
109	94.6	75.9	113.9	

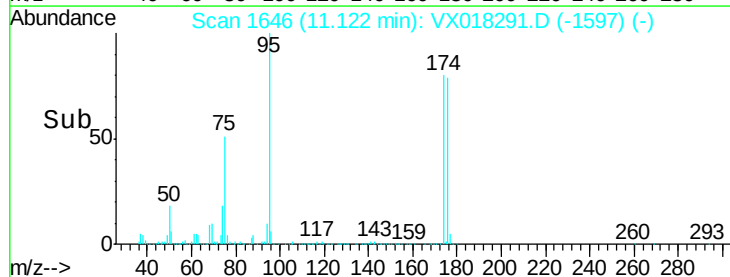
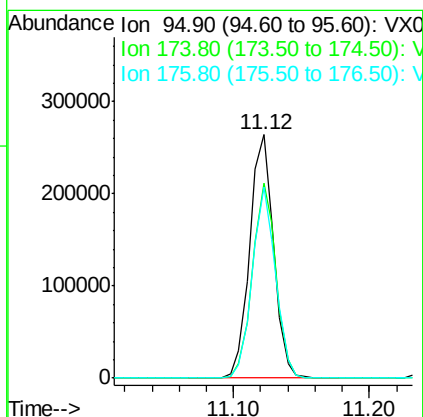
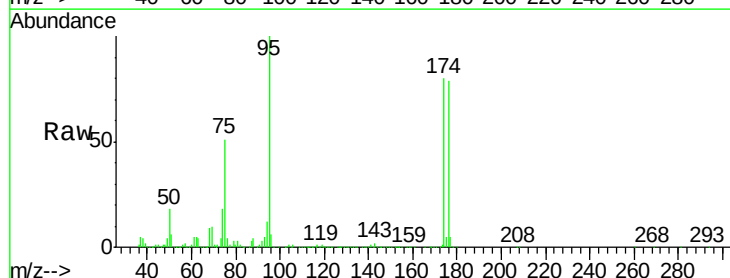
Manual Integrations
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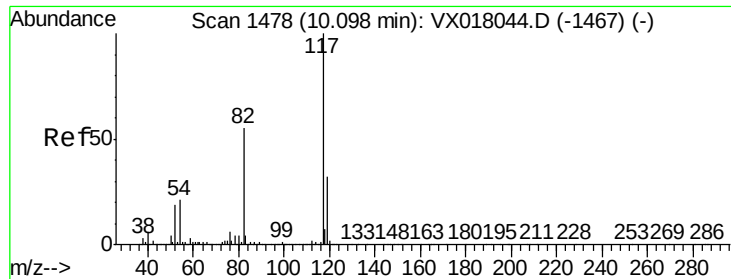
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#62
 4-Bromofluorobenzene
 Concen: 52.792 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	324705		
174	79.8	0.0	160.2	
176	76.9	0.0	155.8	





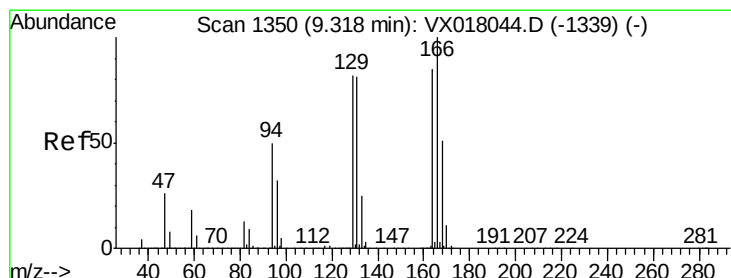
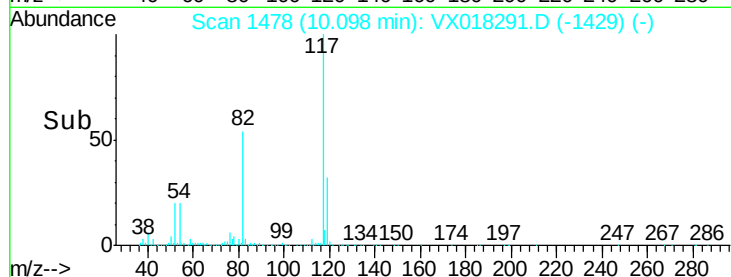
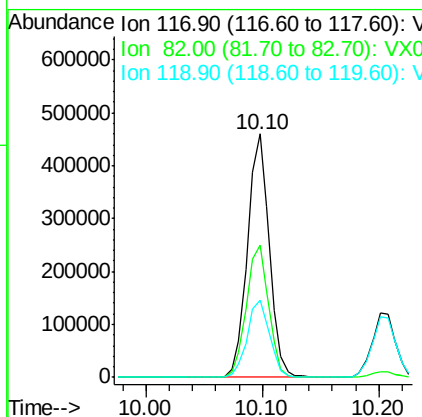
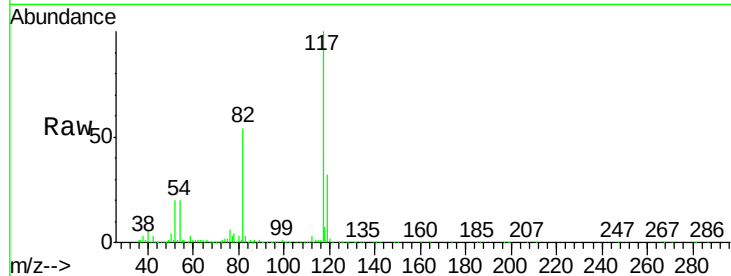
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.1	44.2	66.2
119	31.6	25.7	38.5

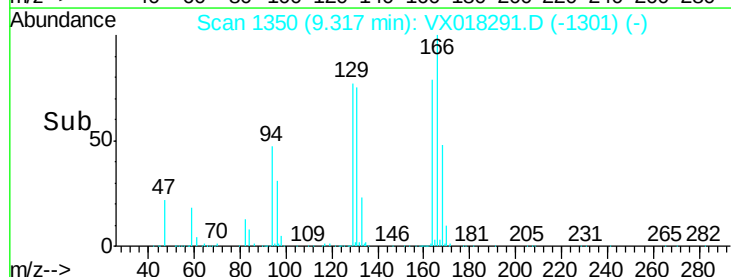
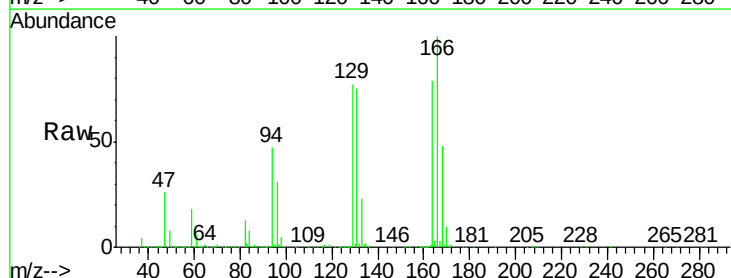
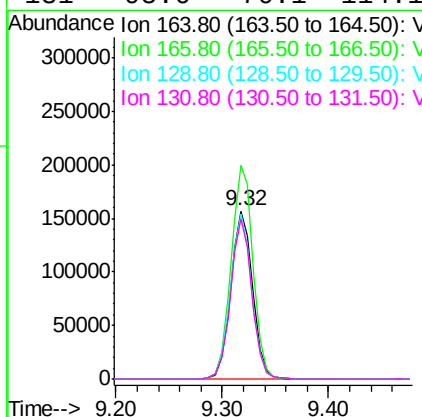
Manual Integrations
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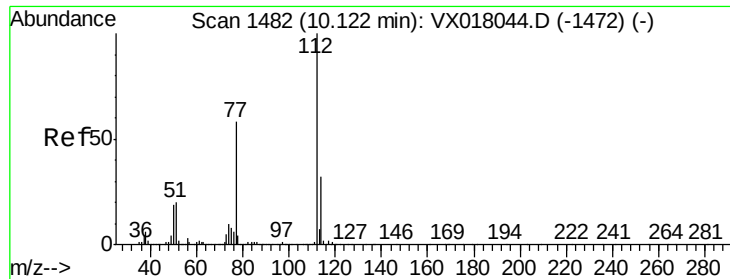
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#64
Tetrachloroethene
Concen: 50.663 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.2	94.2	141.2
129	98.0	76.9	115.3
131	95.6	76.1	114.1





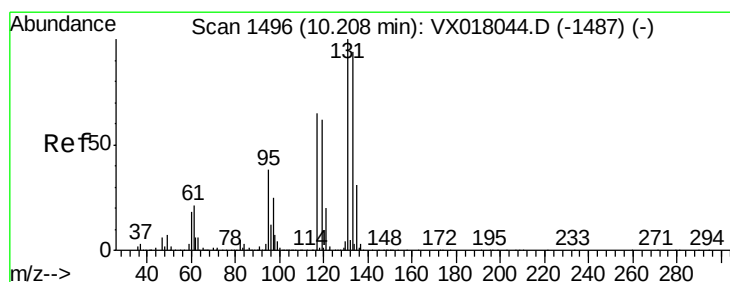
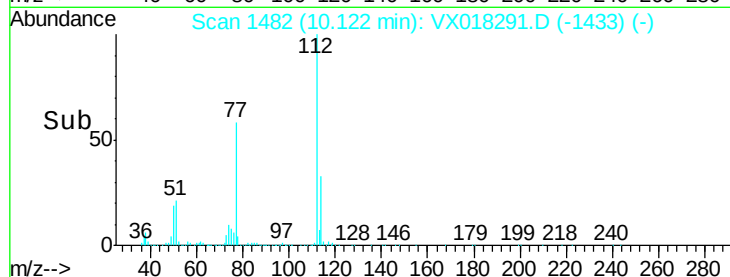
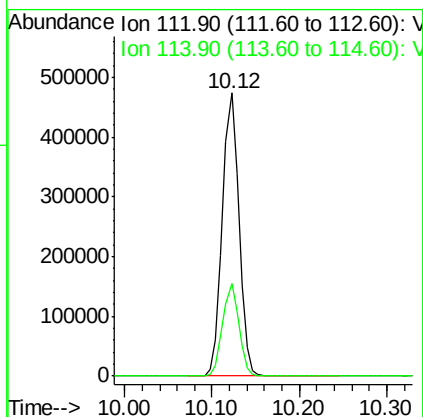
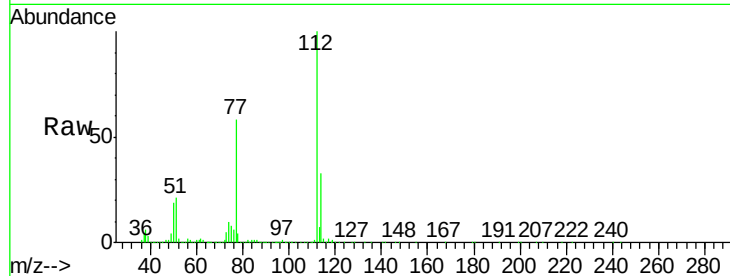
#65
Chlorobenzene
Concen: 51.746 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 622339
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

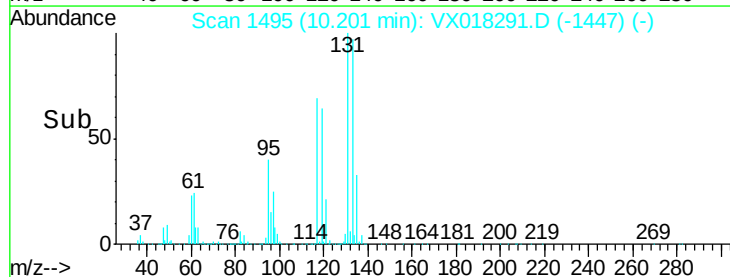
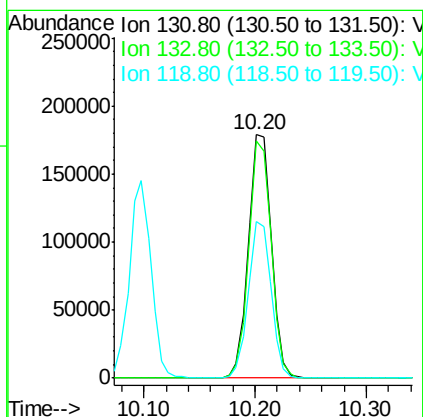
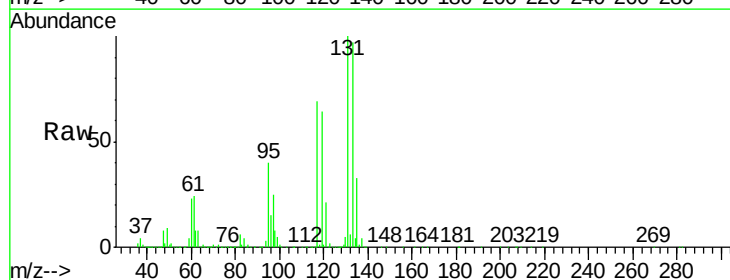
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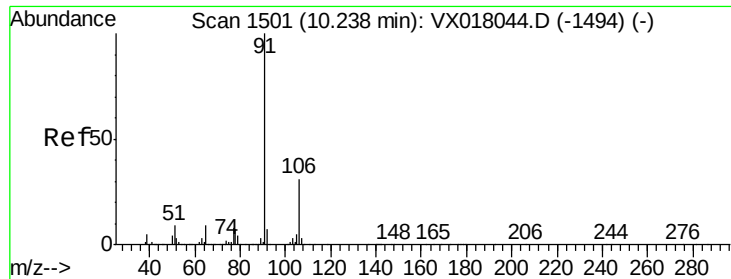
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.378 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion:131 Resp: 257759
Ion Ratio Lower Upper
131 100
133 95.3 46.7 140.1
119 63.7 31.8 95.4





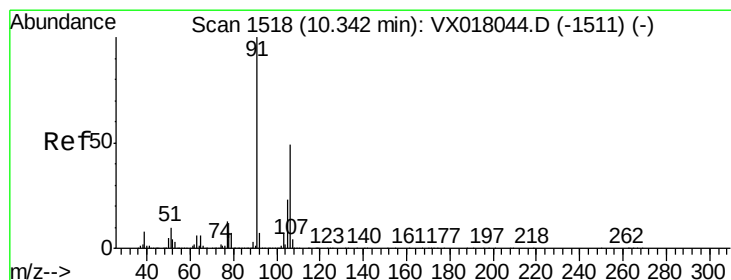
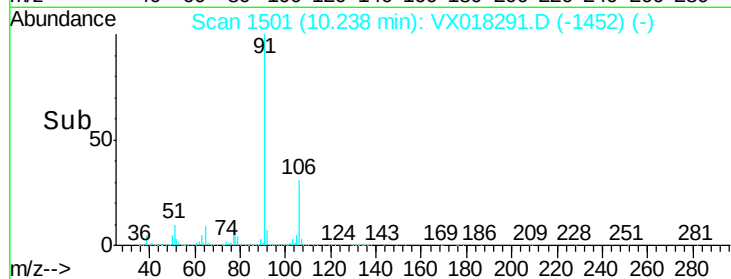
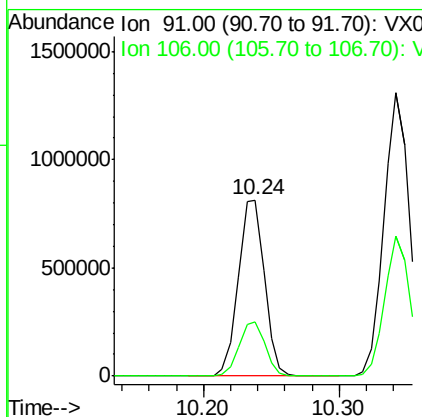
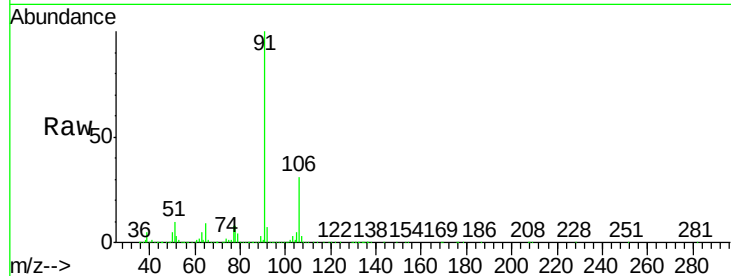
#67
Ethyl Benzene
Concen: 53.410 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1092372
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

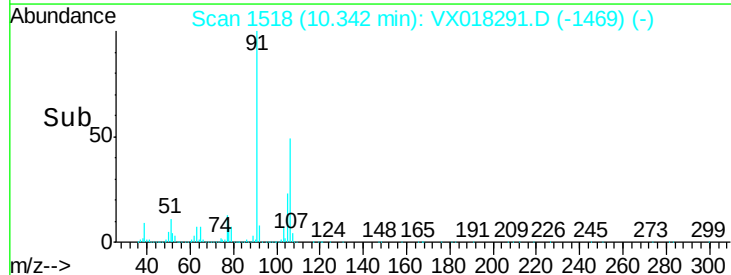
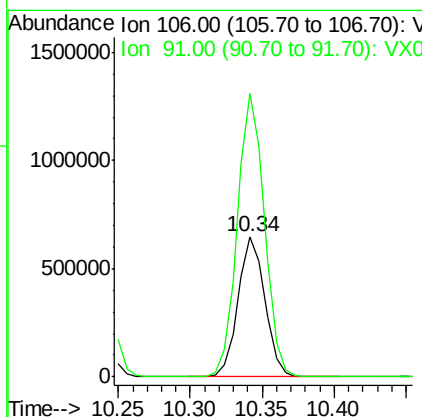
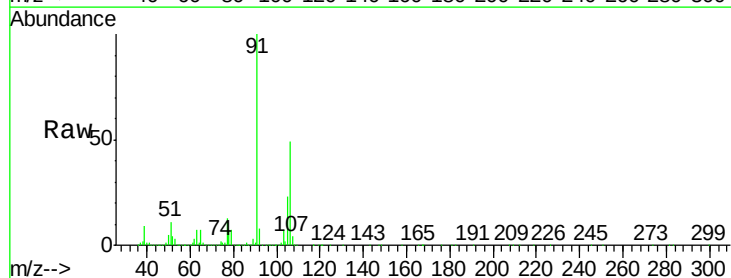
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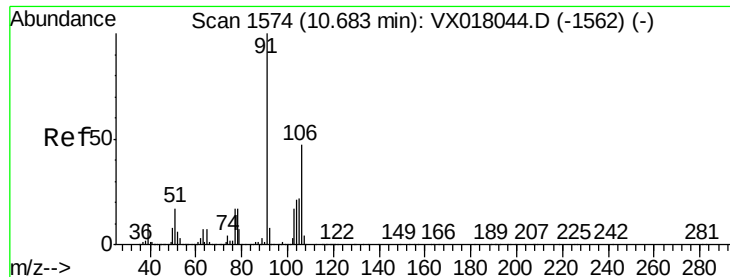
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#68
m/p-Xylenes
Concen: 109.673 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion: 106 Resp: 837232
Ion Ratio Lower Upper
106 100
91 204.6 162.2 243.2





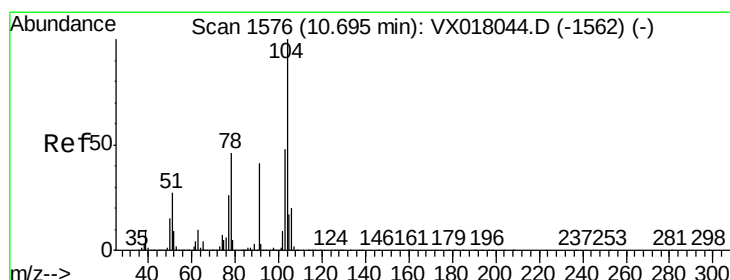
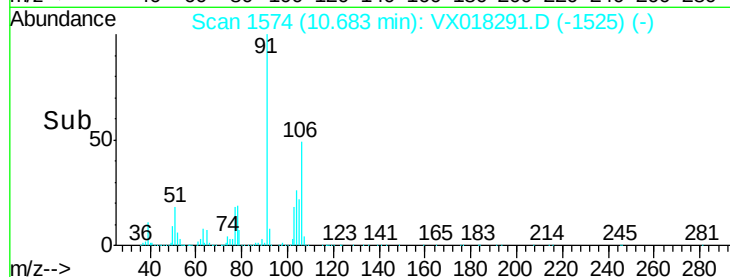
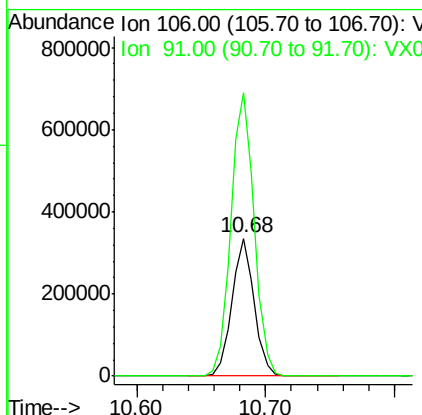
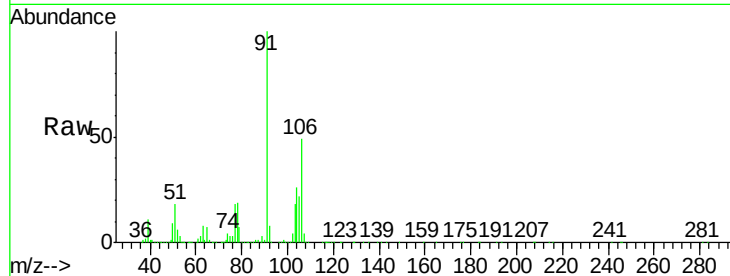
#69
o-Xylene
Concen: 54.600 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	404055		
91	215.4	107.1	321.3	

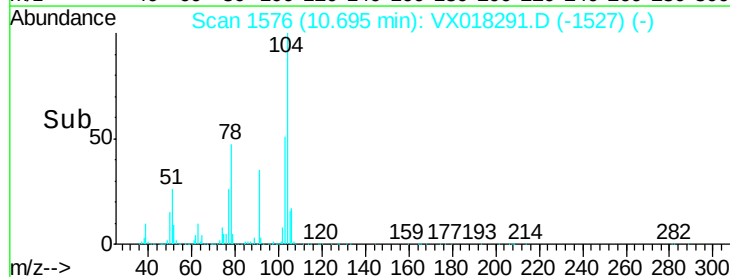
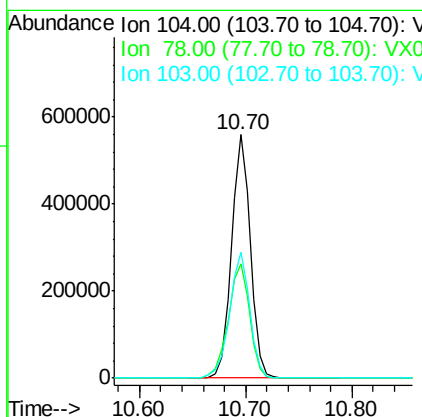
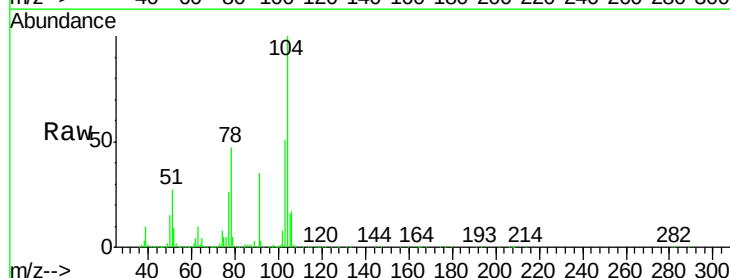
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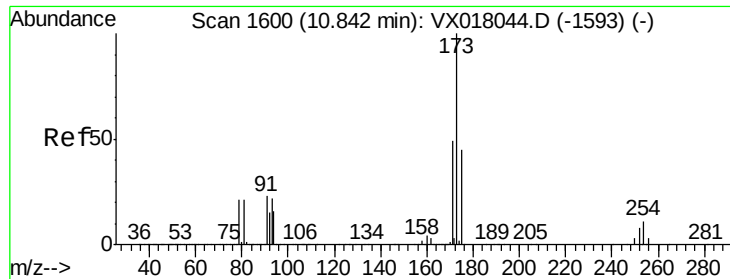
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#70
Styrene
Concen: 55.274 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	696594		
78	53.1	40.9	61.3	
103	55.3	43.6	65.4	





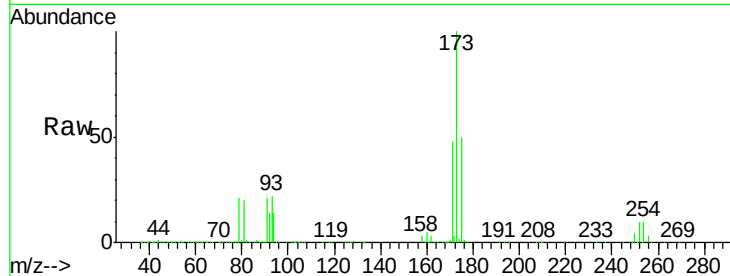
#71
Bromoform
Concen: 57.570 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

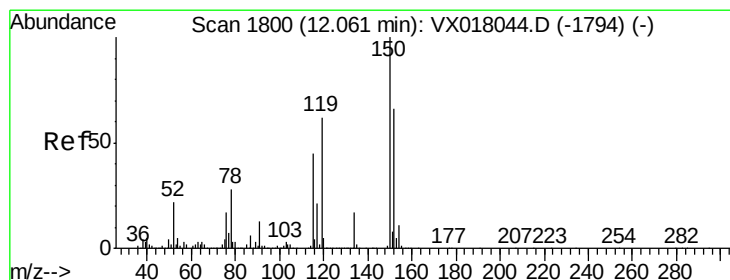
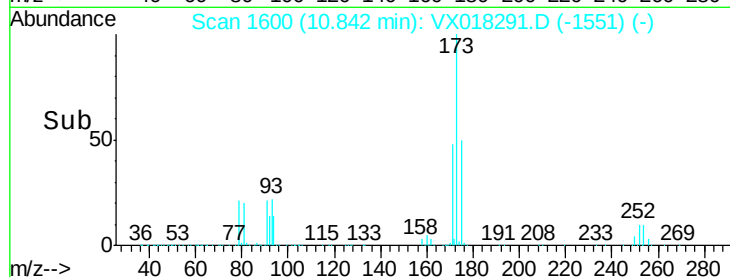
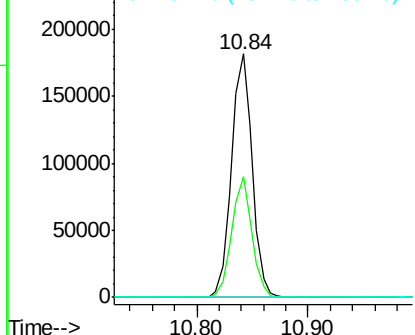
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	232765		
175	48.3	23.9	71.8	
254	0.0	0.2	0.2#	

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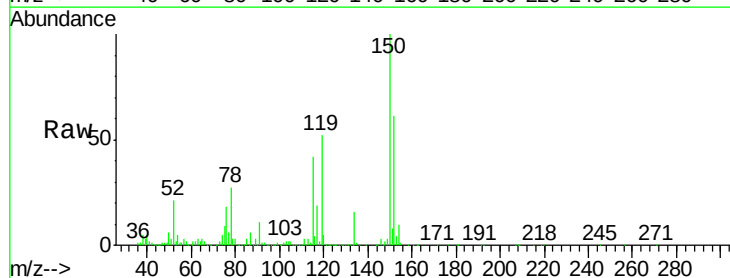


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

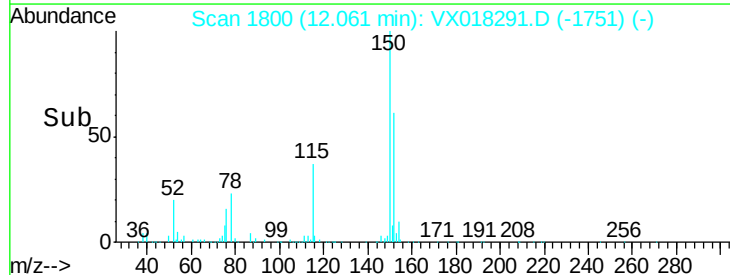
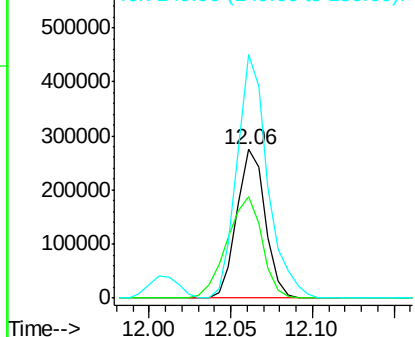


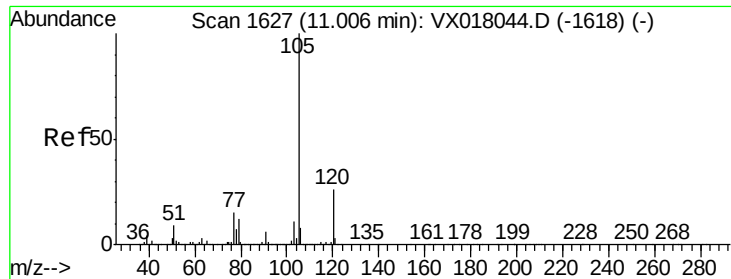
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	334629		
115	83.1	41.5	124.5	
150	176.0	0.0	343.8	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





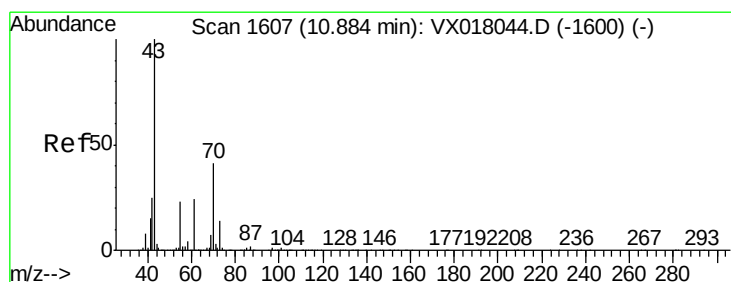
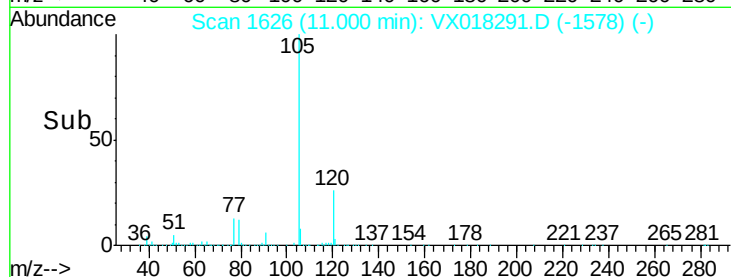
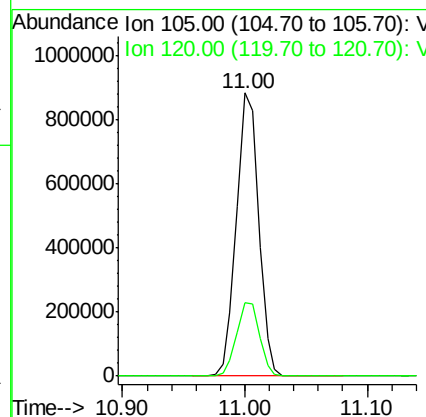
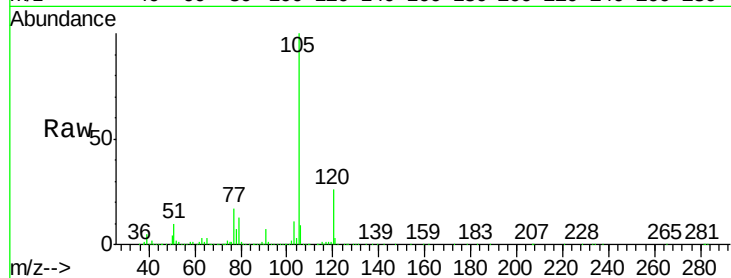
#73
Isopropylbenzene
Concen: 50.163 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 1107214
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

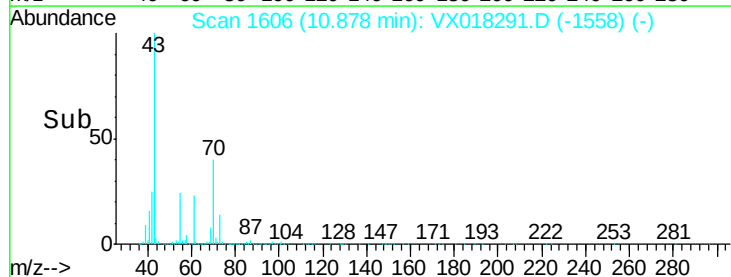
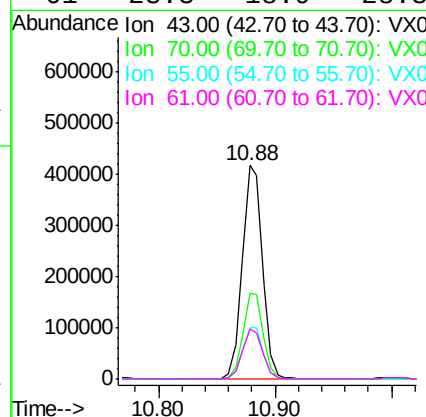
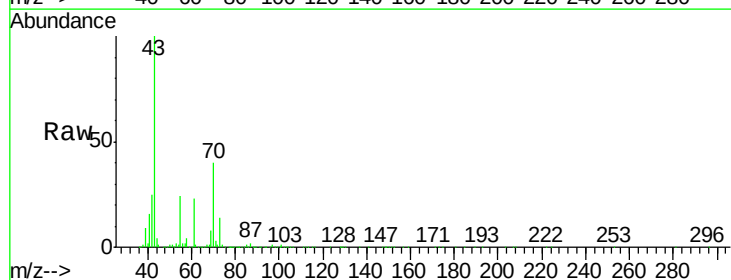
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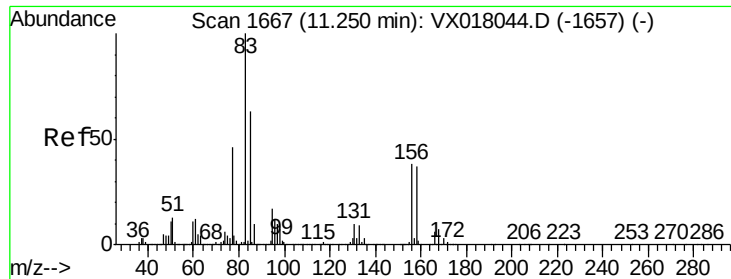
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#74
N-ethyl acetate
Concen: 48.221 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion: 43 Resp: 505004
Ion Ratio Lower Upper
43 100
70 39.8 32.3 48.5
55 24.2 18.2 27.2
61 23.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.849 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 372571

Ion Ratio Lower Upper

83 100

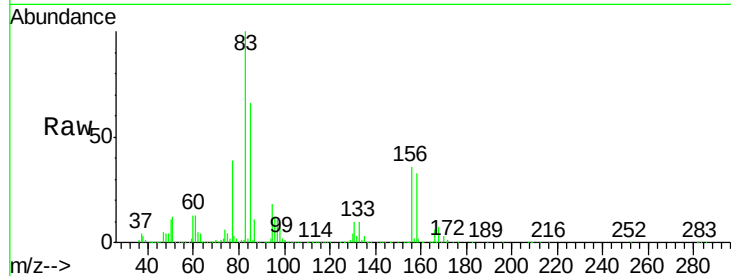
131 10.9 5.1 15.4

85 64.5 32.2 96.6

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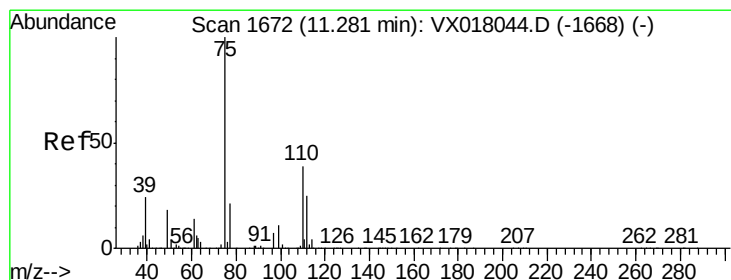
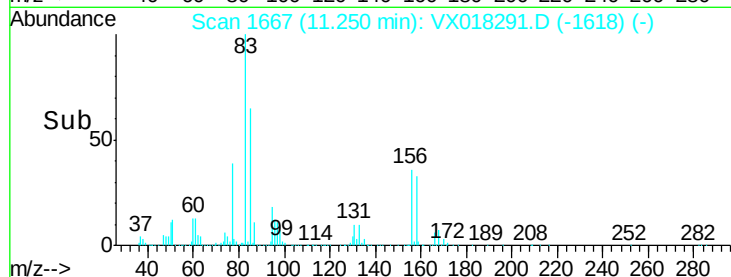
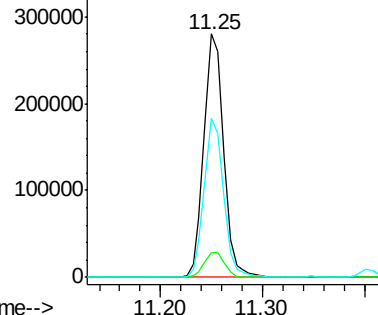
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.242 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018291.D

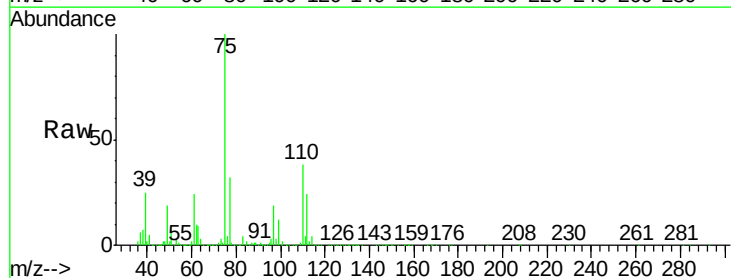
Acq: 08 Sep 2020 21:43

Tgt Ion: 75 Resp: 351668

Ion Ratio Lower Upper

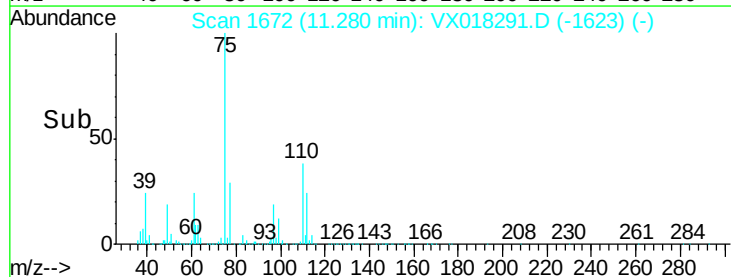
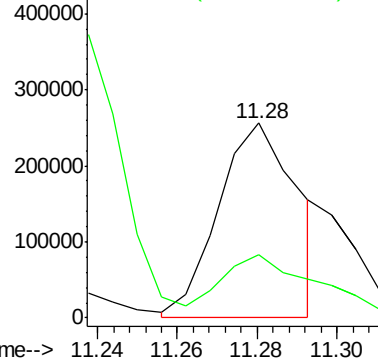
75 100

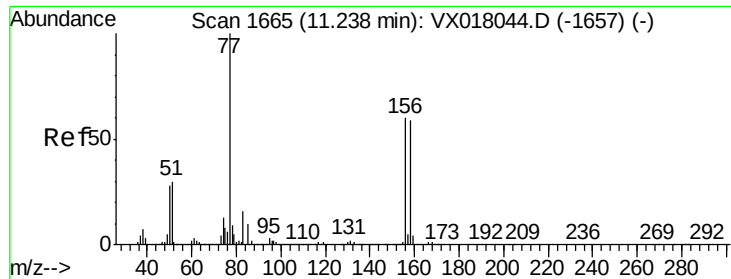
77 40.0 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.164 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

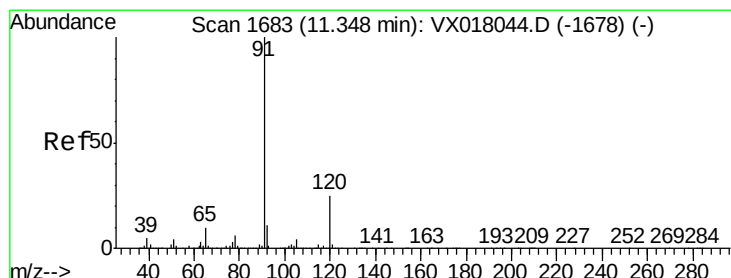
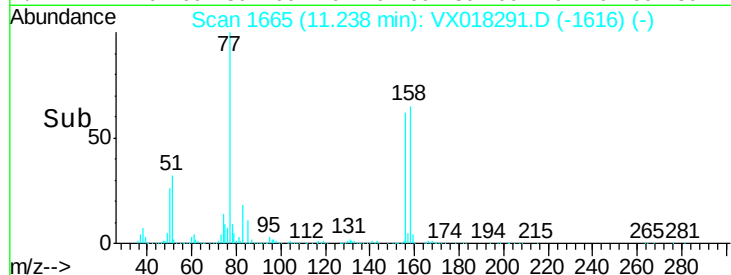
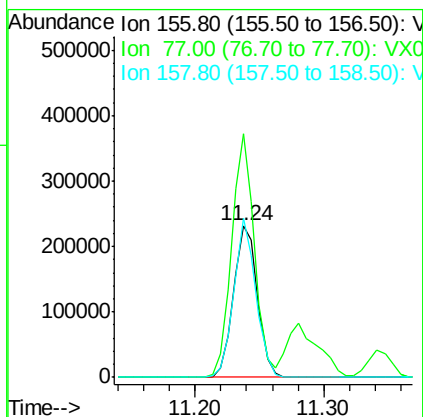
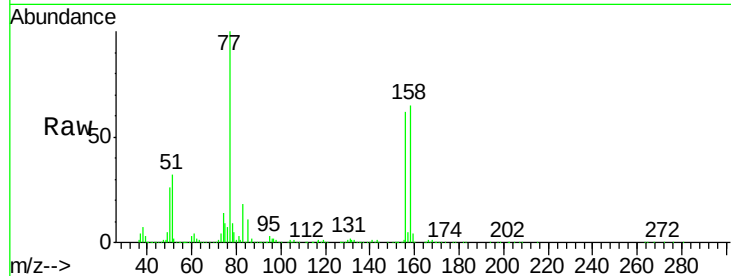
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	299964
Ion Ratio	Lower	Upper	
156	100		
77	153.7	80.0	240.2
158	97.1	49.5	148.7

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#78

n-propylbenzene

Concen: 51.384 ug/l

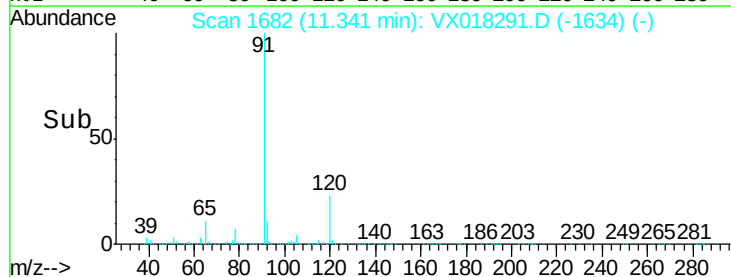
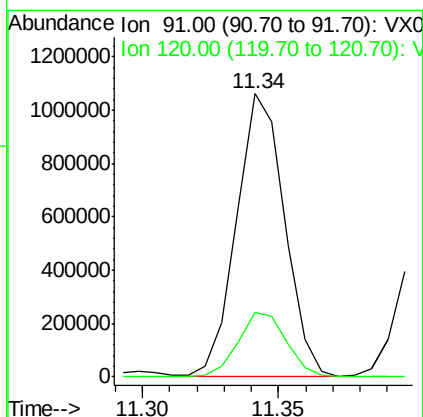
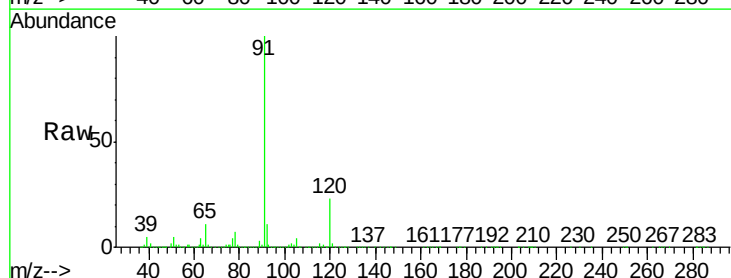
RT: 11.34 min Scan# 1682

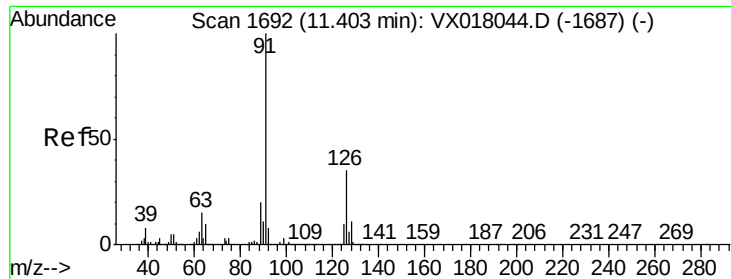
Delta R.T. -0.01 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Tgt Ion:	91	Resp:	1287795
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.396 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018291.D

Acq: 08 Sep 2020 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 780339

Ion Ratio Lower Upper

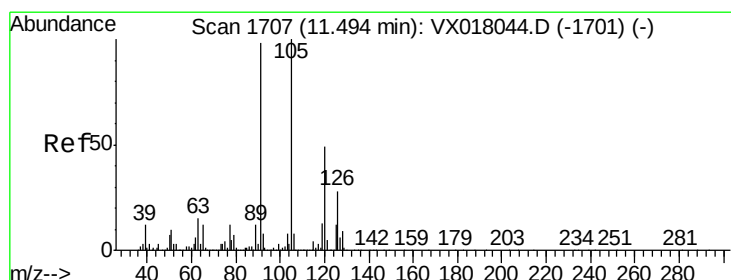
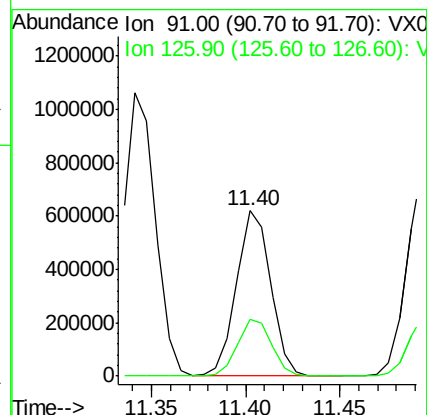
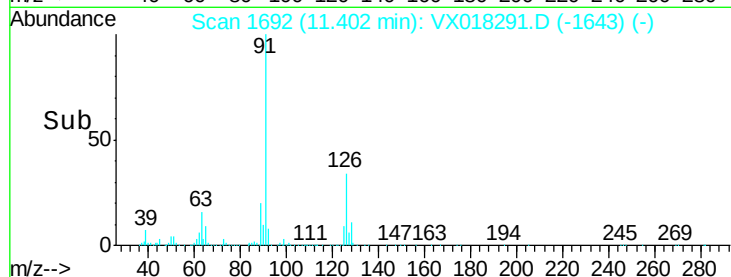
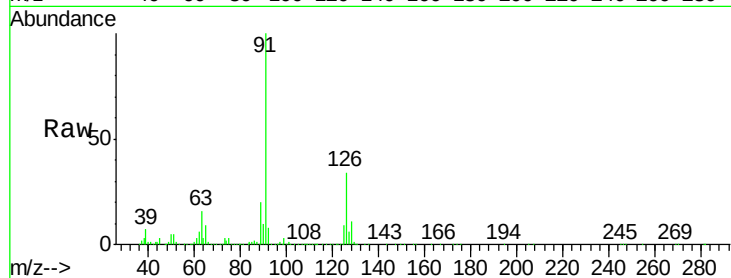
91 100

126 34.5 17.4 52.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 53.034 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018291.D

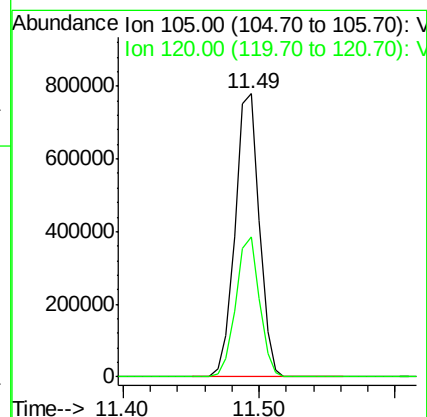
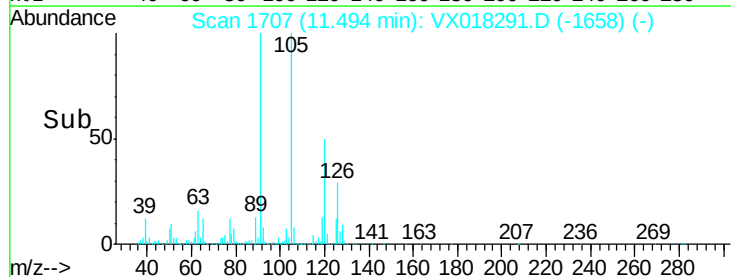
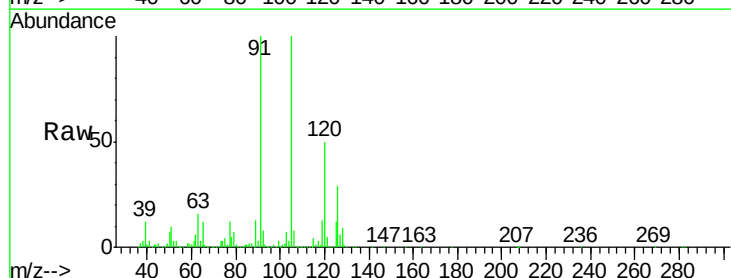
Acq: 08 Sep 2020 21:43

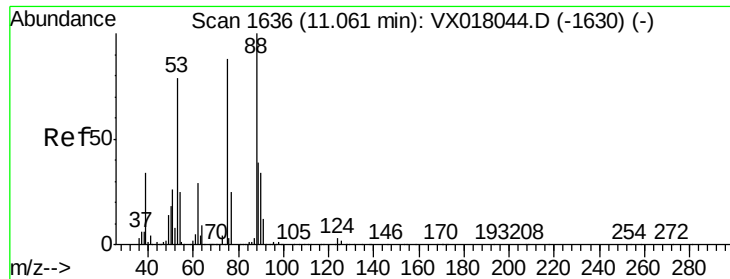
Tgt Ion: 105 Resp: 961939

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





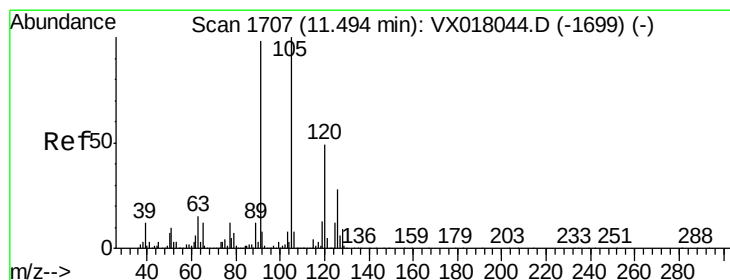
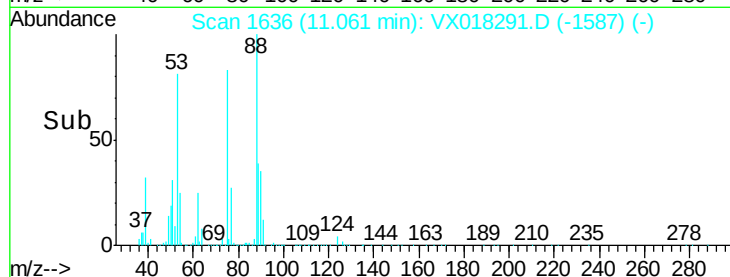
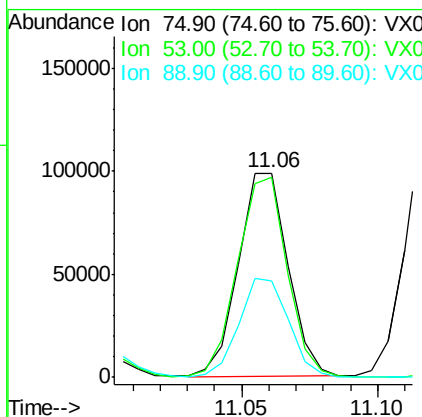
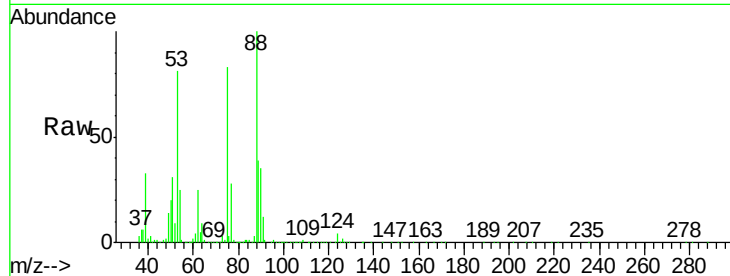
#81
trans-1,4-Dichloro-2-butene
Concen: 45.433 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.4	74.7	112.1
89	48.7	36.6	54.8

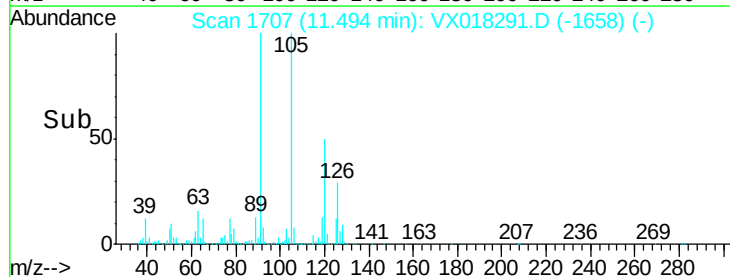
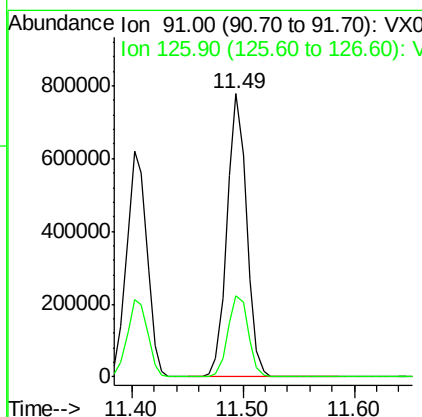
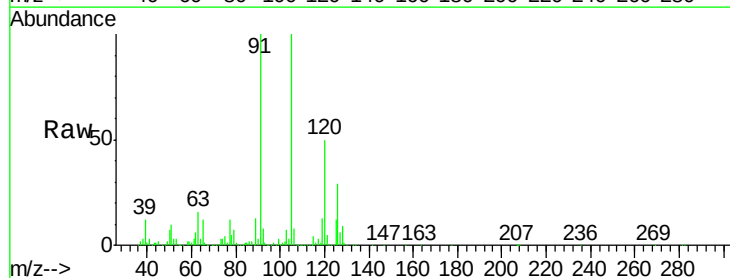
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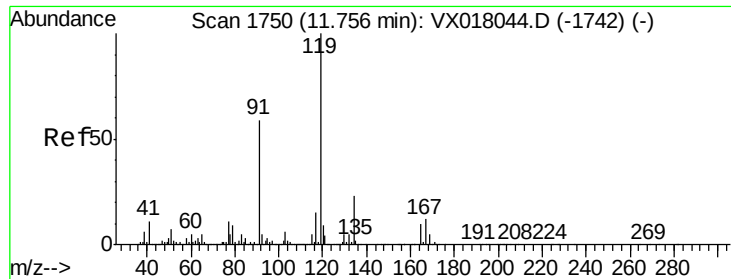
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.187 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.1	45.3





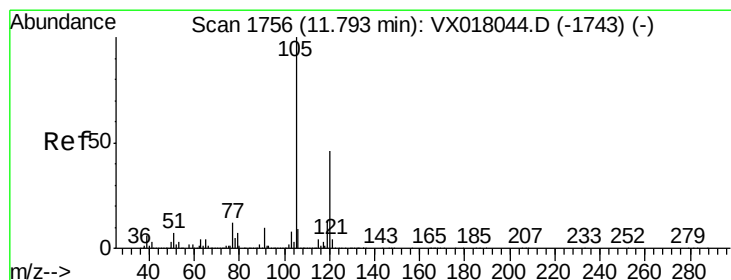
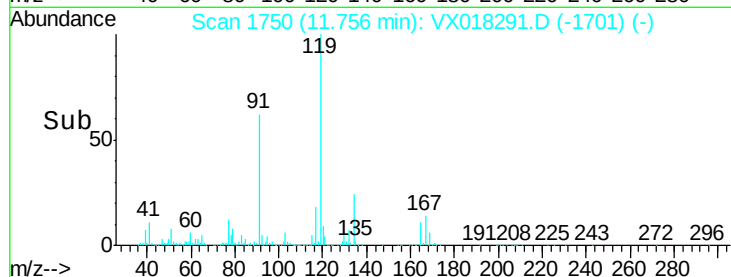
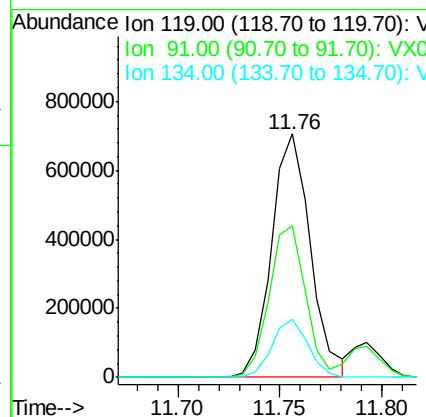
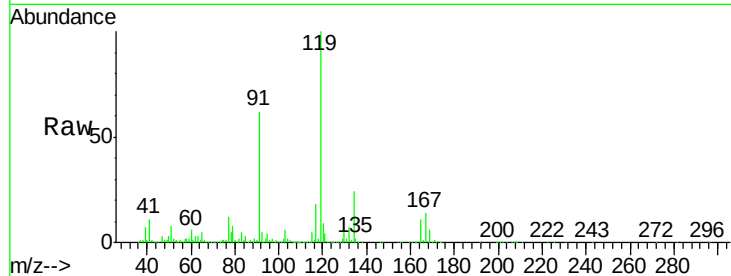
#83
 tert-Butylbenzene
 Concen: 52.336 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	936816		
91	58.5	28.2	84.7	
134	22.2	11.3	33.8	

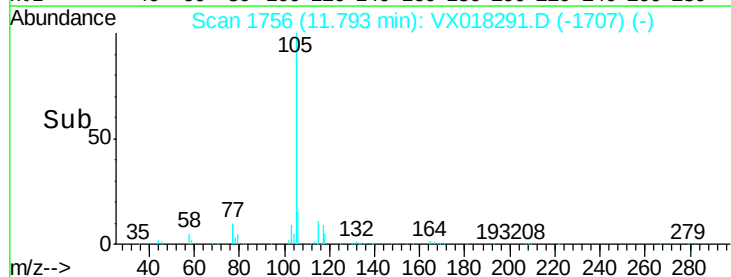
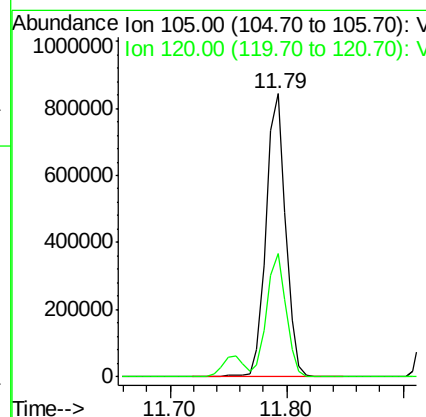
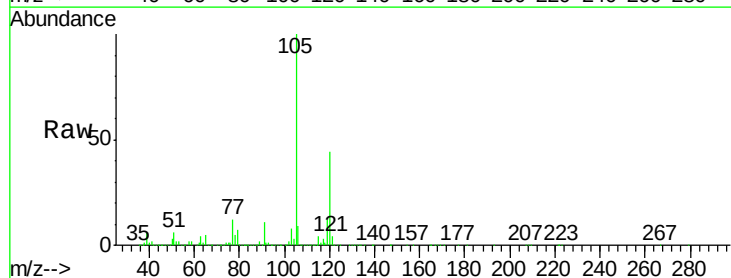
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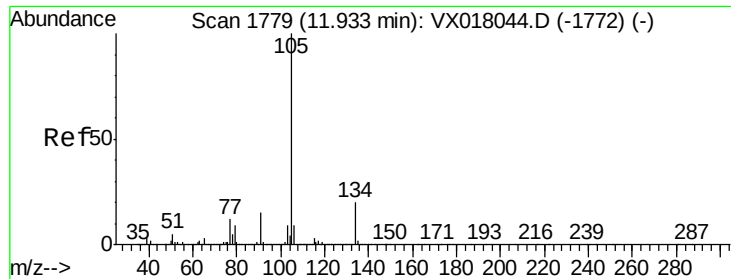
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.619 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	994325		
120	43.4	22.3	66.9	





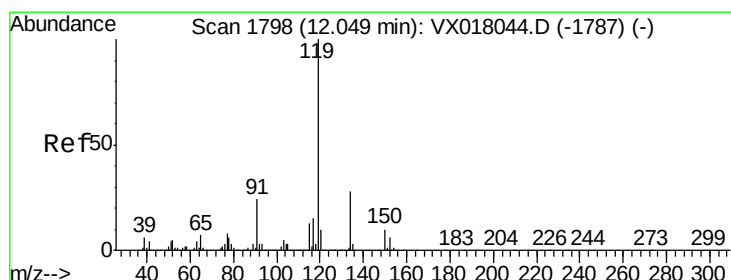
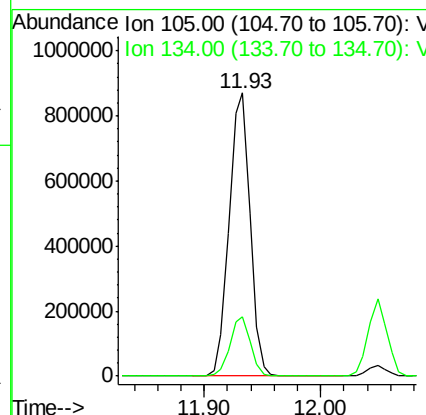
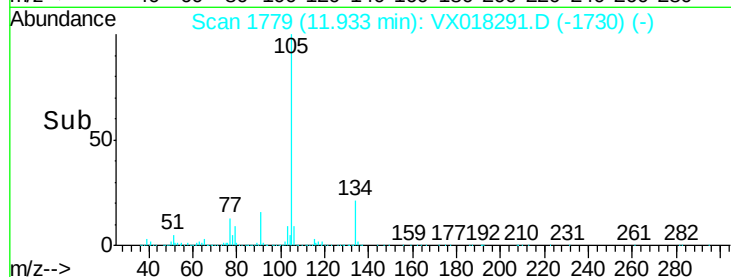
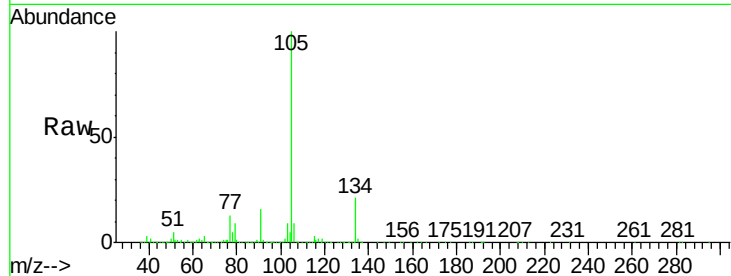
#85
 sec-Butylbenzene
 Concen: 52.975 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1078349
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3

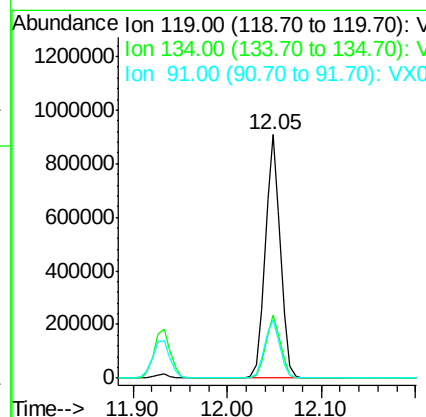
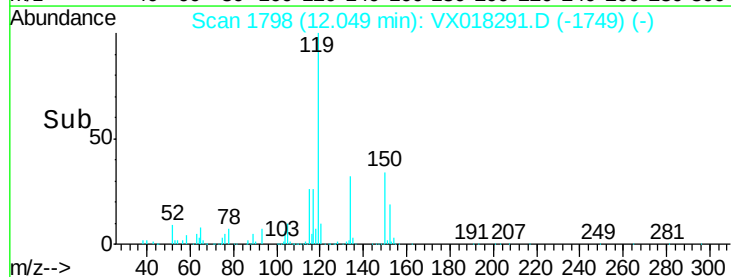
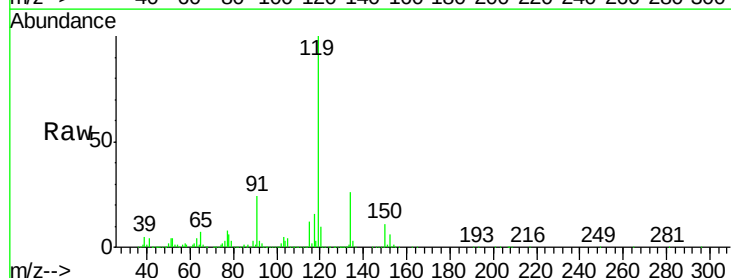
Manual Integrations
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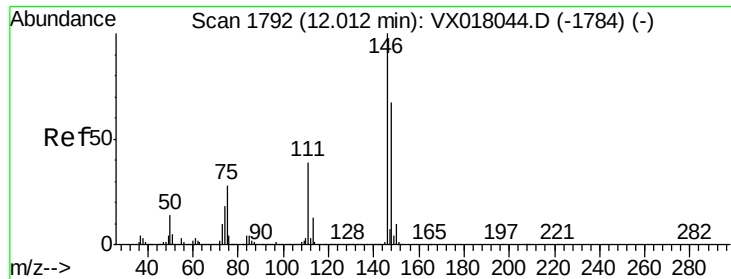
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#86
 p-Isopropyltoluene
 Concen: 54.855 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion:119 Resp: 1025680
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 24.5 11.8 35.4





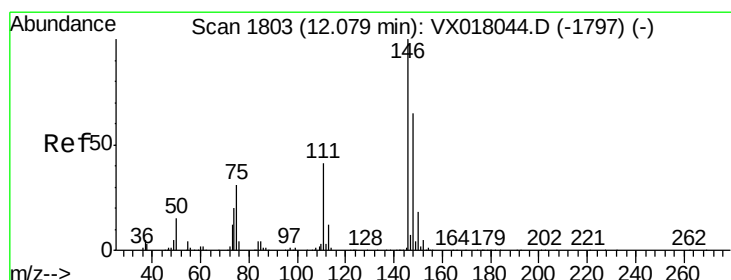
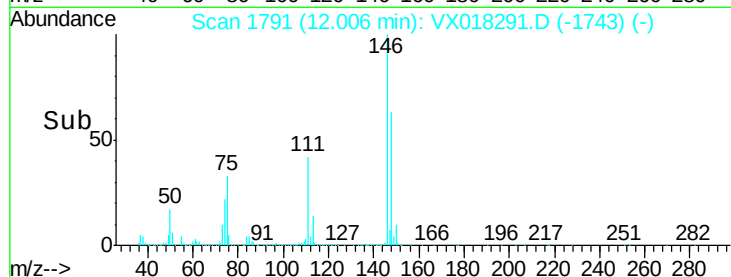
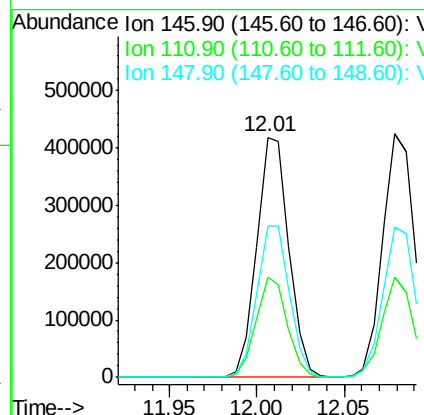
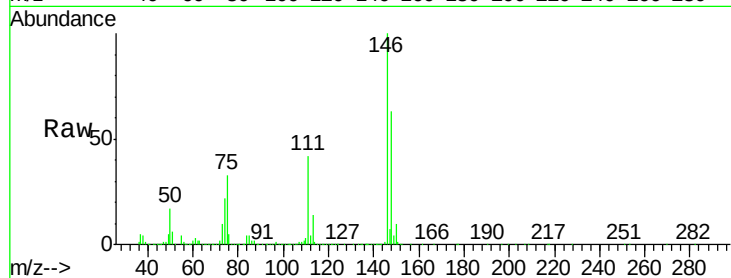
#87
 1,3-Dichlorobenzene
 Concen: 49.920 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	64.1	33.1	99.2

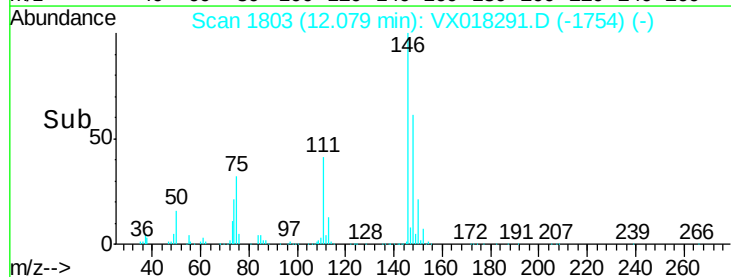
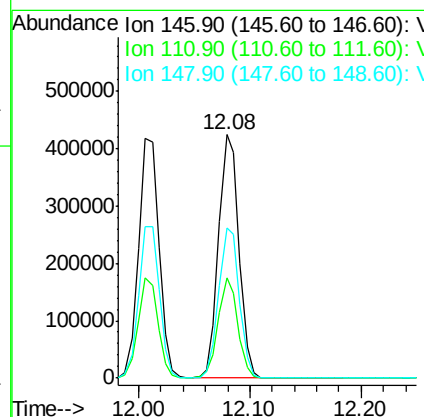
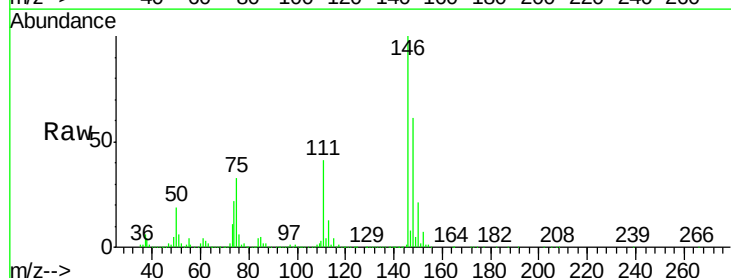
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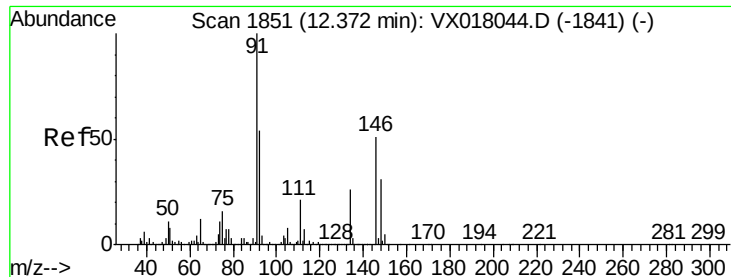
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#88
 1,4-Dichlorobenzene
 Concen: 50.033 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.8
148	62.5	33.1	99.2





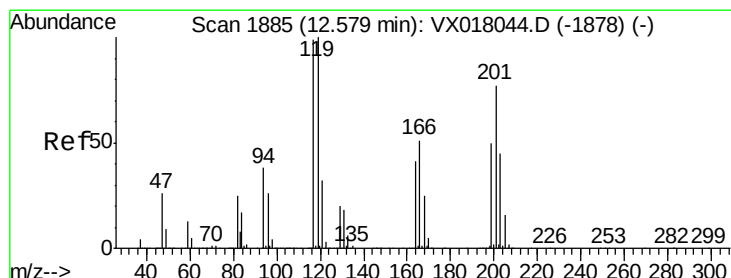
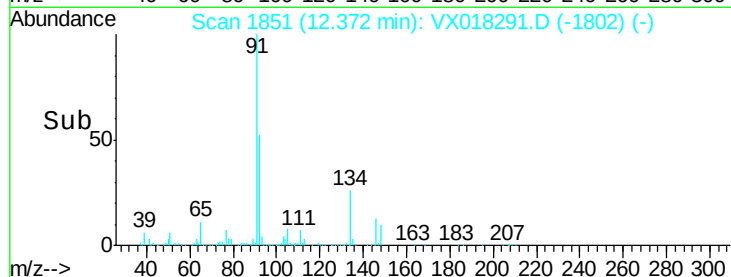
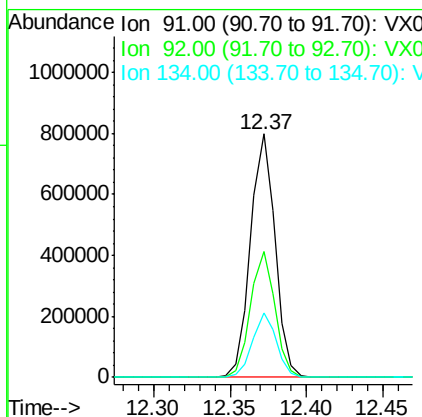
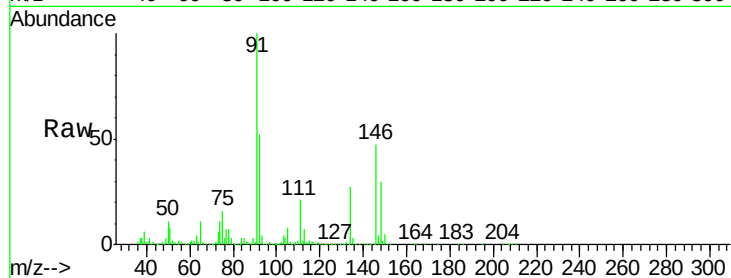
#89
n-Butylbenzene
Concen: 52.258 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.4	79.2
134	25.8	12.9	38.7

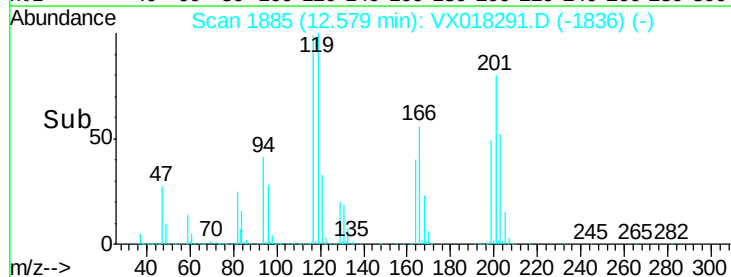
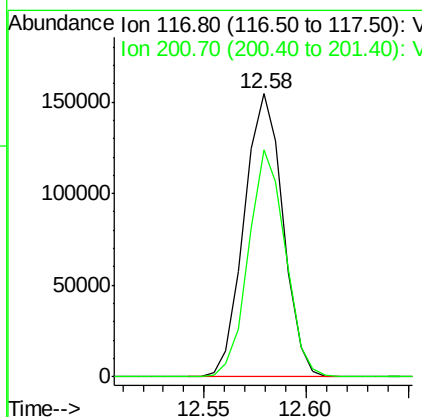
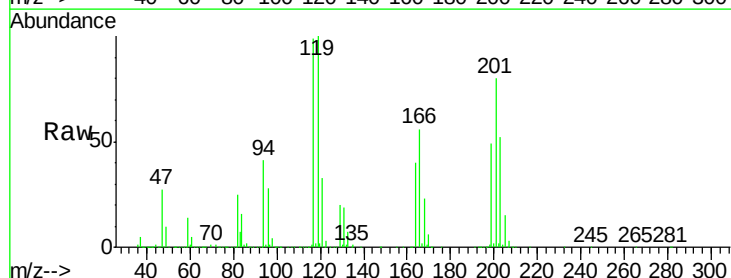
Manual Integrations
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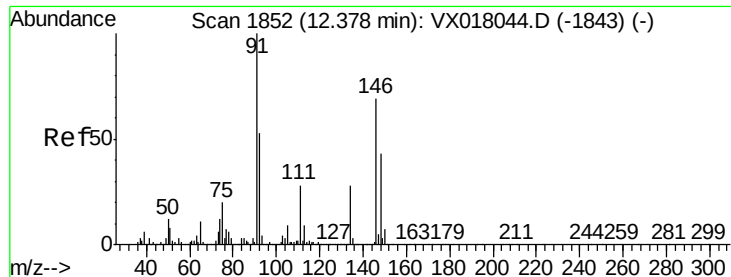
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#90
Hexachloroethane
Concen: 55.519 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.3	38.5	115.3





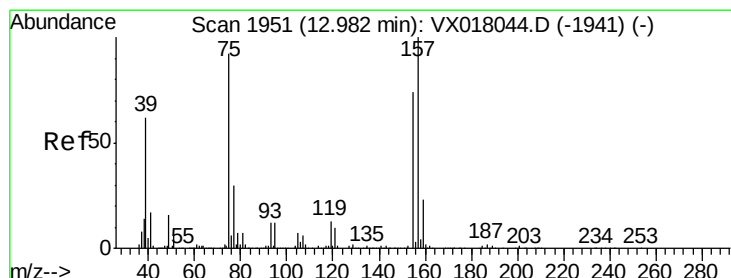
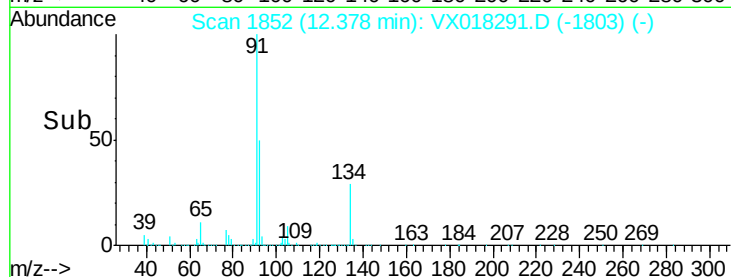
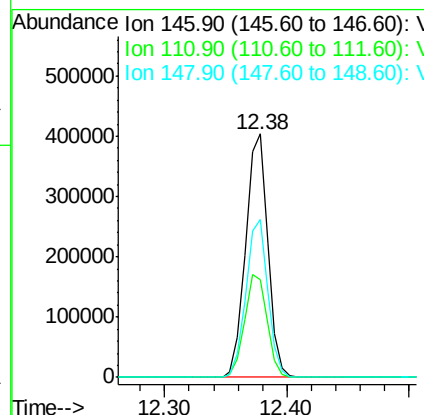
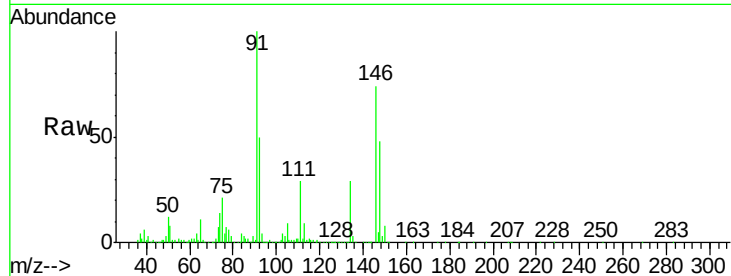
#91
 1,2-Dichlorobenzene
 Concen: 49.873 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	502893		
111	42.8	20.8	62.5	
148	64.2	31.6	95.0	

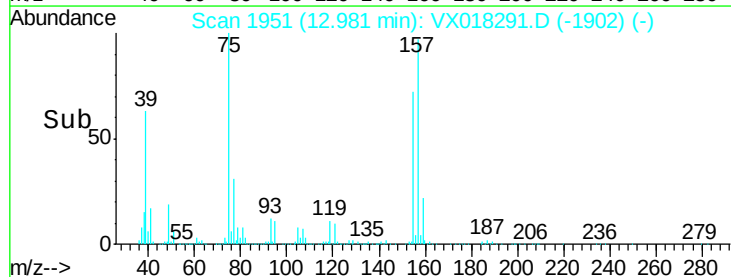
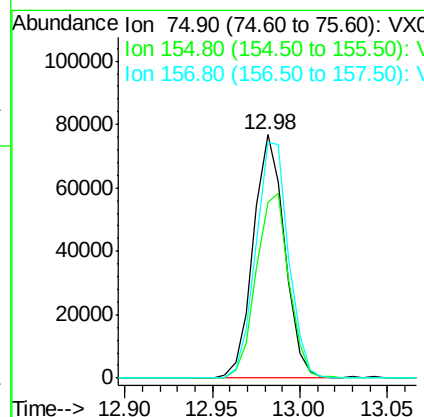
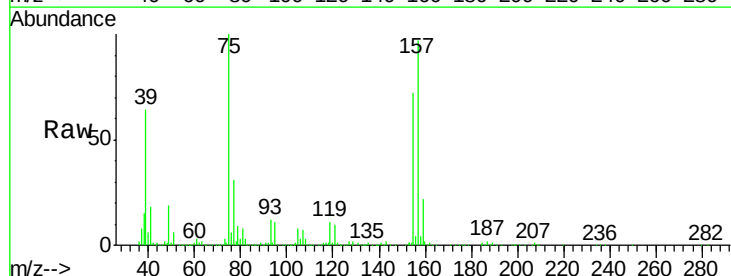
Manual Integrations
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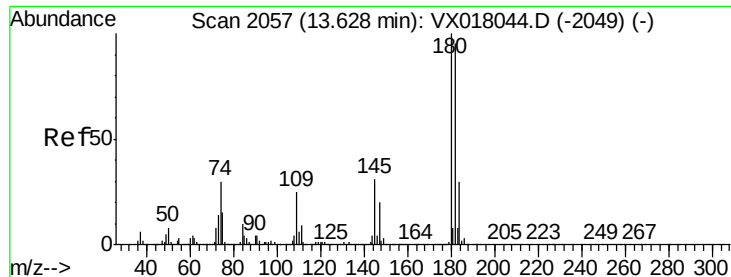
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.014 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	95426		
155	79.3	40.2	120.6	
157	101.3	55.0	165.2	





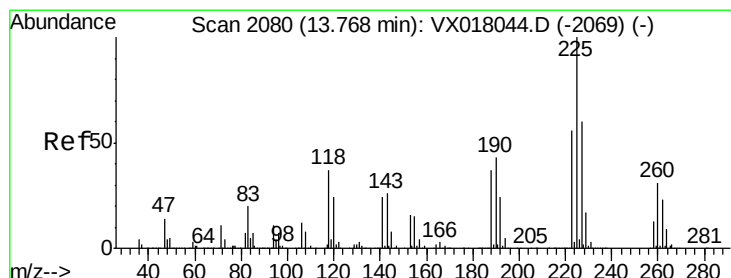
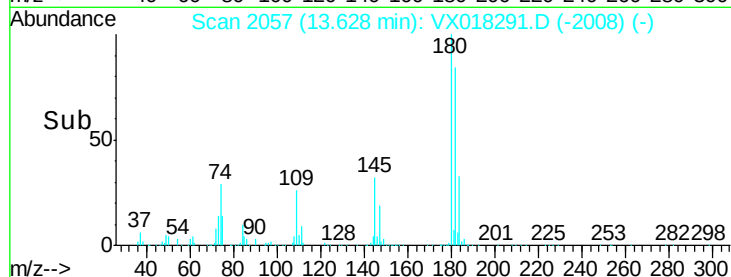
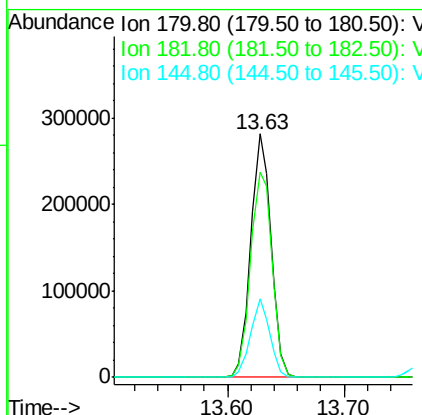
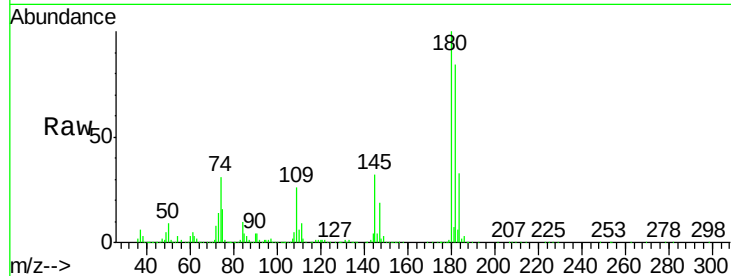
#93
 1,2,4-Trichlorobenzene
 Concen: 51.051 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	343266		
182	89.9	47.5	142.6	
145	30.8	15.7	47.1	

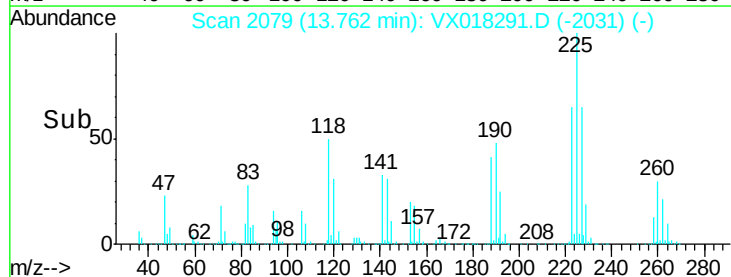
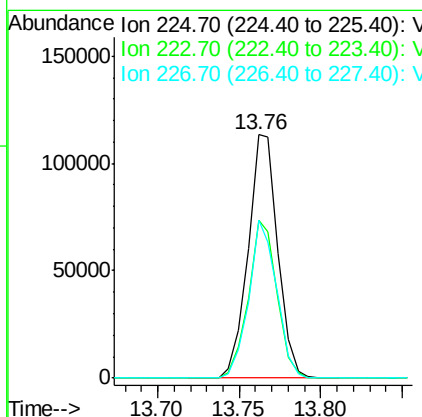
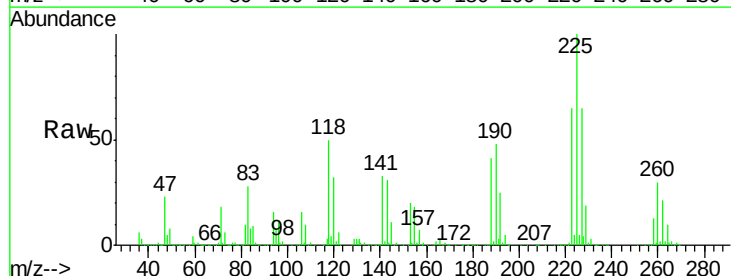
Manual Integrations
 APPROVED

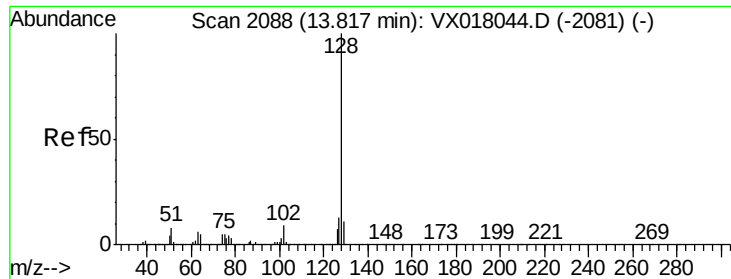
MMDadoda
 9/9/2020 8:48:09 PM



#94
 Hexachlorobutadiene
 Concen: 54.228 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018291.D
 Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143822		
223	62.5	30.7	92.1	
227	60.6	32.6	97.8	





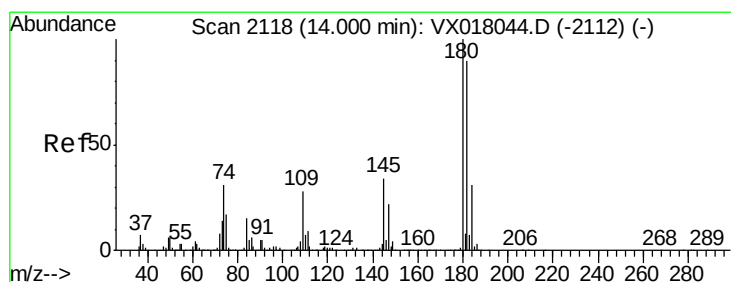
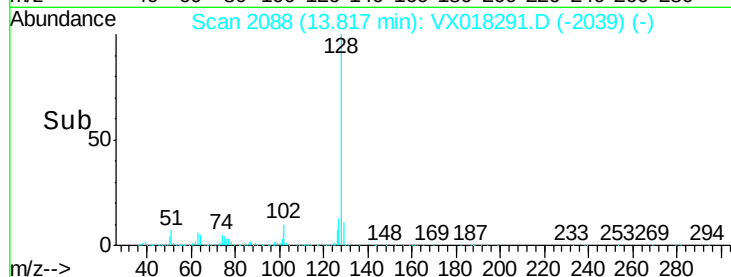
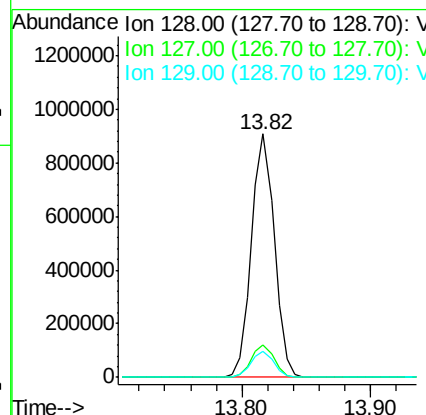
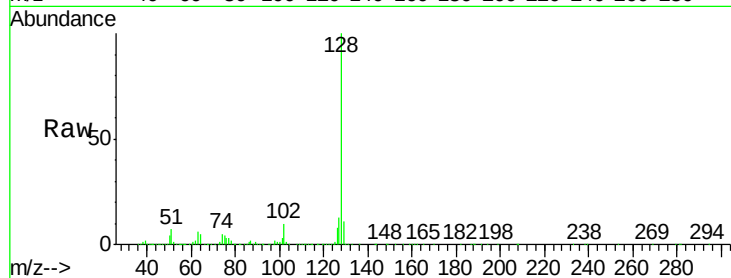
#95
Naphthalene
Concen: 50.017 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.184 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018291.D
Acq: 08 Sep 2020 21:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.3	142.0
145	34.6	17.5	52.6

