

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018176.D
 Acq On : 01 Sep 2020 03:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:02 AM

Quant Time: Sep 01 08:01:06 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	5.64	168	453908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	726413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	708758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	384313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	314546	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	5.47	113	240200	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.70	98	867551	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.12	95	355169	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	277429	50.201	ug/l	98
3) Chloromethane	1.31	50	276729	47.496	ug/l	99
4) Vinyl Chloride	1.39	62	275968	47.581	ug/l	98
5) Bromomethane	1.62	94	161233	57.634	ug/l	99
6) Chloroethane	1.70	64	160900	51.651	ug/l	93
7) Trichlorofluoromethane	1.91	101	433933	54.869	ug/l	97
8) Diethyl Ether	2.17	74	139085	51.858	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	216131	50.550	ug/l	98
10) Methyl Iodide	2.49	142	255182	55.172	ug/l	99
11) Tert butyl alcohol	3.02	59	282612	230.662	ug/l	99
12) 1,1-Dichloroethene	2.36	96	219355	49.451	ug/l	97
13) Acrolein	2.28	56	148196	291.708	ug/l	100
14) Allyl chloride	2.70	41	377672	47.390	ug/l	97
15) Acrylonitrile	3.12	53	673283	242.252	ug/l	99
16) Acetone	2.42	43	612344	249.385	ug/l	97
17) Carbon Disulfide	2.55	76	613176	45.727	ug/l	98
18) Methyl Acetate	2.75	43	314072	53.006	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	782601	51.444	ug/l	100
20) Methylene Chloride	2.83	84	253528	50.510	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	235678	47.956	ug/l	99
22) Diisopropyl ether	3.82	45	787980	50.096	ug/l	89
23) Vinyl Acetate	3.79	43	3505099	250.433	ug/l	99
24) 1,1-Dichloroethane	3.67	63	451065	50.377	ug/l	99
25) 2-Butanone	4.64	43	940778	233.133	ug/l	100
26) 2,2-Dichloropropane	4.55	77	267032	36.654	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	268503	47.419	ug/l	97
28) Bromochloromethane	4.98	49	190295	44.030	ug/l	97
29) Tetrahydrofuran	5.09	42	609395	237.226	ug/l	98
30) Chloroform	5.18	83	466739	50.342	ug/l	95
31) Cyclohexane	5.55	56	359772	47.700	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	435468	51.182	ug/l	99
36) 1,1-Dichloropropene	5.77	75	335661	50.098	ug/l	99
37) Ethyl Acetate	4.80	43	370308	47.587	ug/l	99
38) Carbon Tetrachloride	5.75	117	399139	52.862	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	358614	48.949	ug/l	99
40) Benzene	6.11	78	969606	49.250	ug/l	100
41) Methacrylonitrile	5.00	41	207583	48.583	ug/l	98
42) 1,2-Dichloroethane	6.16	62	393612	52.183	ug/l	99
43) Isopropyl Acetate	6.42	43	609338	48.480	ug/l	99
44) Trichloroethene	7.19	130	275481	49.522	ug/l	99
45) 1,2-Dichloropropane	7.49	63	257107	48.455	ug/l	98
46) Dibromomethane	7.64	93	183548	49.191	ug/l	99
47) Bromodichloromethane	7.88	83	385757	51.777	ug/l	99
48) Methyl methacrylate	7.74	41	304101	48.602	ug/l	98
49) 1,4-Dioxane	7.71	88	104160	919.019	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1922775	247.655	ug/l	100
52) Toluene	8.77	92	627560	50.270	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	401931	48.676	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	406460	46.468	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	267140	50.175	ug/l	97
56) Ethyl methacrylate	9.16	69	406376	51.342	ug/l	99
57) 1,3-Dichloropropane	9.35	76	438683	49.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	793002	222.720	ug/l	98
59) 2-Hexanone	9.48	43	1492590	252.828	ug/l	100
60) Dibromochloromethane	9.57	129	329783	52.801	ug/l	98
61) 1,2-Dibromoethane	9.65	107	292749	50.646	ug/l	98
64) Tetrachloroethene	9.32	164	264497	50.783	ug/l	95
65) Chlorobenzene	10.12	112	701546	49.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	288240	51.664	ug/l	97
67) Ethyl Benzene	10.24	91	1235982	51.344	ug/l	99
68) m/p-Xylenes	10.34	106	932822	103.819	ug/l	96
69) o-Xylene	10.68	106	455041	52.243	ug/l	97
70) Styrene	10.70	104	783728	52.836	ug/l	98
71) Bromoform	10.84	173	246991	51.902	ug/l	98
73) Isopropylbenzene	11.00	105	1240759	48.946	ug/l	100
74) N-amyl acetate	10.88	43	563520	46.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	387943	43.382	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	377241m	44.126	ug/l	
77) Bromobenzene	11.24	156	339171	48.403	ug/l	95
78) n-propylbenzene	11.34	91	1409444	48.967	ug/l	100
79) 2-Chlorotoluene	11.40	91	861693	48.456	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1069379	51.335	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	131307	41.482	ug/l	99
82) 4-Chlorotoluene	11.49	91	1007723	47.668	ug/l	99
83) tert-Butylbenzene	11.76	119	1031428	50.172	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1089729	51.167	ug/l	99
85) sec-Butylbenzene	11.93	105	1197964	51.243	ug/l	99
86) p-Isopropyltoluene	12.05	119	1114760	51.911	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	567719	46.146	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	571332	46.381	ug/l	99
89) n-Butylbenzene	12.37	91	942850	48.105	ug/l	99
90) Hexachloroethane	12.58	117	217300	51.432	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	546473	47.188	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	103435	46.260	ug/l	97

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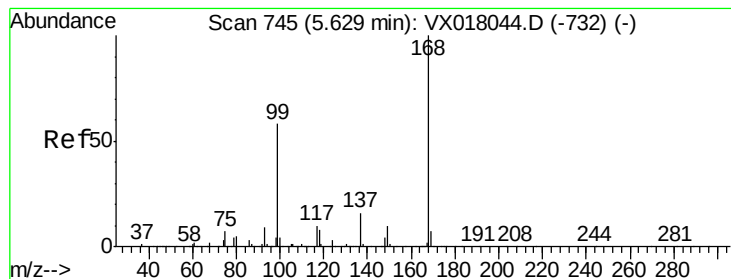
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	375320	48.602	ug/l	97
94) Hexachlorobutadiene	13.77	225	149893	49.211	ug/l	98
95) Naphthalene	13.82	128	1235559	48.616	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364514	47.771	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 453908

Ion Ratio Lower Upper

168 100

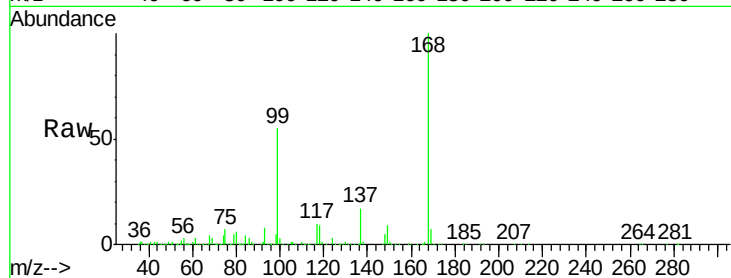
99 55.0 46.3 69.5

Manual Integrations

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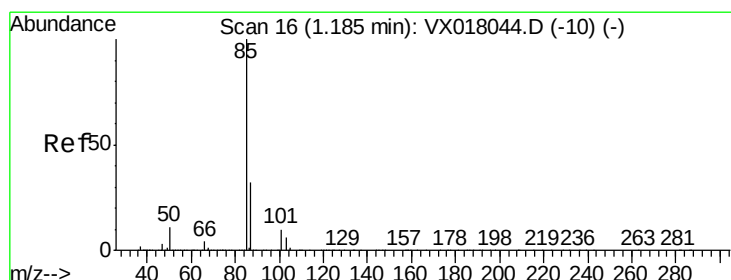
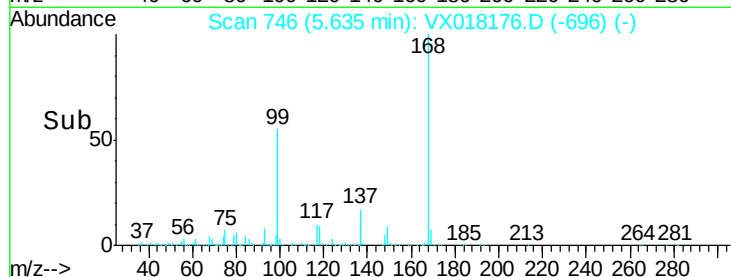
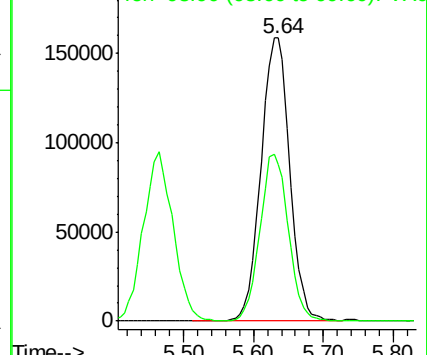
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.201 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018176.D

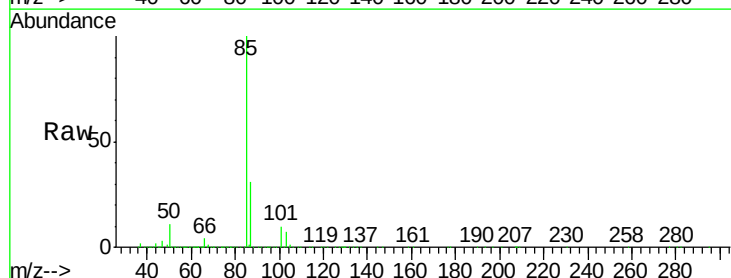
Acq: 01 Sep 2020 03:18

Tgt Ion: 85 Resp: 277429

Ion Ratio Lower Upper

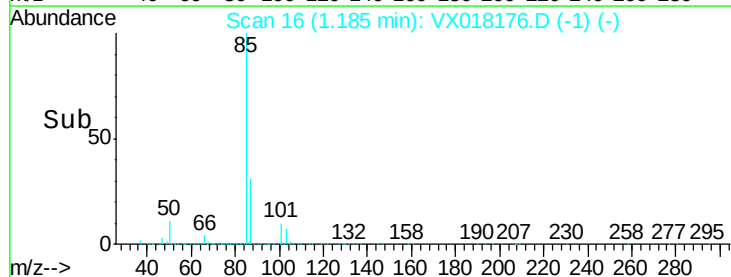
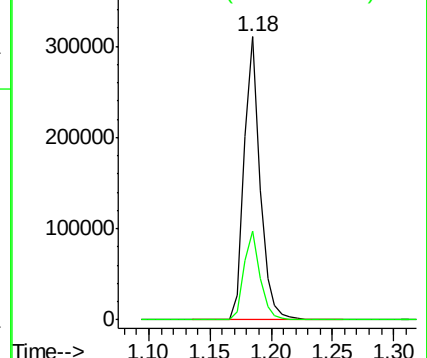
85 100

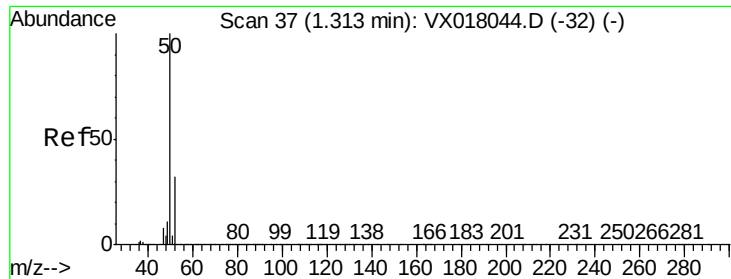
87 31.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.496 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 276729

Ion Ratio Lower Upper

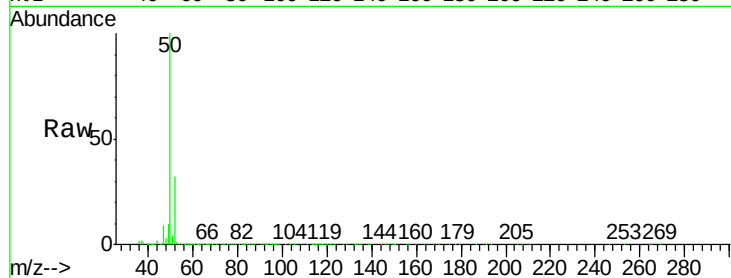
50 100

52 32.3 25.4 38.2

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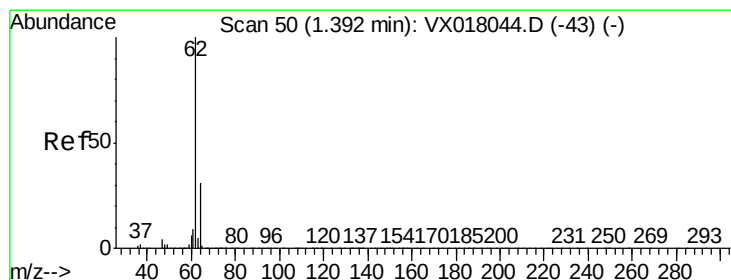
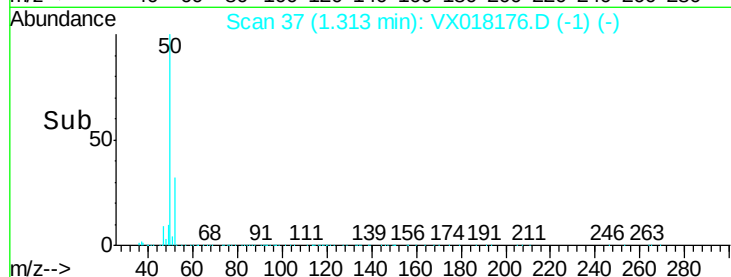
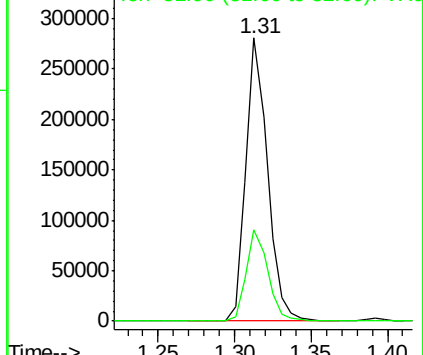
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.581 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018176.D

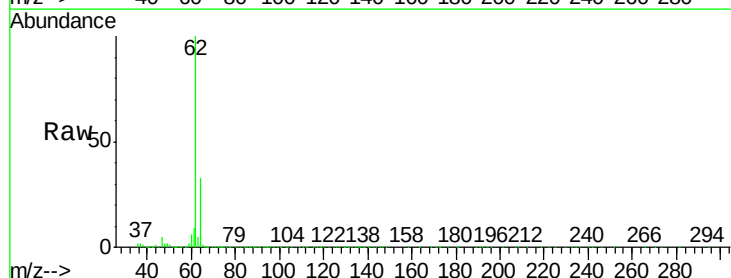
Acq: 01 Sep 2020 03:18

Tgt Ion: 62 Resp: 275968

Ion Ratio Lower Upper

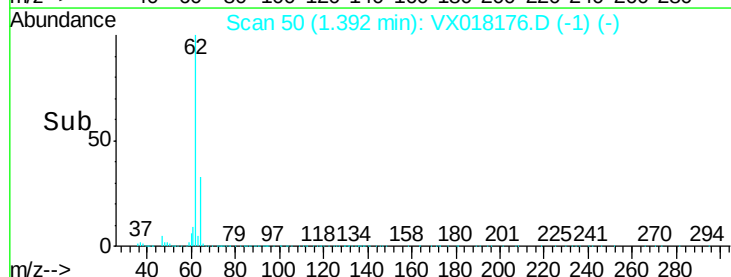
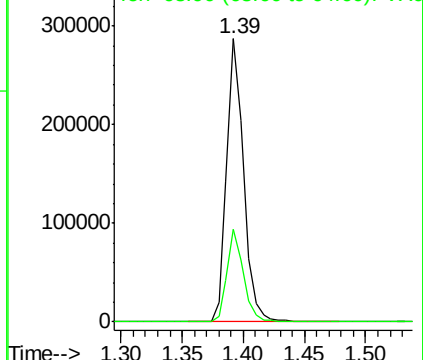
62 100

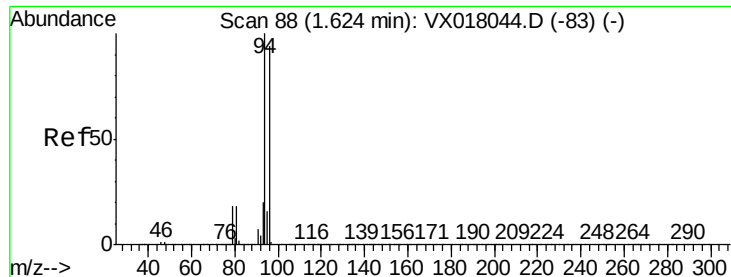
64 32.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.634 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 161233

Ion Ratio Lower Upper

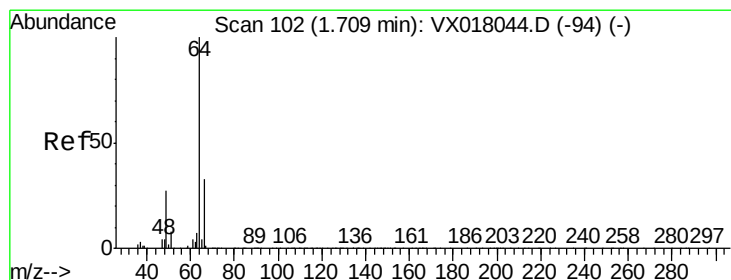
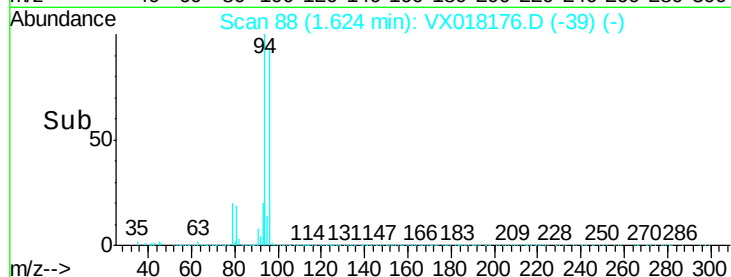
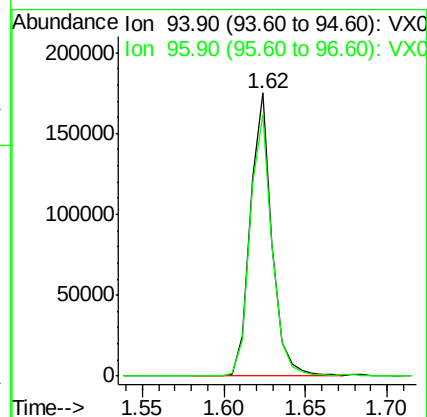
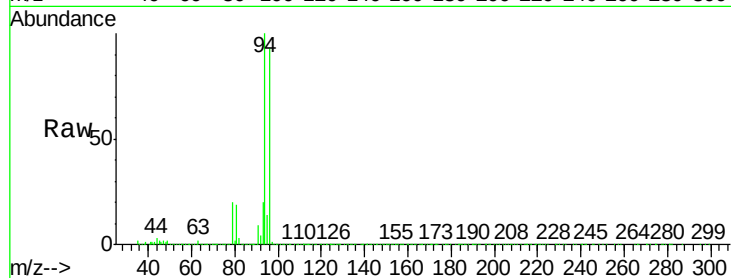
94 100

96 92.4 74.8 112.2

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#6

Chloroethane

Concen: 51.651 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018176.D

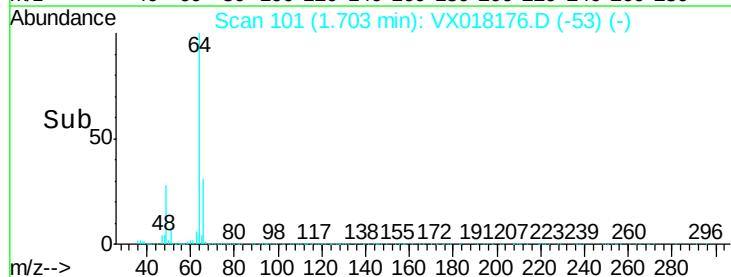
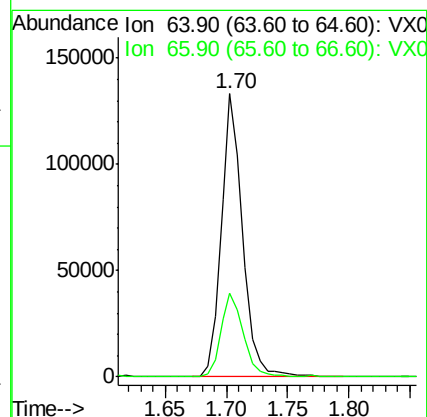
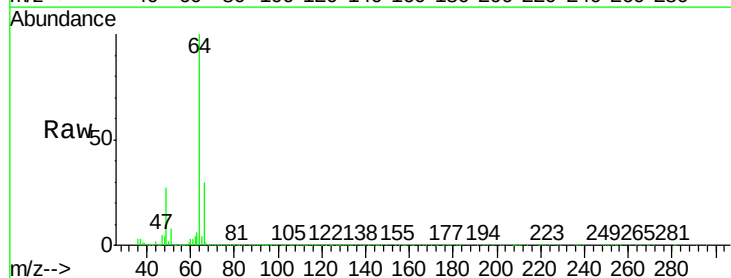
Acq: 01 Sep 2020 03:18

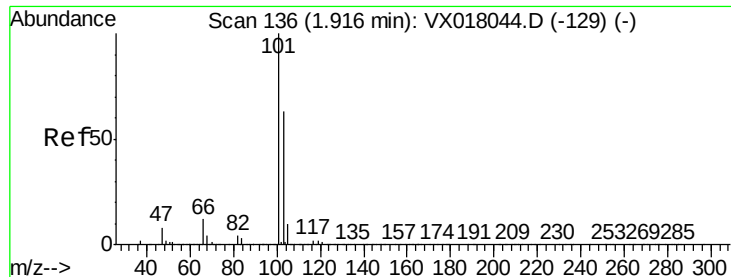
Tgt Ion: 64 Resp: 160900

Ion Ratio Lower Upper

64 100

66 29.4 26.6 39.8





#7

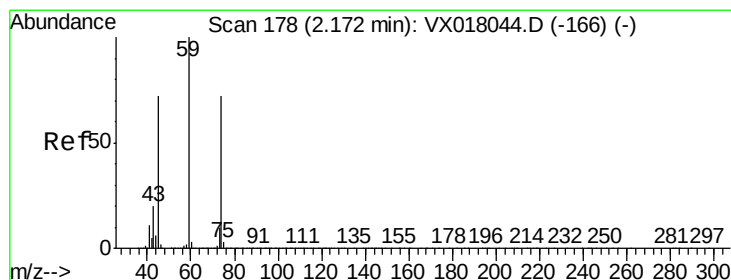
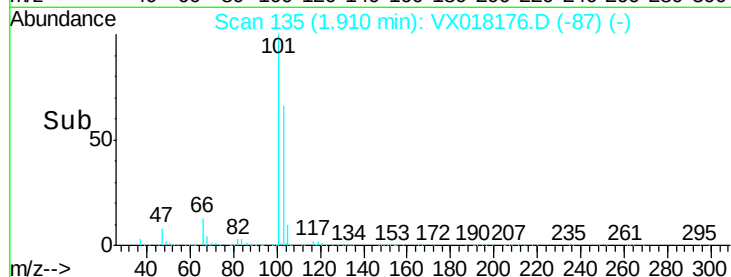
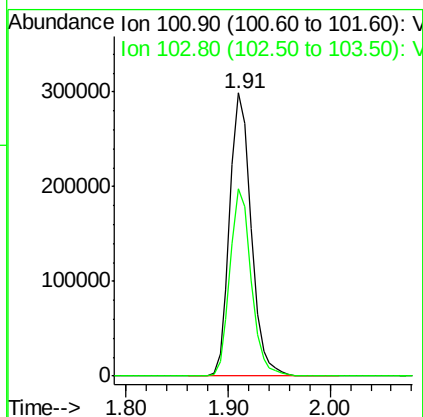
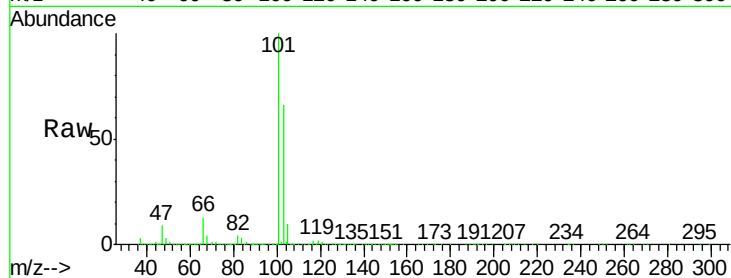
Trichlorofluoromethane
Concen: 54.869 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 433933
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

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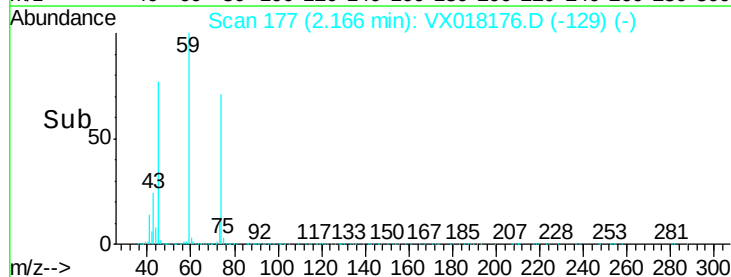
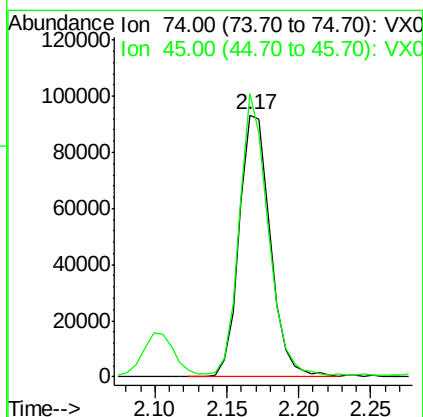
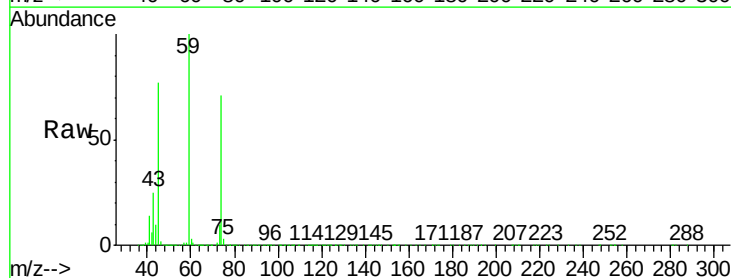
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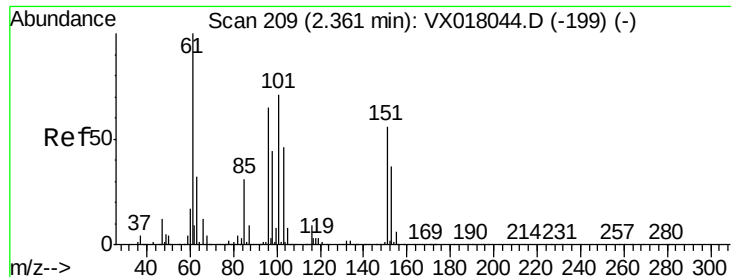


#8

Diethyl Ether
Concen: 51.858 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion: 74 Resp: 139085
Ion Ratio Lower Upper
74 100
45 99.9 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.550 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

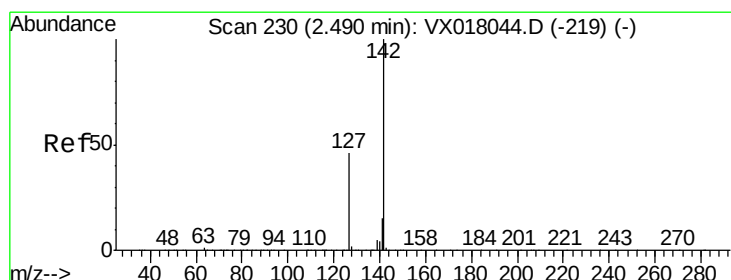
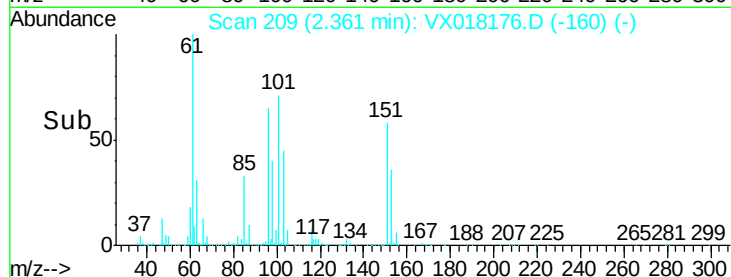
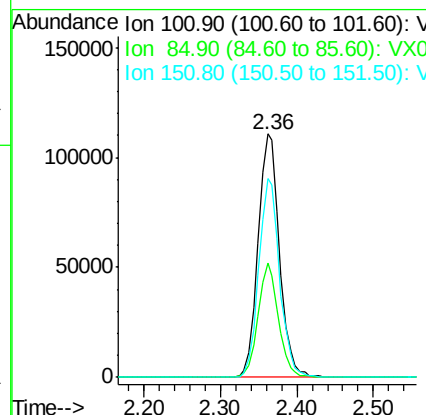
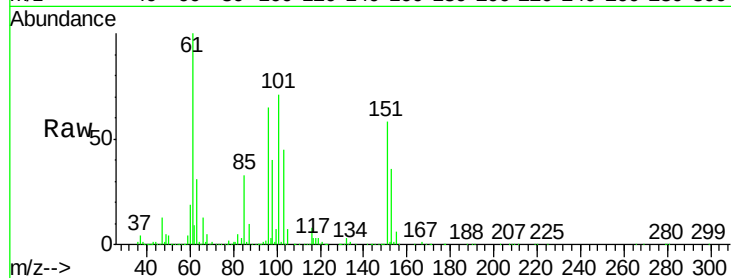
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	216131
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.0	51.0
151	79.9	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 55.172 ug/l

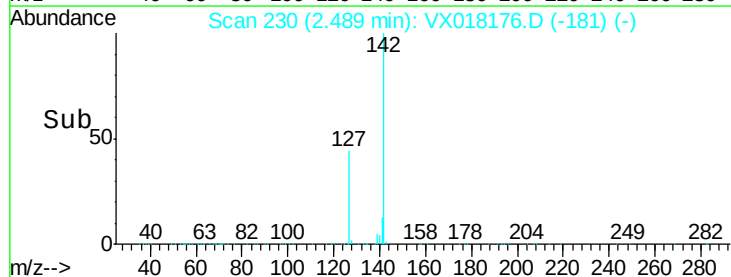
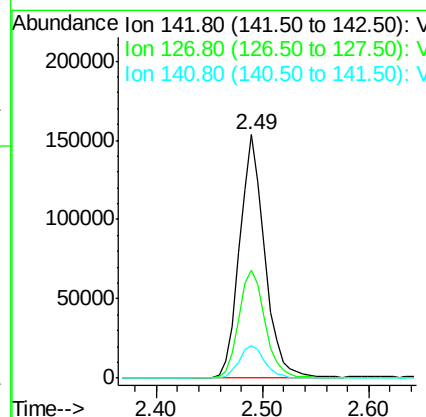
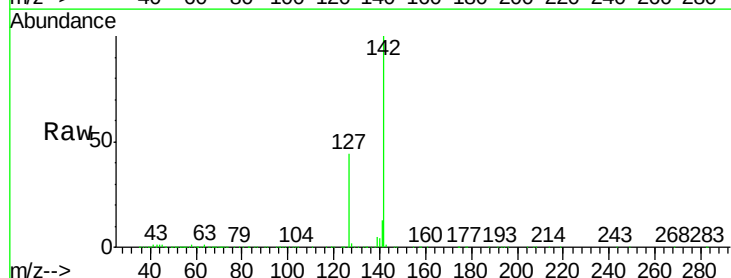
RT: 2.49 min Scan# 230

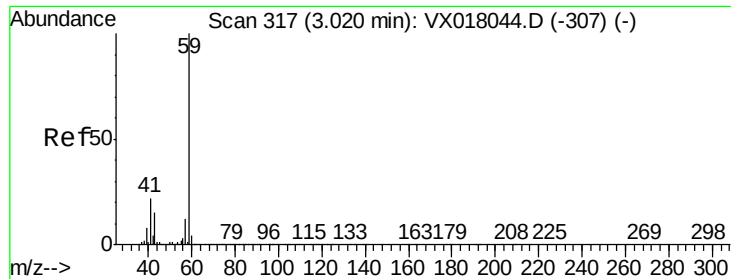
Delta R.T. 0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	142	Resp:	255182
Ion Ratio	Lower	Upper	
142	100		
127	46.7	37.0	55.6
141	13.9	11.5	17.3





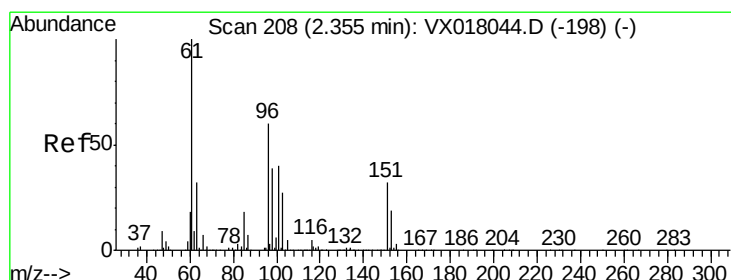
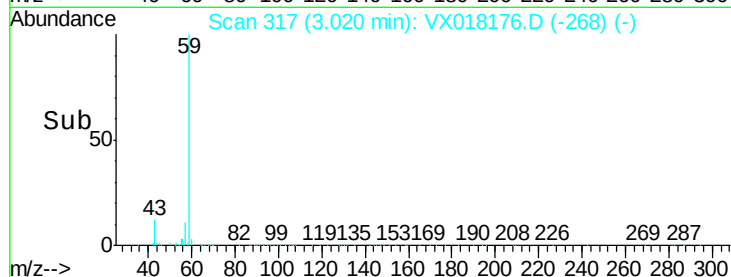
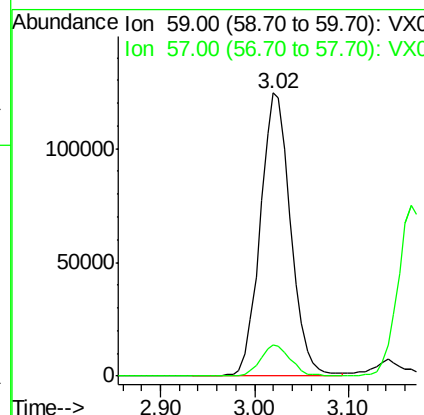
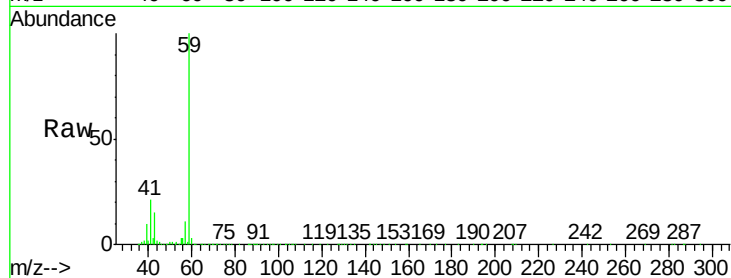
#11
Tert butyl alcohol
Concen: 230.662 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3

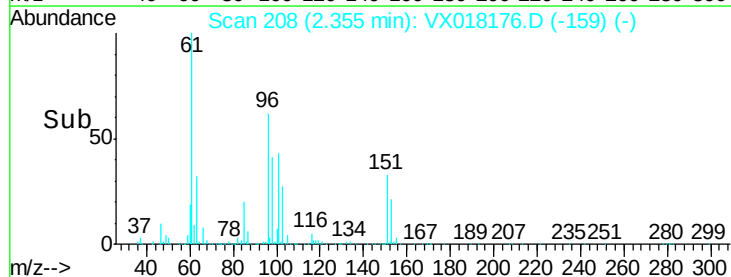
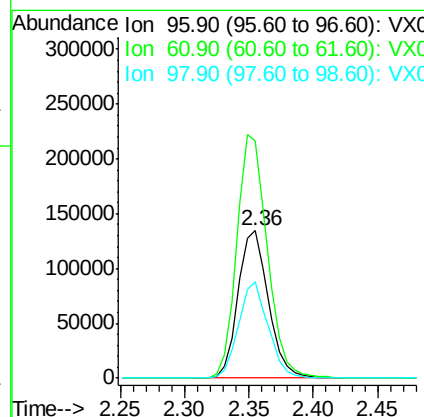
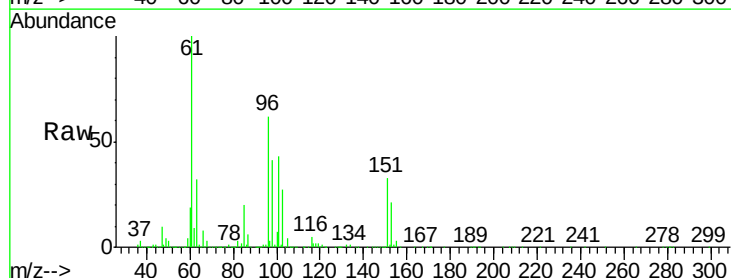
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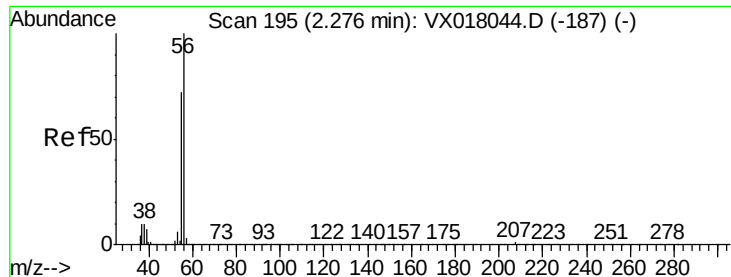
MMDadoda
9/1/2020 9:08:02 AM



#12
1,1-Dichloroethene
Concen: 49.451 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.5	133.0	199.4
98	65.7	51.6	77.4





#13

Acrolein

Concen: 291.708 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 148196

Ion Ratio Lower Upper

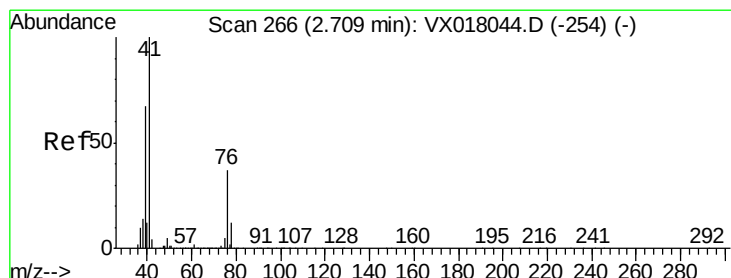
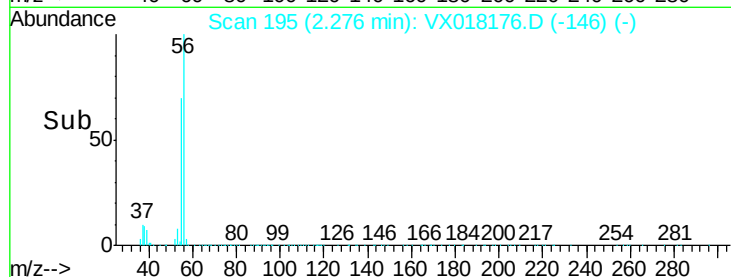
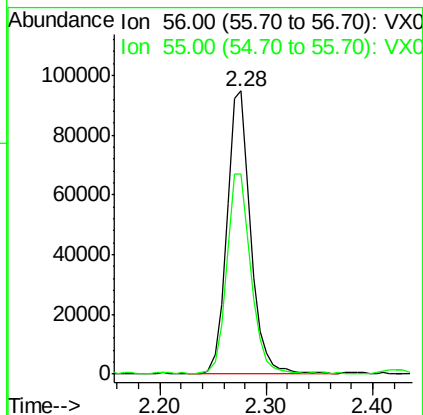
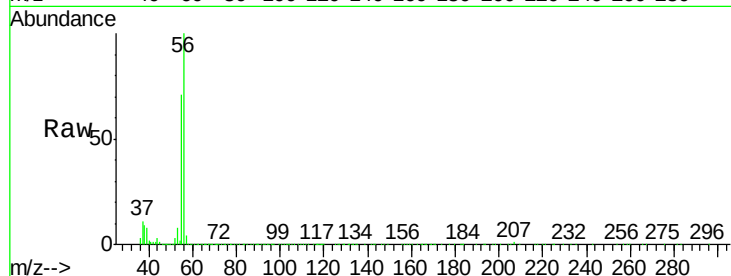
56 100

55 71.2 57.0 85.6

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#14

Allyl chloride

Concen: 47.390 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

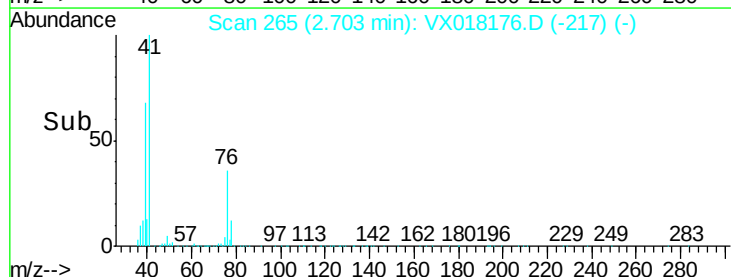
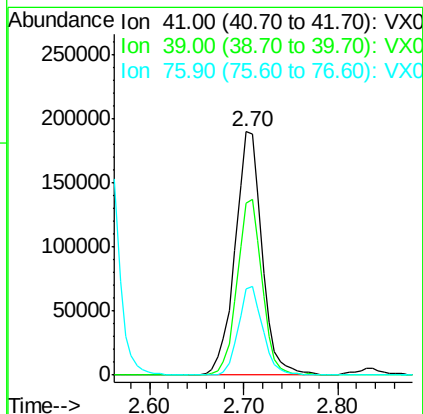
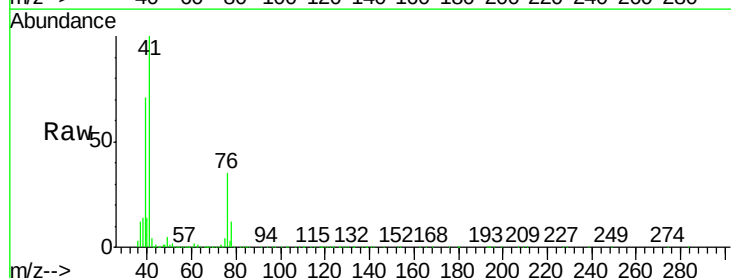
Tgt Ion: 41 Resp: 377672

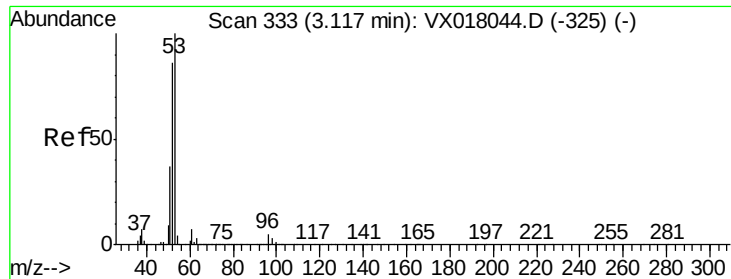
Ion Ratio Lower Upper

41 100

39 66.8 50.6 76.0

76 32.8 26.2 39.2





#15

Acrylonitrile

Concen: 242.252 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

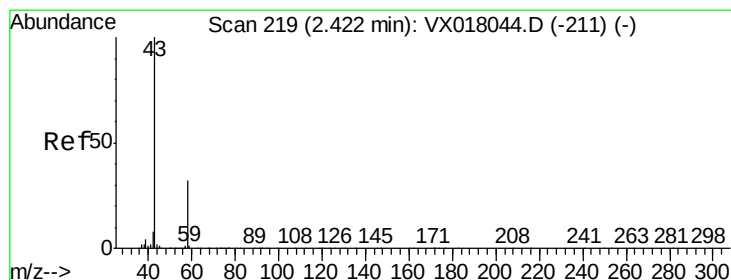
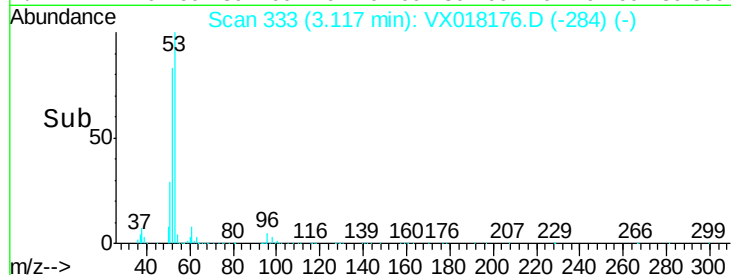
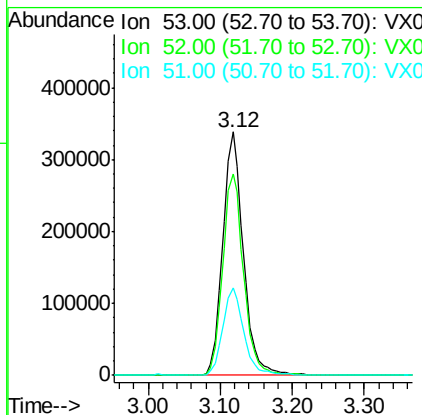
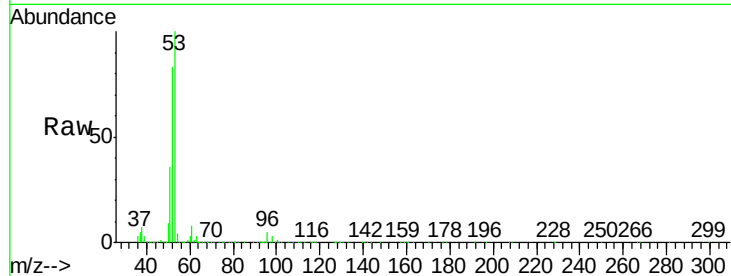
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	673283
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.9	100.3
51	36.8	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 249.385 ug/l

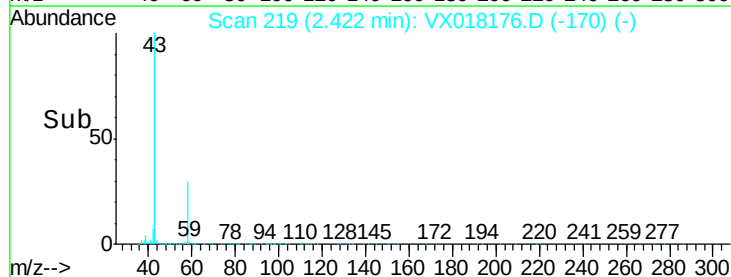
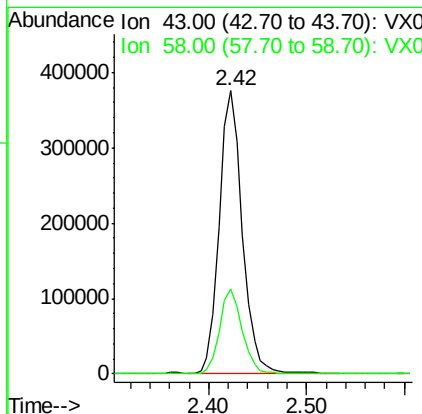
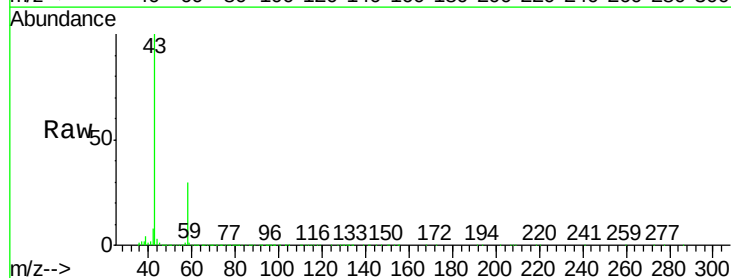
RT: 2.42 min Scan# 219

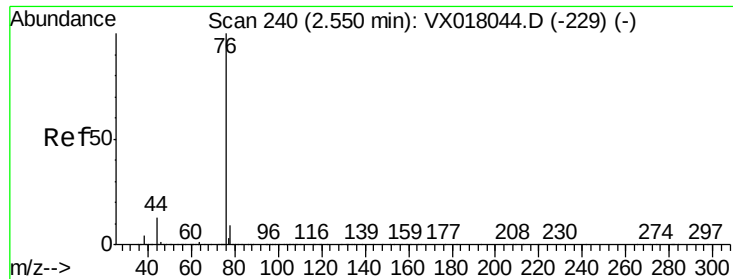
Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	43	Resp:	612344
Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.5	38.3





#17

Carbon Disulfide

Concen: 45.727 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 613176

Ion Ratio Lower Upper

76 100

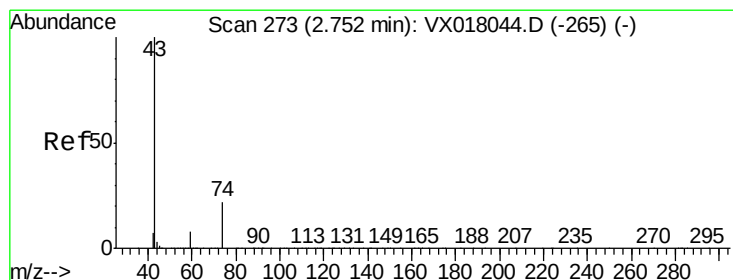
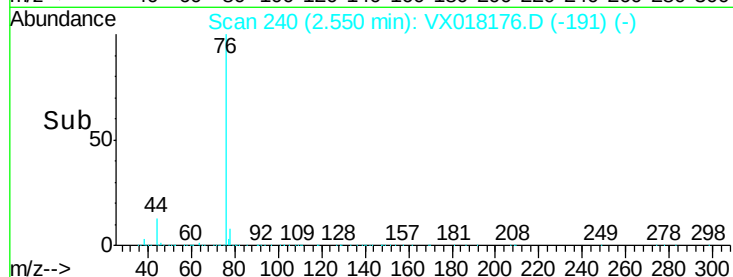
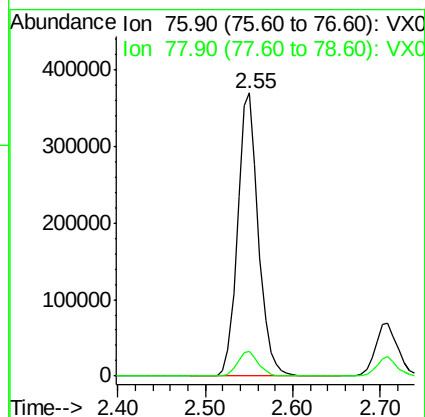
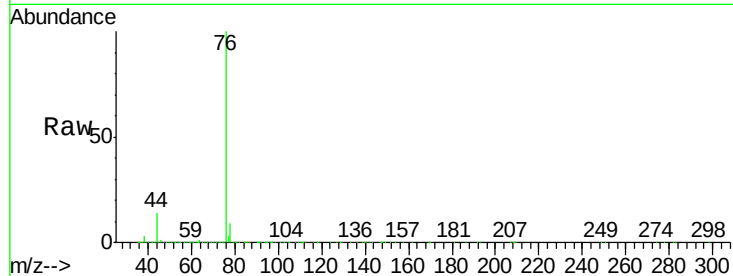
78 8.5 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 53.006 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018176.D

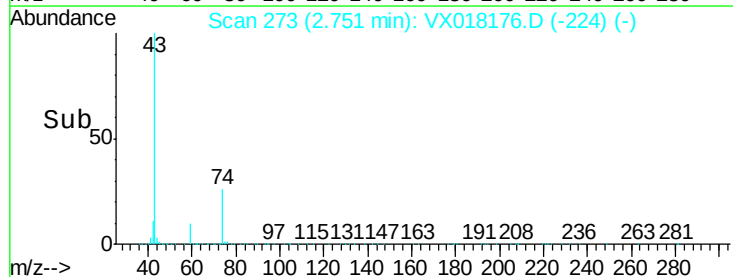
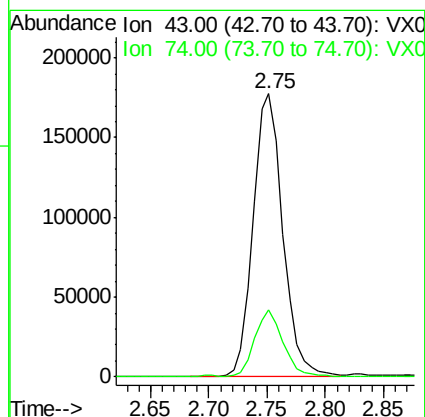
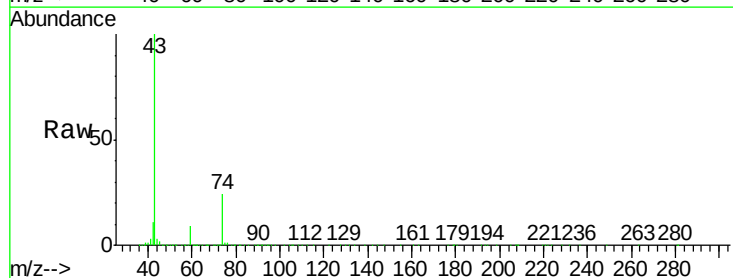
Acq: 01 Sep 2020 03:18

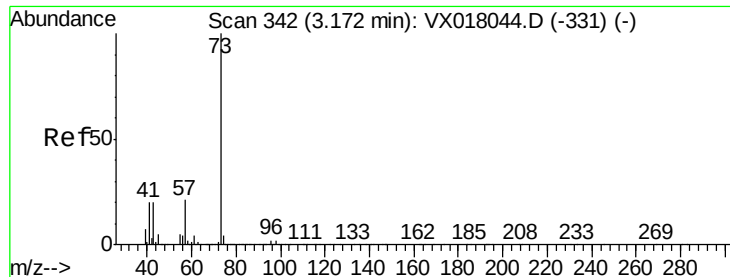
Tgt Ion: 43 Resp: 314072

Ion Ratio Lower Upper

43 100

74 22.7 18.2 27.4





#19

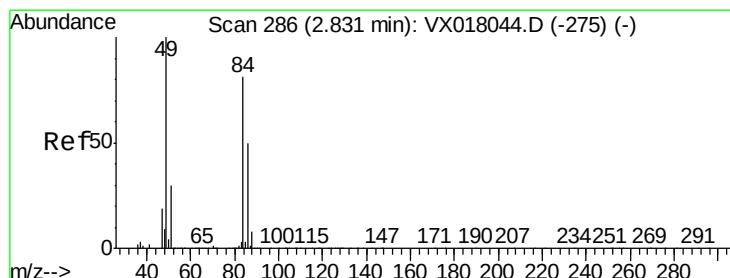
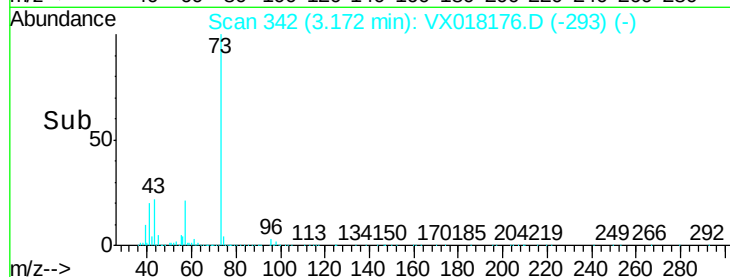
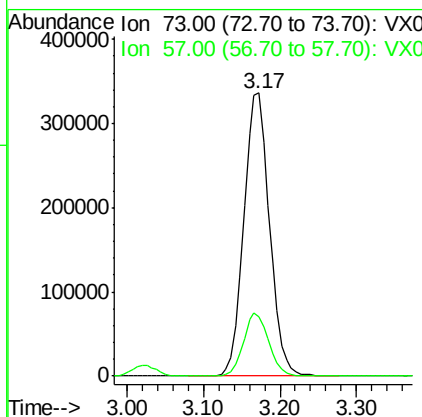
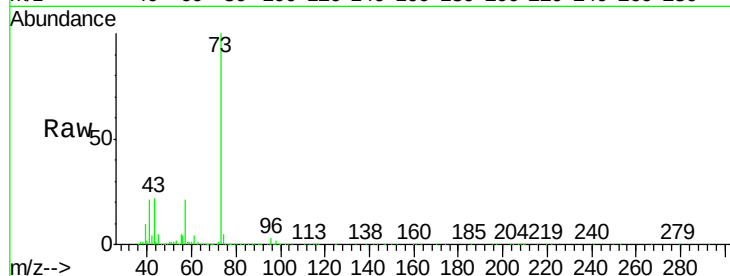
Methyl tert-butyl Ether
 Concen: 51.444 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

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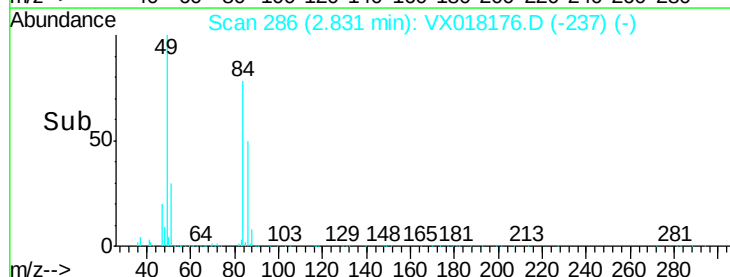
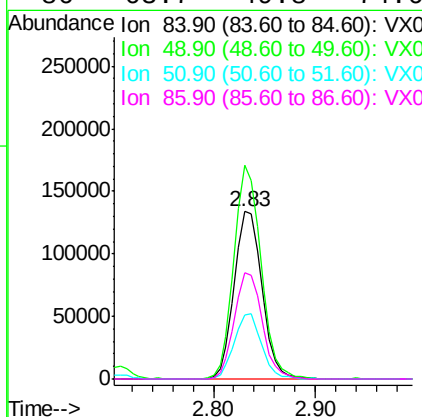
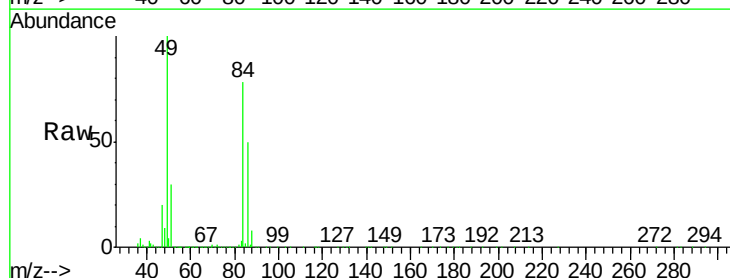
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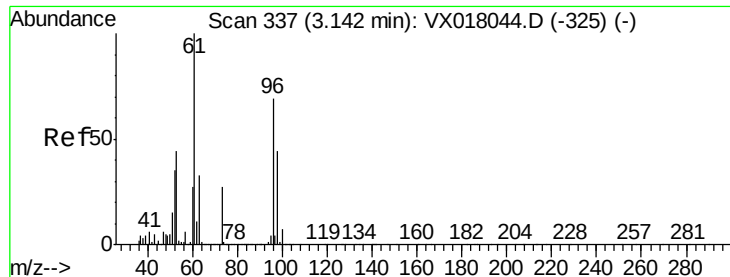


#20

Methylene Chloride
 Concen: 50.510 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	98.6	148.0
51	38.4	29.6	44.4
86	63.7	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 47.956 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

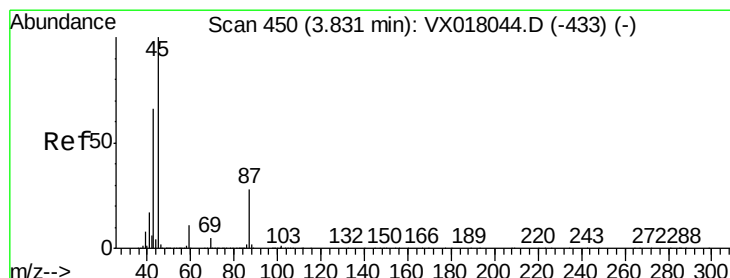
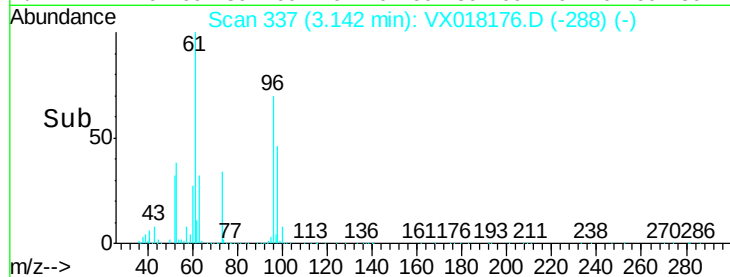
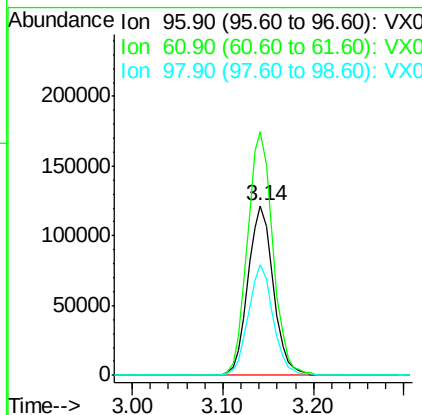
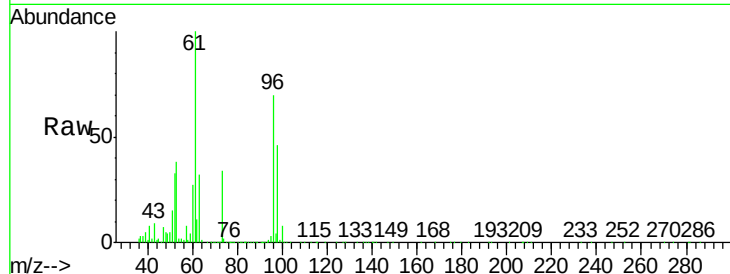
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	235678
Ion	Ratio	Lower	Upper
96	100		
61	143.1	115.4	173.0
98	65.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 50.096 ug/l

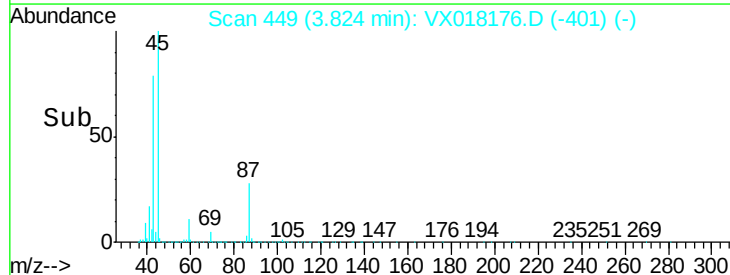
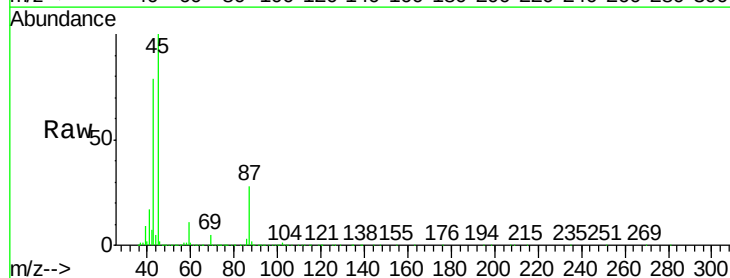
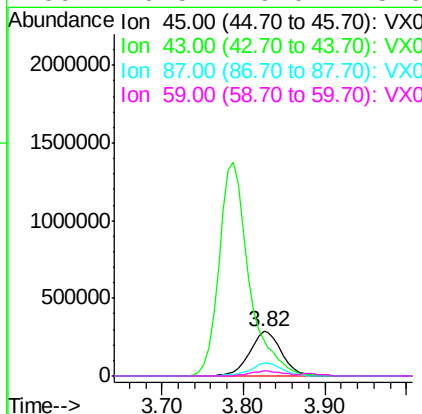
RT: 3.82 min Scan# 449

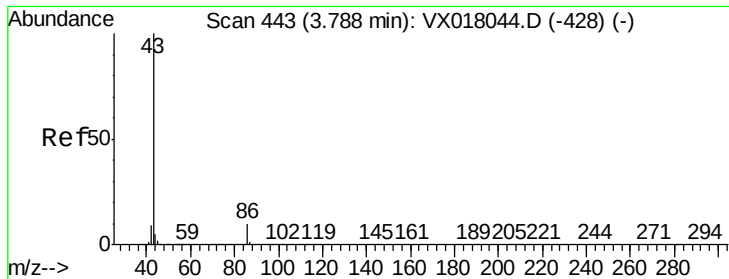
Delta R.T. -0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	45	Resp:	787980
Ion	Ratio	Lower	Upper
45	100		
43	78.9	52.8	79.2
87	27.5	22.5	33.7
59	10.5	9.0	13.6





#23

Vinyl Acetate

Concen: 250.433 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3505099

Ion Ratio Lower Upper

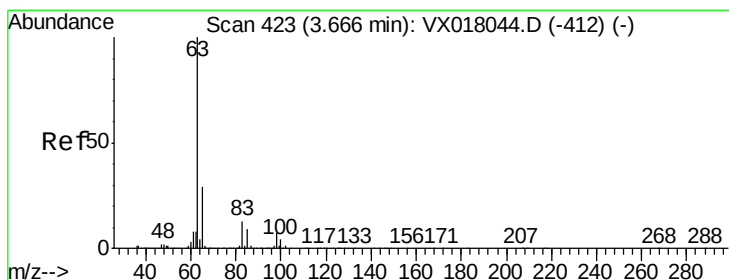
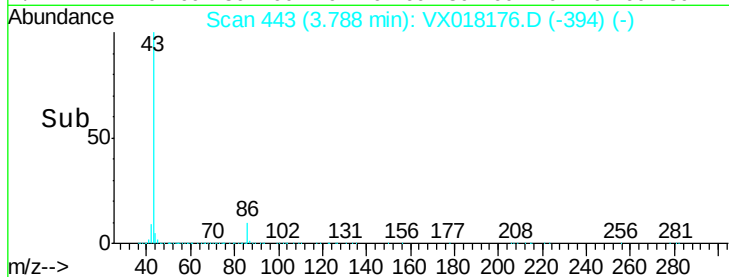
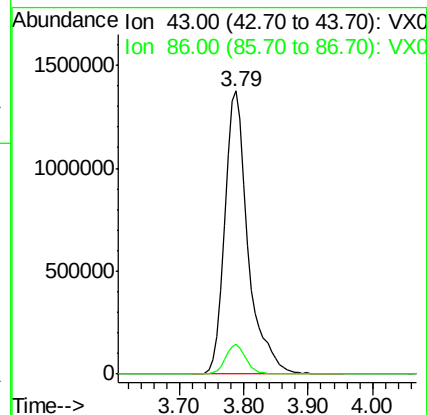
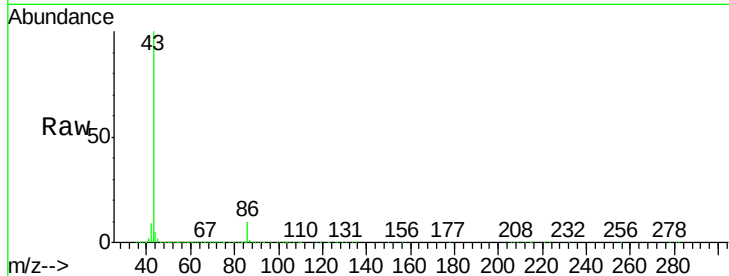
43 100

86 10.4 7.9 11.9

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9/1/2020 9:08:02 AM



#24

1,1-Dichloroethane

Concen: 50.377 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

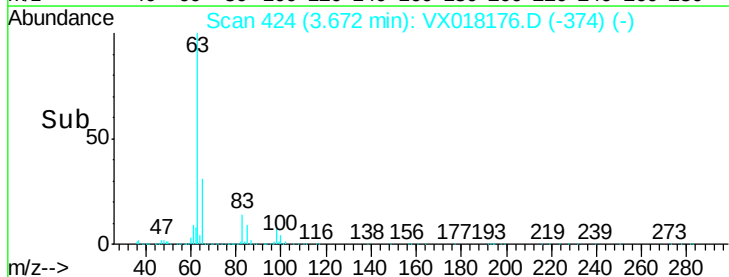
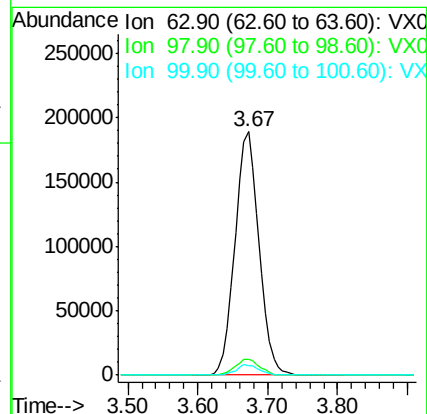
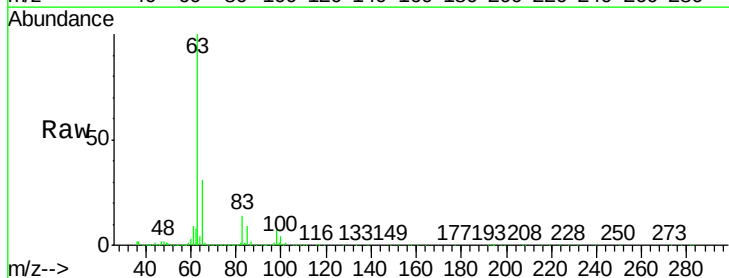
Tgt Ion: 63 Resp: 451065

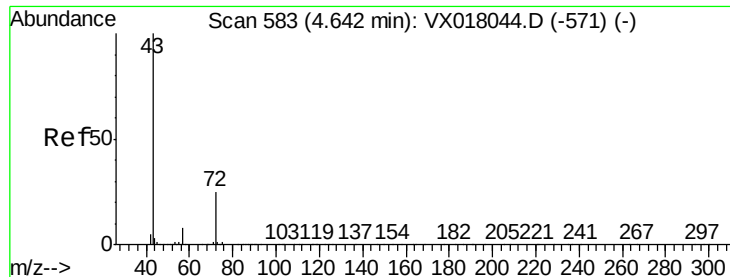
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.0 2.0 6.0





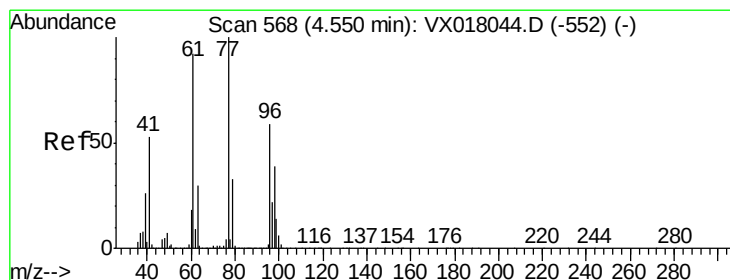
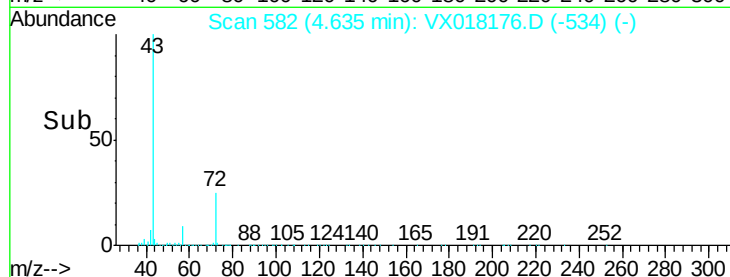
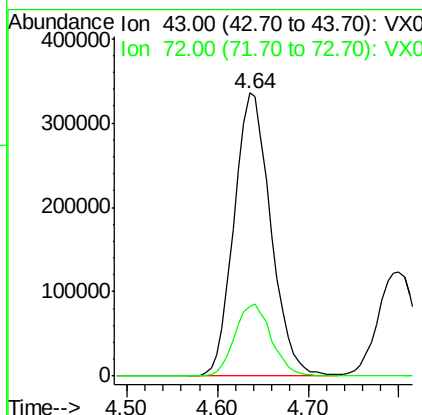
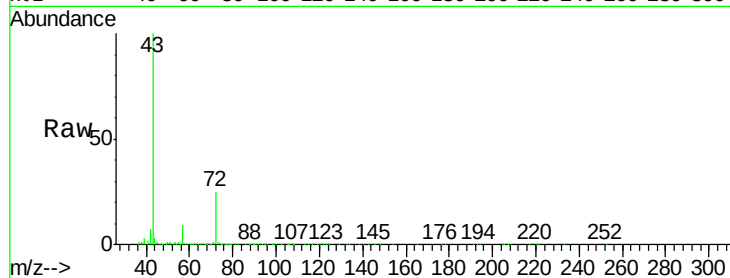
#25
2-Butanone
Concen: 233.133 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 940778
Ion Ratio Lower Upper
43 100
72 24.7 19.8 29.6

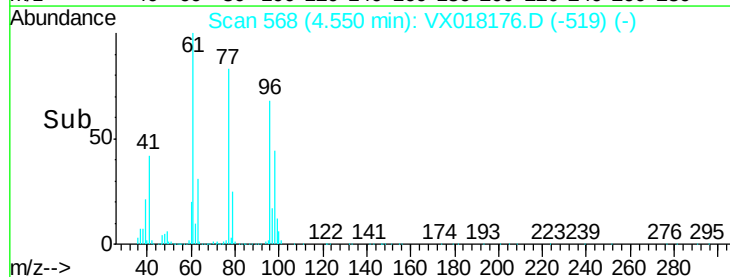
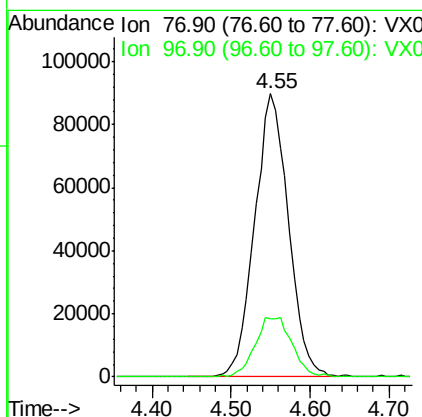
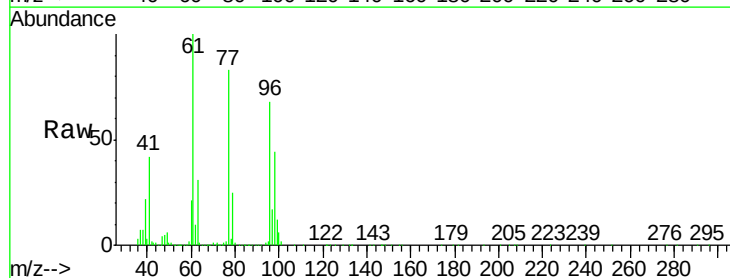
Manual Integrations
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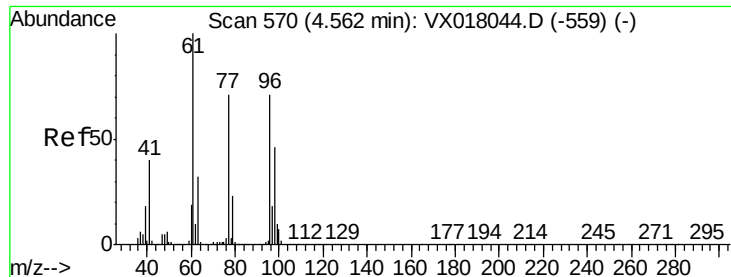
MMDadoda
9/1/2020 9:08:02 AM



#26
2,2-Dichloropropane
Concen: 36.654 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion: 77 Resp: 267032
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5





#27

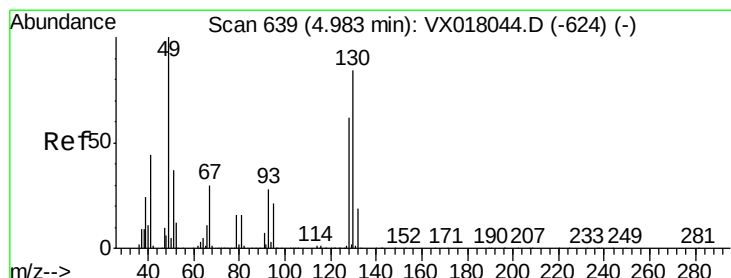
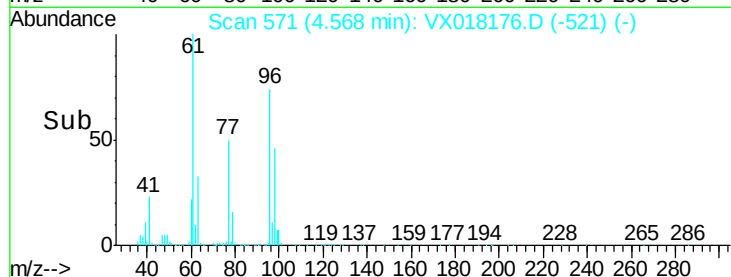
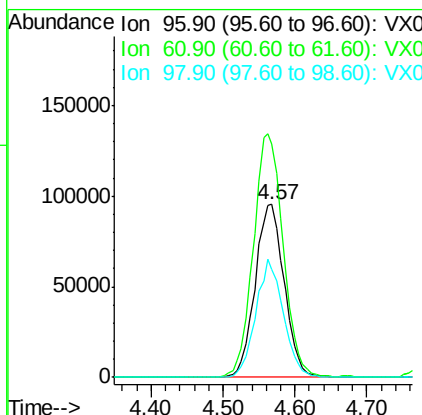
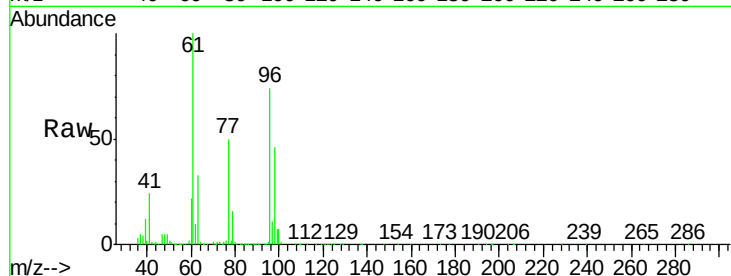
cis-1,2-Dichloroethene
Concen: 47.419 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	268503		
61	143.7	0.0	296.6	
98	64.7	0.0	130.2	

Manual Integrations
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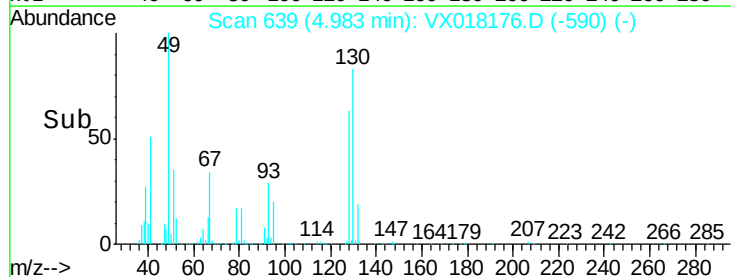
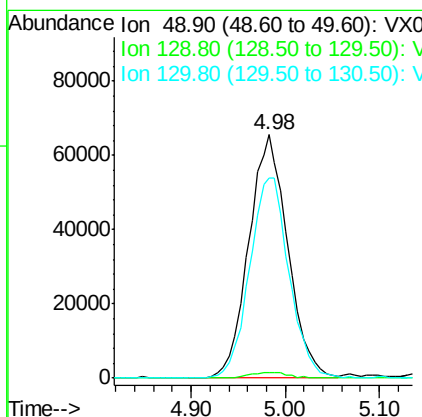
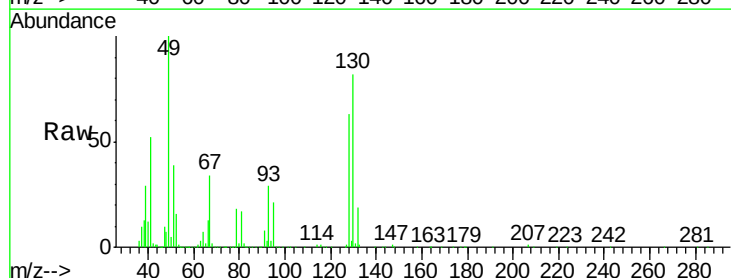
MMDadoda
9/1/2020 9:08:02 AM

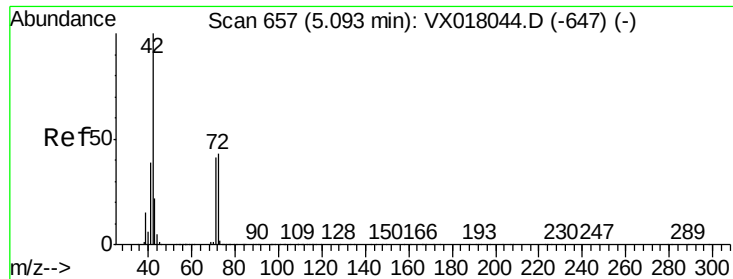


#28

Bromochloromethane
Concen: 44.030 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	190295		
129	2.5	0.0	4.6	
130	83.5	64.6	96.8	





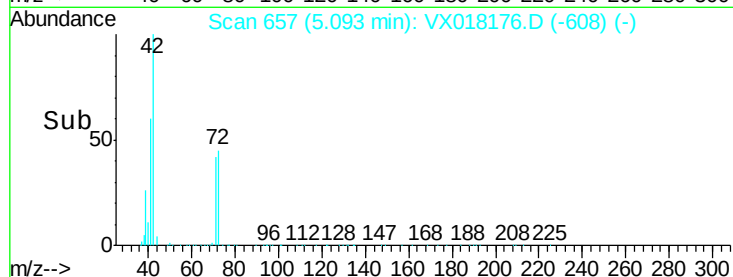
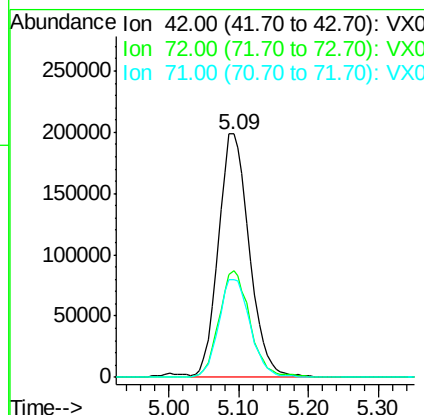
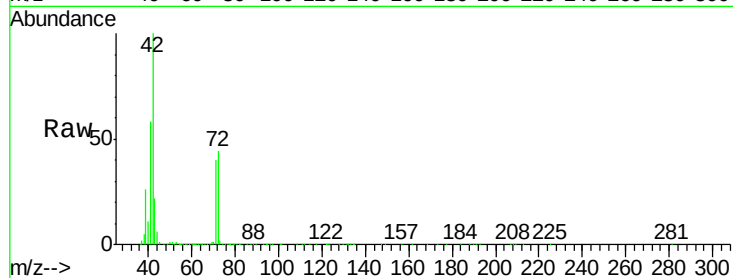
#29
Tetrahydrofuran
Concen: 237.226 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.2	51.4
71	41.1	32.1	48.1

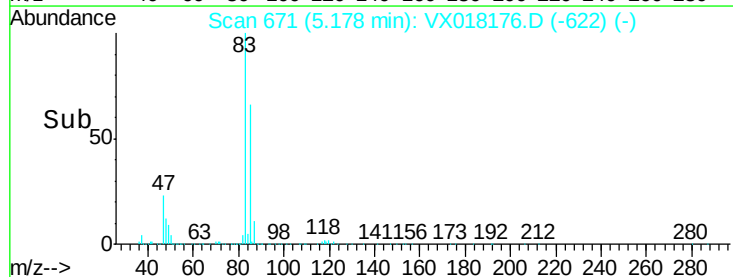
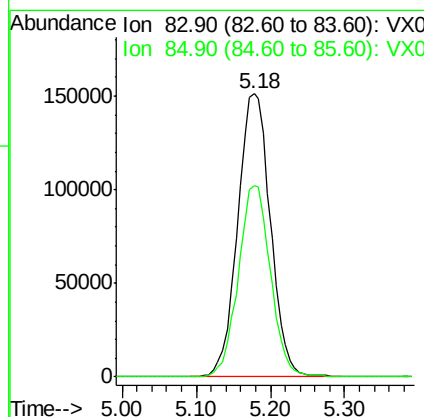
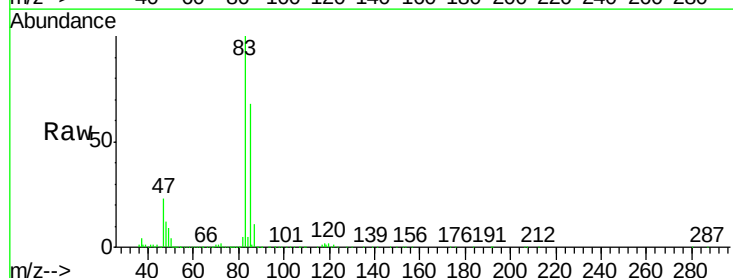
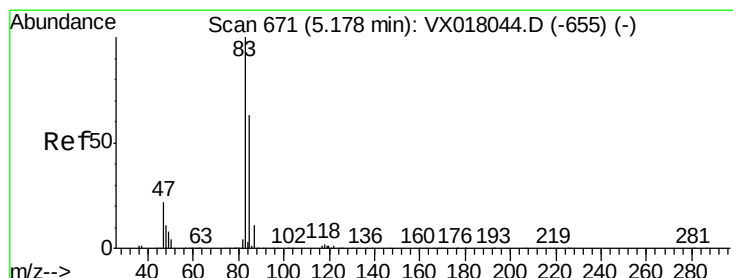
Manual Integrations
APPROVED

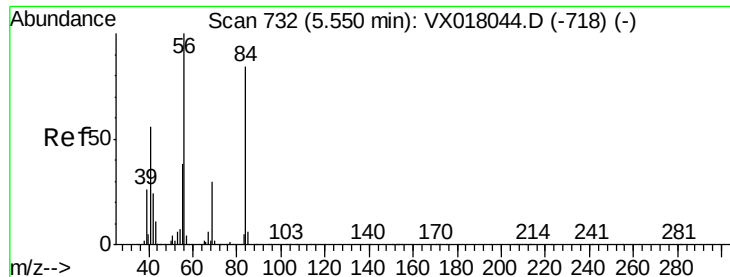
MMDadoda
9/1/2020 9:08:02 AM



#30
Chloroform
Concen: 50.342 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.7	76.1





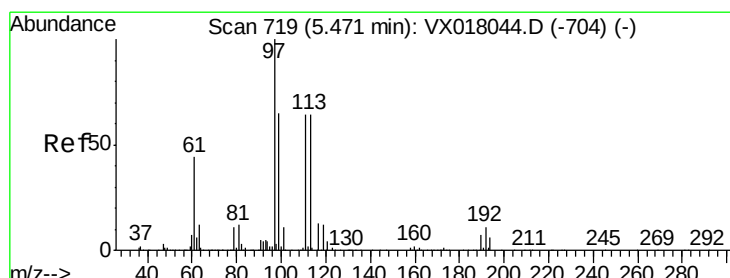
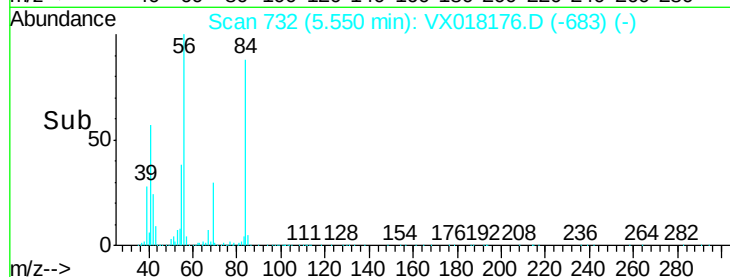
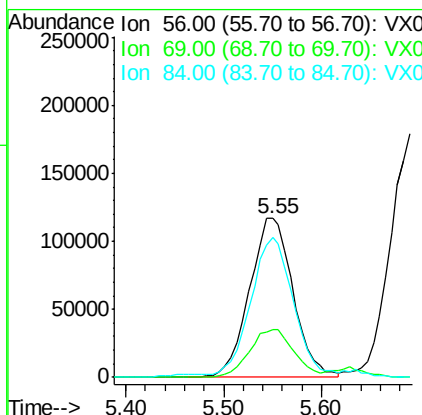
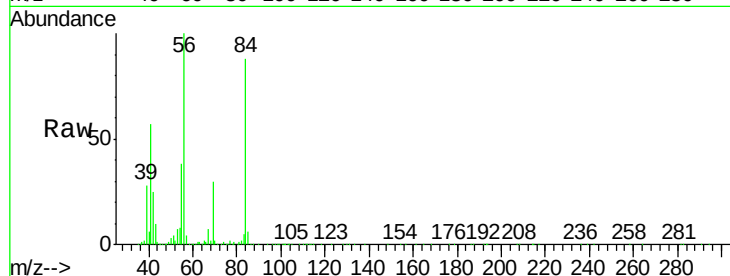
#31
Cyclohexane
Concen: 47.700 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.9	35.9
84	85.9	67.0	100.4

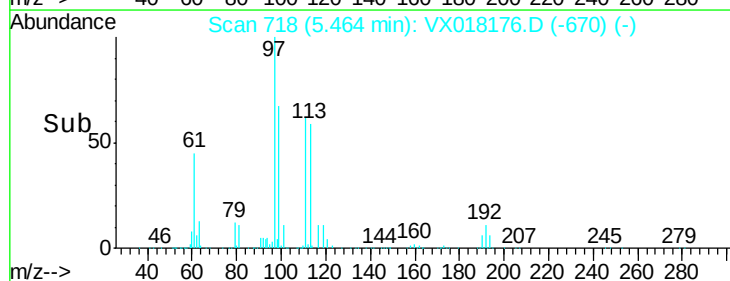
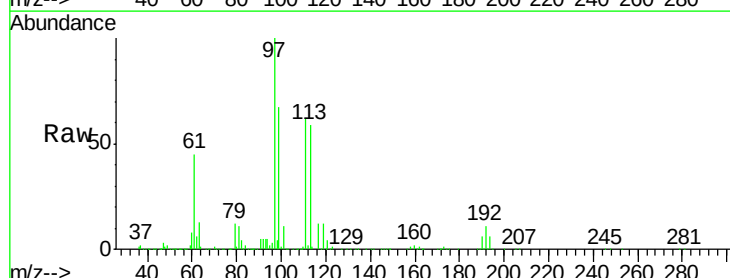
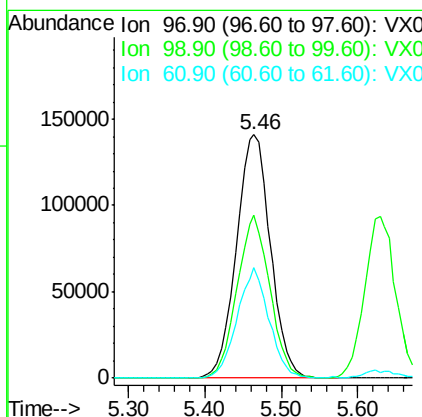
Manual Integrations
APPROVED

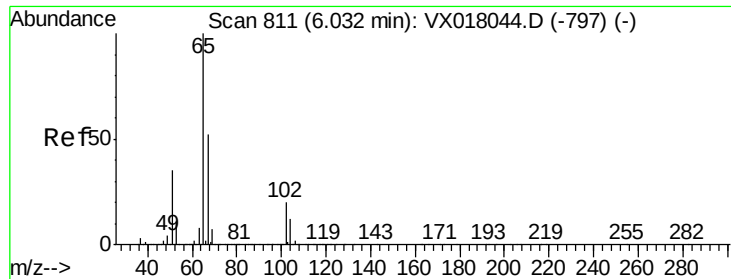
MMDadoda
9/1/2020 9:08:02 AM



#32
1,1,1-Trichloroethane
Concen: 51.182 ug/l
RT: 5.46 min Scan# 719
Delta R.T. -0.01 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.4	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 49.917 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 314546

Ion Ratio Lower Upper

65 100

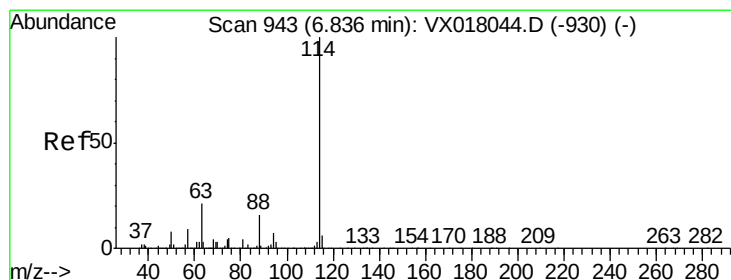
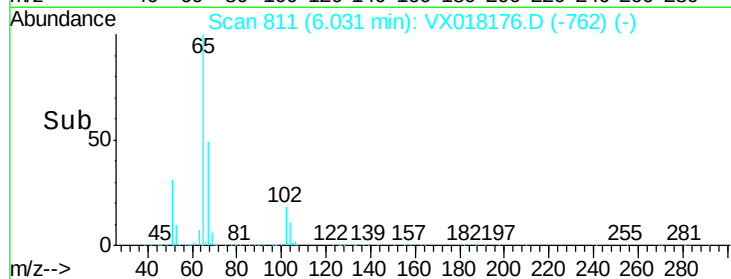
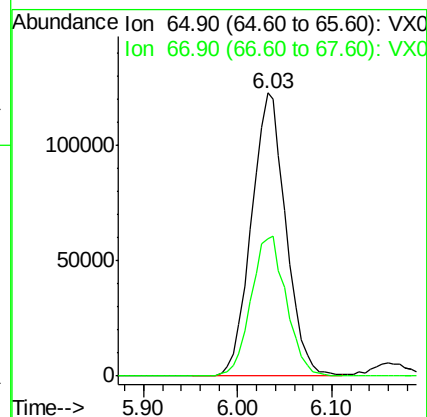
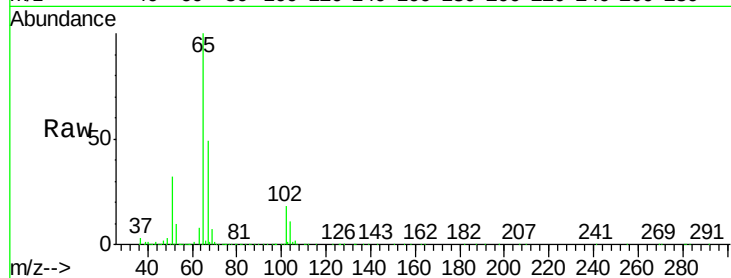
67 50.5 0.0 105.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

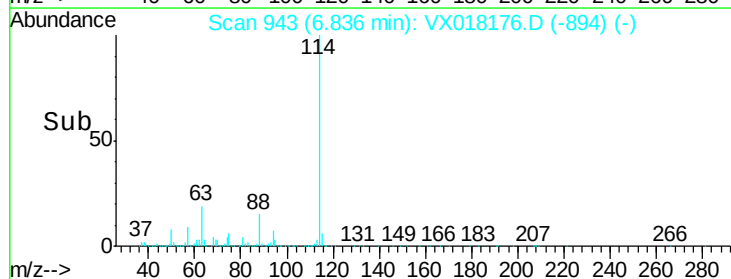
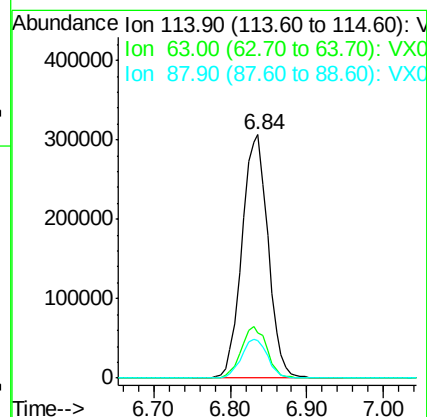
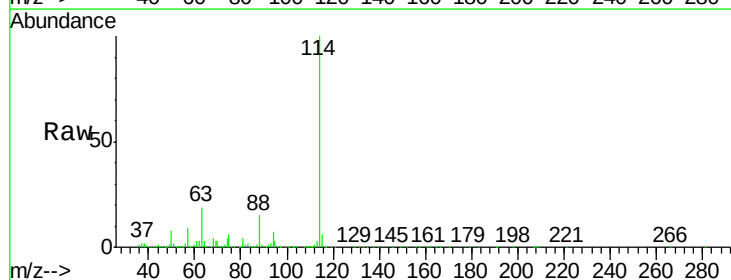
Tgt Ion: 114 Resp: 726413

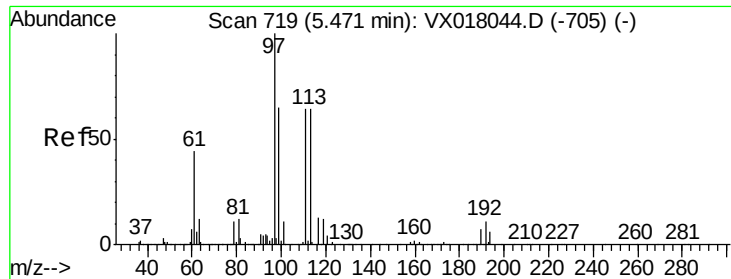
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.6

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.552 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

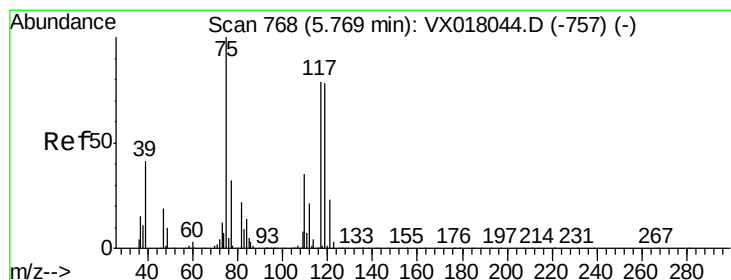
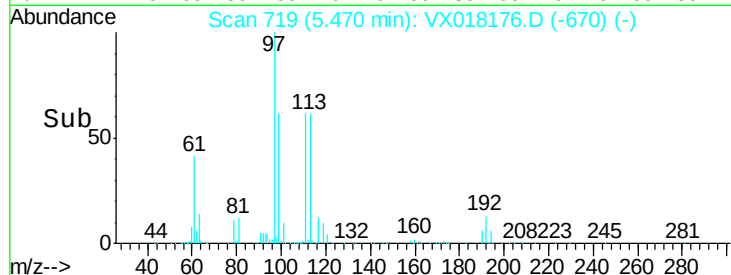
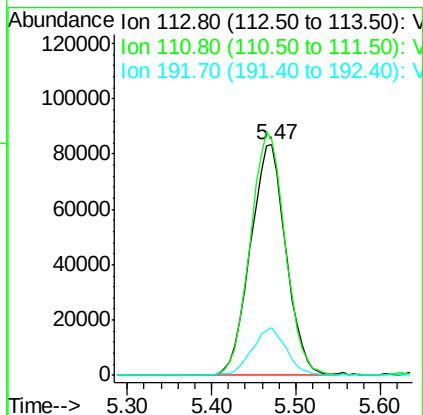
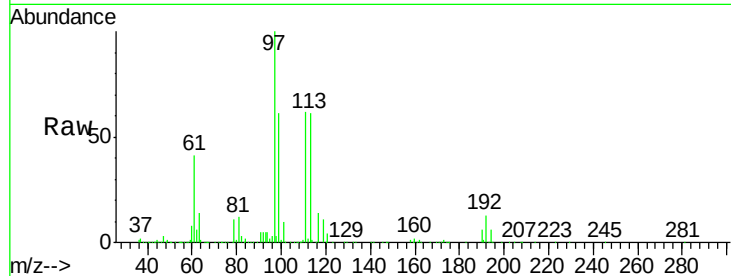
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	240200
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.6	122.4
192	20.0	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.098 ug/l

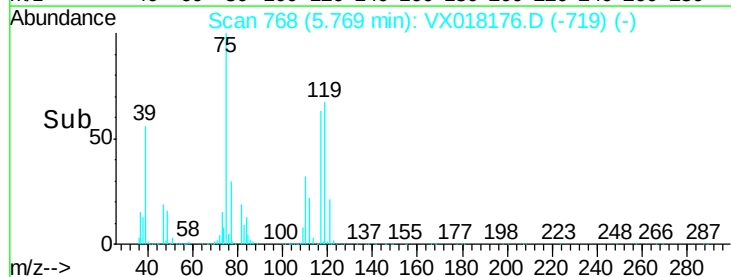
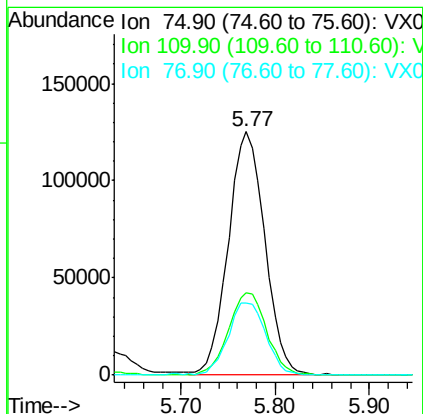
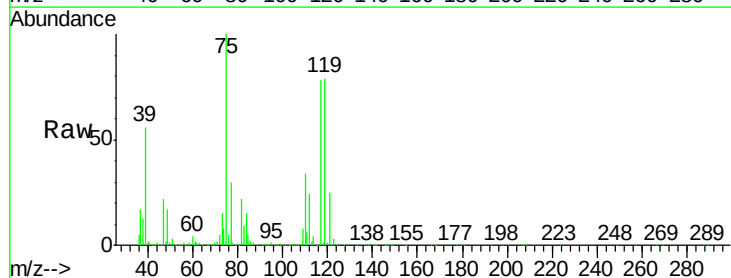
RT: 5.77 min Scan# 768

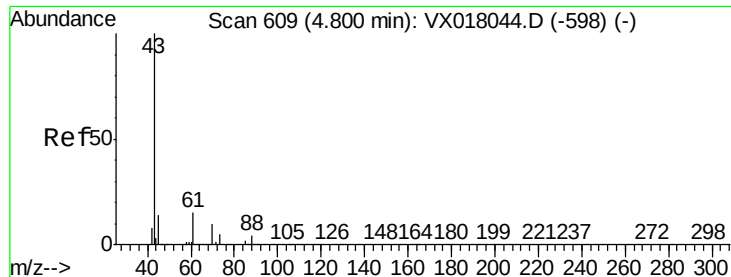
Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	75	Resp:	335661
Ion Ratio	Lower	Upper	
75	100		
110	35.4	18.0	54.0
77	30.5	24.4	36.6





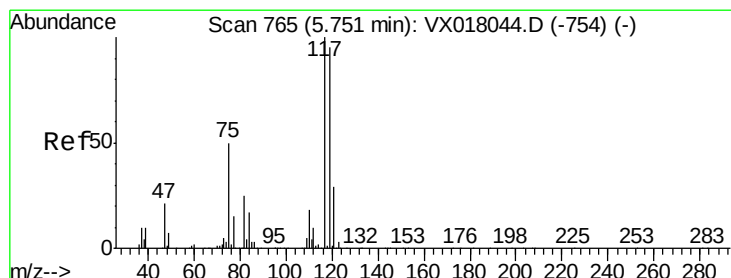
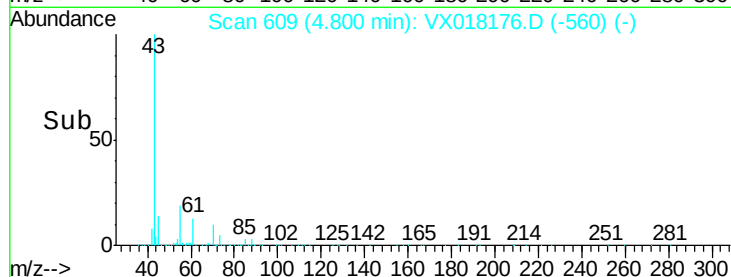
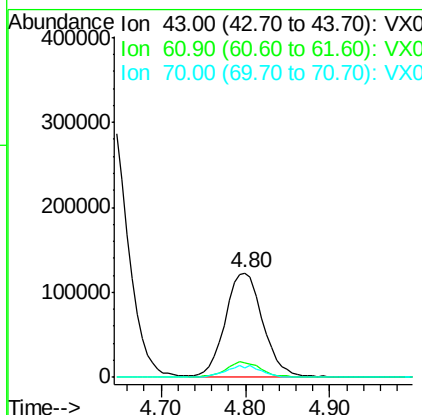
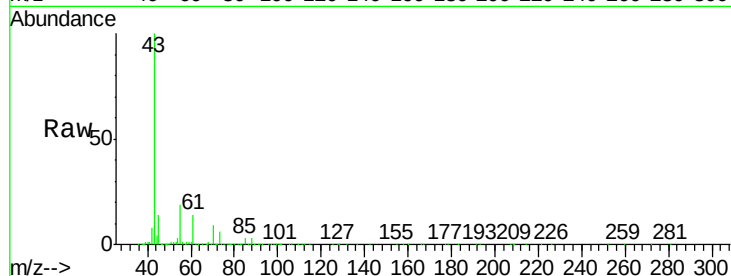
#37
Ethyl Acetate
Concen: 47.587 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	370308
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.3	16.9
70	10.7	8.2	12.4

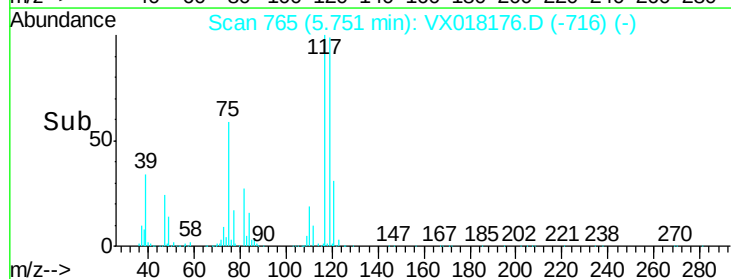
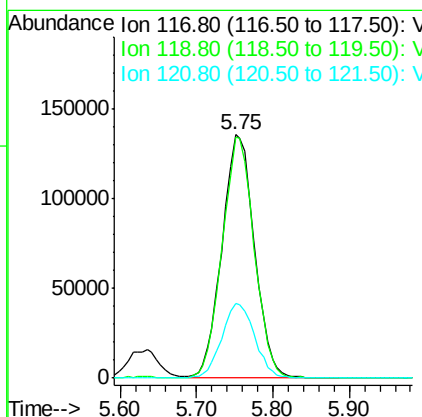
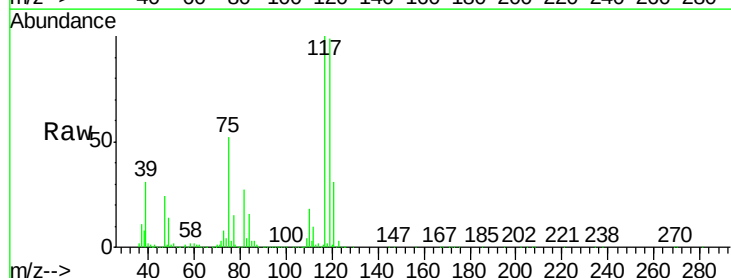
Manual Integrations
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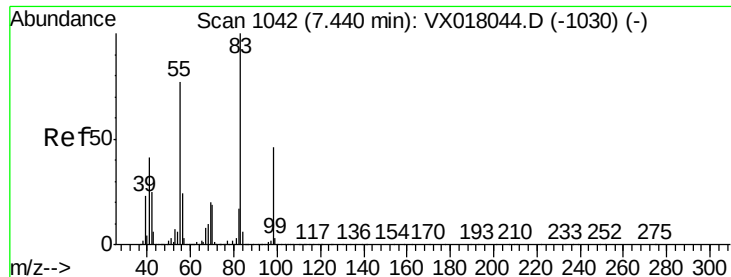
MMDadoda
9/1/2020 9:08:02 AM



#38
Carbon Tetrachloride
Concen: 52.862 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	117	Resp	399139
Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.8	113.6
121	30.8	23.4	35.0





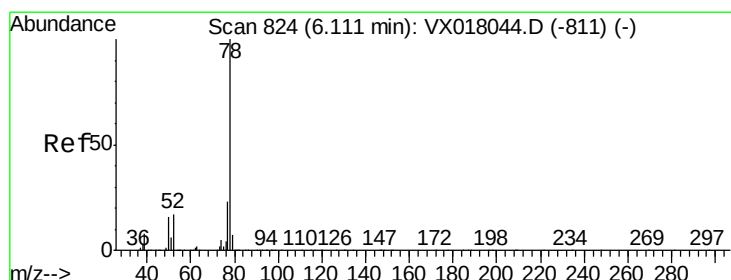
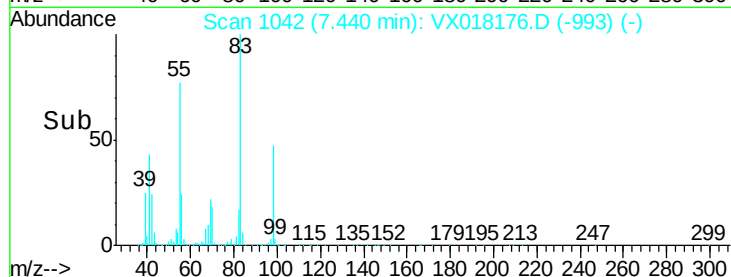
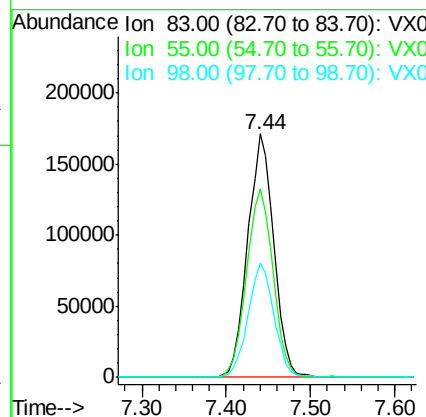
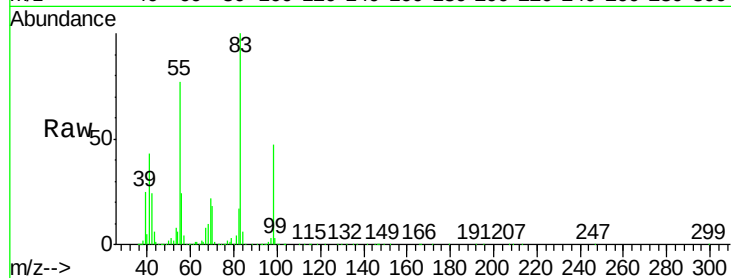
#39
Methylvlcyclohexane
Concen: 48.949 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.8	92.6
98	46.9	36.6	55.0

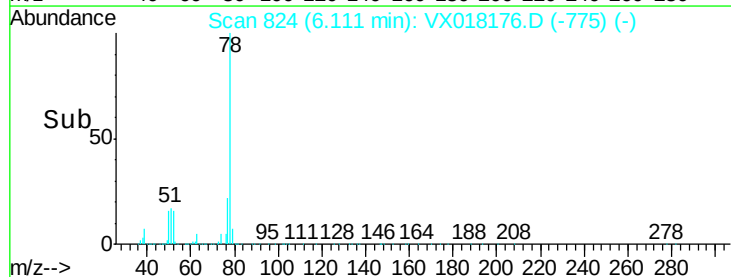
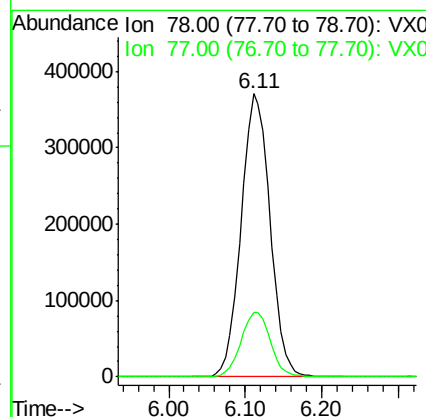
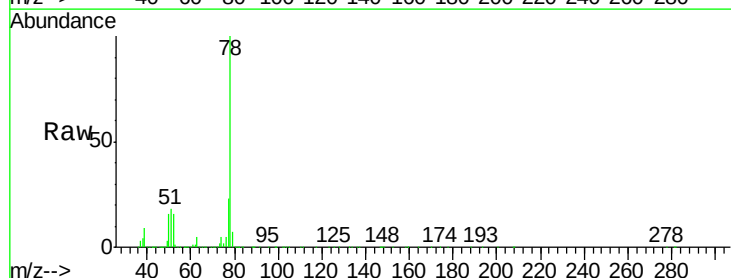
Manual Integrations
APPROVED

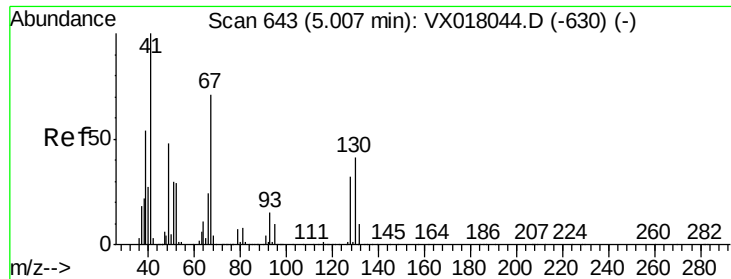
MMDadoda
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#40
Benzene
Concen: 49.250 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2





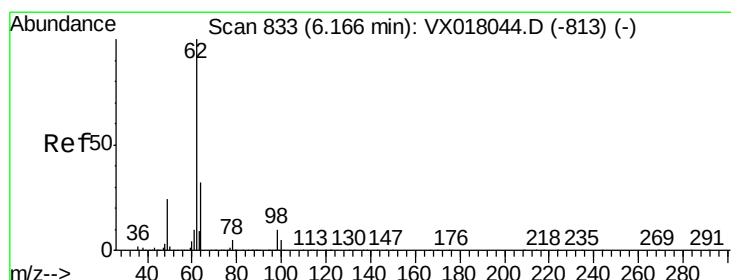
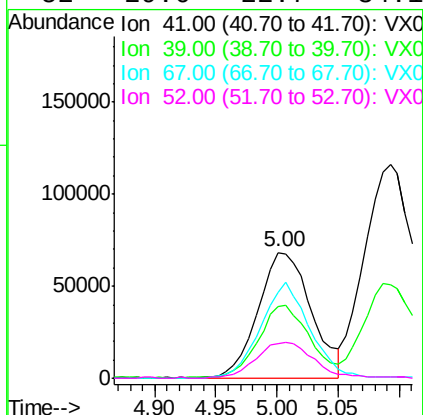
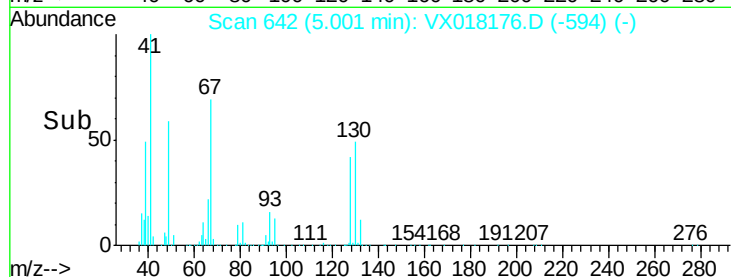
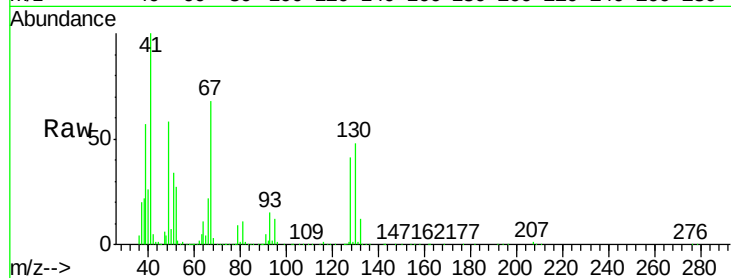
#41
Methacrylonitrile
Concen: 48.583 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	43.1	64.7	
67	70.1	56.0	84.0	
52	29.6	22.7	34.1	

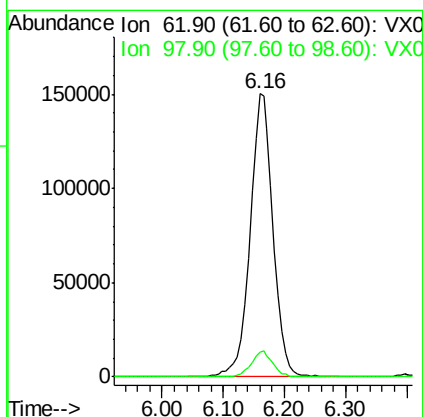
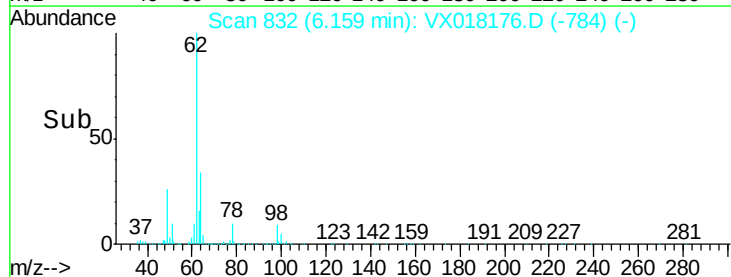
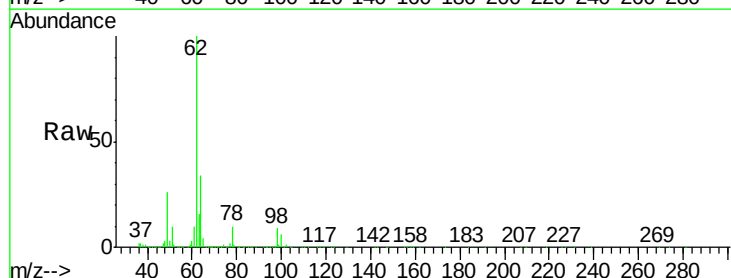
Manual Integrations
APPROVED

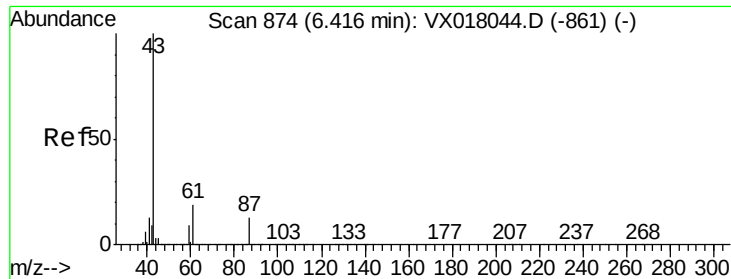
MMDadoda
9/1/2020 9:08:02 AM



#42
1,2-Dichloroethane
Concen: 52.183 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.2	





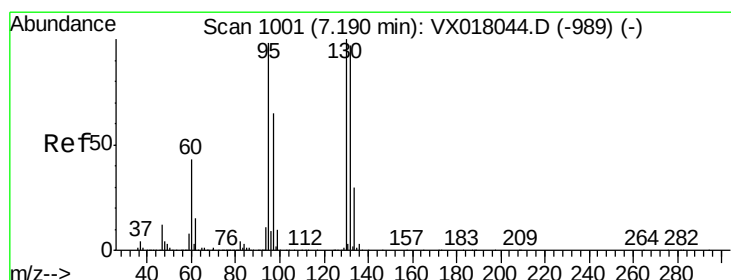
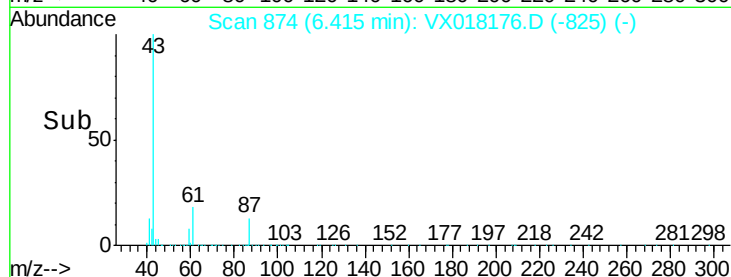
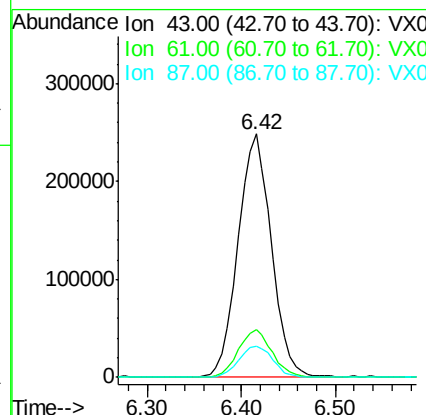
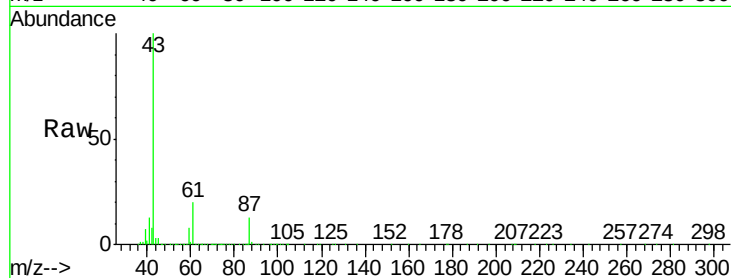
#43
Isopropyl Acetate
Concen: 48.480 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.5	10.3	15.5

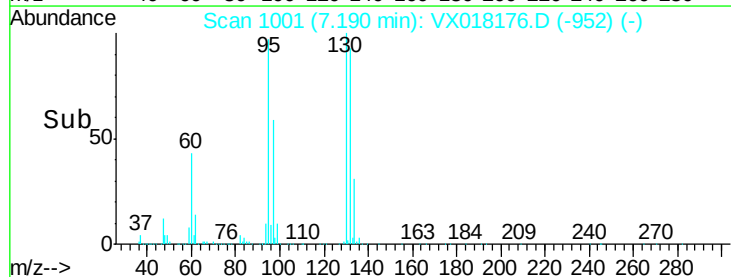
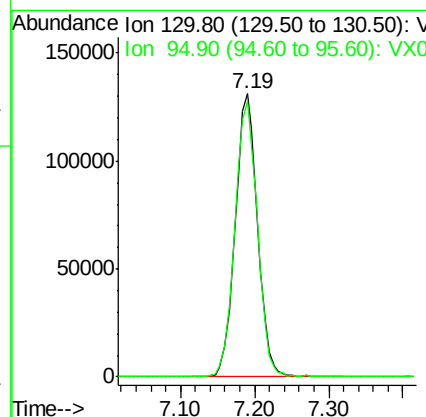
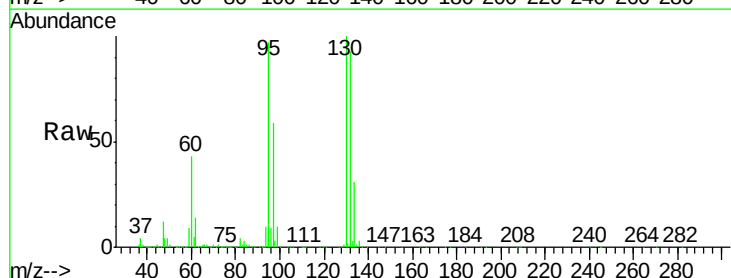
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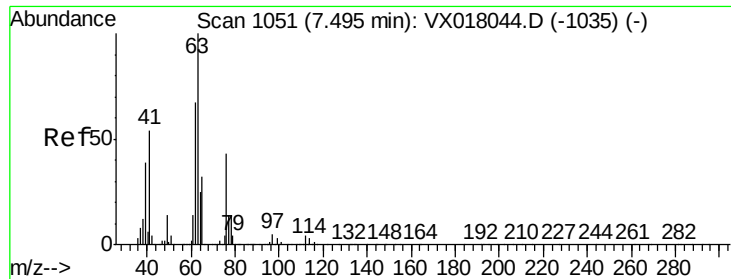
MMDadoda
9/1/2020 9:08:02 AM



#44
Trichloroethene
Concen: 49.522 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	196.4





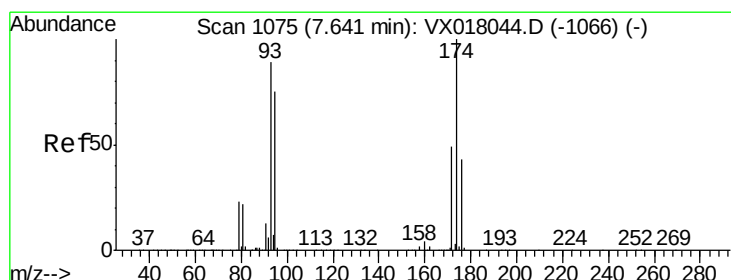
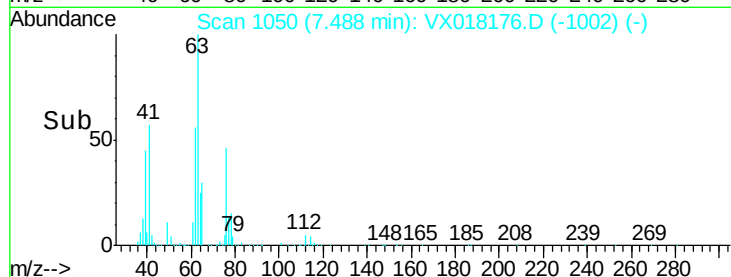
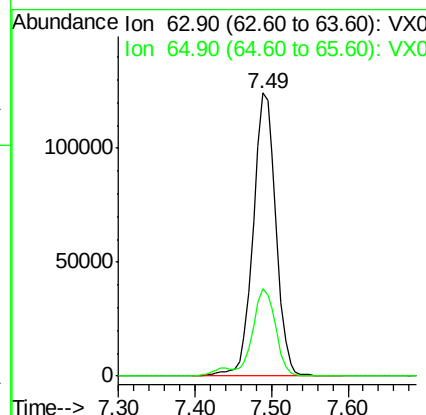
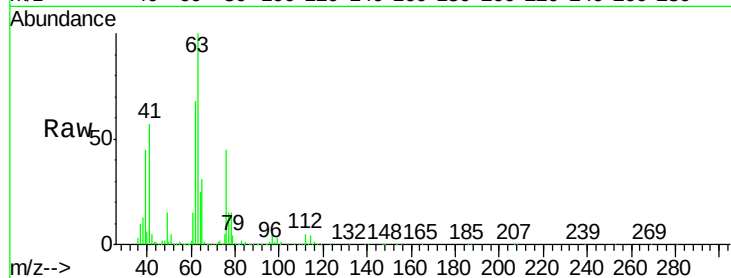
#45
 1,2-Dichloropropane
 Concen: 48.455 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.7	38.5

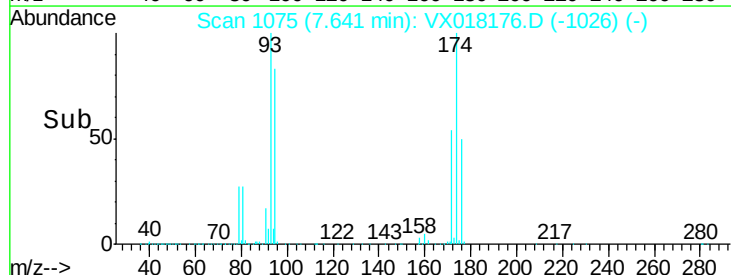
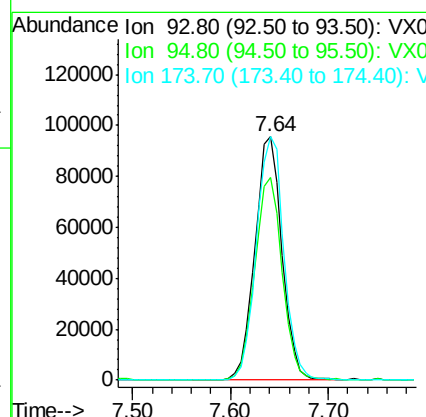
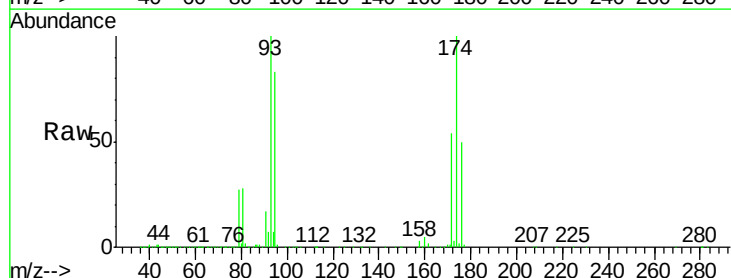
Manual Integrations
 APPROVED

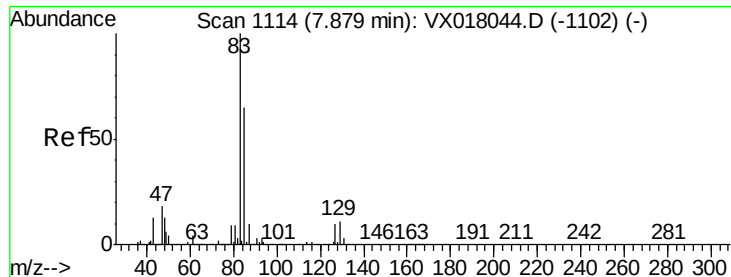
MMDadoda
 9/1/2020 9:08:02 AM



#46
 Dibromomethane
 Concen: 49.191 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.3	100.9
174	101.6	82.2	123.2





#47

Bromodichloromethane

Concen: 51.777 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

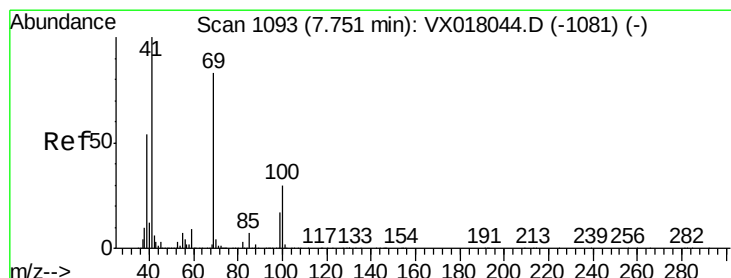
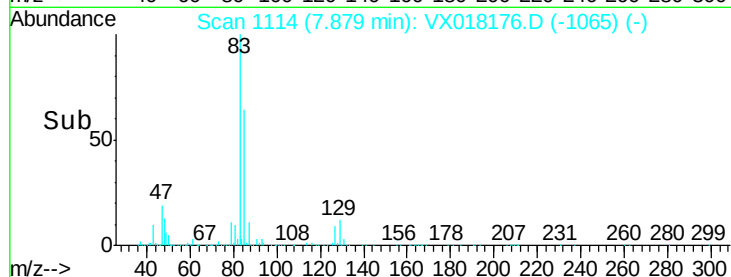
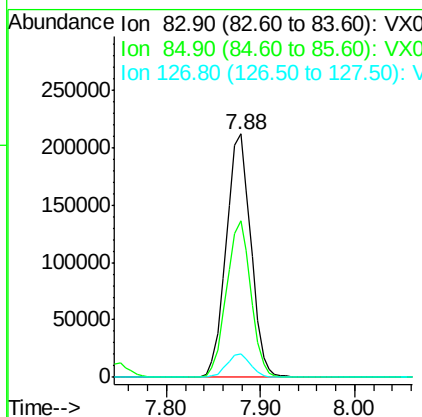
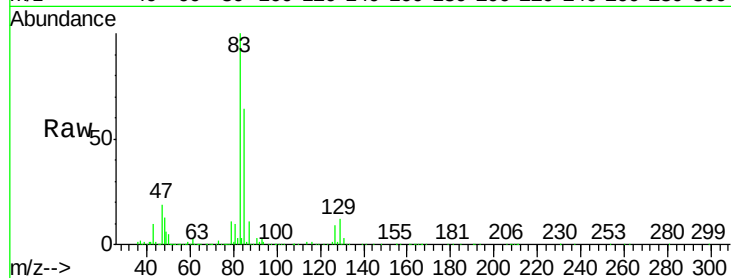
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	385757
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.8	77.6
127	9.4	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.602 ug/l

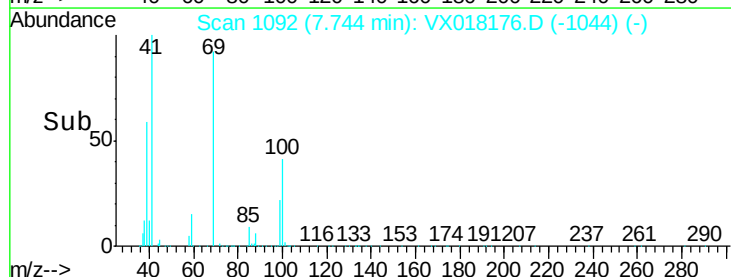
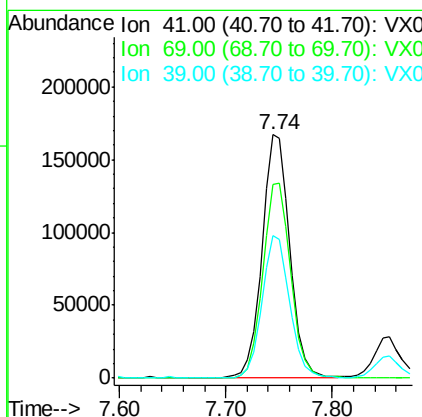
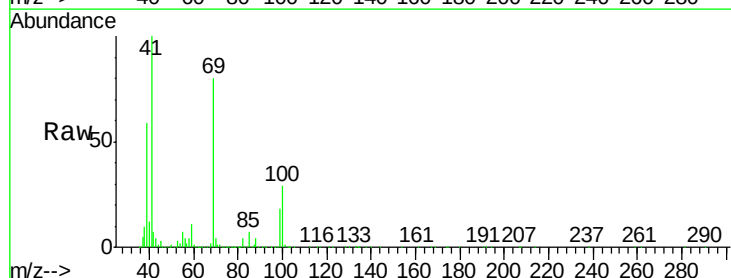
RT: 7.74 min Scan# 1092

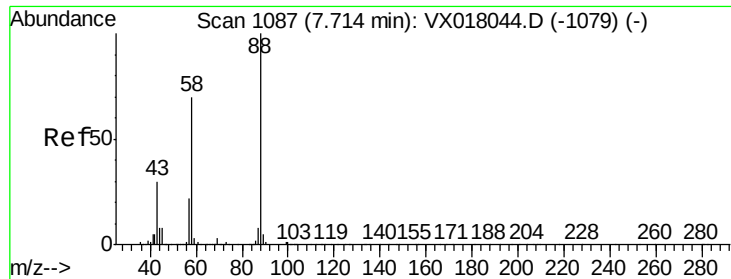
Delta R.T. -0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	41	Resp:	304101
Ion Ratio	Lower	Upper	
41	100		
69	80.9	65.5	98.3
39	58.4	44.5	66.7





#49

1,4-Dioxane

Concen: 919.019 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

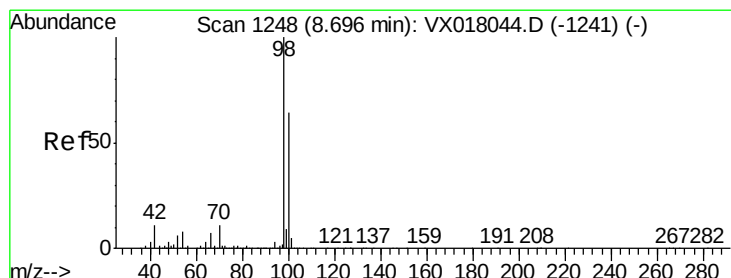
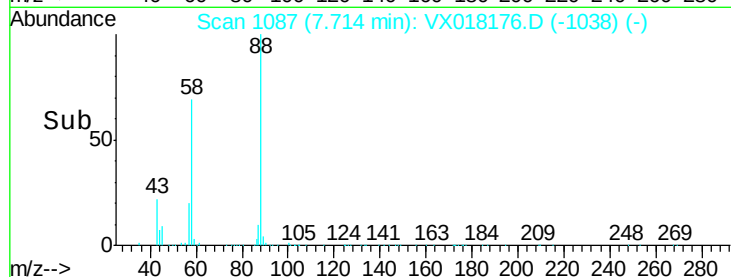
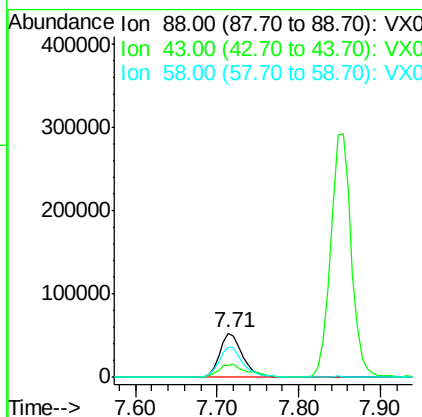
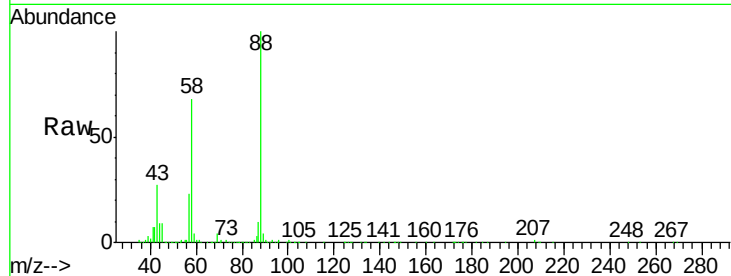
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	104160
Ion	Ratio	Lower	Upper
88	100		
43	38.5	27.4	41.0
58	71.7	56.4	84.6

Manual Integrations
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#50

Toluene-d8

Concen: 47.082 ug/l

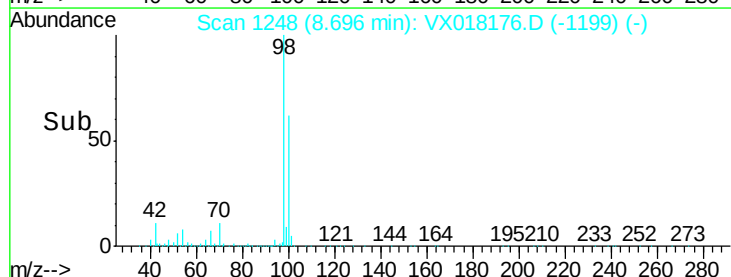
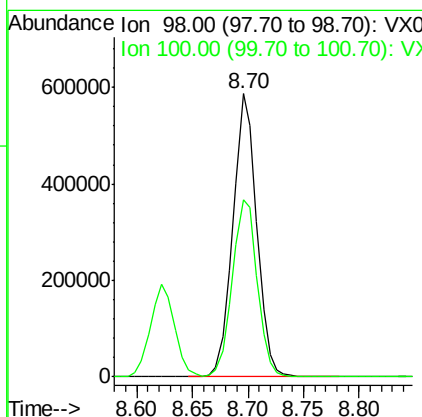
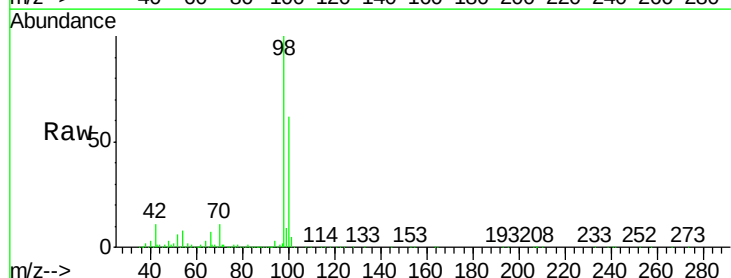
RT: 8.70 min Scan# 1248

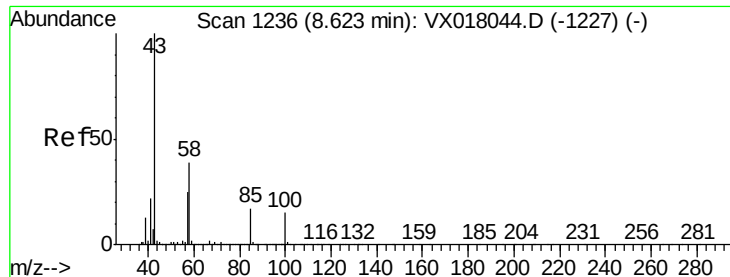
Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	98	Resp:	867551
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 247.655 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1922775

Ion Ratio Lower Upper

43 100

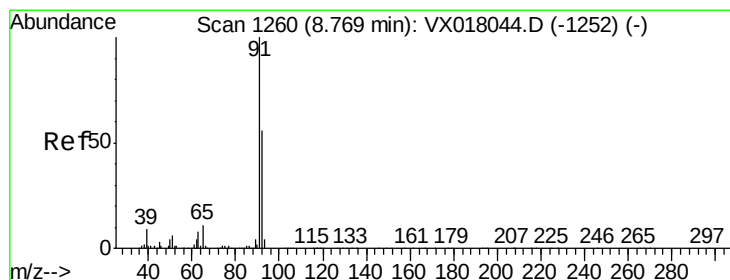
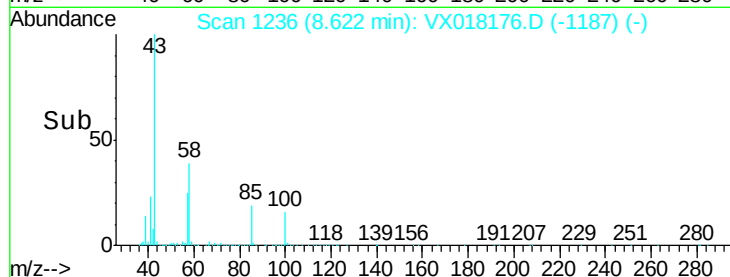
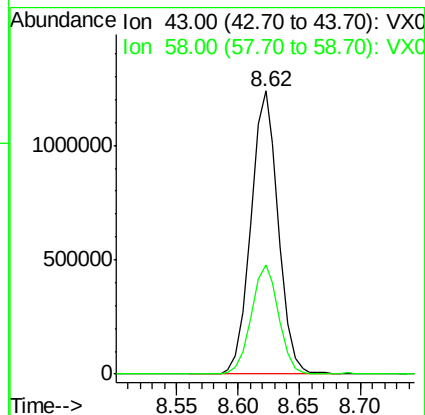
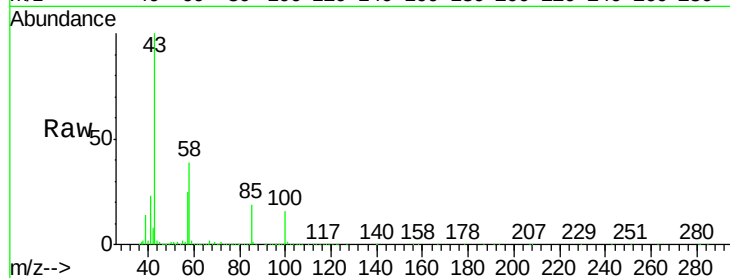
58 38.6 30.7 46.1

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#52

Toluene

Concen: 50.270 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018176.D

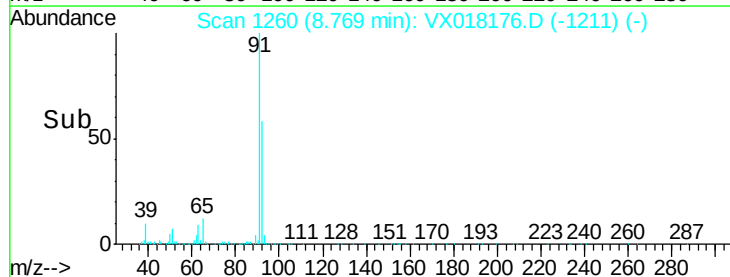
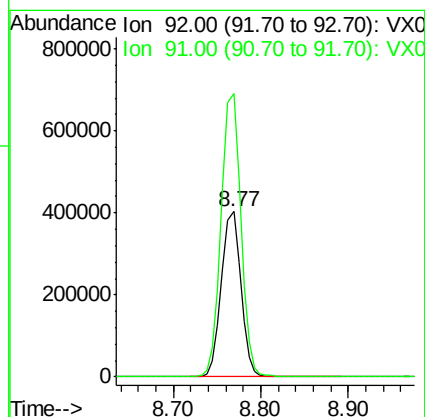
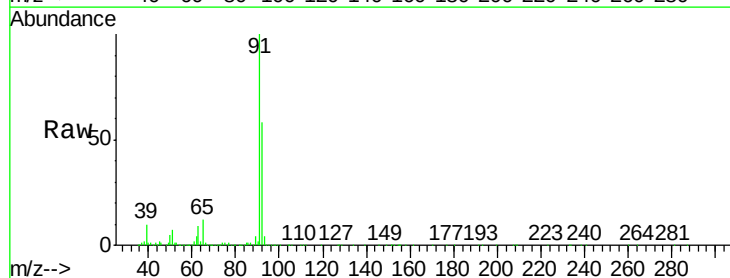
Acq: 01 Sep 2020 03:18

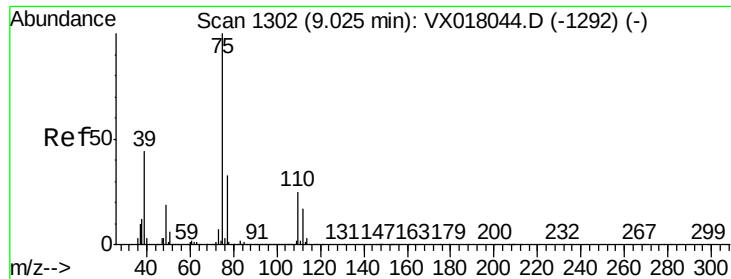
Tgt Ion: 92 Resp: 627560

Ion Ratio Lower Upper

92 100

91 171.8 140.3 210.5





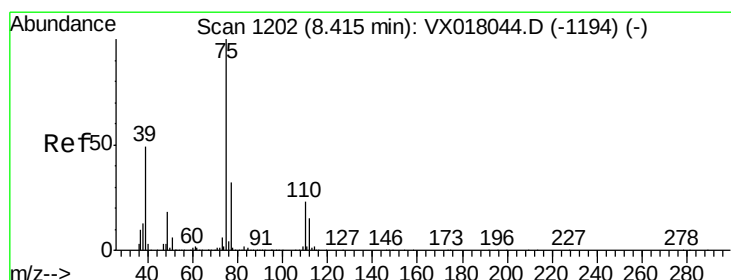
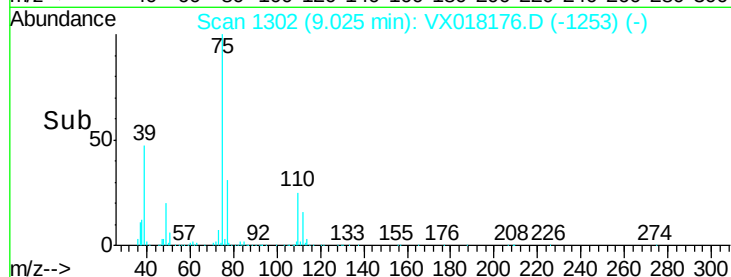
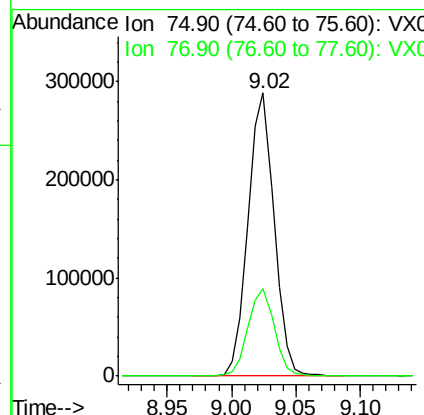
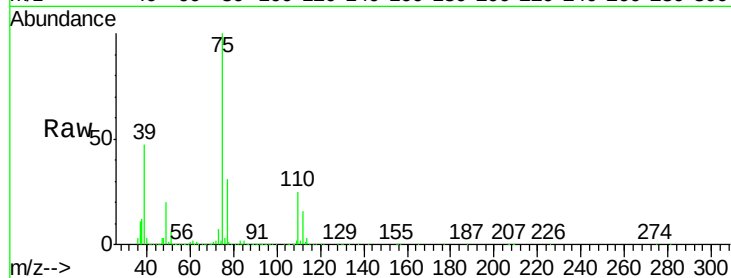
#53
t-1,3-Dichloropropene
Concen: 48.676 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.6	39.8

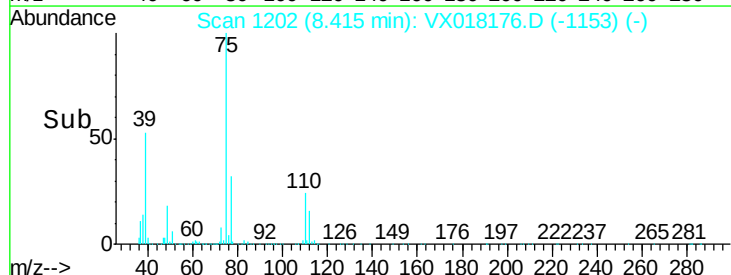
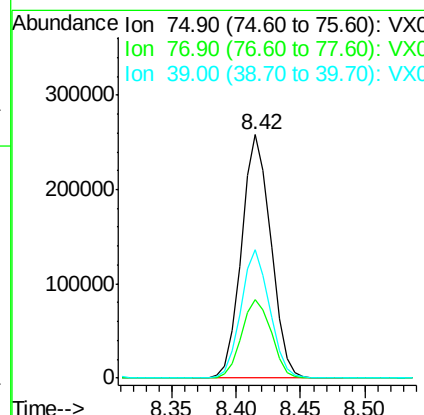
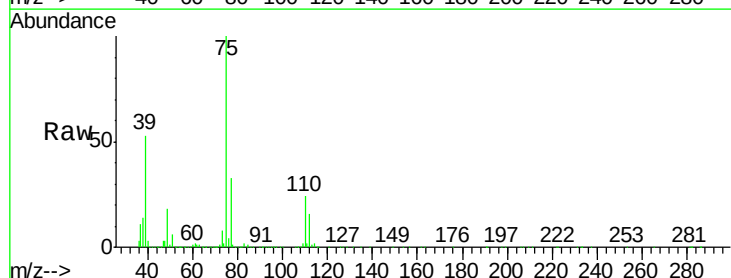
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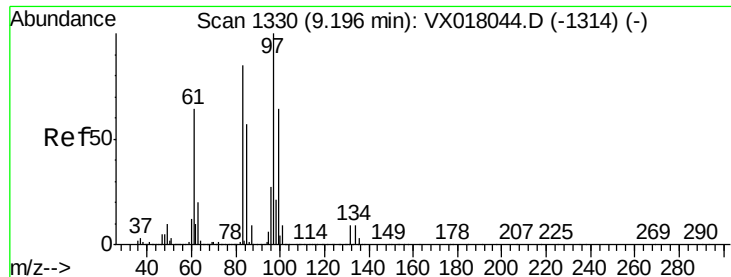
MMDadoda
9/1/2020 9:08:02 AM



#54
cis-1,3-Dichloropropene
Concen: 46.468 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.8	38.8
39	52.5	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 50.175 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

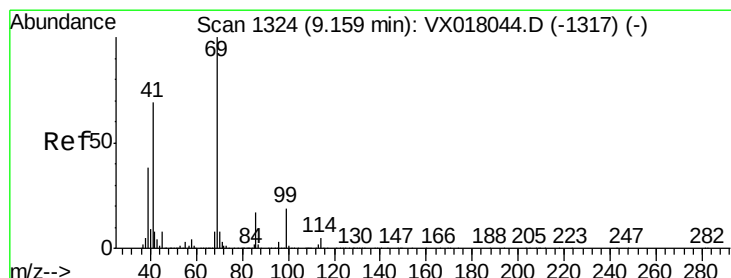
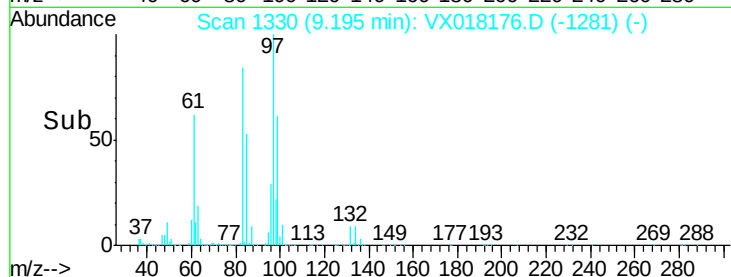
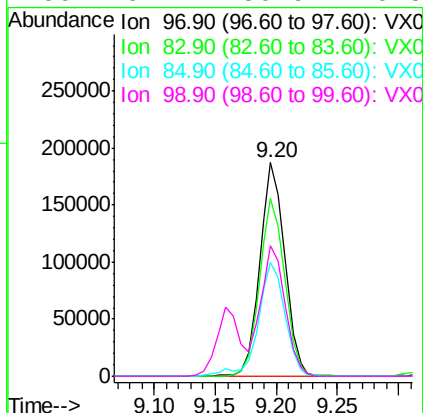
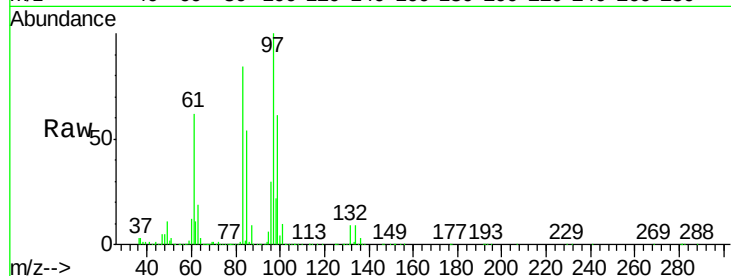
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	267140
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.8	101.6
85	53.5	45.3	67.9
99	61.2	50.9	76.3

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#56

Ethyl methacrylate

Concen: 51.342 ug/l

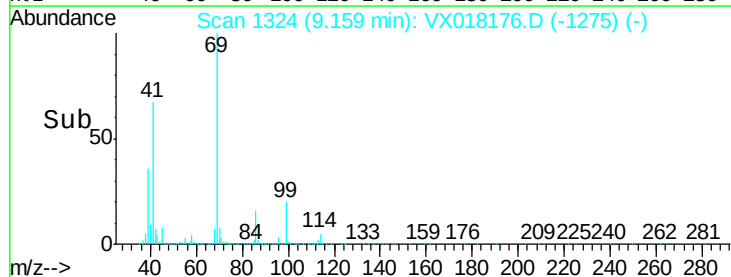
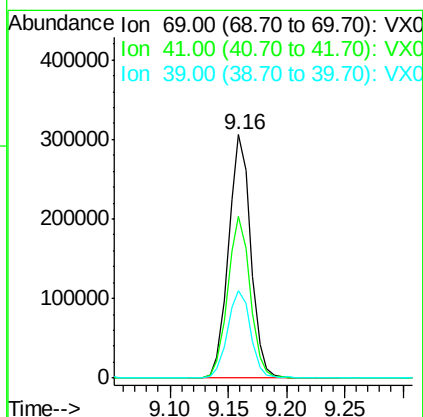
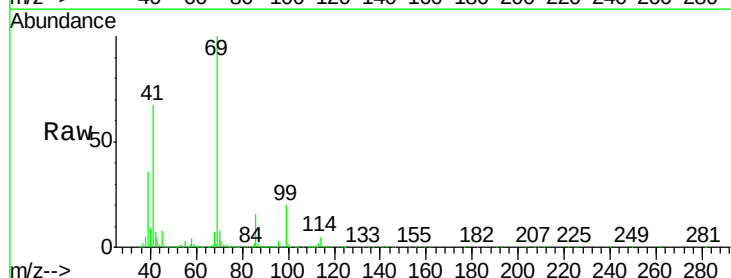
RT: 9.16 min Scan# 1324

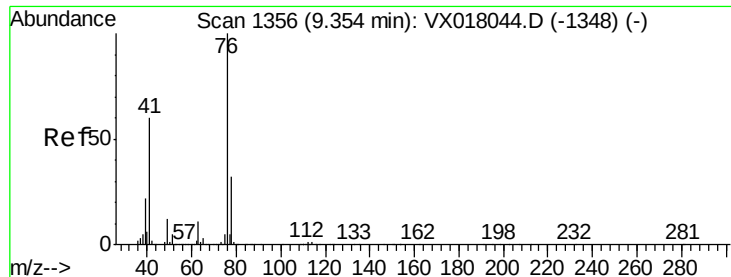
Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	69	Resp:	406376
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.6	81.8
39	37.5	29.1	43.7





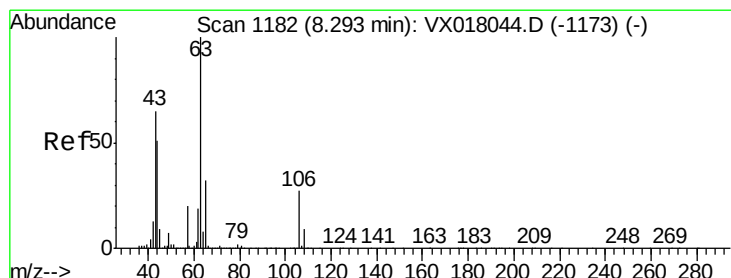
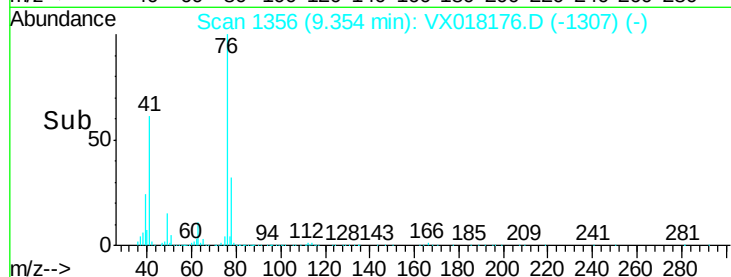
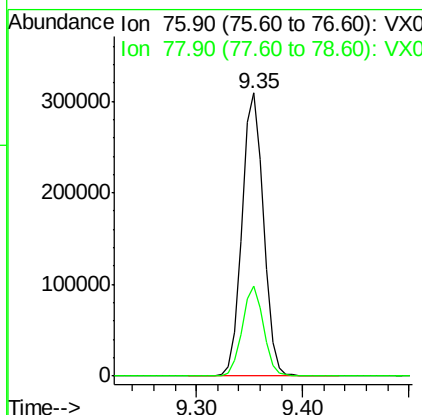
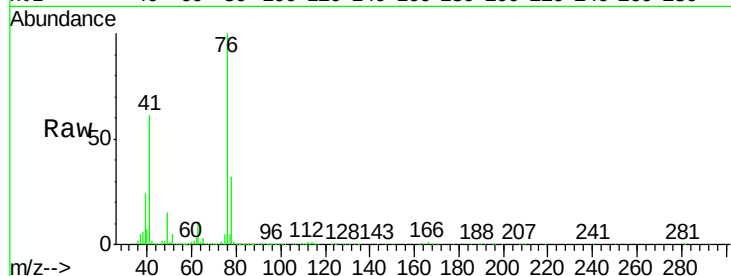
#57
 1,3-Dichloropropane
 Concen: 49.955 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.6

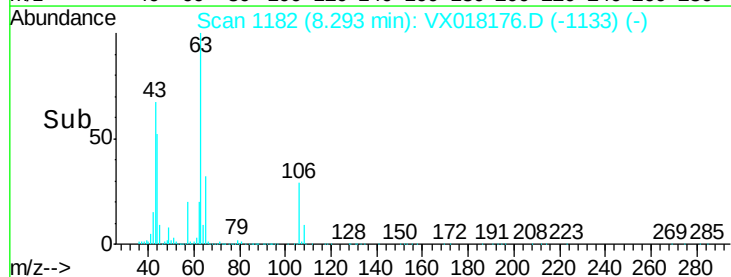
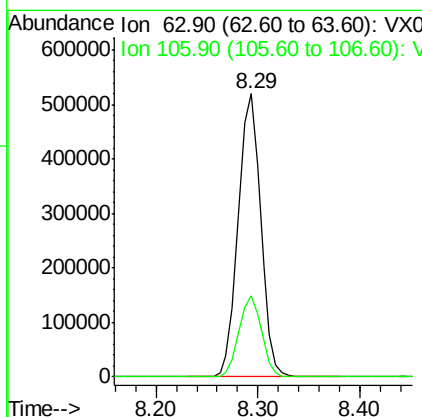
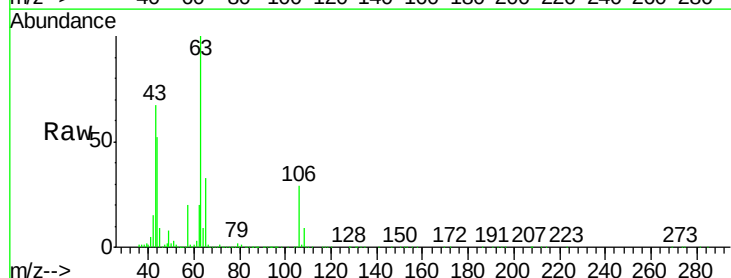
Manual Integrations
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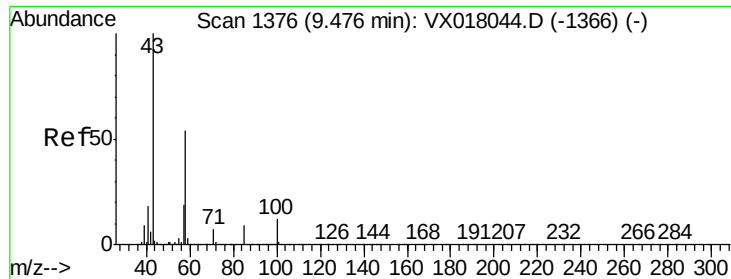
MMDadoda
 9/1/2020 9:08:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 222.720 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	22.1	33.1





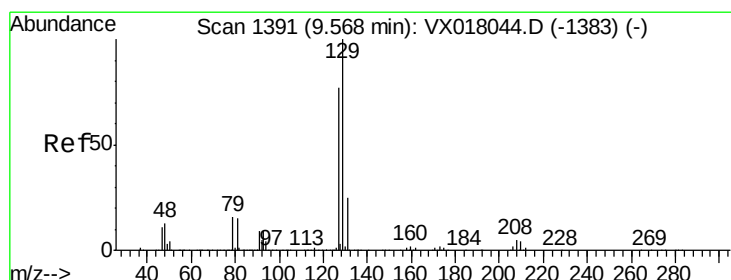
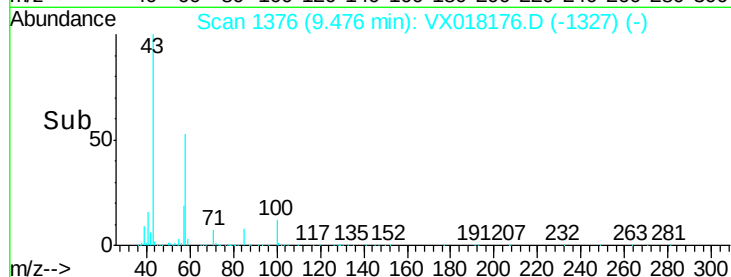
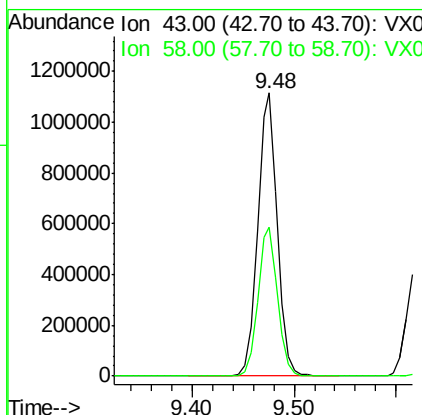
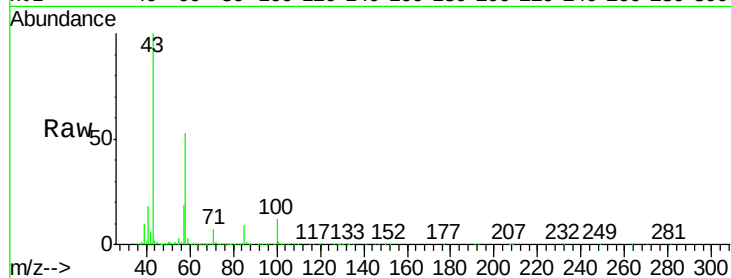
#59
2-Hexanone
Concen: 252.828 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1492590
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7

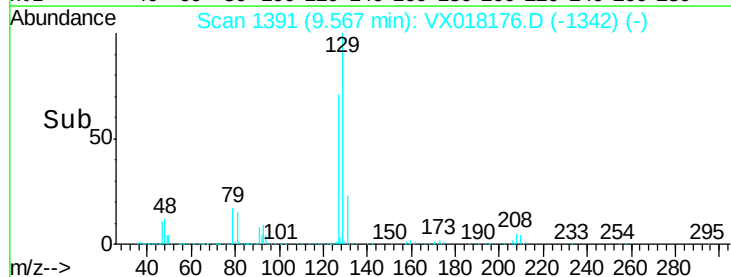
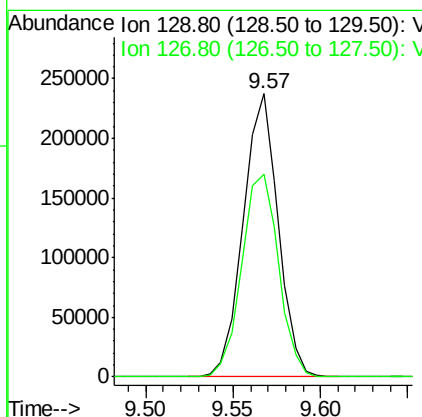
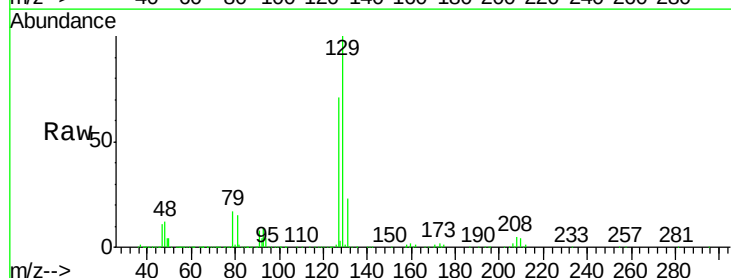
Manual Integrations
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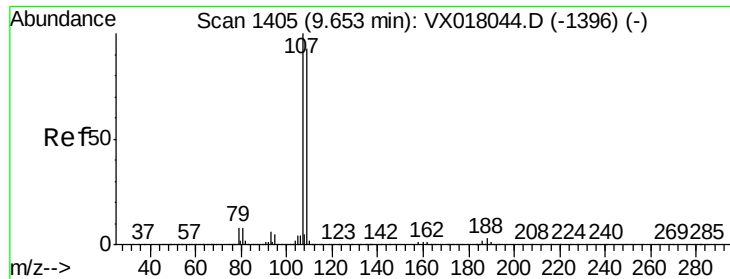
MMDadoda
9/1/2020 9:08:02 AM



#60
Dibromochloromethane
Concen: 52.801 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion: 129 Resp: 329783
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.646 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 292749

Ion Ratio Lower Upper

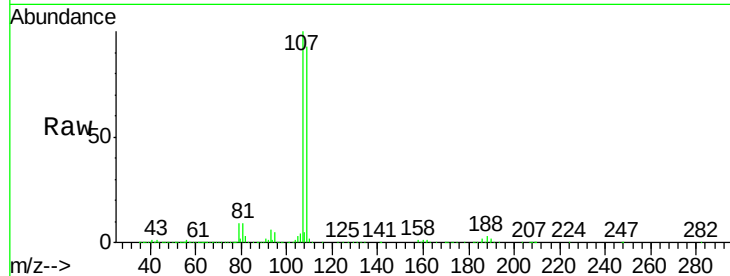
107 100

109 92.6 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

150000

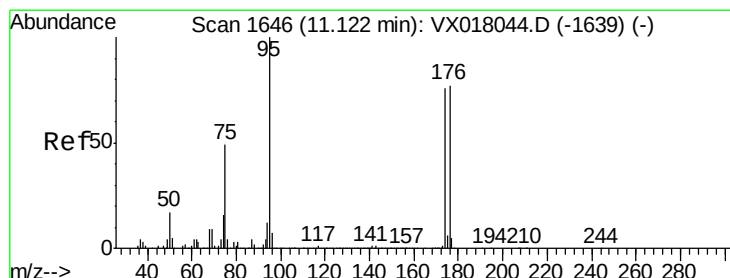
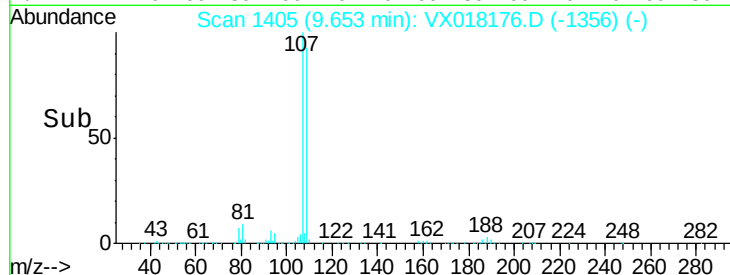
100000

50000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.991 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

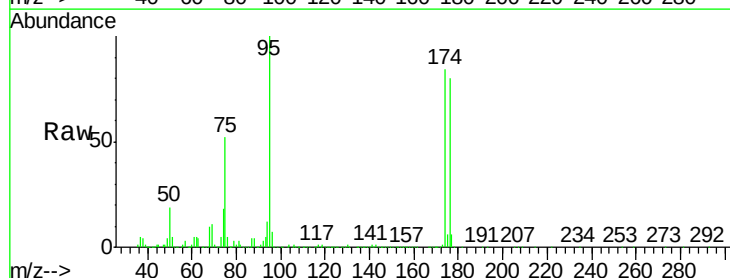
Tgt Ion: 95 Resp: 355169

Ion Ratio Lower Upper

95 100

174 79.7 0.0 160.2

176 77.3 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

300000

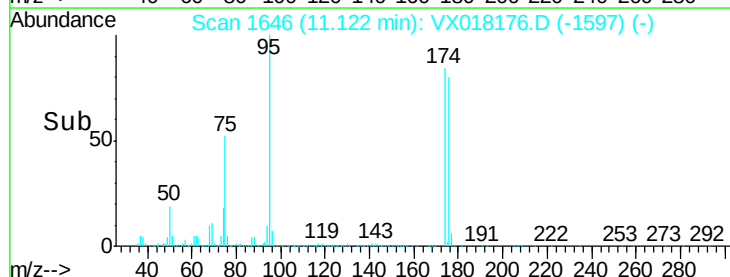
200000

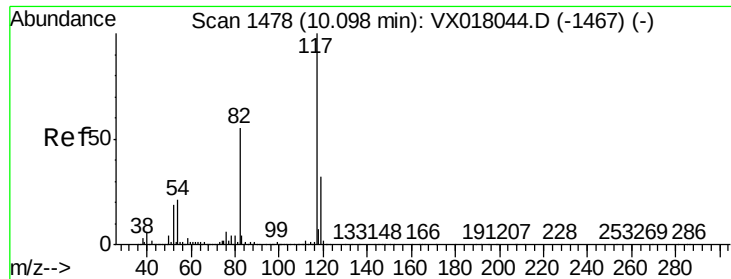
100000

0

Time-->

11.10 11.20





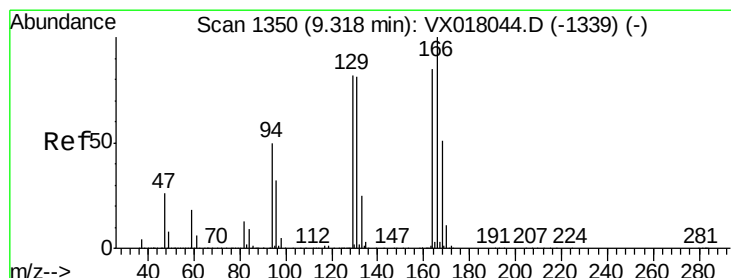
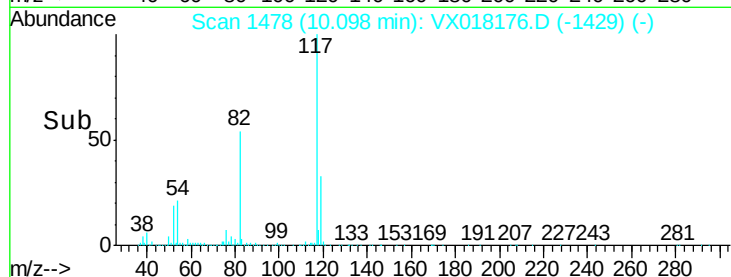
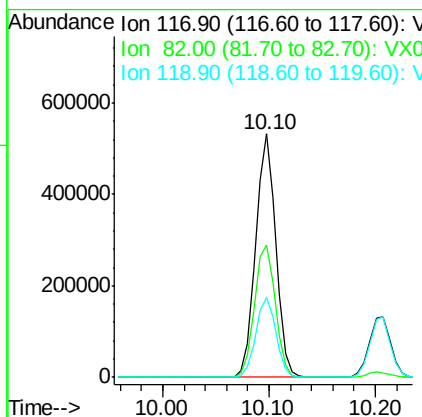
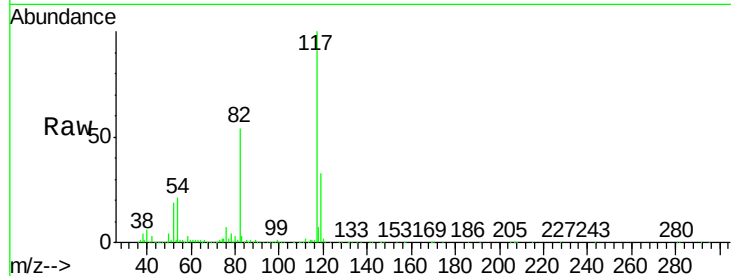
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	32.6	25.7	38.5

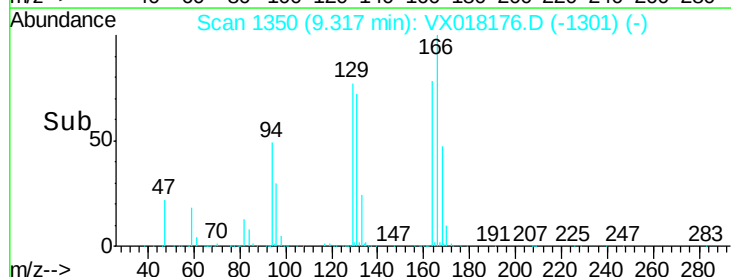
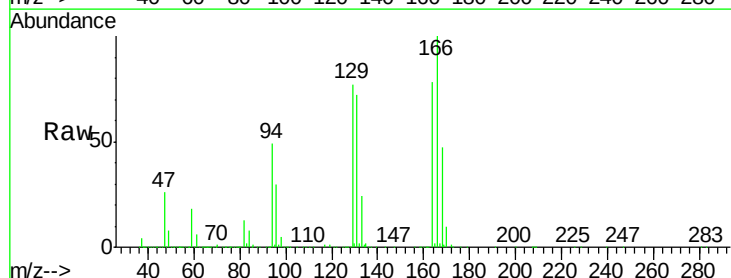
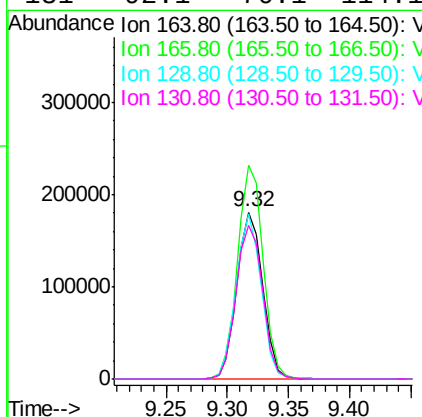
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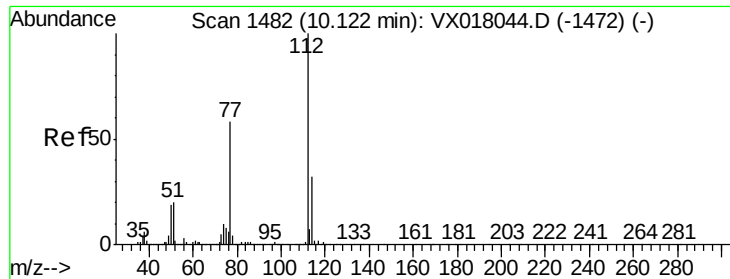
MMDadoda
9/1/2020 9:08:02 AM



#64
Tetrachloroethene
Concen: 50.783 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	94.2	141.2
129	98.9	76.9	115.3
131	92.1	76.1	114.1





#65

Chlorobenzene

Concen: 49.560 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 701546

Ion Ratio Lower Upper

112 100

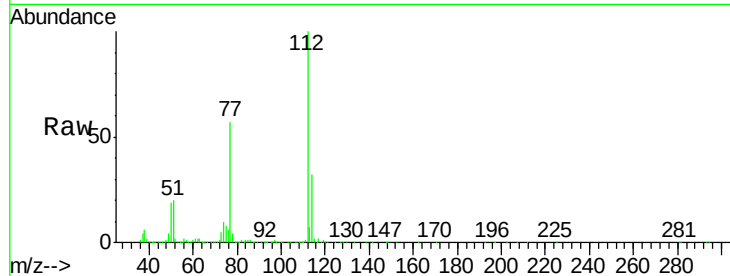
114 32.0 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

500000

400000

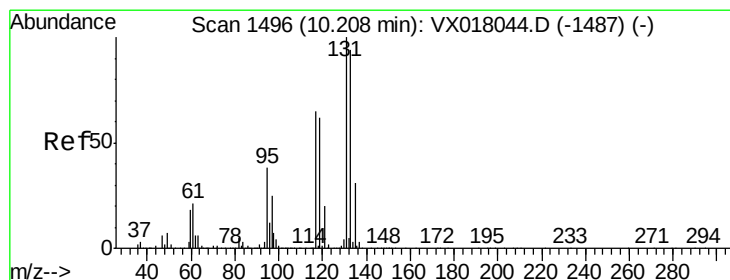
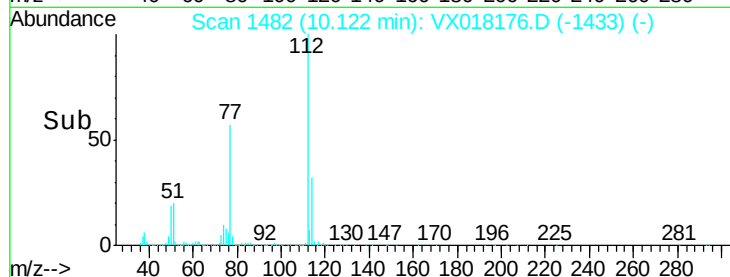
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 51.664 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

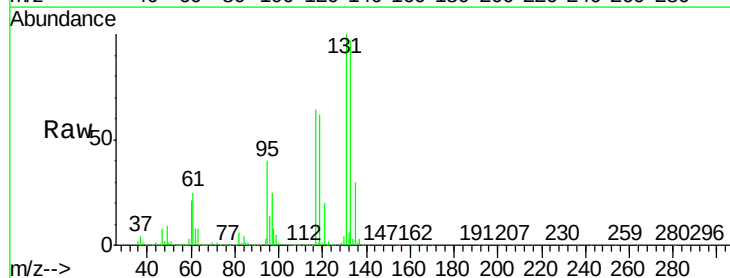
Tgt Ion:131 Resp: 288240

Ion Ratio Lower Upper

131 100

133 98.0 46.7 140.1

119 63.2 31.8 95.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

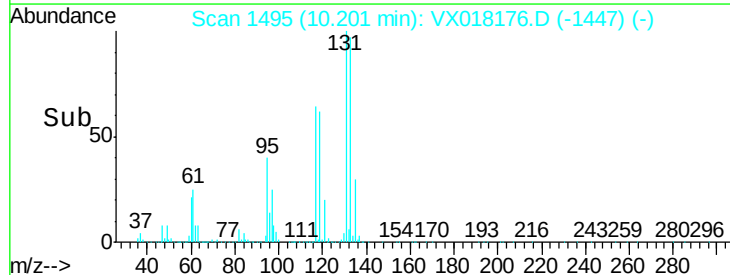
150000

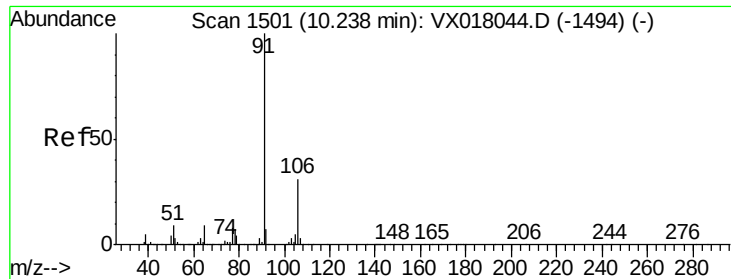
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 51.344 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1235982

Ion Ratio Lower Upper

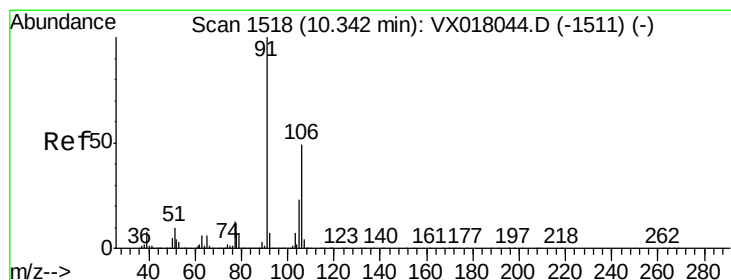
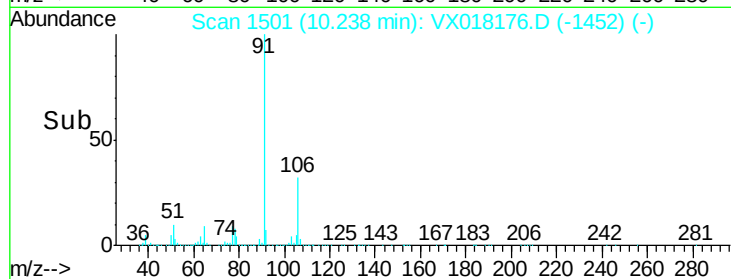
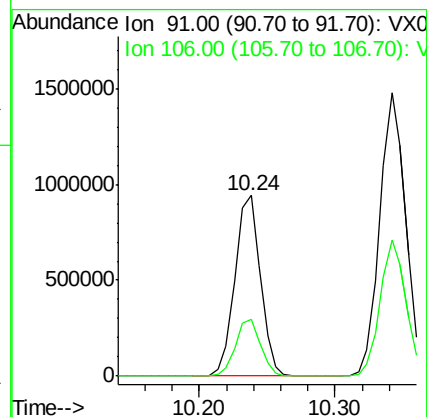
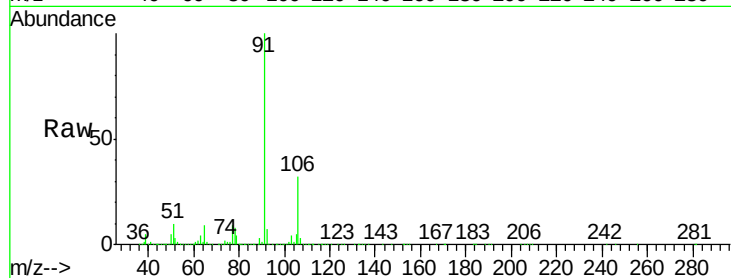
91 100

106 31.7 24.9 37.3

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#68

m/p-Xylenes

Concen: 103.819 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018176.D

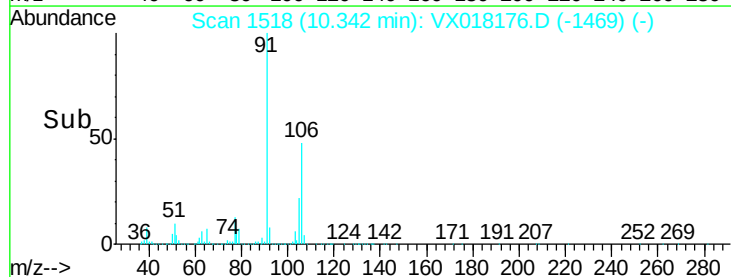
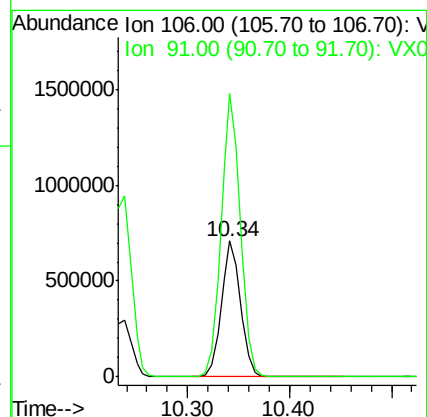
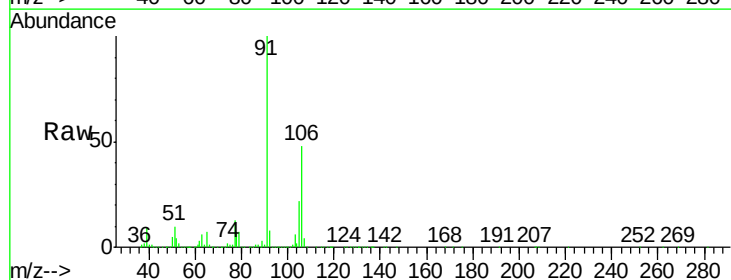
Acq: 01 Sep 2020 03:18

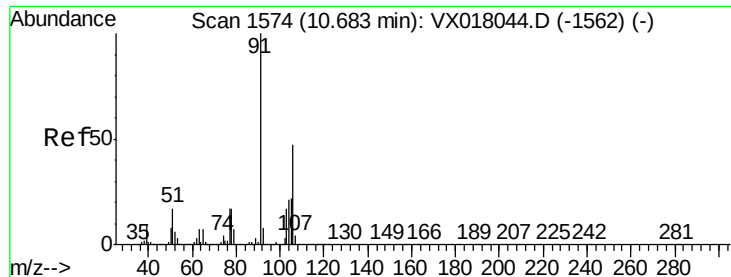
Tgt Ion: 106 Resp: 932822

Ion Ratio Lower Upper

106 100

91 209.2 162.2 243.2





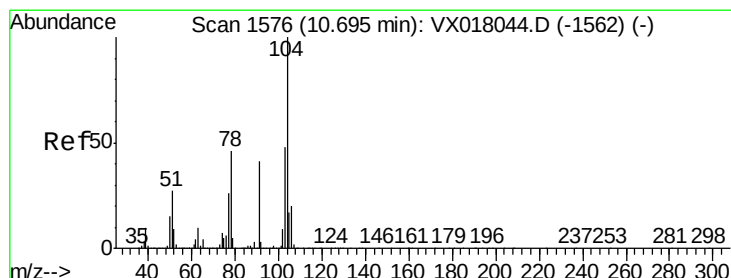
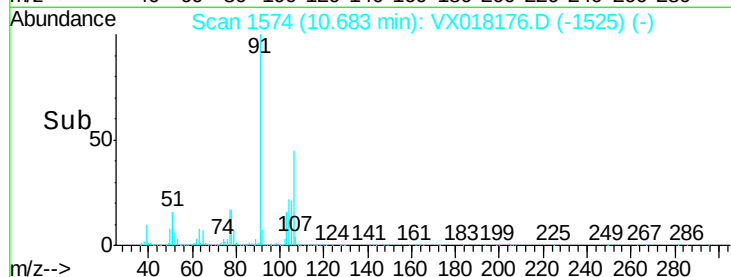
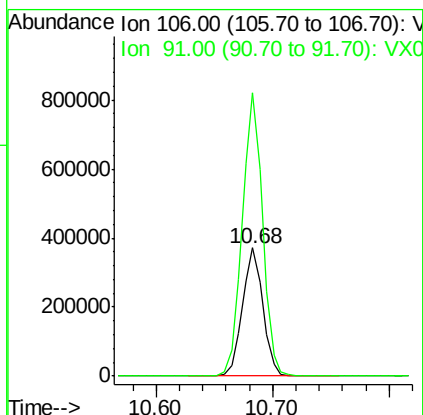
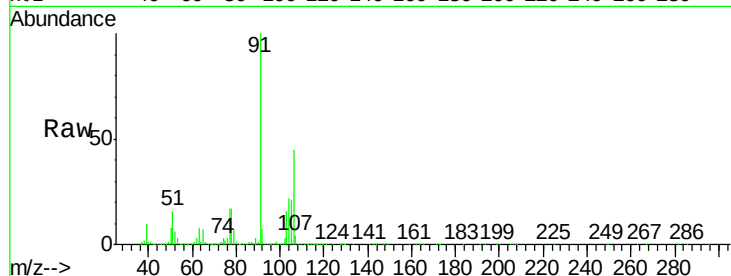
#69
o-Xylene
Concen: 52.243 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.6	107.1	321.3

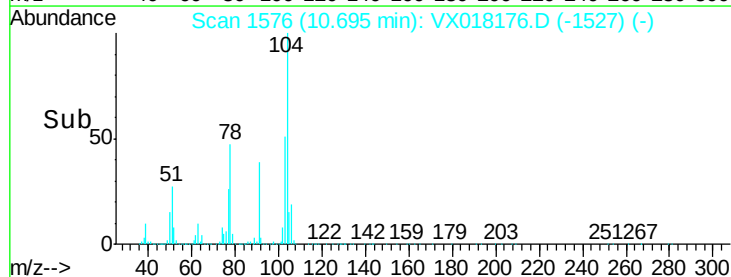
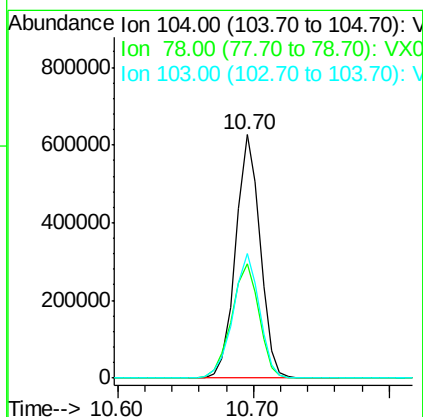
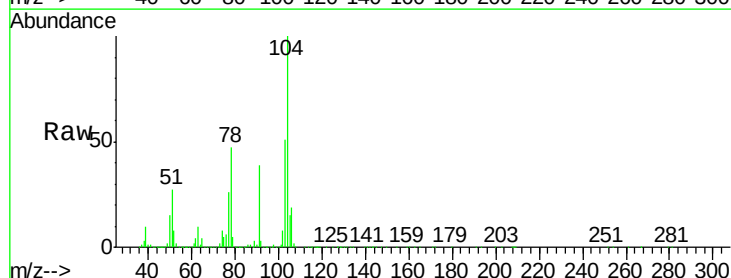
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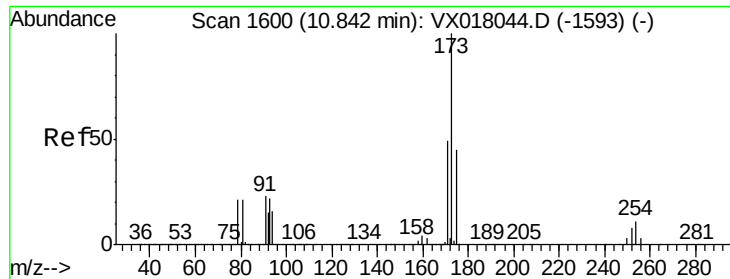
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#70
Styrene
Concen: 52.836 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.9	40.9	61.3
103	55.3	43.6	65.4





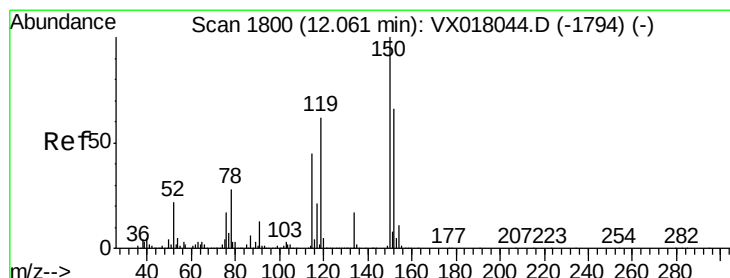
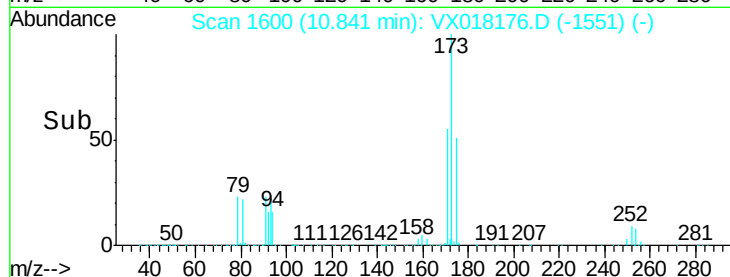
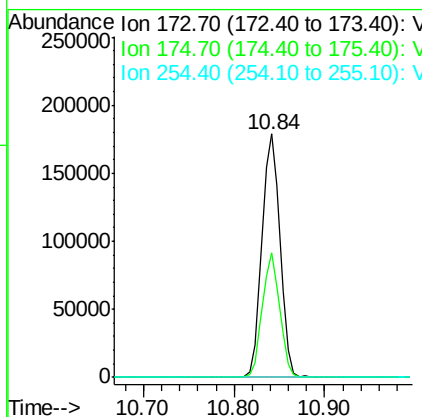
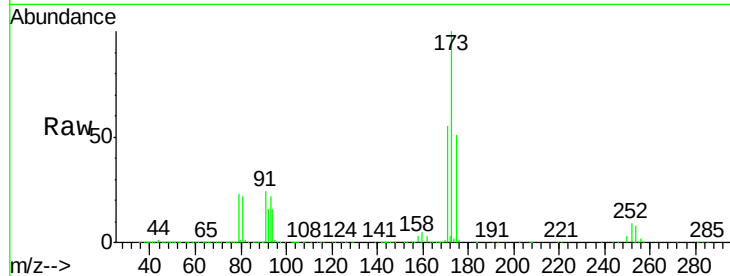
#71
Bromoform
Concen: 51.902 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
173	100	246991		
175	49.4	23.9	71.8	
254	0.2	0.2	0.2	

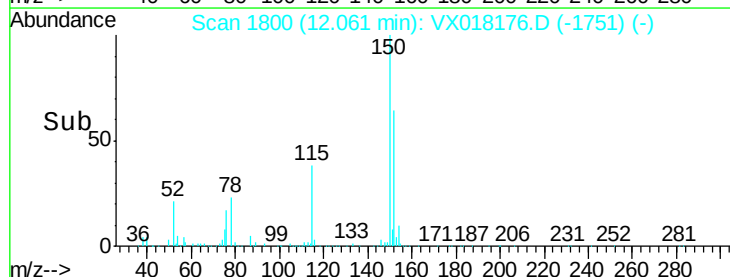
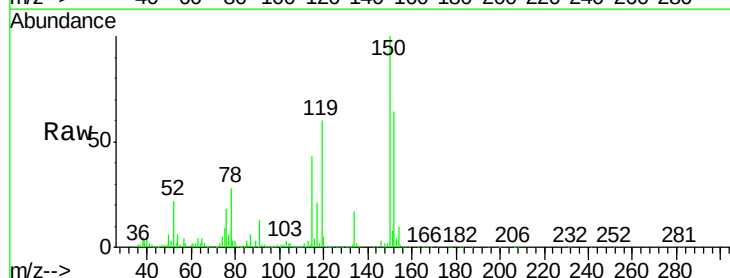
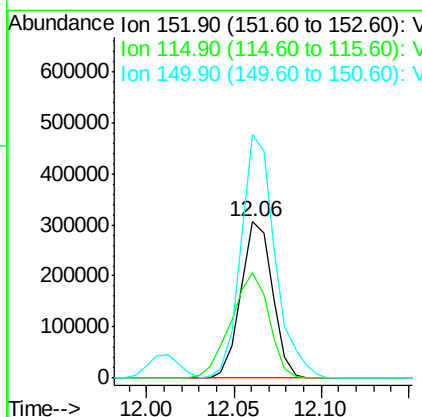
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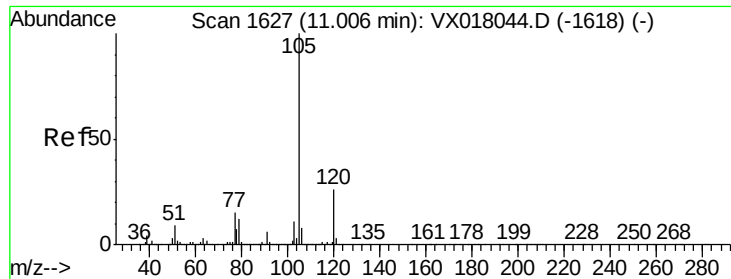
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	384313		
115	80.3	41.5	124.5	
150	167.9	0.0	343.8	





#73

Isopropylbenzene

Concen: 48.946 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1240759

Ion Ratio Lower Upper

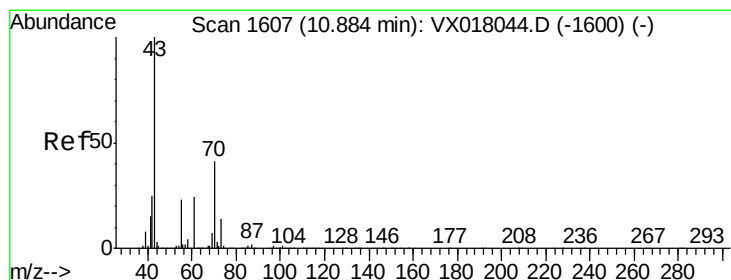
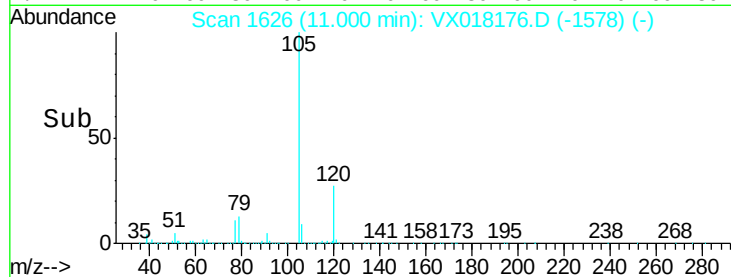
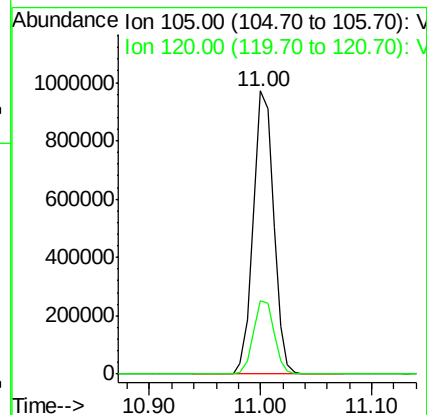
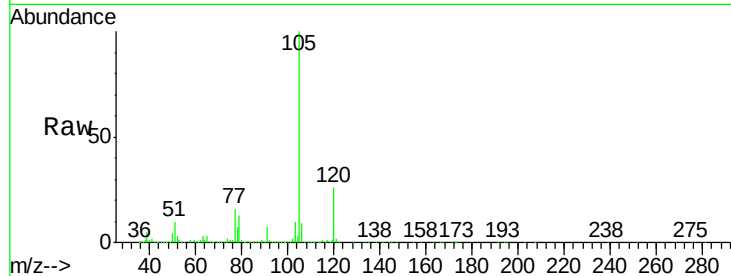
105 100

120 26.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 46.852 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion: 43 Resp: 563520

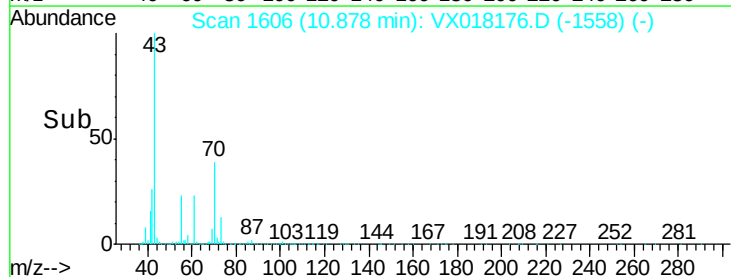
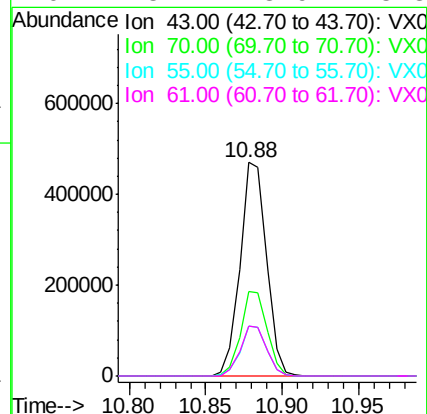
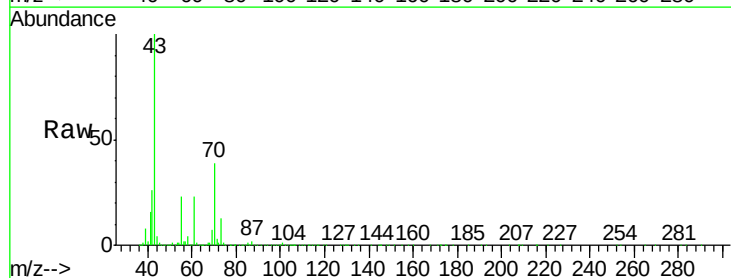
Ion Ratio Lower Upper

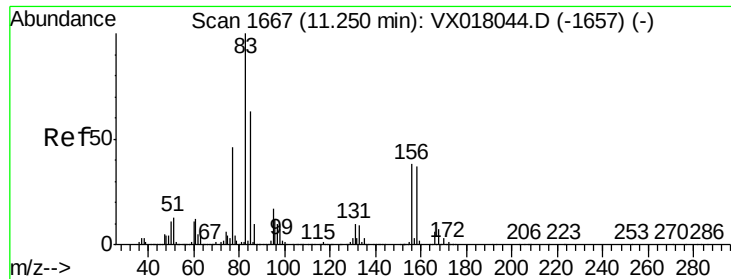
43 100

70 39.6 32.3 48.5

55 23.4 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 43.382 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

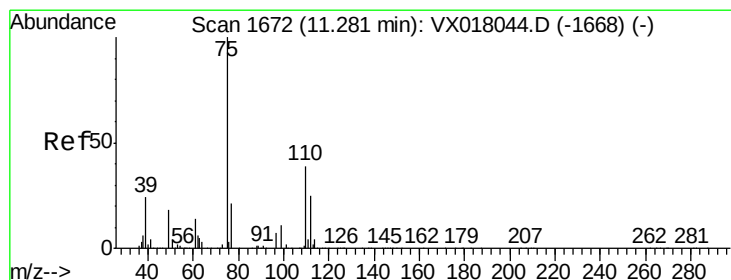
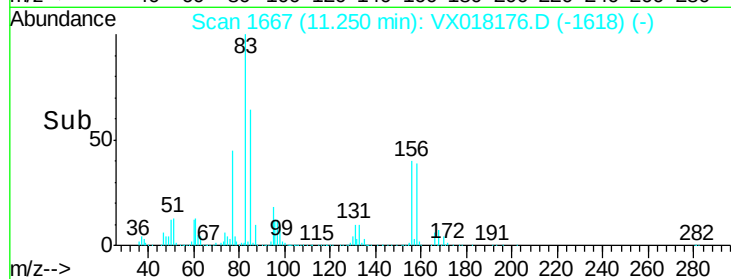
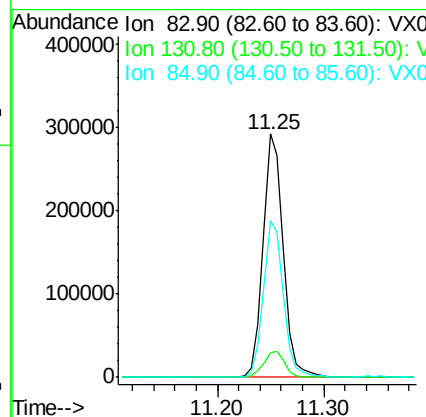
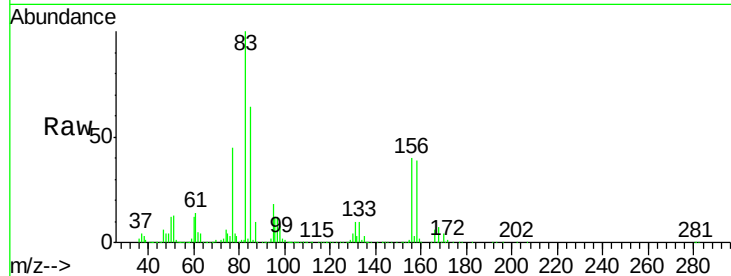
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	387943
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.1	15.4
85	64.4	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 44.126 ug/l m

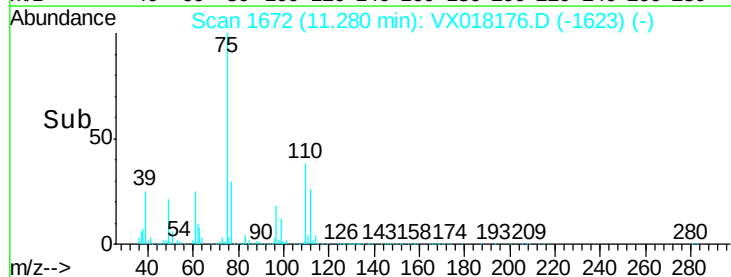
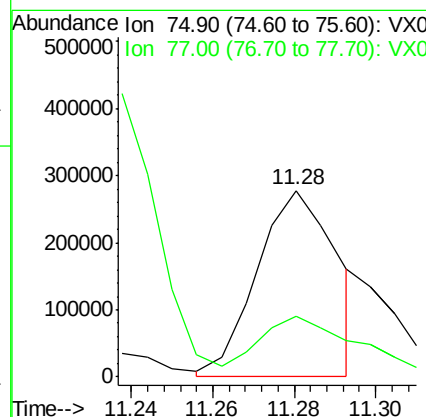
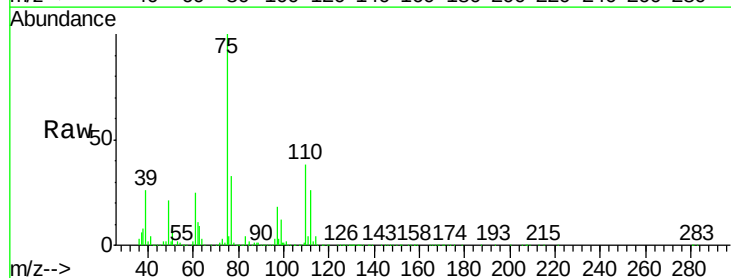
RT: 11.28 min Scan# 1672

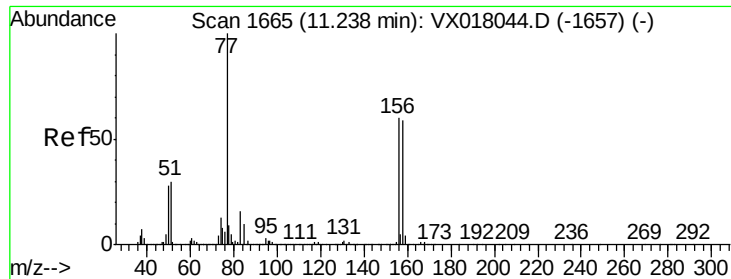
Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	75	Resp:	377241
Ion Ratio	Lower	Upper	
75	100		
77	40.8	20.8	62.2





#77

Bromobenzene

Concen: 48.403 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

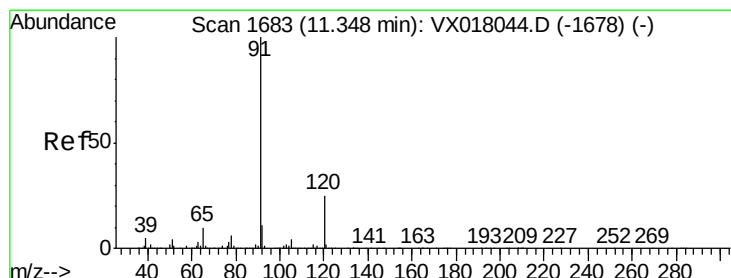
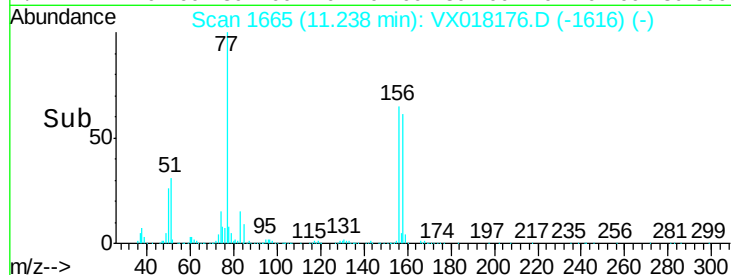
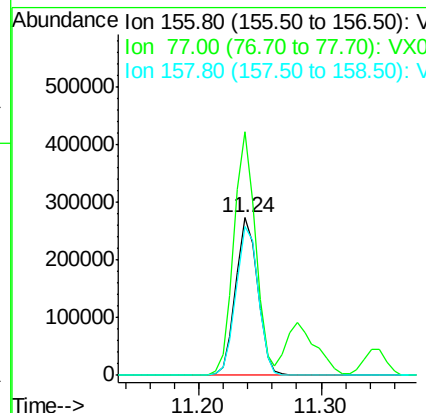
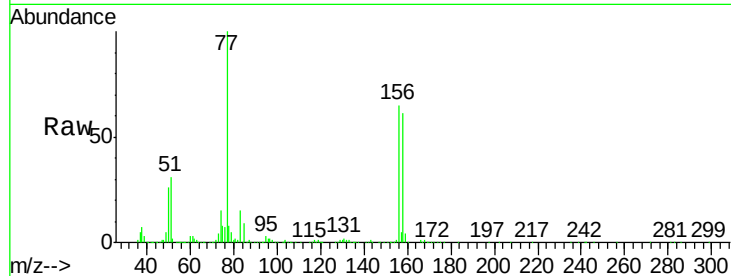
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	339171
Ion Ratio	Lower	Upper	
156	100		
77	152.2	80.0	240.2
158	95.8	49.5	148.7

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#78

n-propylbenzene

Concen: 48.967 ug/l

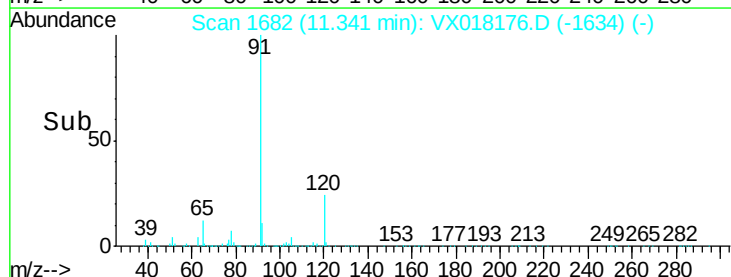
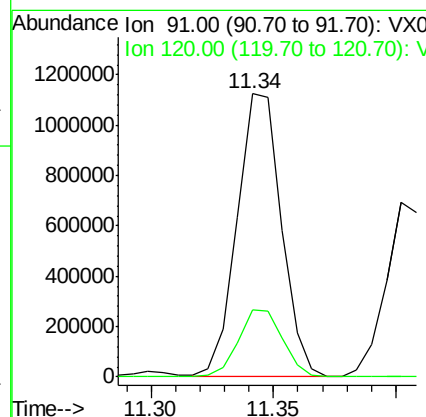
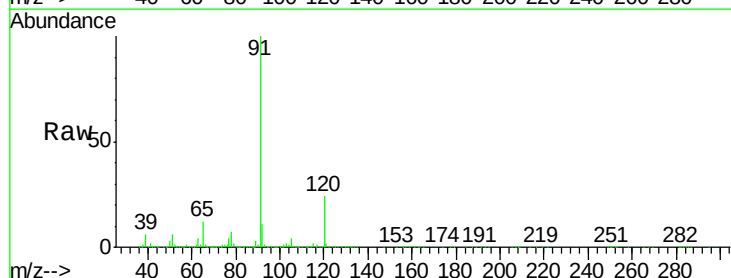
RT: 11.34 min Scan# 1682

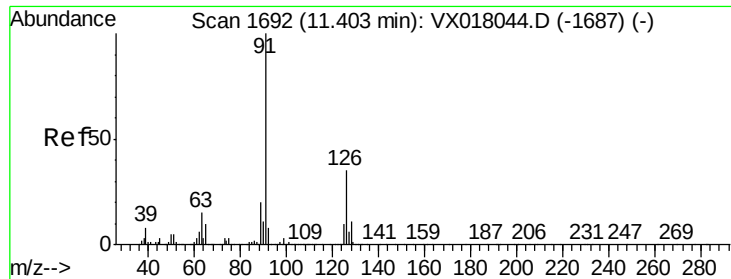
Delta R.T. -0.01 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	91	Resp:	1409444
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 48.456 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 861693

Ion Ratio Lower Upper

91 100

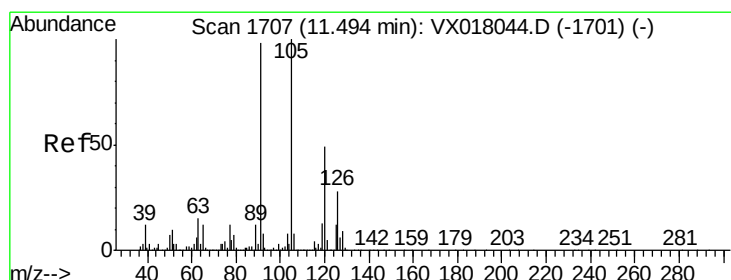
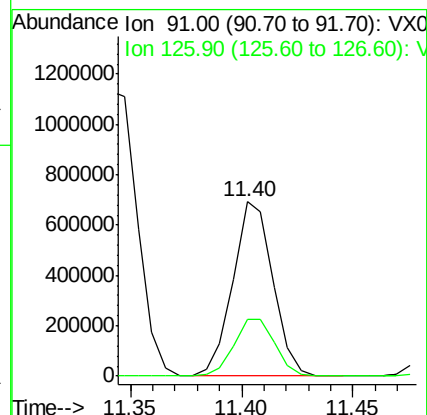
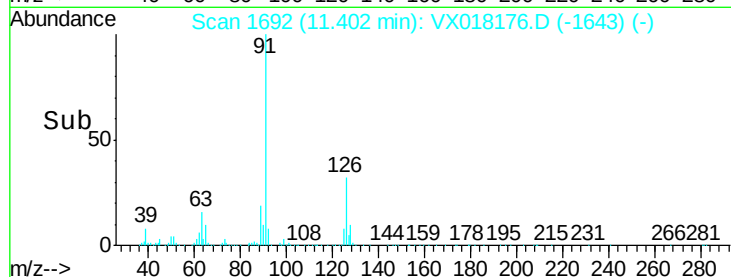
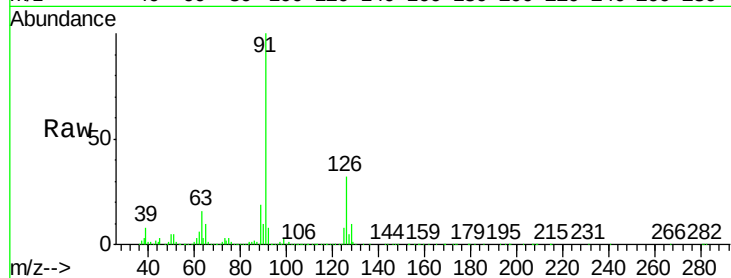
126 34.0 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 51.335 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018176.D

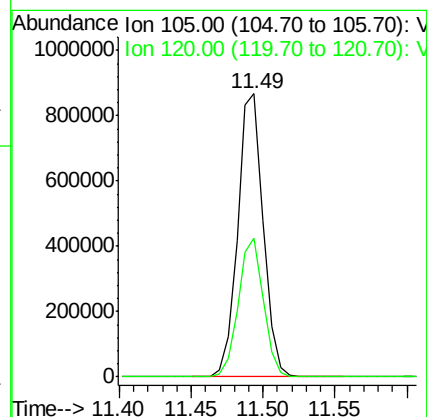
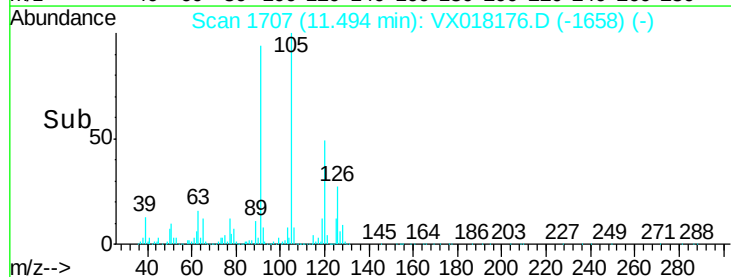
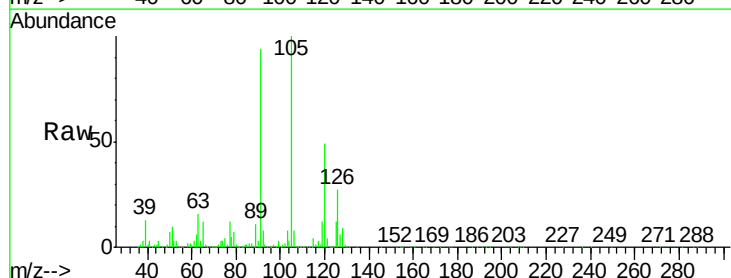
Acq: 01 Sep 2020 03:18

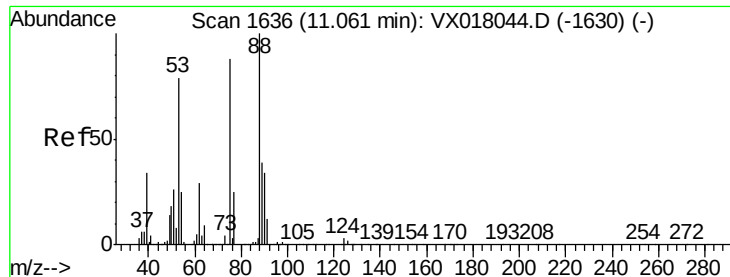
Tgt Ion: 105 Resp: 1069379

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 41.482 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

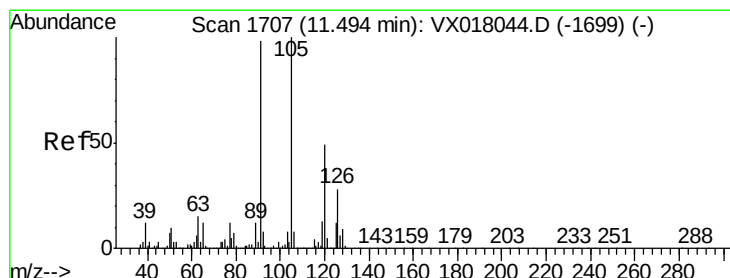
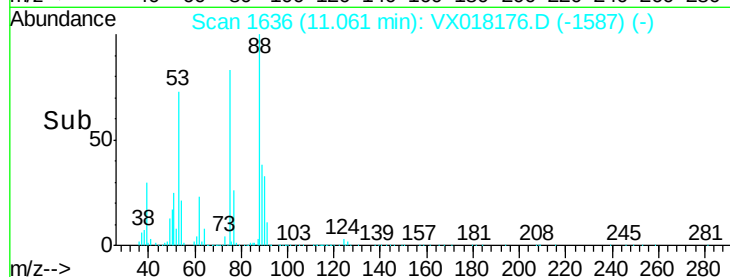
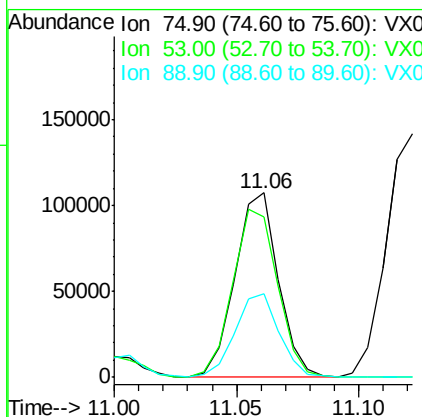
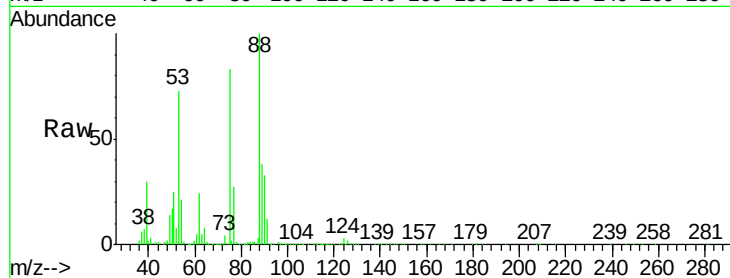
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	131307
Ion	Ratio	Lower	Upper
75	100		
53	95.0	74.7	112.1
89	46.4	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.668 ug/l

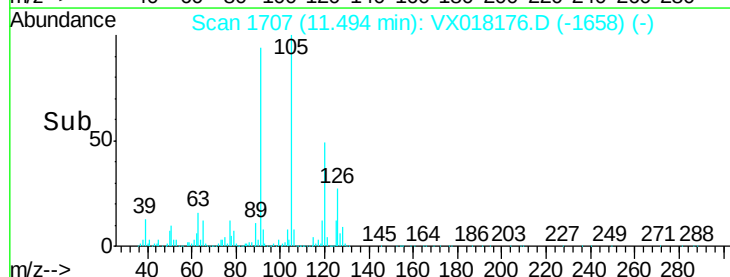
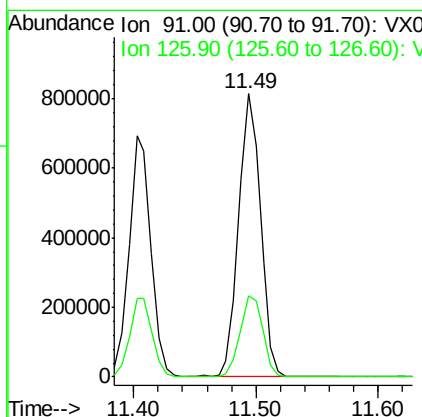
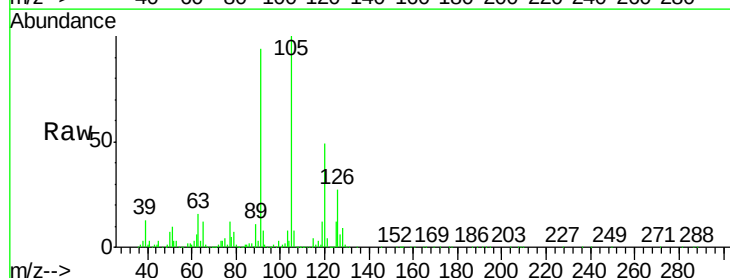
RT: 11.49 min Scan# 1707

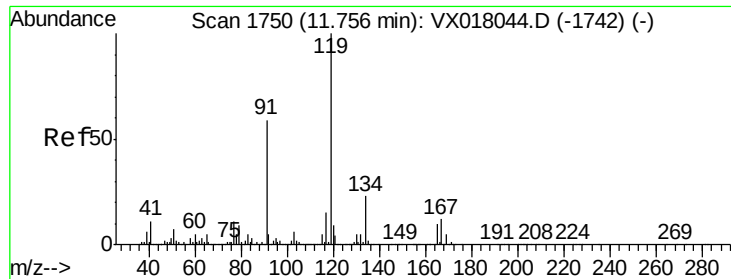
Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	91	Resp:	1007723
Ion	Ratio	Lower	Upper
91	100		
126	29.5	15.1	45.3





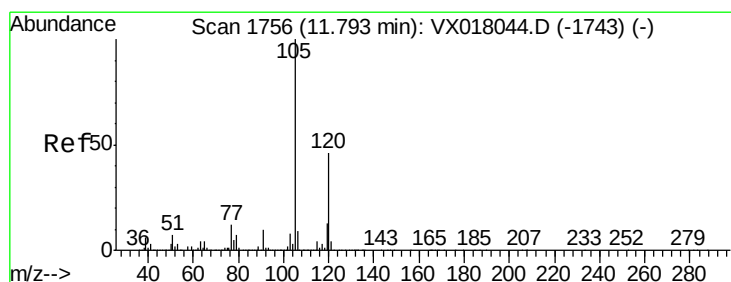
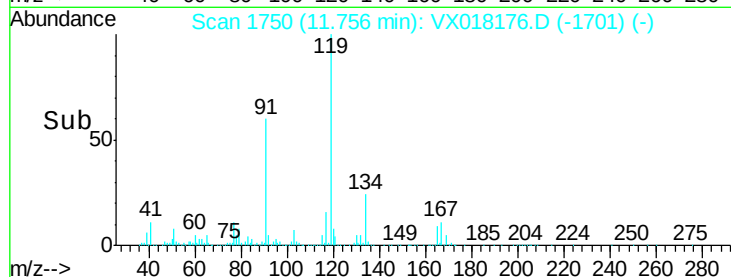
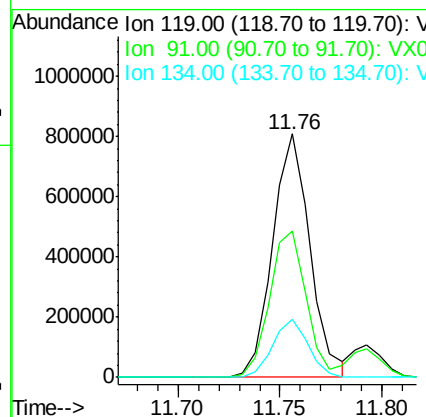
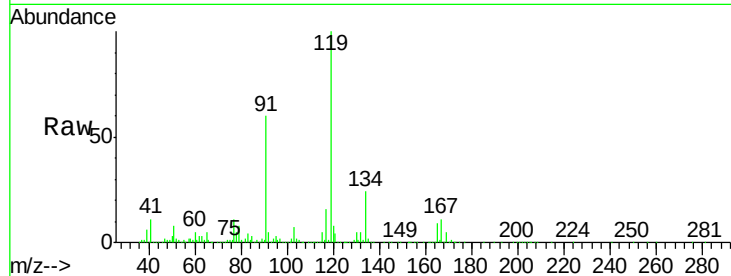
#83
 tert-Butylbenzene
 Concen: 50.172 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	28.2	84.7
134	22.7	11.3	33.8

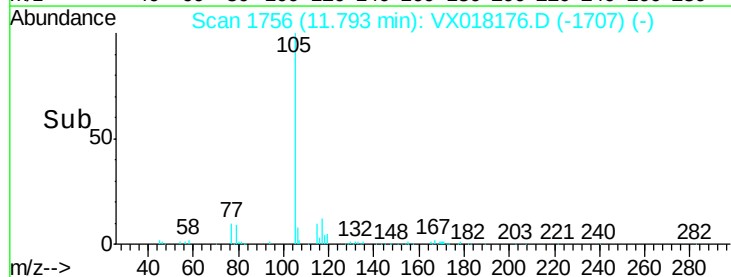
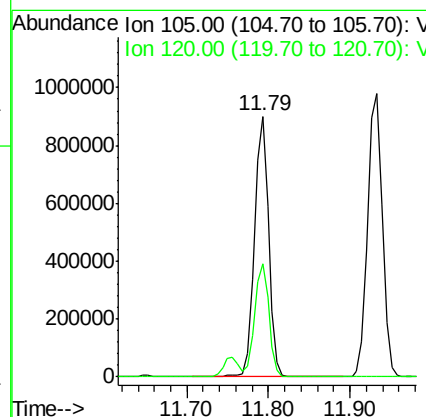
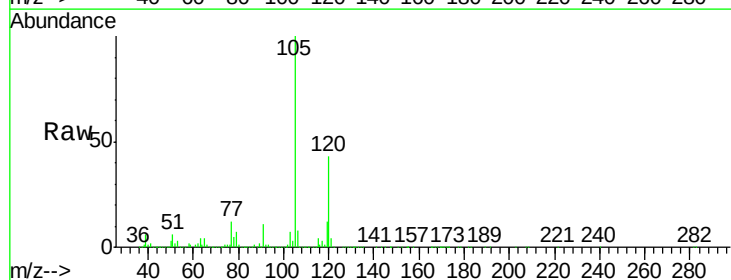
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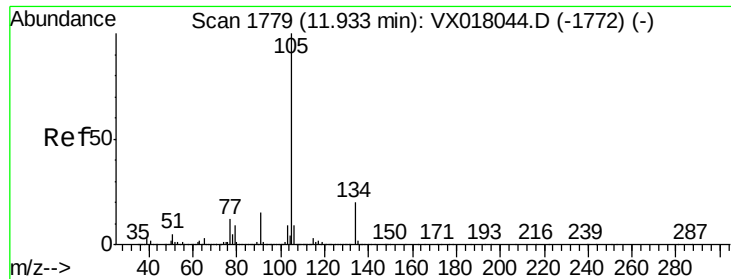
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.167 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.3	66.9





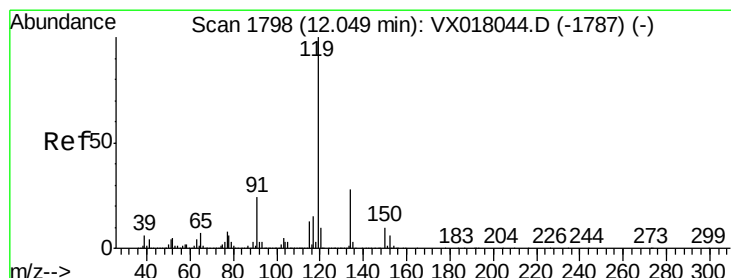
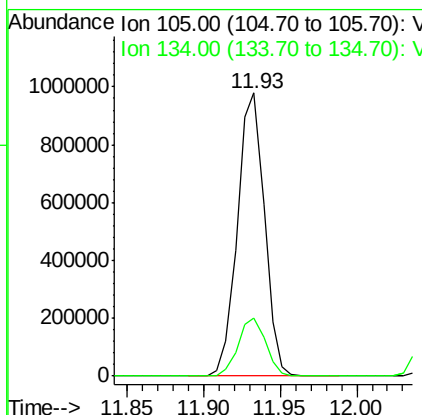
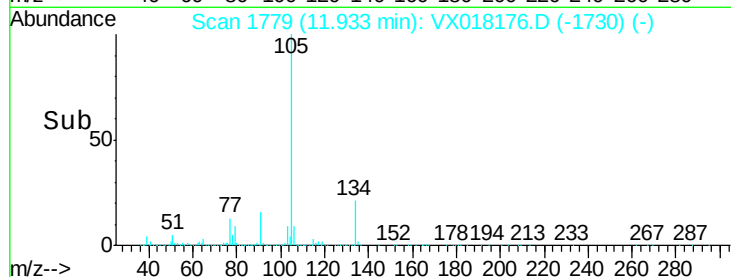
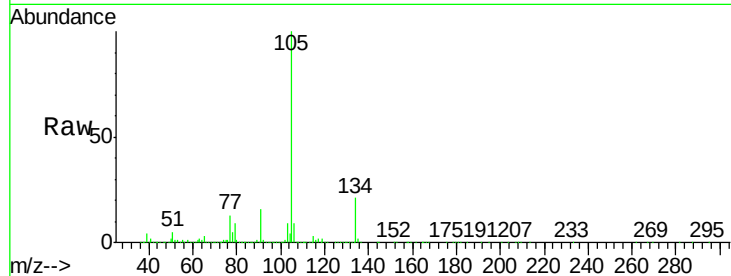
#85
 sec-Butylbenzene
 Concen: 51.243 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1197964
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.3

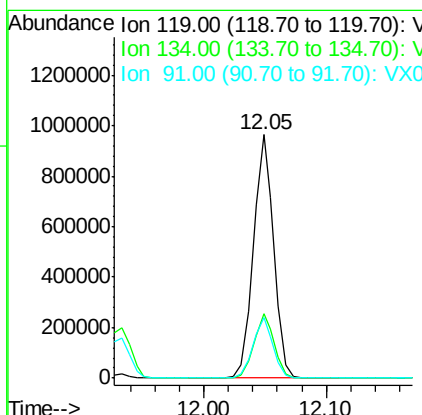
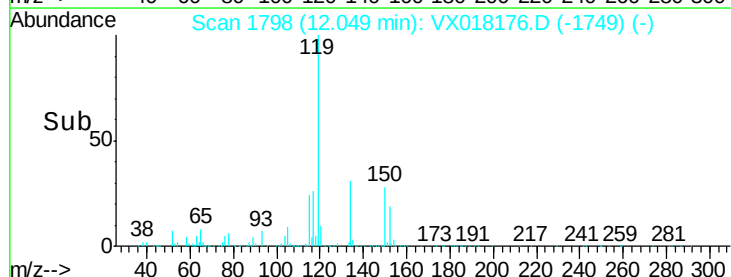
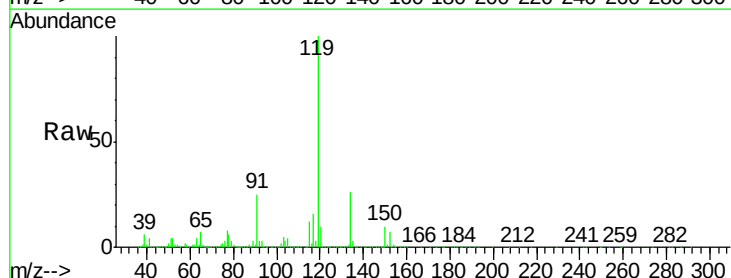
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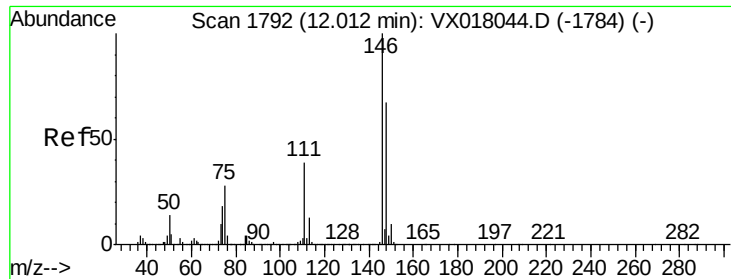
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 9/1/2020 9:08:02 AM



#86
 p-Isopropyltoluene
 Concen: 51.911 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Tgt Ion:119 Resp: 1114760
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 24.7 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 46.146 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Instrument :

MSVOA_X

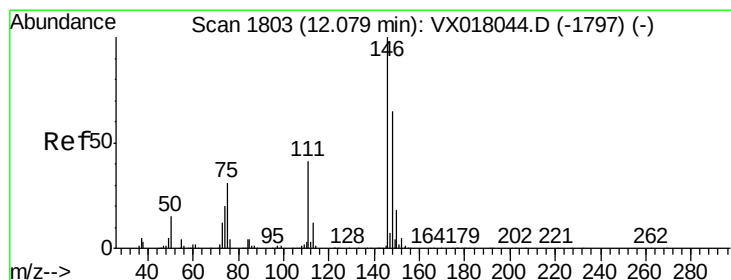
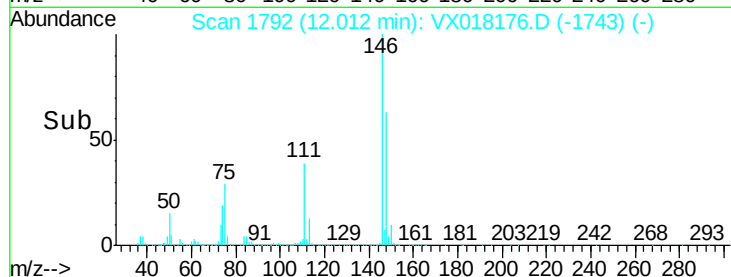
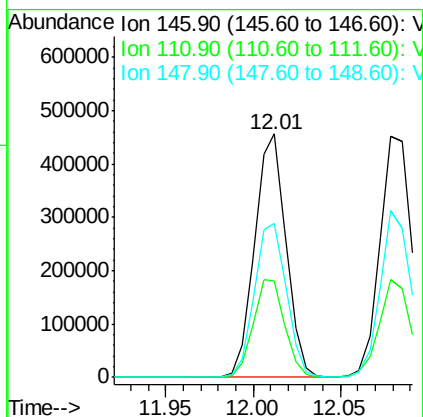
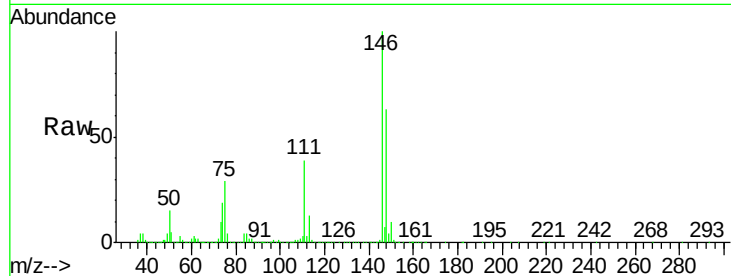
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	567719
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.6	61.8
148	64.8	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.381 ug/l

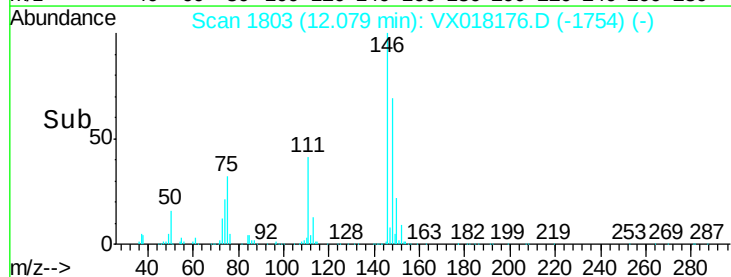
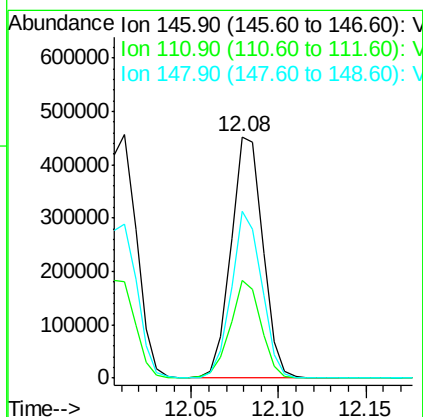
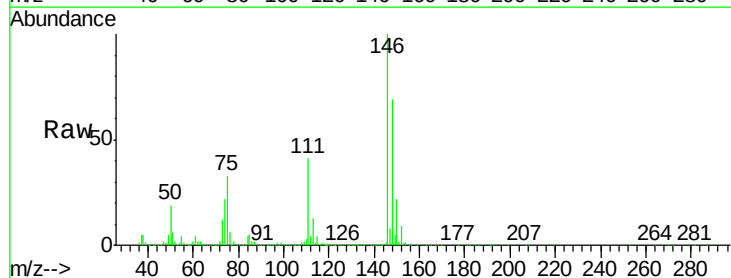
RT: 12.08 min Scan# 1803

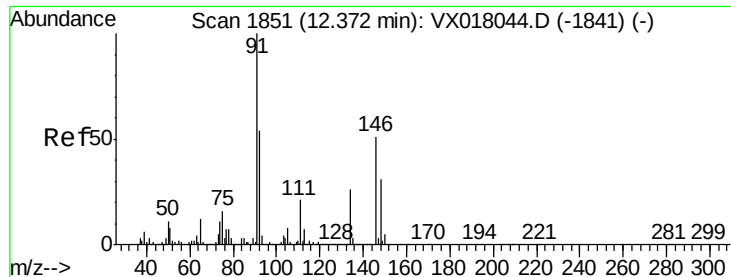
Delta R.T. -0.00 min

Lab File: VX018176.D

Acq: 01 Sep 2020 03:18

Tgt Ion:	146	Resp:	571332
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.3	60.8
148	66.0	33.1	99.2





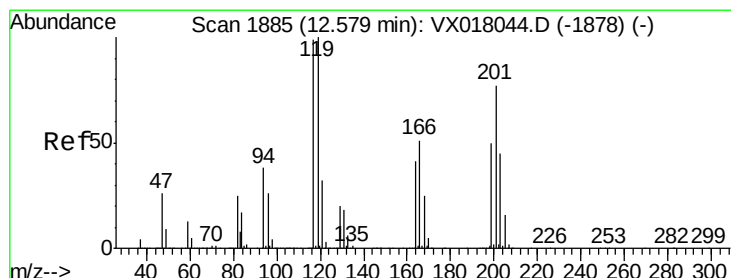
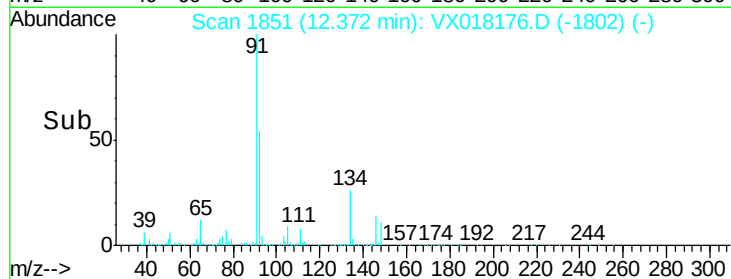
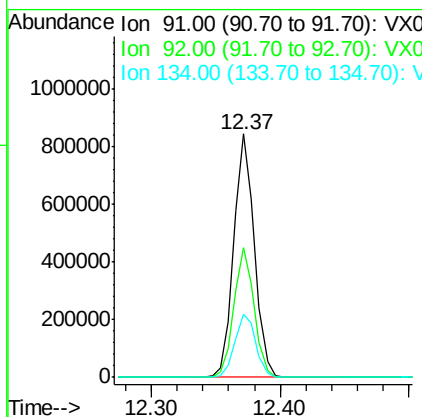
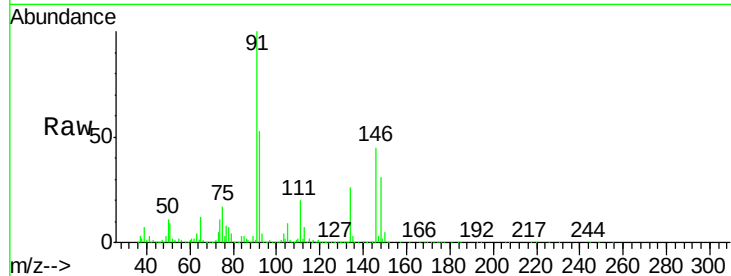
#89
n-Butylbenzene
Concen: 48.105 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	26.7	12.9	38.7

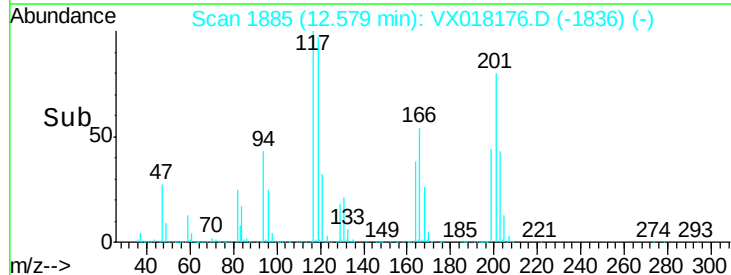
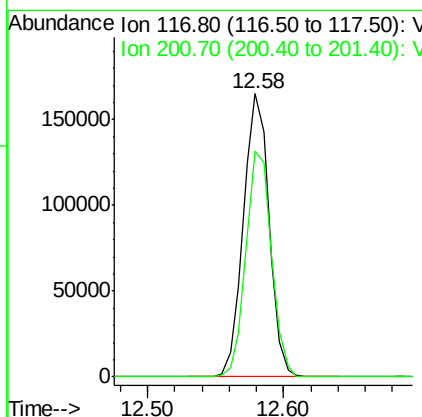
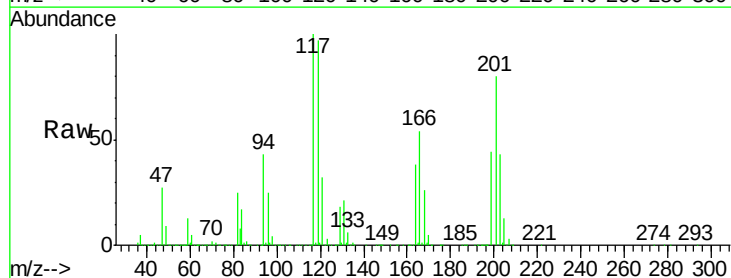
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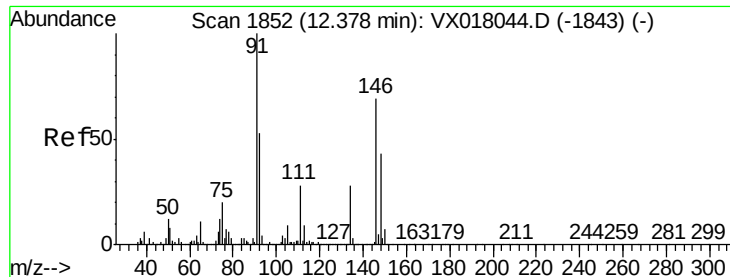
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#90
Hexachloroethane
Concen: 51.432 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.1	38.5	115.3





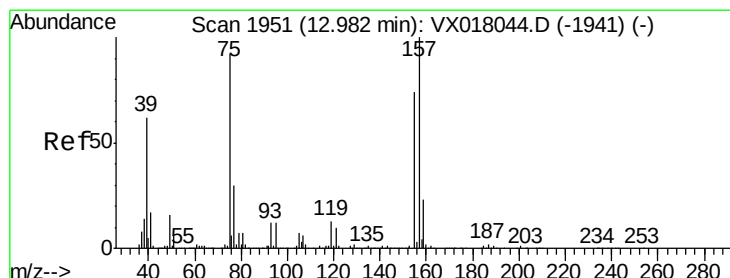
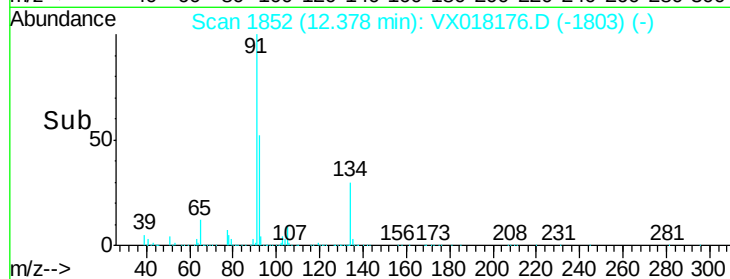
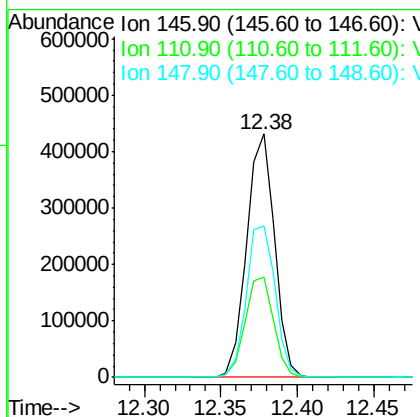
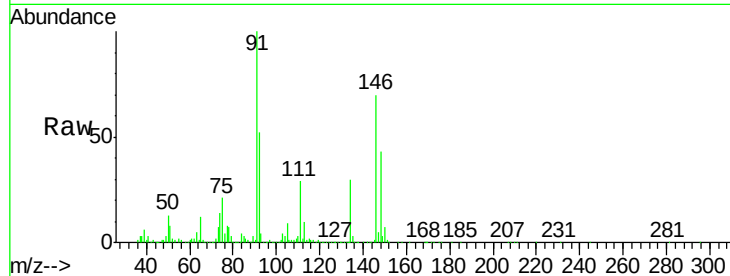
#91
 1,2-Dichlorobenzene
 Concen: 47.188 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.5
148	64.5	31.6	95.0

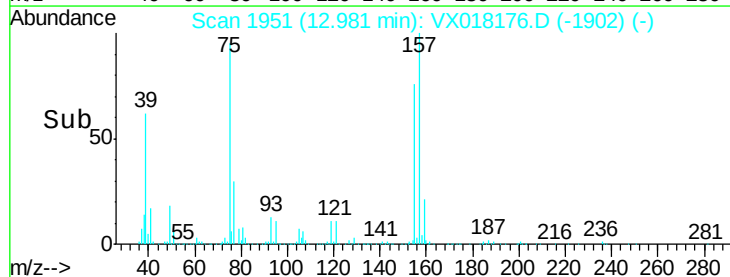
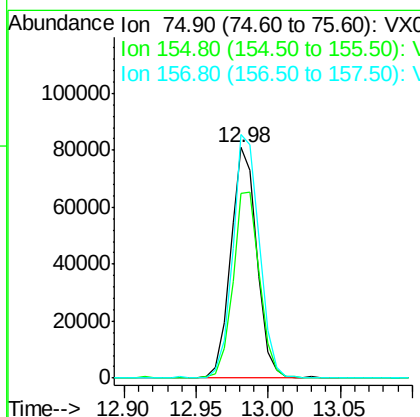
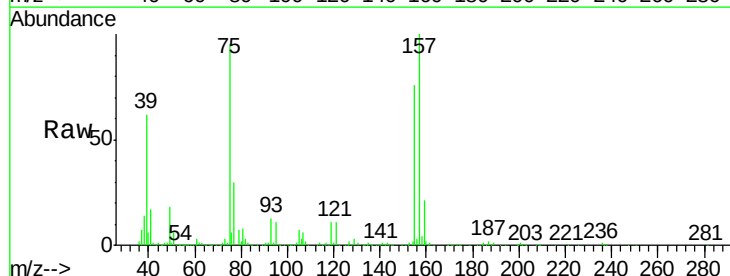
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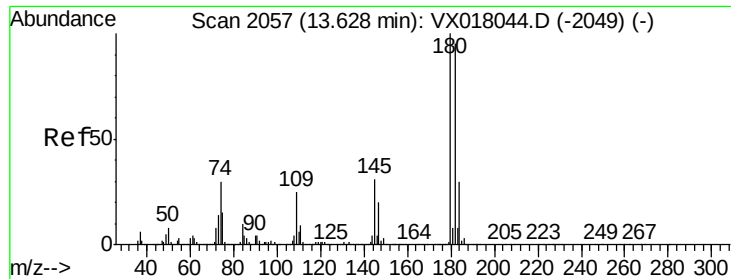
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.260 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018176.D
 Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	40.2	120.6
157	106.3	55.0	165.2





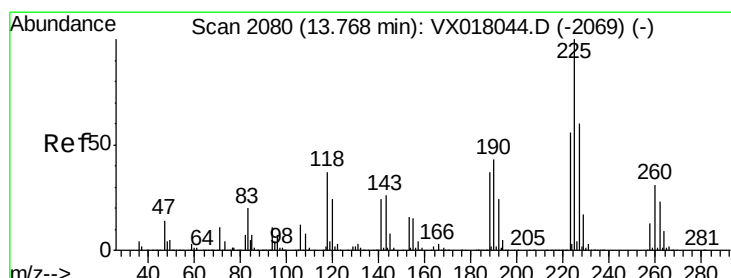
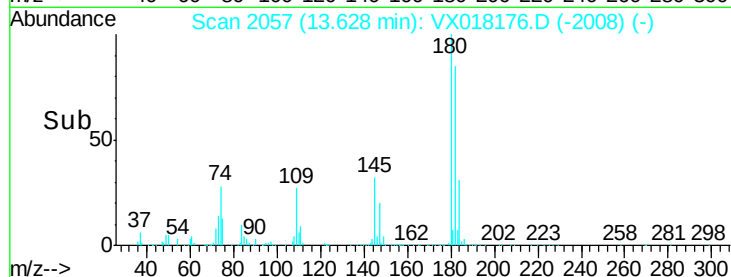
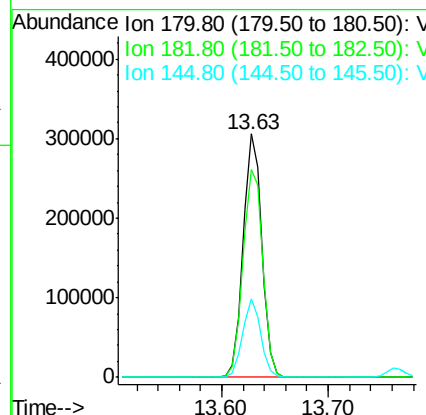
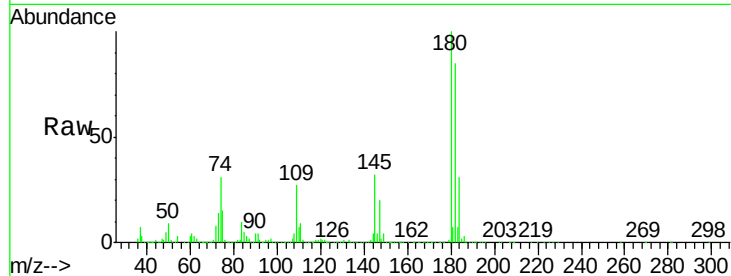
#93
1,2,4-Trichlorobenzene
Concen: 48.602 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	375320		
182	90.8	47.5	142.6	
145	31.5	15.7	47.1	

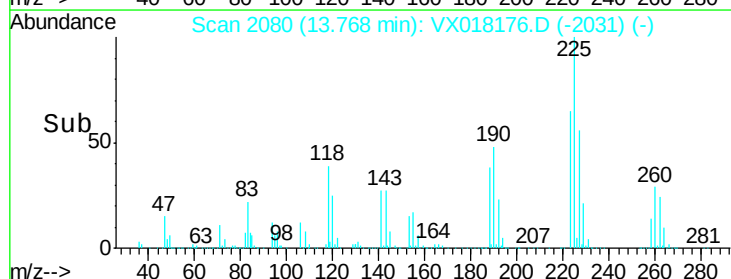
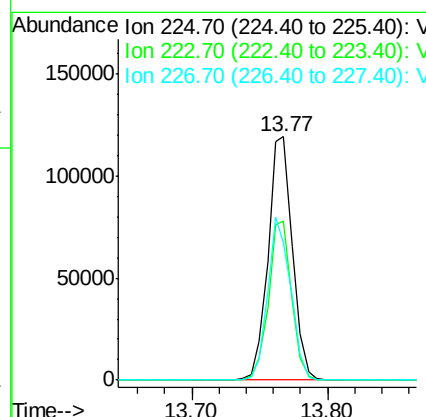
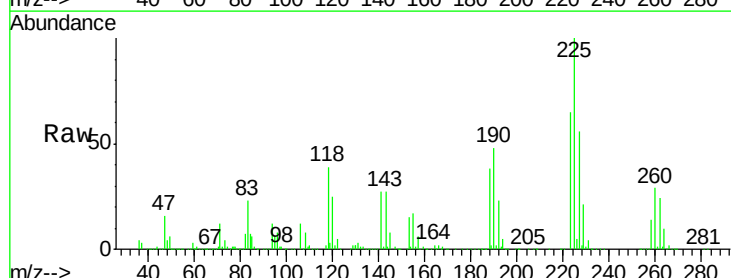
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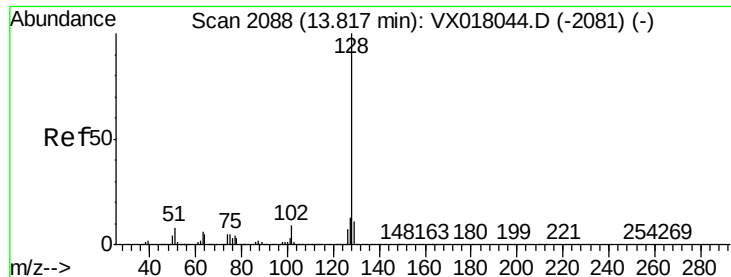
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#94
Hexachlorobutadiene
Concen: 49.211 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149893		
223	62.4	30.7	92.1	
227	63.1	32.6	97.8	





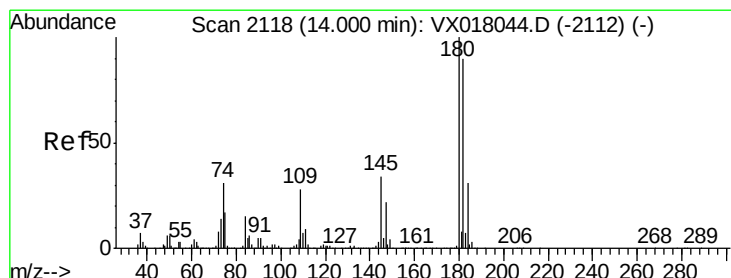
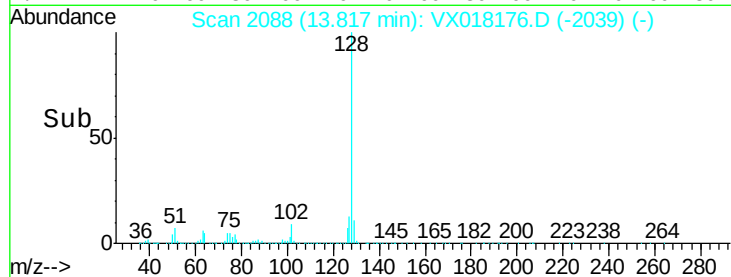
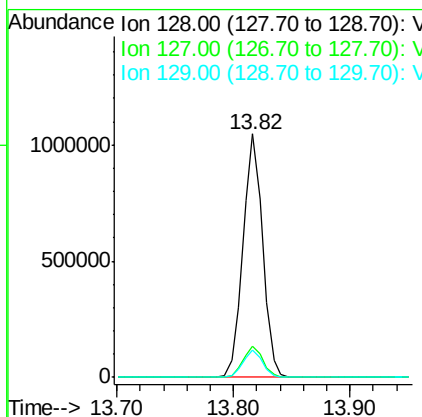
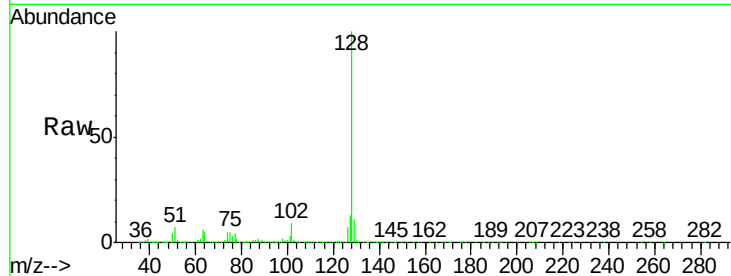
#95
Naphthalene
Concen: 48.616 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.771 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018176.D
Acq: 01 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.3	142.0
145	33.9	17.5	52.6

