

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081920\
 Data File : VX017994.D
 Acq On : 19 Aug 2020 18:45
 Operator : JC/SP
 Sample : L3718-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:08 AM

Quant Time: Aug 20 05:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	439327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	690719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	623353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	324508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	288267	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.46	113	231511	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
50) Toluene-d8	8.70	98	786127	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	11.12	95	327905	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	313531	47.282	ug/l	93
3) Chloromethane	1.31	50	311124	51.784	ug/l	100
4) Vinyl Chloride	1.39	62	304668	49.024	ug/l	99
5) Bromomethane	1.62	94	186682	55.524	ug/l	97
6) Chloroethane	1.71	64	171974	52.195	ug/l	100
7) Trichlorofluoromethane	1.92	101	468191	50.891	ug/l	99
8) Diethyl Ether	2.17	74	128559	47.948	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	207942	48.058	ug/l	98
10) Methyl Iodide	2.49	142	229954	41.213	ug/l	99
11) Tert butyl alcohol	3.02	59	283250	227.796	ug/l	99
12) 1,1-Dichloroethene	2.36	96	191381	48.330	ug/l	94
13) Acrolein	2.28	56	36751	55.951	ug/l	99
14) Allyl chloride	2.71	41	334511	47.364	ug/l	100
15) Acrylonitrile	3.12	53	699012	257.414	ug/l	99
16) Acetone	2.42	43	627442	247.644	ug/l	100
17) Carbon Disulfide	2.55	76	487828	50.774	ug/l	99
18) Methyl Acetate	2.75	43	300161	47.081	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	803700	53.086	ug/l	100
20) Methylene Chloride	2.84	84	226035	48.422	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	204050	50.124	ug/l	90
22) Diisopropyl ether	3.83	45	791596	53.468	ug/l	99
23) Vinyl Acetate	3.79	43	2784442	246.107	ug/l	99
24) 1,1-Dichloroethane	3.67	63	424650	51.741	ug/l	97
25) 2-Butanone	4.64	43	952133	248.226	ug/l	97
26) 2,2-Dichloropropane	4.55	77	336086	44.969	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	263408	54.851	ug/l	98
28) Bromochloromethane	4.98	49	192245	45.326	ug/l	99
29) Tetrahydrofuran	5.09	42	615345	258.305	ug/l	100
30) Chloroform	5.18	83	439877	49.035	ug/l	99
31) Cyclohexane	5.55	56	345425	51.903	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	405189	49.791	ug/l	99
36) 1,1-Dichloropropene	5.77	75	284380	49.189	ug/l	98
37) Ethyl Acetate	4.80	43	308679	44.624	ug/l	99
38) Carbon Tetrachloride	5.76	117	370130	49.467	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	351736	47.543	ug/l	94
40) Benzene	6.12	78	872830	50.125	ug/l	100
41) Methacrylonitrile	5.01	41	203454	51.316	ug/l	99
42) 1,2-Dichloroethane	6.17	62	362702	49.037	ug/l	100
43) Isopropyl Acetate	6.42	43	539289	48.295	ug/l	99
44) Trichloroethene	7.19	130	259336	50.222	ug/l	94
45) 1,2-Dichloropropane	7.49	63	234571	47.016	ug/l	96
46) Dibromomethane	7.64	93	166081	47.697	ug/l	97
47) Bromodichloromethane	7.88	83	362376	47.939	ug/l	99
48) Methyl methacrylate	7.75	41	278389	50.290	ug/l	97
49) 1,4-Dioxane	7.71	88	98006	864.782	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1765240	234.792	ug/l	100
52) Toluene	8.77	92	583562	51.224	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	414305	51.821	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	386665	46.385	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	256142	48.941	ug/l	98
56) Ethyl methacrylate	9.16	69	380210	51.381	ug/l	96
57) 1,3-Dichloropropane	9.35	76	403123	48.499	ug/l	99
59) 2-Hexanone	9.48	43	1444660	253.586	ug/l	99
60) Dibromochloromethane	9.57	129	325636	49.818	ug/l	99
61) 1,2-Dibromoethane	9.65	107	261868	45.172	ug/l	98
64) Tetrachloroethene	9.32	164	225683	47.408	ug/l	93
65) Chlorobenzene	10.12	112	624713	50.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	265887	50.799	ug/l	99
67) Ethyl Benzene	10.24	91	1097391	53.799	ug/l	99
68) m/p-Xylenes	10.34	106	846004	107.731	ug/l	98
69) o-Xylene	10.68	106	444545	58.704	ug/l	97
70) Styrene	10.70	104	762355	58.353	ug/l	99
71) Bromoform	10.84	173	255630	54.414	ug/l #	100
73) Isopropylbenzene	11.01	105	1163123	55.686	ug/l	100
74) N-amyl acetate	10.88	43	509188	54.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	365642	50.182	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	349330m	50.619	ug/l	
77) Bromobenzene	11.24	156	303271	52.333	ug/l	99
78) n-propylbenzene	11.35	91	1297475	53.110	ug/l	99
79) 2-Chlorotoluene	11.41	91	787956	52.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	969067	52.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	138866	52.863	ug/l	98
82) 4-Chlorotoluene	11.49	91	933511	53.319	ug/l	100
83) tert-Butylbenzene	11.76	119	973924	56.249	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1003801	52.885	ug/l	100
85) sec-Butylbenzene	11.93	105	1097965	52.531	ug/l	100
86) p-Isopropyltoluene	12.05	119	1056494	54.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	537647	50.975	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	536984	51.968	ug/l	98
89) n-Butylbenzene	12.37	91	886910	55.116	ug/l	98
90) Hexachloroethane	12.58	117	216457	55.977	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	528413	54.271	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105986	57.102	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	341645	53.337	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	141628	51.811	ug/l	95
95) Naphthalene	13.82	128	1134953	56.133	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	341763	52.471	ug/l	97

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

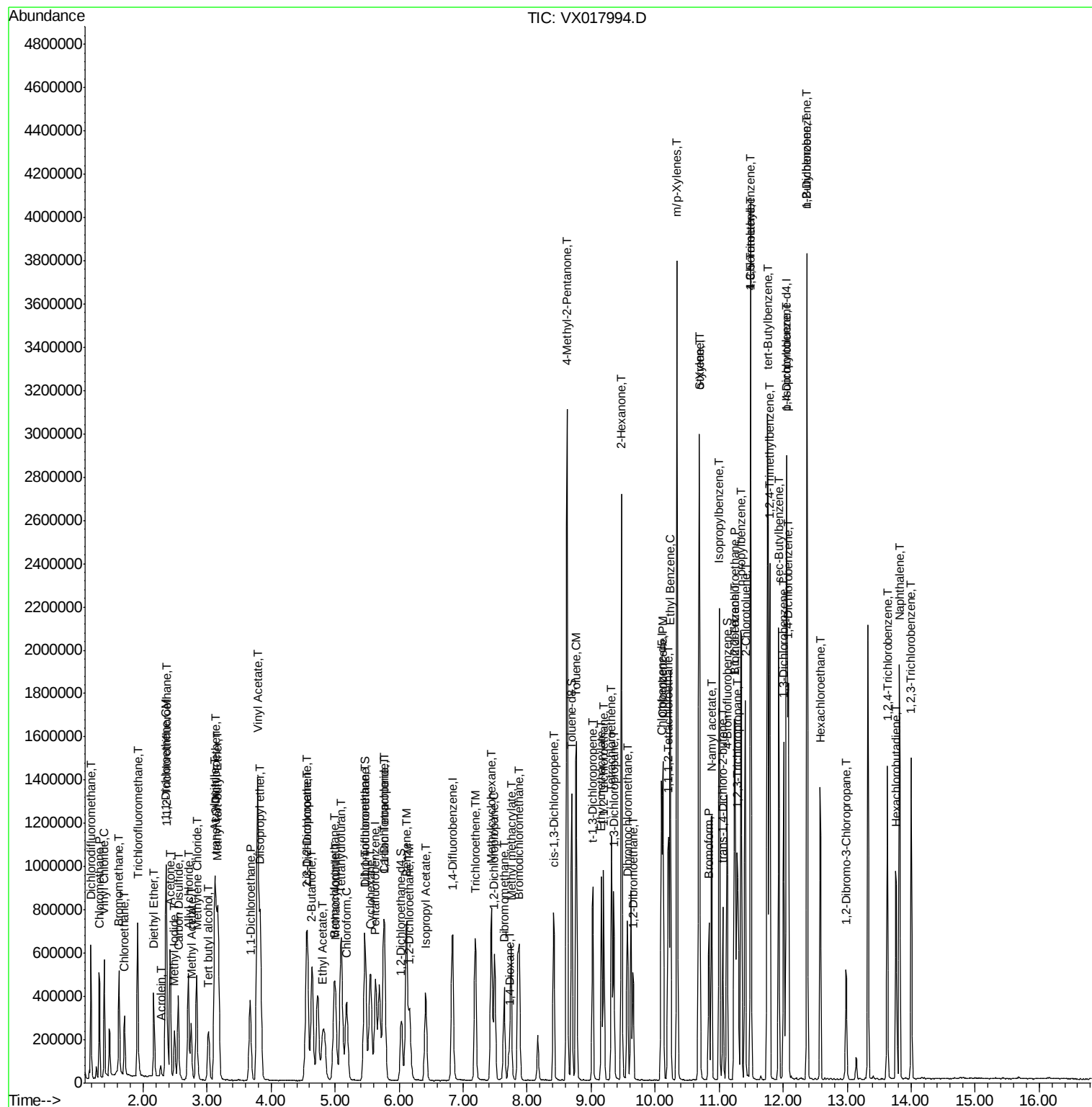
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017994.D
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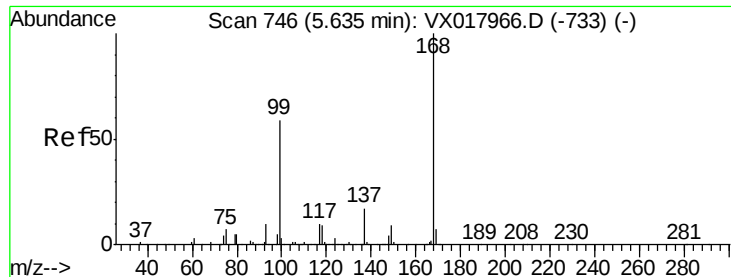
Instrument :
 MSVOA_X
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#1

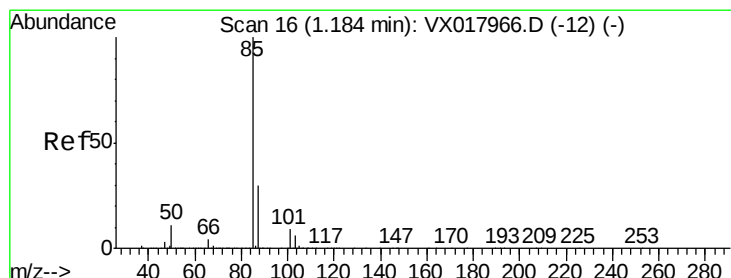
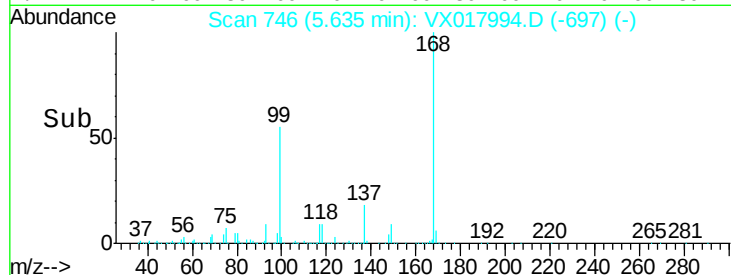
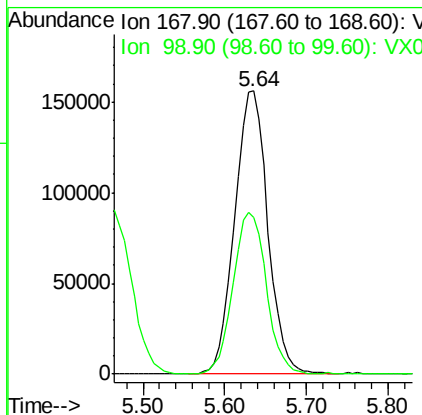
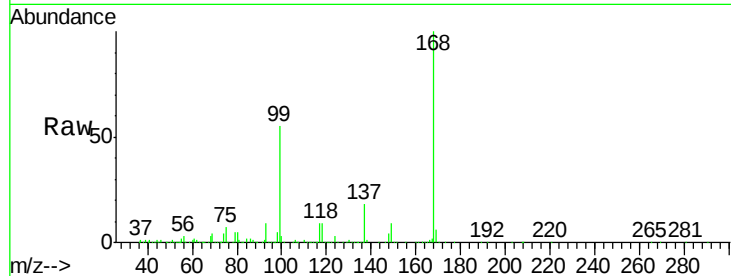
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
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 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.0	47.4	71.2

Manual Integrations
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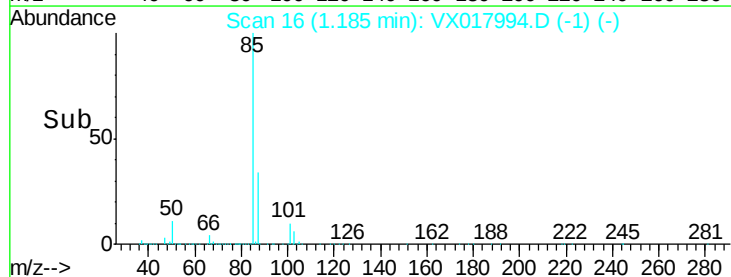
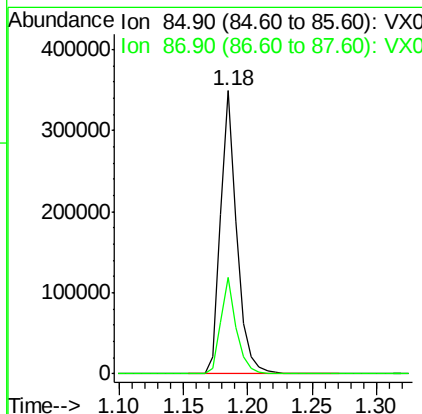
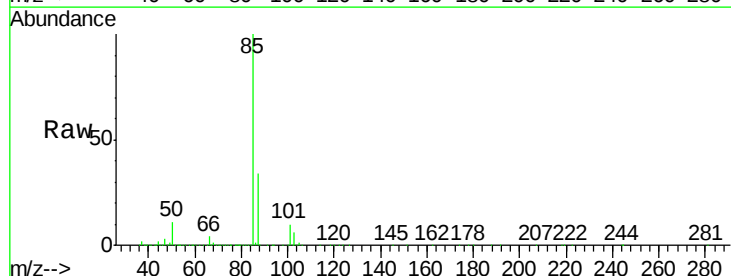
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 8/20/2020 9:17:08 AM

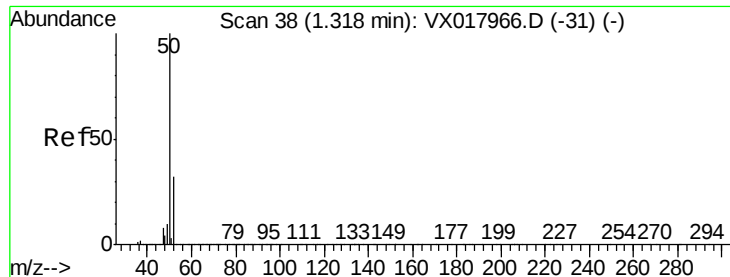


#2

Dichlorodifluoromethane
 Concen: 47.282 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.1	15.3	45.8





#3

Chloromethane

Concen: 51.784 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 50 Resp: 311124

Ion Ratio Lower Upper

50 100

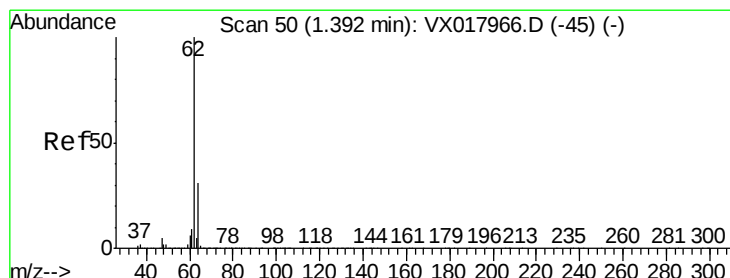
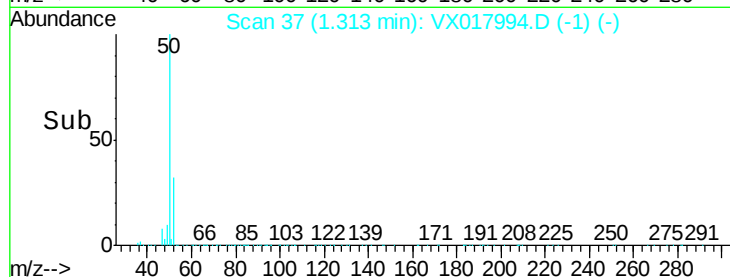
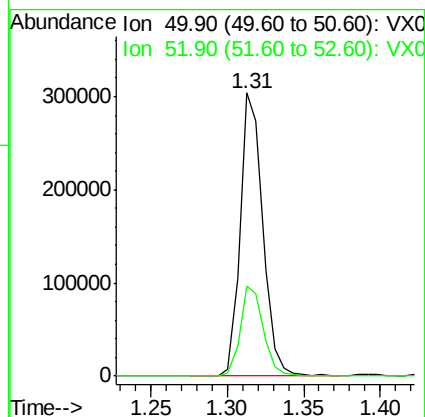
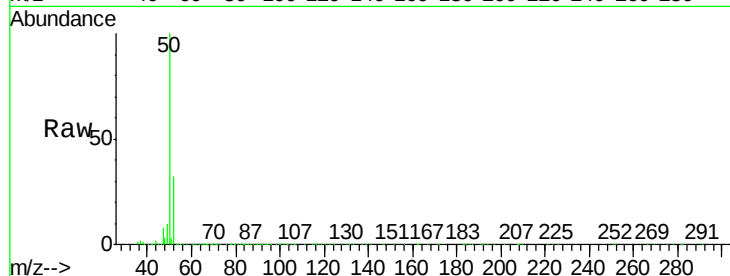
52 31.9 25.4 38.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.024 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017994.D

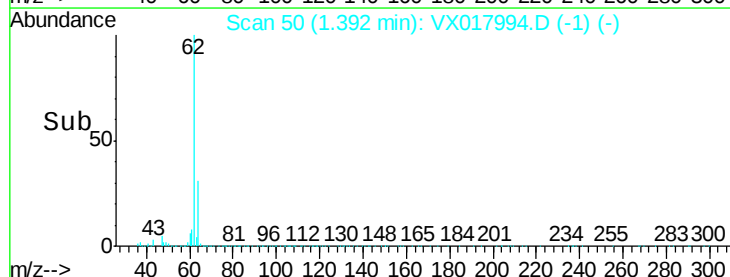
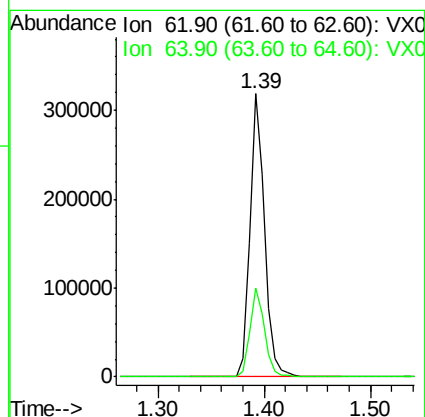
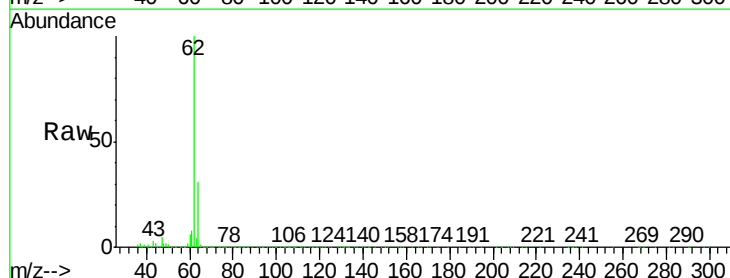
Acq: 19 Aug 2020 18:45

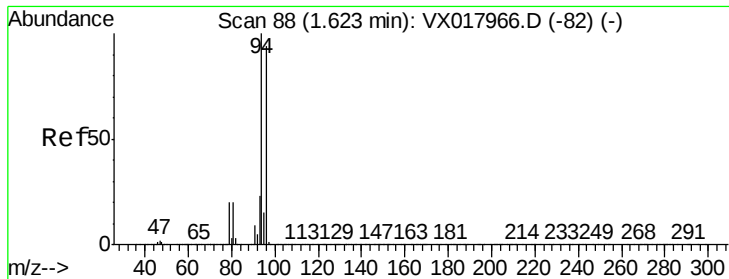
Tgt Ion: 62 Resp: 304668

Ion Ratio Lower Upper

62 100

64 31.4 24.7 37.1





#5

Bromomethane

Concen: 55.524 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

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Tot Ion: 94 Resp: 186682

Ion Ratio Lower Upper

94 100

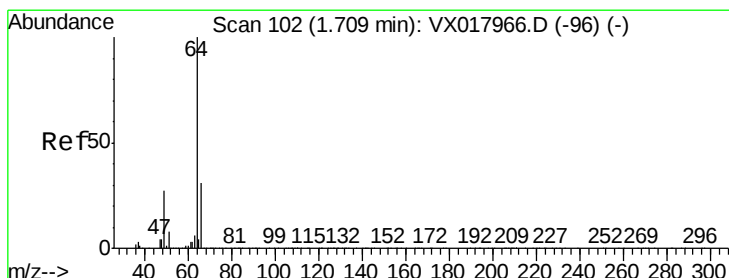
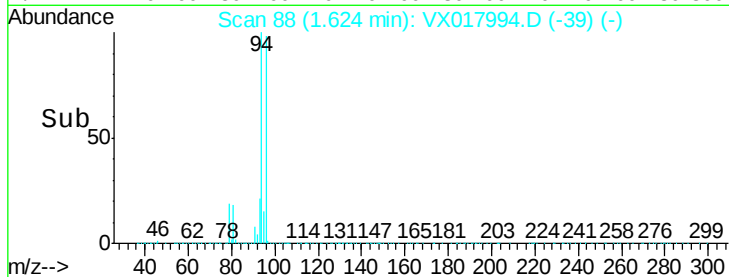
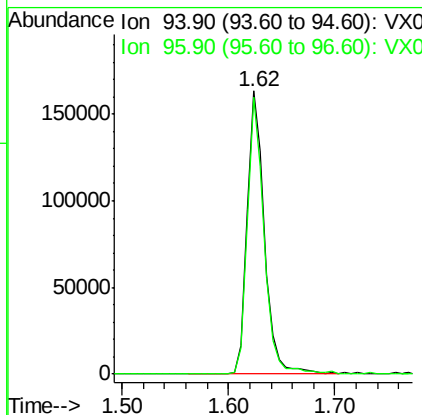
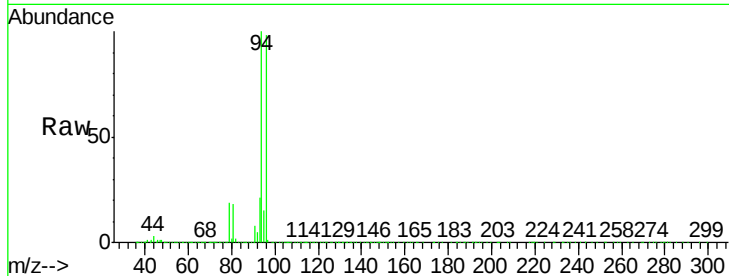
96 97.6 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 52.195 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017994.D

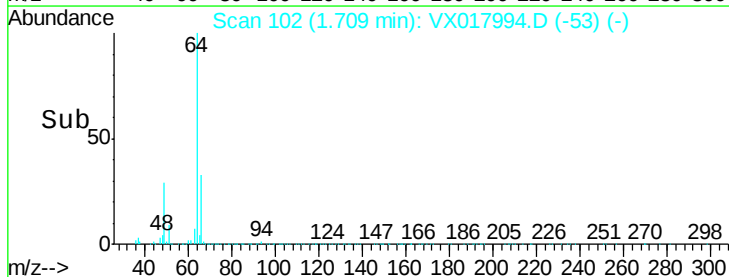
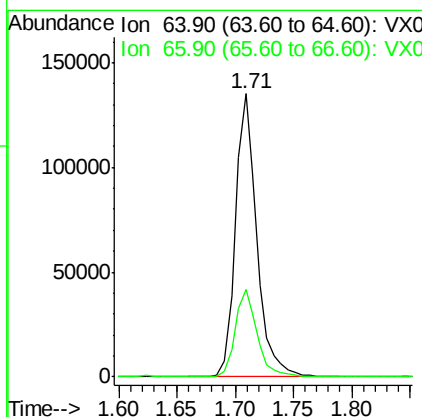
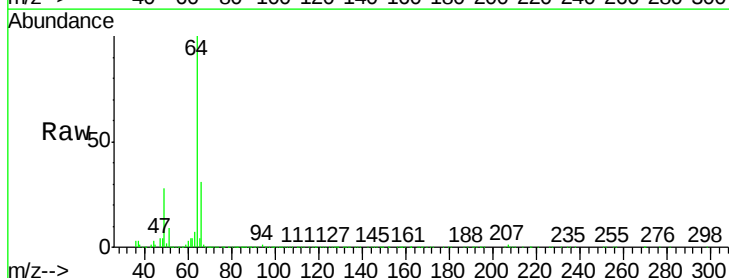
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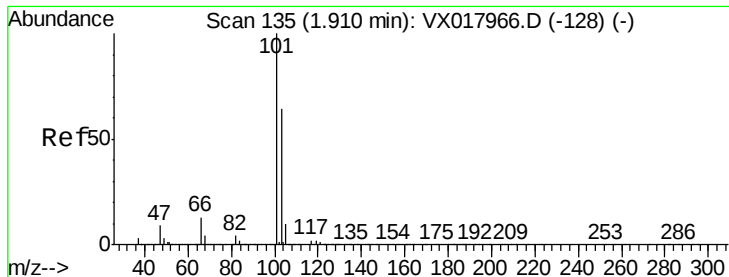
Tgt Ion: 64 Resp: 171974

Ion Ratio Lower Upper

64 100

66 31.0 25.0 37.4





#7

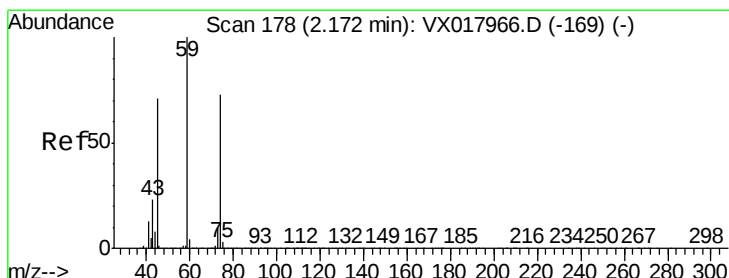
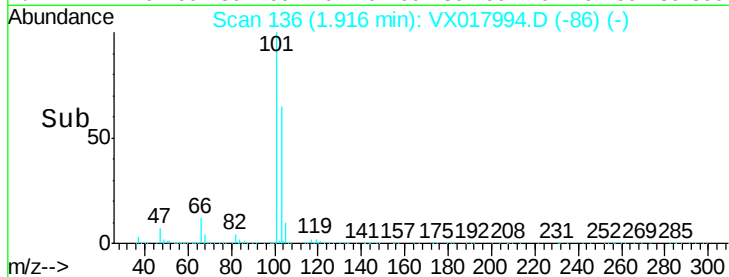
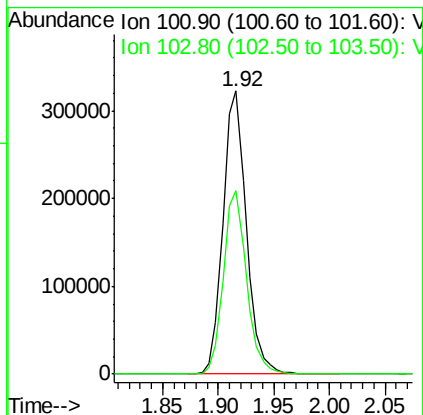
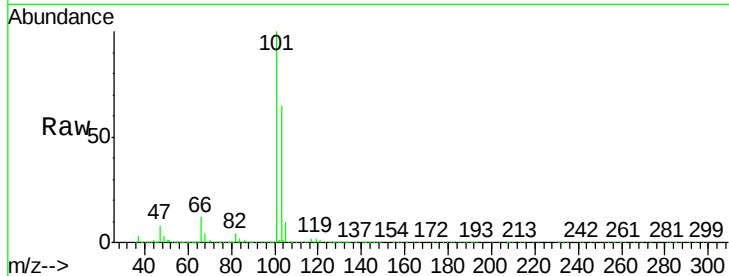
Trichlorofluoromethane
Concen: 50.891 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	468191		
103	65.0	51.2	76.8	

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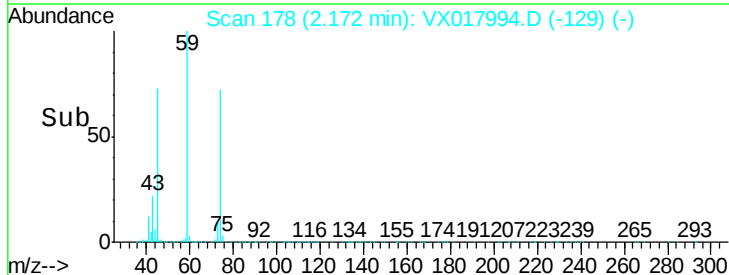
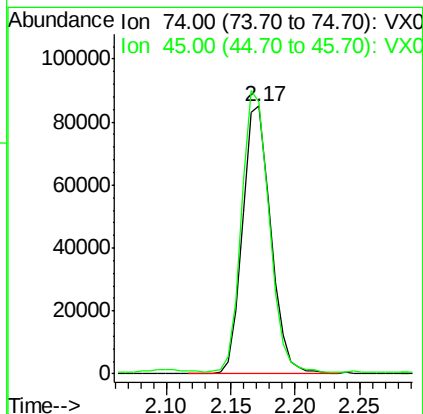
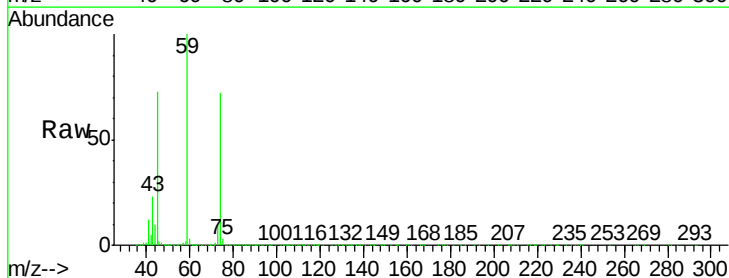
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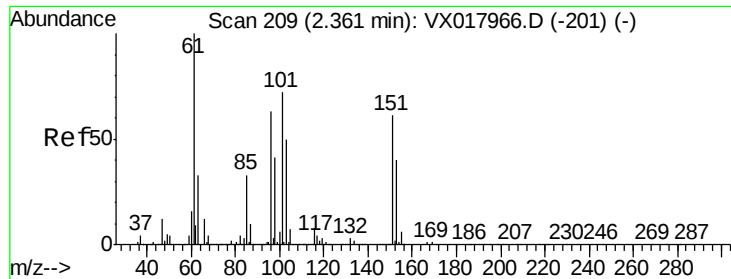


#8

Diethyl Ether
Concen: 47.948 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	128559		
45	101.9	50.5	151.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.058 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

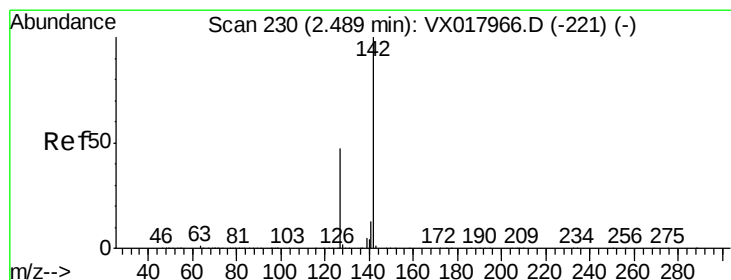
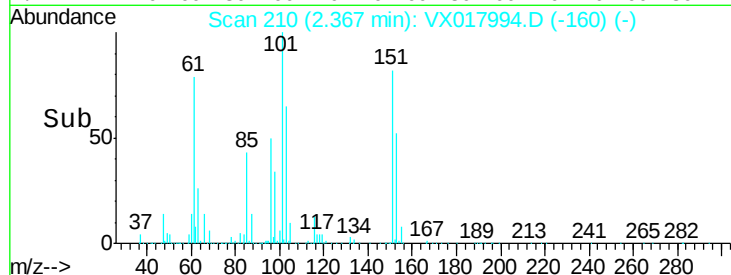
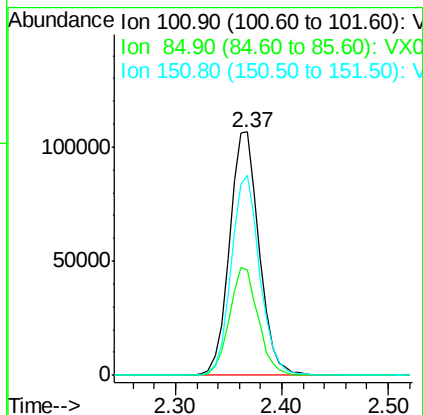
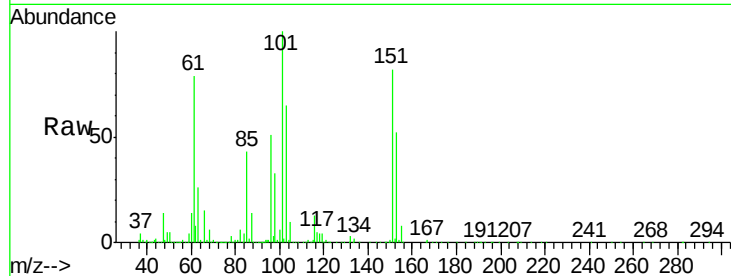
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:	101	Resp:	207942
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.4	53.2
151	79.3	65.4	98.0

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#10

Methyl Iodide

Concen: 41.213 ug/l

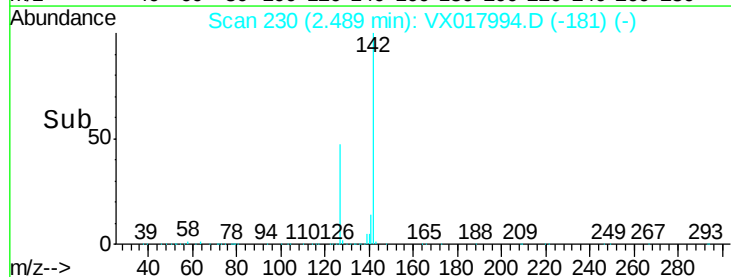
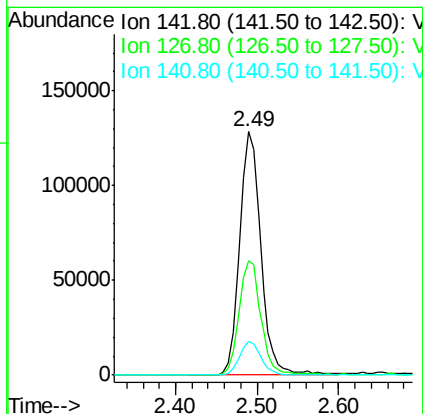
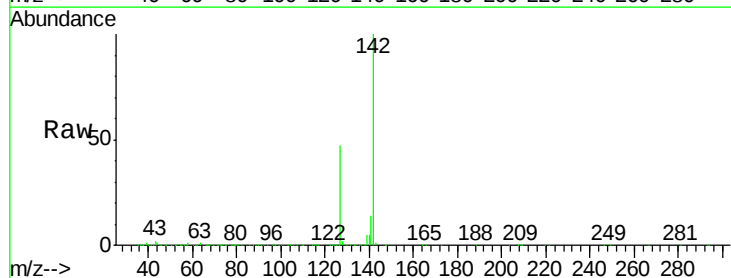
RT: 2.49 min Scan# 230

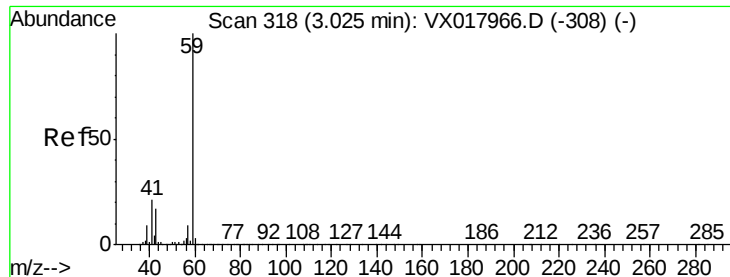
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion:	142	Resp:	229954
Ion Ratio	Lower	Upper	
142	100		
127	48.4	38.0	57.0
141	14.1	11.2	16.8





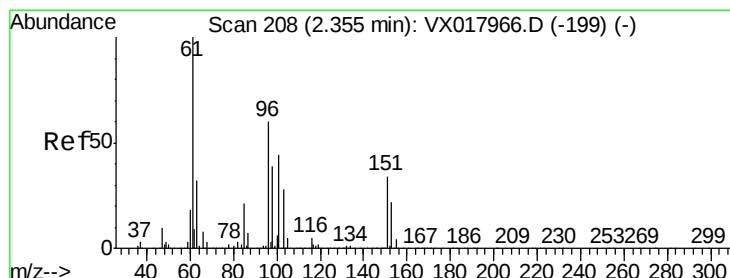
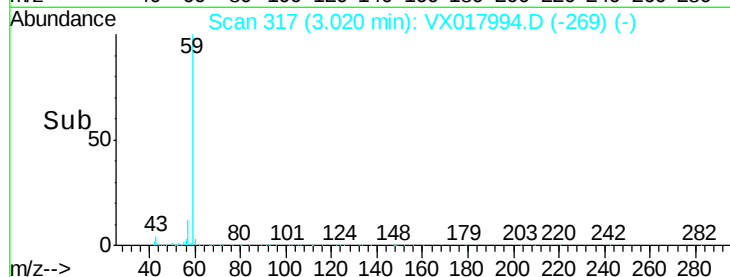
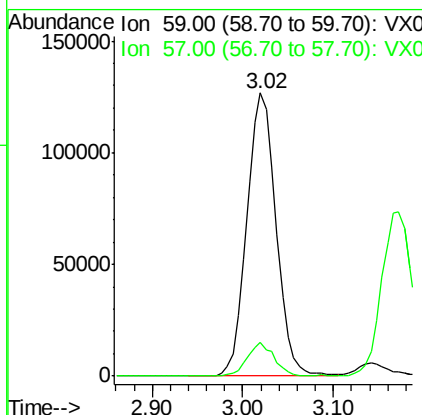
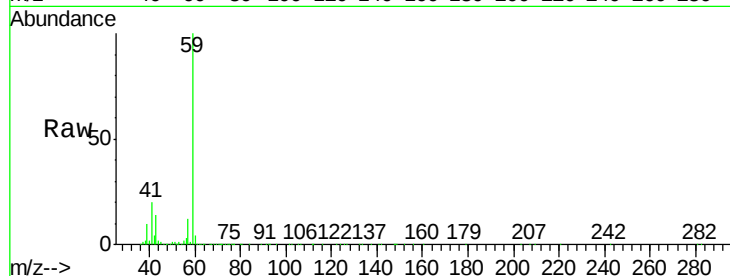
#11
Tert butyl alcohol
Concen: 227.796 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	283250		
57	11.1		8.6	13.0

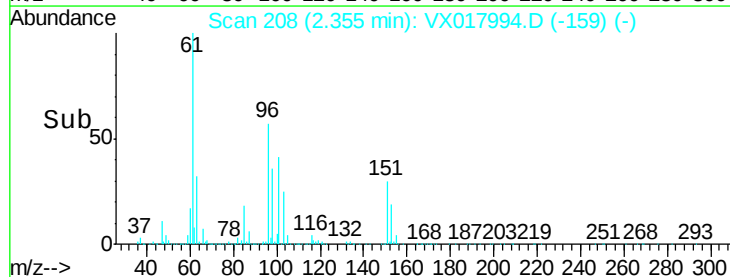
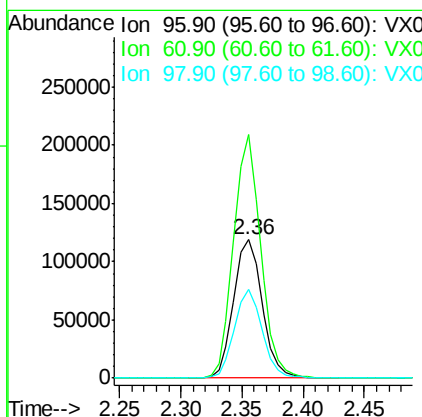
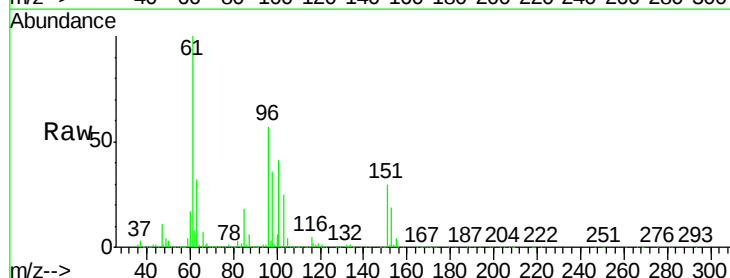
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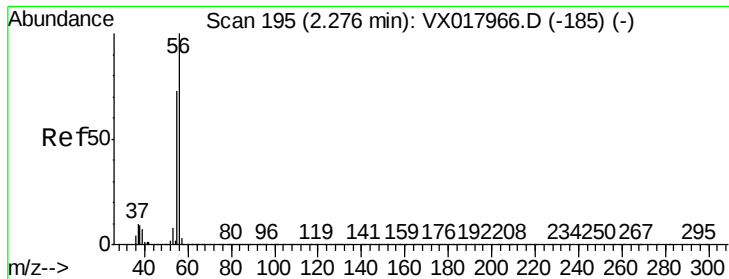
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.330 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	191381		
61	176.3		132.9	199.3
98	63.8		51.6	77.4





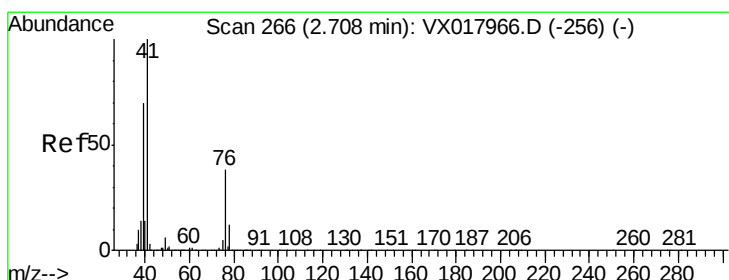
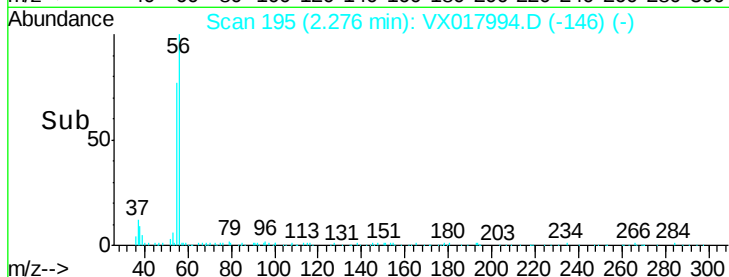
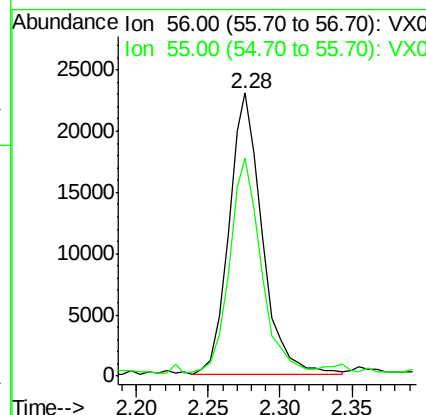
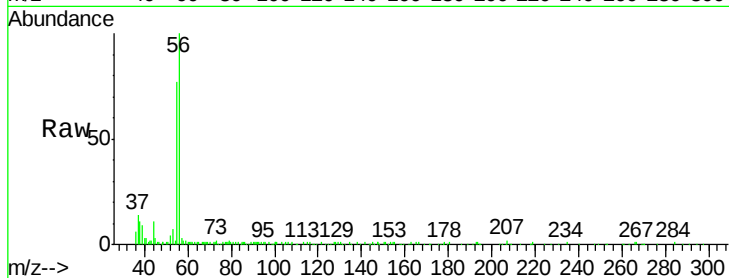
#13
Acrolein
Concen: 55.951 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	58.2	87.4

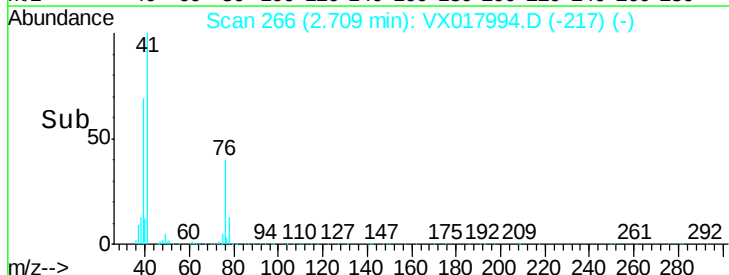
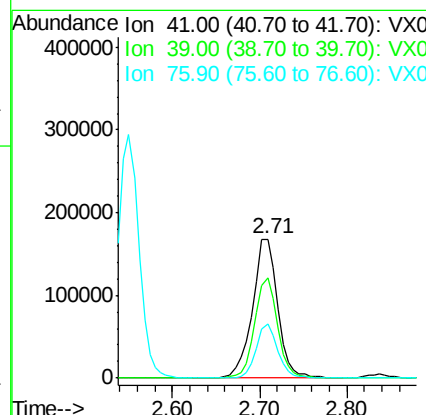
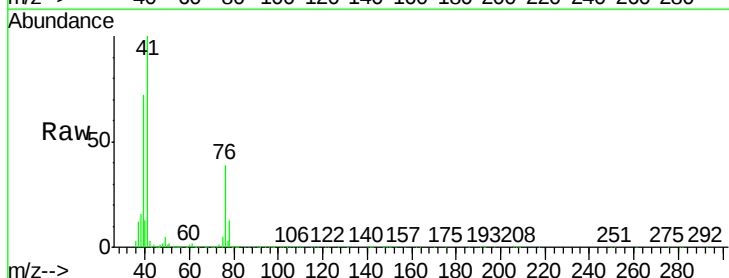
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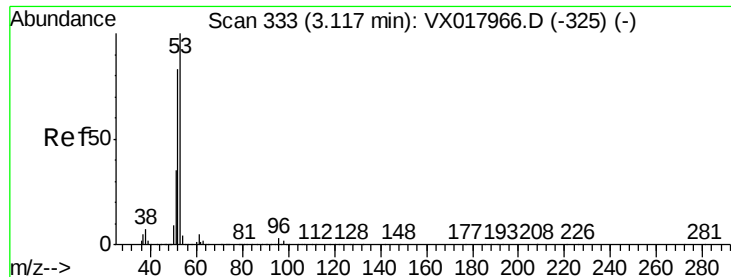
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#14
Allyl chloride
Concen: 47.364 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.9	51.7	77.5
76	33.4	26.3	39.5





#15

Acrylonitrile

Concen: 257.414 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

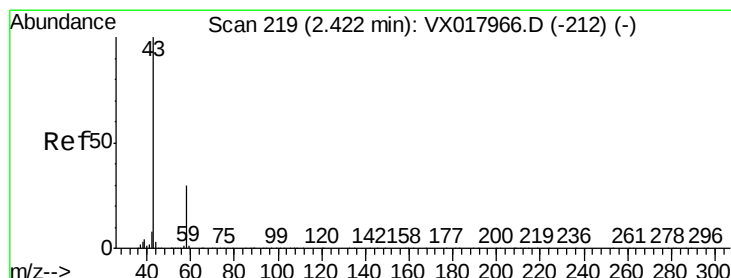
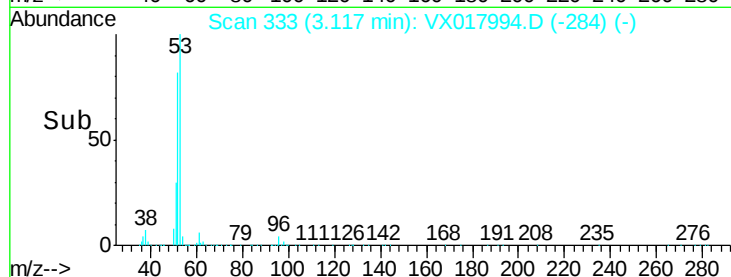
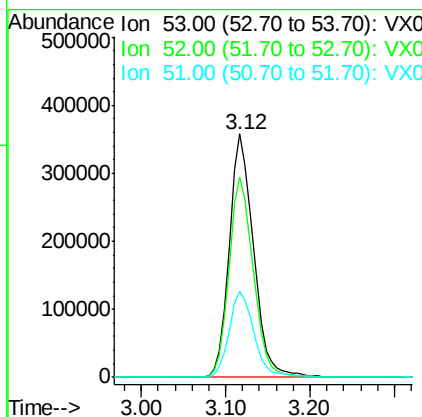
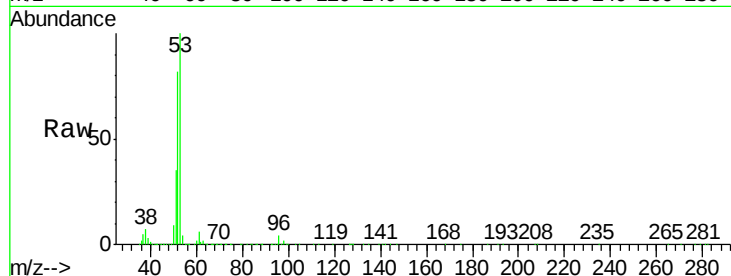
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:	53	Resp:	699012
Ion Ratio	Lower	Upper	
53	100		
52	82.8	67.1	100.7
51	36.2	29.2	43.8

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#16

Acetone

Concen: 247.644 ug/l

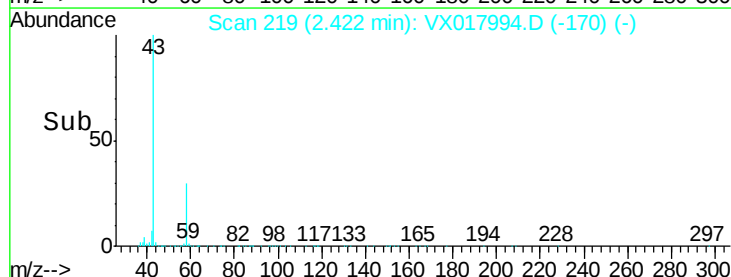
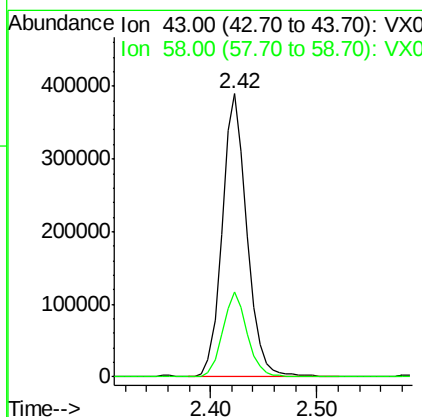
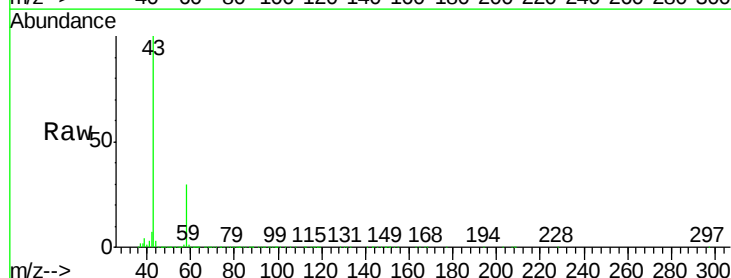
RT: 2.42 min Scan# 219

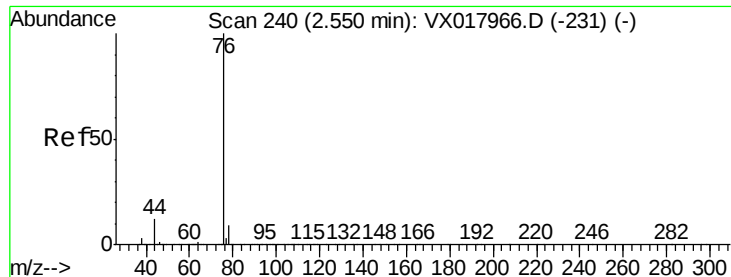
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion:	43	Resp:	627442
Ion Ratio	Lower	Upper	
43	100		
58	30.0	23.8	35.8





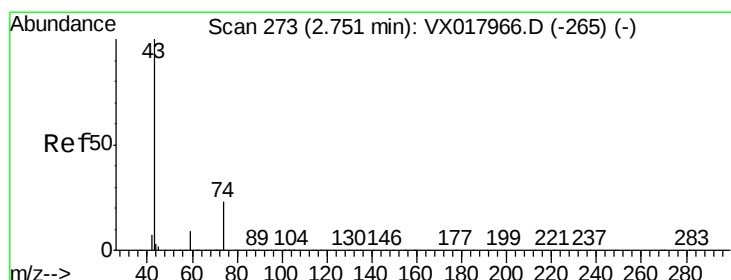
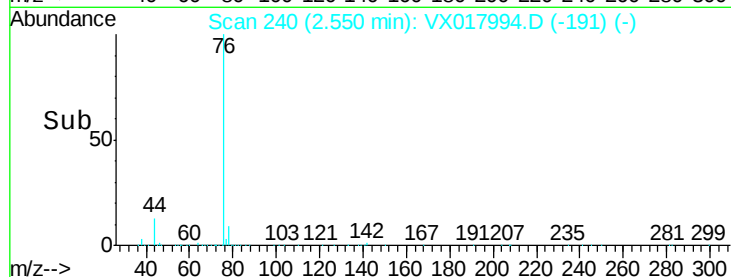
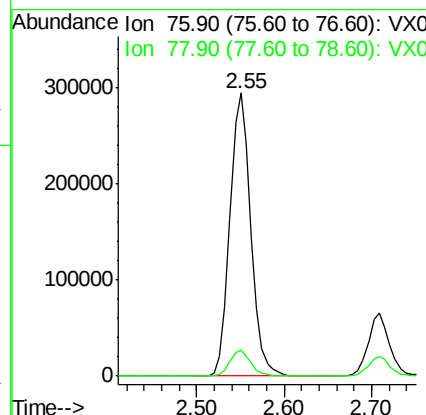
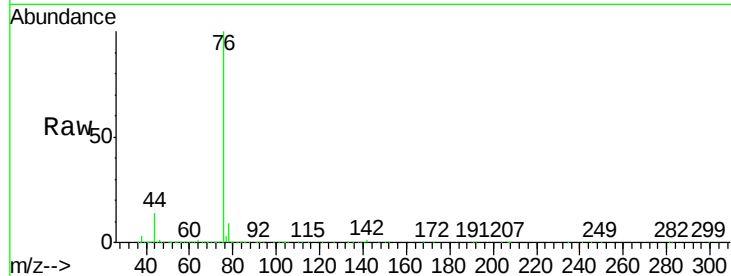
#17
Carbon Disulfide
Concen: 50.774 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

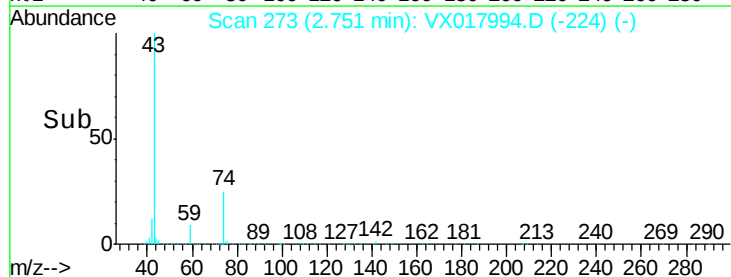
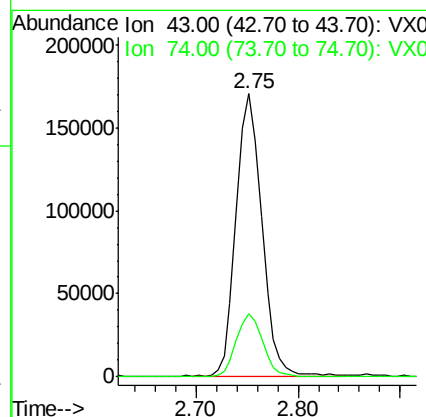
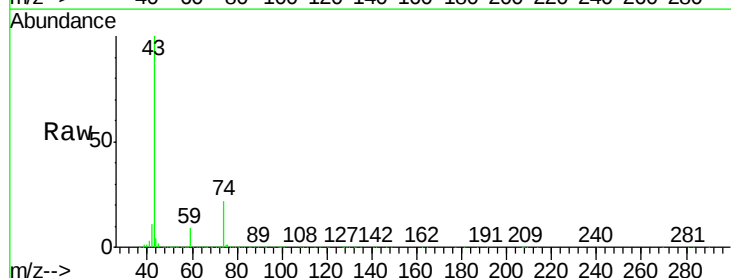
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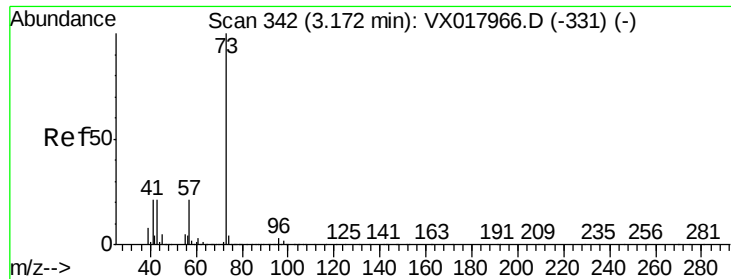
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#18
Methyl Acetate
Concen: 47.081 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	19.7	29.5





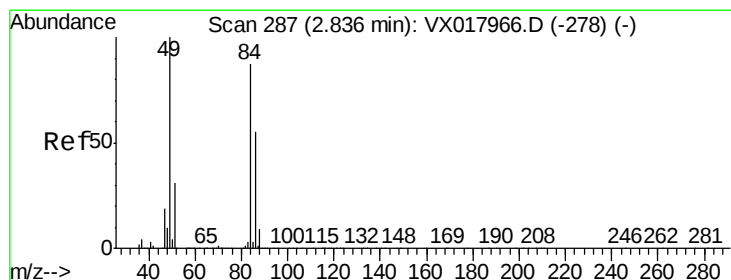
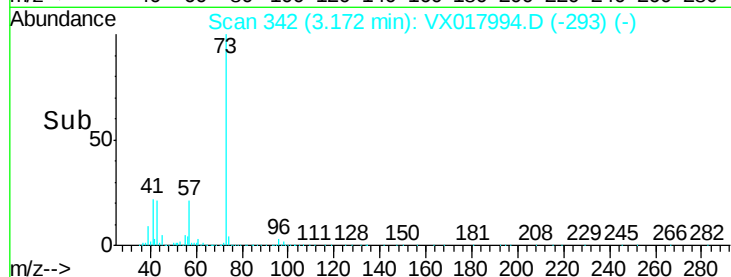
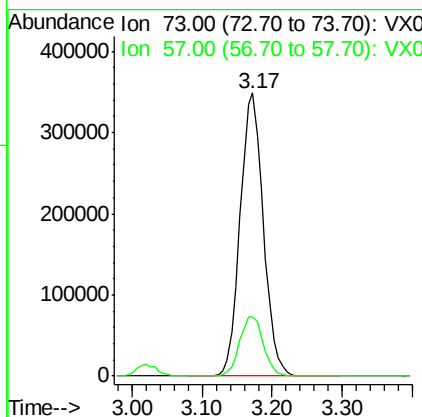
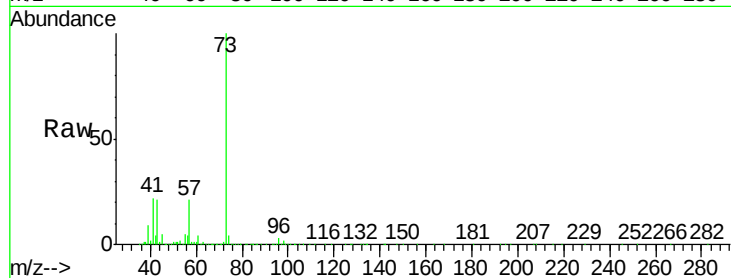
#19
Methyl tert-butyl Ether
Concen: 53.086 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.9	25.3

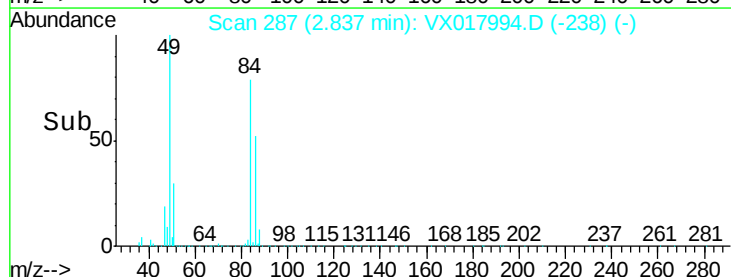
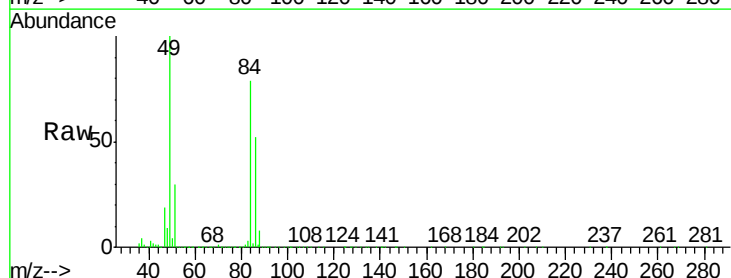
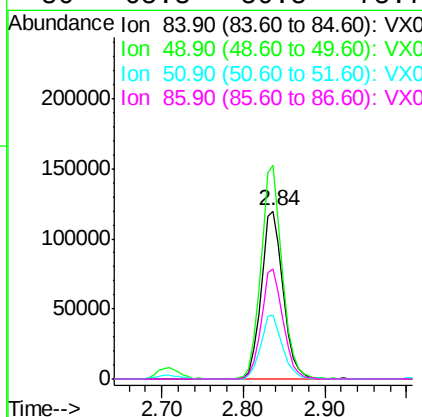
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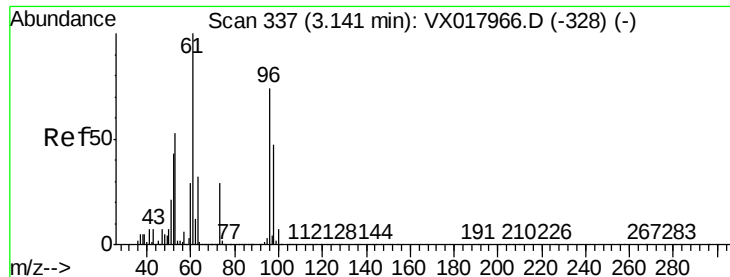
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#20
Methylene Chloride
Concen: 48.422 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.6	91.8	137.6
51	37.5	27.8	41.8
86	65.3	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 50.124 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

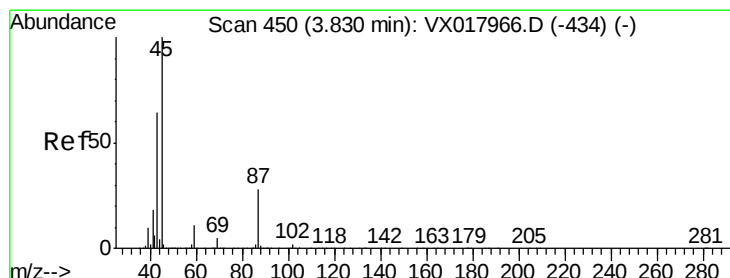
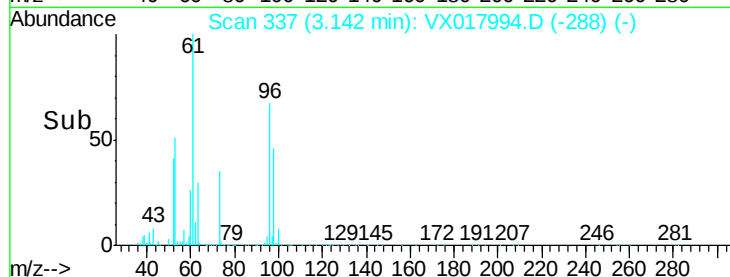
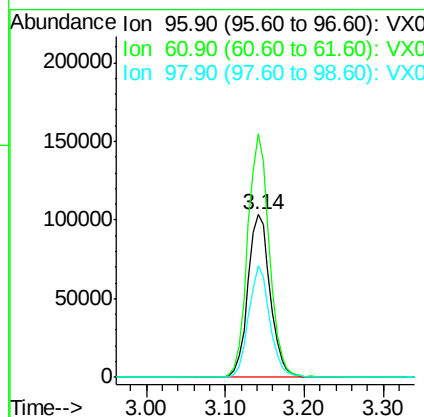
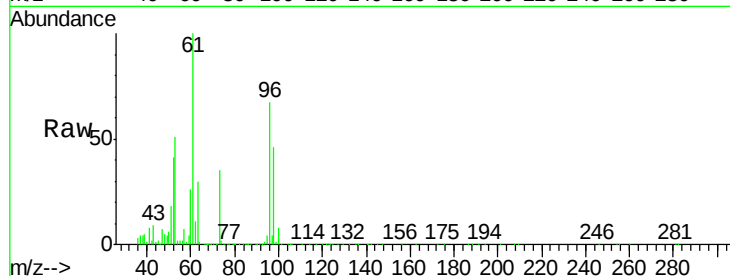
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:	96	Resp:	204050
Ion	Ratio	Lower	Upper
96	100		
61	149.8	108.6	163.0
98	68.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 53.468 ug/l

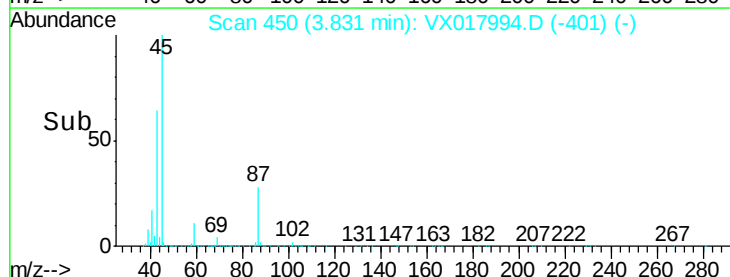
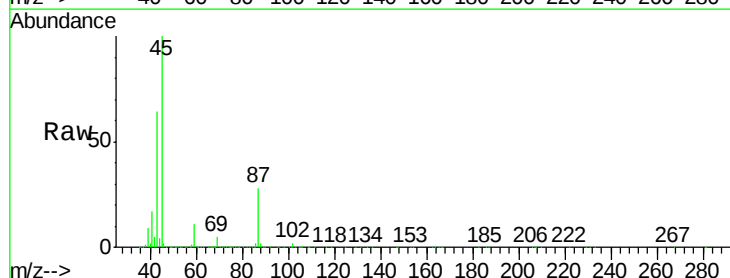
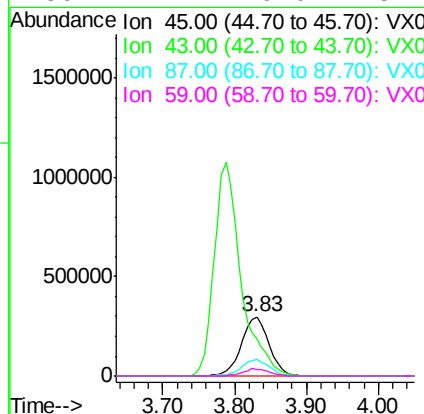
RT: 3.83 min Scan# 450

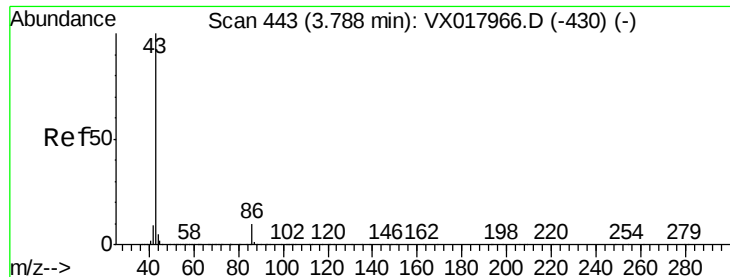
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion:	45	Resp:	791596
Ion	Ratio	Lower	Upper
45	100		
43	63.5	51.5	77.3
87	28.5	22.6	33.8
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 246.107 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 43 Resp: 2784442

Ion Ratio Lower Upper

43 100

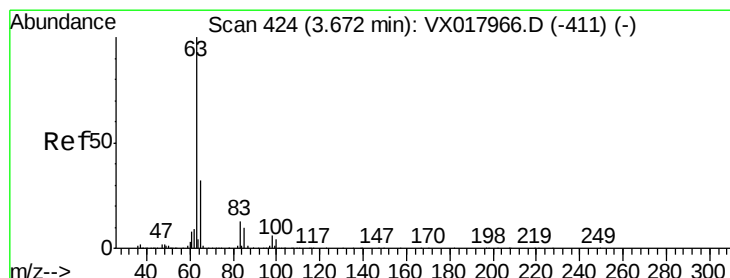
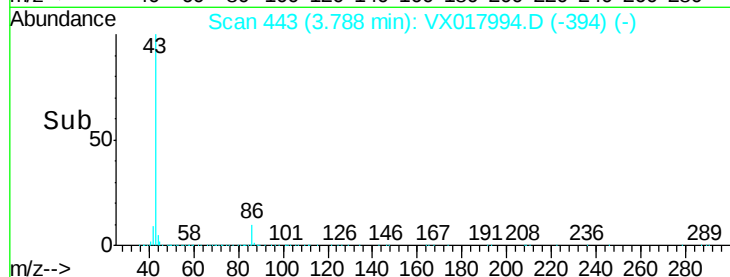
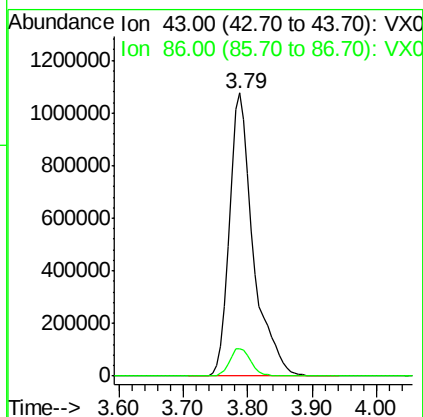
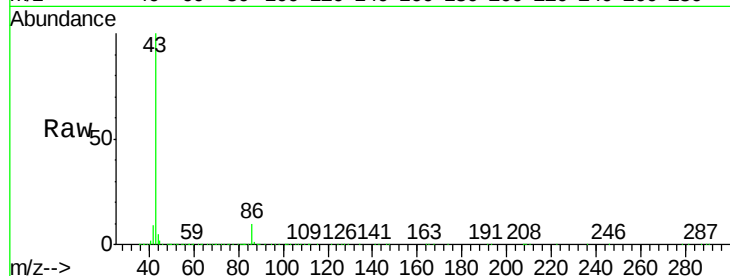
86 9.8 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.741 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

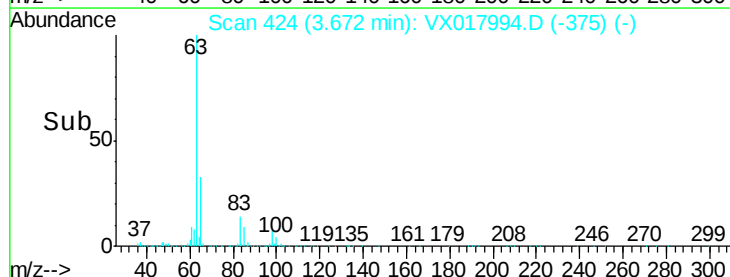
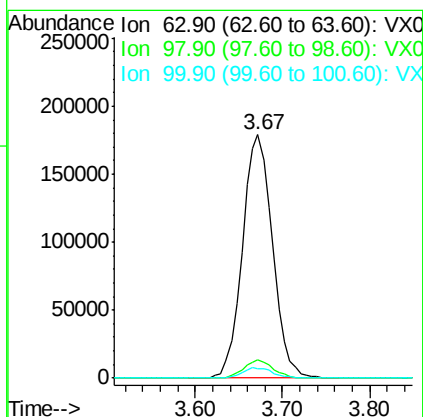
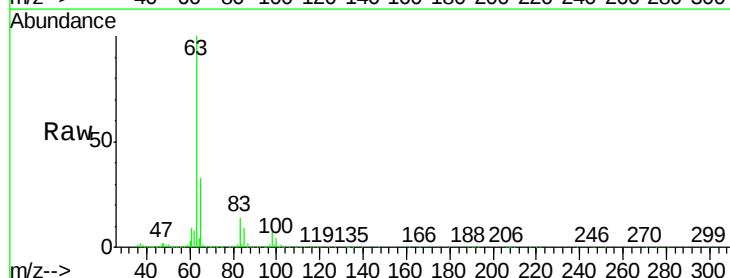
Tgt Ion: 63 Resp: 424650

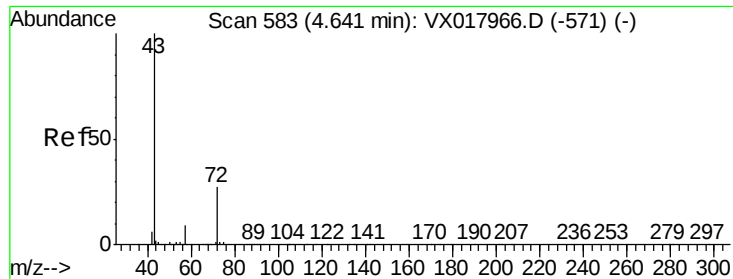
Ion Ratio Lower Upper

63 100

98 7.4 3.0 9.0

100 3.7 2.0 5.8





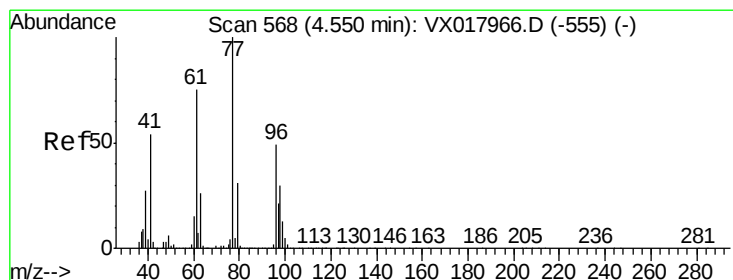
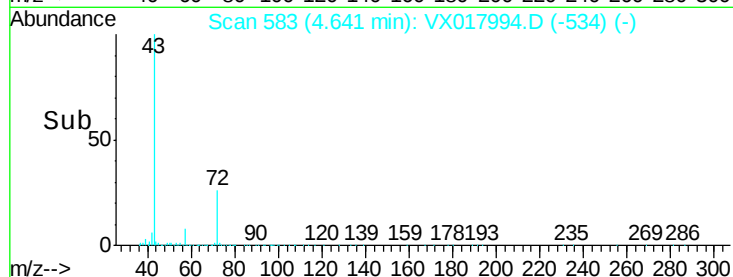
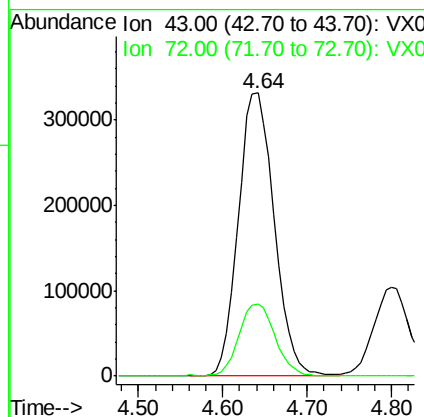
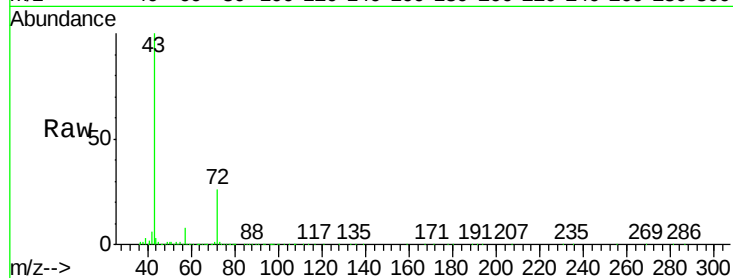
#25
2-Butanone
Concen: 248.226 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion: 43 Resp: 952133
Ion Ratio Lower Upper
43 100
72 25.5 21.4 32.2

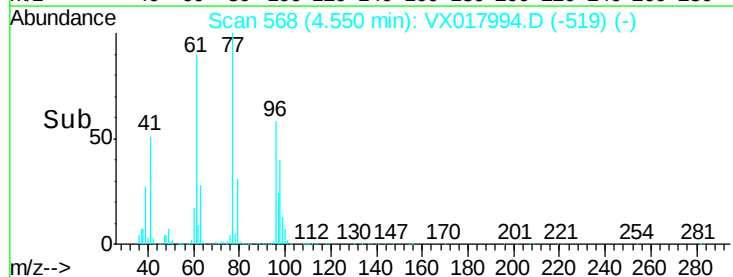
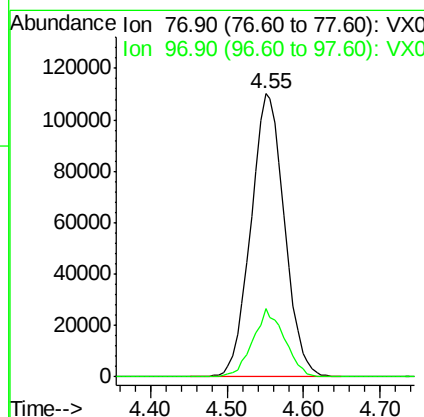
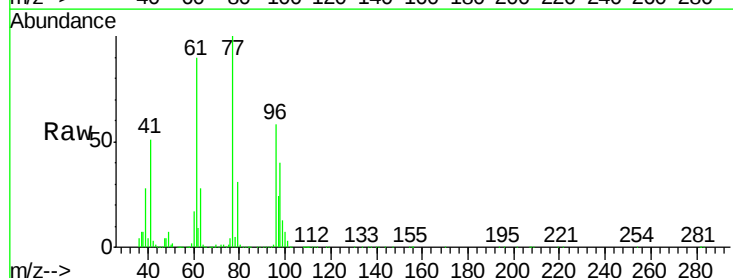
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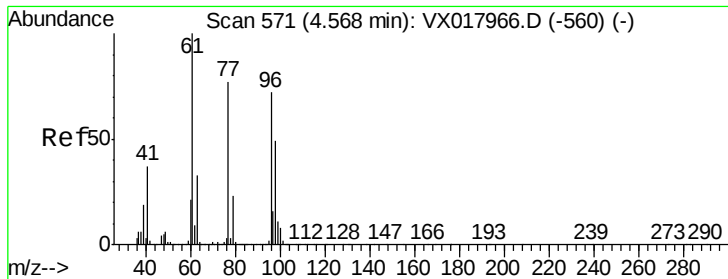
MMDadoda
8/20/2020 9:17:08 AM



#26
2,2-Dichloropropane
Concen: 44.969 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 77 Resp: 336086
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





#27

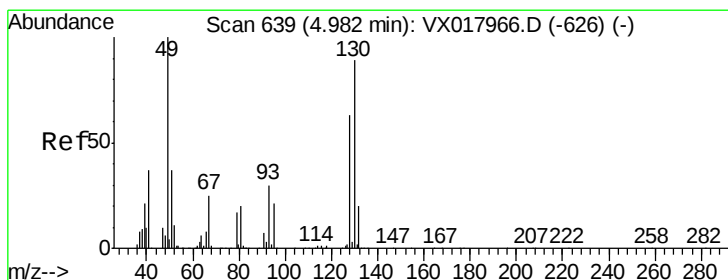
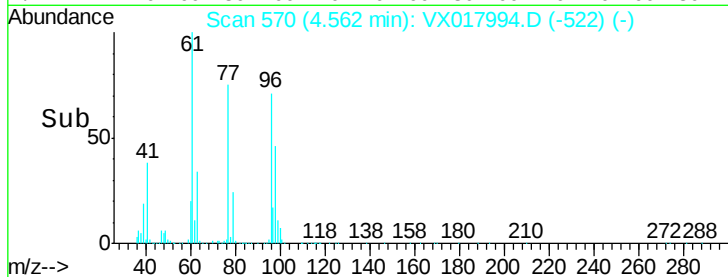
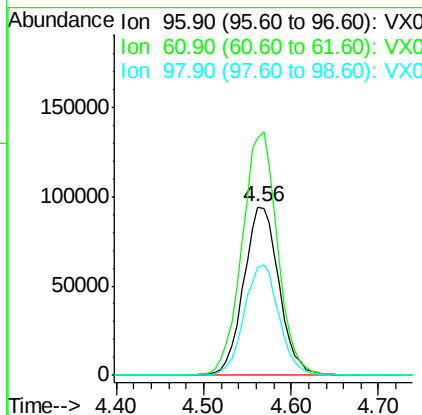
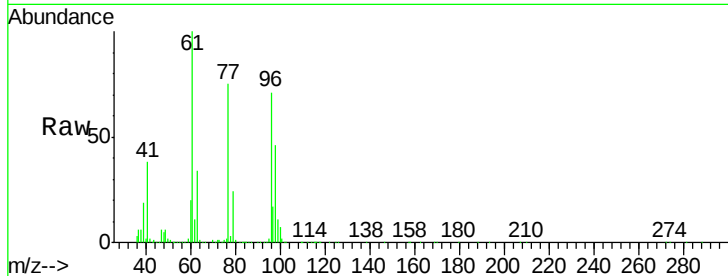
cis-1,2-Dichloroethene
Concen: 54.851 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	263408		
61	145.3	0.0	298.8	
98	65.1	0.0	130.2	

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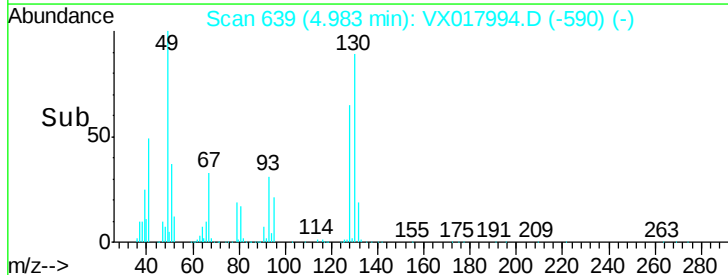
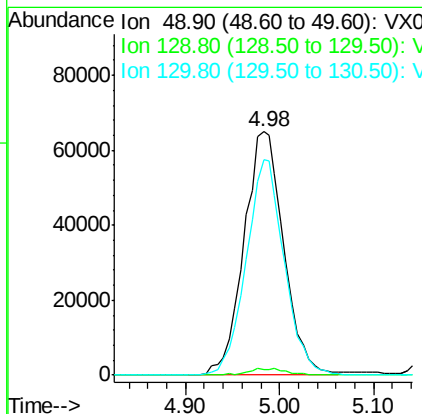
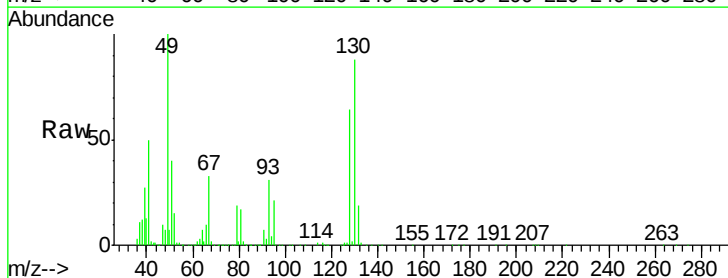
MMDadoda
8/20/2020 9:17:08 AM

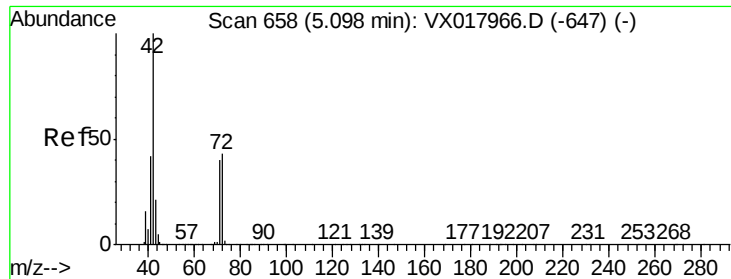


#28

Bromochloromethane
Concen: 45.326 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	192245		
129	2.5	0.0	3.6	
130	85.0	68.5	102.7	





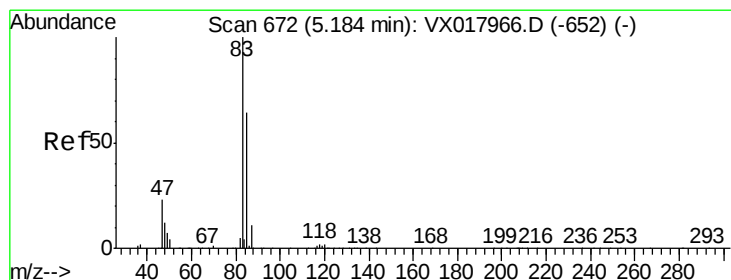
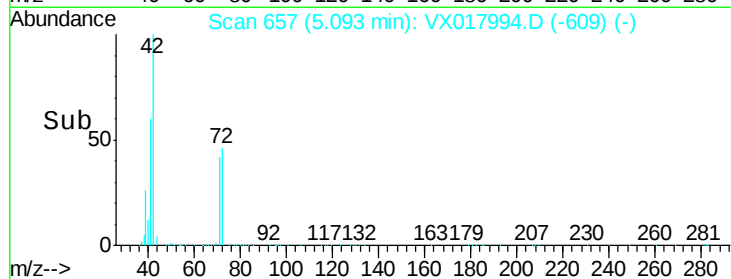
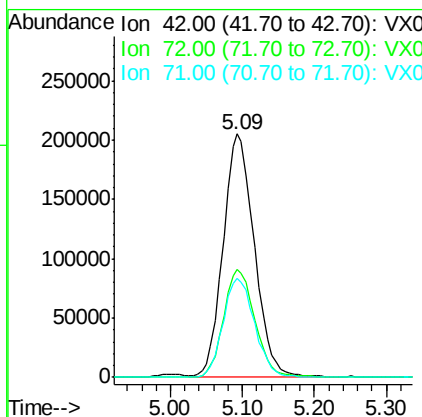
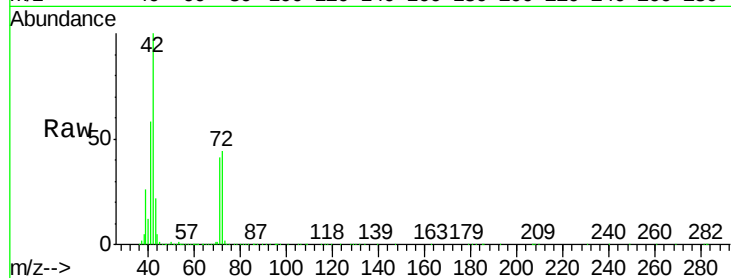
#29
Tetrahydrofuran
Concen: 258.305 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.9	53.9
71	41.3	33.0	49.4

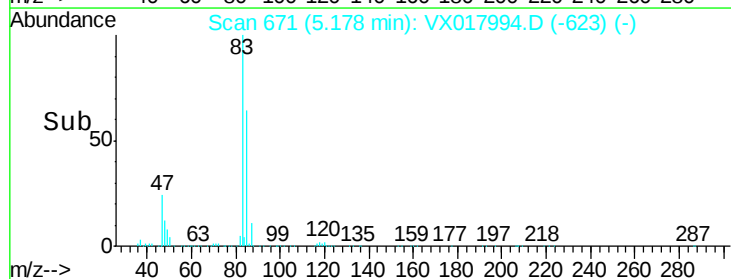
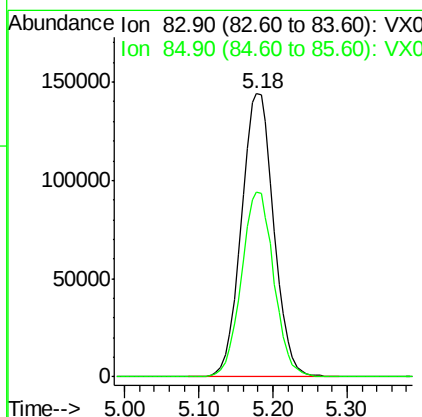
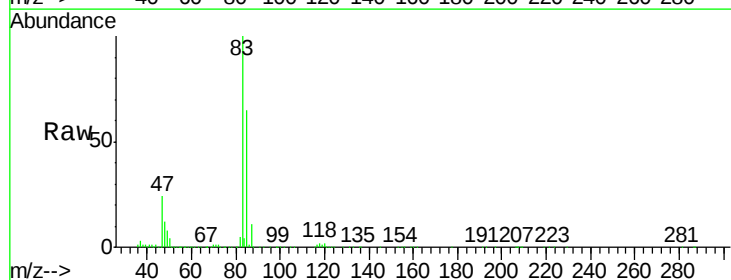
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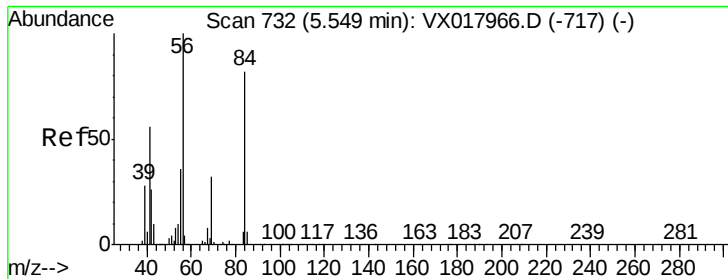
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#30
Chloroform
Concen: 49.035 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.3	76.9





#31

Cyclohexane

Concen: 51.903 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

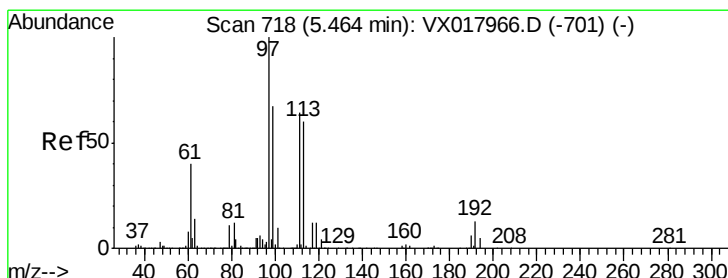
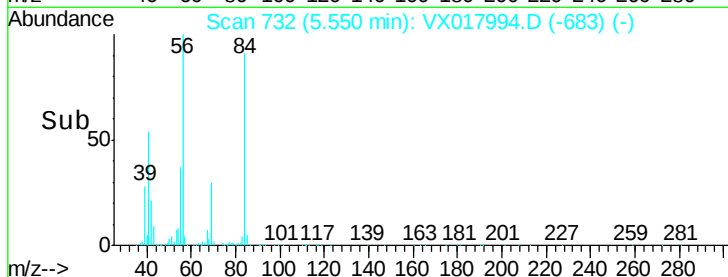
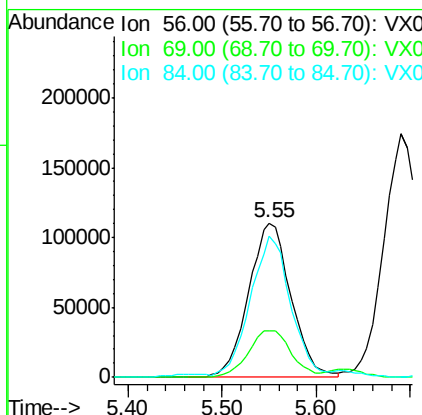
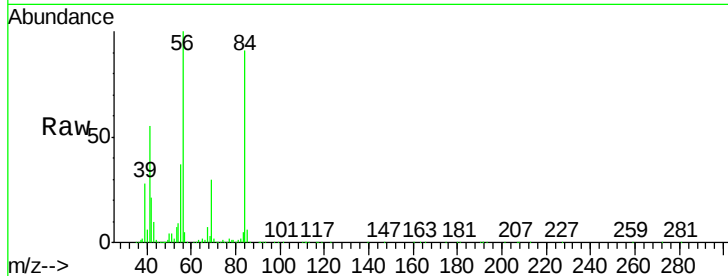
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		345425		
69	29.8	25.3	37.9		
84	89.5	65.3	97.9		

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#32

1,1,1-Trichloroethane

Concen: 49.791 ug/l

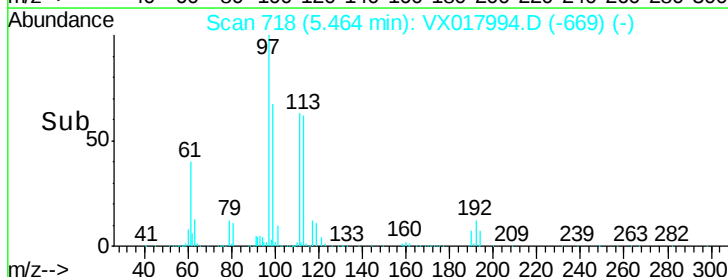
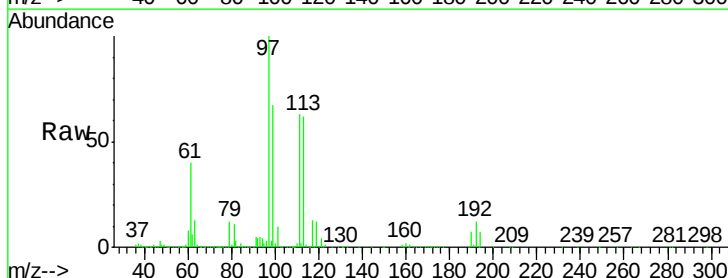
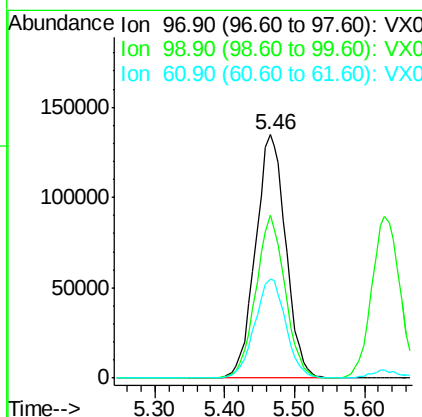
RT: 5.46 min Scan# 718

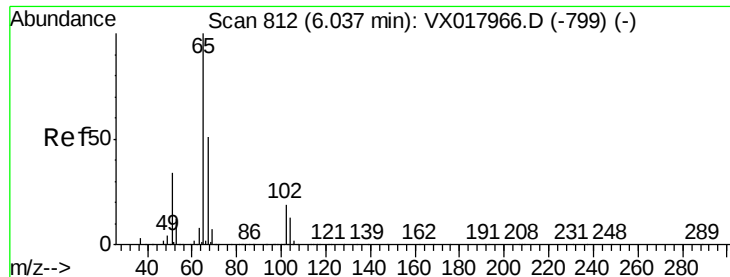
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		405189		
99	64.6	51.4	77.0		
61	41.4	33.7	50.5		





#33

1,2-Dichloroethane-d4

Concen: 44.760 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 65 Resp: 288267

Ion Ratio Lower Upper

65 100

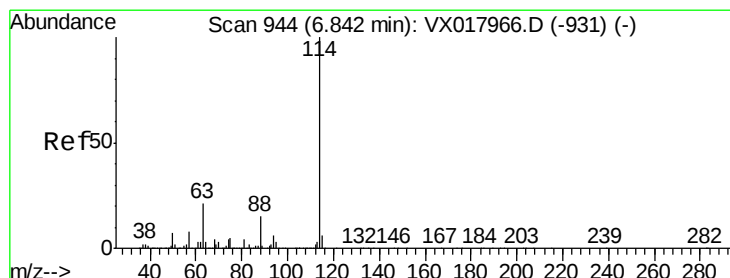
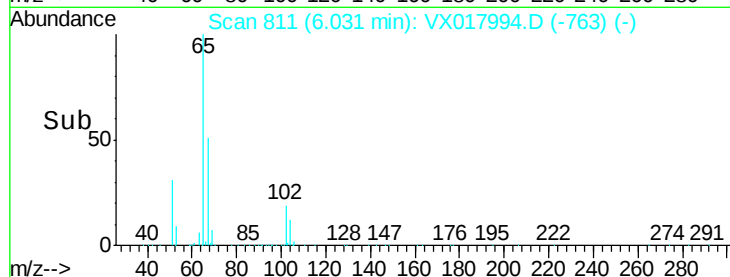
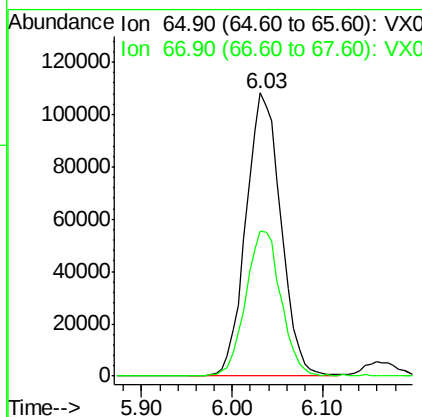
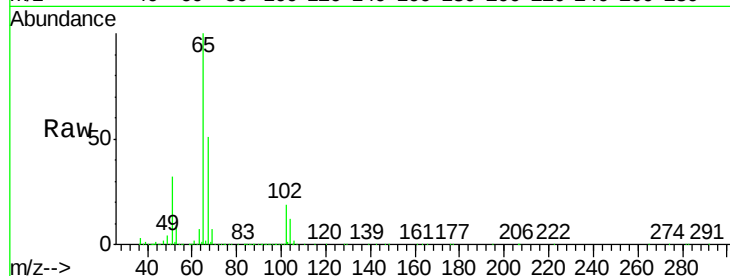
67 51.8 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

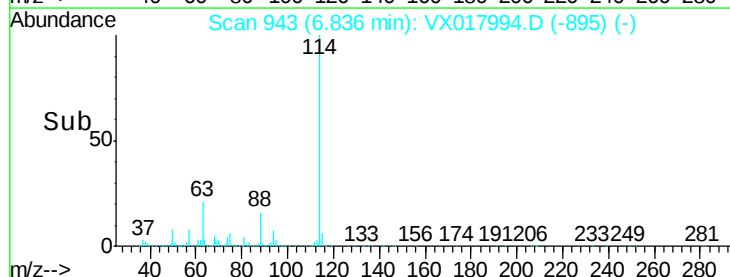
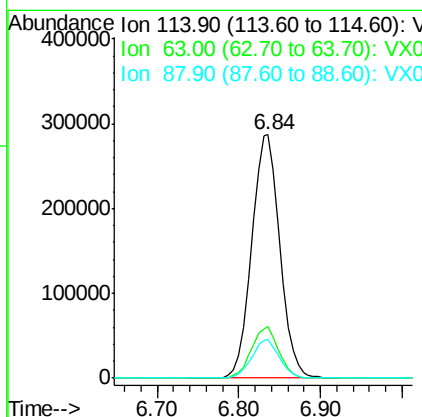
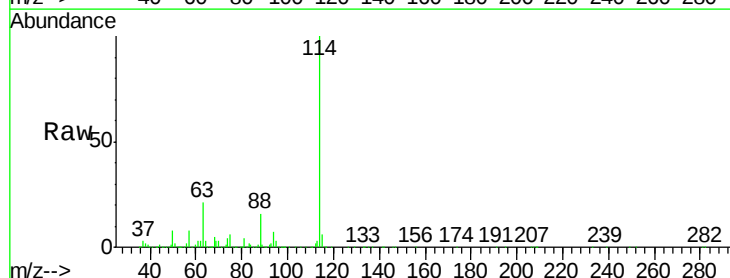
Tgt Ion: 114 Resp: 690719

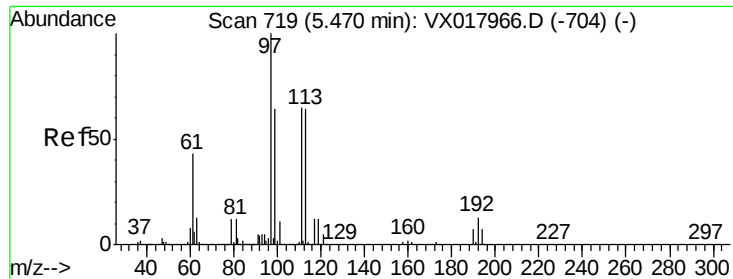
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.0 0.0 30.2





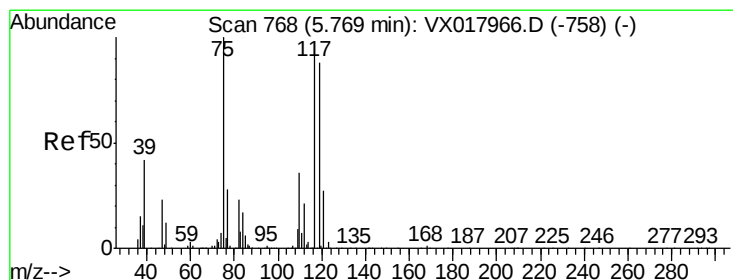
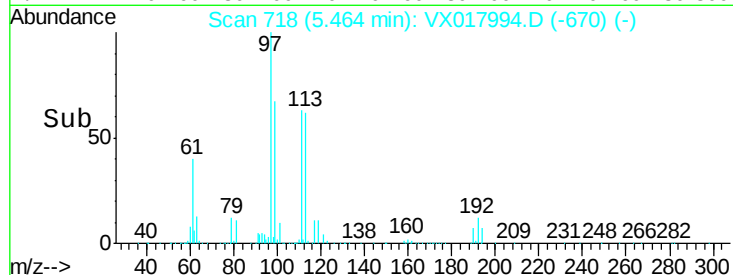
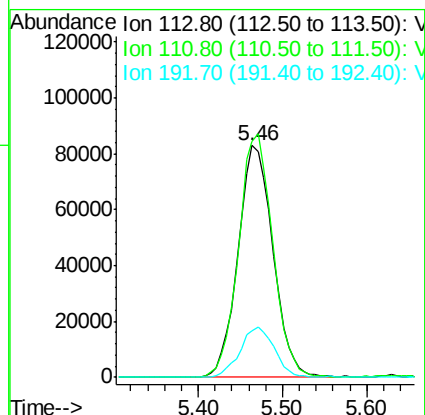
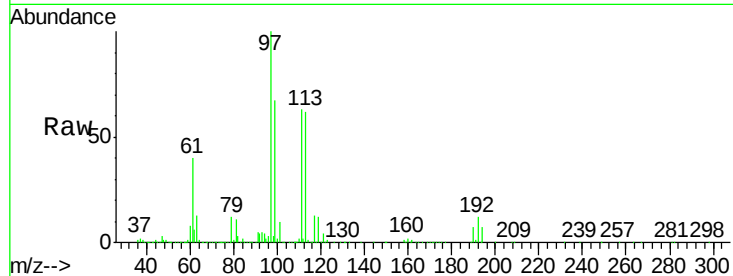
#35
 Dibromofluoromethane
 Concen: 45.009 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	231511		
111	103.3	83.5	125.3	
192	21.4	16.2	24.4	

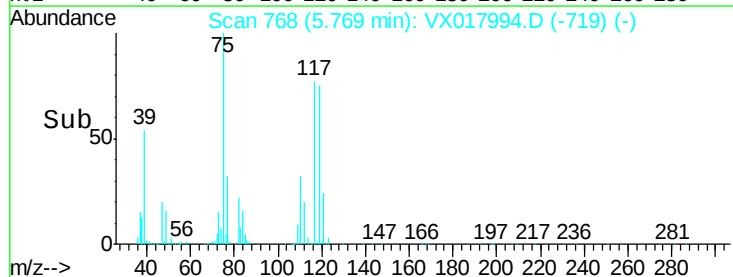
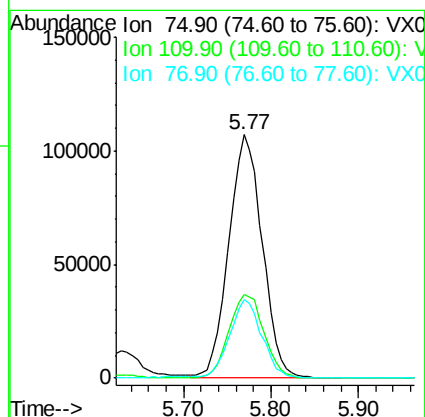
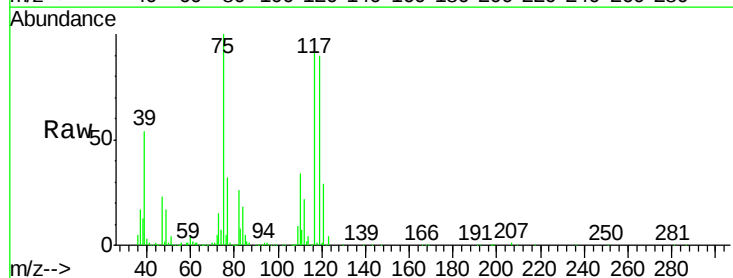
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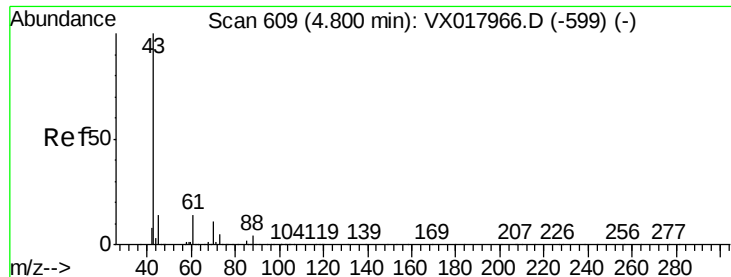
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#36
 1,1-Dichloropropene
 Concen: 49.189 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	284380		
110	36.2	18.7	56.1	
77	31.4	24.4	36.6	





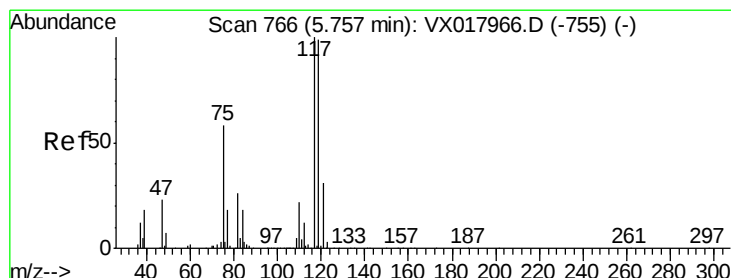
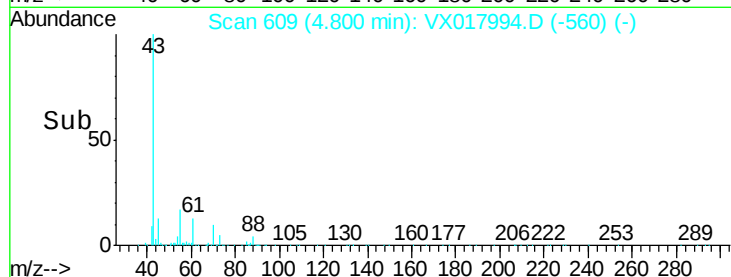
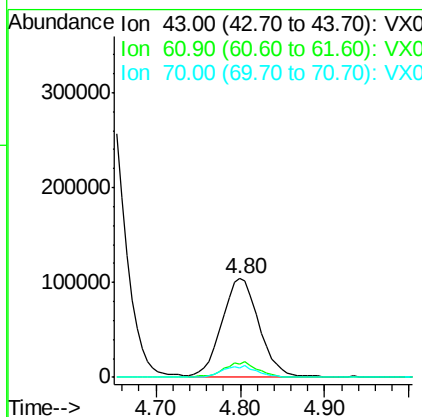
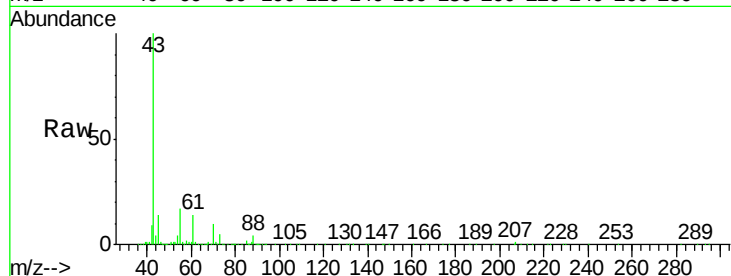
#37
Ethyl Acetate
Concen: 44.624 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	43	Resp	308679
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	11.1	8.5	12.7

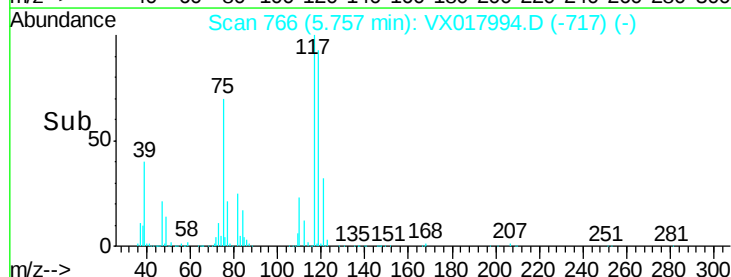
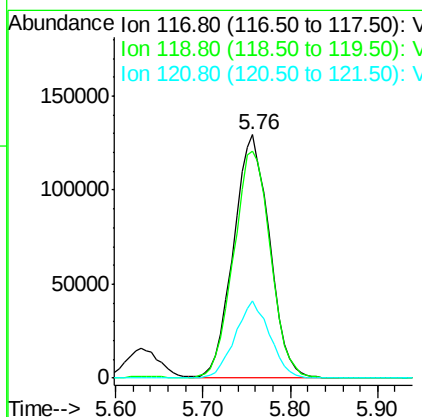
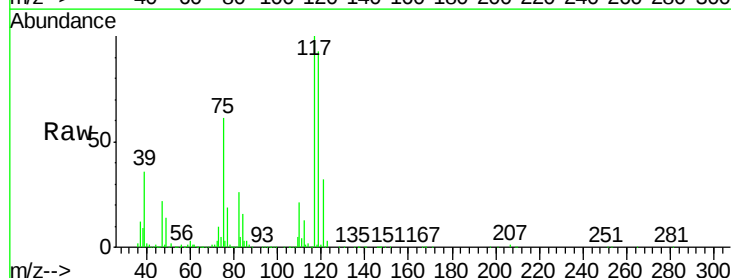
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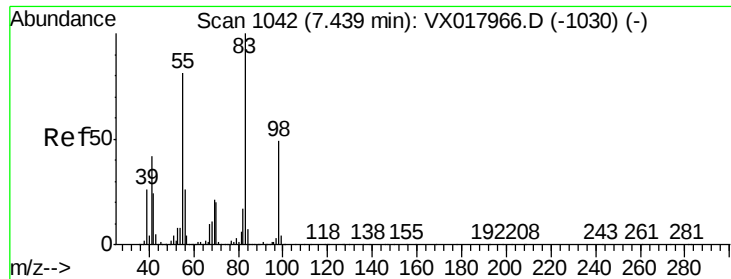
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#38
Carbon Tetrachloride
Concen: 49.467 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	117	Resp	370130
Ion	Ratio	Lower	Upper
117	100		
119	93.3	79.0	118.6
121	31.7	24.7	37.1





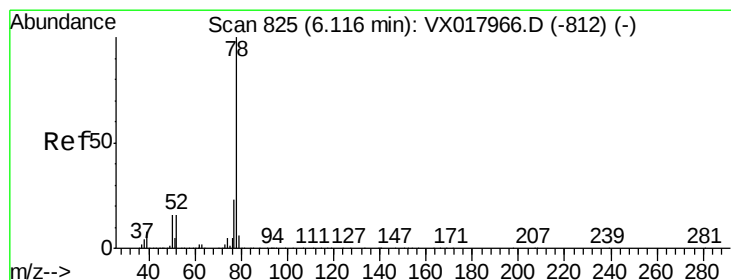
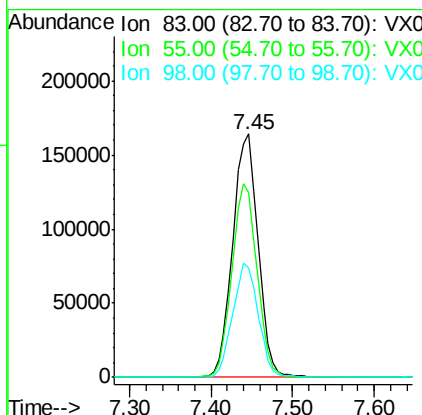
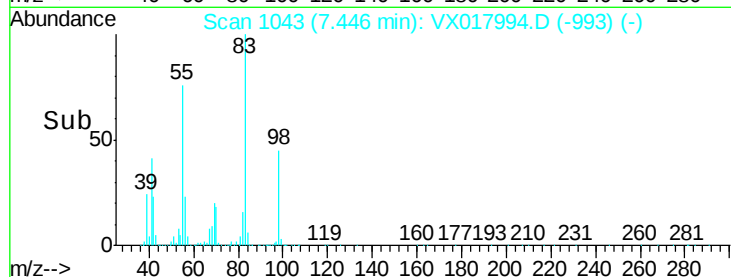
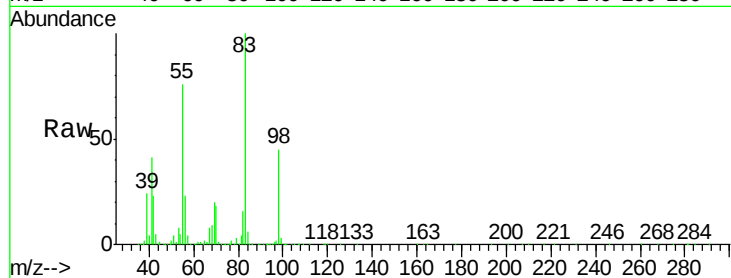
#39
Methvlcvclohexane
Concen: 47.543 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	64.5	96.7
98	44.6	39.0	58.6

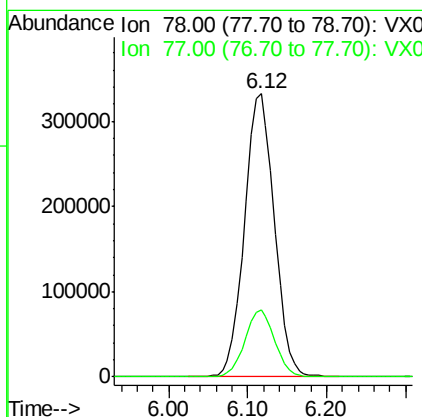
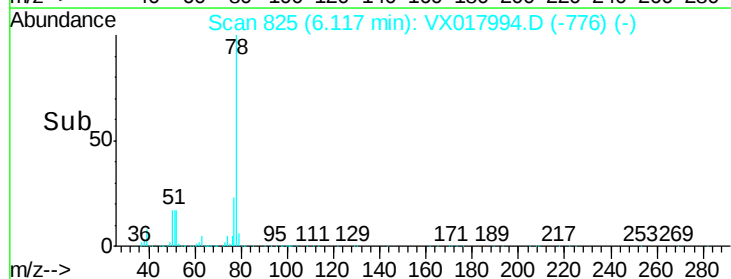
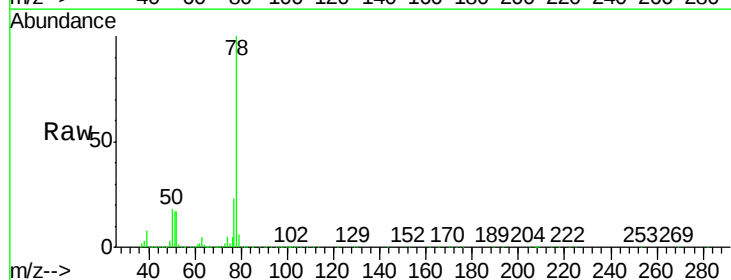
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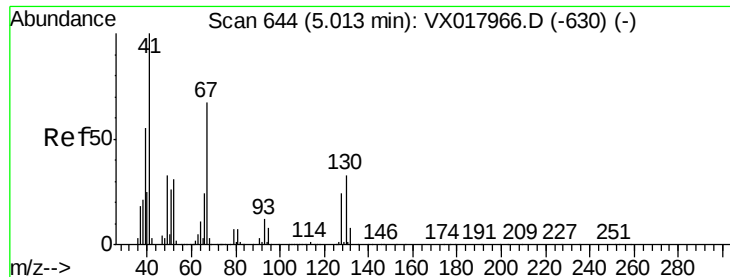
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#40
Benzene
Concen: 50.125 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





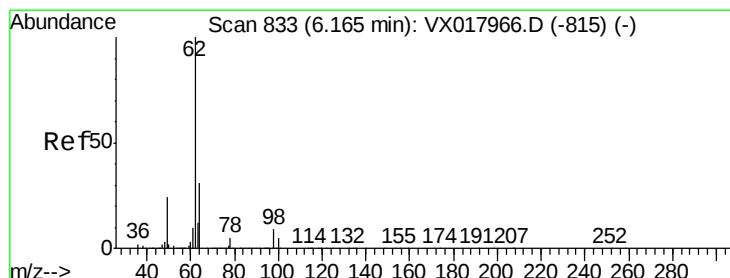
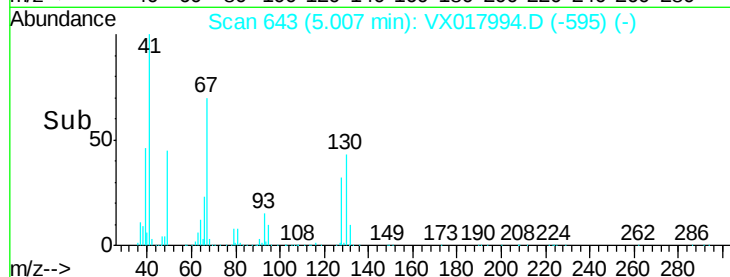
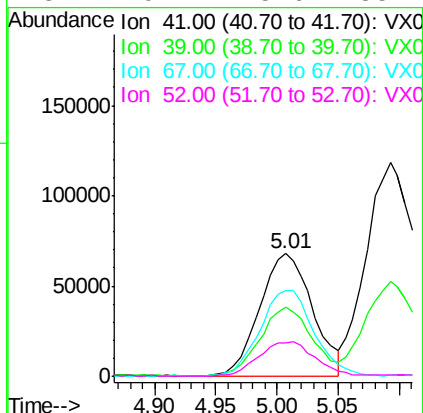
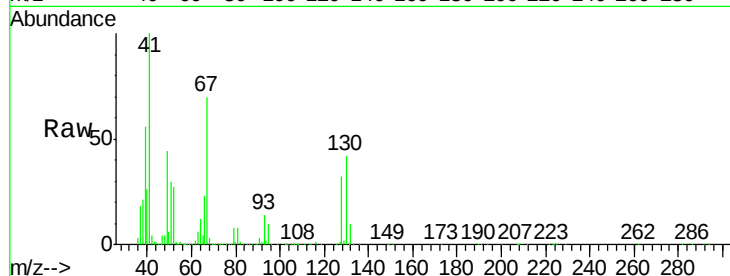
#41
Methacrylonitrile
Concen: 51.316 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.8	67.2
67	71.5	57.5	86.3
52	29.7	25.6	38.4

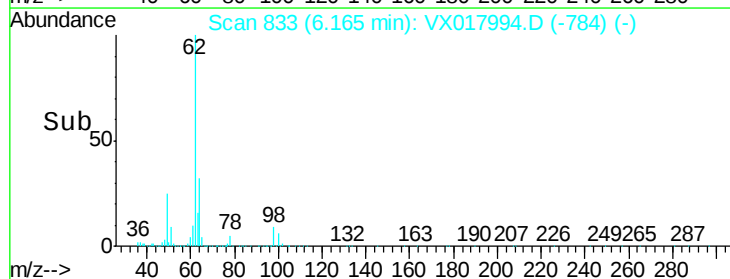
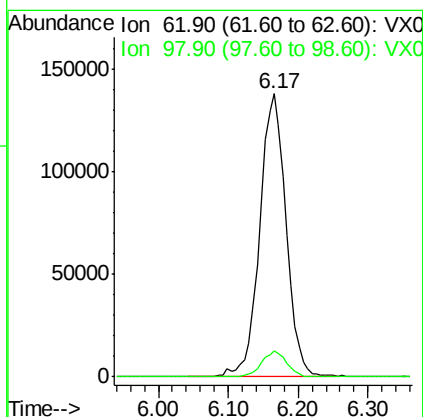
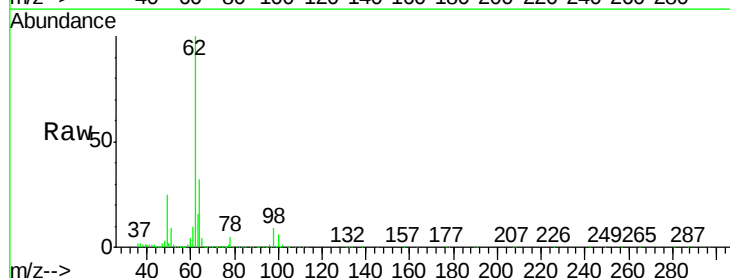
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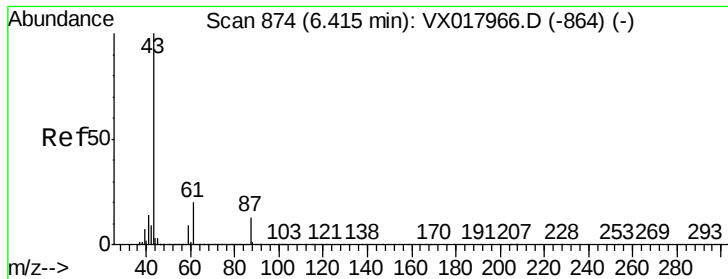
MMDadoda
8/20/2020 9:17:08 AM



#42
1,2-Dichloroethane
Concen: 49.037 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2





#43

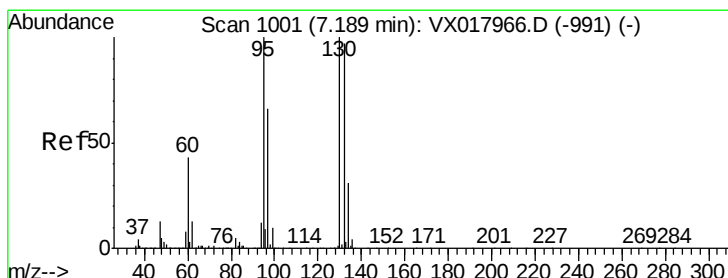
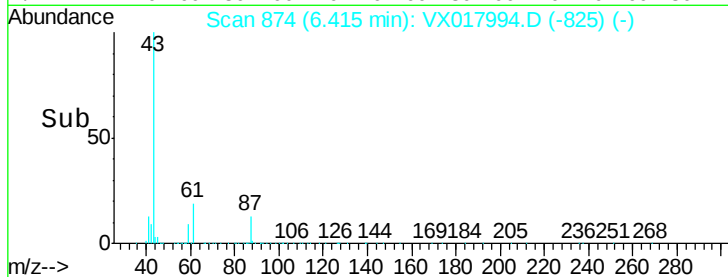
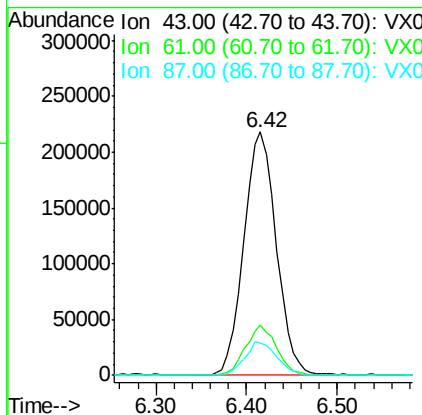
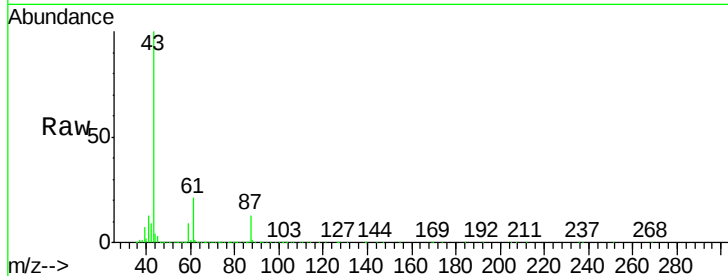
Isopropyl Acetate
 Concen: 48.295 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.5	10.8	16.2

Manual Integrations
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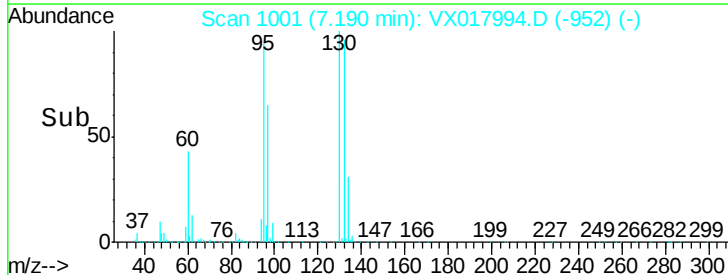
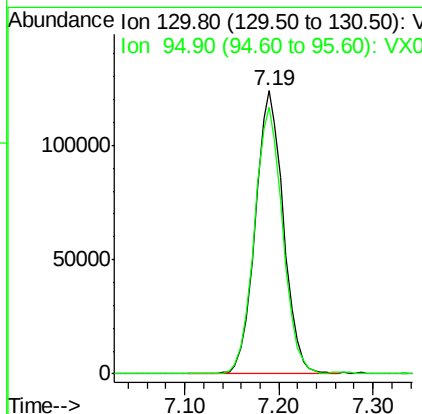
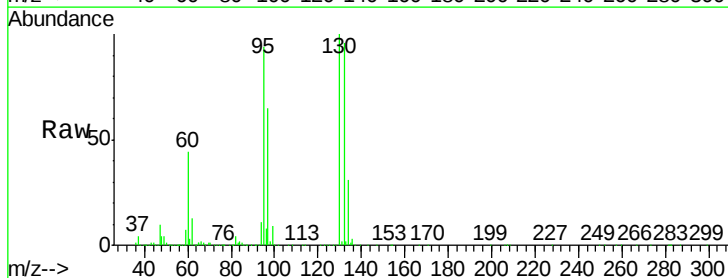
MMDadoda
 8/20/2020 9:17:08 AM

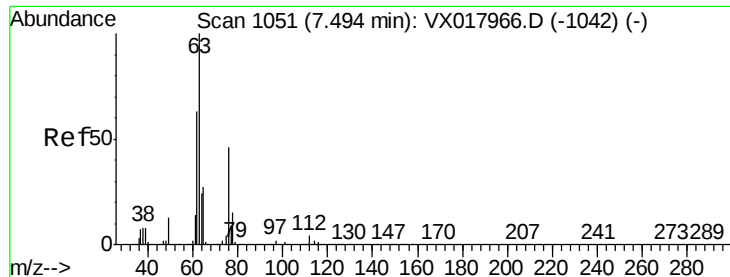


#44

Trichloroethene
 Concen: 50.222 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	200.6





#45

1,2-Dichloropropane

Concen: 47.016 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 63 Resp: 234571

Ion Ratio Lower Upper

63 100

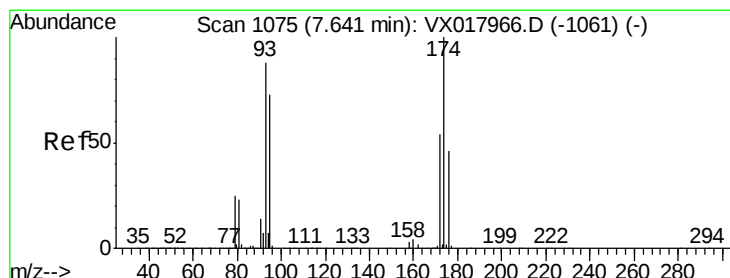
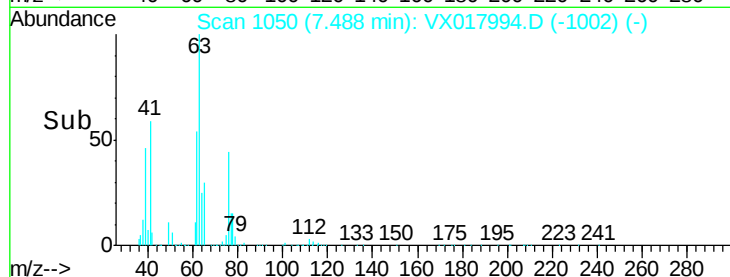
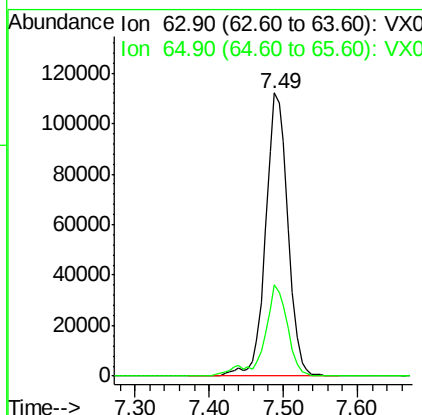
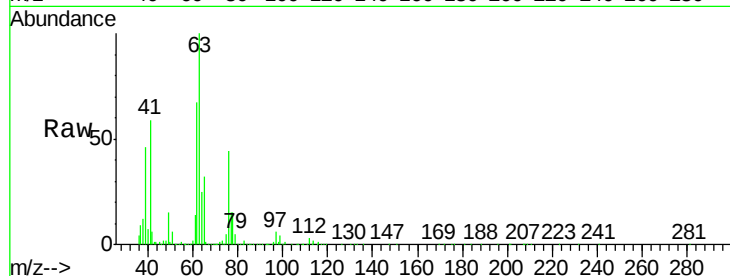
65 32.1 23.8 35.8

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#46

Dibromomethane

Concen: 47.697 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

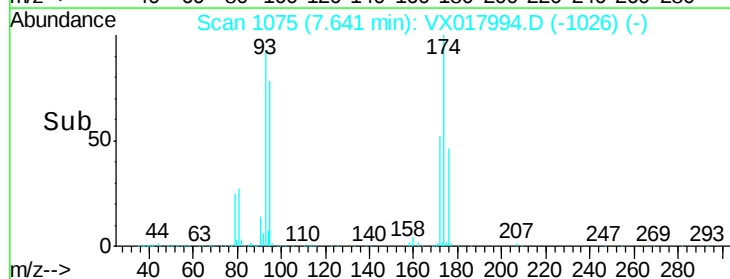
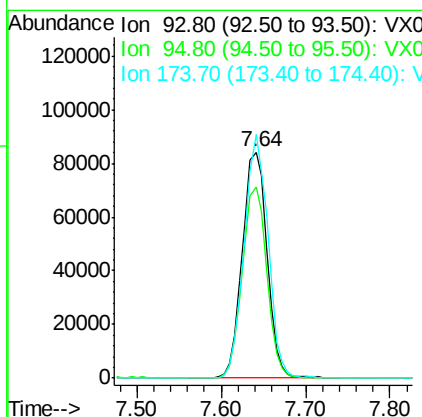
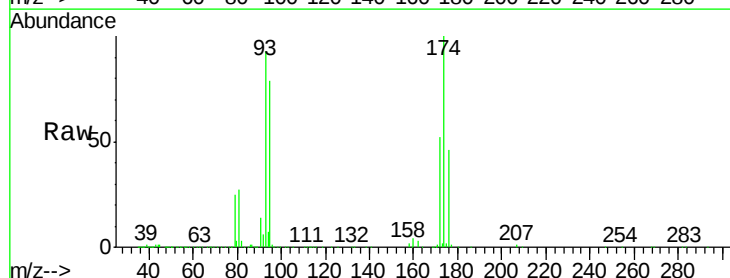
Tgt Ion: 93 Resp: 166081

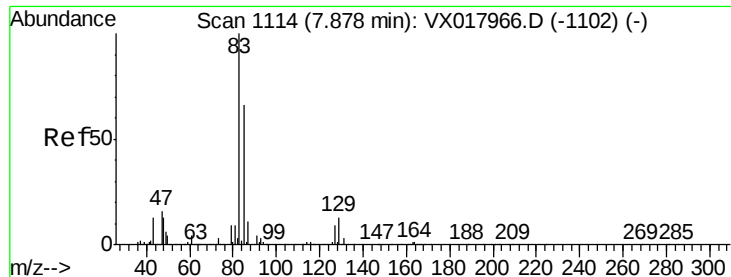
Ion Ratio Lower Upper

93 100

95 83.9 66.8 100.2

174 104.3 88.3 132.5





#47

Bromodichloromethane

Concen: 47.939 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

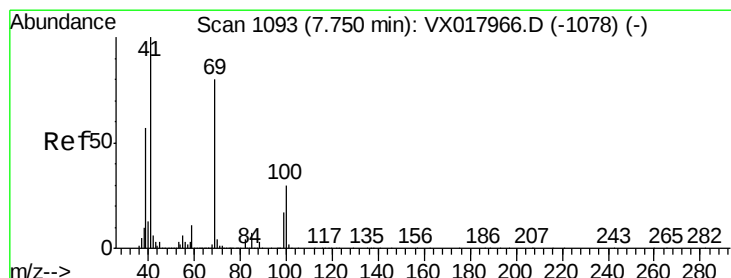
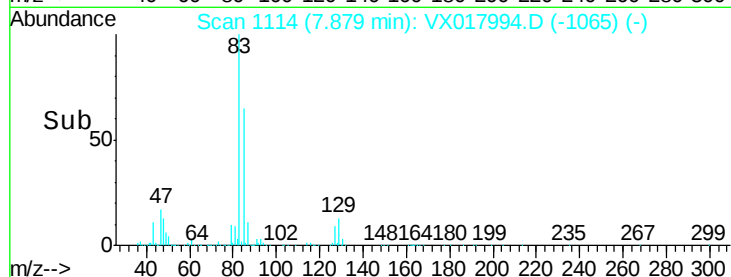
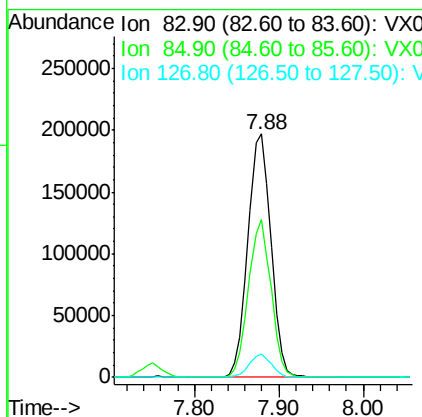
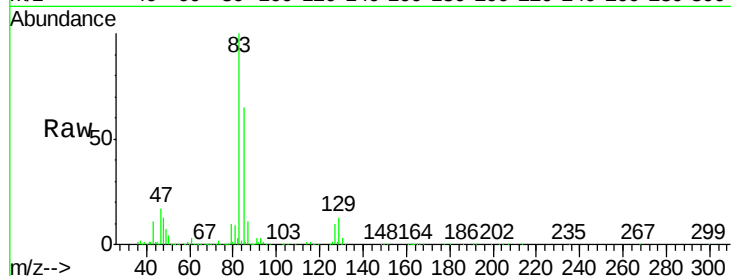
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:	83	Resp:	362376
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.4	78.6
127	9.5	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.290 ug/l

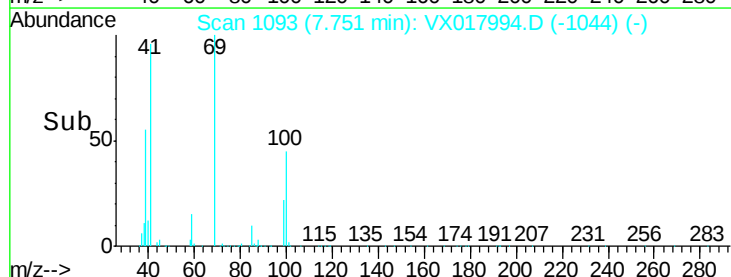
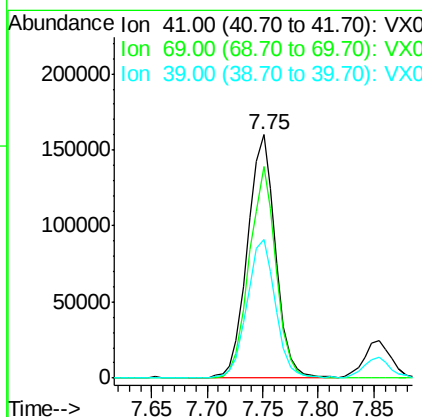
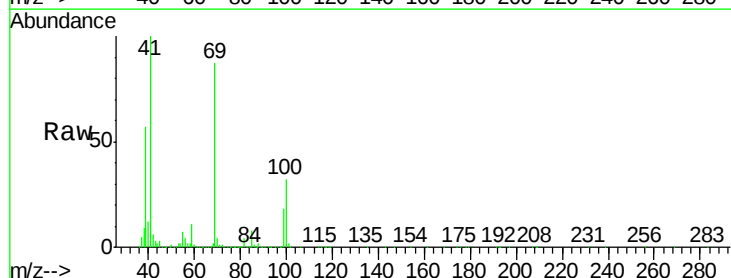
RT: 7.75 min Scan# 1093

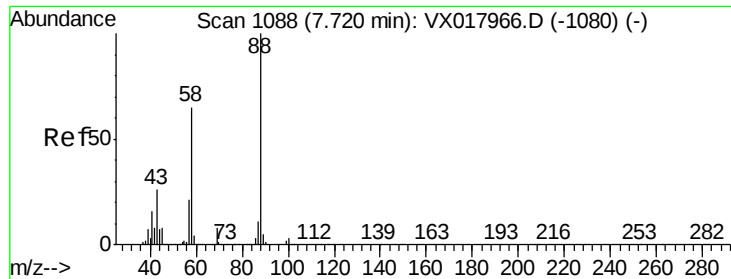
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion:	41	Resp:	278389
Ion	Ratio	Lower	Upper
41	100		
69	83.7	64.3	96.5
39	57.9	45.3	67.9





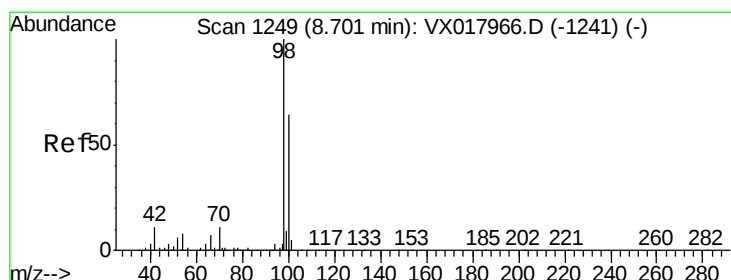
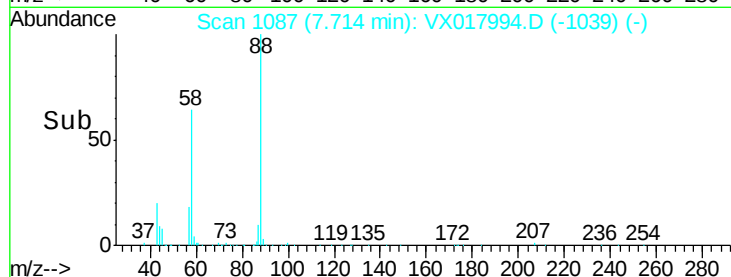
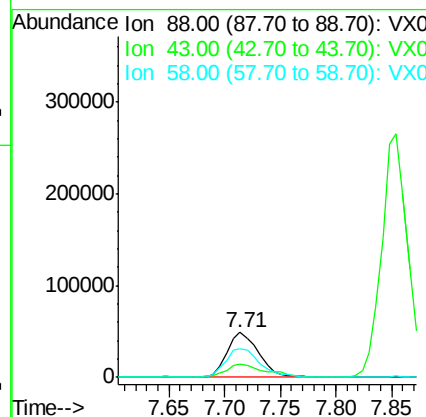
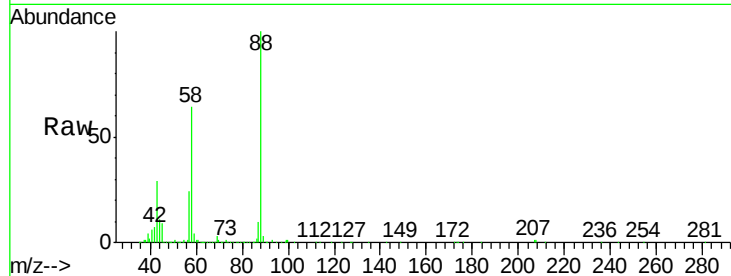
#49
1,4-Dioxane
Concen: 864.782 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.3	40.9
58	69.9	57.7	86.5

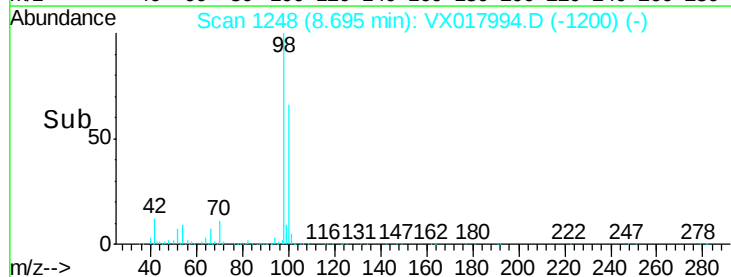
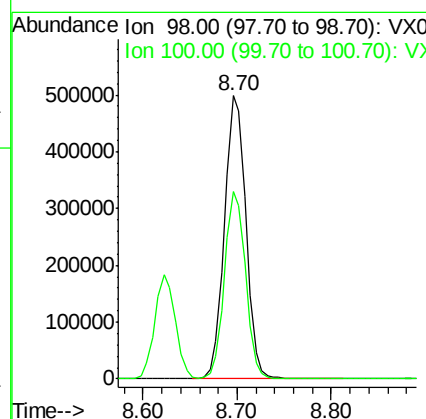
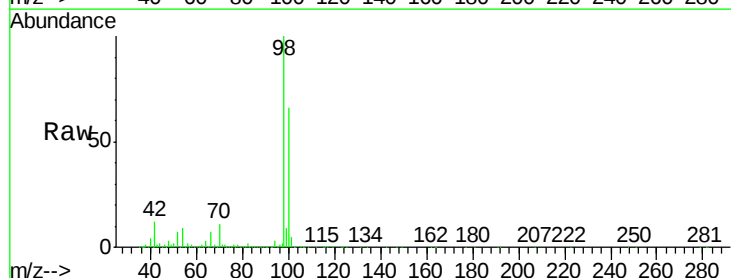
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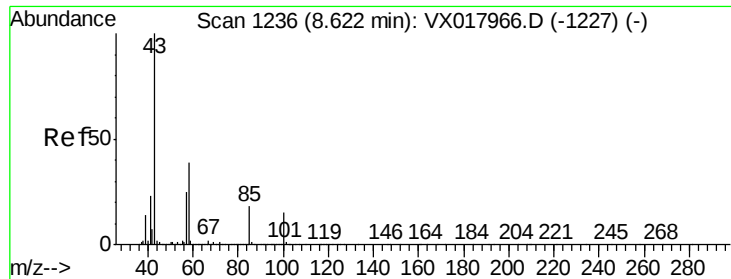
MMDadoda
8/20/2020 9:17:08 AM



#50
Toluene-d8
Concen: 43.237 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 234.792 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 43 Resp: 1765240

Ion Ratio Lower Upper

43 100

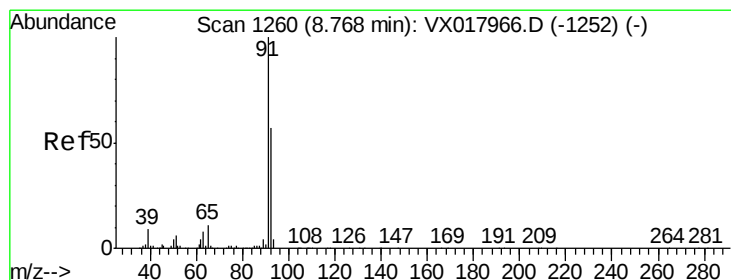
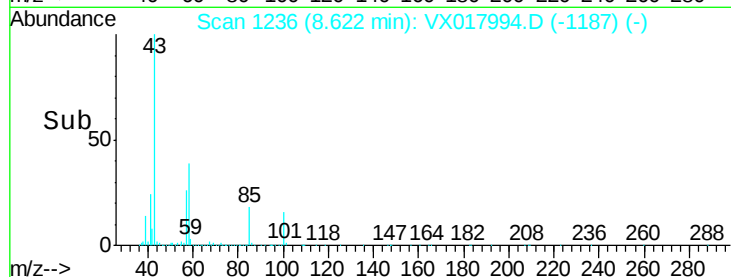
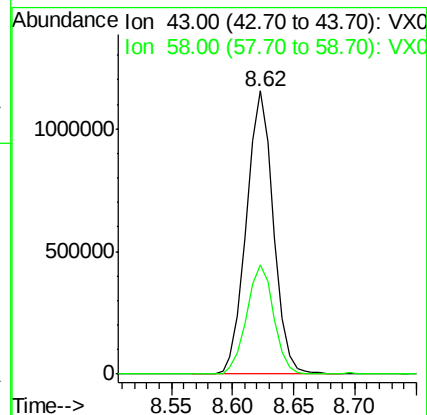
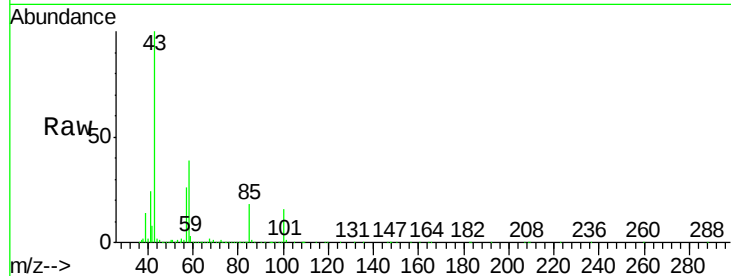
58 38.7 31.0 46.4

Manual Integrations

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#52

Toluene

Concen: 51.224 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX017994.D

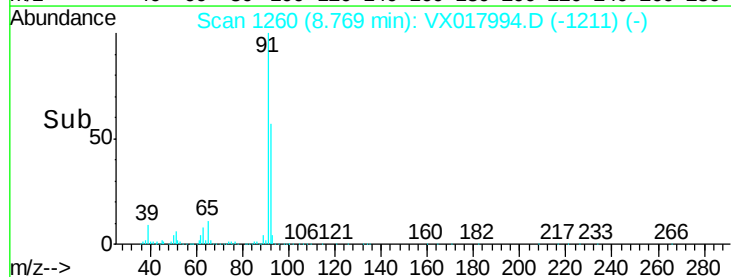
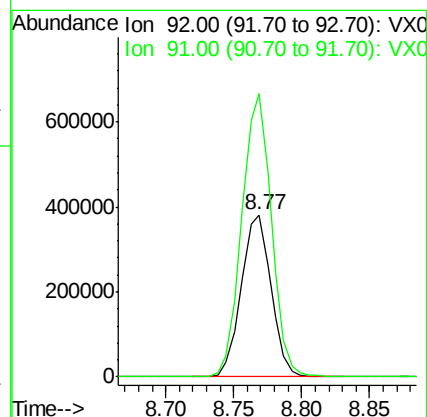
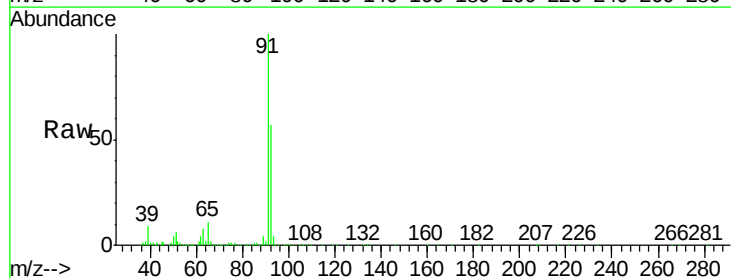
Acq: 19 Aug 2020 18:45

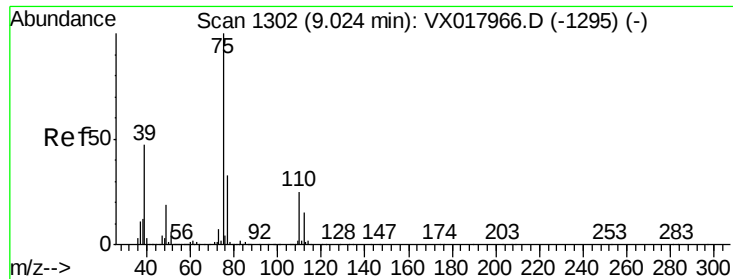
Tgt Ion: 92 Resp: 583562

Ion Ratio Lower Upper

92 100

91 173.7 138.4 207.6





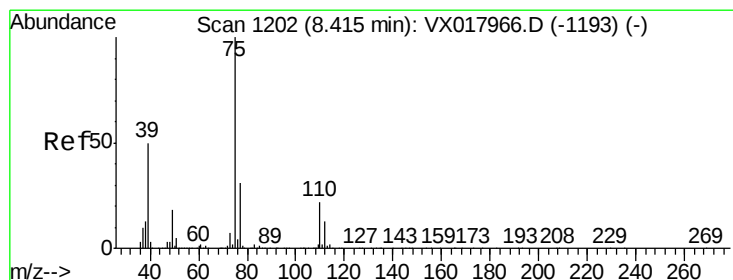
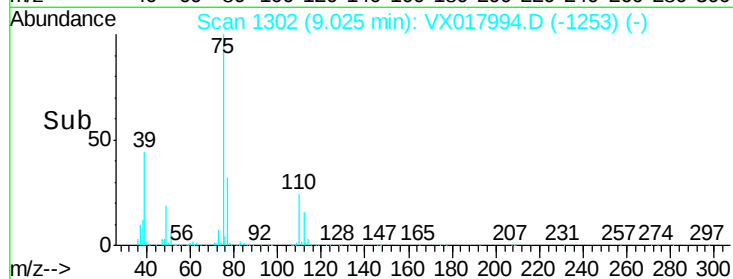
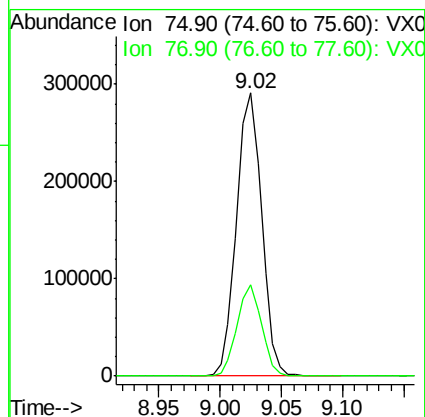
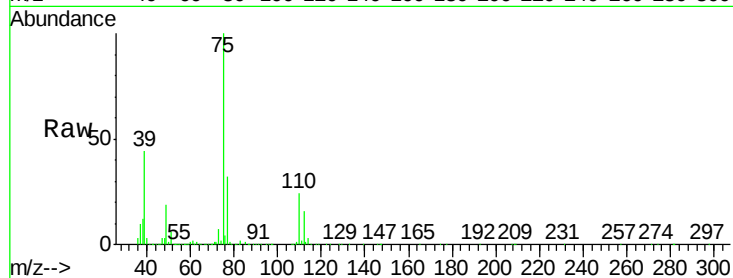
#53
t-1,3-Dichloropropene
Concen: 51.821 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.1	39.1

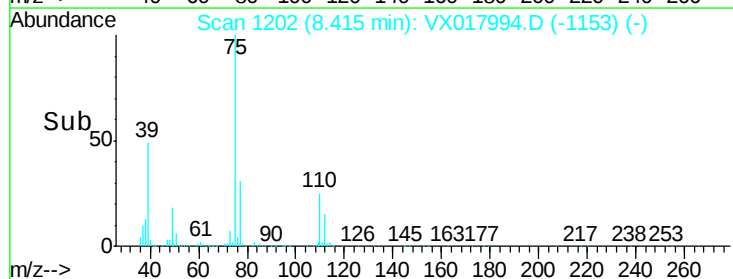
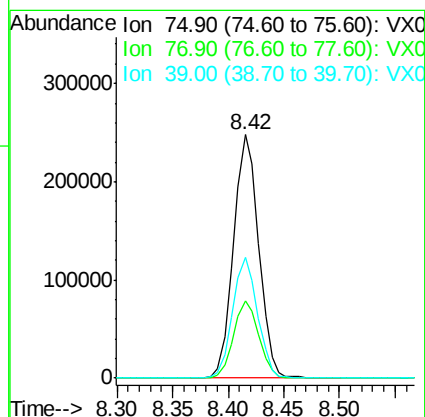
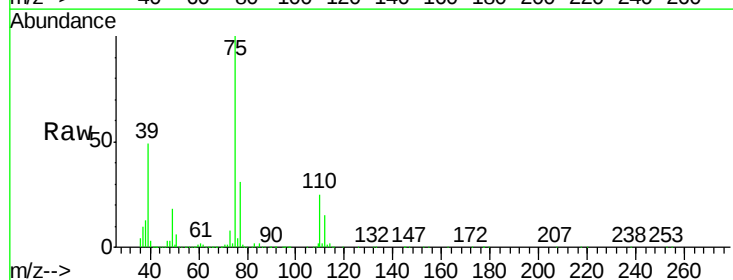
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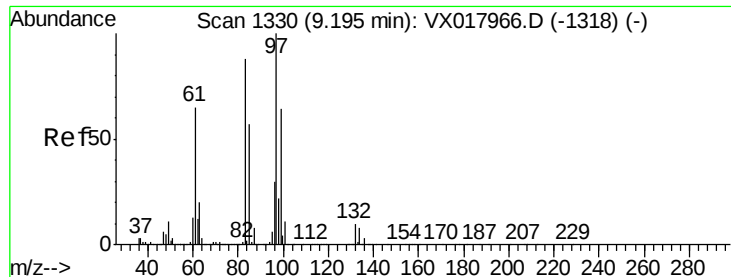
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.385 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8
39	49.3	39.7	59.5





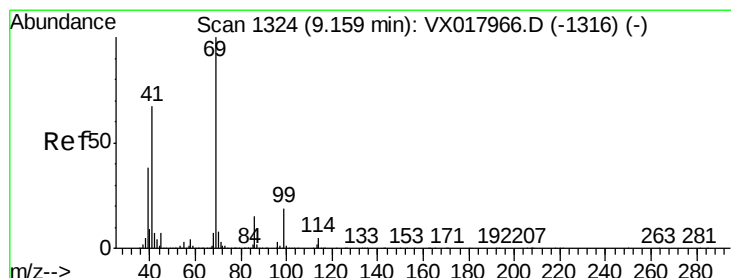
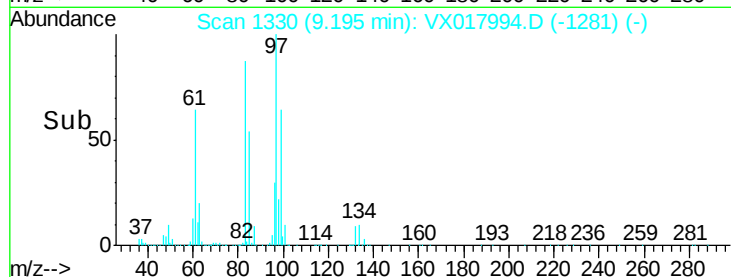
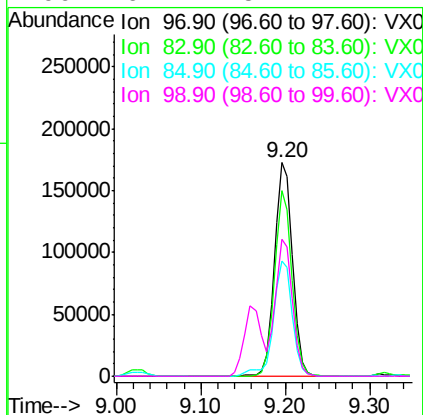
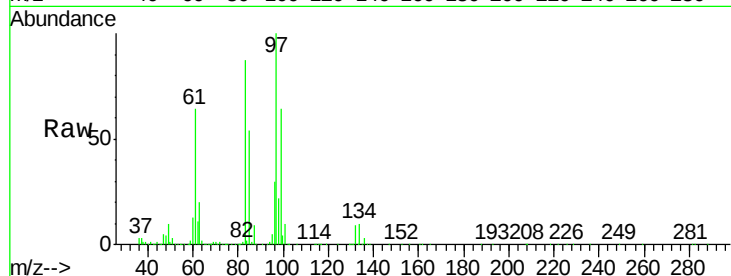
#55
 1,1,2-Trichloroethane
 Concen: 48.941 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		256142		
83	86.7	70.1	105.1		
85	54.0	45.8	68.8		
99	64.2	51.4	77.2		

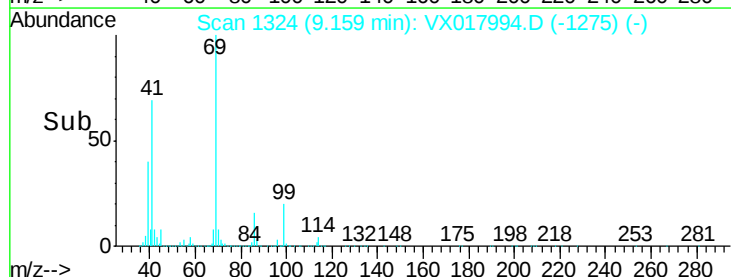
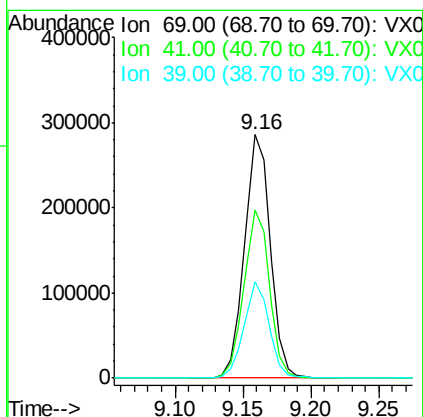
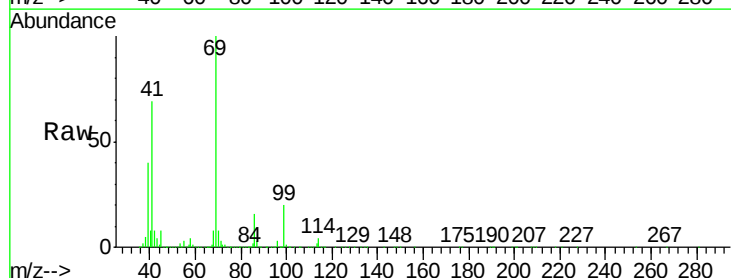
Manual Integrations
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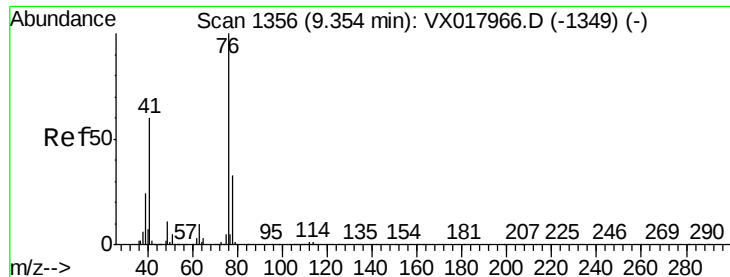
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 8/20/2020 9:17:08 AM



#56
 Ethyl methacrylate
 Concen: 51.381 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		380210		
41	68.3	52.3	78.5		
39	38.7	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 48.499 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 76 Resp: 403123

Ion Ratio Lower Upper

76 100

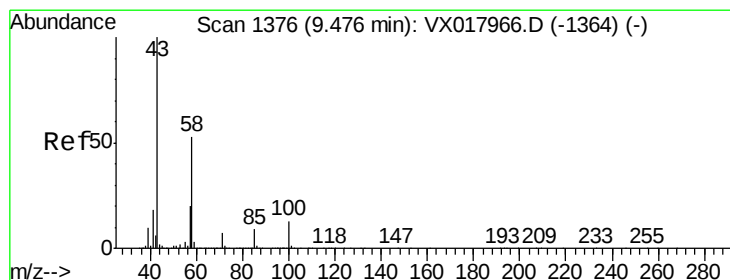
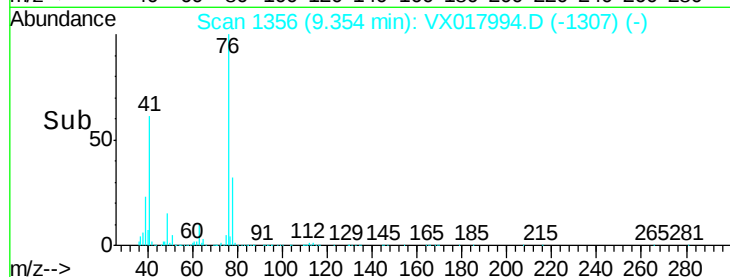
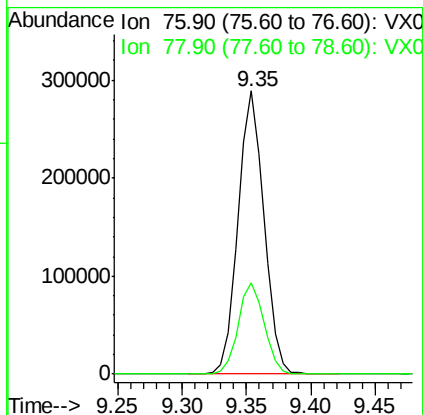
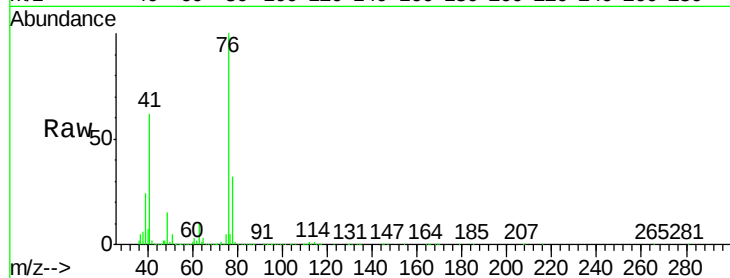
78 32.4 26.4 39.6

Manual Integrations

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#59

2-Hexanone

Concen: 253.586 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX017994.D

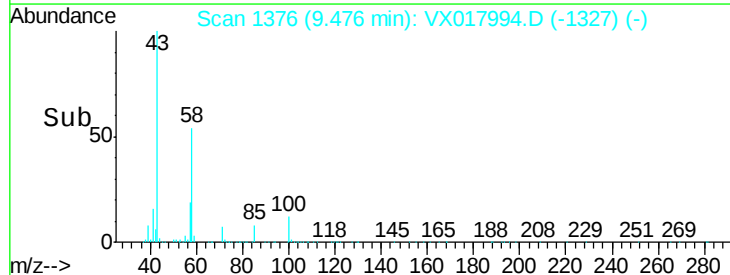
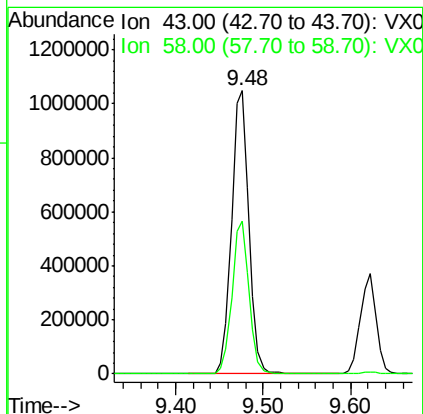
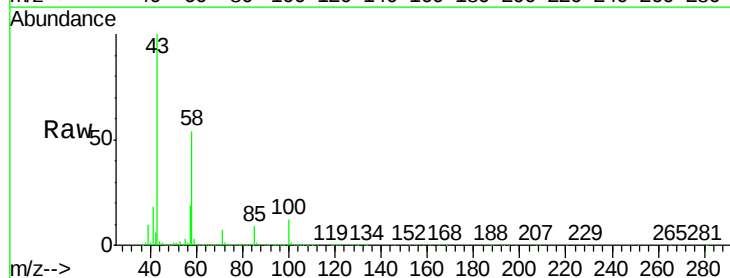
Acq: 19 Aug 2020 18:45

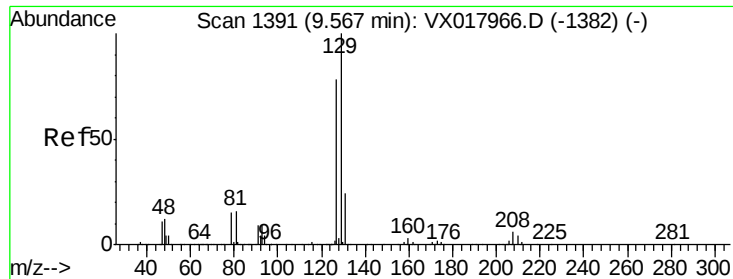
Tgt Ion: 43 Resp: 1444660

Ion Ratio Lower Upper

43 100

58 53.1 26.4 79.0





#60

Dibromochloromethane

Concen: 49.818 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:129 Resp: 325636

Ion Ratio Lower Upper

129 100

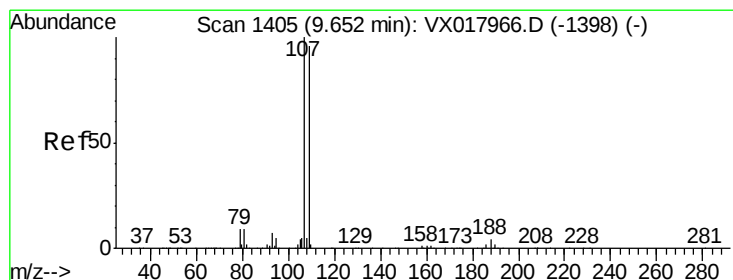
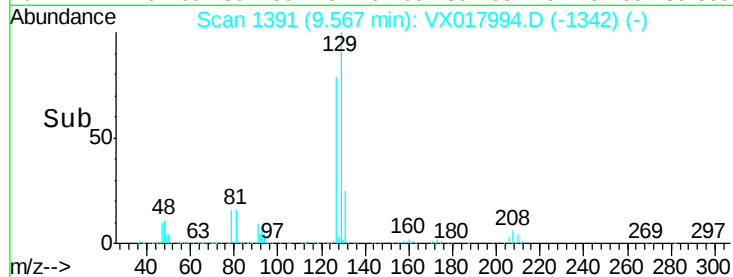
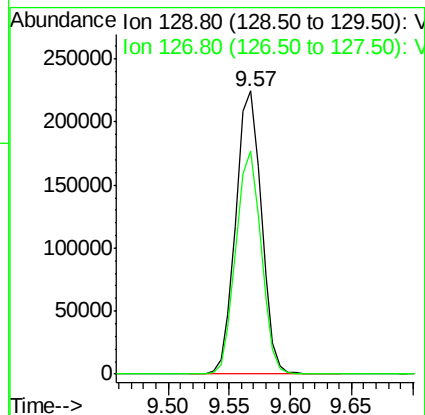
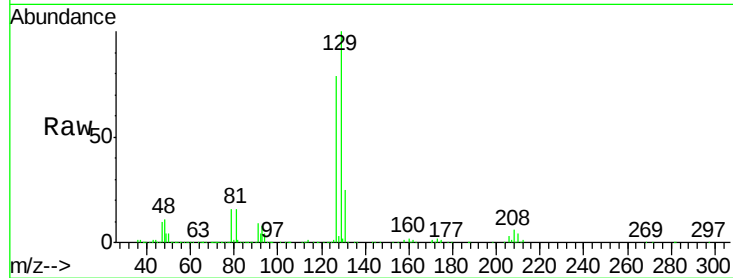
127 77.7 39.5 118.3

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#61

1,2-Dibromoethane

Concen: 45.172 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017994.D

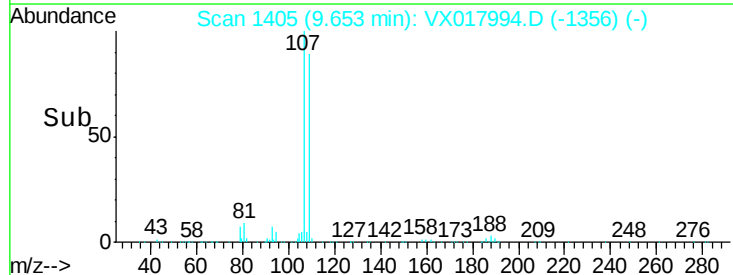
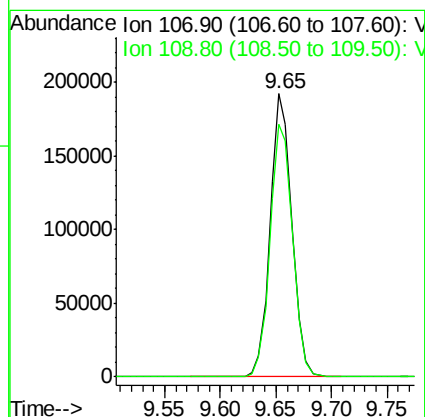
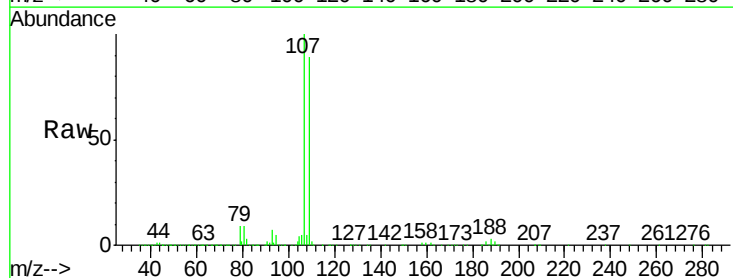
Acq: 19 Aug 2020 18:45

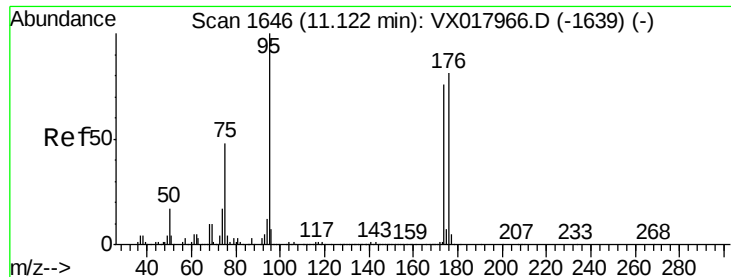
Tgt Ion:107 Resp: 261868

Ion Ratio Lower Upper

107 100

109 92.8 75.5 113.3





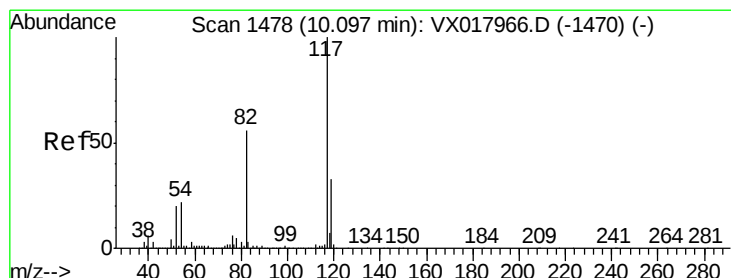
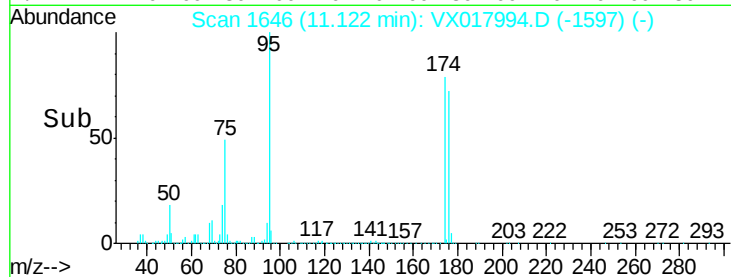
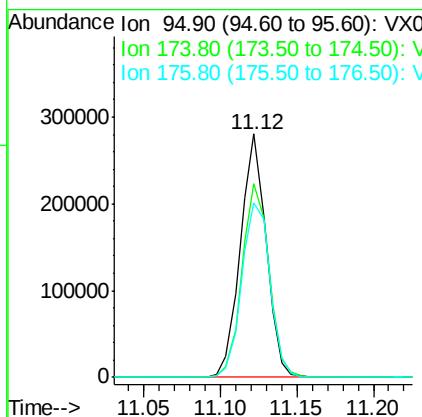
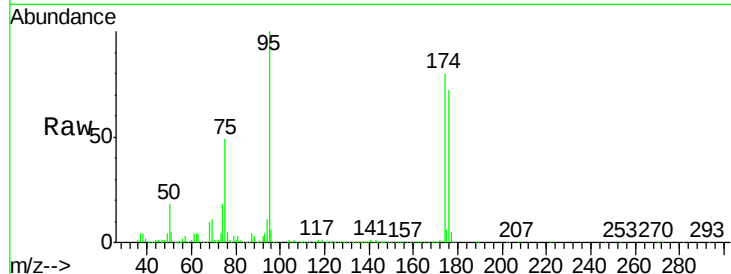
#62
4-Bromofluorobenzene
Concen: 48.830 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	327905		
174	83.2	0.0	166.0	
176	78.3	0.0	161.0	

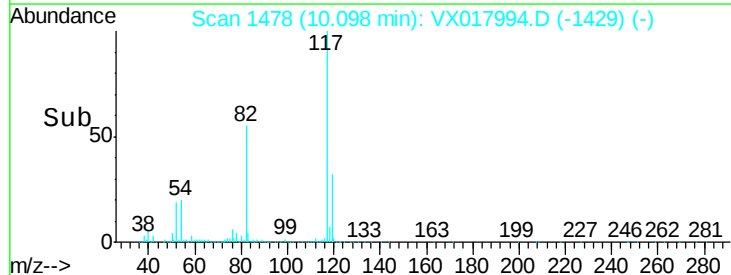
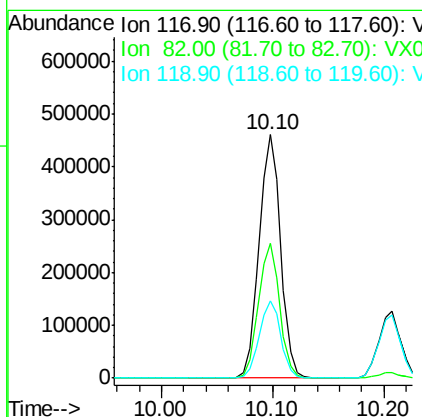
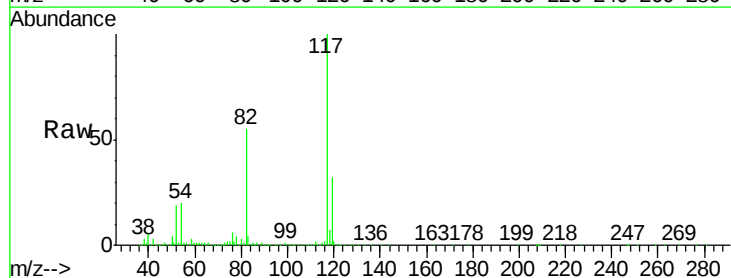
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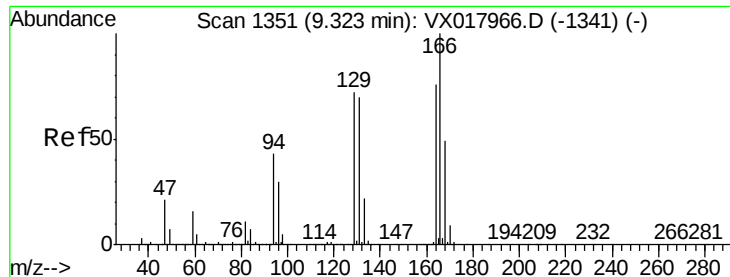
MMDadoda
8/20/2020 9:17:08 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	623353		
82	55.3	44.6	66.8	
119	31.7	26.2	39.4	





#64

Tetrachloroethene

Concen: 47.408 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:164 Resp: 225683

Ion Ratio Lower Upper

164 100

166 117.4 105.7 158.5

129 93.5 75.8 113.8

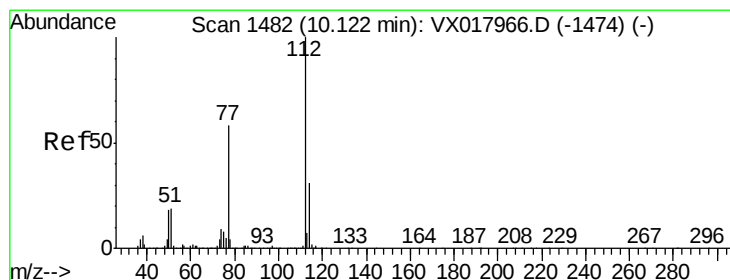
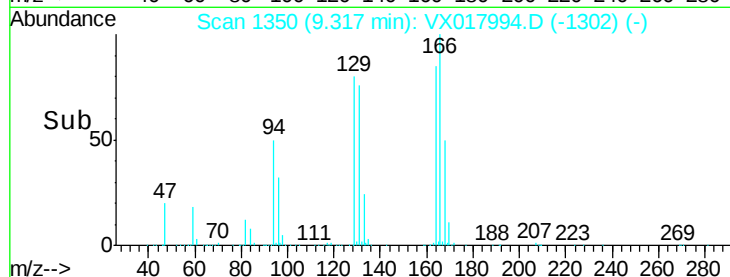
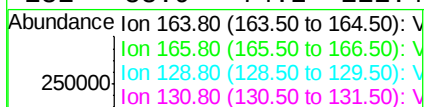
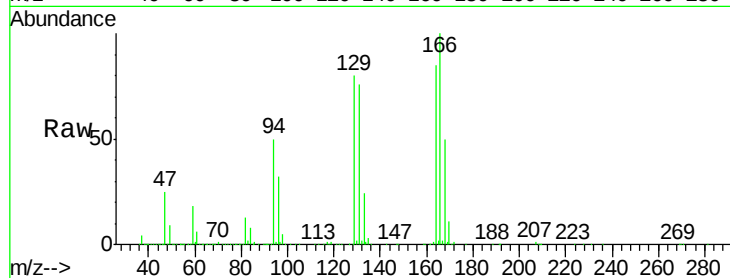
131 88.9 74.2 111.4

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#65

Chlorobenzene

Concen: 50.488 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017994.D

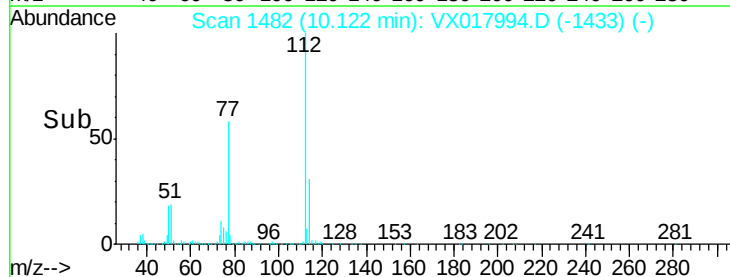
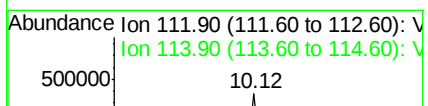
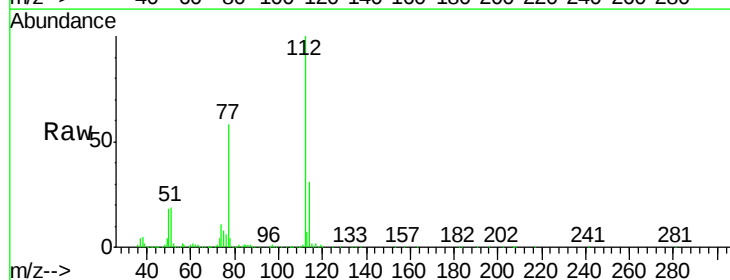
Acq: 19 Aug 2020 18:45

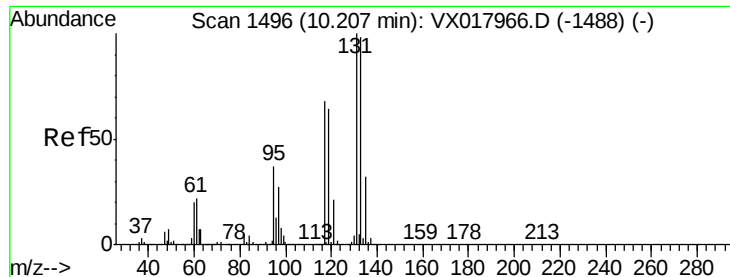
Tgt Ion:112 Resp: 624713

Ion Ratio Lower Upper

112 100

114 30.8 25.0 37.6





#66

1,1,1,2-Tetrachloroethane

Concen: 50.799 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

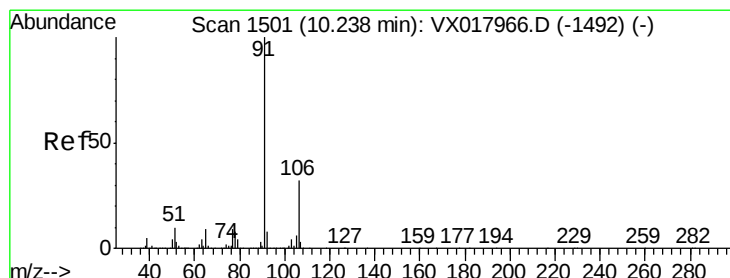
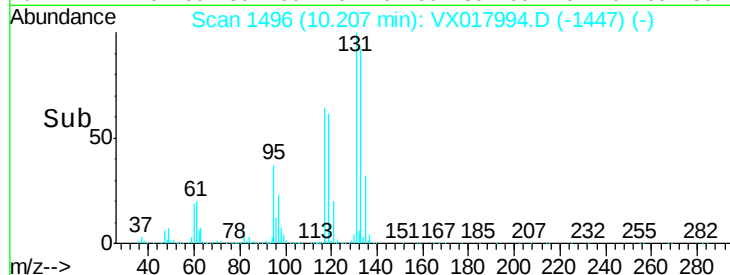
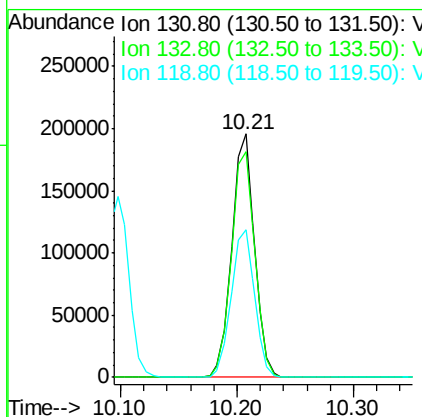
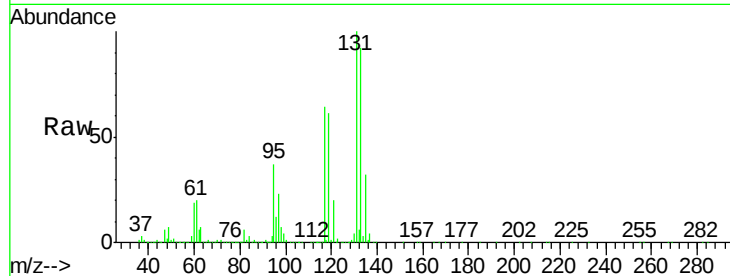
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:	131	Resp:	265887
Ion Ratio	Lower	Upper	
131	100		
133	95.9	48.4	145.3
119	62.7	31.6	94.8

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#67

Ethyl Benzene

Concen: 53.799 ug/l

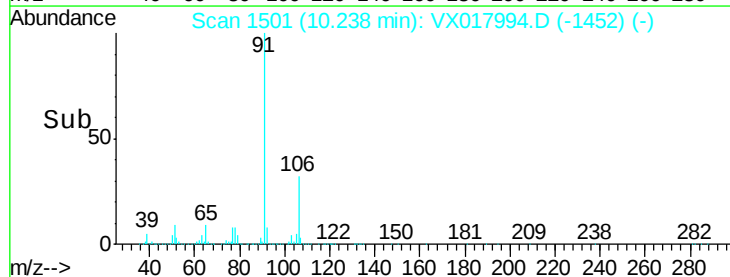
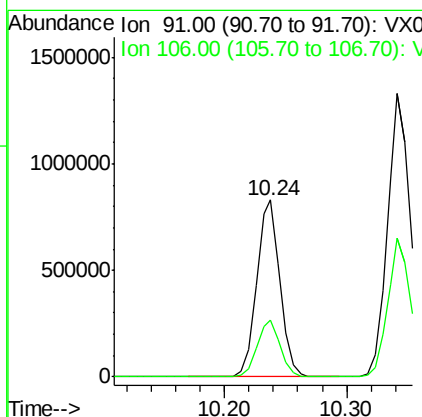
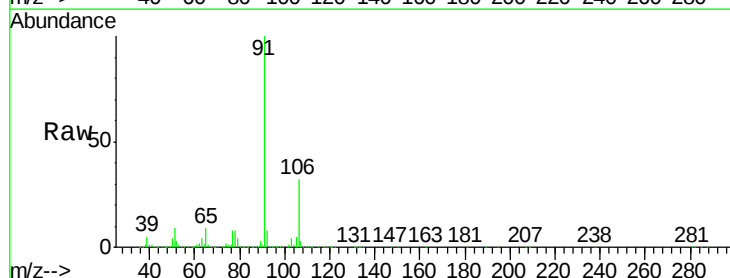
RT: 10.24 min Scan# 1501

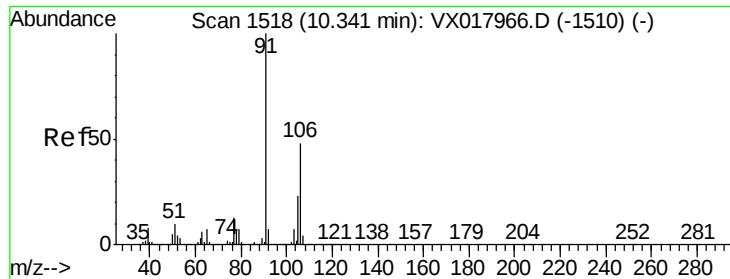
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion:	91	Resp:	1097391
Ion Ratio	Lower	Upper	
91	100		
106	32.0	25.4	38.0





#68

m/p-Xylenes

Concen: 107.731 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:106 Resp: 846004

Ion Ratio Lower Upper

106 100

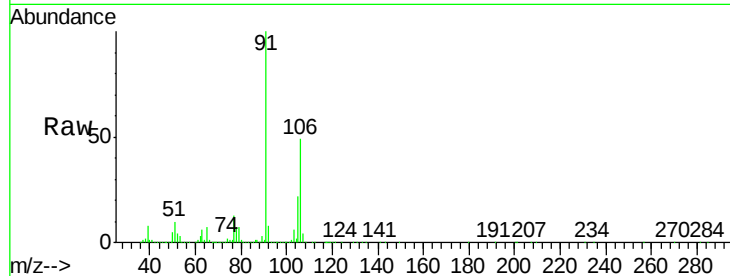
91 205.6 167.4 251.2

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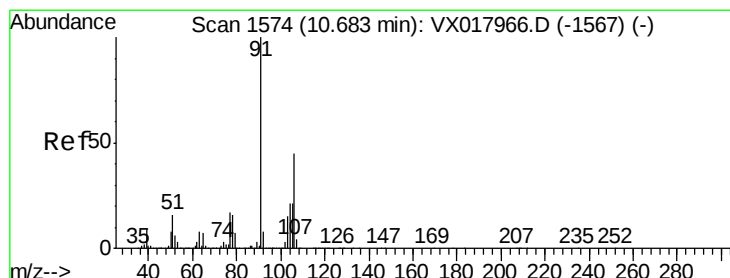
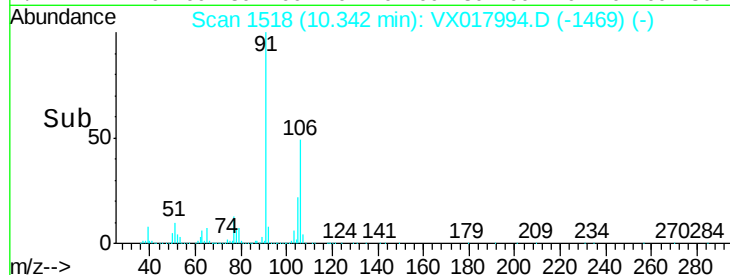
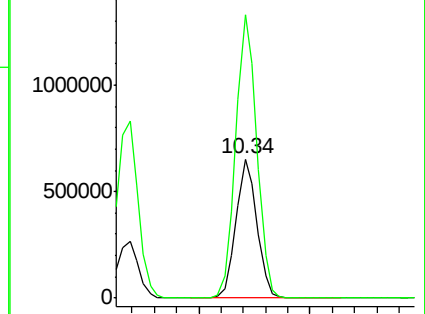
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 58.704 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017994.D

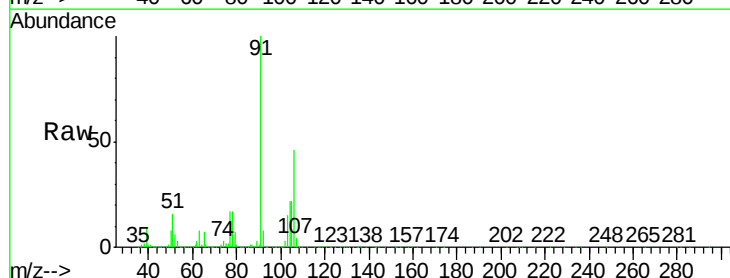
Acq: 19 Aug 2020 18:45

Tgt Ion:106 Resp: 444545

Ion Ratio Lower Upper

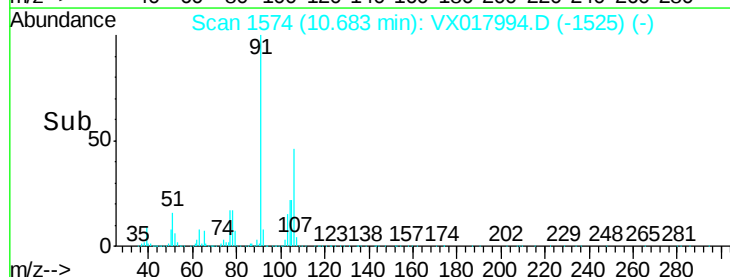
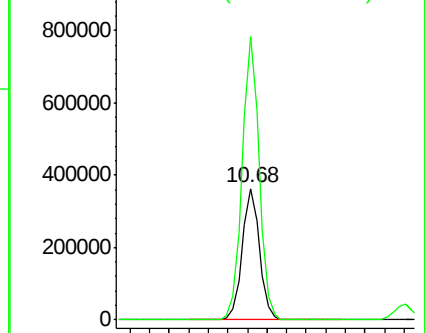
106 100

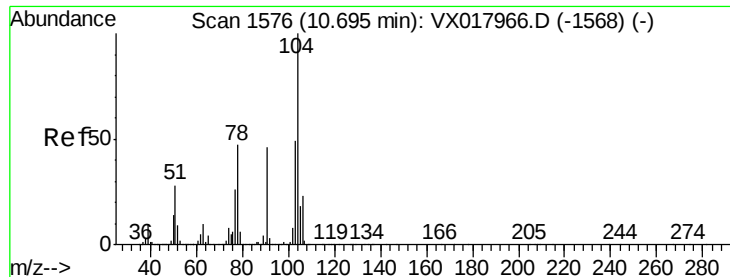
91 212.0 108.1 324.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





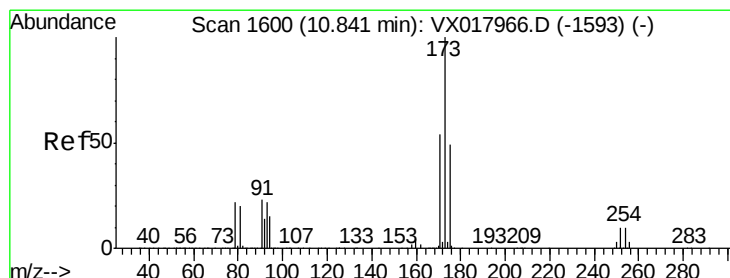
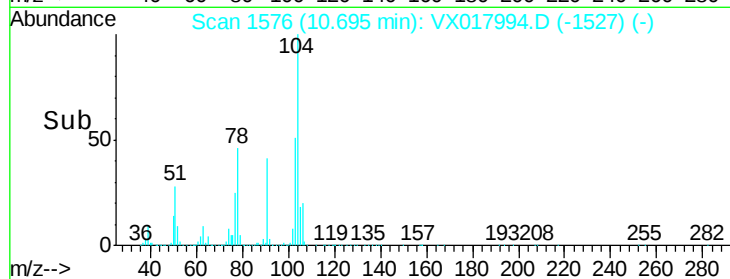
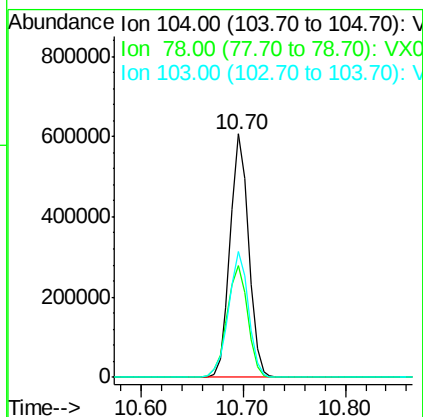
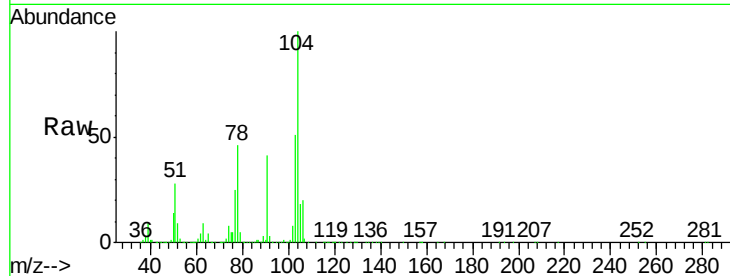
#70
Stvrene
Concen: 58.353 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion:	104	Resp:	762355
Ion Ratio	Lower	Upper	
104	100		
78	51.4	41.3	61.9
103	55.5	42.9	64.3

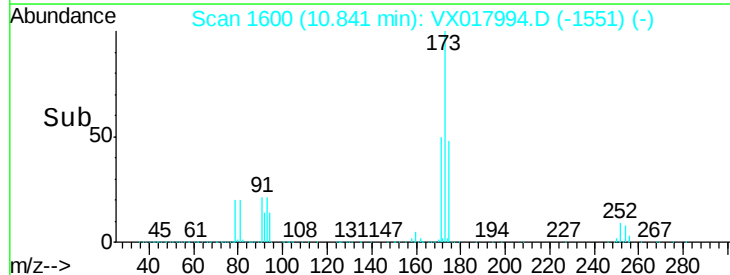
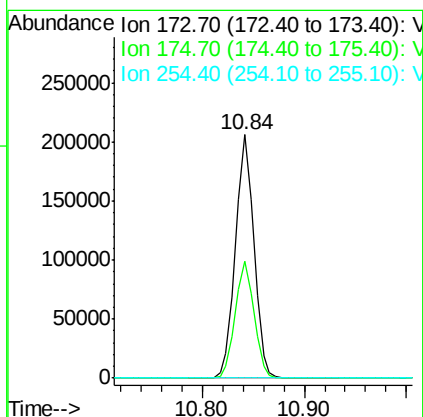
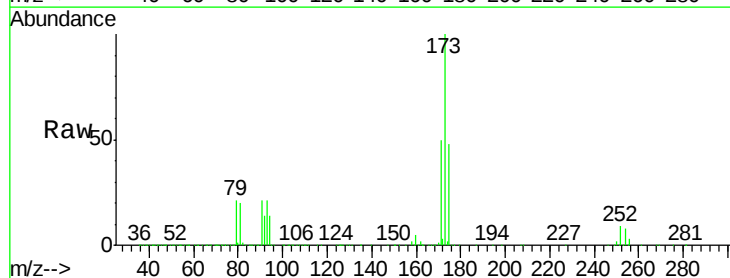
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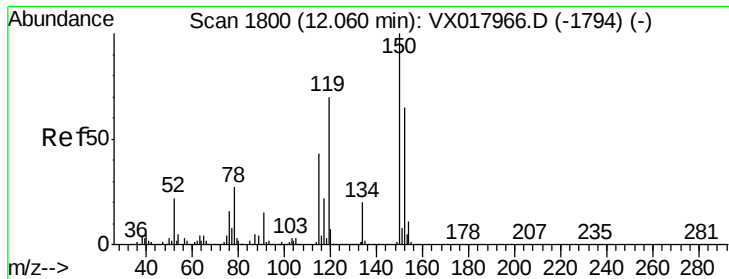
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#71
Bromoform
Concen: 54.414 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion:	173	Resp:	255630
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.4	73.2
254	0.2	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

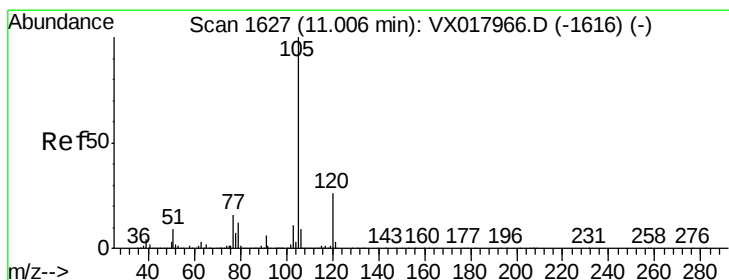
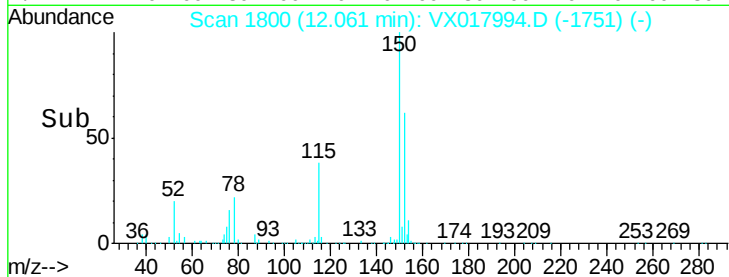
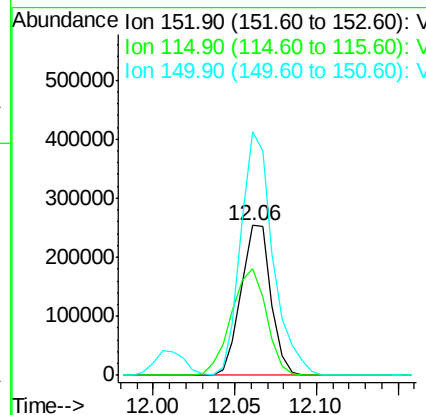
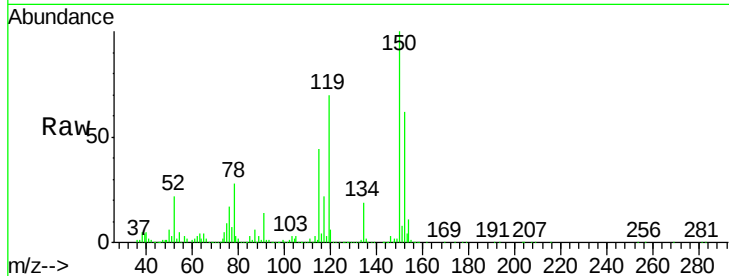
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	83.3	40.6	121.7
150	175.0	0.0	346.4

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#73

Isopropylbenzene

Concen: 55.686 ug/l

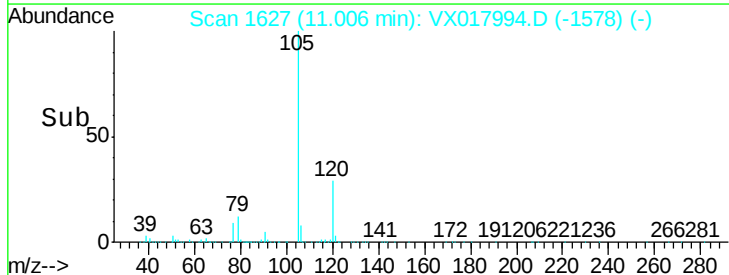
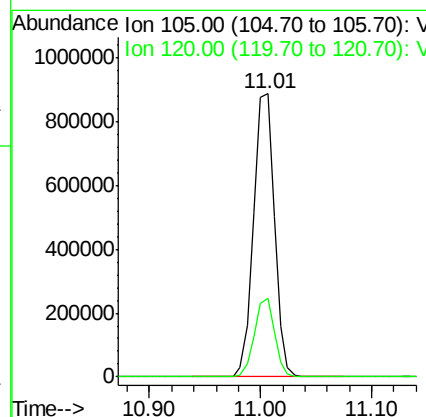
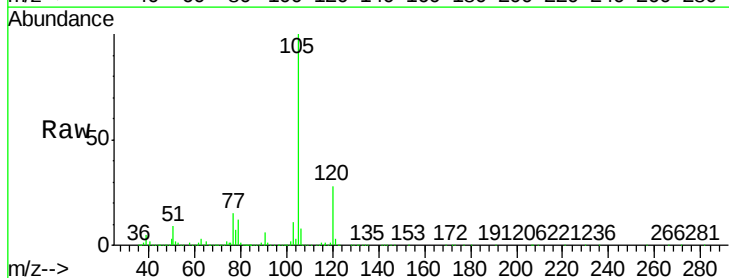
RT: 11.01 min Scan# 1627

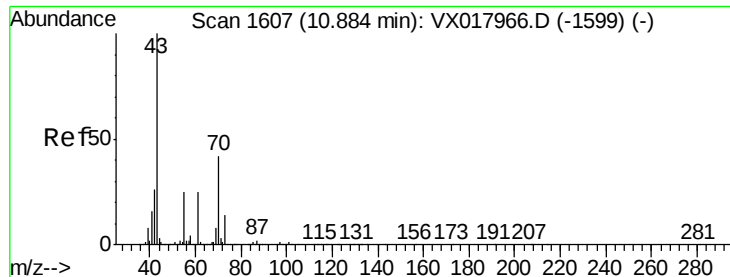
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4





#74

N-amvl acetate

Concen: 54.808 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

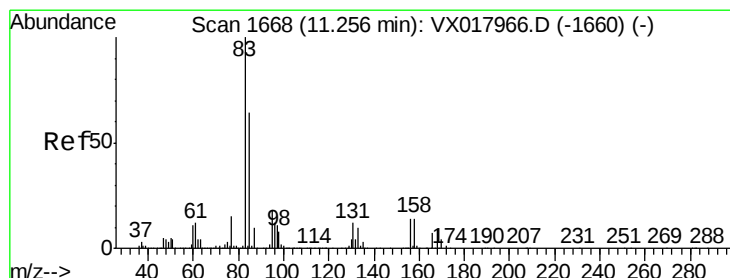
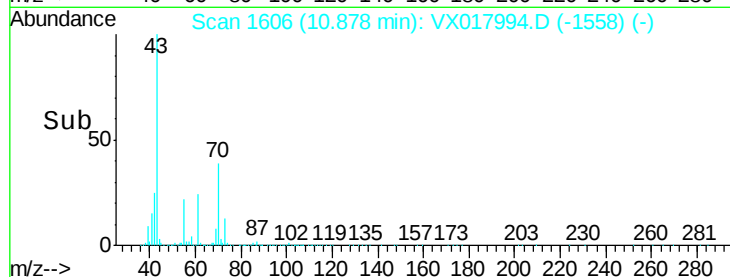
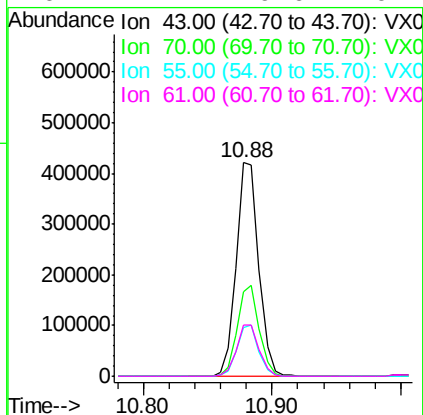
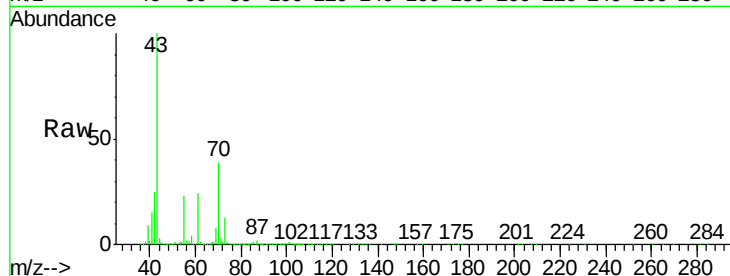
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		509188		
70	41.3	32.9	49.3		
55	23.6	19.3	28.9		
61	24.1	19.6	29.4		

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.182 ug/l

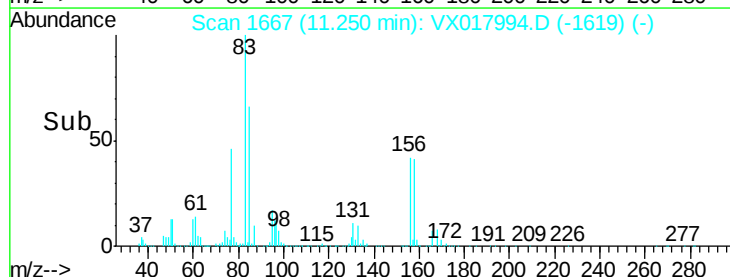
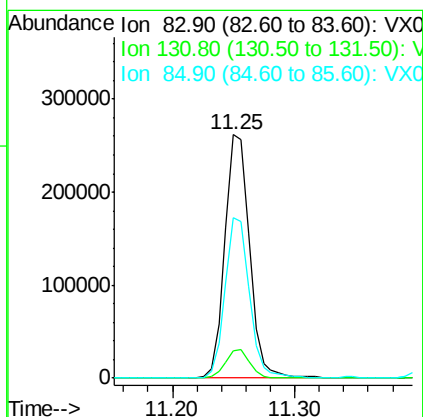
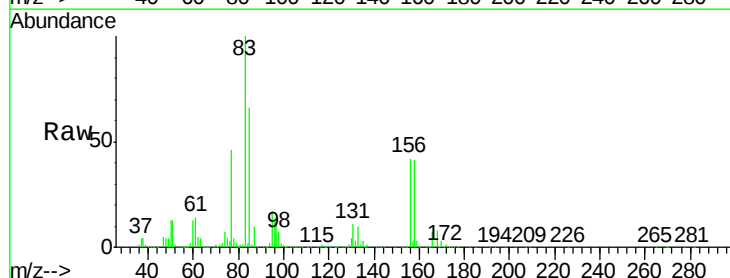
RT: 11.25 min Scan# 1667

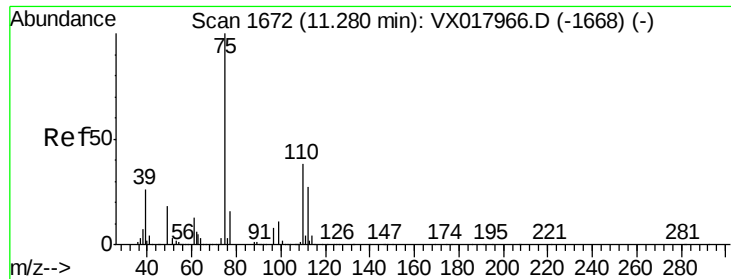
Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		365642		
131	11.6	5.7	17.0		
85	65.0	32.2	96.6		





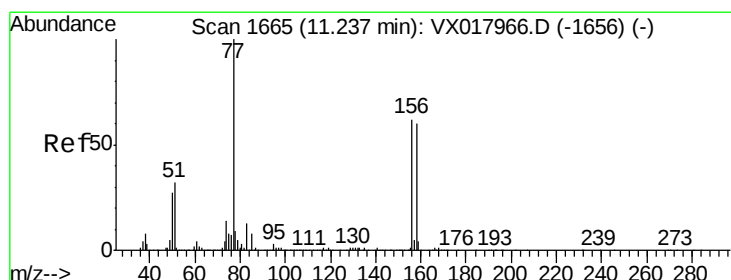
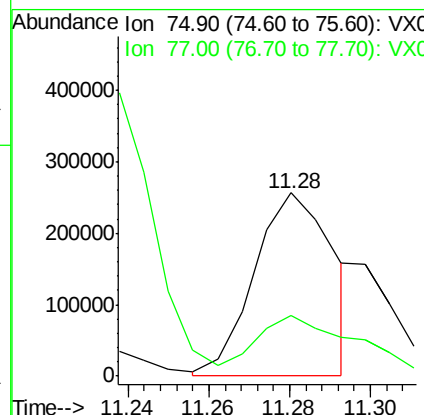
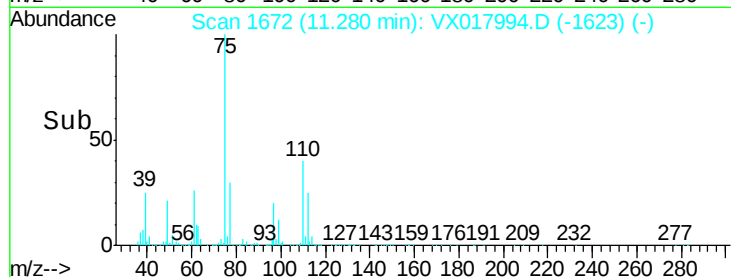
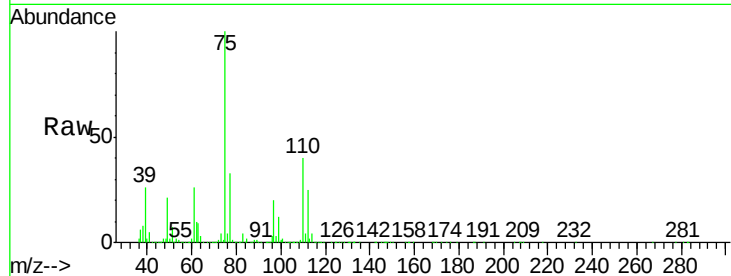
#76
 1,2,3-Trichloropropane
 Concen: 50.619 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion: 75 Resp: 349330
 Ion Ratio Lower Upper
 75 100
 77 42.5 21.1 63.1

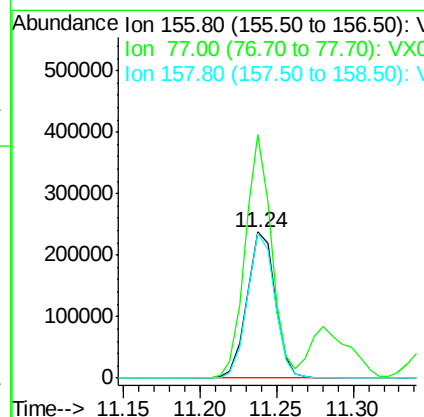
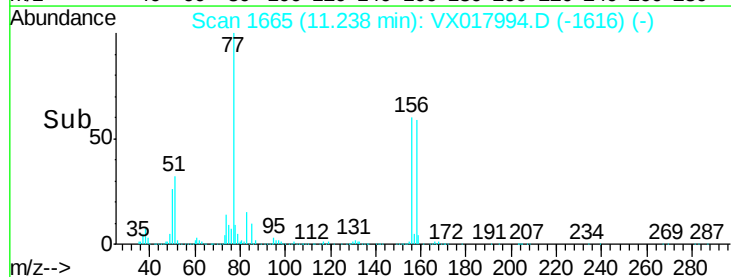
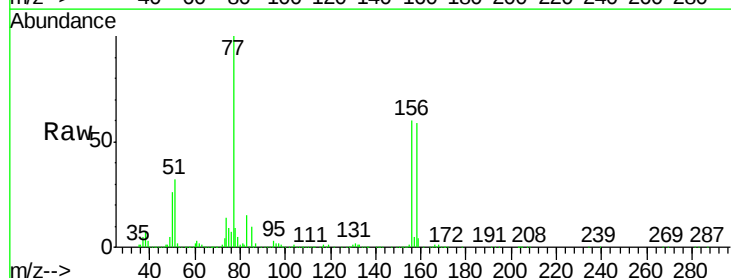
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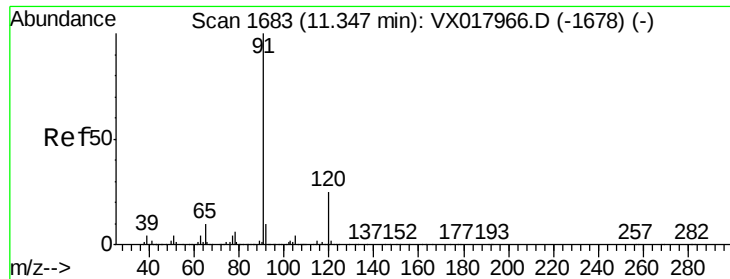
MMDadoda
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#77
 Bromobenzene
 Concen: 52.333 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion: 156 Resp: 303271
 Ion Ratio Lower Upper
 156 100
 77 155.2 78.0 234.0
 158 96.6 49.2 147.6





#78

n-propylbenzene

Concen: 53.110 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 91 Resp: 1297475

Ion Ratio Lower Upper

91 100

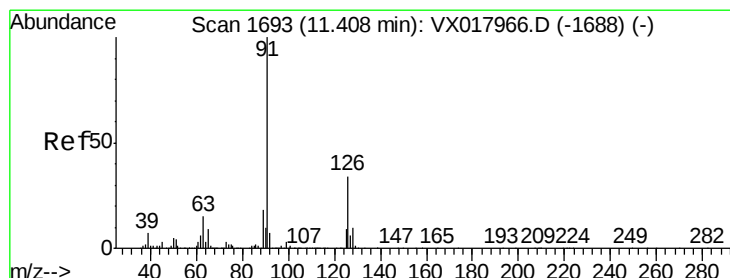
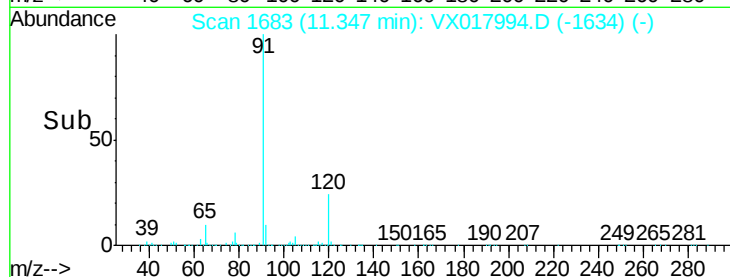
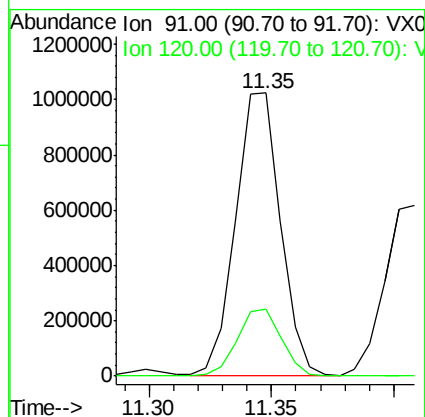
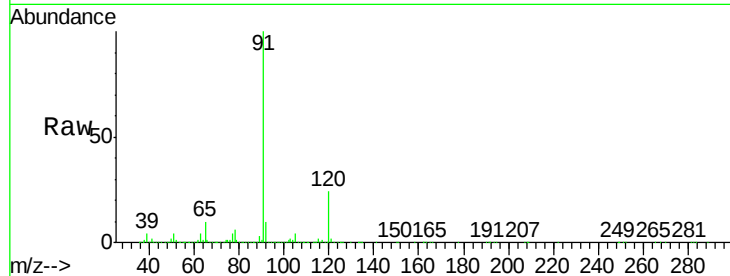
120 23.7 12.0 36.1

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#79

2-Chlorotoluene

Concen: 52.925 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX017994.D

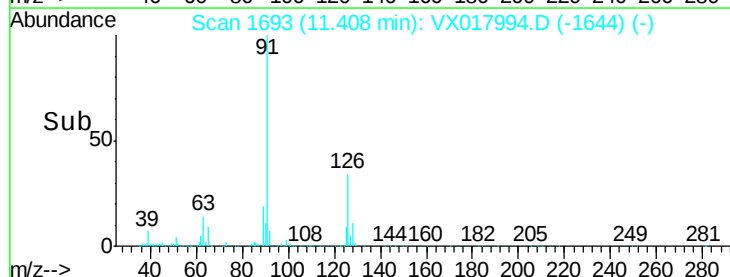
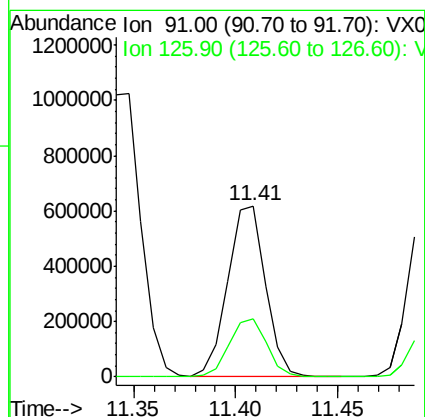
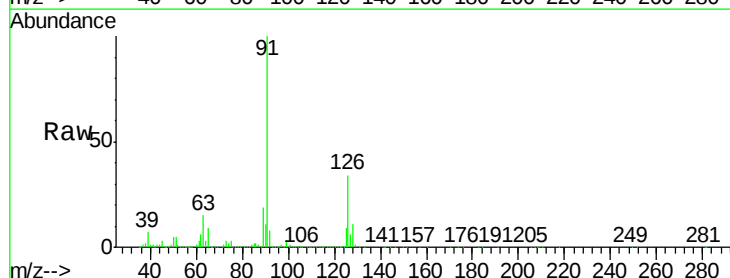
Acq: 19 Aug 2020 18:45

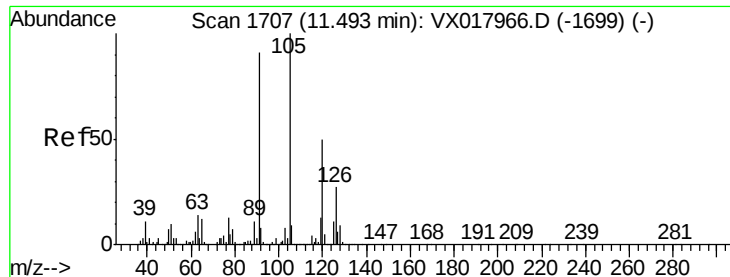
Tgt Ion: 91 Resp: 787956

Ion Ratio Lower Upper

91 100

126 33.9 17.1 51.2





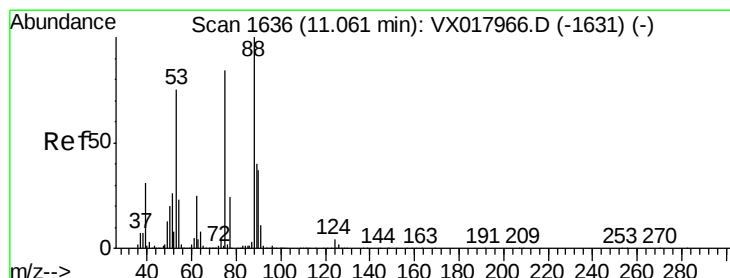
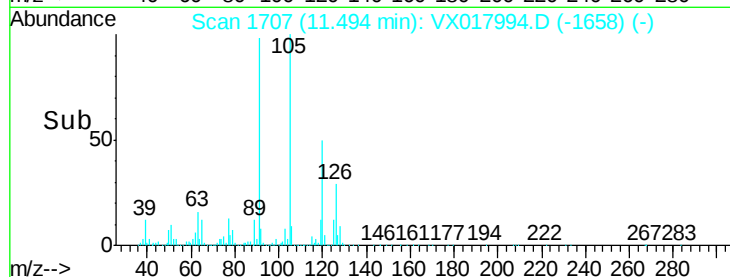
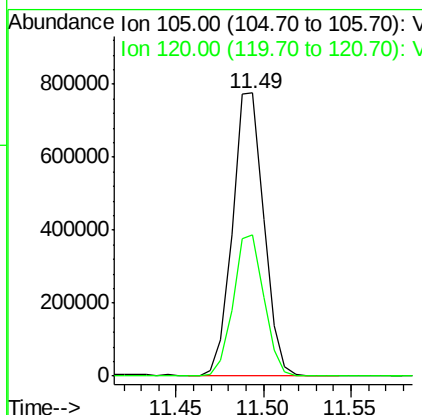
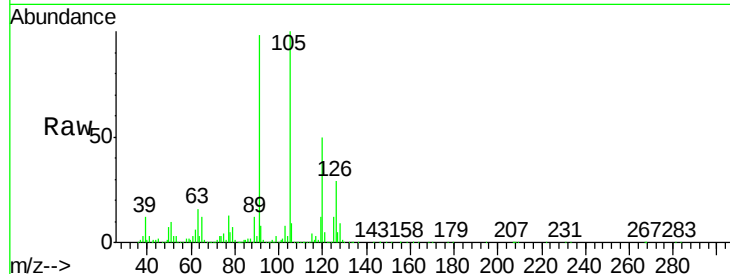
#80
 1,3,5-Trimethylbenzene
 Concen: 52.855 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.4

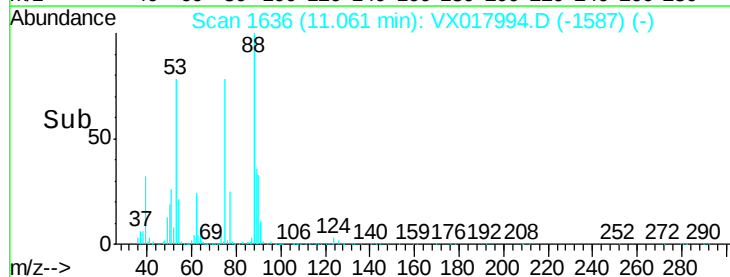
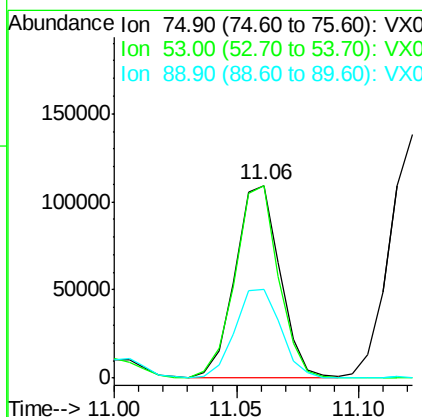
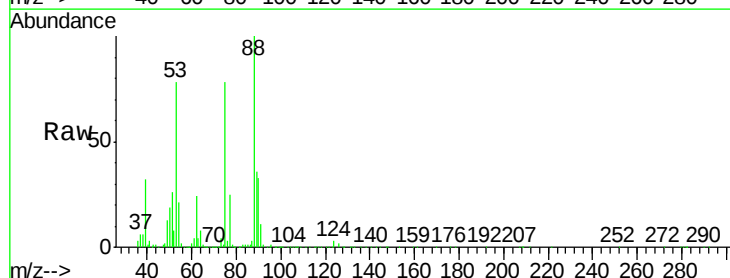
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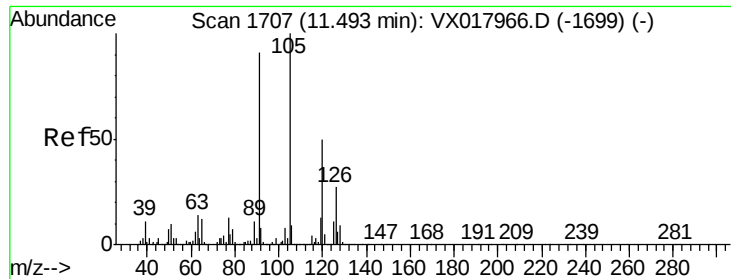
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.863 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.5	75.2	112.8
89	47.1	38.4	57.6





#82

4-Chlorotoluene

Concen: 53.319 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 91 Resp: 933511

Ion Ratio Lower Upper

91 100

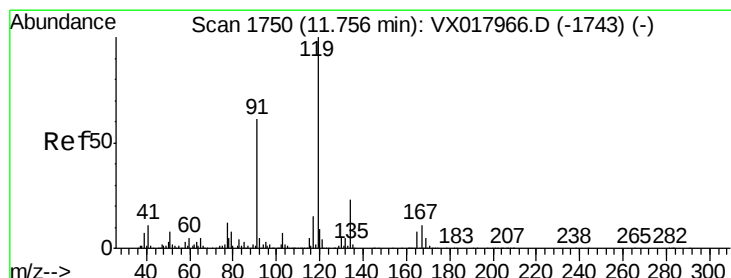
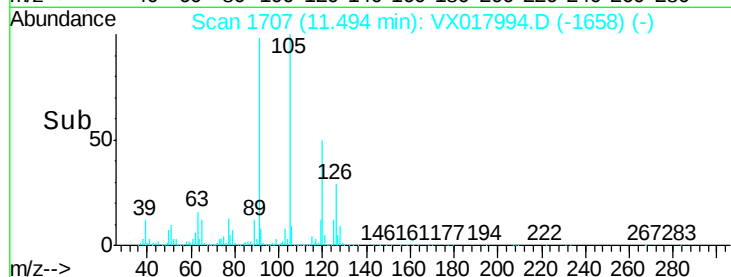
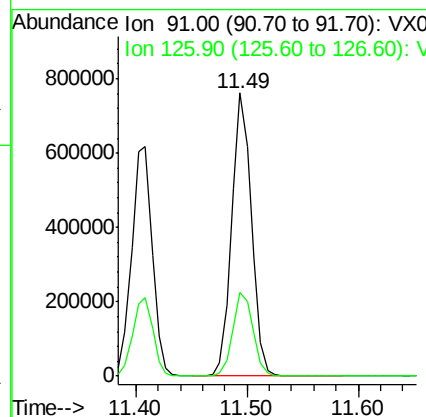
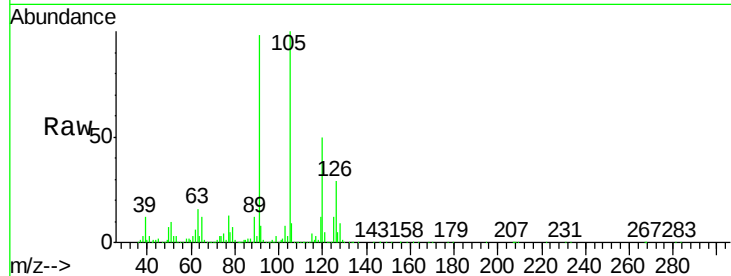
126 30.0 15.0 45.0

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#83

tert-Butylbenzene

Concen: 56.249 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

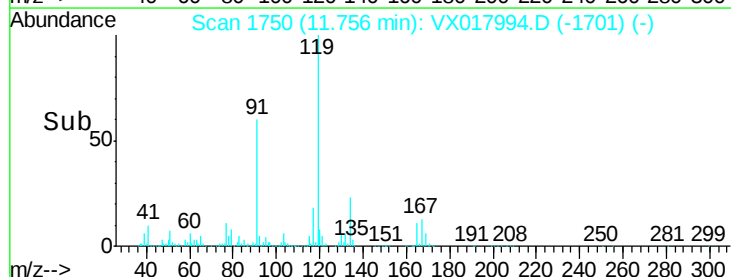
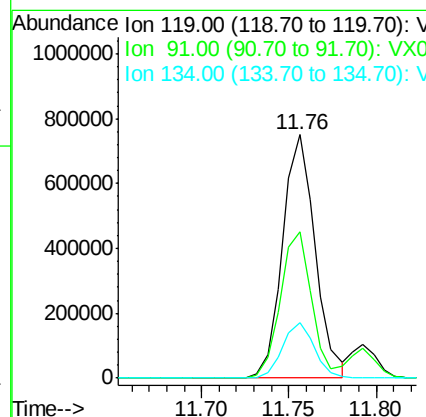
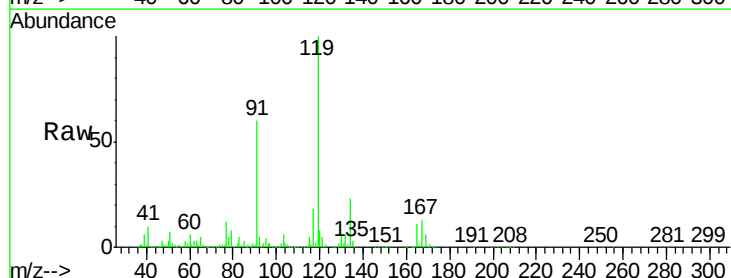
Tgt Ion: 119 Resp: 973924

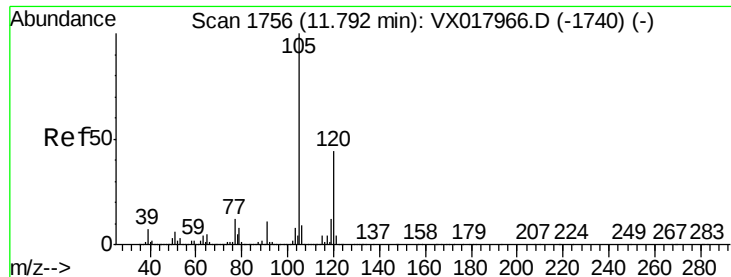
Ion Ratio Lower Upper

119 100

91 57.3 30.1 90.5

134 22.3 11.1 33.1





#84

1,2,4-Trimethylbenzene

Concen: 52.885 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:105 Resp: 1003801

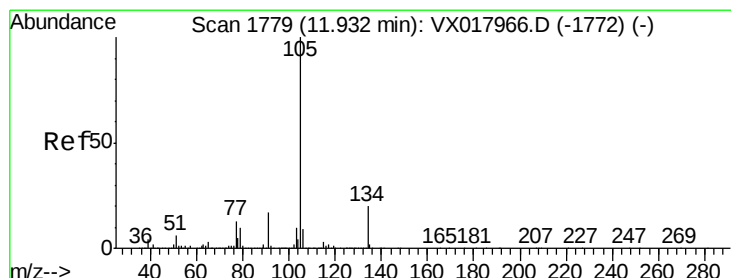
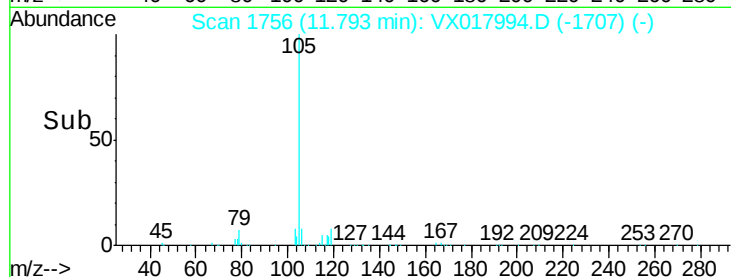
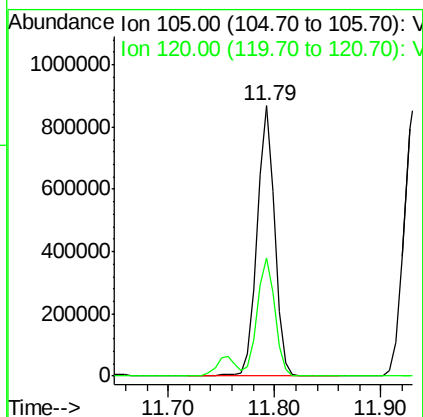
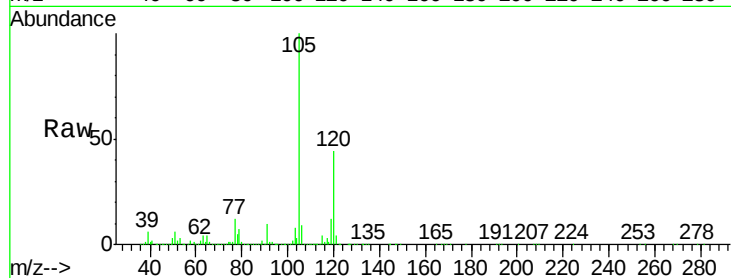
Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.1

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#85

sec-Butylbenzene

Concen: 52.531 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017994.D

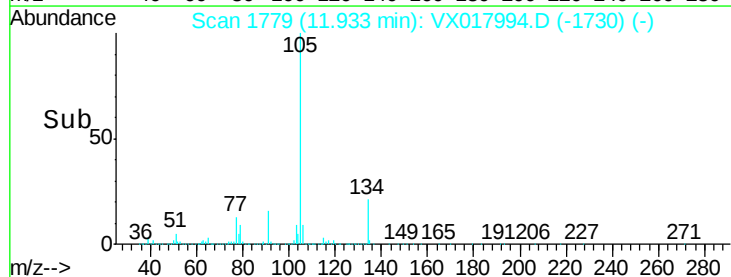
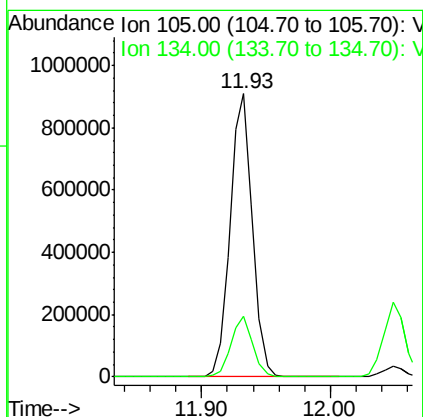
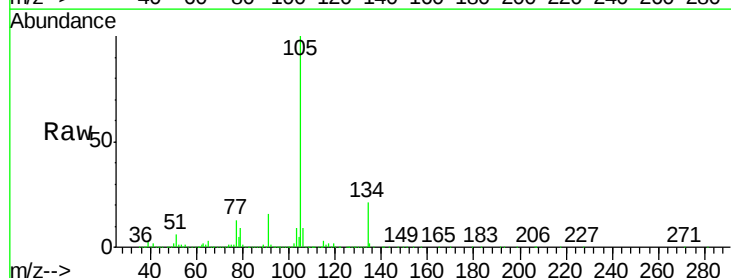
Acq: 19 Aug 2020 18:45

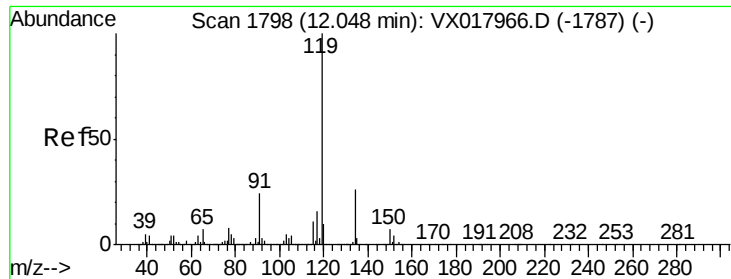
Tgt Ion:105 Resp: 1097965

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9





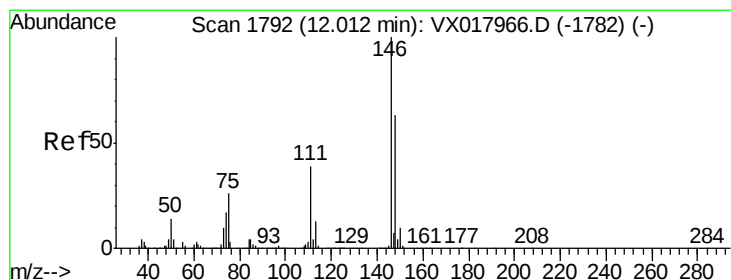
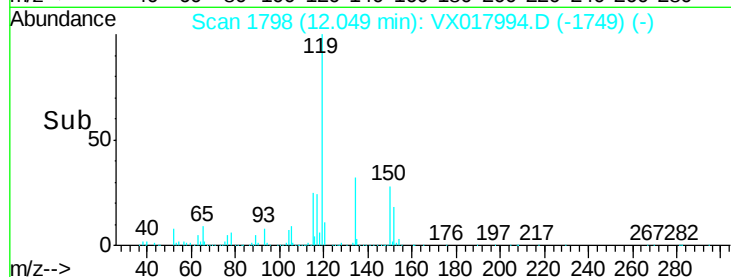
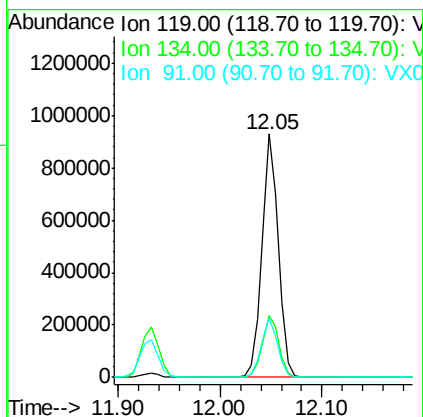
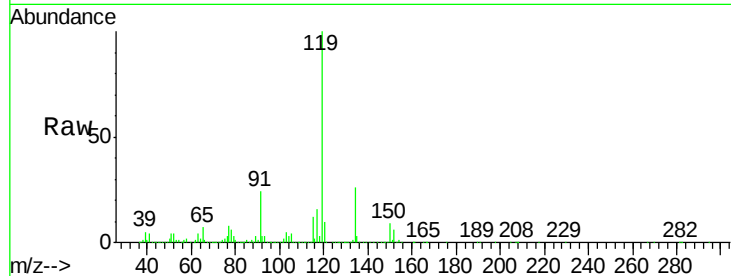
#86
p-Isopropyltoluene
Concen: 54.338 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.7	38.0
91	23.9	12.2	36.4

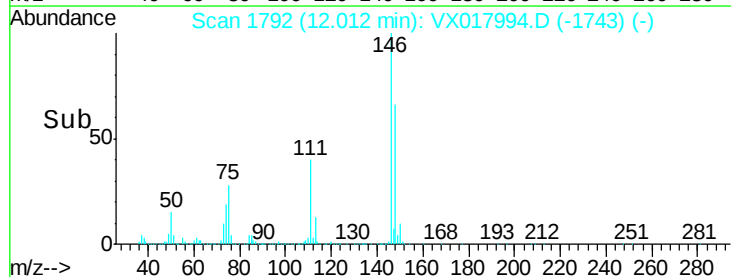
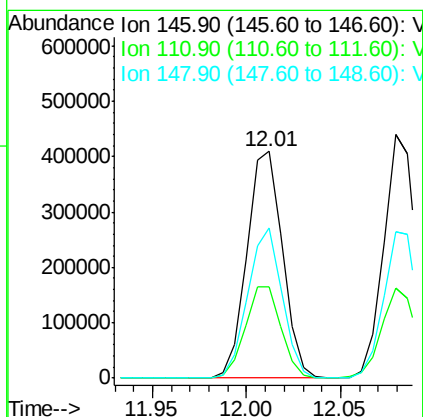
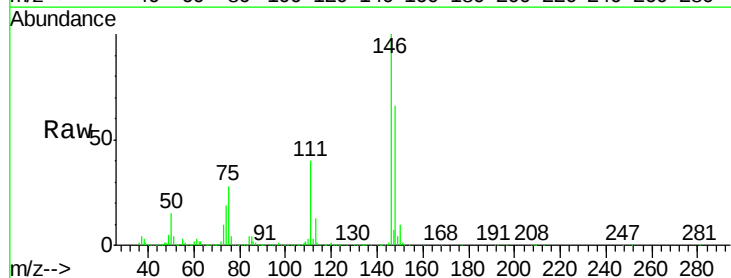
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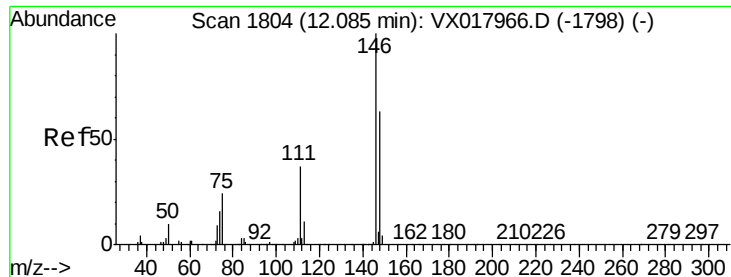
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#87
1,3-Dichlorobenzene
Concen: 50.975 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.3
148	63.9	31.6	95.0





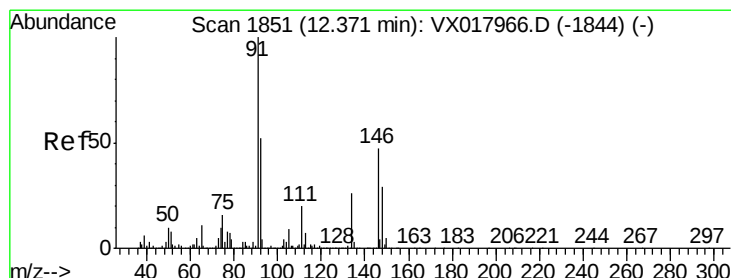
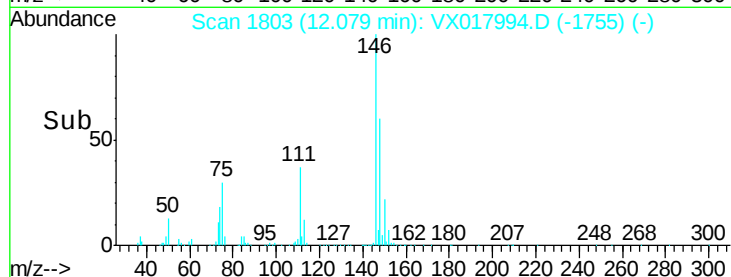
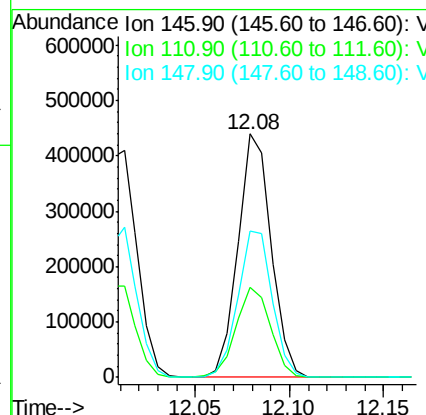
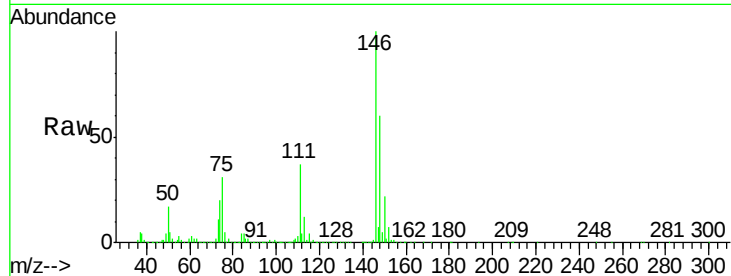
#88
 1,4-Dichlorobenzene
 Concen: 51.968 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion:	146	Resp:	536984
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.7	59.1
148	62.3	31.9	95.7

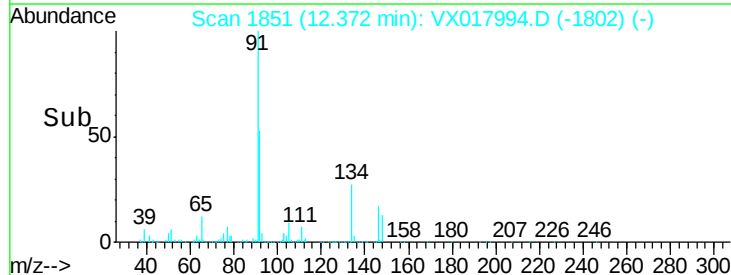
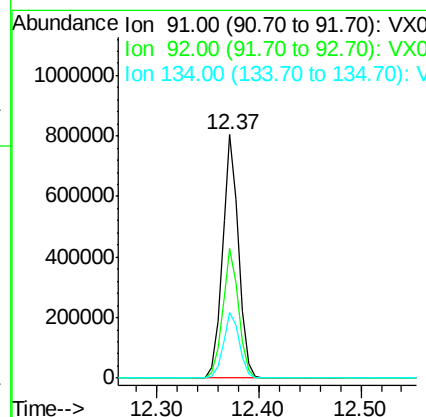
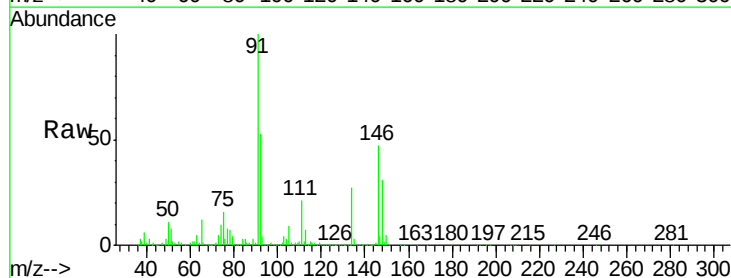
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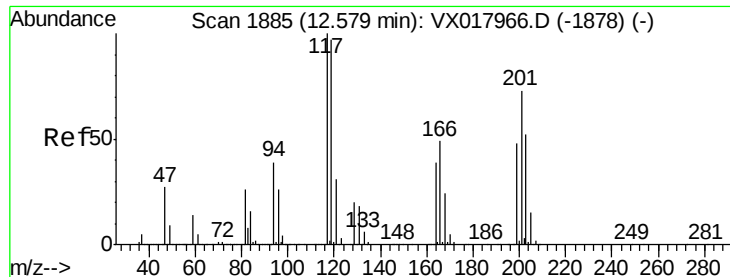
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#89
 n-Butylbenzene
 Concen: 55.116 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion:	91	Resp:	886910
Ion Ratio	Lower	Upper	
91	100		
92	52.8	25.7	77.0
134	27.0	13.4	40.2





#90

Hexachloroethane

Concen: 55.977 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:117 Resp: 216457

Ion Ratio Lower Upper

117 100

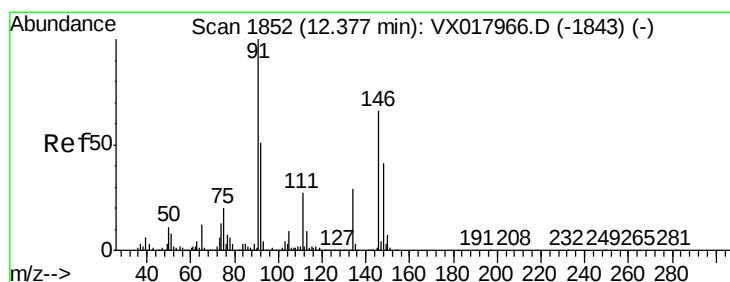
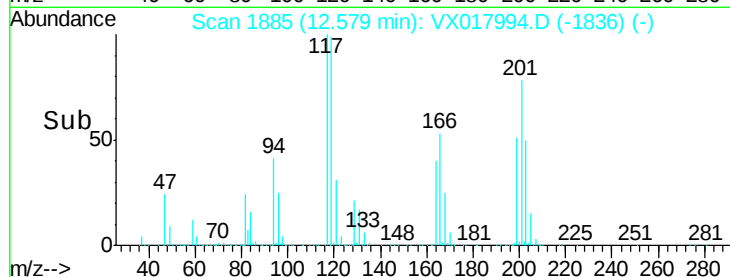
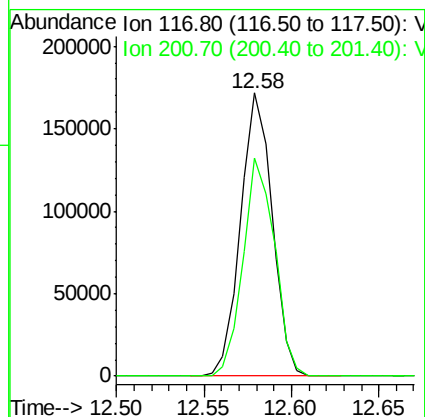
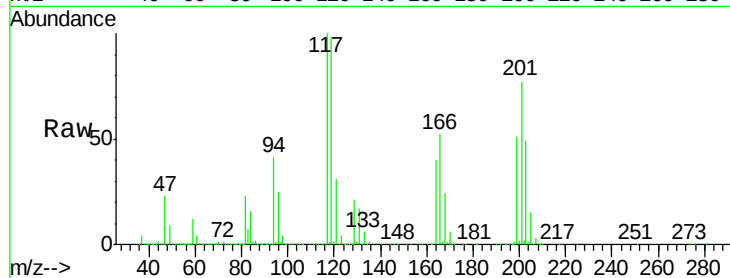
201 77.2 40.8 122.2

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#91

1,2-Dichlorobenzene

Concen: 54.271 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

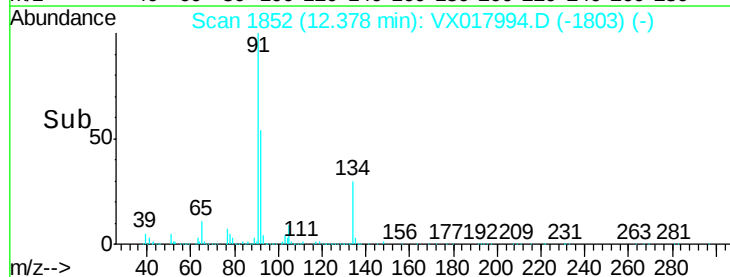
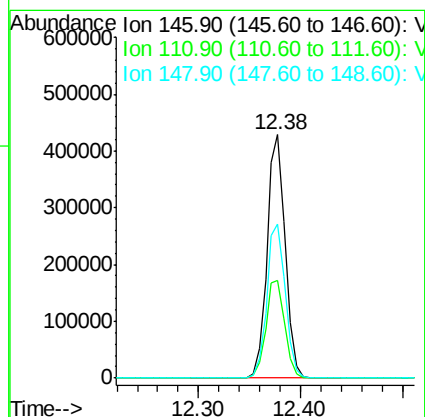
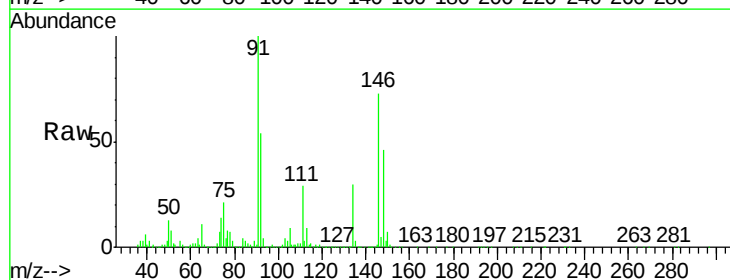
Tgt Ion:146 Resp: 528413

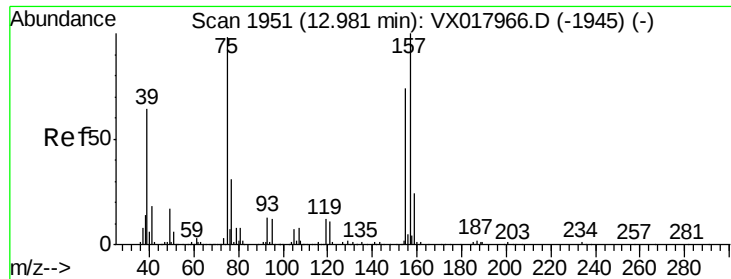
Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 64.9 31.2 93.6





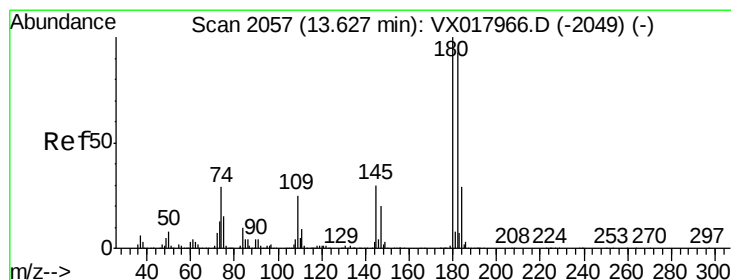
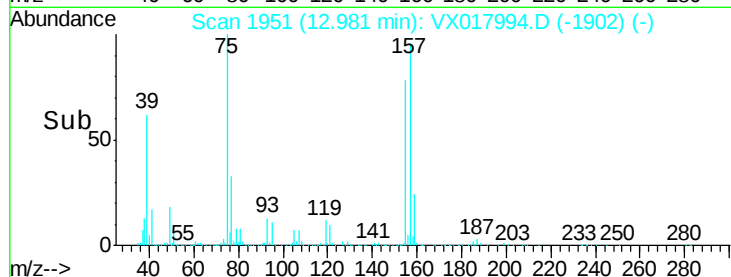
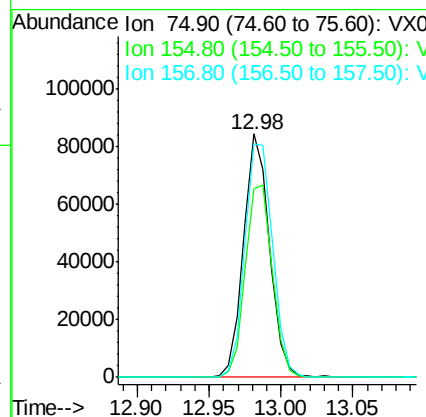
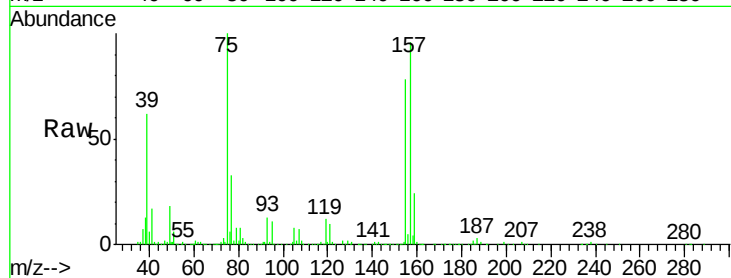
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.102 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	81.9	40.5	121.5
157	102.7	54.4	163.2

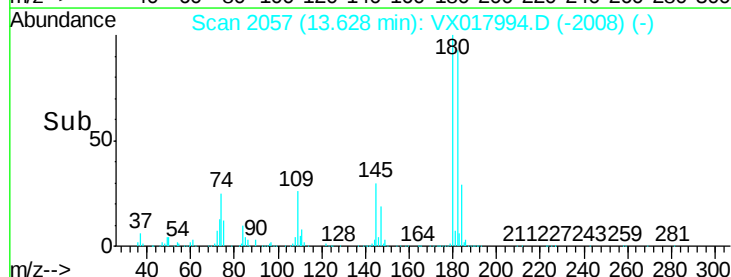
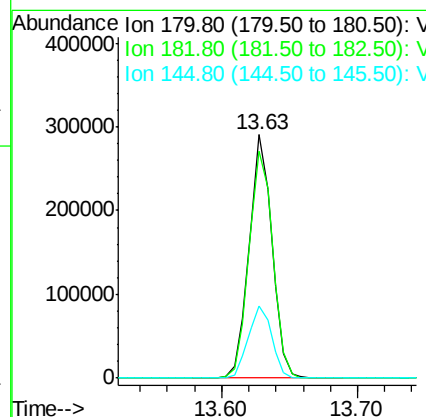
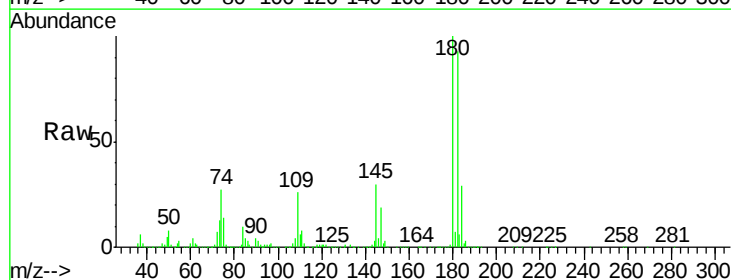
Manual Integrations
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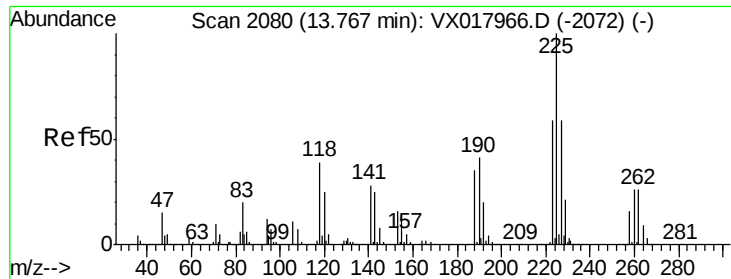
MMDadoda
 8/20/2020 9:17:08 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 53.337 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.8	146.4
145	30.8	16.0	48.0





#94

Hexachlorobutadiene

Concen: 51.811 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

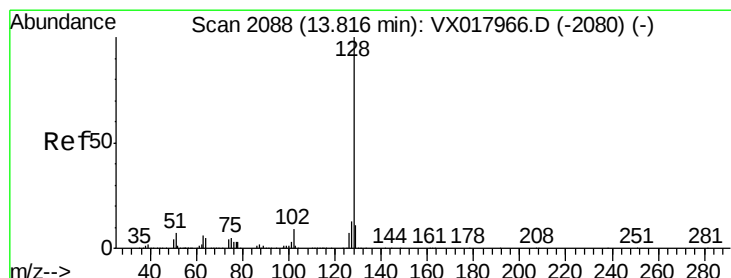
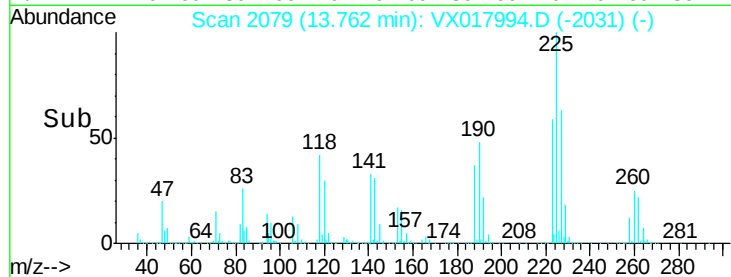
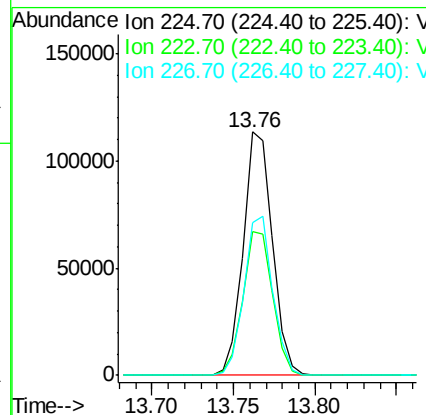
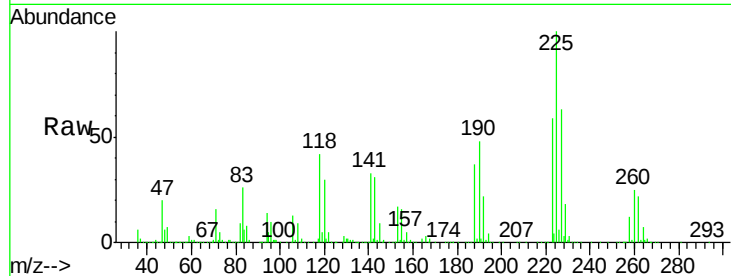
ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:	225	Resp:	141628
Ion Ratio		Lower	Upper
225	100		
223	60.6	32.1	96.3
227	64.2	29.8	89.5

Manual Integrations
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#95

Naphthalene

Concen: 56.133 ug/l

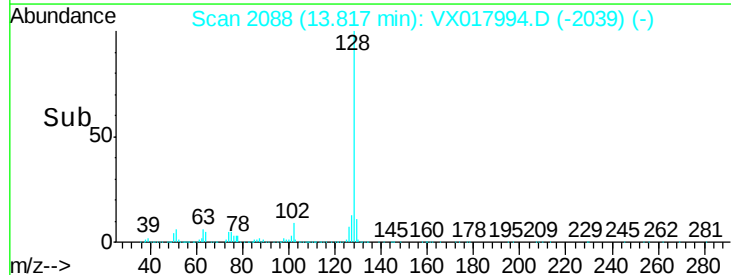
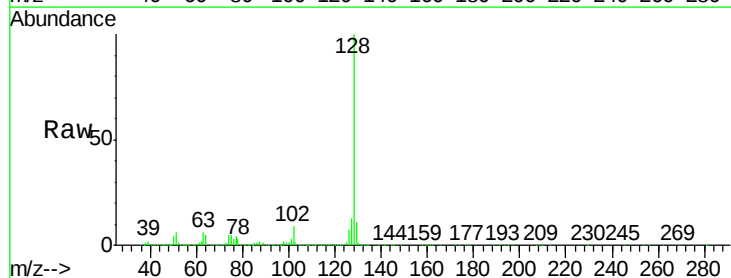
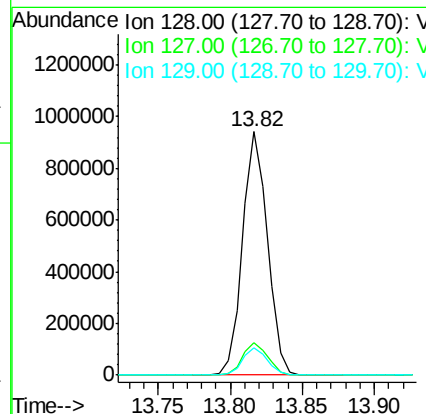
RT: 13.82 min Scan# 2088

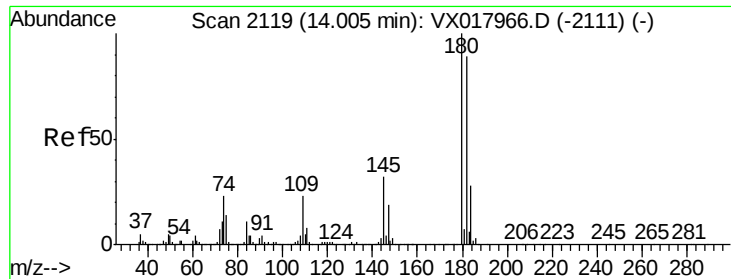
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion:	128	Resp:	1134953
Ion Ratio		Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.1	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 52.471 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.4	46.6	139.8
145	34.0	16.8	50.4

Manual Integrations
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MMDadoda
 8/20/2020 9:17:08 AM

