

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090320\
 Data File : VX018244.D
 Acq On : 03 Sep 2020 18:46
 Operator : JC/SP
 Sample : L3903-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:12 AM

Quant Time: Sep 04 03:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	405074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	638435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	630167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	343308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	290831	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	5.46	113	227268	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	8.70	98	796150	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.12	95	333384	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	245696	49.818	ug/l	98
3) Chloromethane	1.31	50	235383	45.270	ug/l	98
4) Vinyl Chloride	1.39	62	247170	47.754	ug/l	99
5) Bromomethane	1.62	94	138980	55.669	ug/l	95
6) Chloroethane	1.71	64	144871	52.112	ug/l	99
7) Trichlorofluoromethane	1.91	101	401600	56.902	ug/l	99
8) Diethyl Ether	2.17	74	123543	51.616	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	201136	52.714	ug/l	99
10) Methyl Iodide	2.49	142	231028	55.895	ug/l	96
11) Tert butyl alcohol	3.02	59	258860	236.747	ug/l	100
12) 1,1-Dichloroethene	2.36	96	195488	49.384	ug/l	93
13) Acrolein	2.27	56	89856	198.195	ug/l	100
14) Allyl chloride	2.71	41	354920	49.904	ug/l	98
15) Acrylonitrile	3.12	53	619712	249.858	ug/l	99
16) Acetone	2.42	43	544823	248.636	ug/l	97
17) Carbon Disulfide	2.55	76	557916	46.622	ug/l	100
18) Methyl Acetate	2.75	43	276301	52.253	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	722145	53.193	ug/l	98
20) Methylene Chloride	2.84	84	230731	51.533	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	212508	48.454	ug/l	95
22) Diisopropyl ether	3.82	45	719675	51.270	ug/l	92
23) Vinyl Acetate	3.79	43	3008575	240.872	ug/l	100
24) 1,1-Dichloroethane	3.67	63	405721	50.775	ug/l	96
25) 2-Butanone	4.64	43	867416	240.867	ug/l	98
26) 2,2-Dichloropropane	4.55	77	324908	49.975	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	243516	48.191	ug/l	99
28) Bromochloromethane	4.98	49	188829	48.958	ug/l	99
29) Tetrahydrofuran	5.09	42	558797	243.753	ug/l	99
30) Chloroform	5.18	83	435341	52.617	ug/l	100
31) Cyclohexane	5.55	56	320887	47.674	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	405496	53.405	ug/l	99
36) 1,1-Dichloropropene	5.77	75	306749	52.092	ug/l	99
37) Ethyl Acetate	4.80	43	320943	46.927	ug/l	99
38) Carbon Tetrachloride	5.76	117	376457	56.728	ug/l	96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321908	49.994	ug/l	97
40) Benzene	6.11	78	880120	50.865	ug/l	99
41) Methacrylonitrile	5.00	41	185696	49.450	ug/l	98
42) 1,2-Dichloroethane	6.16	62	366613	55.301	ug/l	98
43) Isopropyl Acetate	6.41	43	526146	47.630	ug/l	99
44) Trichloroethene	7.19	130	250240	51.183	ug/l	94
45) 1,2-Dichloropropane	7.49	63	241654	51.819	ug/l	94
46) Dibromomethane	7.63	93	169814	51.782	ug/l	99
47) Bromodichloromethane	7.88	83	357257	54.560	ug/l	95
48) Methyl methacrylate	7.74	41	280734	51.051	ug/l	98
49) 1,4-Dioxane	7.71	88	86462	867.992	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1763240	258.403	ug/l	99
52) Toluene	8.77	92	569899	51.942	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	386676	53.282	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	385866	50.193	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	243719	52.084	ug/l	99
56) Ethyl methacrylate	9.16	69	369403	53.103	ug/l	98
57) 1,3-Dichloropropane	9.35	76	399079	51.708	ug/l	99
59) 2-Hexanone	9.48	43	1352906	260.747	ug/l	100
60) Dibromochloromethane	9.57	129	300904	54.816	ug/l	100
61) 1,2-Dibromoethane	9.65	107	266577	52.473	ug/l	99
64) Tetrachloroethene	9.32	164	221569	47.846	ug/l	93
65) Chlorobenzene	10.12	112	631529	50.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	258197	52.051	ug/l	96
67) Ethyl Benzene	10.24	91	1114293	52.061	ug/l	99
68) m/p-Xylenes	10.34	106	847705	106.112	ug/l	97
69) o-Xylene	10.68	106	405814	52.402	ug/l	97
70) Stvrene	10.70	104	722635	54.794	ug/l	99
71) Bromoform	10.84	173	231775	54.779	ug/l	100
73) Isopropylbenzene	11.00	105	1117309	49.340	ug/l	98
74) N-amyl acetate	10.88	43	473162	44.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	369860	46.300	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	349302m	45.738	ug/l	
77) Bromobenzene	11.24	156	298485	47.685	ug/l	98
78) n-propylbenzene	11.34	91	1293689	50.314	ug/l	99
79) 2-Chlorotoluene	11.40	91	799031	50.299	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	983212	52.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	127074	44.940	ug/l	96
82) 4-Chlorotoluene	11.49	91	950340	50.323	ug/l	100
83) tert-Butylbenzene	11.76	119	949553	51.707	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	996227	52.364	ug/l	100
85) sec-Butylbenzene	11.93	105	1082440	51.832	ug/l	100
86) p-Isopropyltoluene	12.05	119	1011413	52.724	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	527975	48.041	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	537252	48.824	ug/l	96
89) n-Butylbenzene	12.37	91	885773	50.590	ug/l	99
90) Hexachloroethane	12.58	117	196560	52.080	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	513410	49.628	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94866	47.495	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	331279	48.023	ug/l	99

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SA-PZ123S-20200902MSD

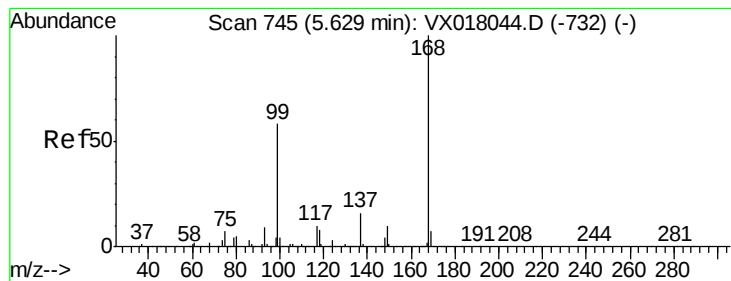
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	134553	49.451	ug/l	97
95) Naphthalene	13.82	128	1109340	48.863	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	328796	48.237	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:168 Resp: 405074

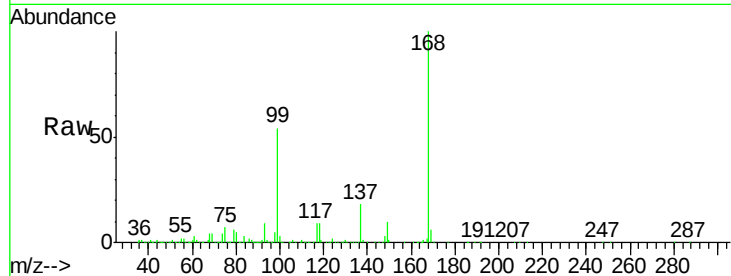
Ion Ratio Lower Upper

168 100

99 54.1 46.3 69.5

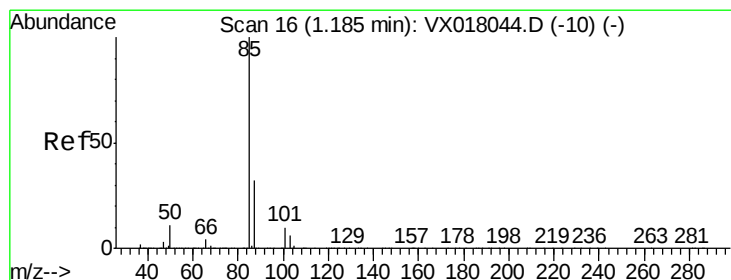
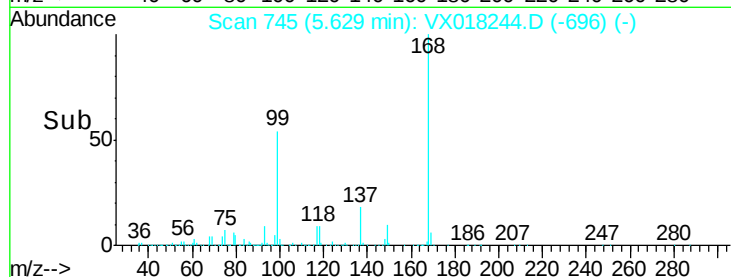
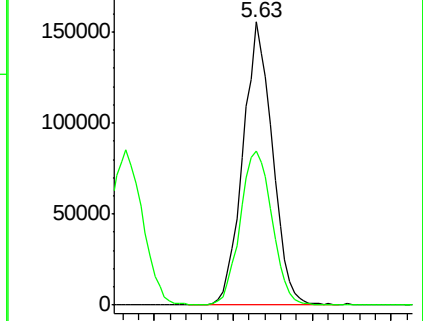
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.818 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018244.D

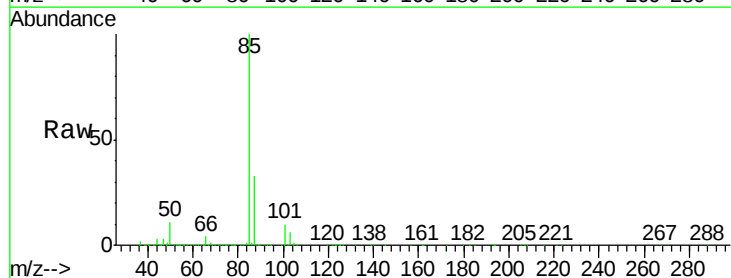
Acq: 03 Sep 2020 18:46

Tgt Ion: 85 Resp: 245696

Ion Ratio Lower Upper

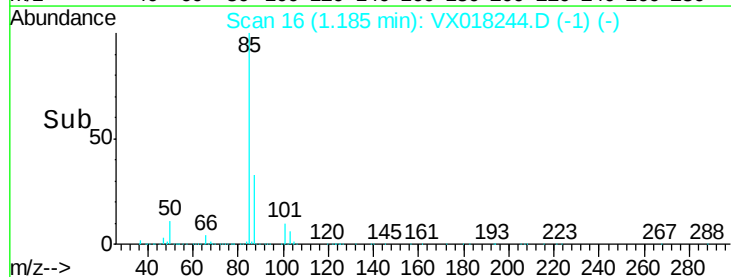
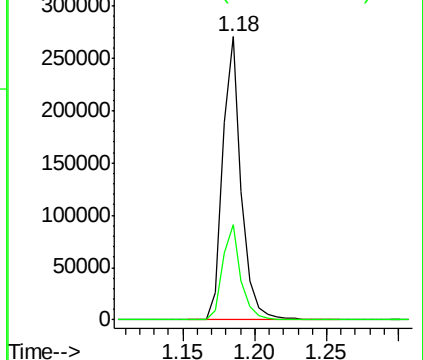
85 100

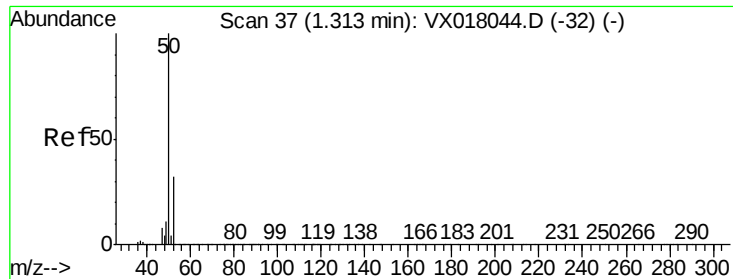
87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.270 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion: 50 Resp: 235383

Ion Ratio Lower Upper

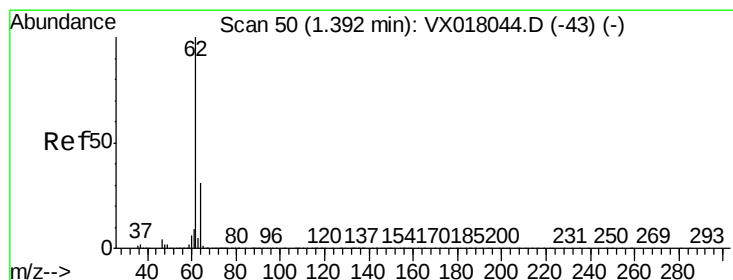
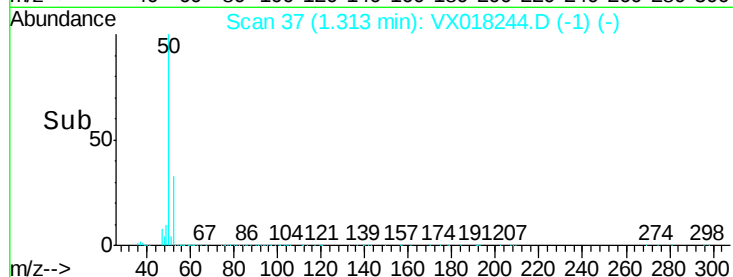
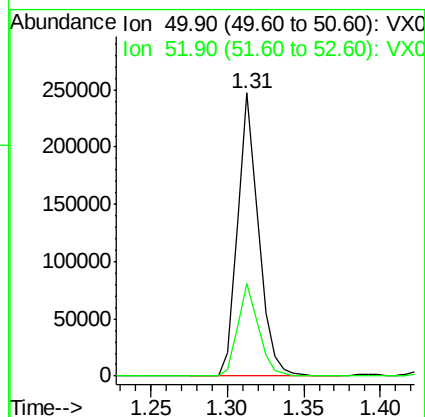
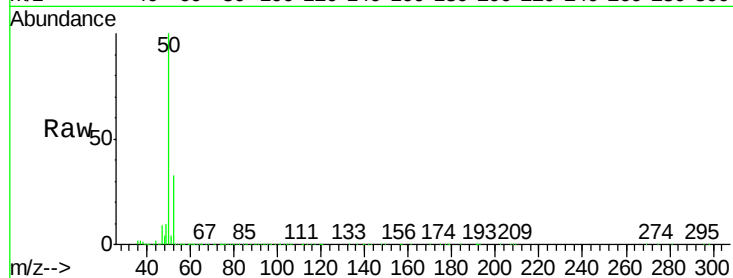
50 100

52 32.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 47.754 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018244.D

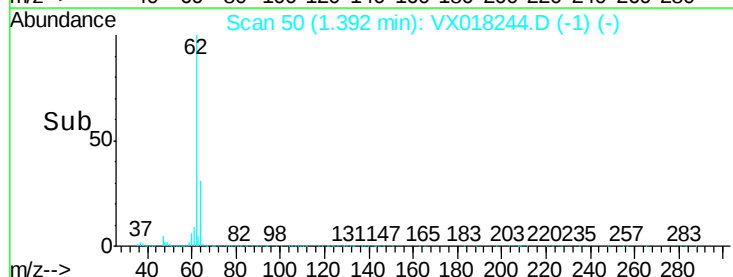
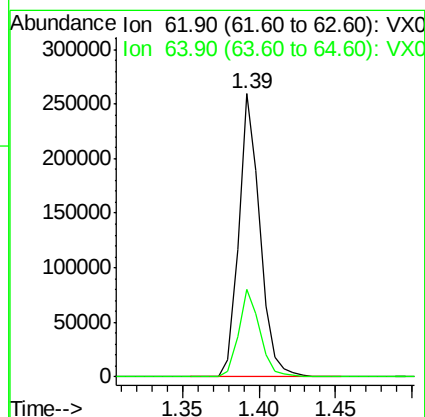
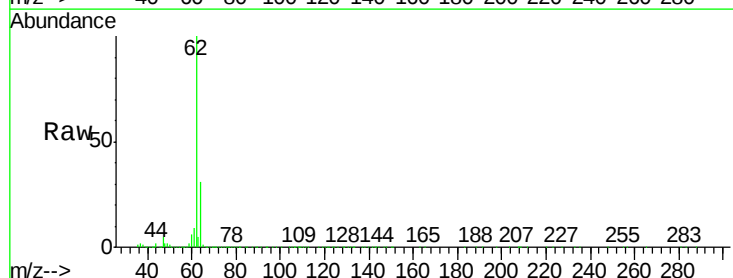
Acq: 03 Sep 2020 18:46

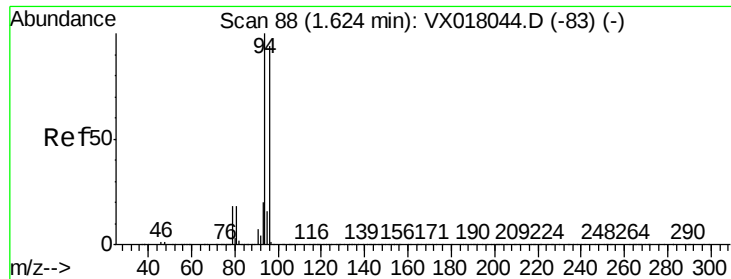
Tgt Ion: 62 Resp: 247170

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 55.669 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

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ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion: 94 Resp: 138980

Ion Ratio Lower Upper

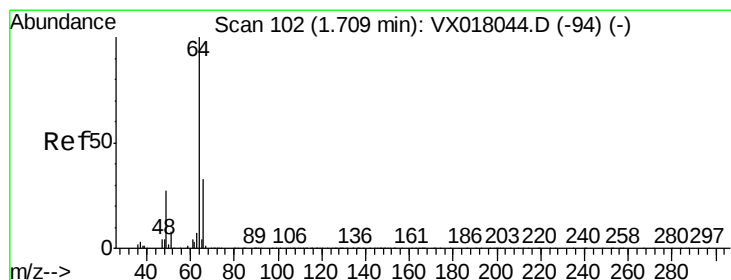
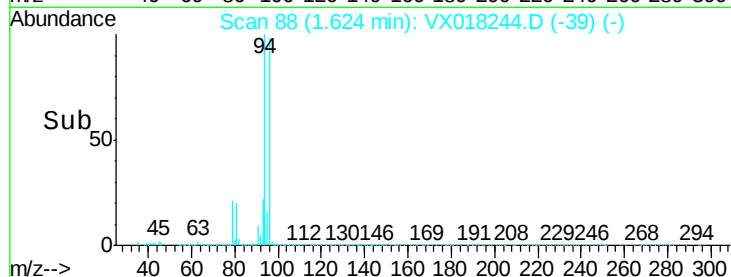
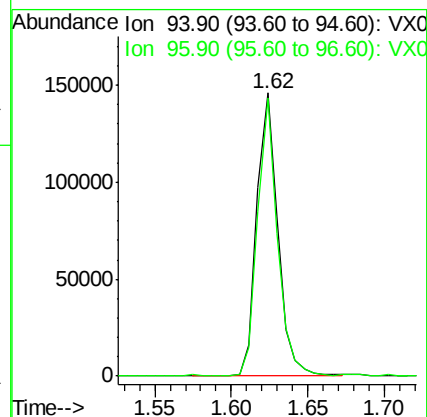
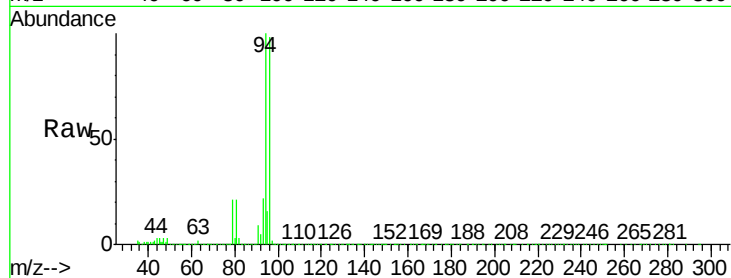
94 100

96 98.1 74.8 112.2

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#6

Chloroethane

Concen: 52.112 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018244.D

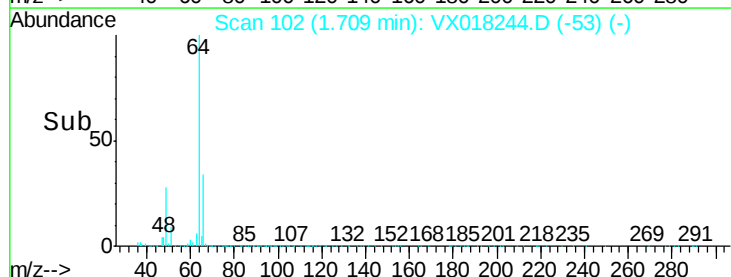
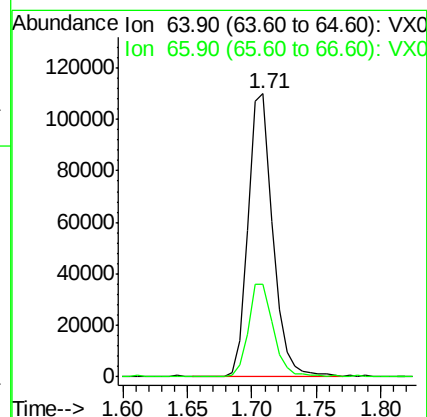
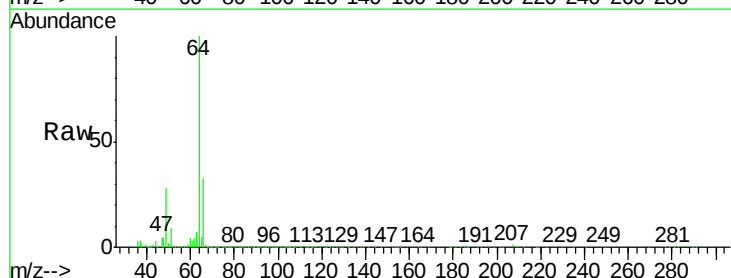
Acq: 03 Sep 2020 18:46

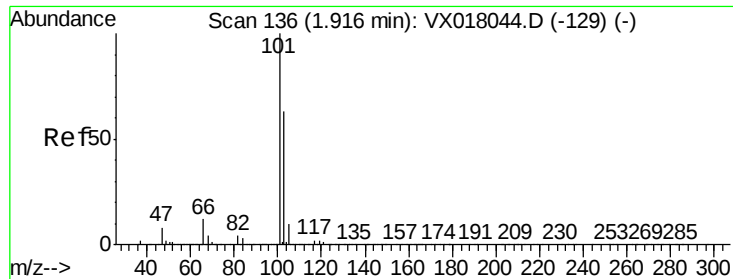
Tgt Ion: 64 Resp: 144871

Ion Ratio Lower Upper

64 100

66 32.7 26.6 39.8





#7

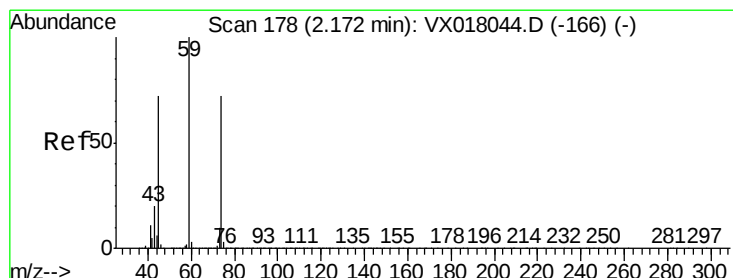
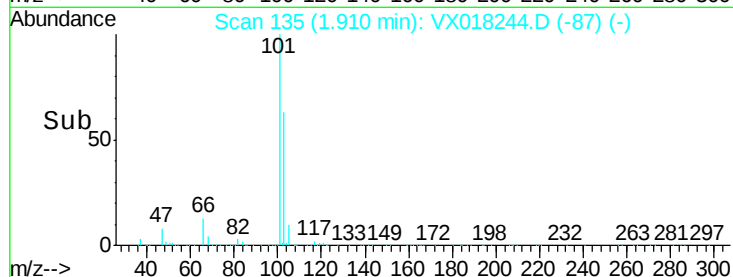
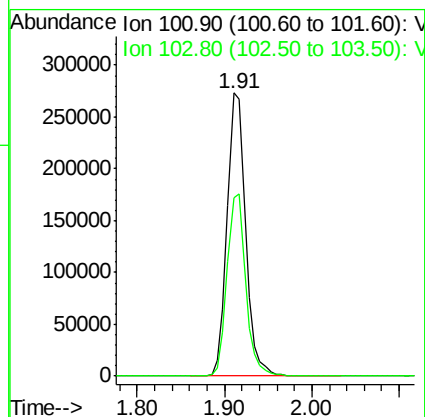
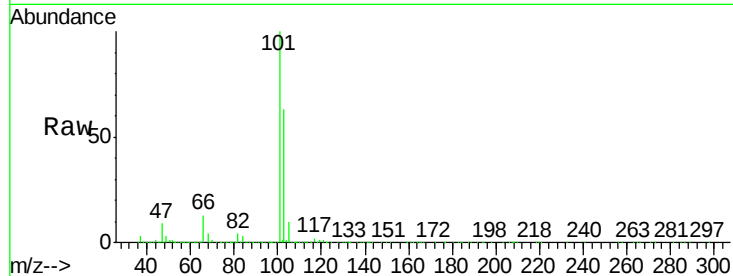
Trichlorofluoromethane
Concen: 56.902 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.7	76.1

Manual Integrations
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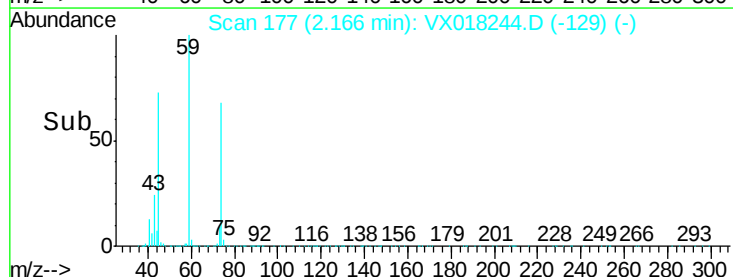
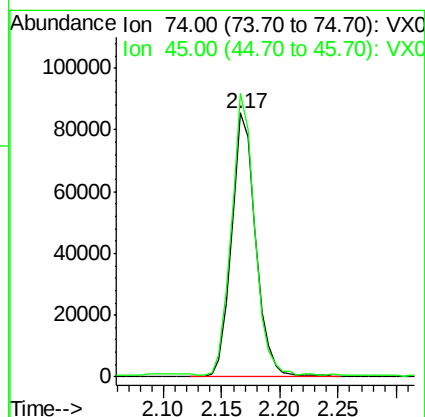
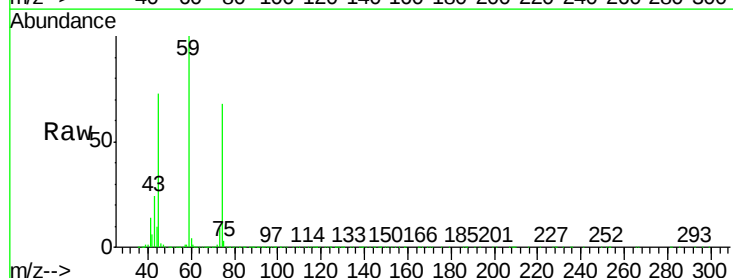
MMDadoda
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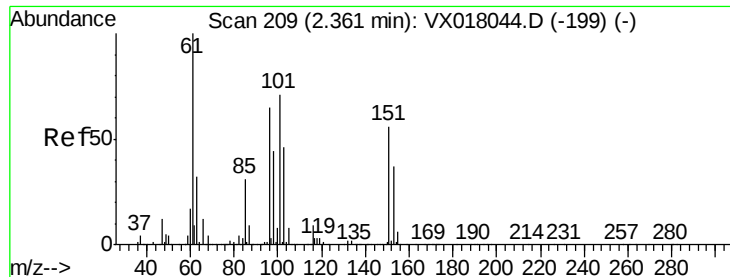


#8

Diethyl Ether
Concen: 51.616 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.714 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

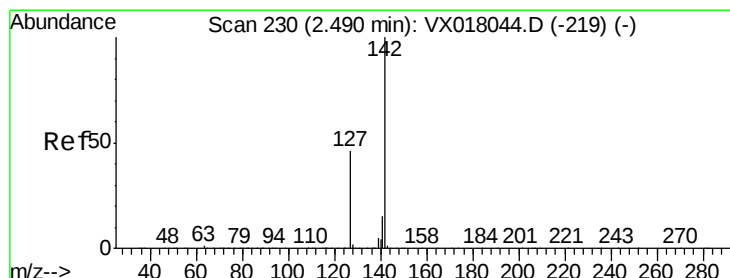
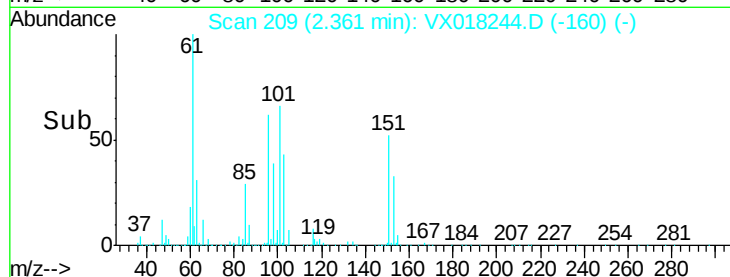
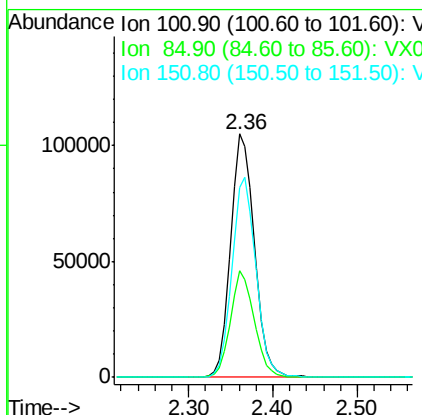
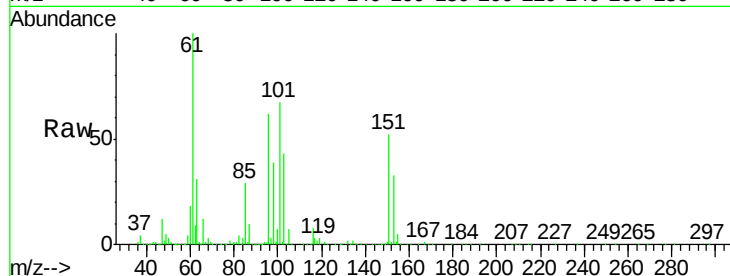
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:	101	Resp:	201136
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.0	51.0
151	82.3	65.2	97.8

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#10

Methyl Iodide

Concen: 55.895 ug/l

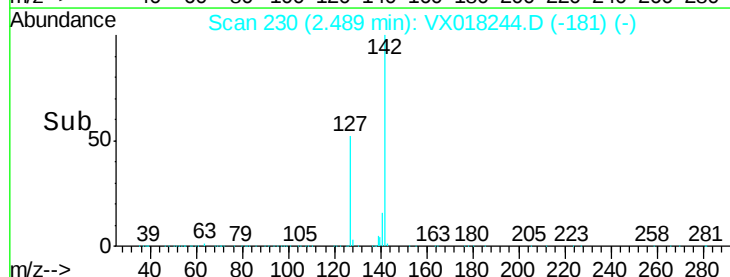
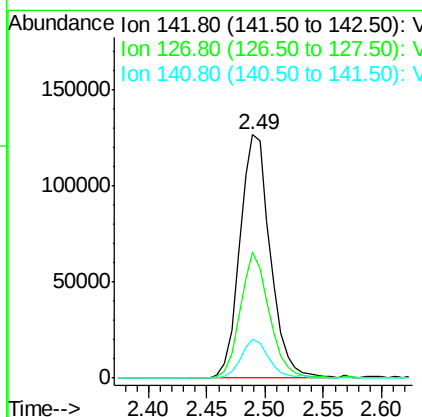
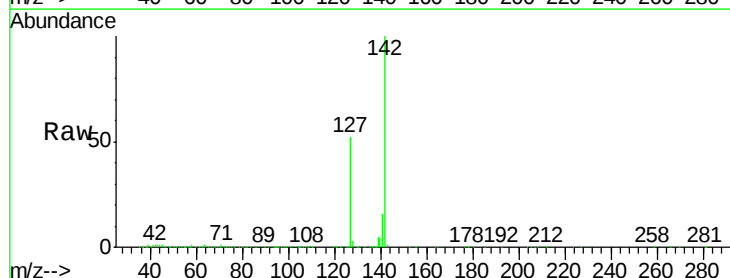
RT: 2.49 min Scan# 230

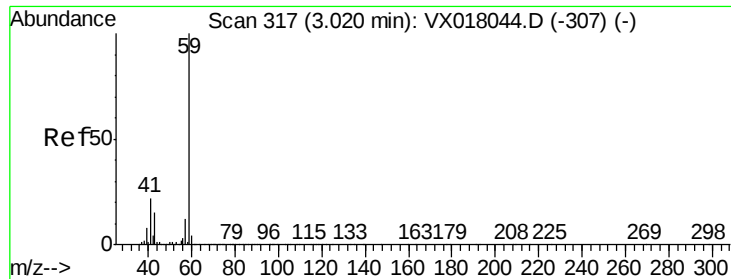
Delta R.T. 0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion:	142	Resp:	231028
Ion Ratio	Lower	Upper	
142	100		
127	49.3	37.0	55.6
141	14.8	11.5	17.3





#11

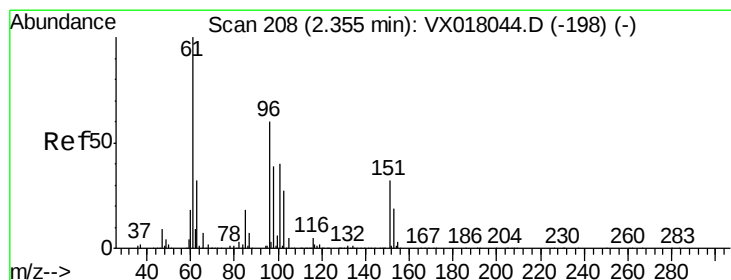
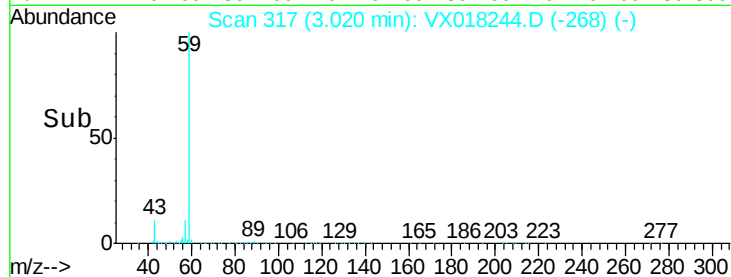
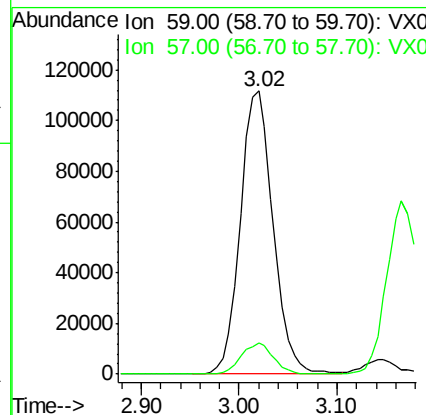
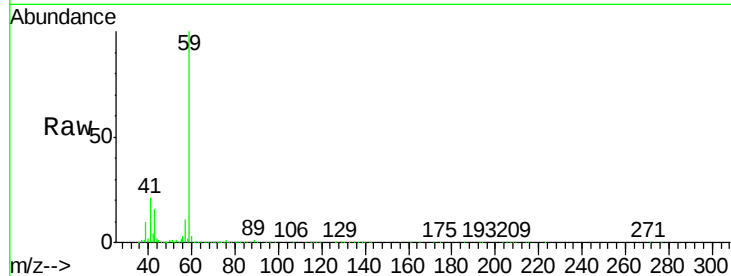
Tert butyl alcohol
Concen: 236.747 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.9	13.3

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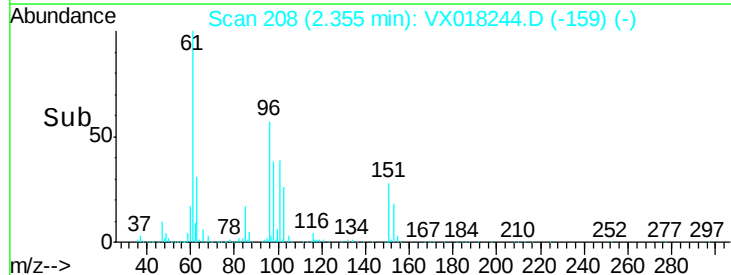
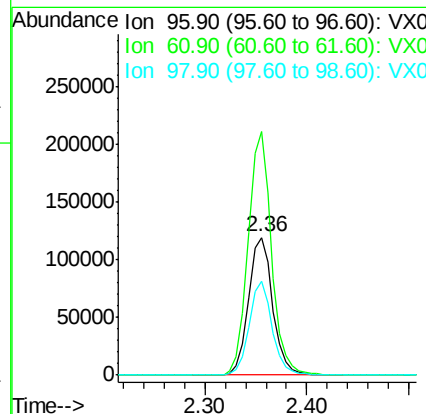
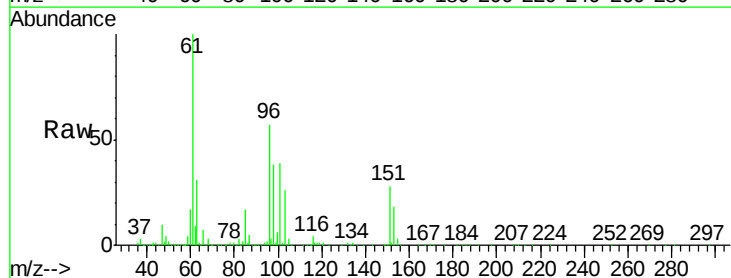
MMDadoda
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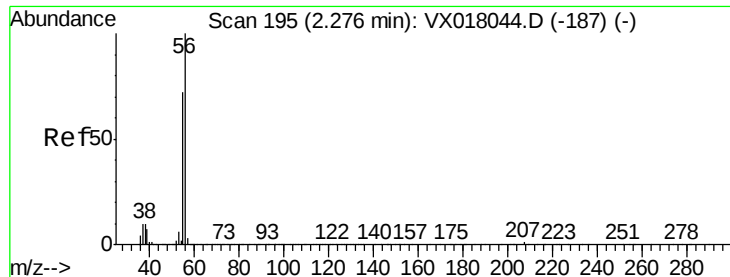


#12

1,1-Dichloroethene
Concen: 49.384 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.8	133.0	199.4
98	67.8	51.6	77.4





#13

Acrolein

Concen: 198.195 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion: 56 Resp: 89856

Ion Ratio Lower Upper

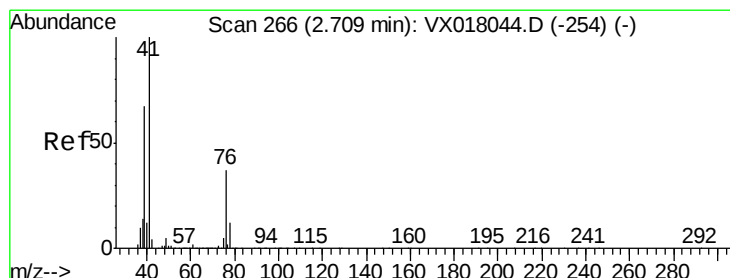
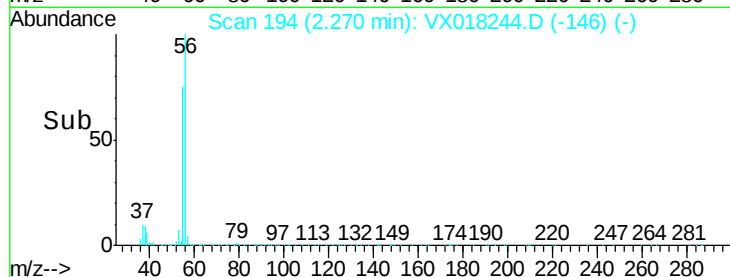
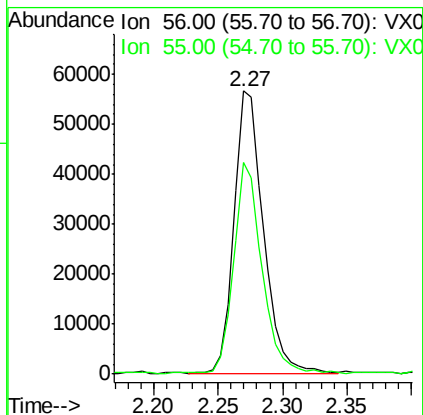
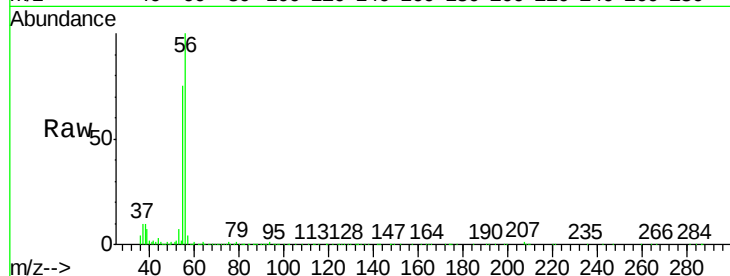
56 100

55 71.5 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 49.904 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

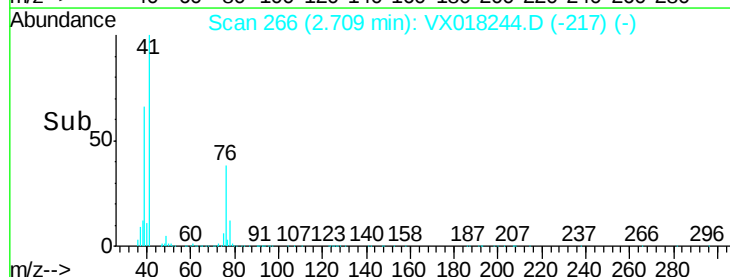
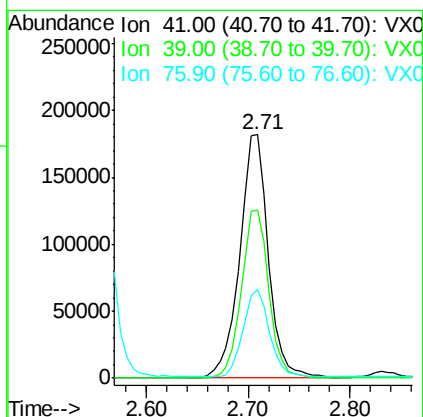
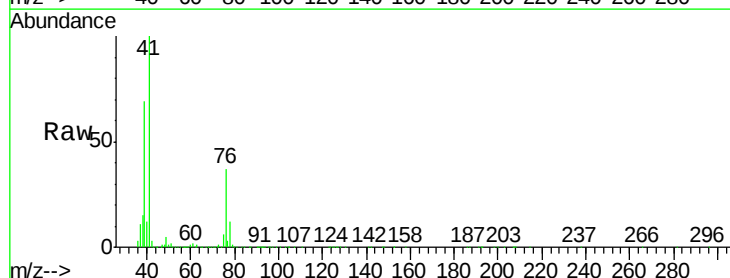
Tgt Ion: 41 Resp: 354920

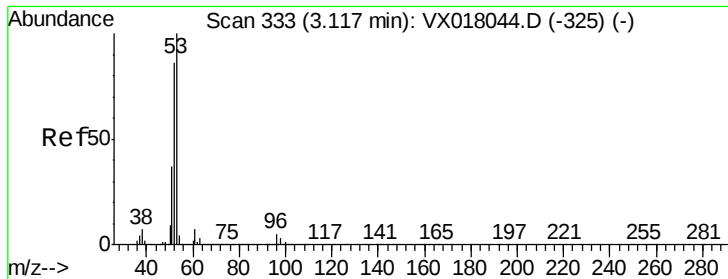
Ion Ratio Lower Upper

41 100

39 65.6 50.6 76.0

76 33.0 26.2 39.2





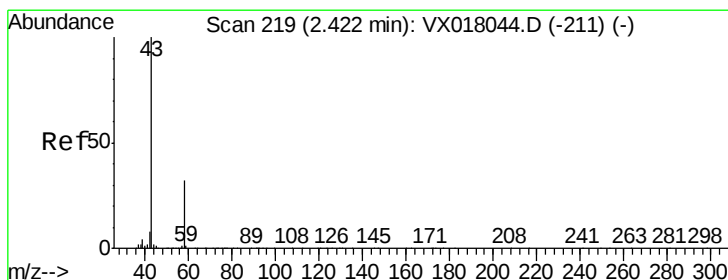
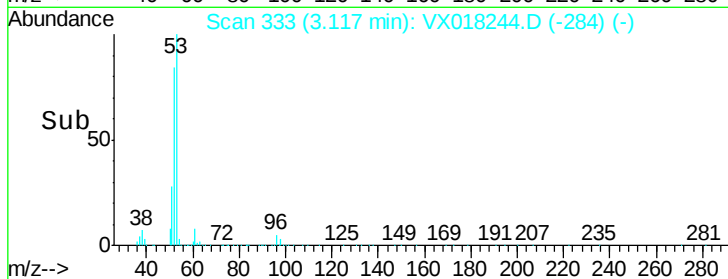
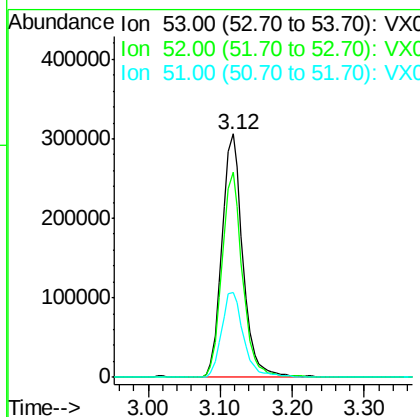
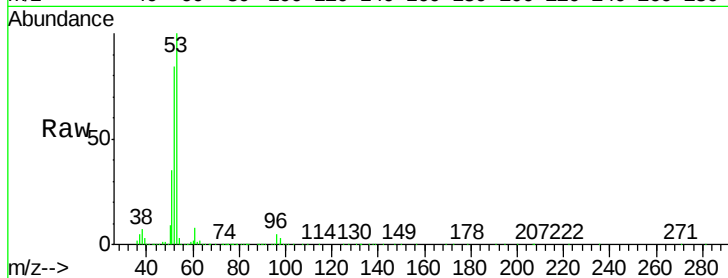
#15
 Acrylonitrile
 Concen: 249.858 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion:	53	Resp:	619712
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.9	100.3
51	36.7	28.7	43.1

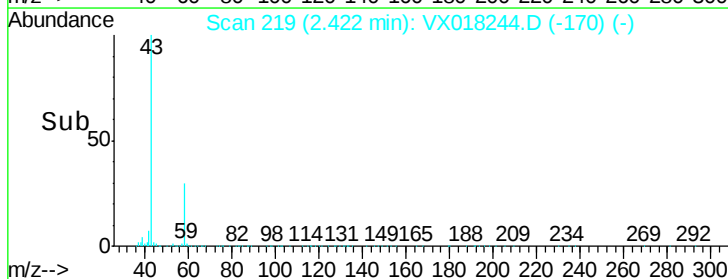
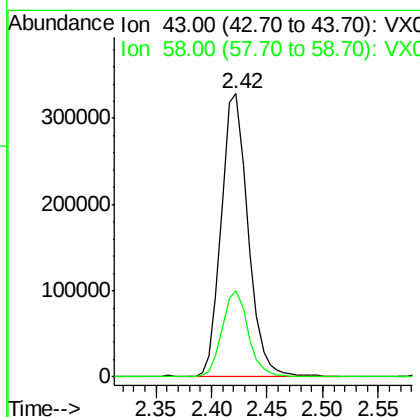
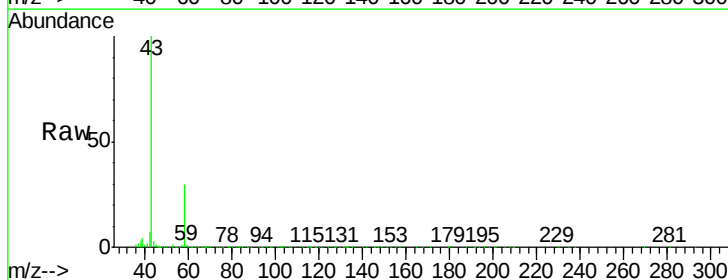
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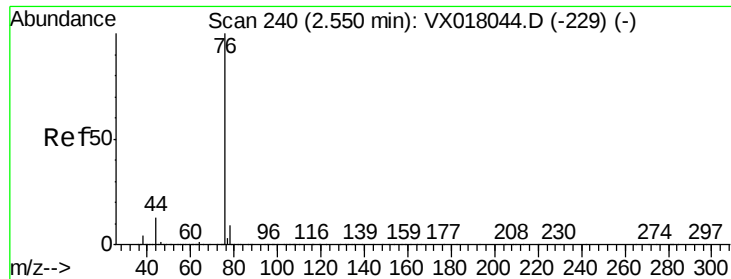
MMDadoda
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#16
 Acetone
 Concen: 248.636 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion:	43	Resp:	544823
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.5	38.3





#17

Carbon Disulfide

Concen: 46.622 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion: 76 Resp: 557916

Ion Ratio Lower Upper

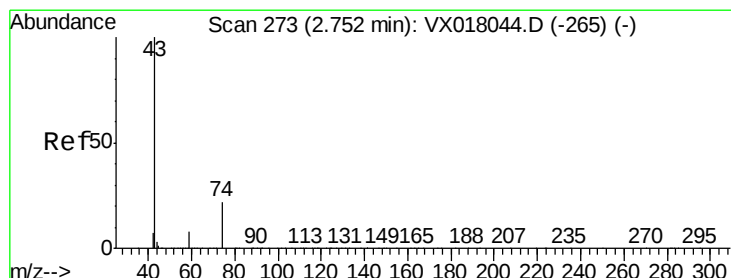
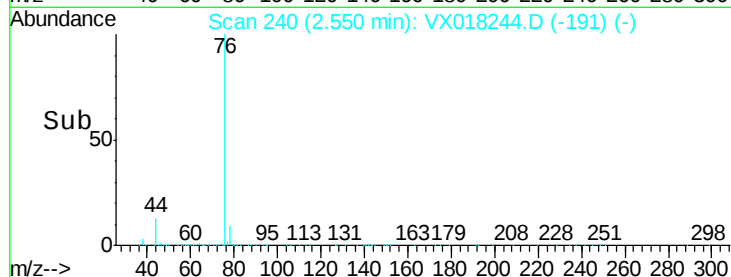
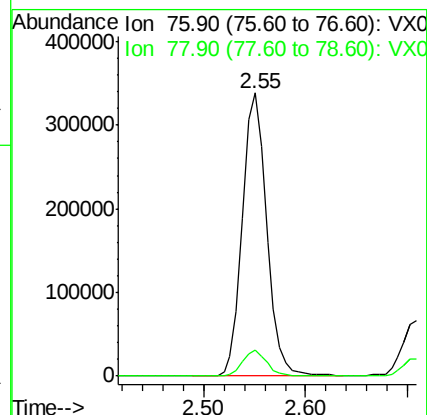
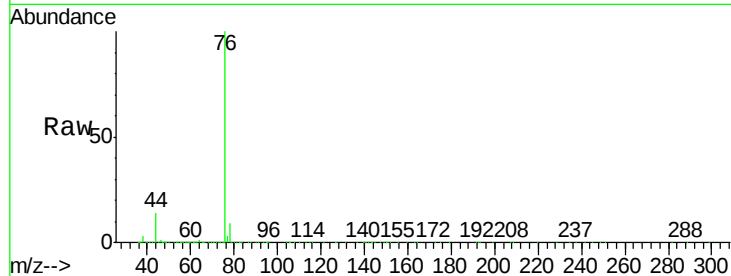
76 100

78 9.2 7.4 11.0

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#18

Methyl Acetate

Concen: 52.253 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018244.D

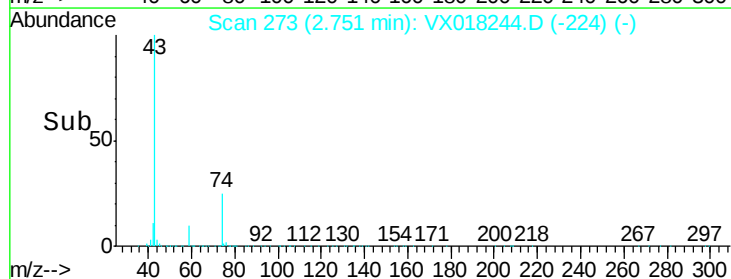
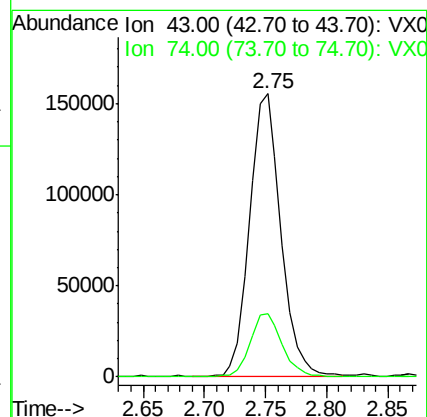
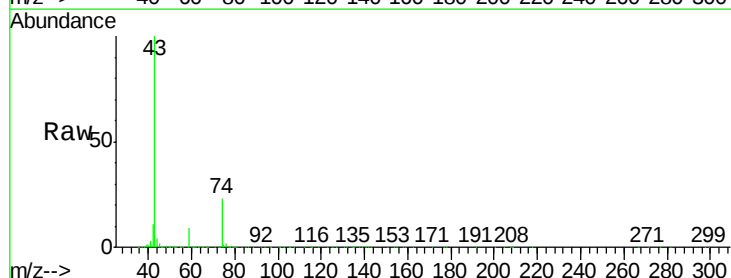
Acq: 03 Sep 2020 18:46

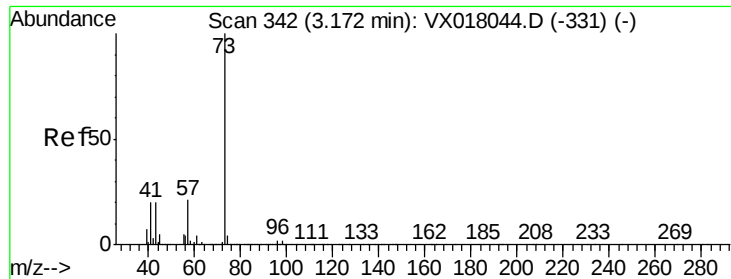
Tgt Ion: 43 Resp: 276301

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4





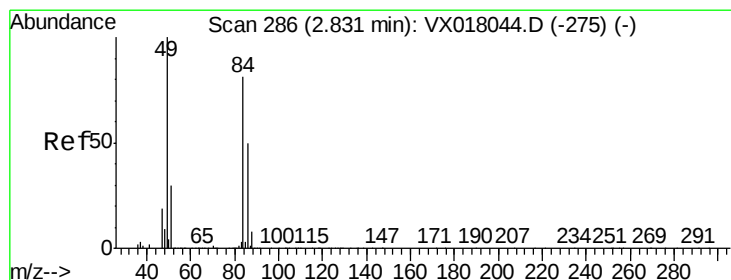
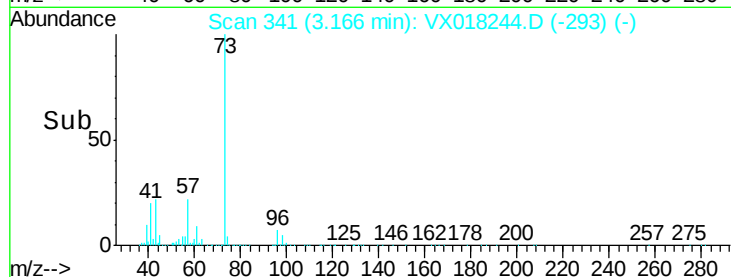
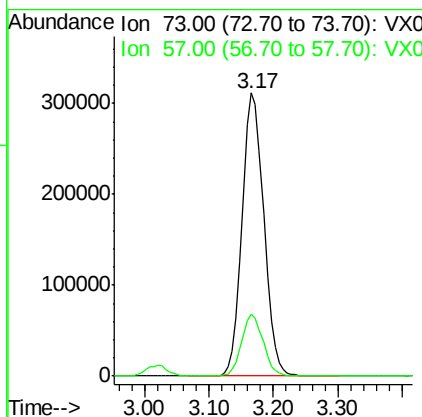
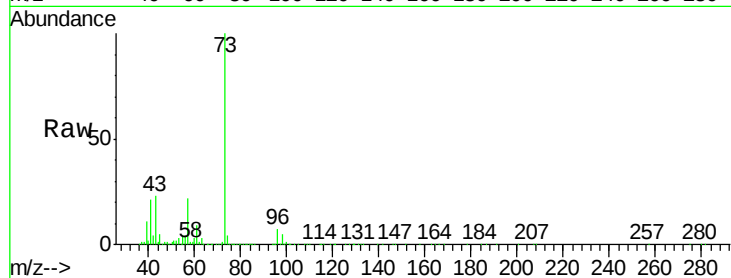
#19
Methvl tert-butvl Ether
Concen: 53.193 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.8	25.2

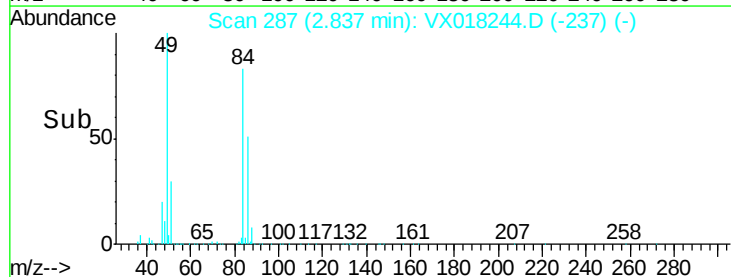
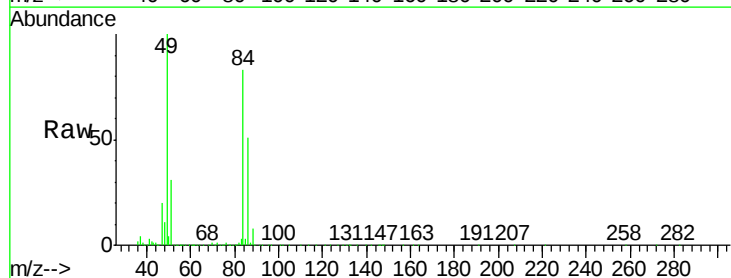
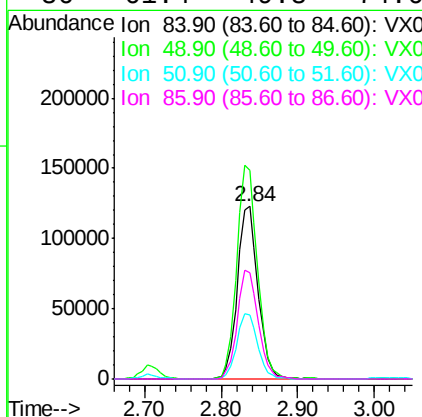
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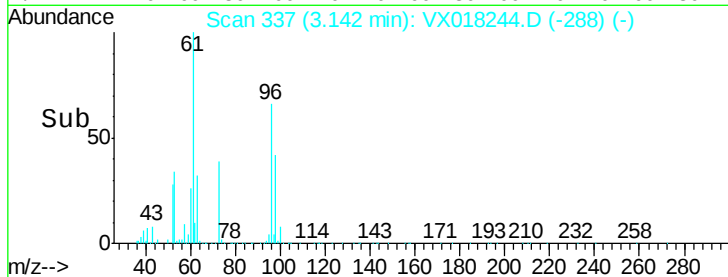
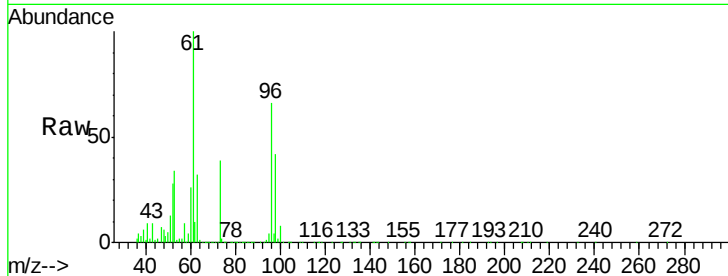
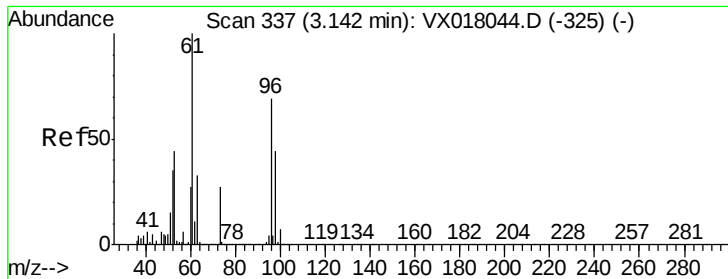
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#20
Methylene Chloride
Concen: 51.533 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	98.6	148.0
51	36.8	29.6	44.4
86	61.4	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 48.454 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tot Ion:	96	Resp:	212508
Ion	Ratio	Lower	Upper
96	100		
61	152.0	115.4	173.0
98	64.5	51.1	76.7

Instrument :

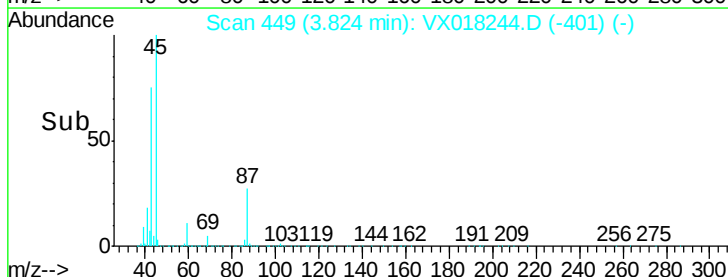
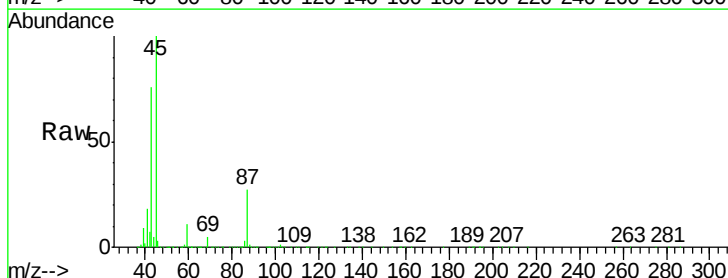
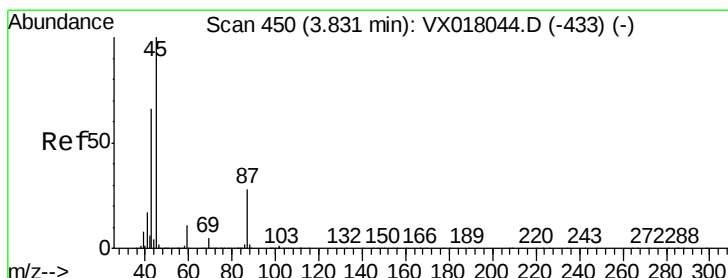
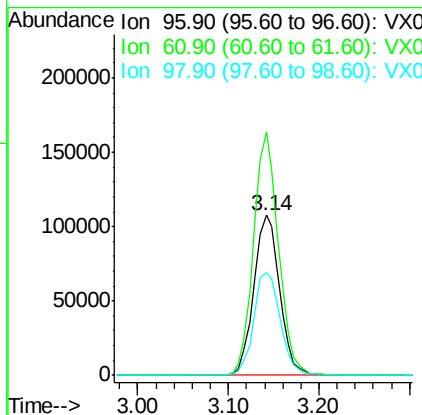
MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

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#22

Diisopropyl ether

Concen: 51.270 ug/l

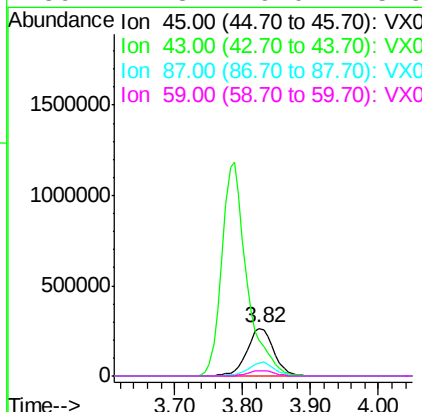
RT: 3.82 min Scan# 449

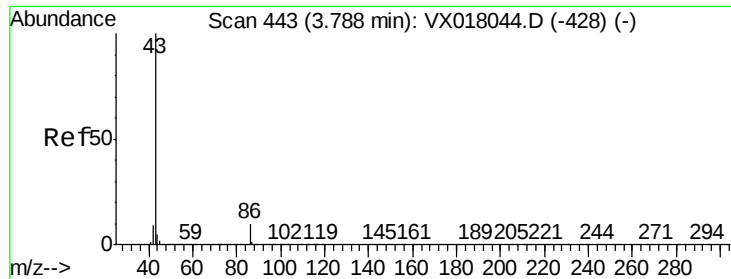
Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion:	45	Resp:	719675
Ion	Ratio	Lower	Upper
45	100		
43	75.5	52.8	79.2
87	26.8	22.5	33.7
59	11.3	9.0	13.6





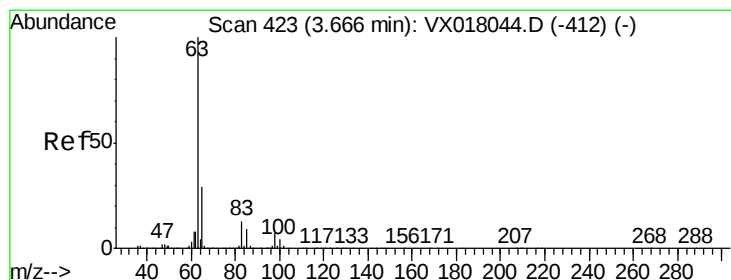
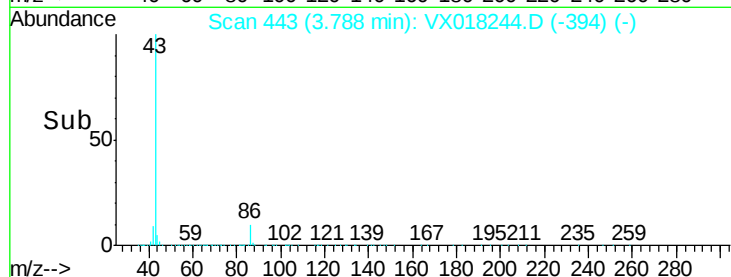
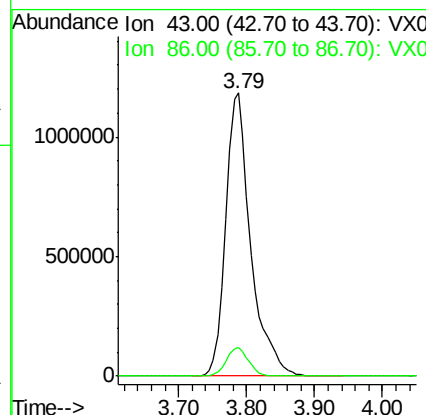
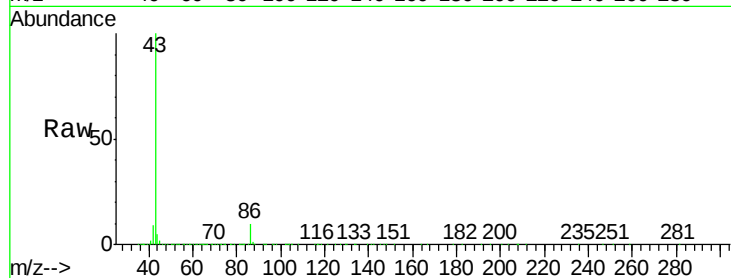
#23
 Vinyl Acetate
 Concen: 240.872 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion: 43 Resp: 3008575
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

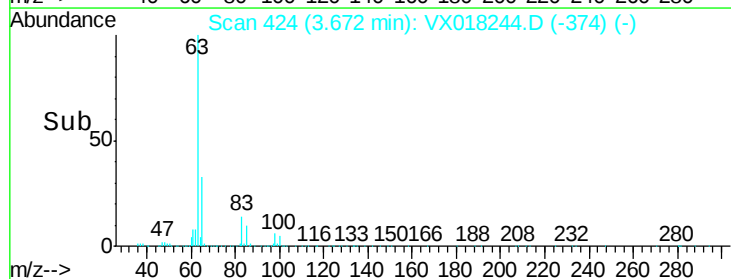
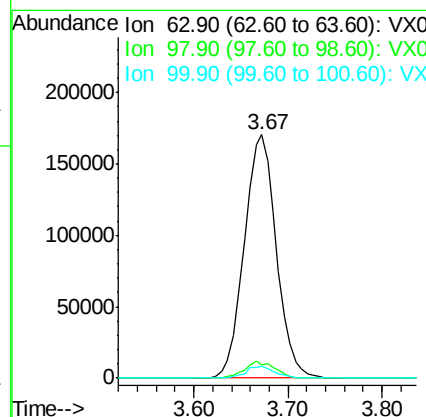
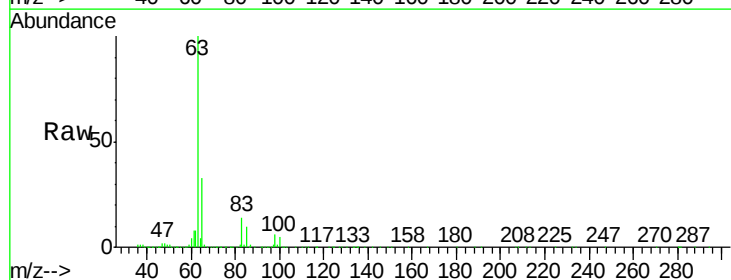
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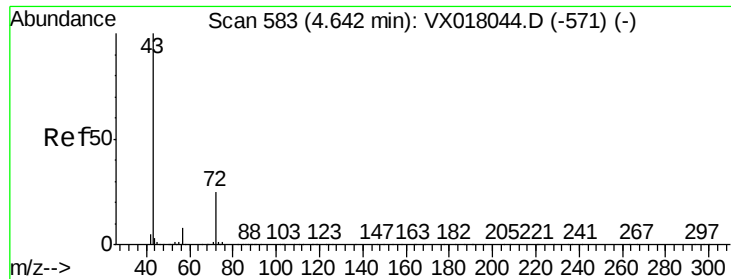
MMDadoda
 9/4/2020 9:29:12 AM



#24
 1,1-Dichloroethane
 Concen: 50.775 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion: 63 Resp: 405721
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.6 10.8
 100 5.0 2.0 6.0





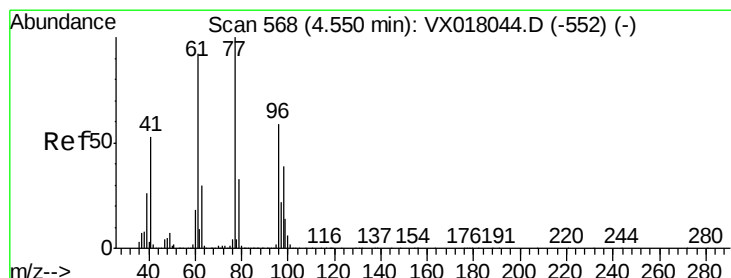
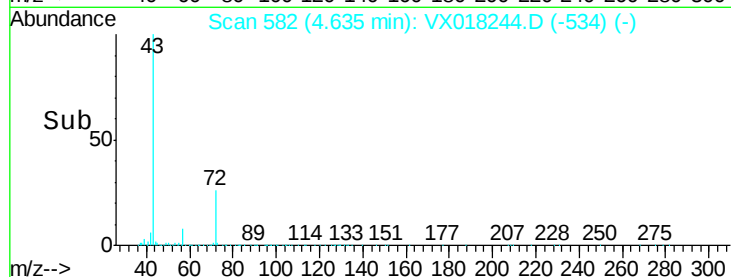
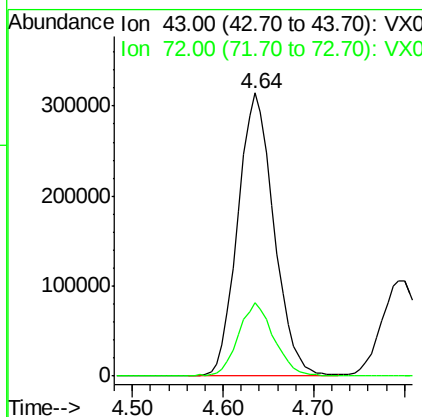
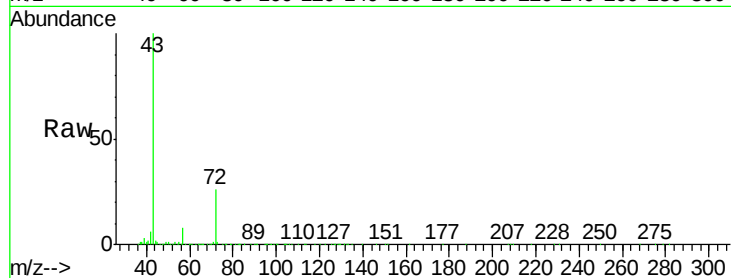
#25
2-Butanone
Concen: 240.867 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion: 43 Resp: 867416
Ion Ratio Lower Upper
43 100
72 25.9 19.8 29.6

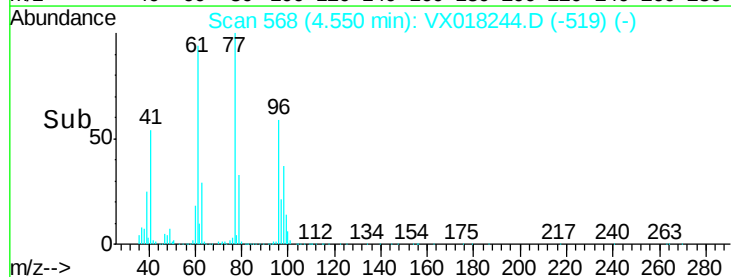
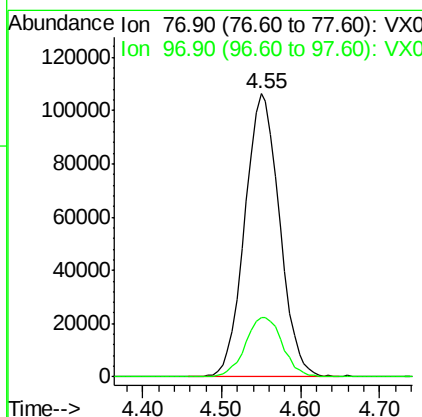
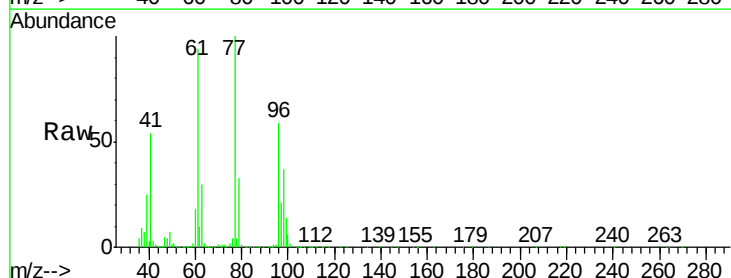
Manual Integrations
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9/4/2020 9:29:12 AM



#26
2,2-Dichloropropane
Concen: 49.975 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion: 77 Resp: 324908
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5





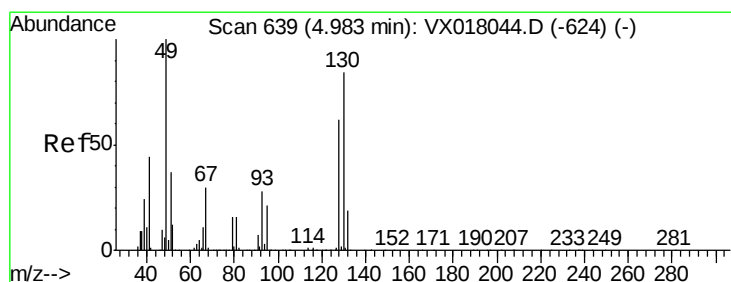
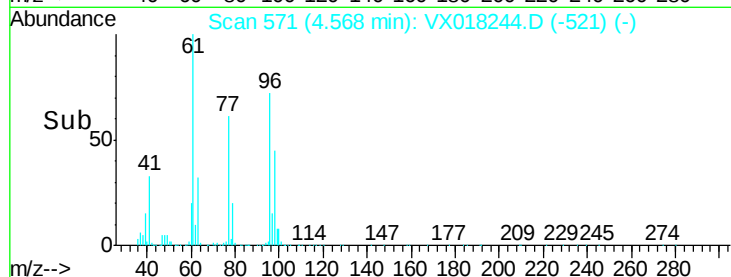
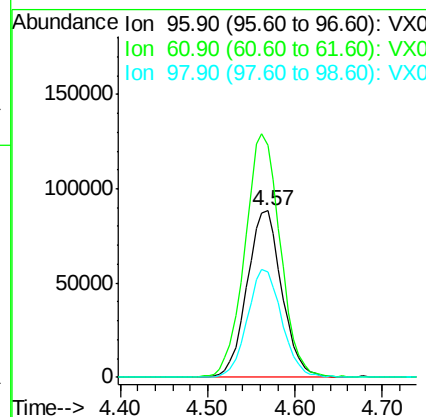
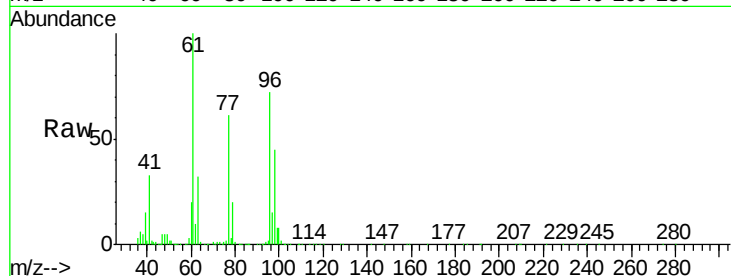
#27
 cis-1,2-Dichloroethene
 Concen: 48.191 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	243516		
61	149.7	0.0	296.6	
98	64.6	0.0	130.2	

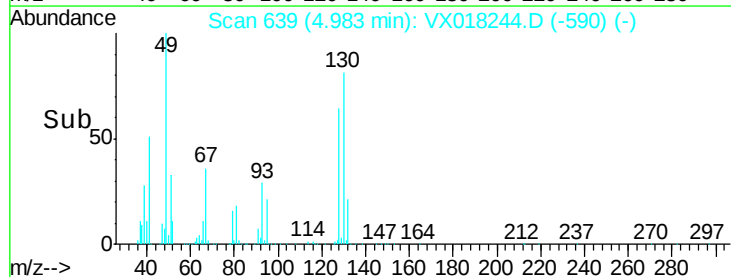
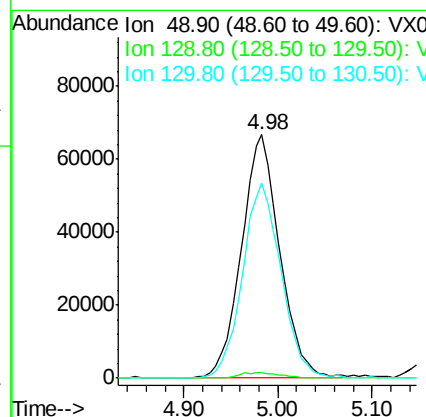
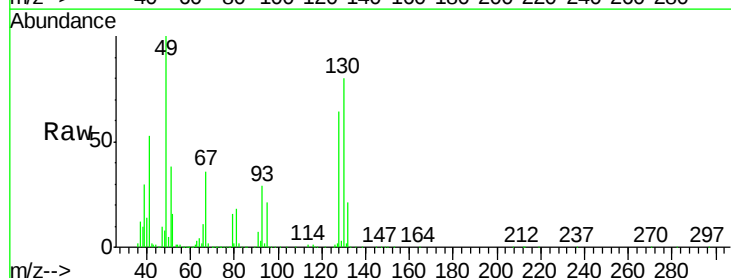
Manual Integrations
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#28
 Bromochloromethane
 Concen: 48.958 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	188829		
129	2.5	0.0	4.6	
130	81.4	64.6	96.8	





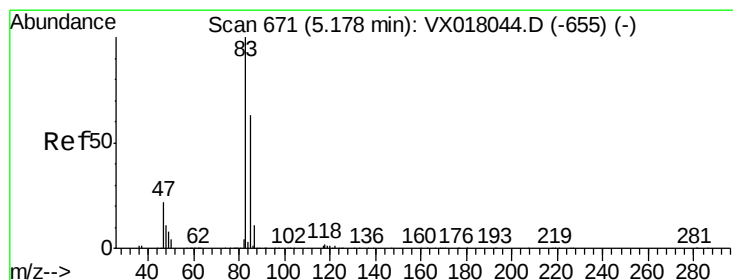
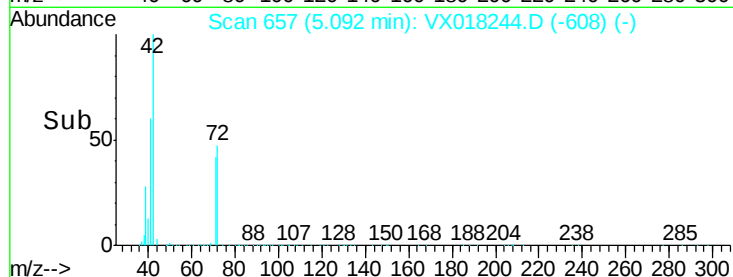
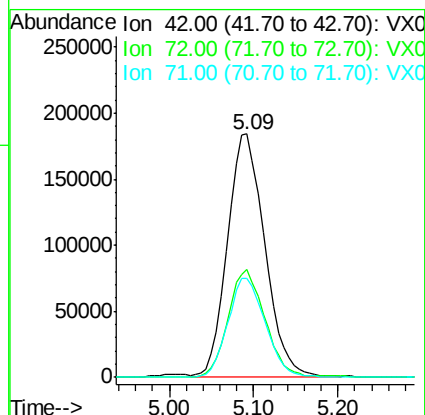
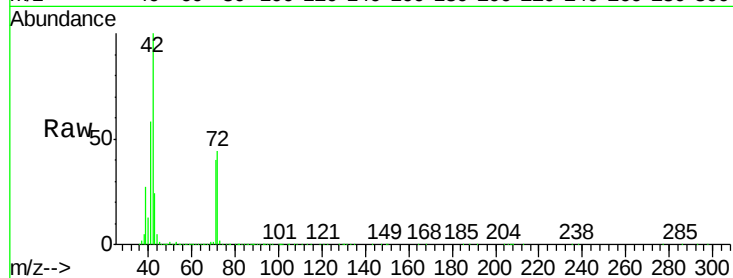
#29
Tetrahydrofuran
Concen: 243.753 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.4
71	40.5	32.1	48.1

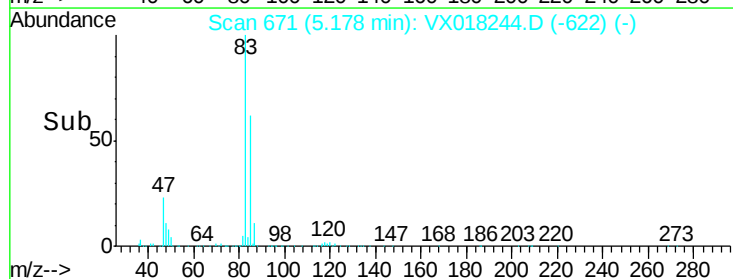
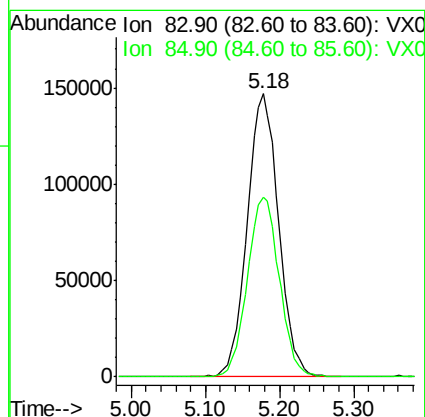
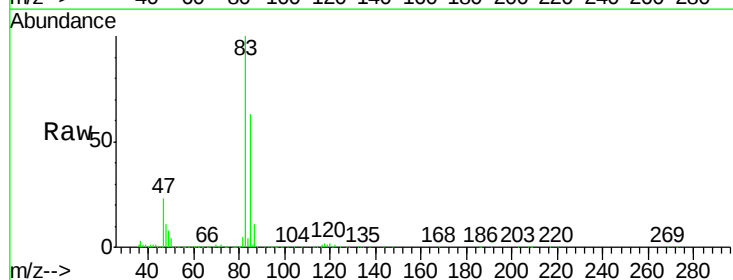
Manual Integrations
APPROVED

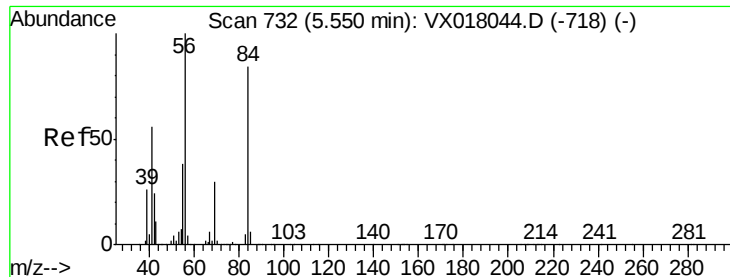
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#30
Chloroform
Concen: 52.617 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.7	76.1





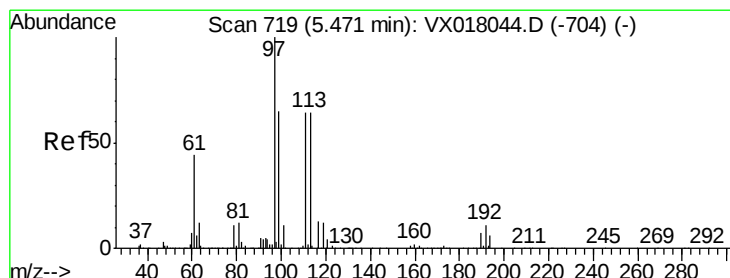
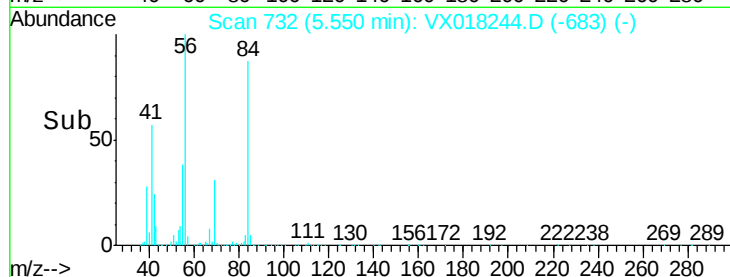
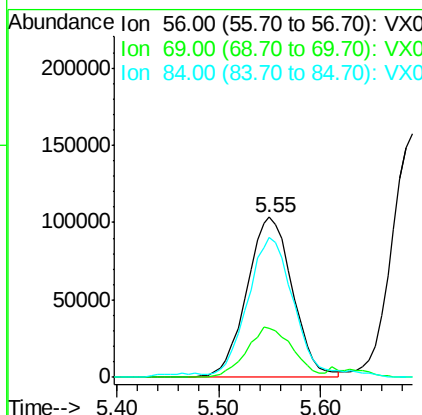
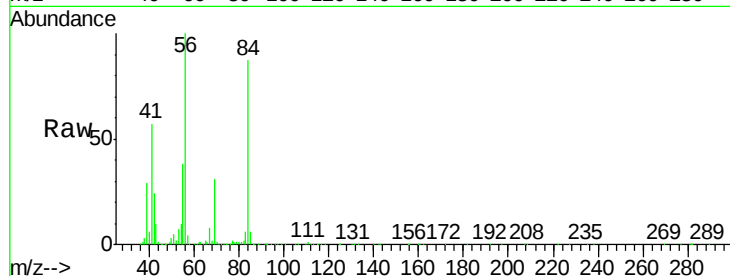
#31
Cyclohexane
Concen: 47.674 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.9	35.9
84	85.4	67.0	100.4

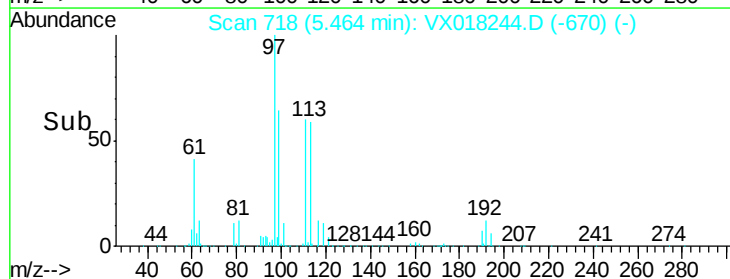
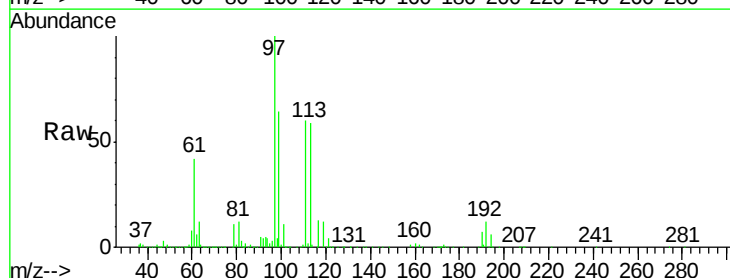
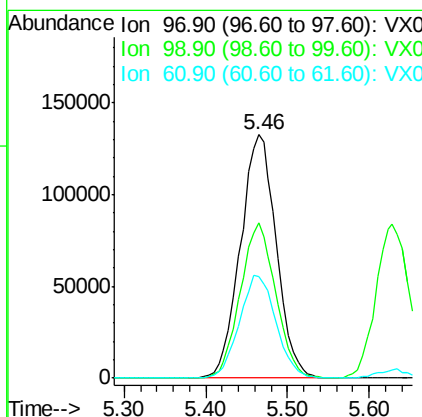
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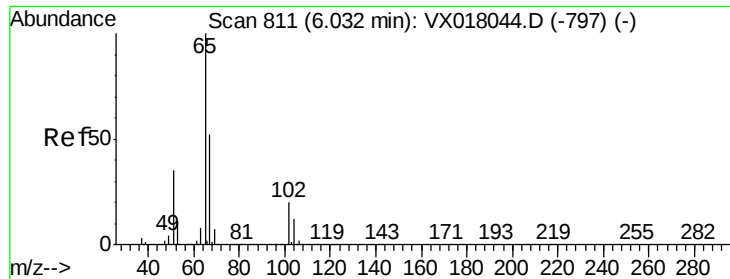
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#32
1,1,1-Trichloroethane
Concen: 53.405 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.4	77.0
61	43.0	34.2	51.4





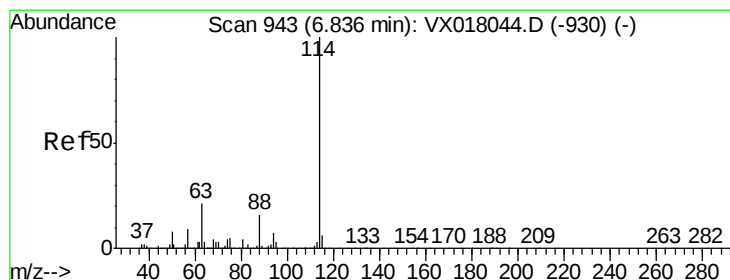
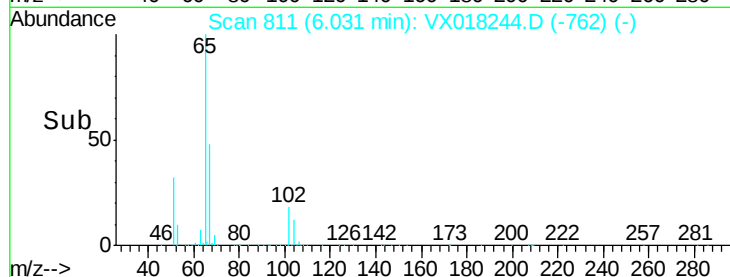
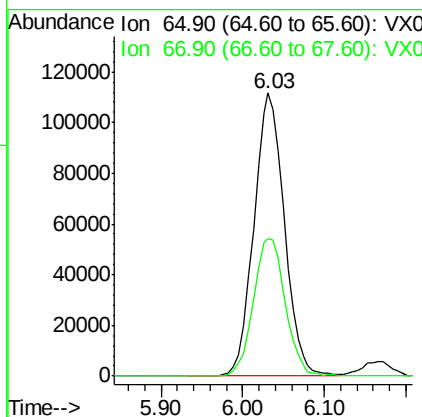
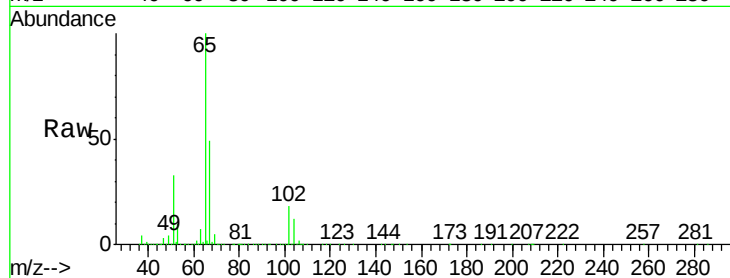
#33
 1,2-Dichloroethane-d4
 Concen: 51.717 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	290831		
67	51.1	0.0	105.8	

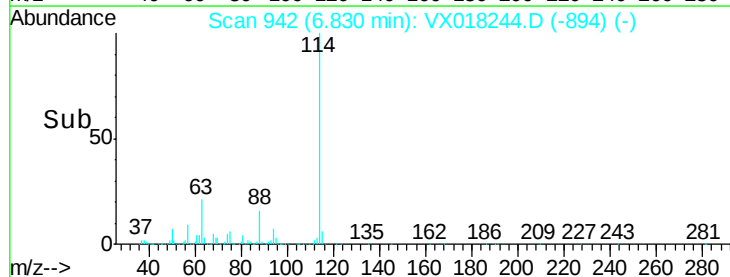
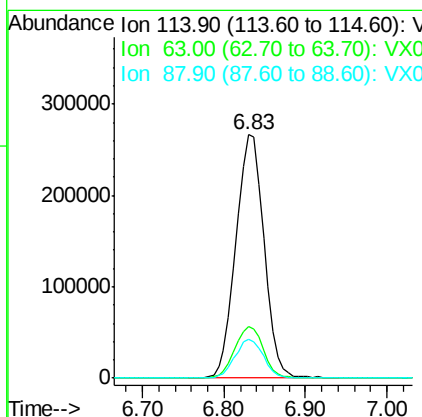
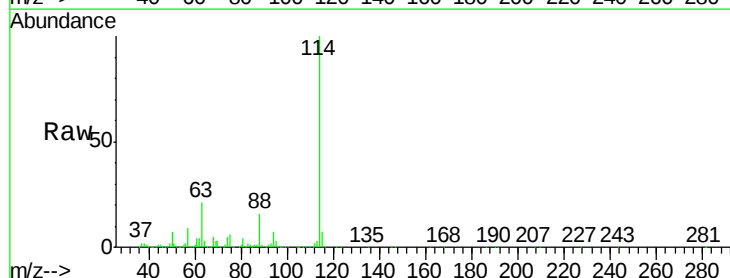
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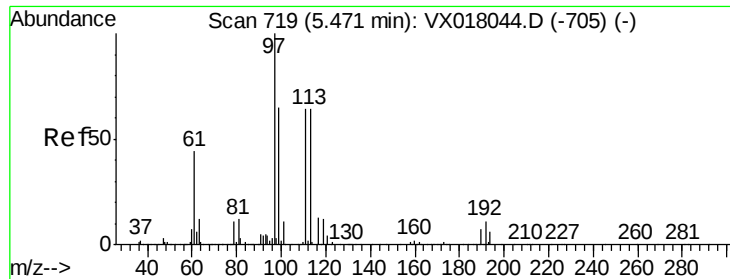
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	638435		
63	21.3	0.0	42.6	
88	15.8	0.0	31.8	





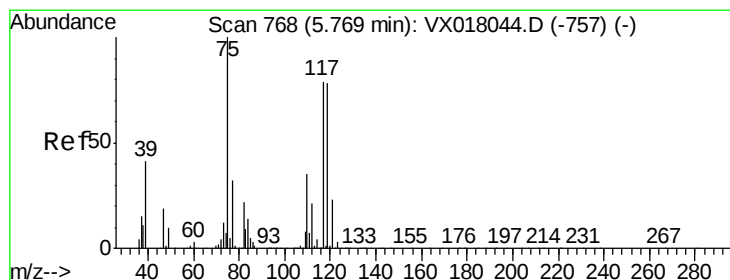
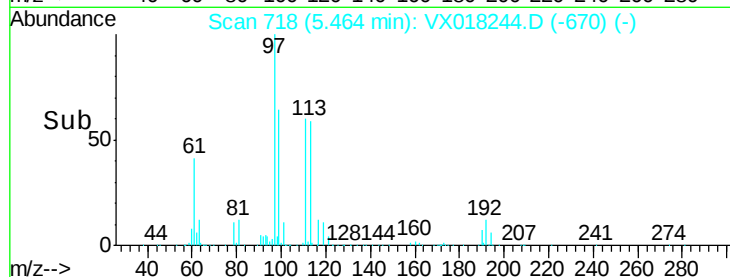
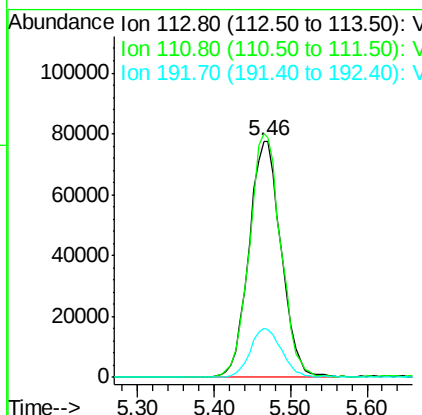
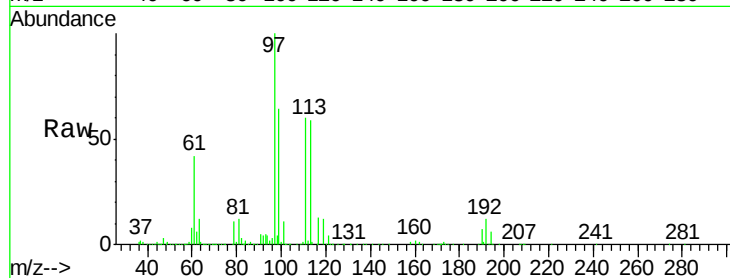
#35
 Dibromofluoromethane
 Concen: 52.269 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.6	122.4
192	20.2	15.8	23.8

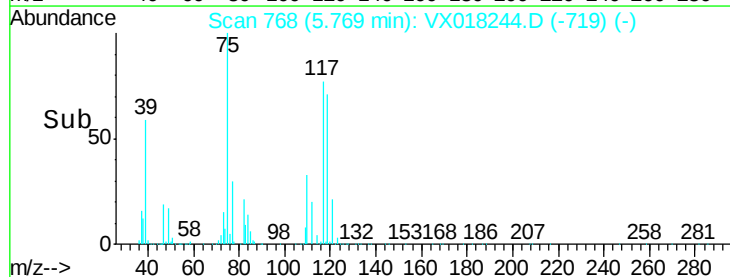
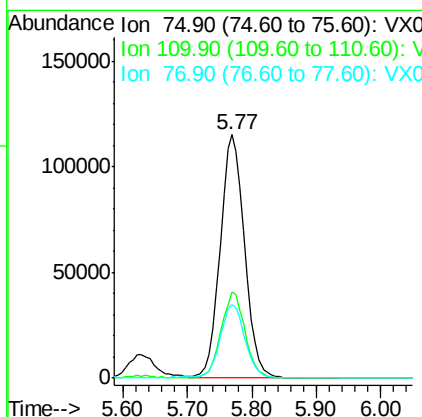
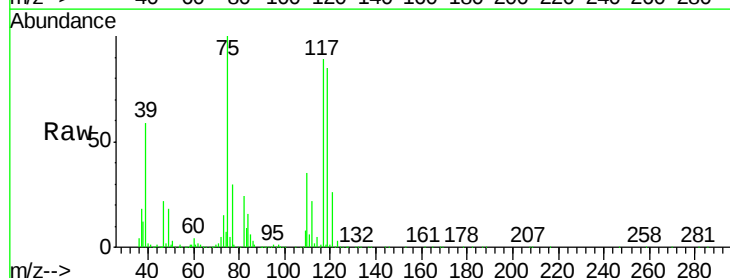
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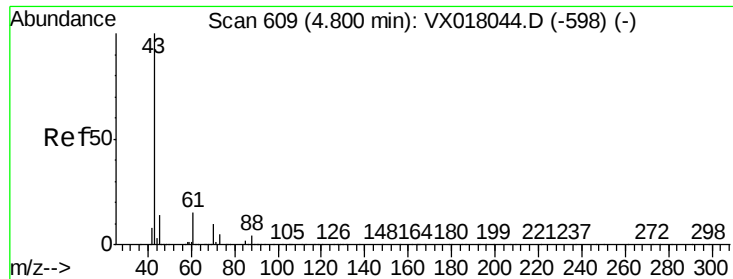
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#36
 1,1-Dichloropropene
 Concen: 52.092 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.0	54.0
77	30.9	24.4	36.6





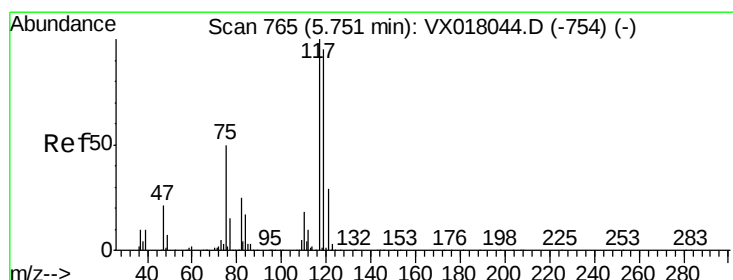
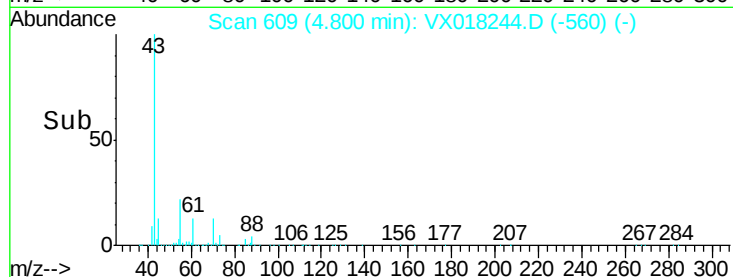
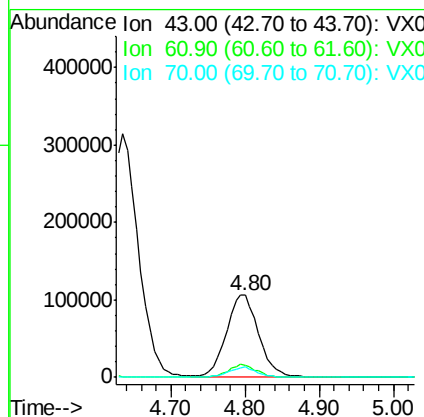
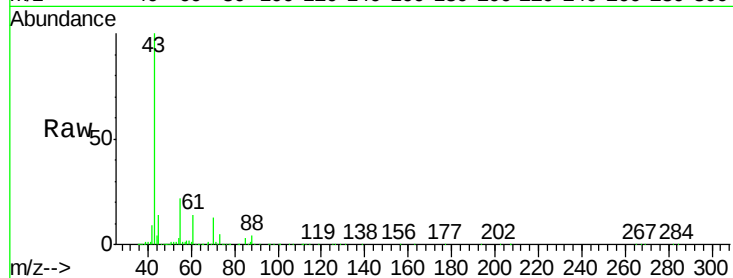
#37
Ethyl Acetate
Concen: 46.927 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	43	Resp	320943
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.3	16.9
70	10.7	8.2	12.4

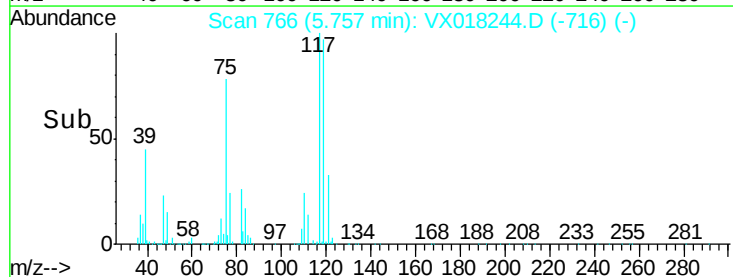
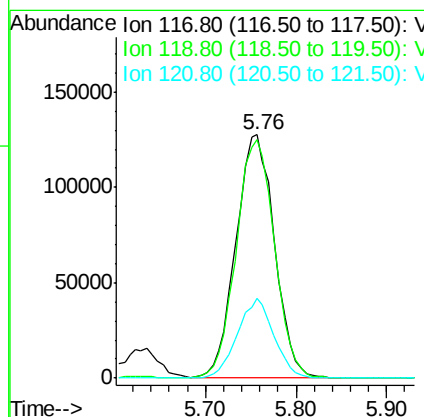
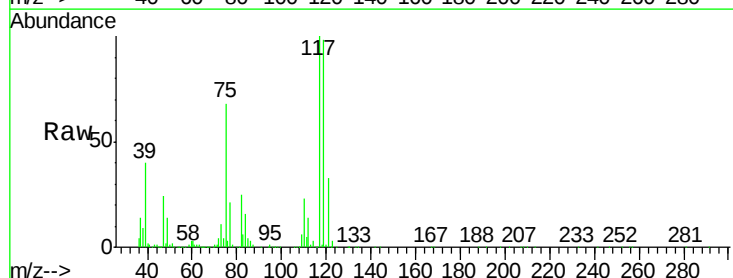
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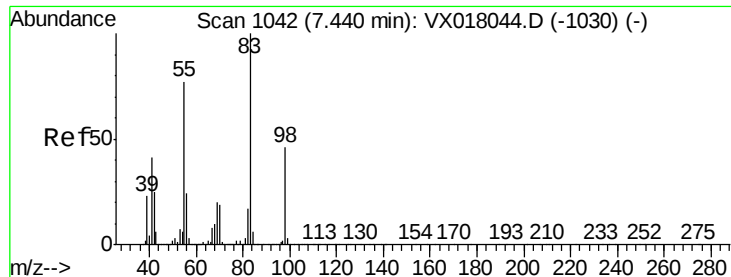
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#38
Carbon Tetrachloride
Concen: 56.728 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	117	Resp	376457
Ion Ratio	Lower	Upper	
117	100		
119	97.6	75.8	113.6
121	32.9	23.4	35.0





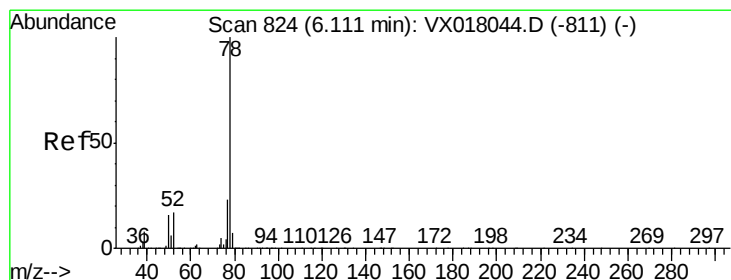
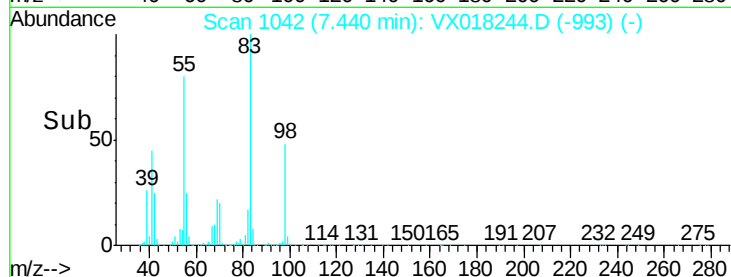
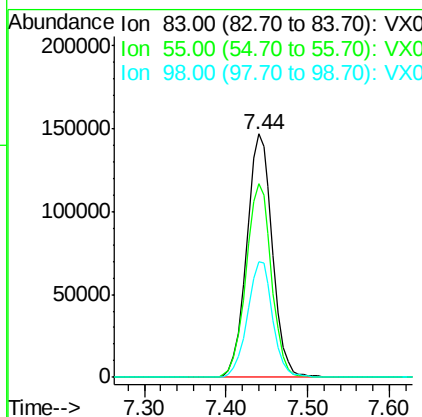
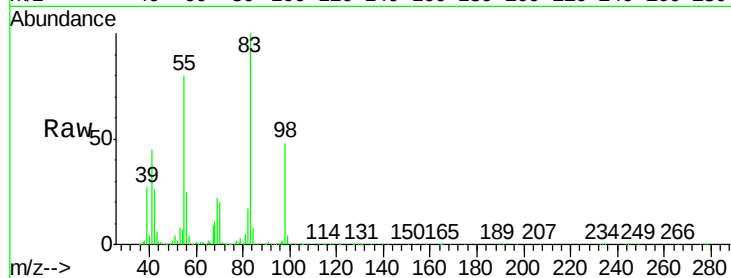
#39
Methvlcvclohexane
Concen: 49.994 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	61.8	92.6
98	47.5	36.6	55.0

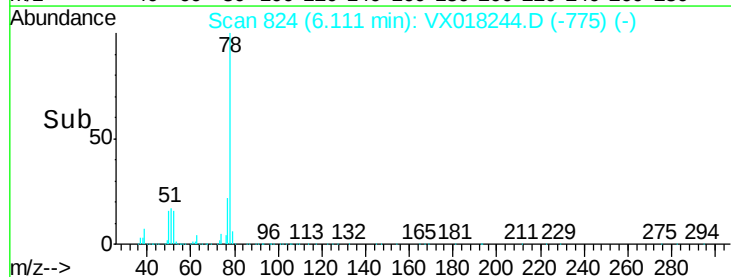
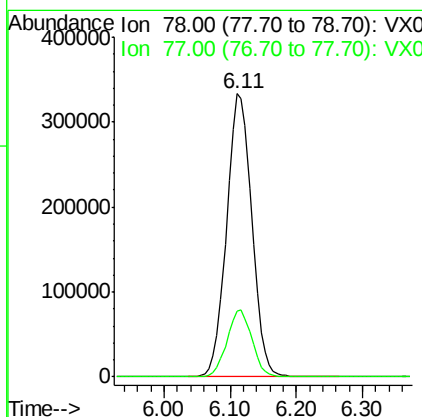
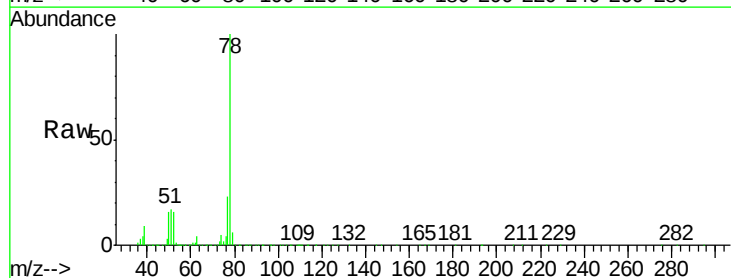
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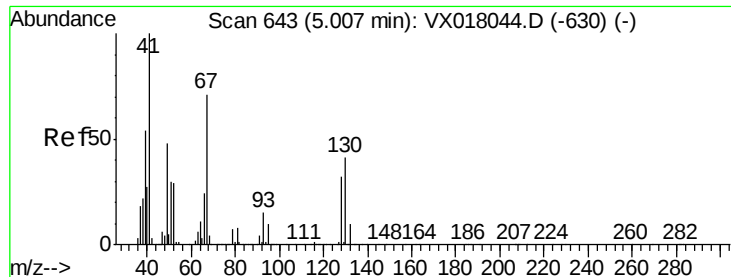
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#40
Benzene
Concen: 50.865 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2





#41

Methacrylonitrile

Concen: 49.450 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

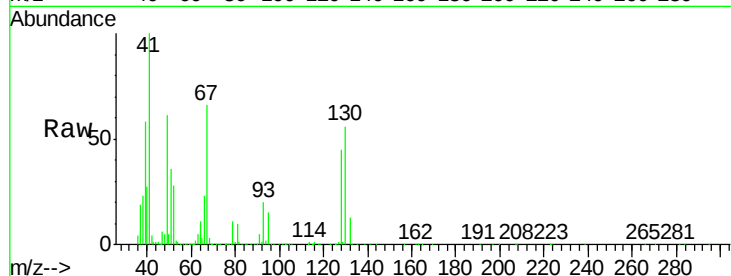
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	43.1	64.7	
67	70.9	56.0	84.0	
52	29.4	22.7	34.1	

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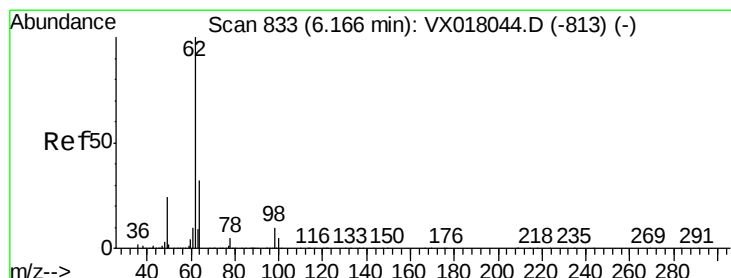
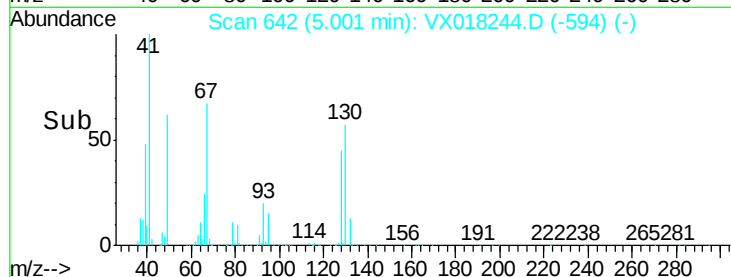
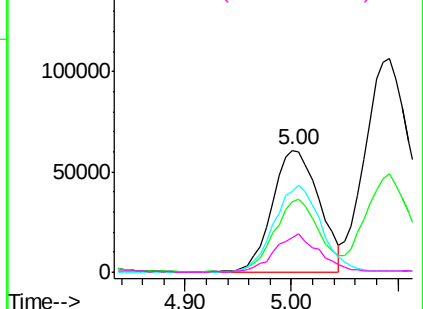


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.301 ug/l

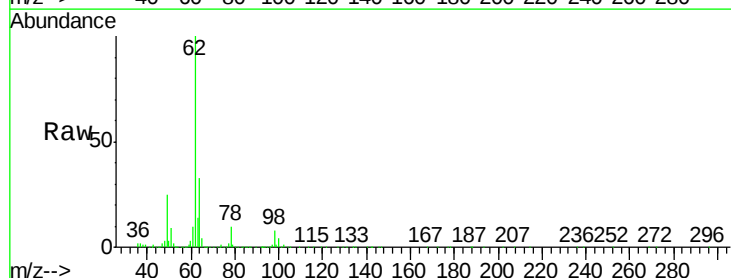
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018244.D

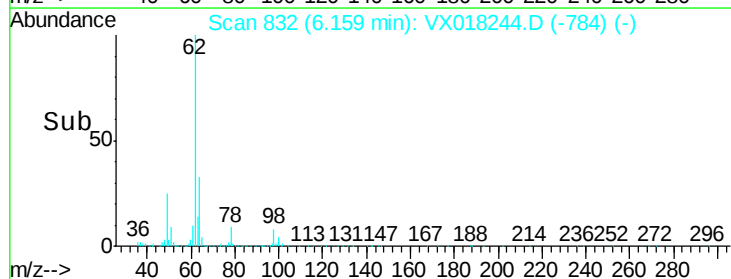
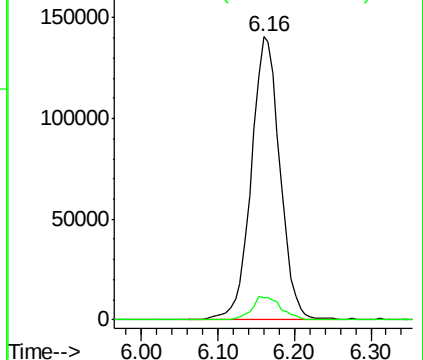
Acq: 03 Sep 2020 18:46

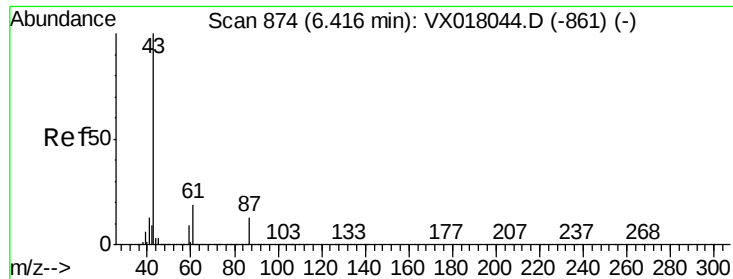
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	18.2	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

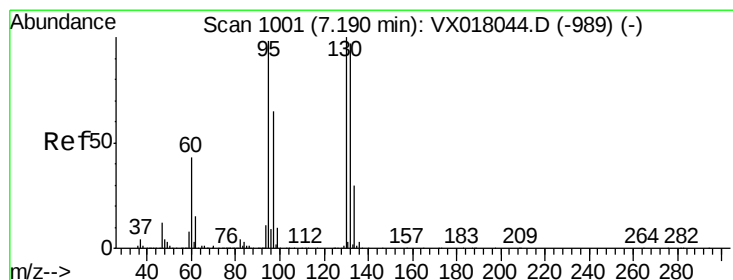
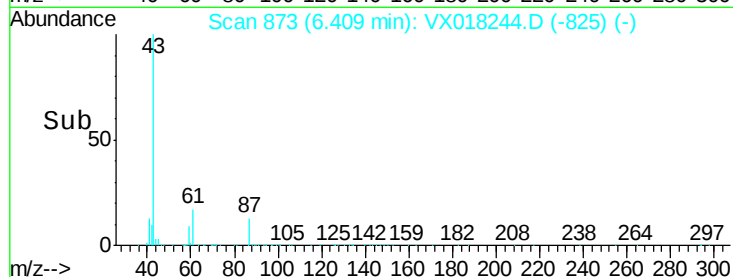
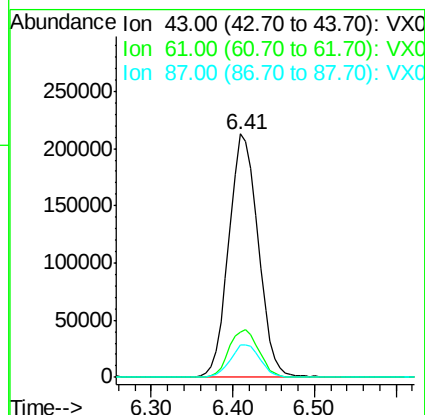
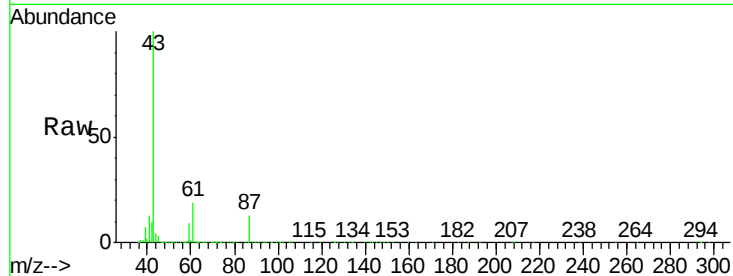
Isopropyl Acetate
 Concen: 47.630 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.7	23.5
87	13.6	10.3	15.5

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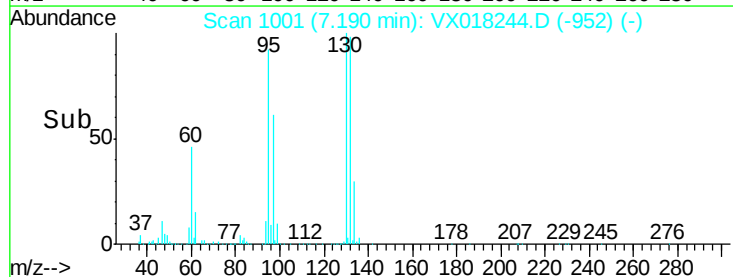
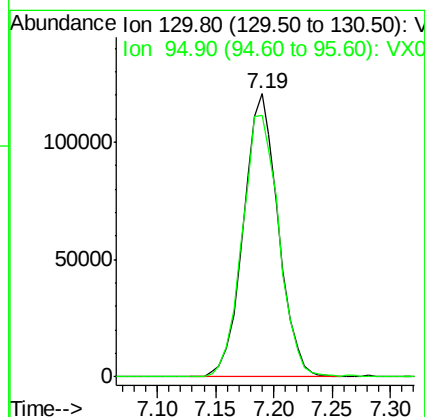
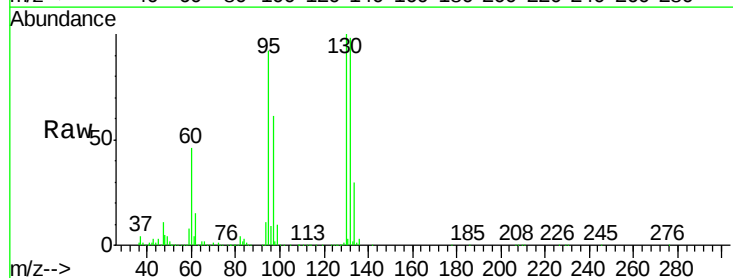
MMDadoda
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#44

Trichloroethene
 Concen: 51.183 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	196.4





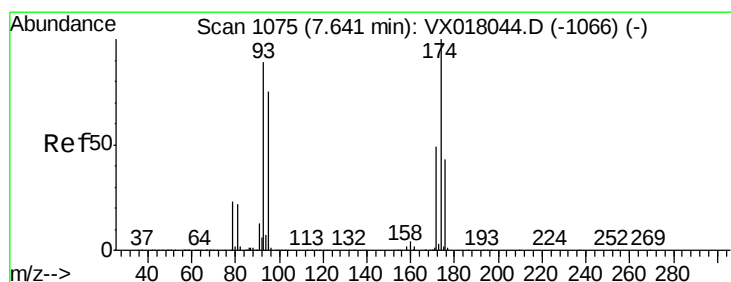
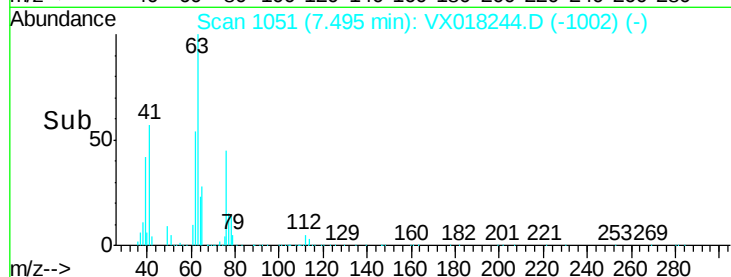
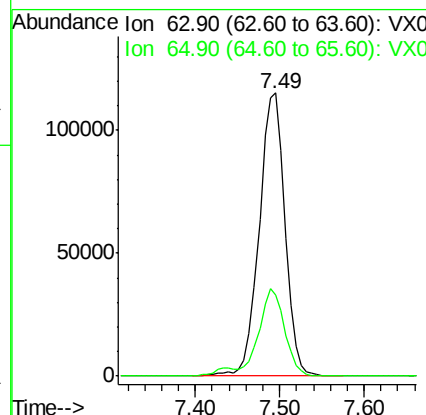
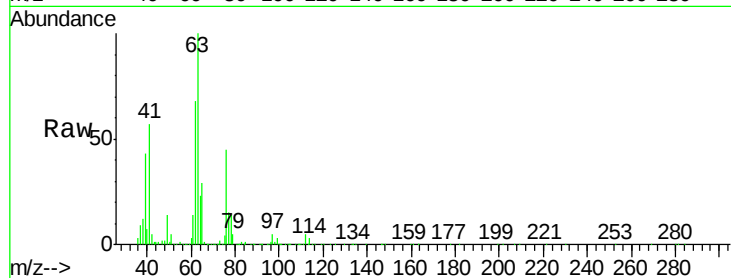
#45
 1,2-Dichloropropane
 Concen: 51.819 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleID :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.6	25.7	38.5

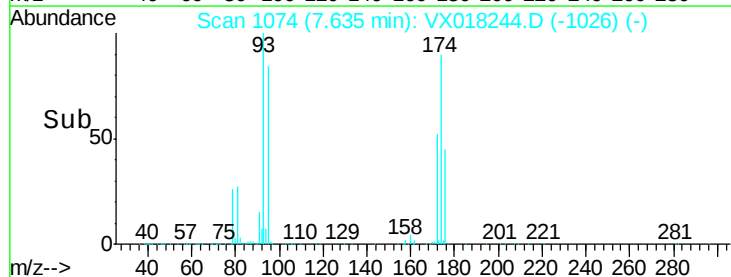
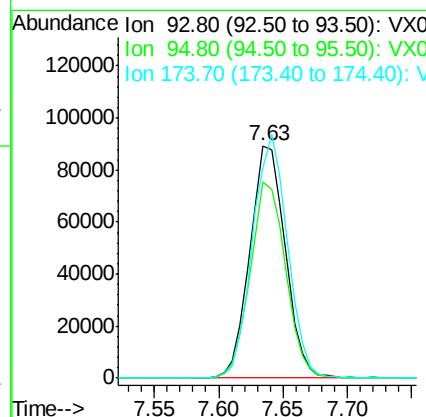
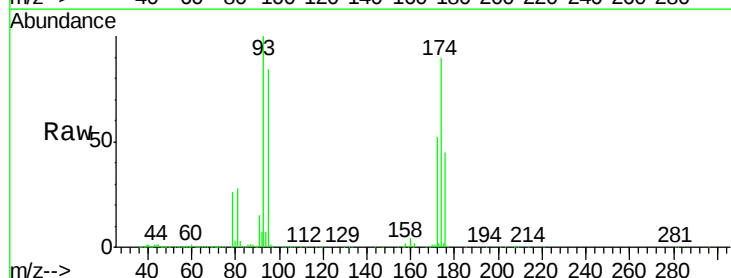
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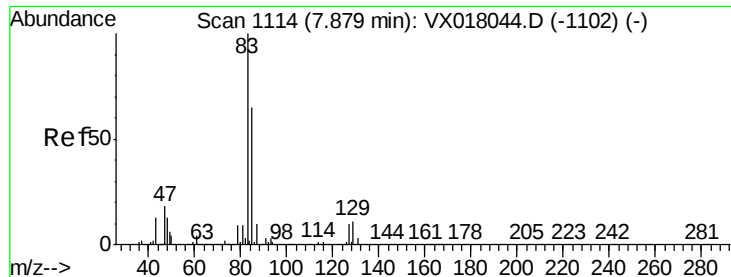
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#46
 Dibromomethane
 Concen: 51.782 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.3	100.9
174	103.6	82.2	123.2





#47

Bromodichloromethane

Concen: 54.560 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

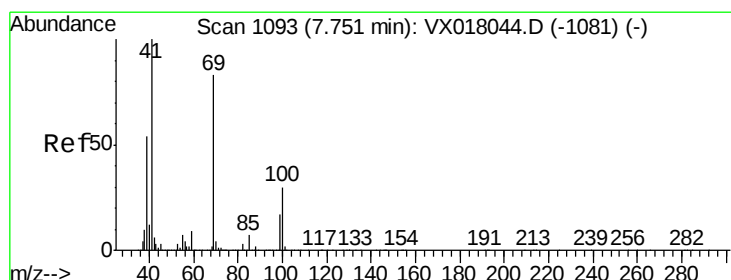
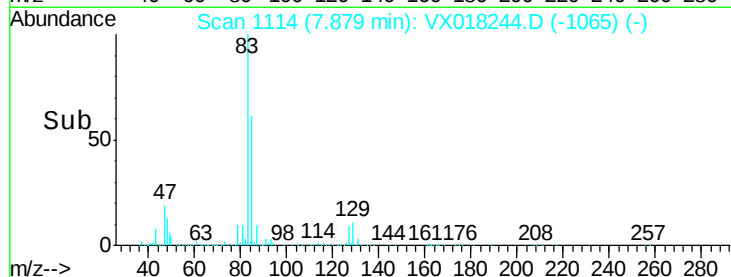
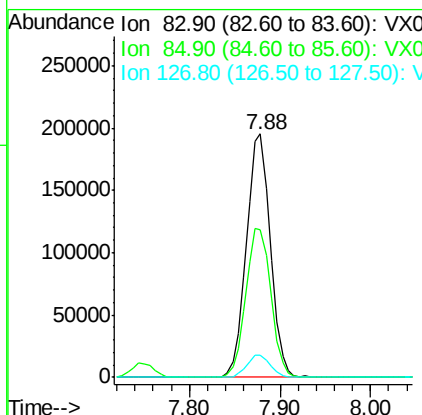
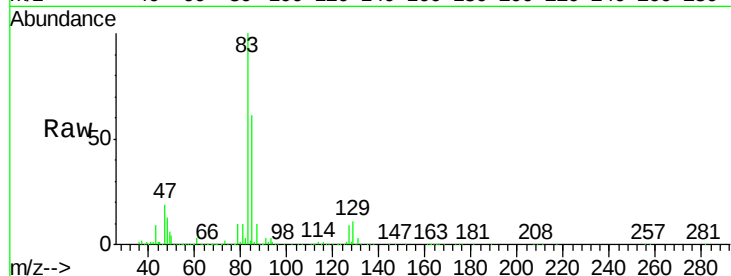
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:	83	Resp:	357257
Ion Ratio	Lower	Upper	
83	100		
85	60.8	51.8	77.6
127	9.0	7.7	11.5

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#48

Methyl methacrylate

Concen: 51.051 ug/l

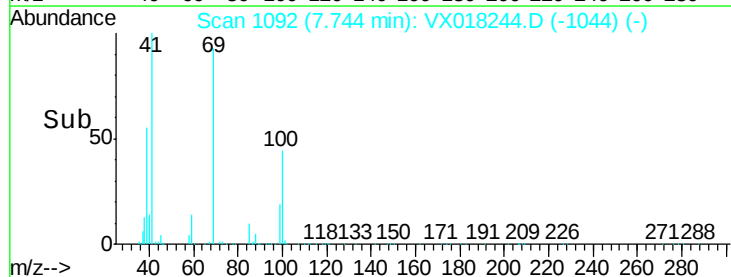
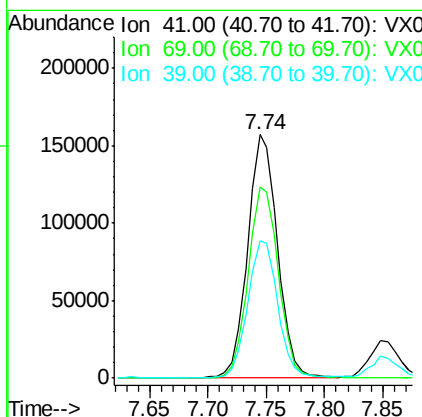
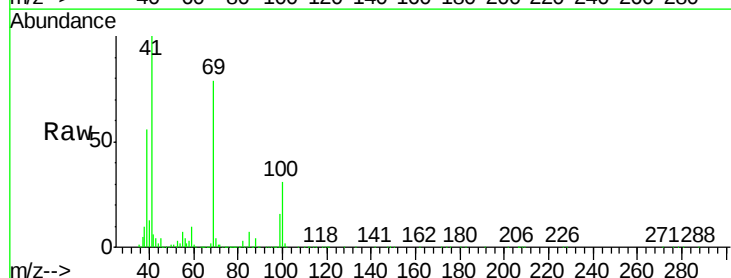
RT: 7.74 min Scan# 1092

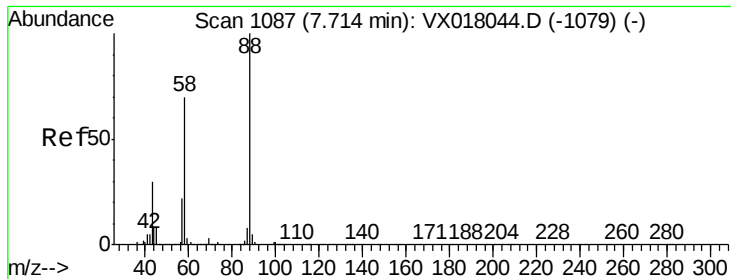
Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion:	41	Resp:	280734
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.5	98.3
39	57.7	44.5	66.7





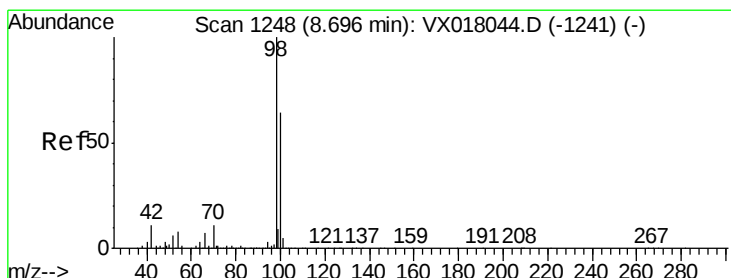
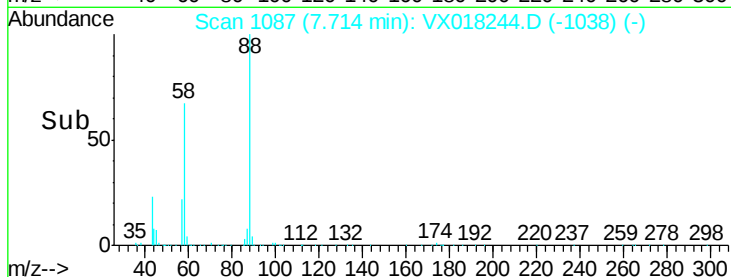
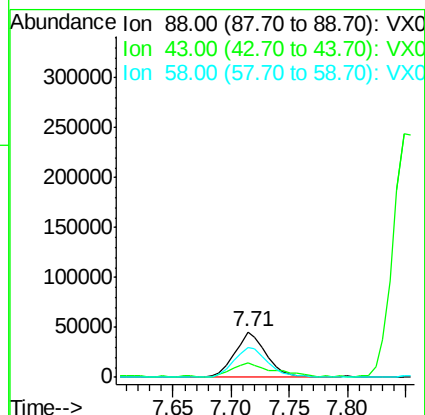
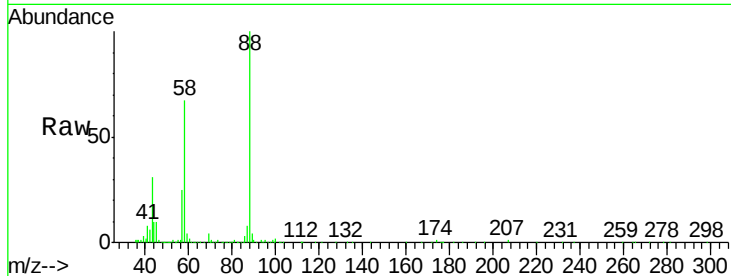
#49
1,4-Dioxane
Concen: 867.992 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	27.4	41.0
58	72.7	56.4	84.6

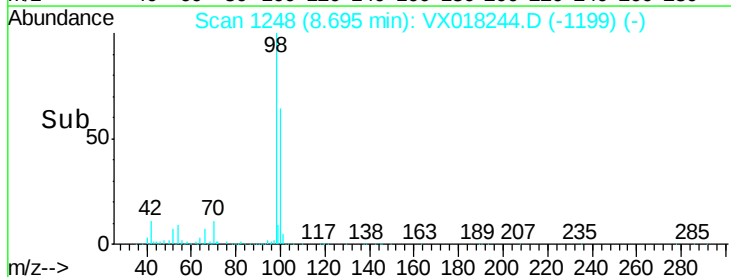
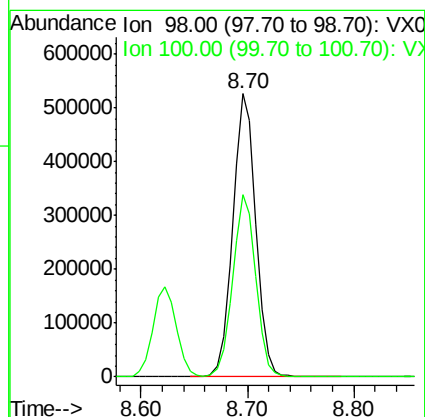
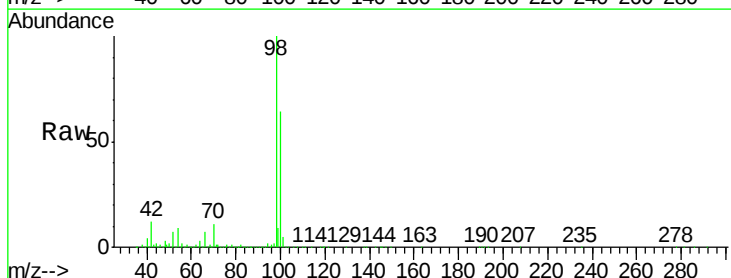
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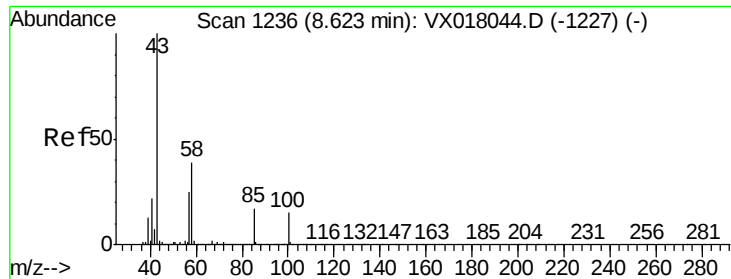
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#50
Toluene-d8
Concen: 49.162 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 258.403 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion: 43 Resp: 1763240

Ion Ratio Lower Upper

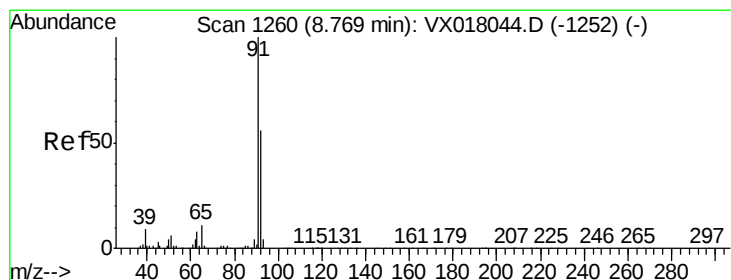
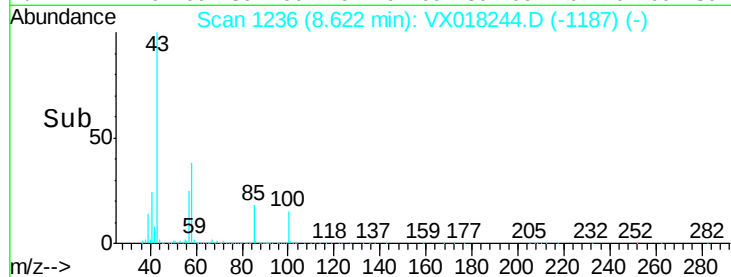
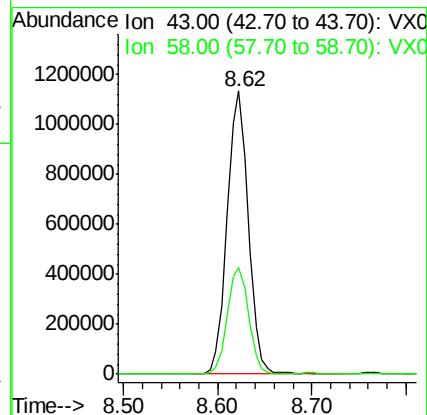
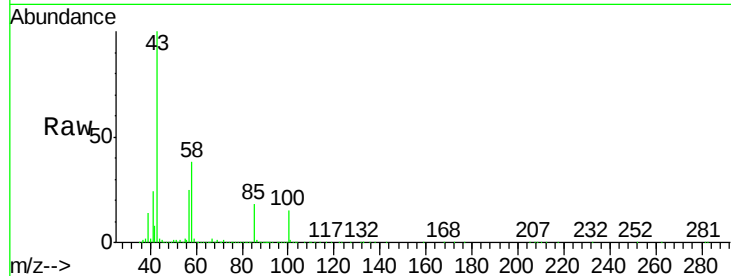
43 100

58 38.0 30.7 46.1

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#52

Toluene

Concen: 51.942 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018244.D

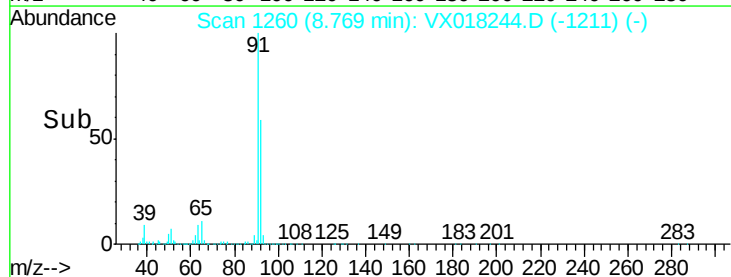
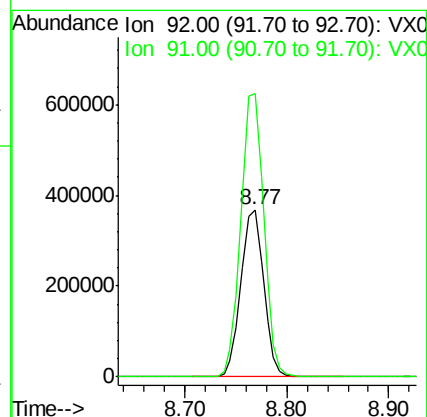
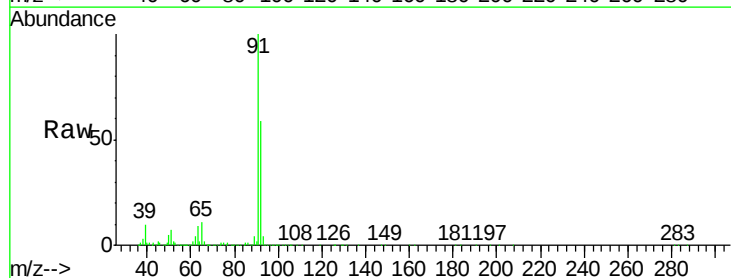
Acq: 03 Sep 2020 18:46

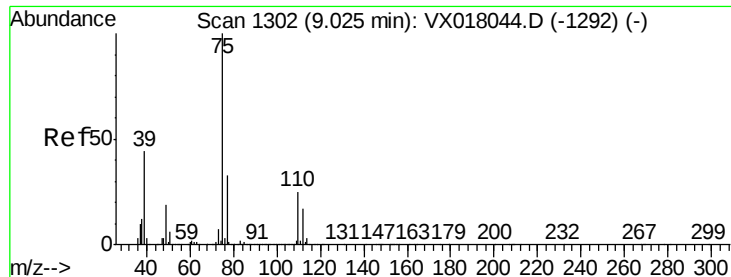
Tgt Ion: 92 Resp: 569899

Ion Ratio Lower Upper

92 100

91 170.6 140.3 210.5





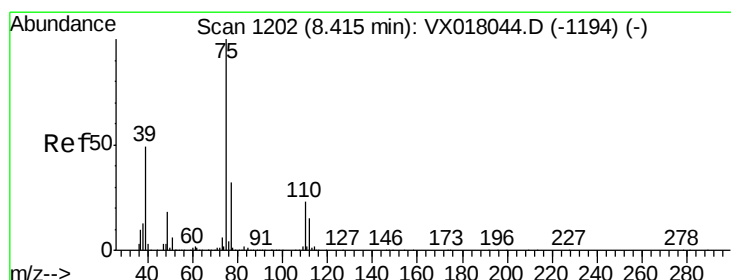
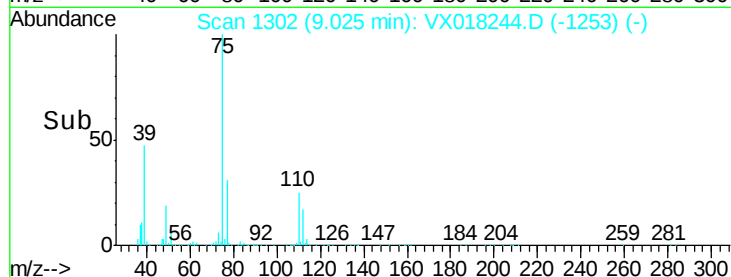
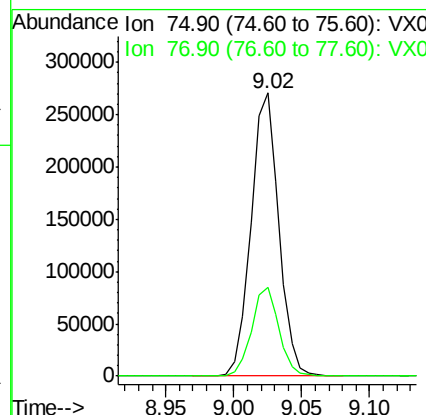
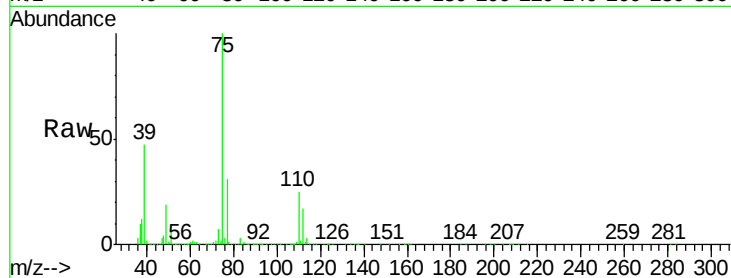
#53
t-1,3-Dichloropropene
Concen: 53.282 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.6	39.8

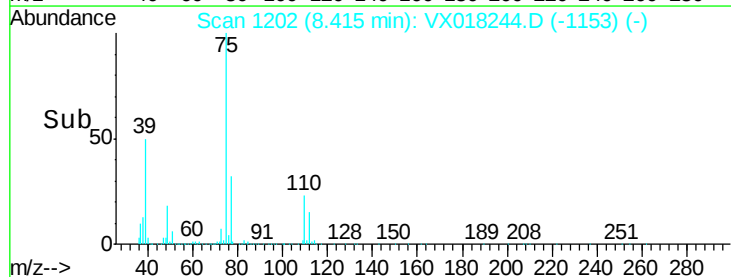
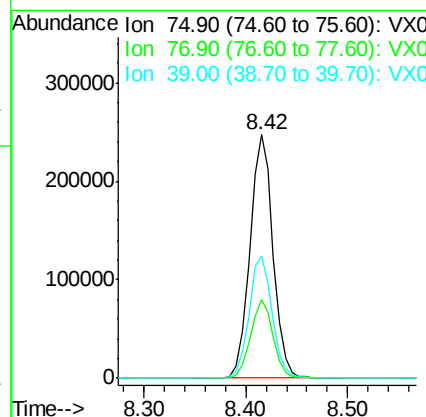
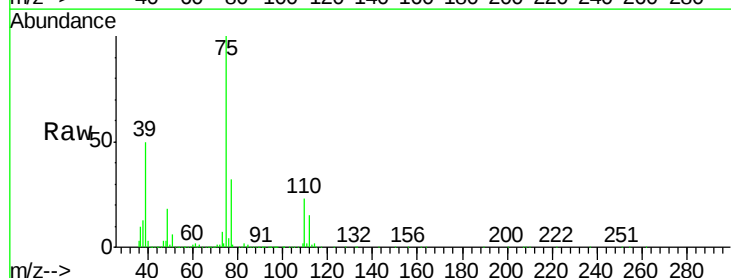
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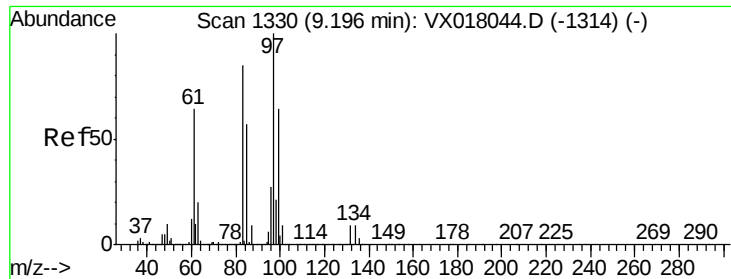
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#54
cis-1,3-Dichloropropene
Concen: 50.193 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
39	49.8	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 52.084 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

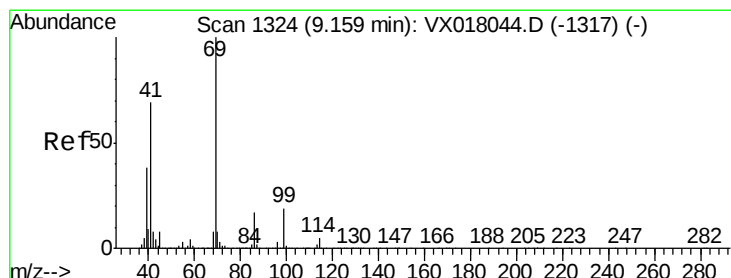
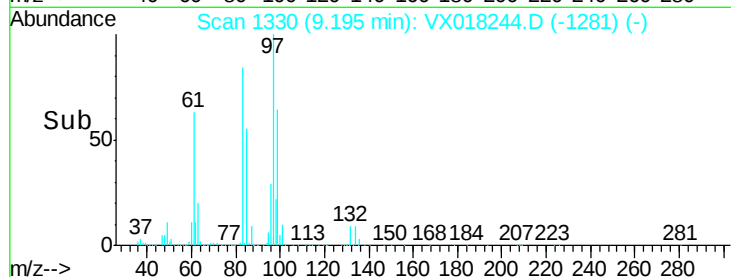
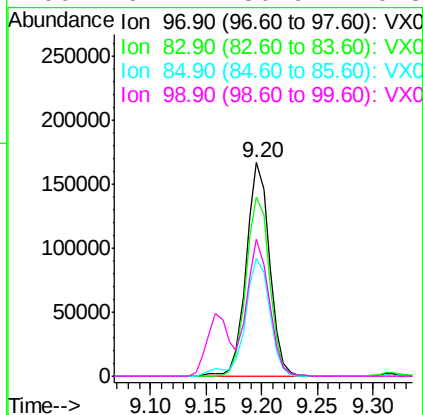
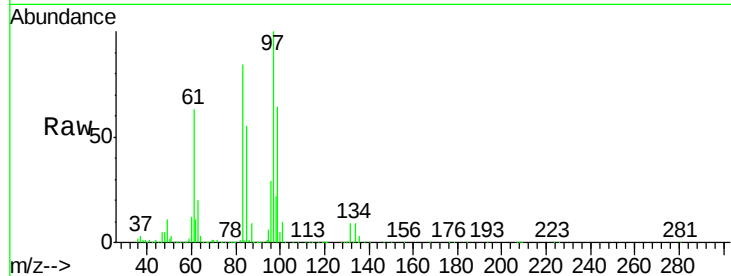
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		243719		
83	84.0	67.8	101.6		
85	55.2	45.3	67.9		
99	64.1	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 53.103 ug/l

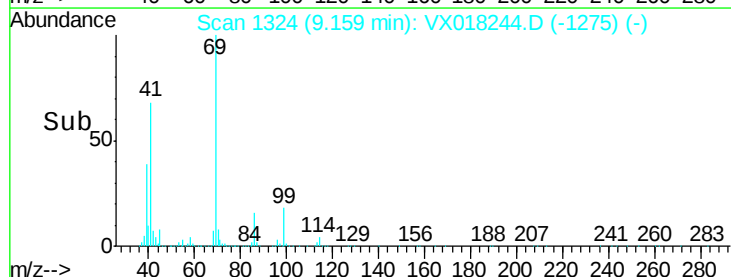
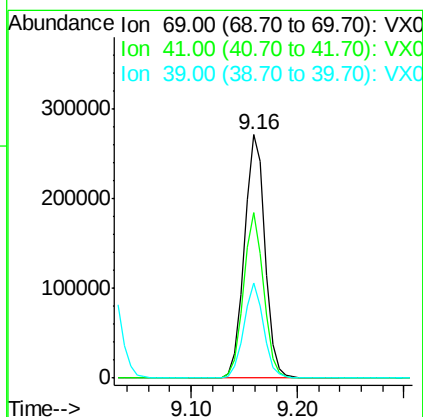
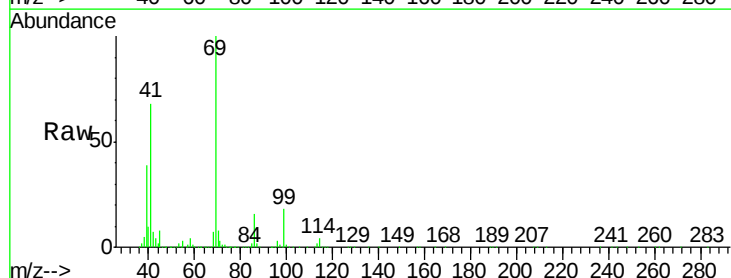
RT: 9.16 min Scan# 1324

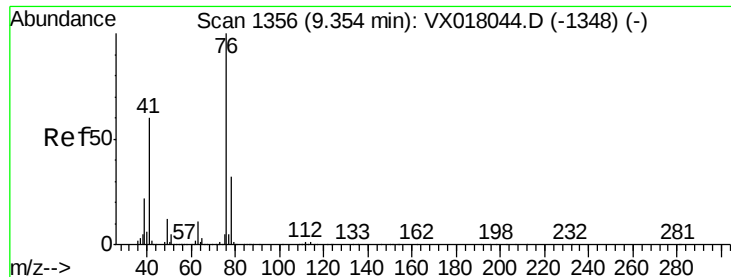
Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		369403		
41	66.9	54.6	81.8		
39	37.4	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 51.708 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion: 76 Resp: 399079

Ion Ratio Lower Upper

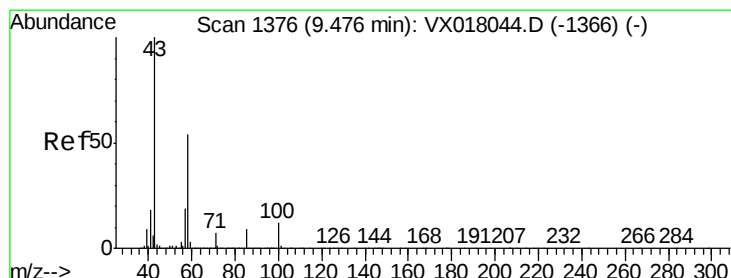
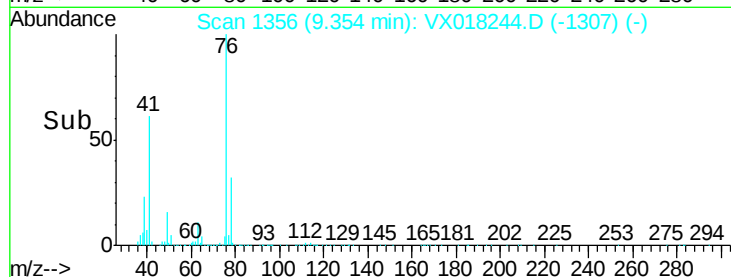
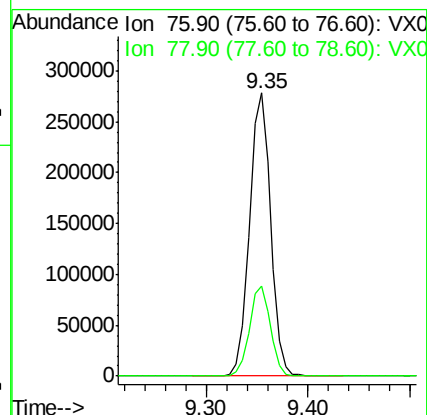
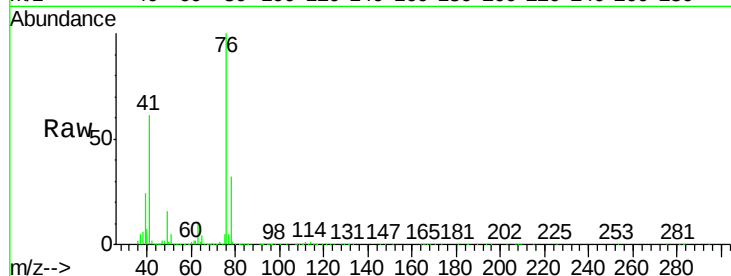
76 100

78 31.7 25.8 38.6

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#59

2-Hexanone

Concen: 260.747 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018244.D

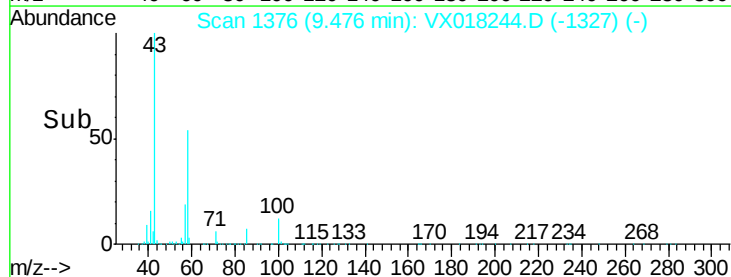
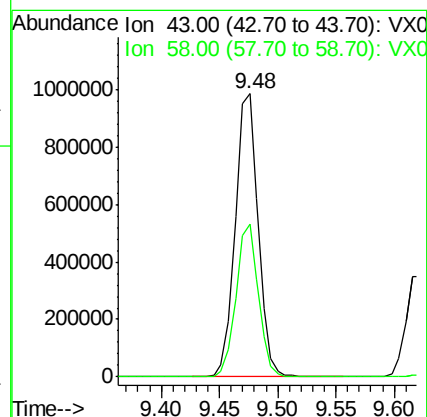
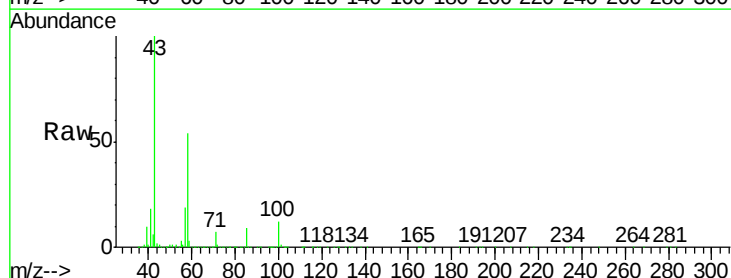
Acq: 03 Sep 2020 18:46

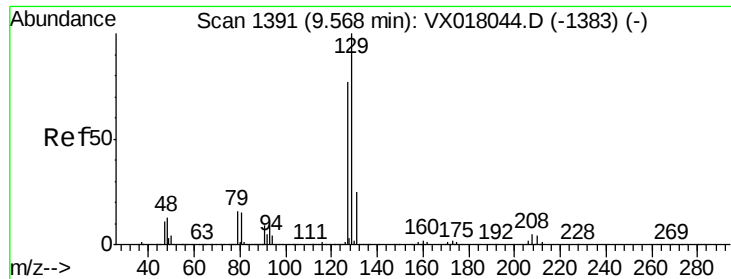
Tgt Ion: 43 Resp: 1352906

Ion Ratio Lower Upper

43 100

58 52.9 26.6 79.7





#60

Dibromochloromethane

Concen: 54.816 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:129 Resp: 300904

Ion Ratio Lower Upper

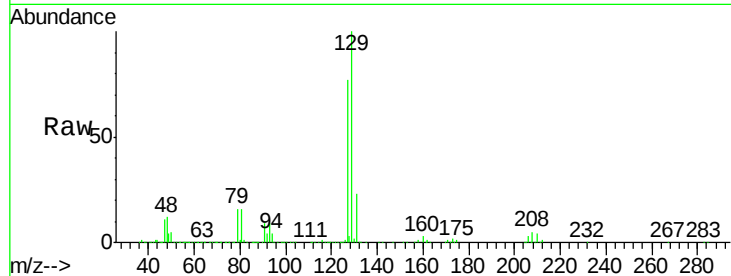
129 100

127 78.1 38.9 116.6

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

250000

200000

150000

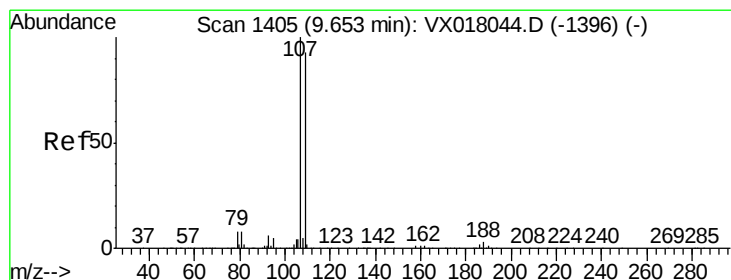
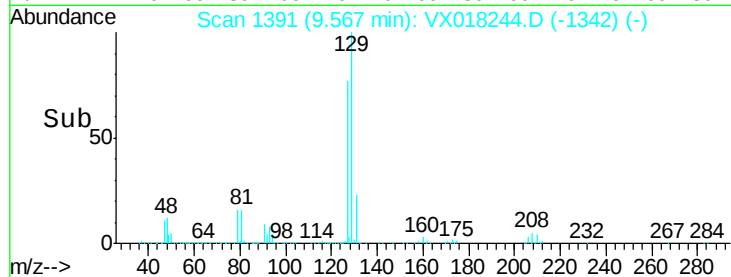
100000

50000

0

9.50 9.60 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 52.473 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018244.D

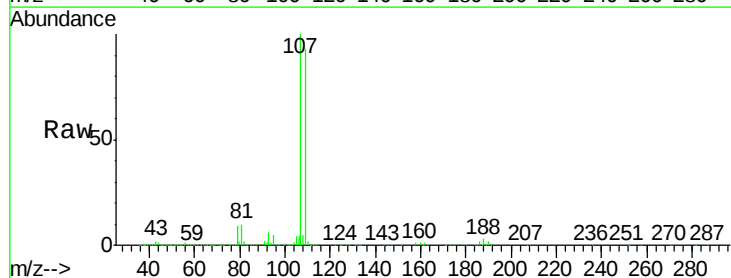
Acq: 03 Sep 2020 18:46

Tgt Ion:107 Resp: 266577

Ion Ratio Lower Upper

107 100

109 95.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

150000

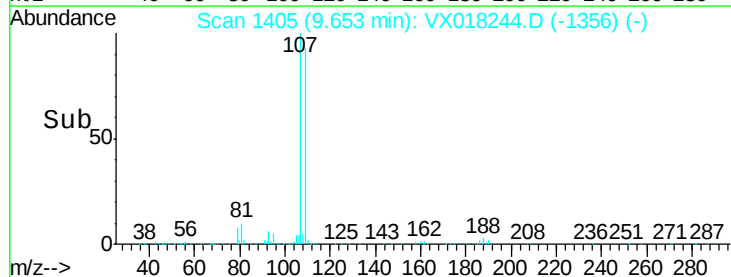
100000

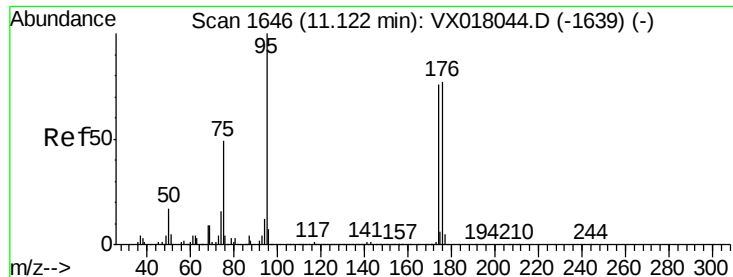
50000

0

9.60 9.65 9.70

Time-->





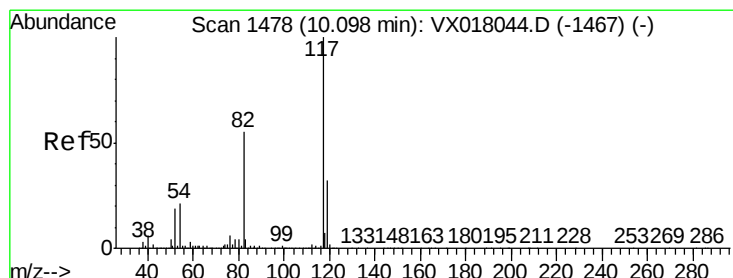
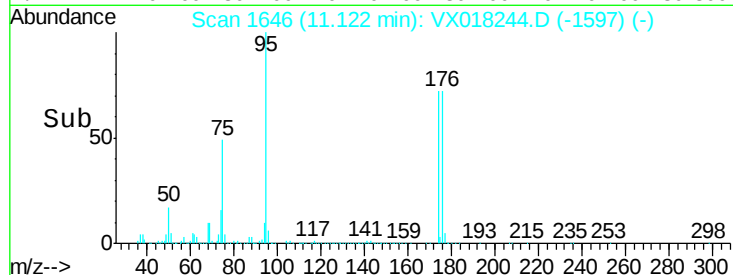
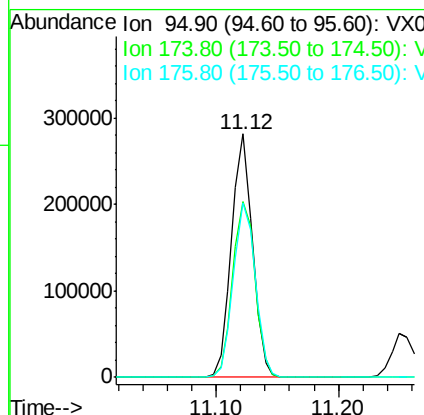
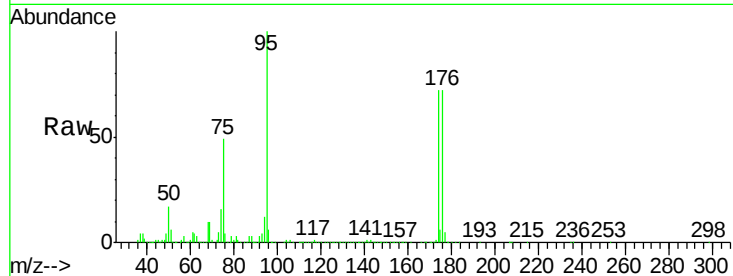
#62
4-Bromofluorobenzene
Concen: 52.324 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	333384		
174	77.2	0.0	160.2	
176	75.4	0.0	155.8	

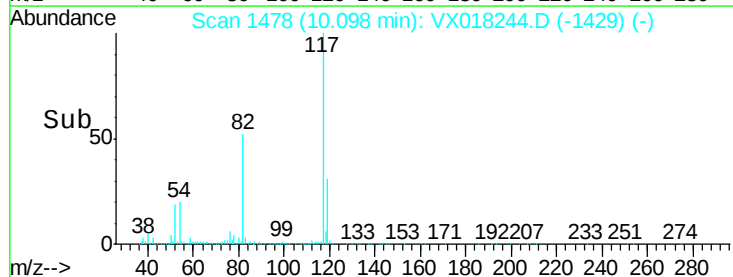
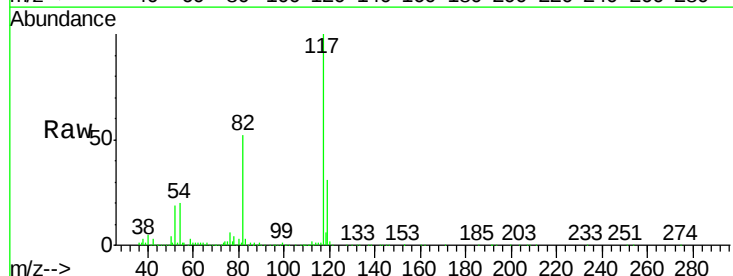
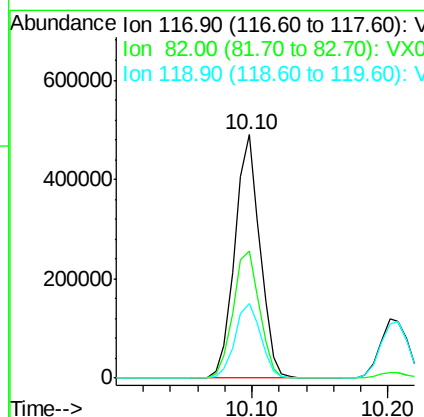
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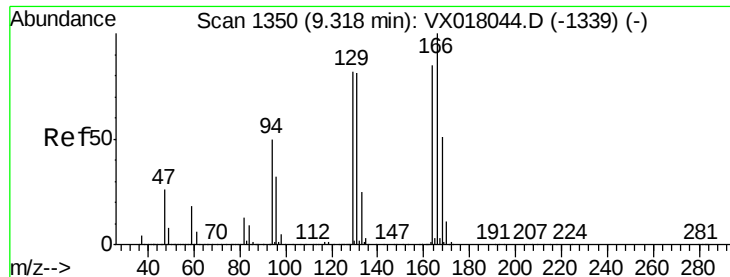
MMDadoda
9/4/2020 9:29:12 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	630167		
82	52.2	44.2	66.2	
119	30.6	25.7	38.5	





#64

Tetrachloroethene

Concen: 47.846 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

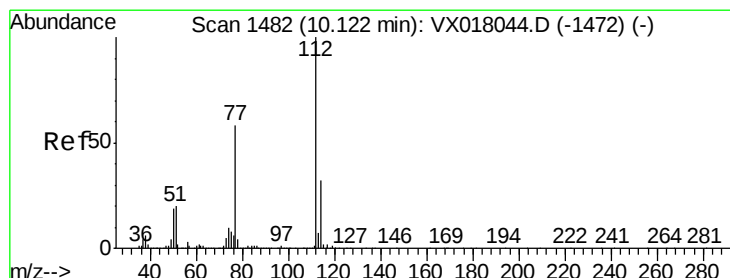
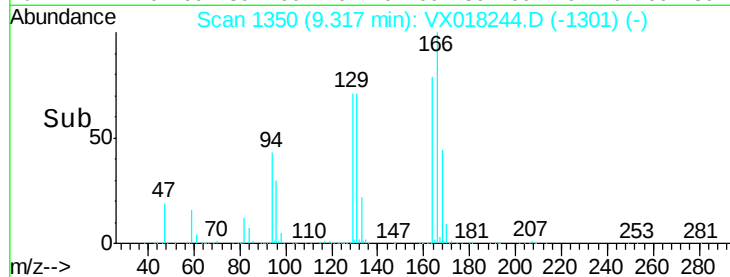
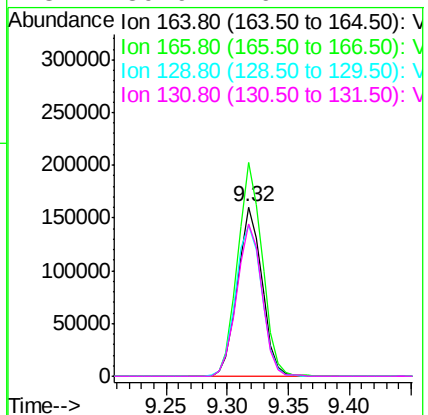
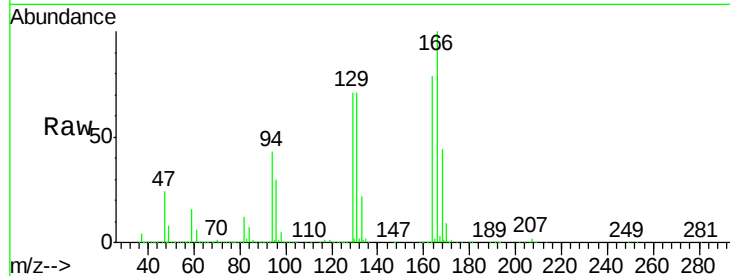
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.4	94.2	141.2	
129	89.2	76.9	115.3	
131	89.9	76.1	114.1	

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#65

Chlorobenzene

Concen: 50.178 ug/l

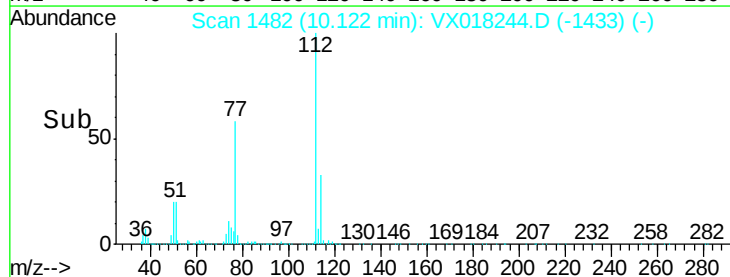
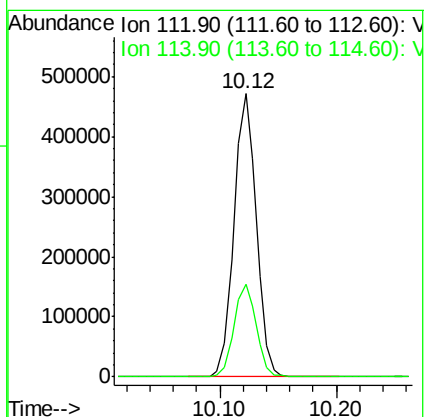
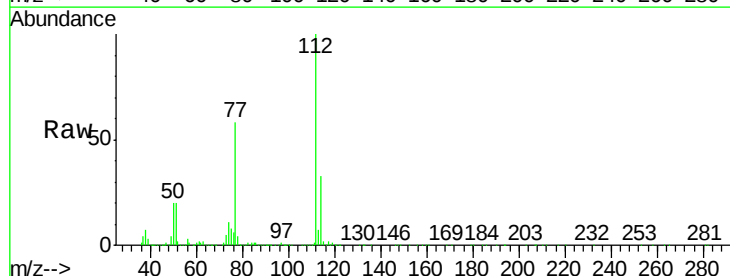
RT: 10.12 min Scan# 1482

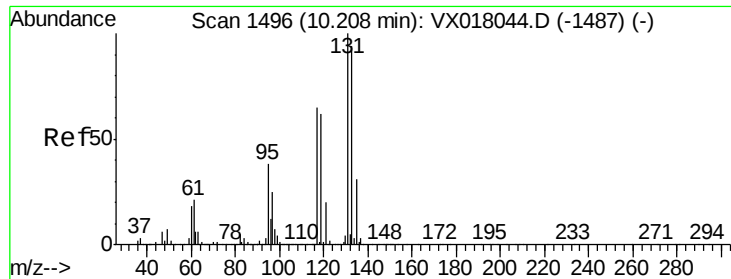
Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.6	25.7	38.5	





#66

1,1,1,2-Tetrachloroethane

Concen: 52.051 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

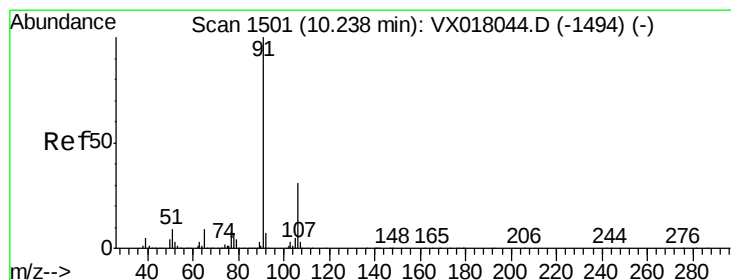
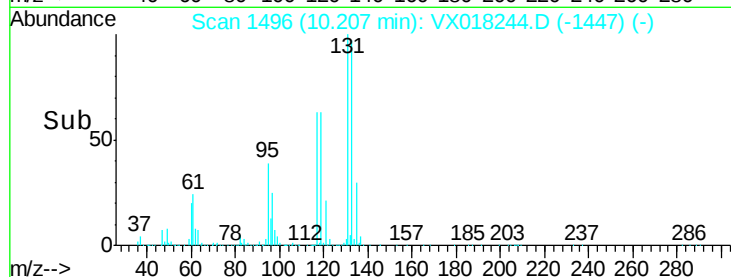
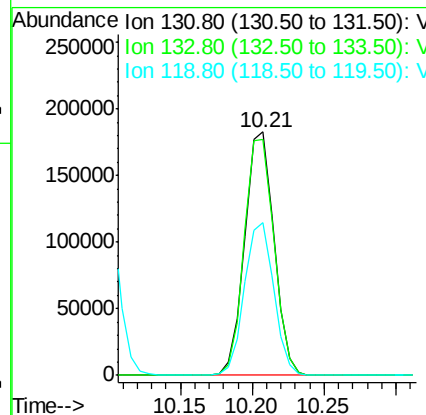
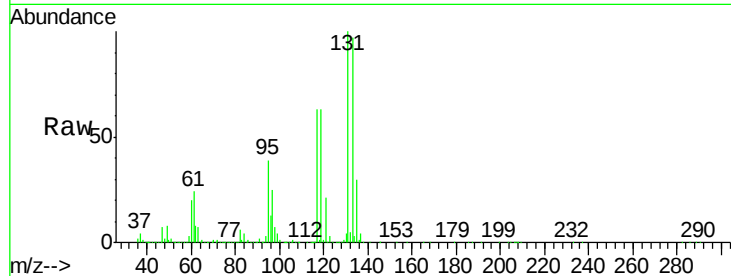
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:	131	Resp:	258197
Ion Ratio	Lower	Upper	
131	100		
133	98.8	46.7	140.1
119	62.7	31.8	95.4

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#67

Ethyl Benzene

Concen: 52.061 ug/l

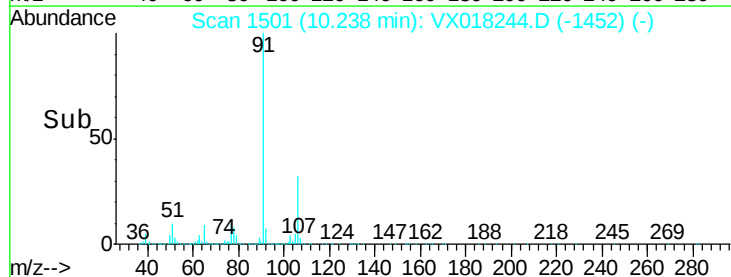
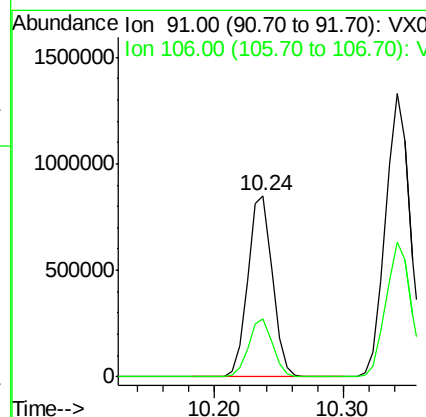
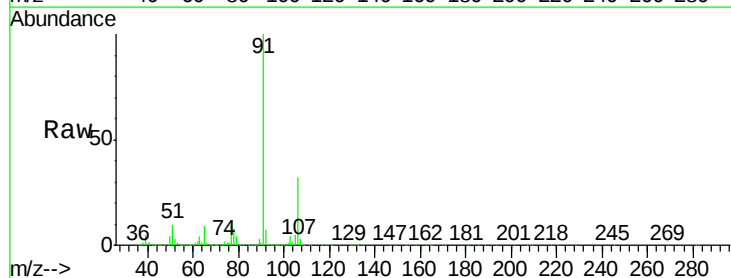
RT: 10.24 min Scan# 1501

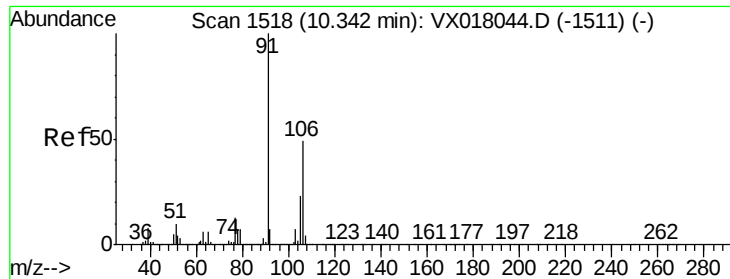
Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion:	91	Resp:	1114293
Ion Ratio	Lower	Upper	
91	100		
106	31.9	24.9	37.3





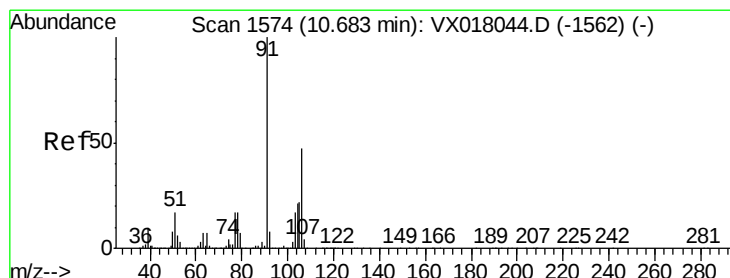
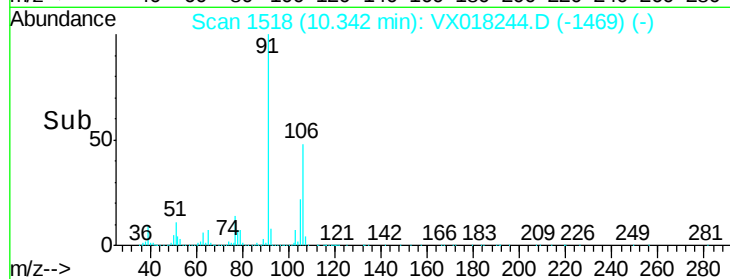
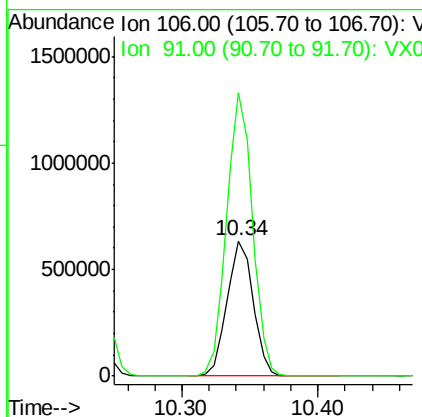
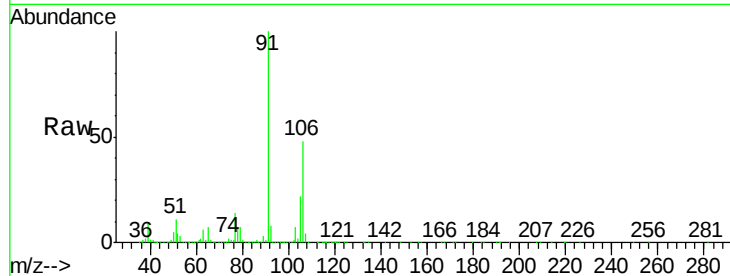
#68
m/p-Xylenes
Concen: 106.112 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.1	162.2	243.2	

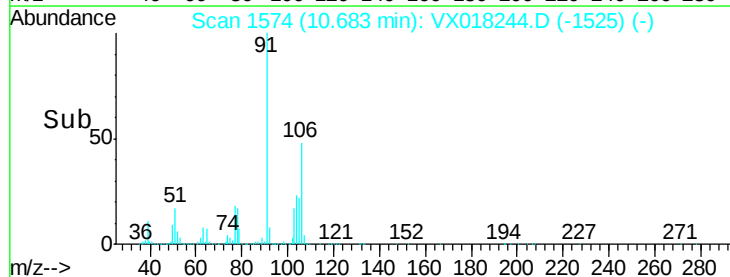
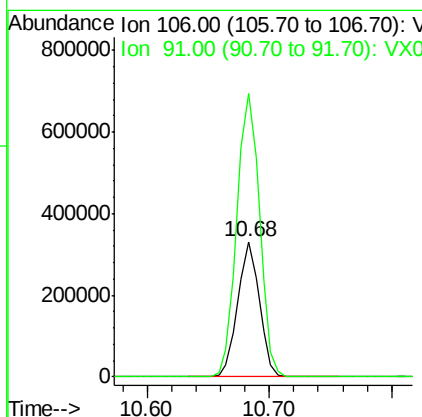
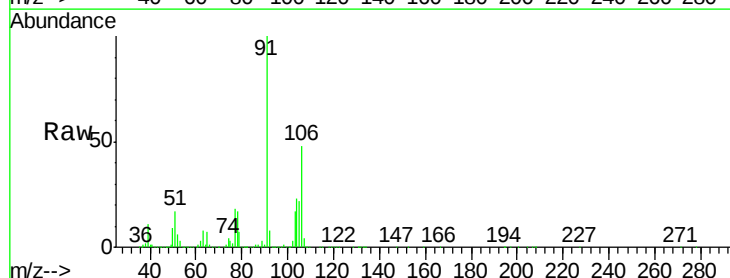
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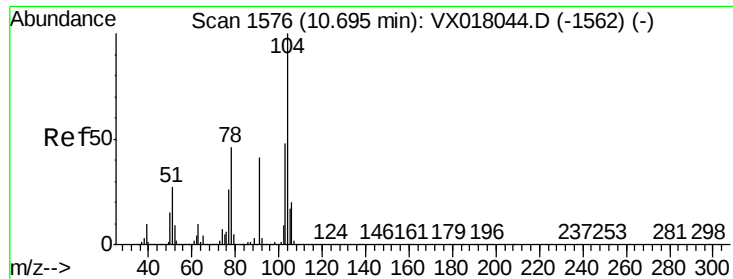
MMDadoda
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#69
o-Xylene
Concen: 52.402 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	218.9	107.1	321.3	





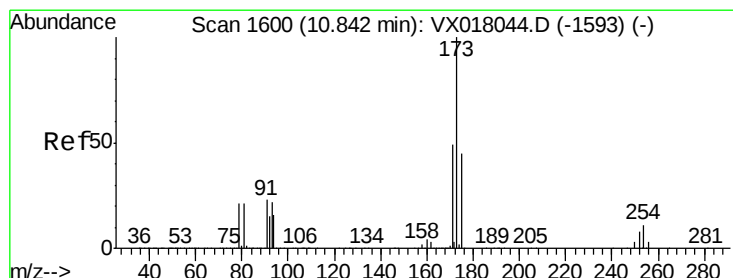
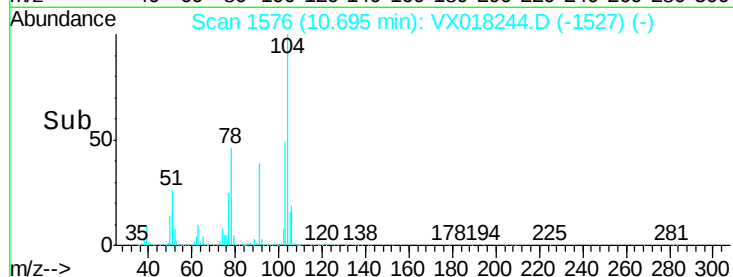
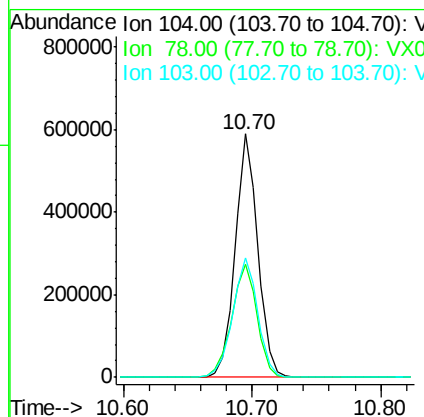
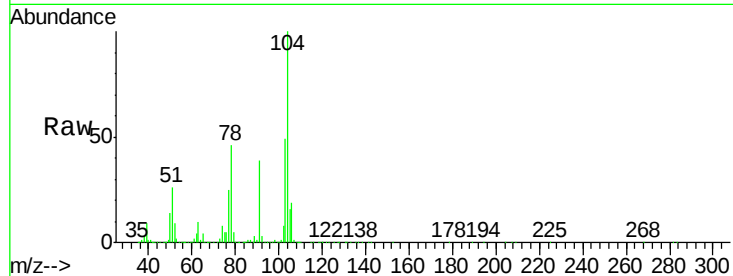
#70
Stvrene
Concen: 54.794 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		722635		
78	52.5		40.9	61.3	
103	54.8		43.6	65.4	

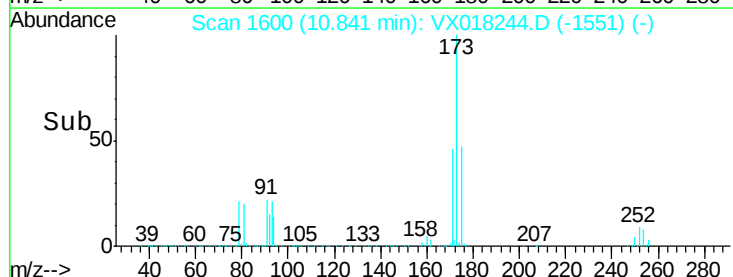
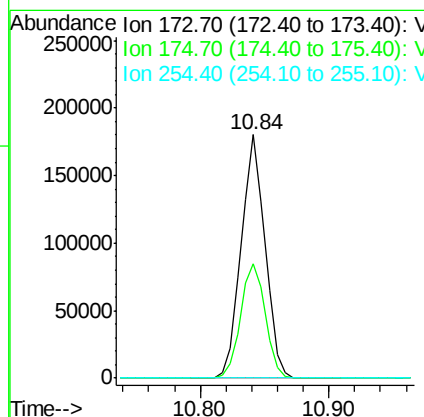
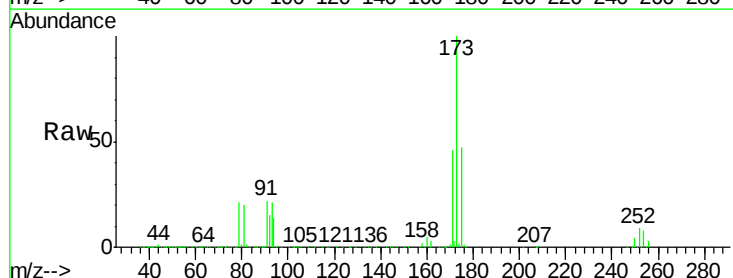
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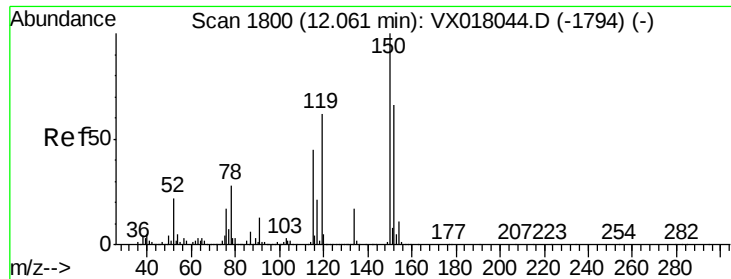
MMDadoda
9/4/2020 9:29:12 AM



#71
Bromoform
Concen: 54.779 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	100		231775		
175	48.2		23.9	71.8	
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: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

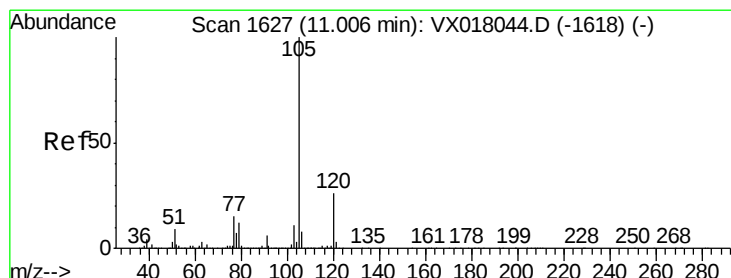
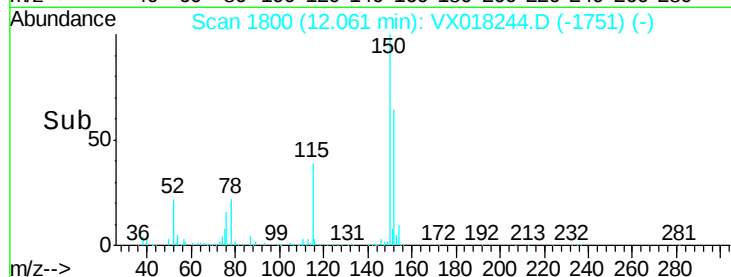
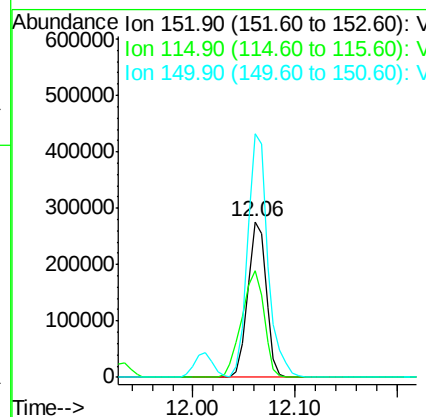
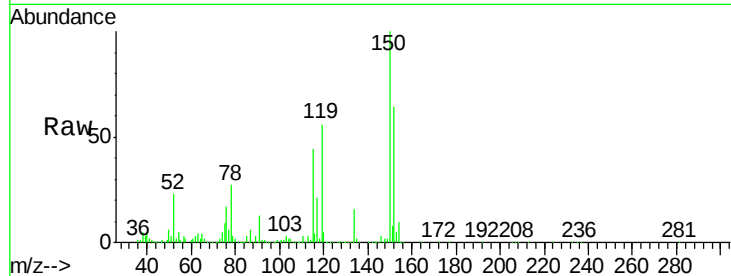
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:	152	Resp:	343308
Ion Ratio	Lower	Upper	
152	100		
115	82.8	41.5	124.5
150	170.1	0.0	343.8

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#73

Isopropylbenzene

Concen: 49.340 ug/l

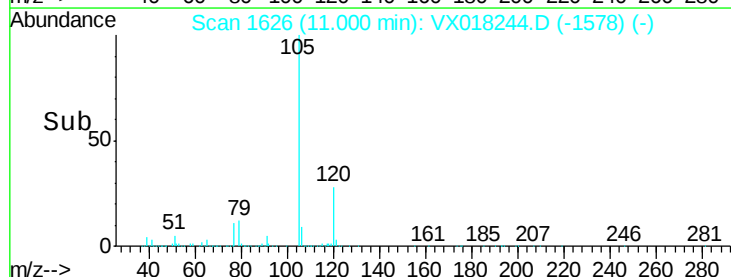
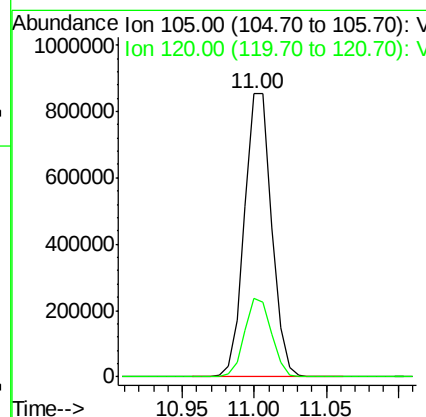
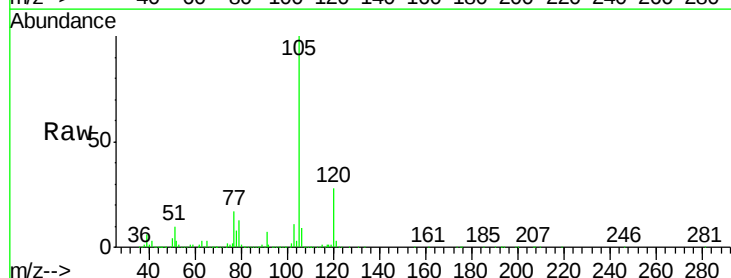
RT: 11.00 min Scan# 1626

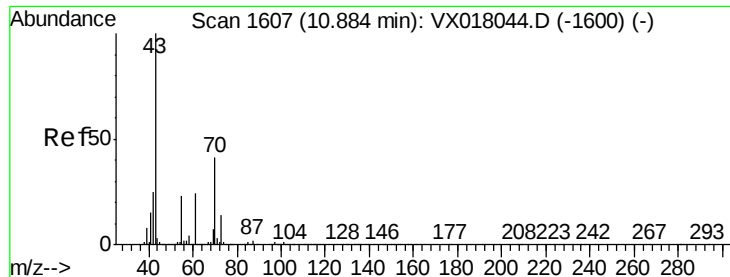
Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion:	105	Resp:	1117309
Ion Ratio	Lower	Upper	
105	100		
120	27.4	13.2	39.5





#74

N-amvl acetate

Concen: 44.039 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

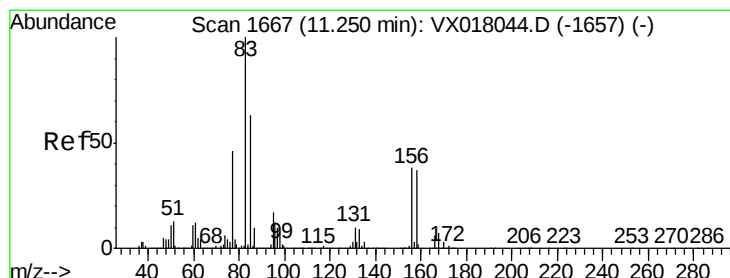
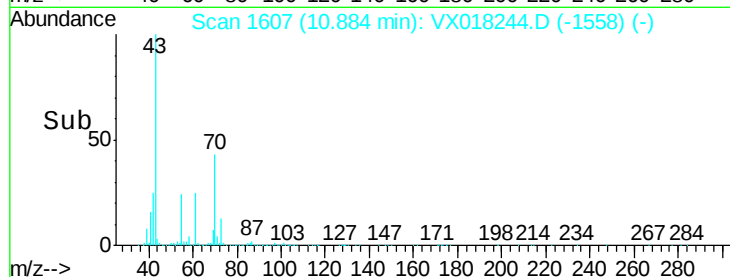
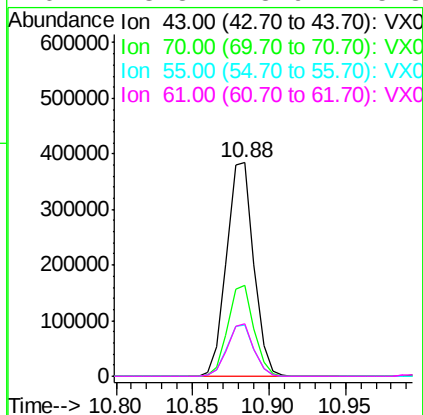
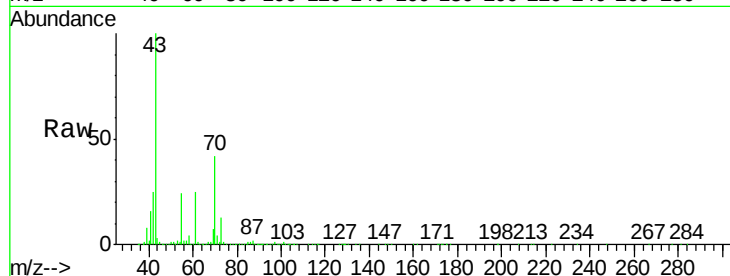
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.3	48.5
55	24.1	18.2	27.2
61	23.8	18.9	28.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 46.300 ug/l

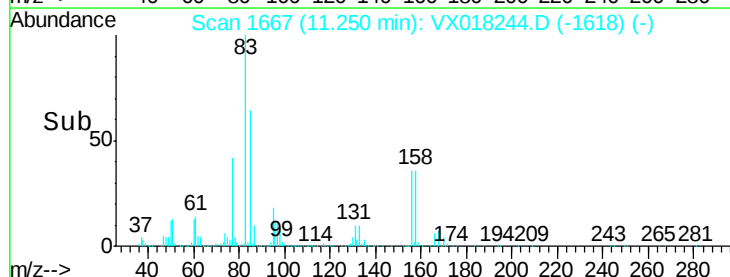
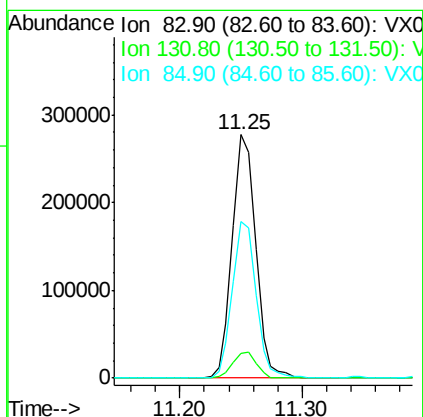
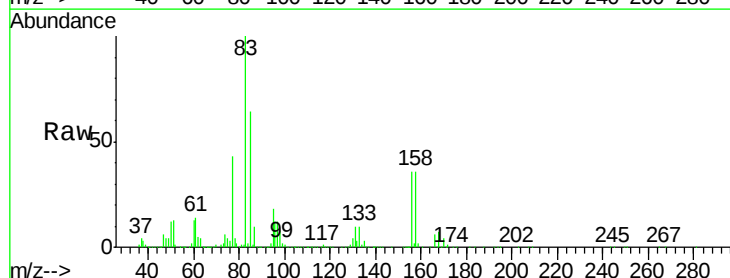
RT: 11.25 min Scan# 1667

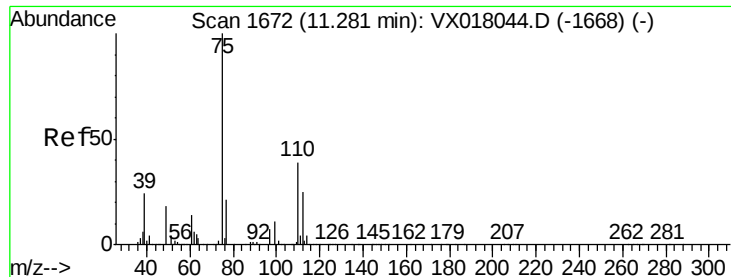
Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.4
85	65.1	32.2	96.6





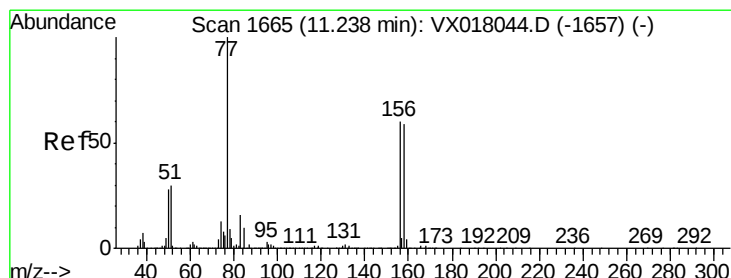
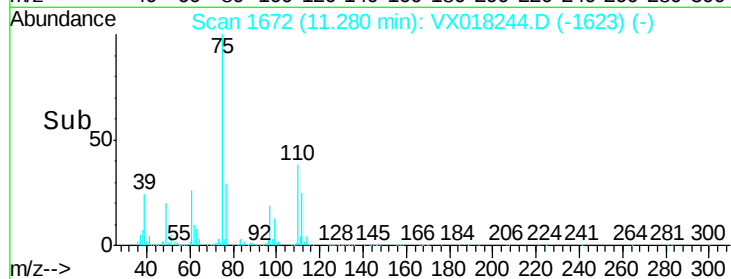
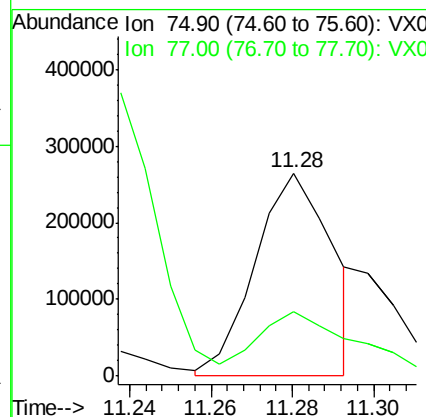
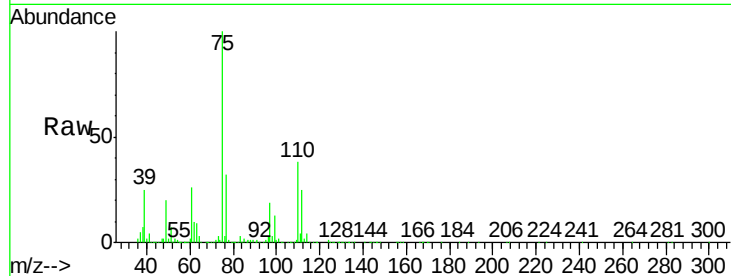
#76
 1,2,3-Trichloropropane
 Concen: 45.738 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	40.5	20.8	62.2

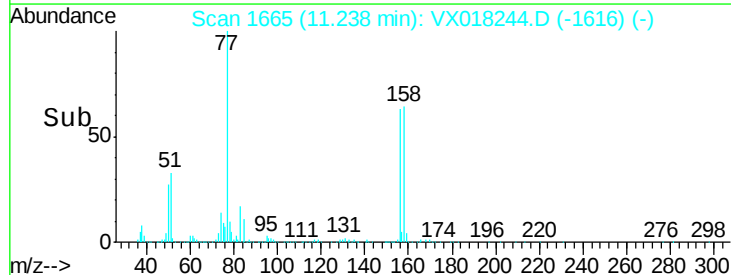
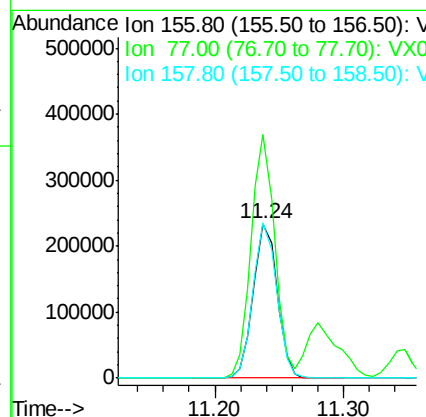
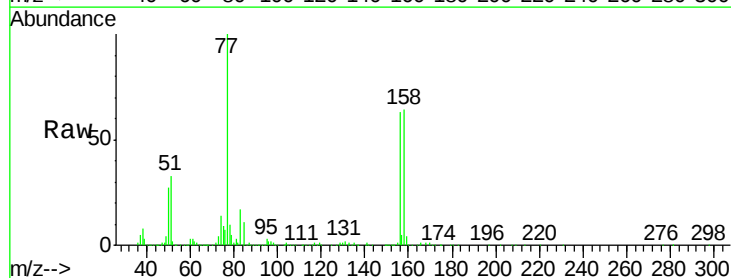
Manual Integrations
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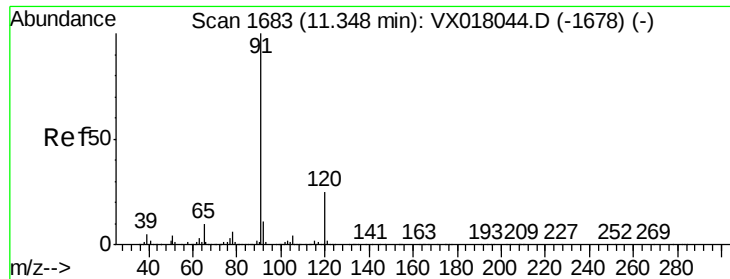
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#77
 Bromobenzene
 Concen: 47.685 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
156	100		
77	155.9	80.0	240.2
158	99.0	49.5	148.7





#78

n-propylbenzene

Concen: 50.314 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion: 91 Resp: 1293689

Ion Ratio Lower Upper

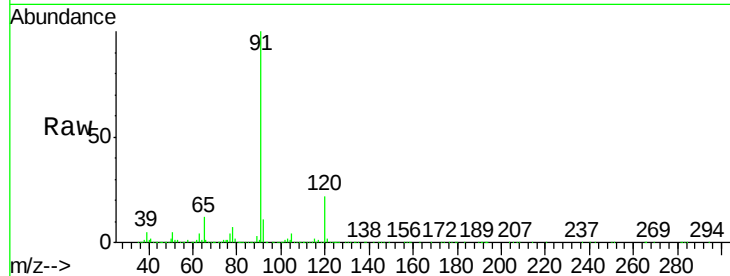
91 100

120 23.3 11.9 35.9

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

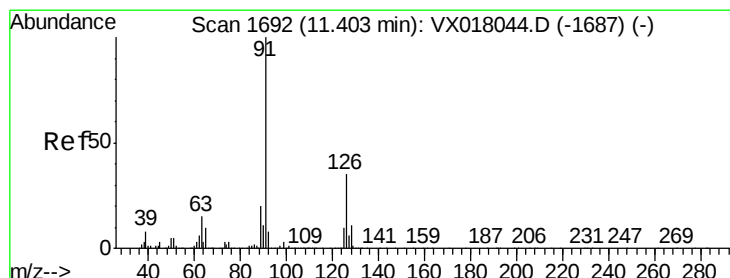
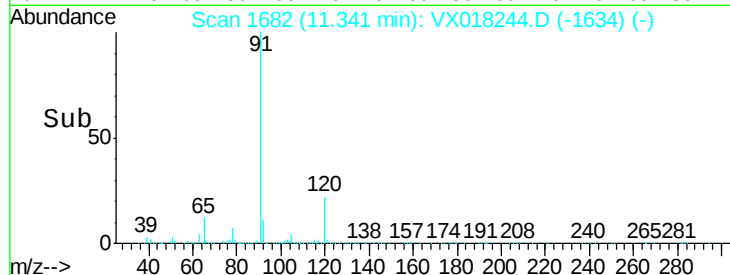
400000

200000

0

11.30 11.35

Time-->



#79

2-Chlorotoluene

Concen: 50.299 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018244.D

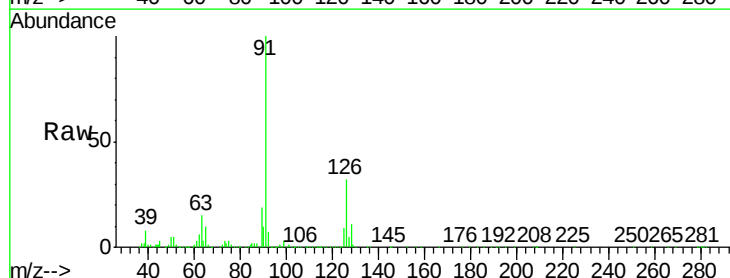
Acq: 03 Sep 2020 18:46

Tgt Ion: 91 Resp: 799031

Ion Ratio Lower Upper

91 100

126 32.9 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

1200000

1000000

800000

600000

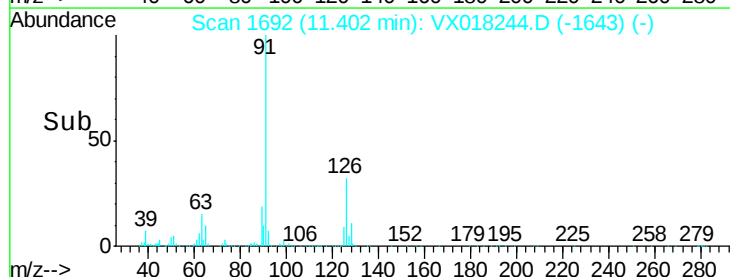
400000

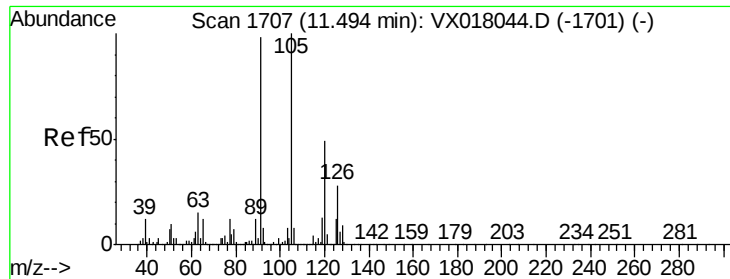
200000

0

11.35 11.40 11.45

Time-->





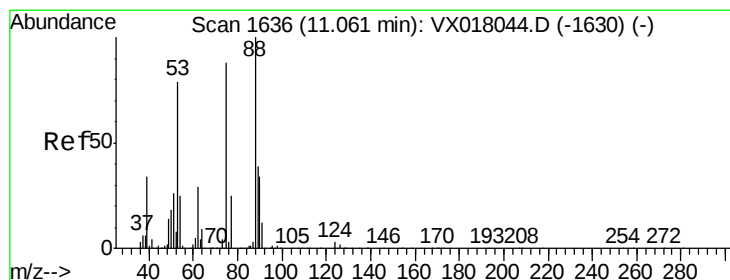
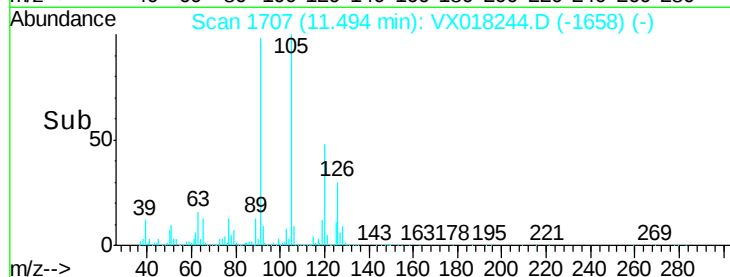
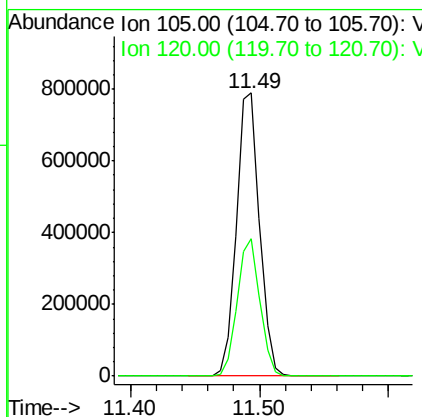
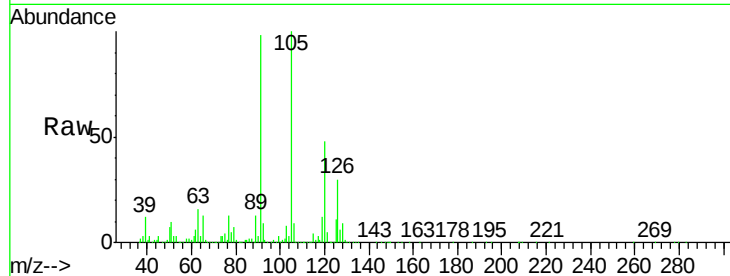
#80
 1,3,5-Trimethylbenzene
 Concen: 52.837 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion: 105 Resp: 983212
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2

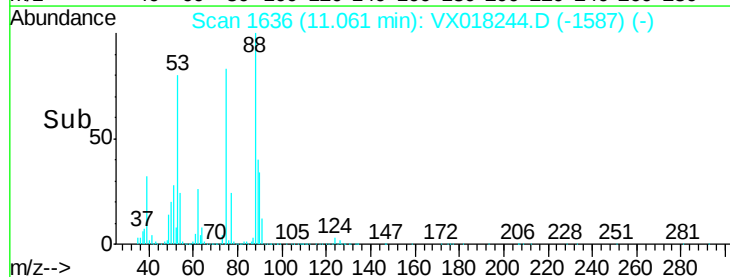
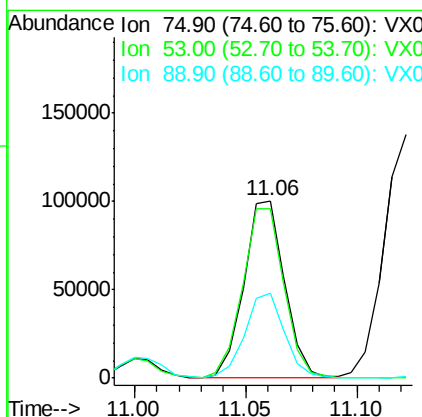
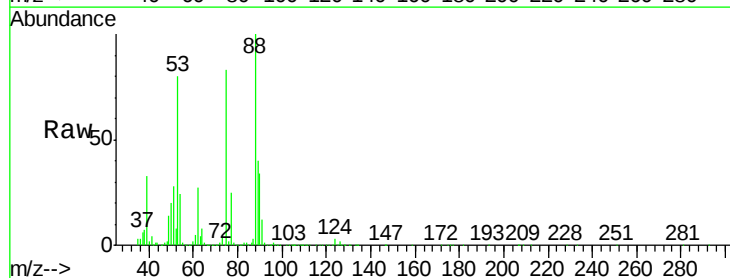
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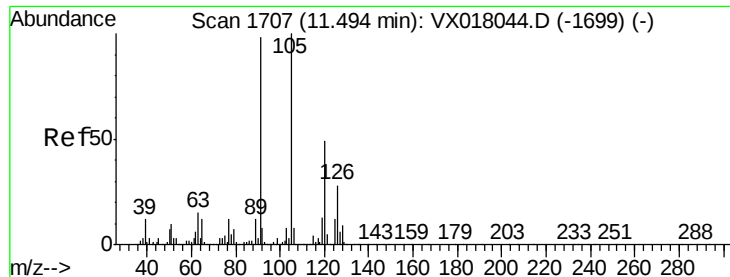
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.940 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion: 75 Resp: 127074
 Ion Ratio Lower Upper
 75 100
 53 98.0 74.7 112.1
 89 46.7 36.6 54.8





#82

4-Chlorotoluene

Concen: 50.323 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion: 91 Resp: 950340

Ion Ratio Lower Upper

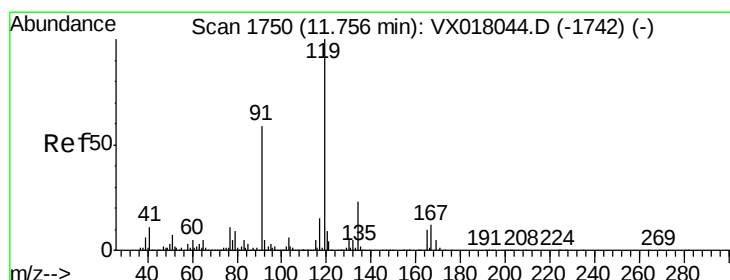
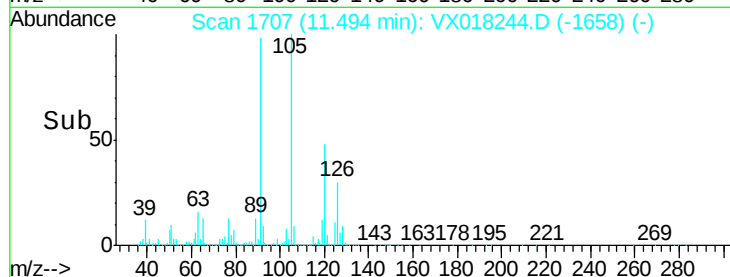
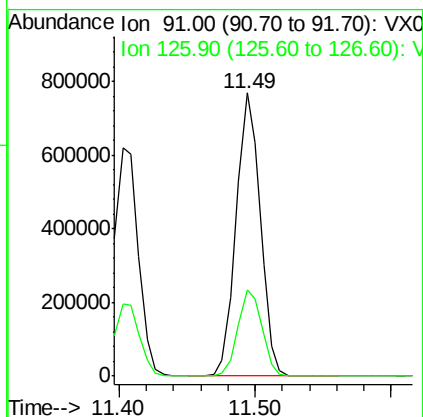
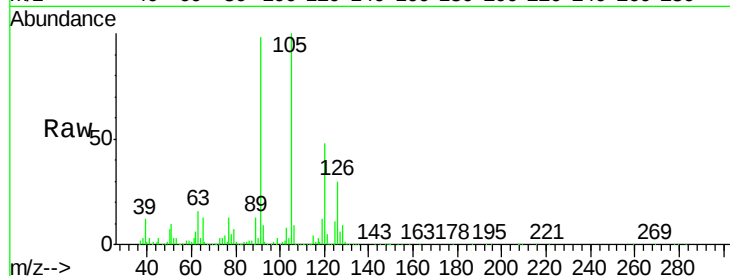
91 100

126 30.5 15.1 45.3

Manual Integrations
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#83

tert-Butylbenzene

Concen: 51.707 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

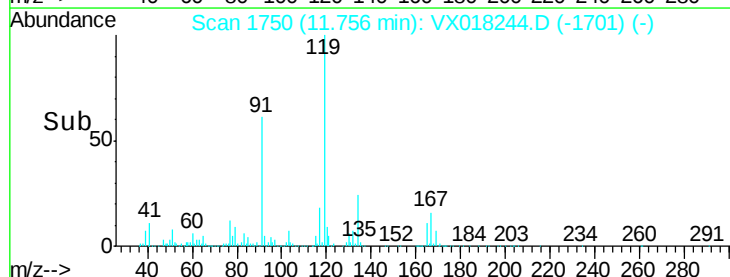
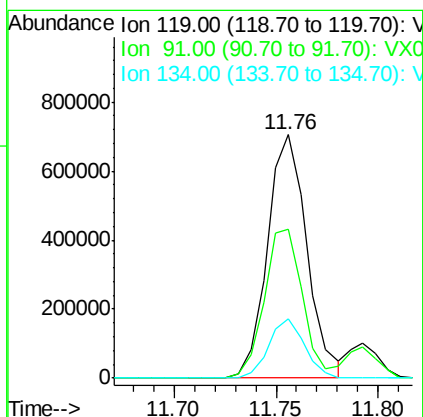
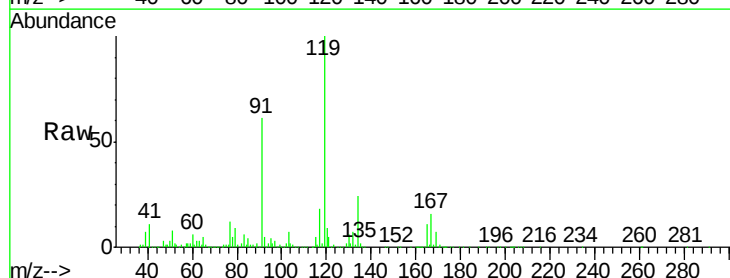
Tgt Ion: 119 Resp: 949553

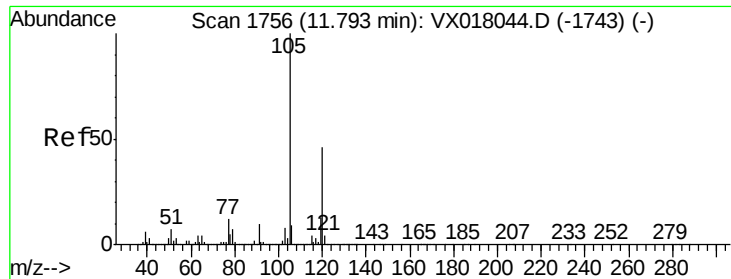
Ion Ratio Lower Upper

119 100

91 58.7 28.2 84.7

134 22.4 11.3 33.8





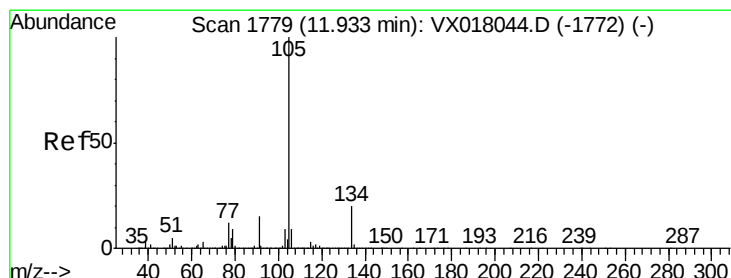
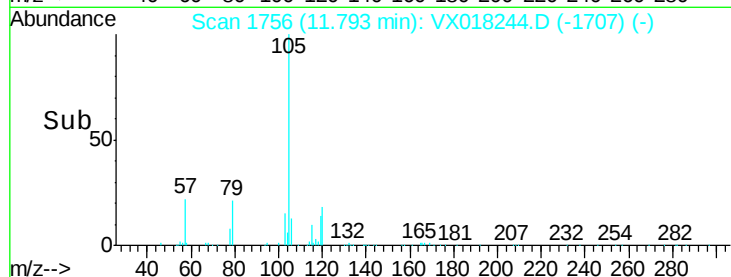
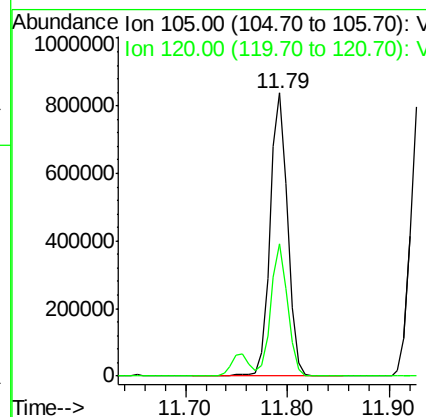
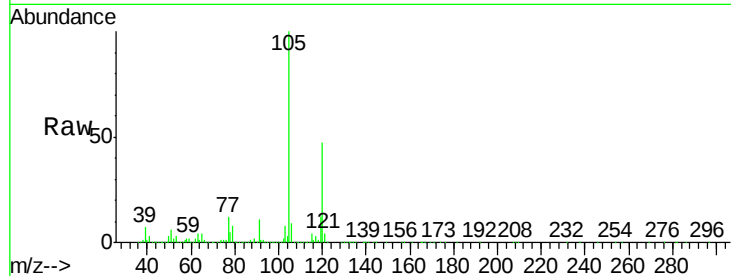
#84
 1,2,4-Trimethylbenzene
 Concen: 52.364 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.3	66.9

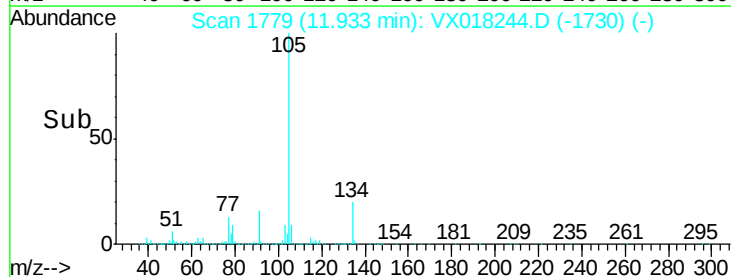
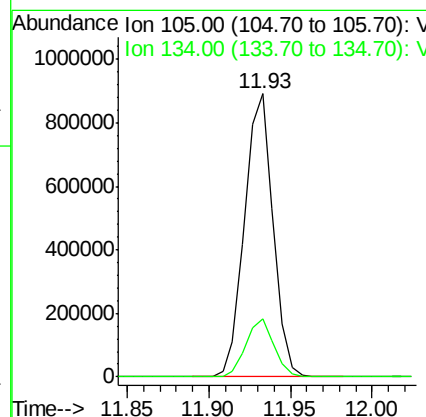
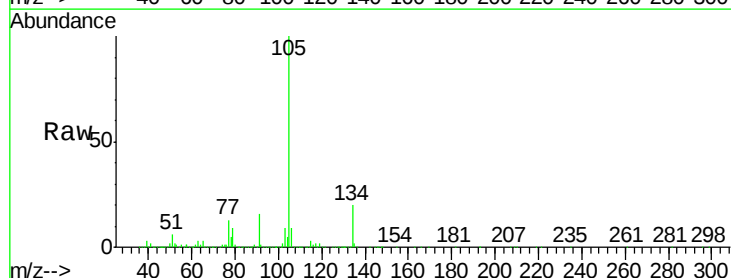
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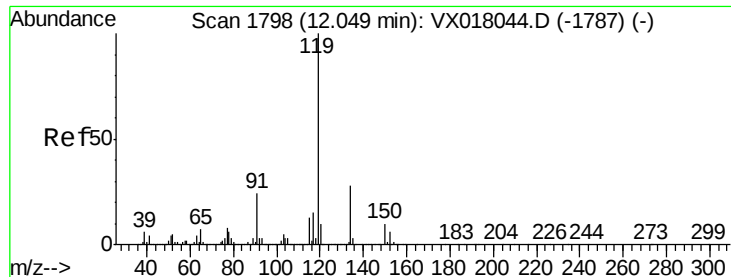
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#85
 sec-Butylbenzene
 Concen: 51.832 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3





#86

p-Isopropyltoluene

Concen: 52.724 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

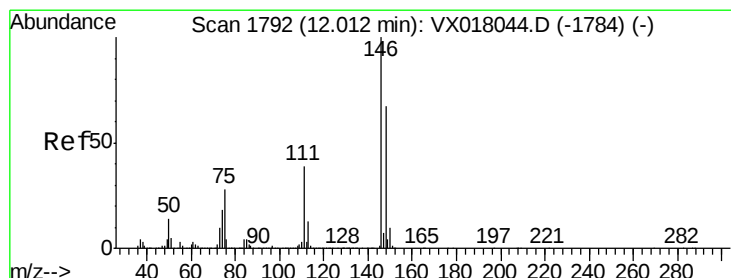
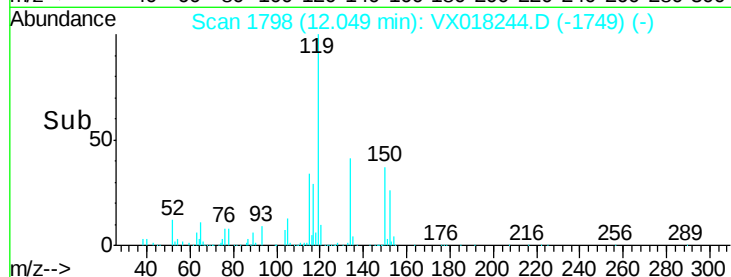
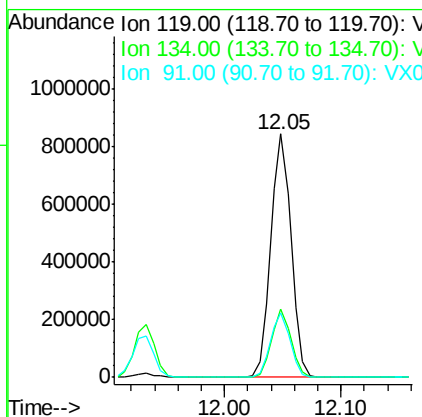
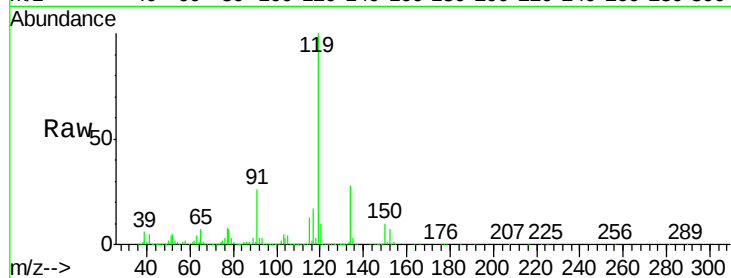
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:	119	Resp:	1011413
Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.2	39.5
91	25.6	11.8	35.4

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#87

1,3-Dichlorobenzene

Concen: 48.041 ug/l

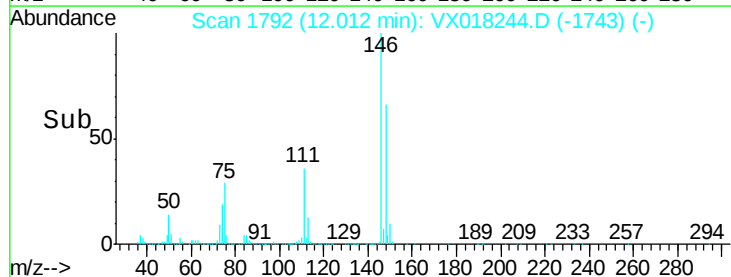
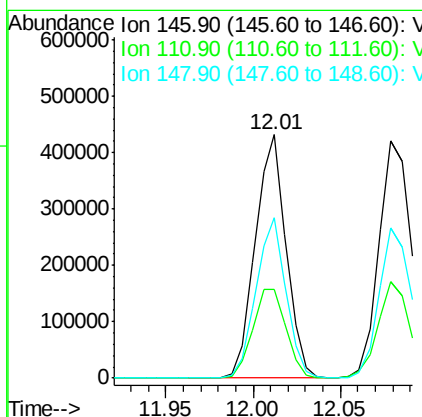
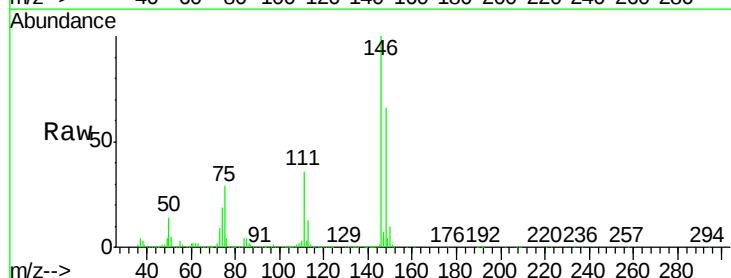
RT: 12.01 min Scan# 1792

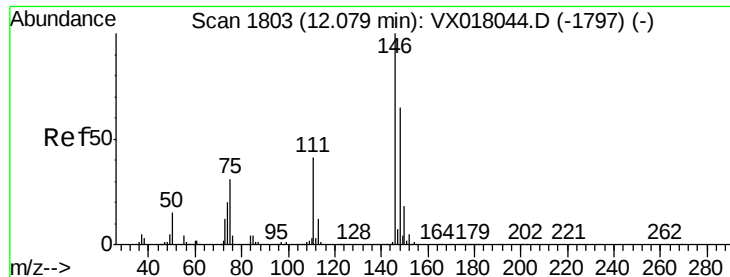
Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion:	146	Resp:	527975
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.6	61.8
148	64.1	33.1	99.2





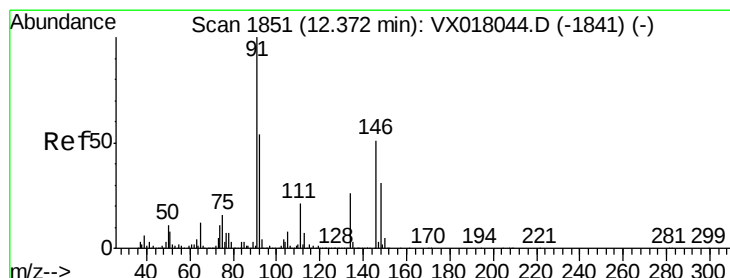
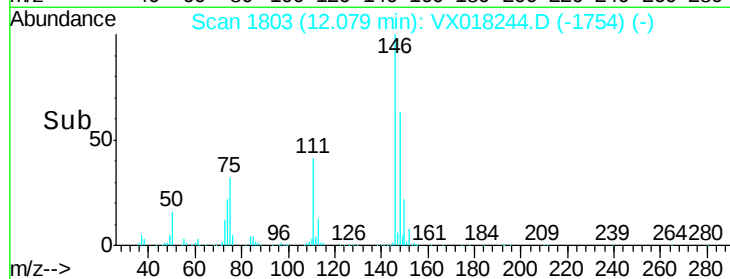
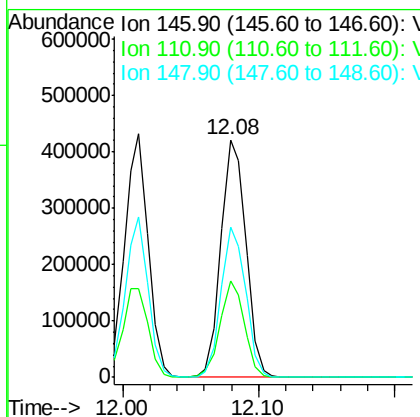
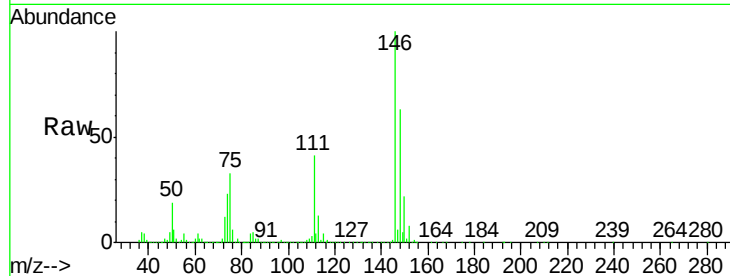
#88
 1,4-Dichlorobenzene
 Concen: 48.824 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	62.3	33.1	99.2

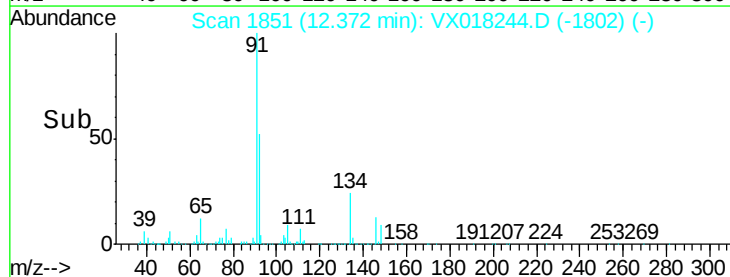
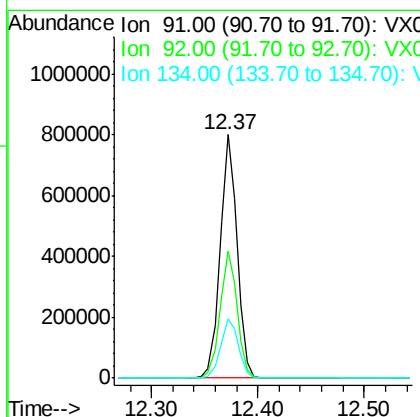
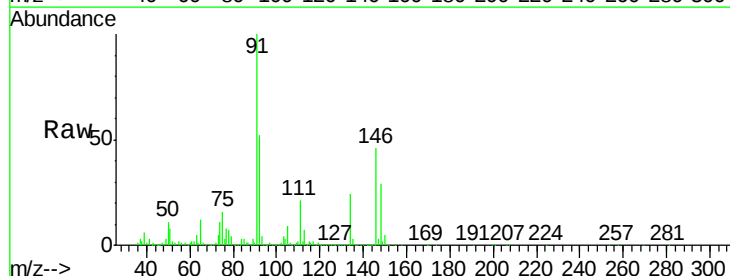
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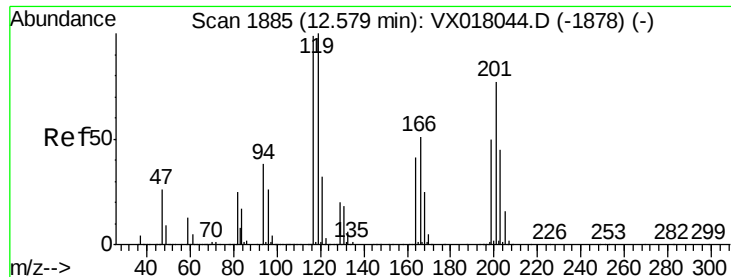
MMDadoda
 9/4/2020 9:29:12 AM



#89
 n-Butylbenzene
 Concen: 50.590 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.2
134	25.4	12.9	38.7





#90

Hexachloroethane

Concen: 52.080 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:117 Resp: 196560

Ion Ratio Lower Upper

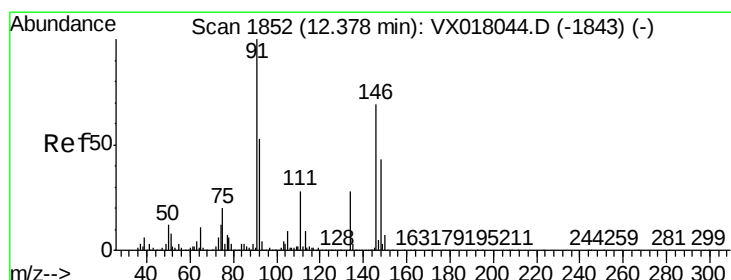
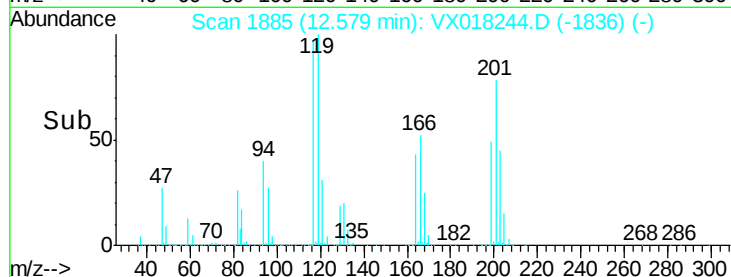
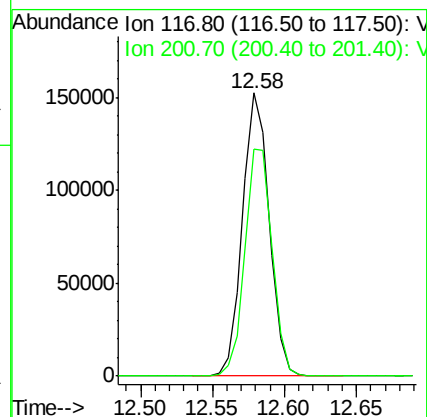
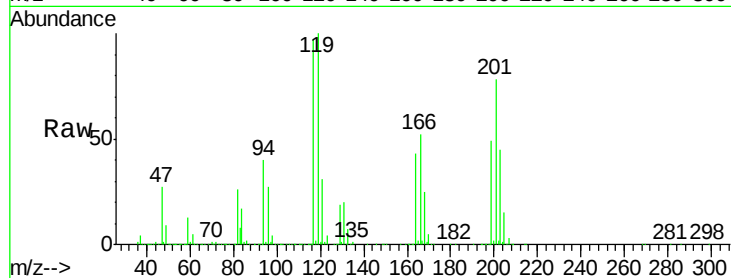
117 100

201 81.9 38.5 115.3

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#91

1,2-Dichlorobenzene

Concen: 49.628 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

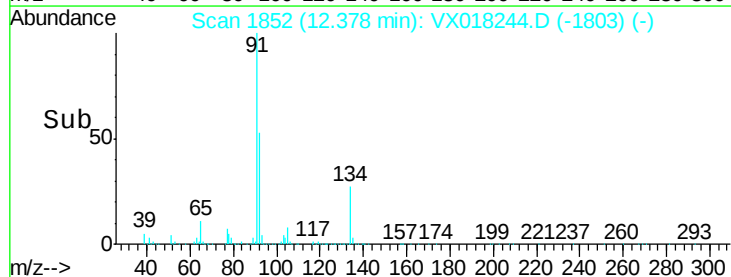
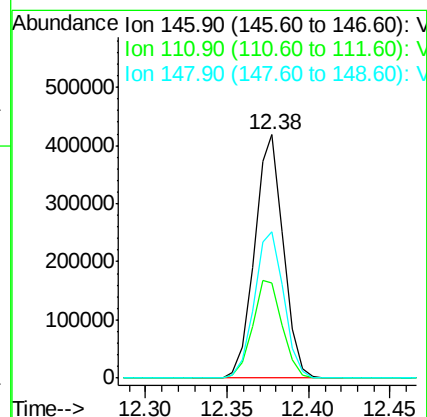
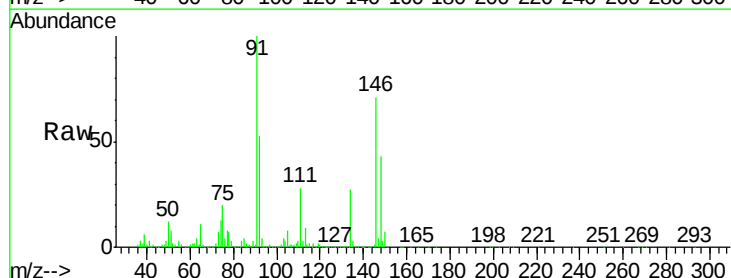
Tgt Ion:146 Resp: 513410

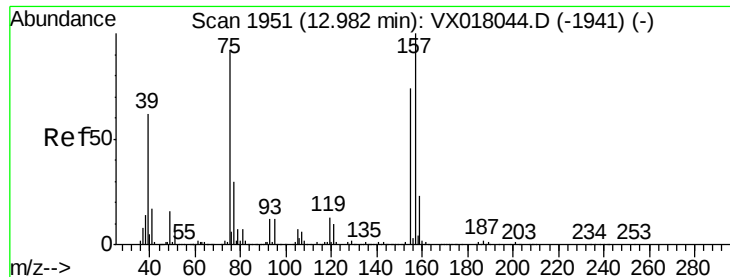
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

148 62.0 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.495 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

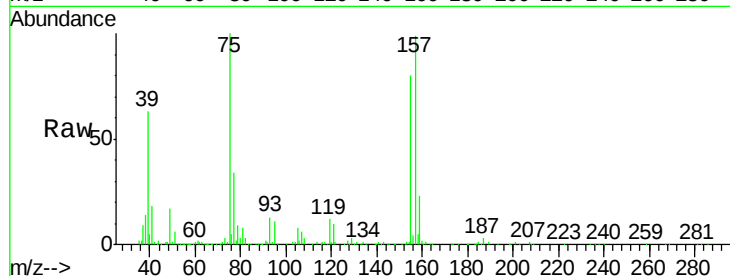
ClientSampleId :

SA-PZ123S-20200902MSD

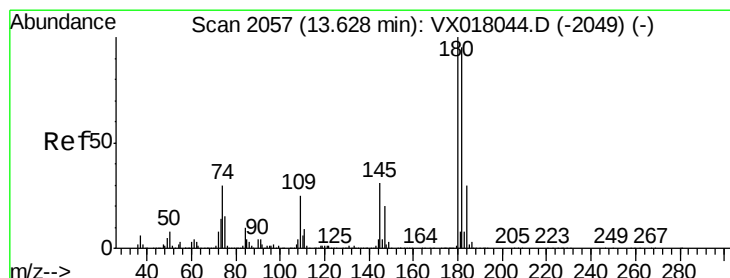
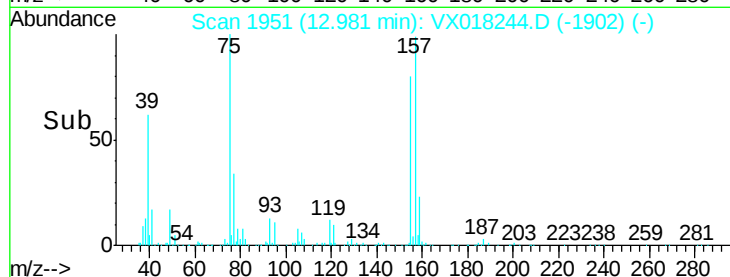
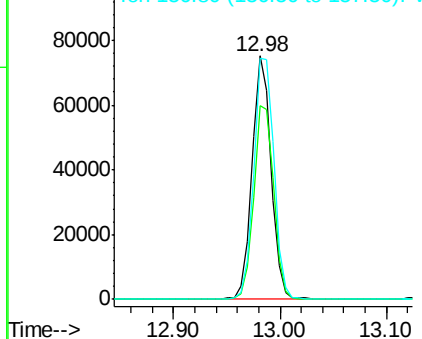
Tot Ion:	75	Resp:	94866
Ion Ratio	Lower	Upper	
75	100		
155	83.1	40.2	120.6
157	104.7	55.0	165.2

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX018244.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.023 ug/l

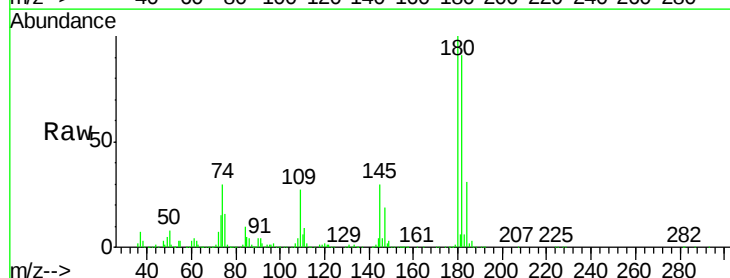
RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

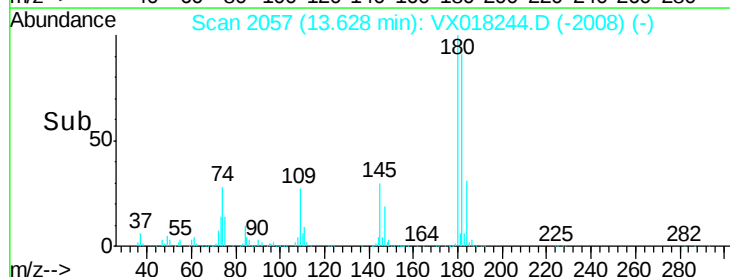
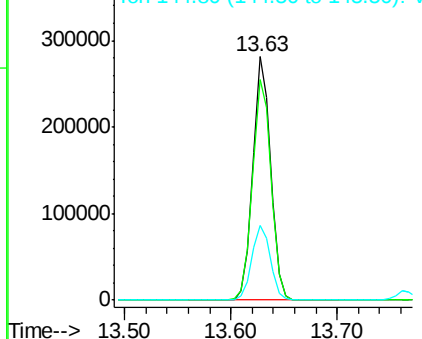
Lab File: VX018244.D

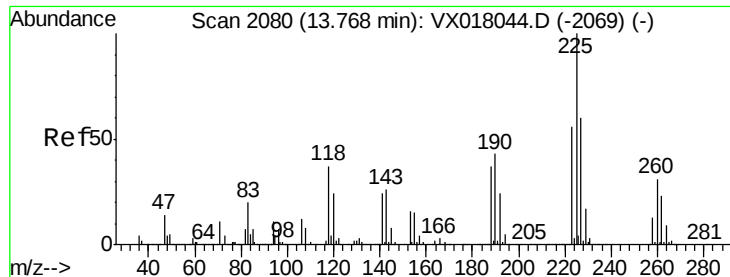
Acq: 03 Sep 2020 18:46

Tgt Ion:	180	Resp:	331279
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.5	142.6
145	32.0	15.7	47.1



Abundance Ion 179.80 (179.50 to 180.50): VX018244.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 49.451 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

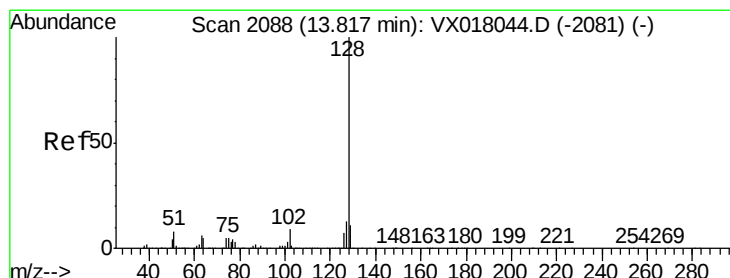
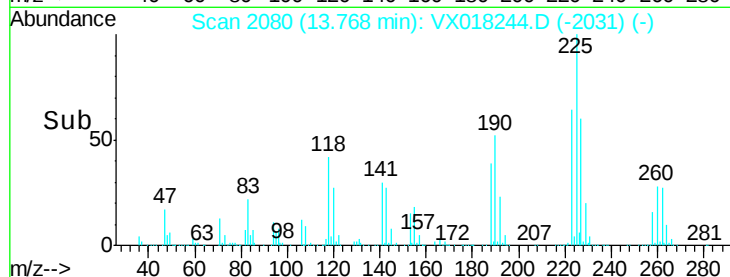
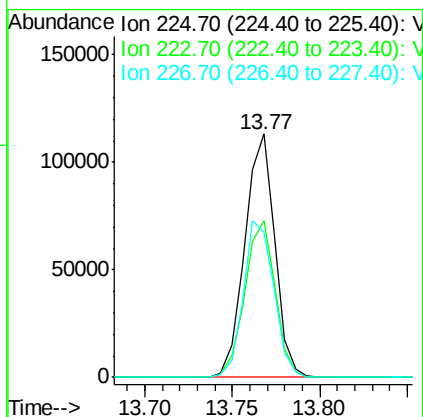
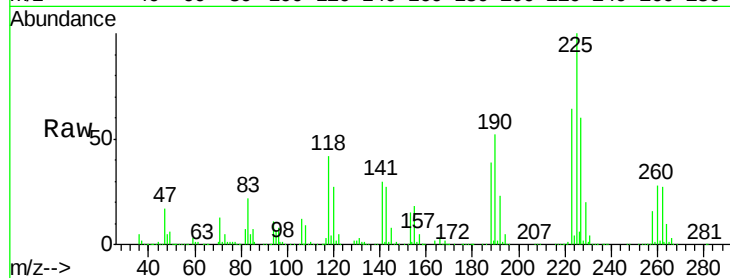
ClientSampleId :

SA-PZ123S-20200902MSD

Tot Ion:	225	Resp:	134553
Ion Ratio		Lower	Upper
225	100		
223	65.4	30.7	92.1
227	65.1	32.6	97.8

Manual Integrations
APPROVED

MMDadoda
9/4/2020 9:29:12 AM



#95

Naphthalene

Concen: 48.863 ug/l

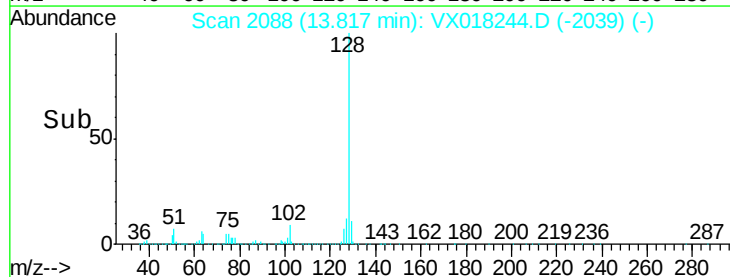
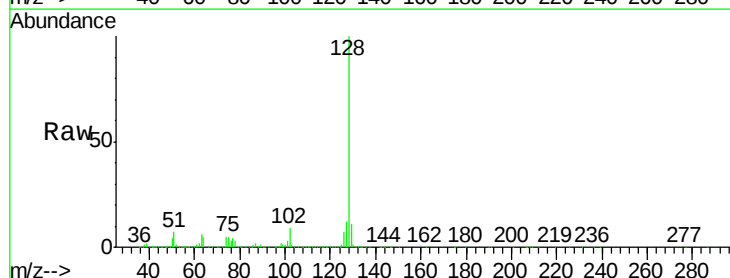
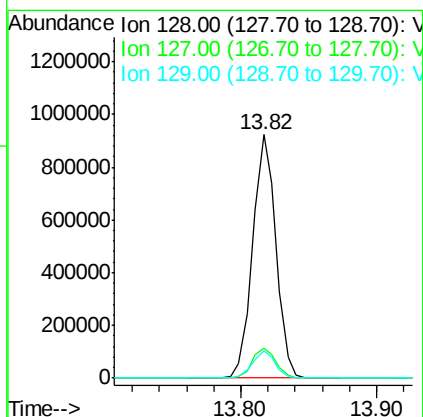
RT: 13.82 min Scan# 2088

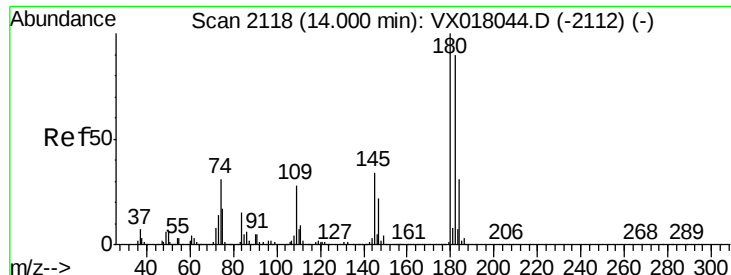
Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion:	128	Resp:	1109340
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.237 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	47.3	142.0
145	34.0	17.5	52.6

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:12 AM

