

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
 Data File : VX018404.D
 Acq On : 15 Sep 2020 14:15
 Operator : JC/SP
 Sample : VX0915WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:45:09 AM

Quant Time: Sep 16 03:56:19 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	407302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	628066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	594869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	318021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	278026	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.46	113	214961	50.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	8.70	98	740655	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
62) 4-Bromofluorobenzene	11.12	95	287271	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	77923	15.714	ug/l	98
3) Chloromethane	1.31	50	76672	14.665	ug/l	99
4) Vinyl Chloride	1.39	62	77962	14.980	ug/l	99
5) Bromomethane	1.64	94	57844	23.043	ug/l	97
6) Chloroethane	1.71	64	48115	17.213	ug/l	93
7) Trichlorofluoromethane	1.92	101	138511	19.518	ug/l	100
8) Diethyl Ether	2.17	74	44689	18.569	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71543	18.648	ug/l	96
10) Methyl Iodide	2.49	142	71447	20.852	ug/l	93
11) Tert butyl alcohol	3.00	59	87931	79.980	ug/l	99
12) 1,1-Dichloroethene	2.36	96	65787	16.528	ug/l	97
13) Acrolein	2.27	56	50100	109.901	ug/l	96
14) Allyl chloride	2.71	41	124964	17.475	ug/l	100
15) Acrylonitrile	3.11	53	208411	83.568	ug/l	99
16) Acetone	2.42	43	186569	84.677	ug/l	97
17) Carbon Disulfide	2.55	76	171872	14.284	ug/l	98
18) Methyl Acetate	2.75	43	107984	20.310	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	254238	18.625	ug/l	99
20) Methylene Chloride	2.84	84	79589	16.893	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	71779	16.277	ug/l	99
22) Diisopropyl ether	3.82	45	251324	17.806	ug/l	96
23) Vinyl Acetate	3.78	43	1084829	86.378	ug/l	100
24) 1,1-Dichloroethane	3.67	63	141274	17.583	ug/l	99
25) 2-Butanone	4.63	43	295719	81.667	ug/l	100
26) 2,2-Dichloropropane	4.56	77	130306	19.933	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	86317	16.988	ug/l	99
28) Bromochloromethane	4.98	49	71346	18.397	ug/l	97
29) Tetrahydrofuran	5.09	42	178355	77.375	ug/l	97
30) Chloroform	5.17	83	151955	18.265	ug/l	96
31) Cyclohexane	5.55	56	108029	15.962	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	141003	18.469	ug/l	98
36) 1,1-Dichloropropene	5.77	75	102548	17.702	ug/l	99
37) Ethyl Acetate	4.79	43	111905	16.632	ug/l	99
38) Carbon Tetrachloride	5.76	117	128869	19.740	ug/l	99

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Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:45:09 AM

Quant Time: Sep 16 03:56:19 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)
39) Methylcyclohexane	7.44	83	107521	16.974	ug/l	96
40) Benzene	6.11	78	302216	17.755	ug/l	99
41) Methacrylonitrile	4.99	41	62938	17.037	ug/l	98
42) 1,2-Dichloroethane	6.17	62	132068	20.250	ug/l	98
43) Isopropyl Acetate	6.41	43	188504	17.346	ug/l	99
44) Trichloroethene	7.19	130	86007	17.882	ug/l	99
45) 1,2-Dichloropropane	7.49	63	84799	18.484	ug/l	99
46) Dibromomethane	7.63	93	58696	18.194	ug/l	100
47) Bromodichloromethane	7.87	83	125054	19.413	ug/l	97
48) Methyl methacrylate	7.74	41	88574	16.373	ug/l	99
49) 1,4-Dioxane	7.71	88	30205	308.234	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	582008	86.701	ug/l	99
52) Toluene	8.76	92	193516	17.929	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	134364	18.820	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	139129	18.396	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	85786	18.635	ug/l	96
56) Ethyl methacrylate	9.16	69	119657	17.485	ug/l	97
57) 1,3-Dichloropropane	9.35	76	138400	18.228	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	297135	96.520	ug/l	99
59) 2-Hexanone	9.47	43	435087	85.239	ug/l	98
60) Dibromochloromethane	9.56	129	101493	18.794	ug/l	99
61) 1,2-Dibromoethane	9.65	107	90224	18.053	ug/l	98
64) Tetrachloroethene	9.32	164	85333	19.521	ug/l	92
65) Chlorobenzene	10.12	112	222327	18.713	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	89838	19.185	ug/l	99
67) Ethyl Benzene	10.23	91	365125	18.071	ug/l	99
68) m/p-Xylenes	10.34	106	277504	36.798	ug/l	98
69) o-Xylene	10.68	106	130718	17.881	ug/l	97
70) Styrene	10.70	104	229198	18.410	ug/l	100
71) Bromoform	10.84	173	75705	18.954	ug/l #	98
73) Isopropylbenzene	11.00	105	362286	17.271	ug/l	99
74) N-amyl acetate	10.88	43	153903	15.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	125964	17.022	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	118361m	16.731	ug/l	
77) Bromobenzene	11.24	156	97725	16.854	ug/l	100
78) n-propylbenzene	11.34	91	408038	17.131	ug/l	100
79) 2-Chlorotoluene	11.40	91	253242	17.209	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	313951	18.213	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	42661	16.287	ug/l	94
82) 4-Chlorotoluene	11.49	91	302355	17.283	ug/l	99
83) tert-Butylbenzene	11.76	119	302847	17.802	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	321951	18.268	ug/l	99
85) sec-Butylbenzene	11.93	105	353859	18.292	ug/l	100
86) p-Isopropyltoluene	12.05	119	332816	18.729	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	179188	17.601	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	183381	17.990	ug/l	98
89) n-Butylbenzene	12.37	91	291736	17.987	ug/l	99
90) Hexachloroethane	12.58	117	67349	19.264	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	177568	18.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	29399	15.889	ug/l	94

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

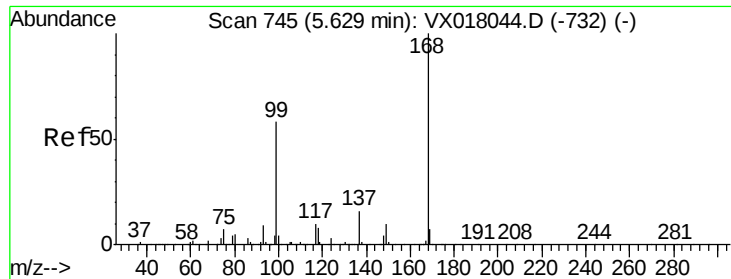
Manual Integrations
APPROVED

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9/16/2020 11:45:09 AM

Quant Time: Sep 16 03:56:19 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)
93) 1,2,4-Trichlorobenzene	13.63	180	113929	17.828	ug/l	99
94) Hexachlorobutadiene	13.76	225	52791	20.944	ug/l	98
95) Naphthalene	13.82	128	352352	16.754	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	119432	18.915	ug/l	93

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



#1

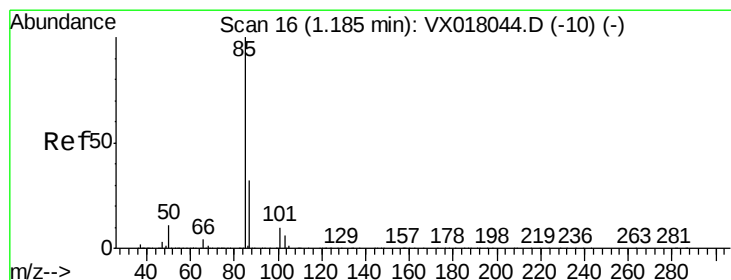
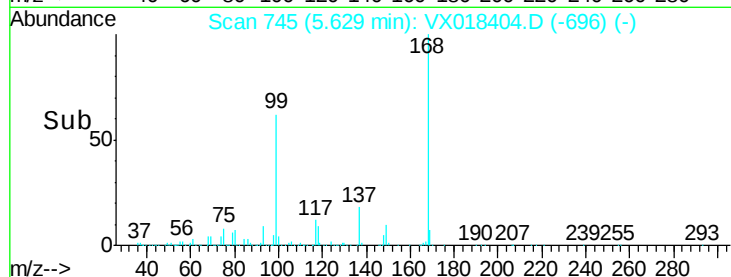
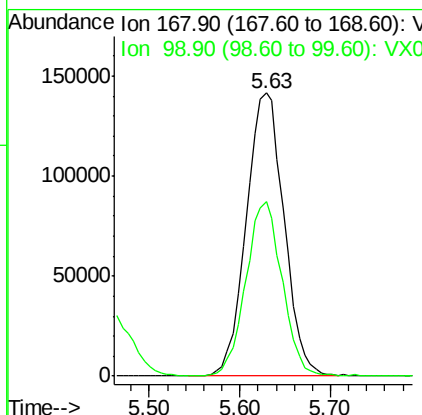
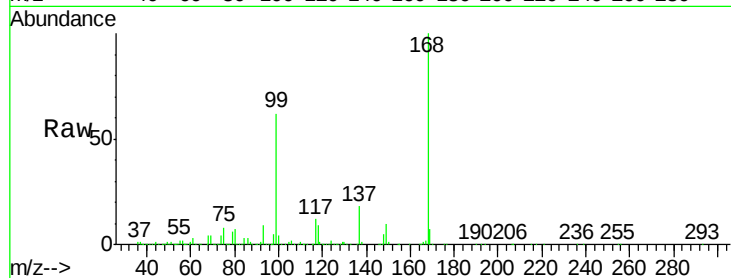
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	61.6	46.3	69.5

Manual Integrations
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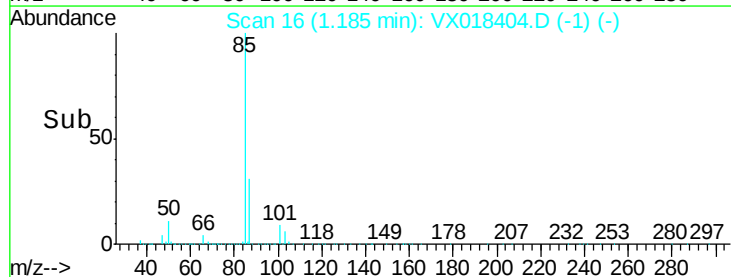
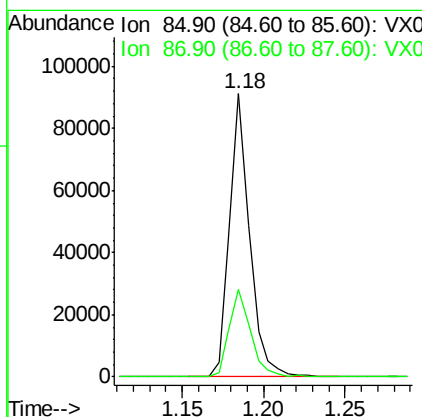
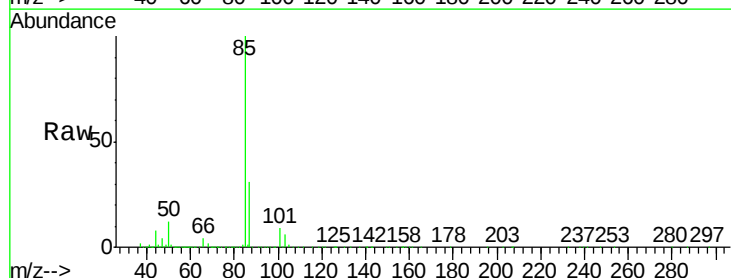
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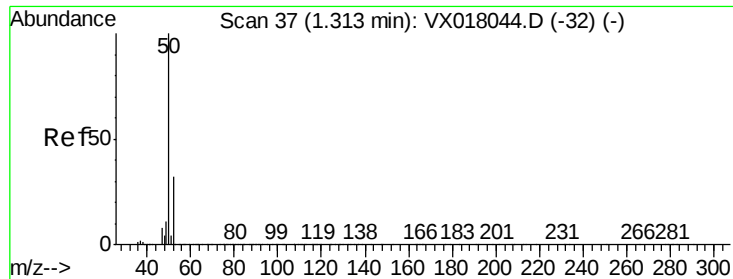


#2

Dichlorodifluoromethane
 Concen: 15.714 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	16.1	48.2





#3

Chloromethane

Concen: 14.665 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 50 Resp: 76672

Ion Ratio Lower Upper

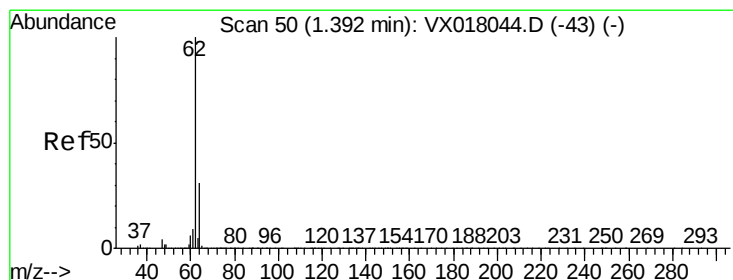
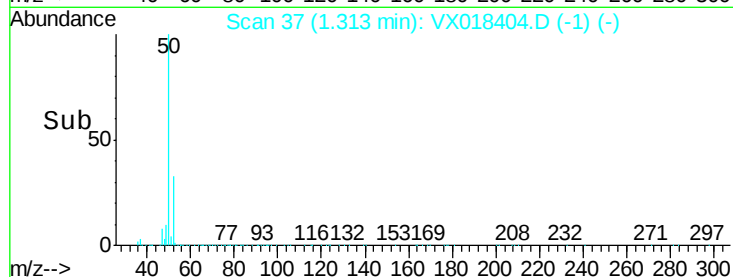
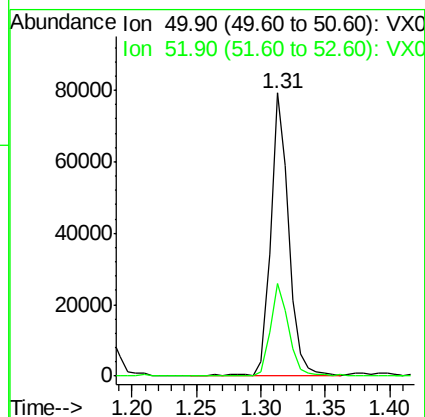
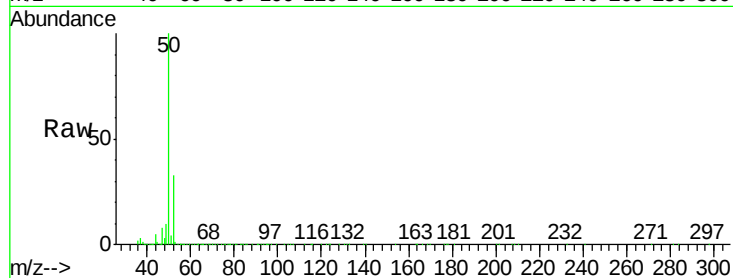
50 100

52 32.3 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 14.980 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018404.D

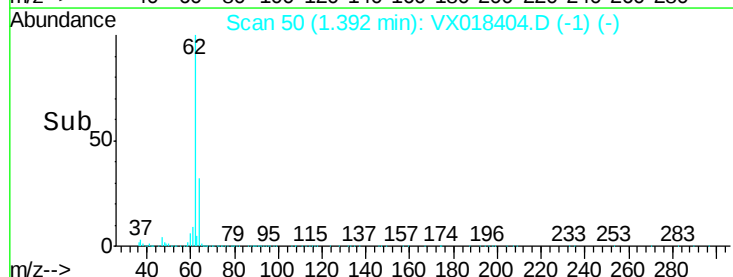
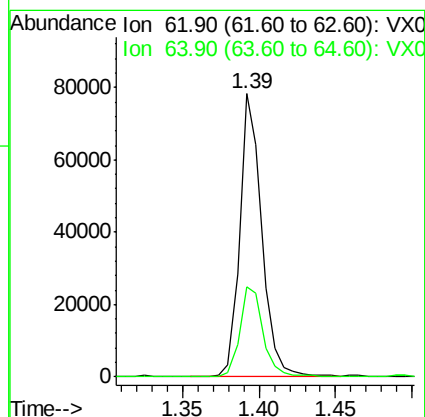
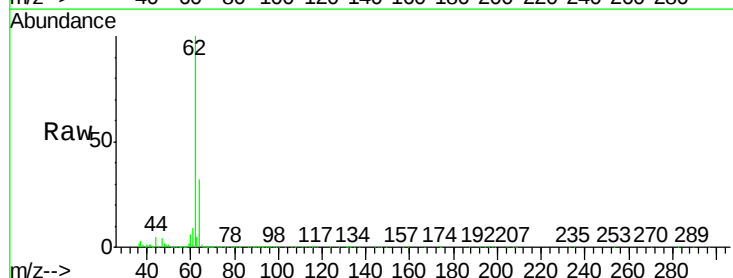
Acq: 15 Sep 2020 14:15

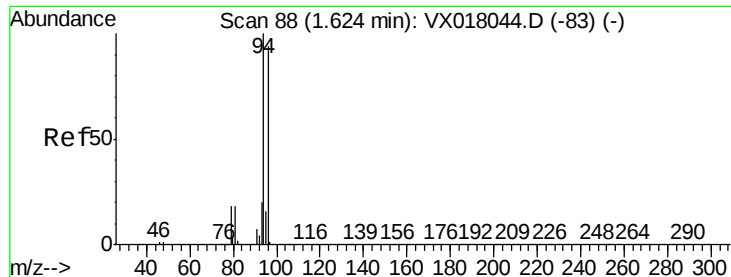
Tgt Ion: 62 Resp: 77962

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 23.043 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 94 Resp: 57844

Ion Ratio Lower Upper

94 100

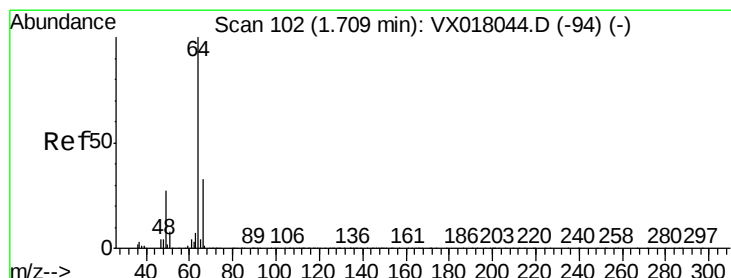
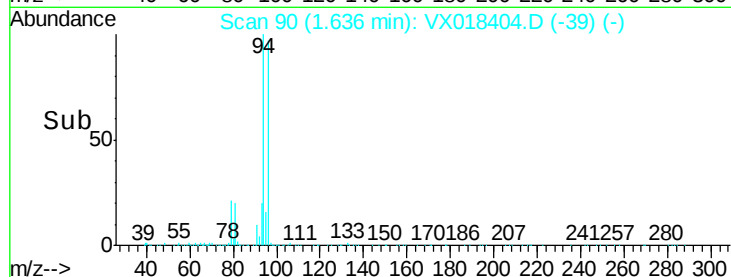
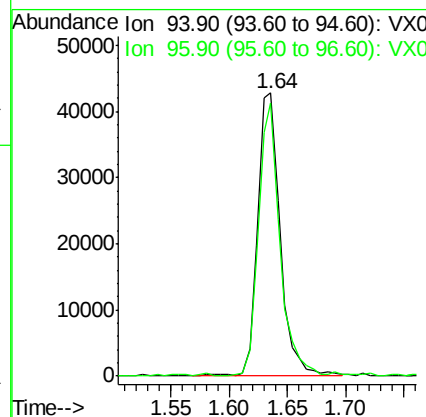
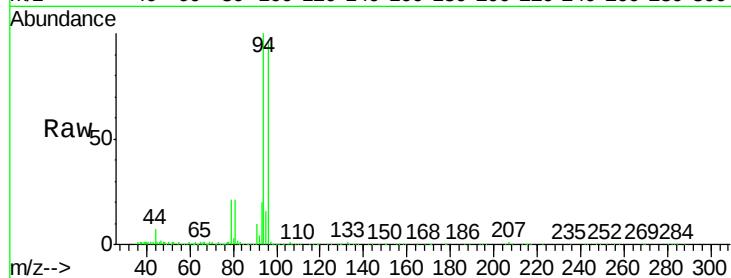
96 96.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.213 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018404.D

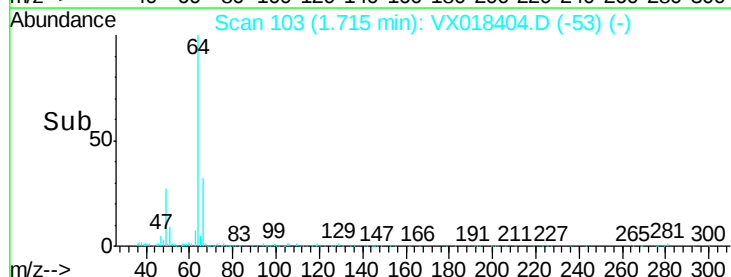
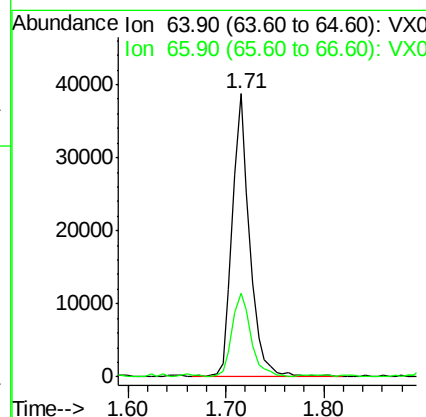
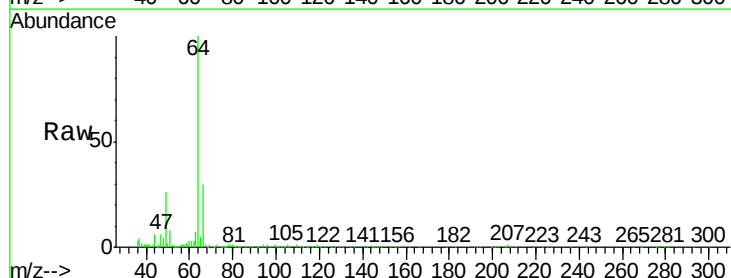
Acq: 15 Sep 2020 14:15

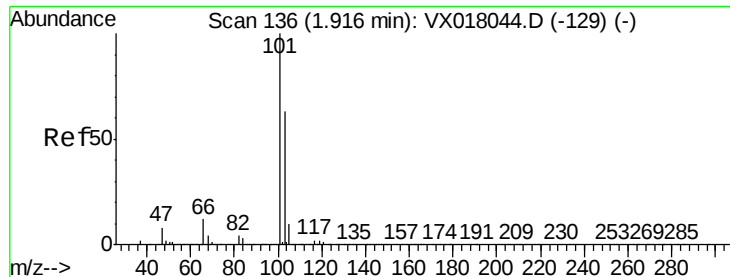
Tgt Ion: 64 Resp: 48115

Ion Ratio Lower Upper

64 100

66 29.3 26.6 39.8





#7

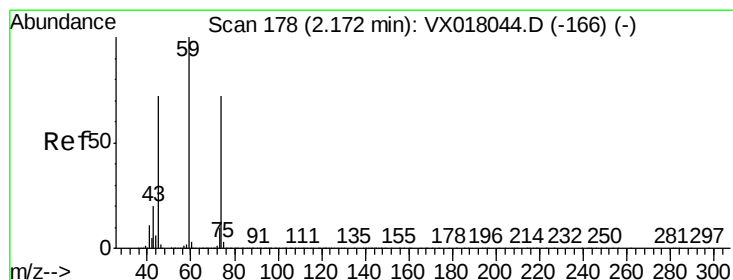
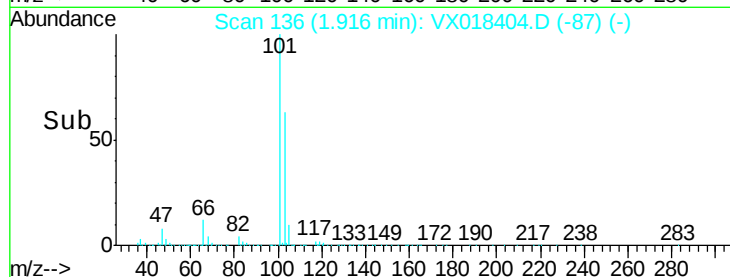
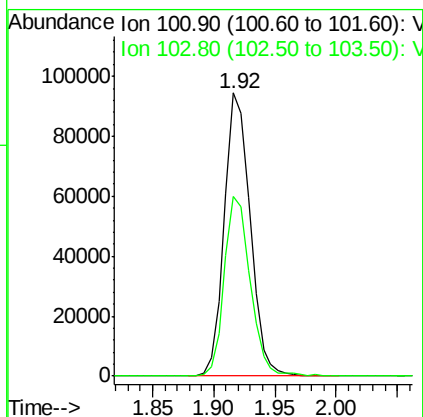
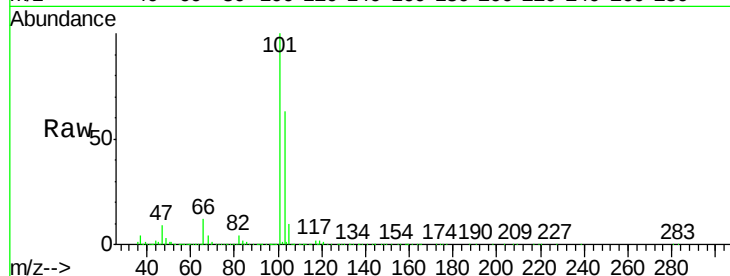
Trichlorofluoromethane
Concen: 19.518 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.7	76.1

Manual Integrations
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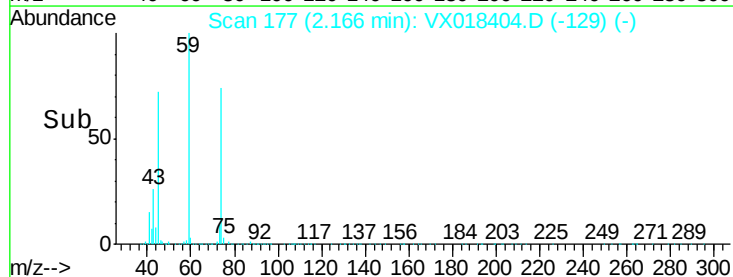
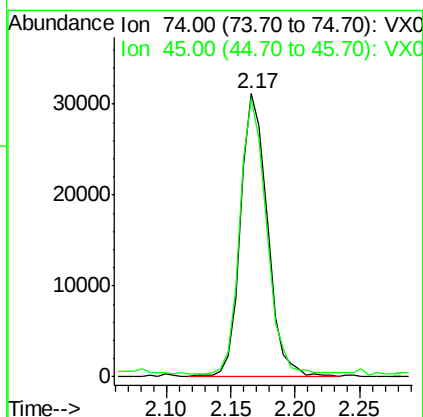
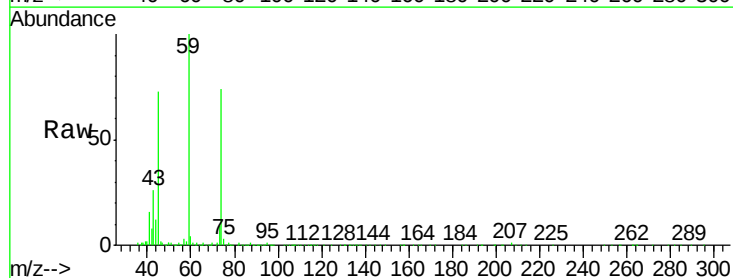
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9/16/2020 11:45:09 AM

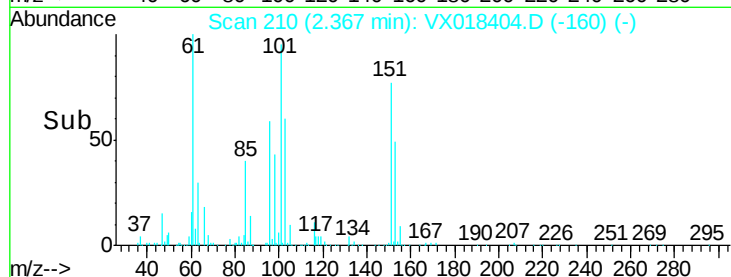
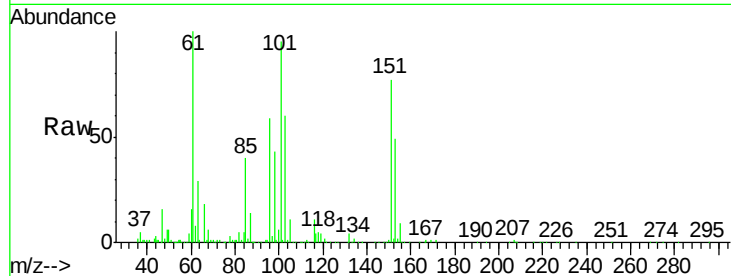
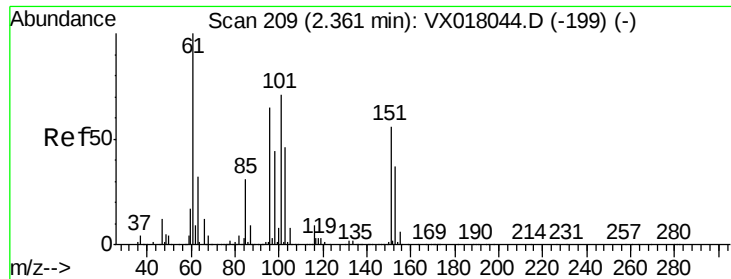


#8

Diethyl Ether
Concen: 18.569 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	50.7	152.3





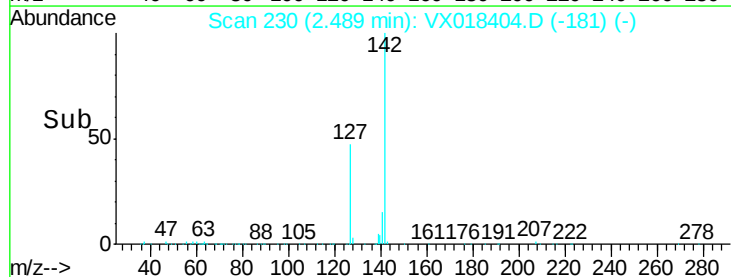
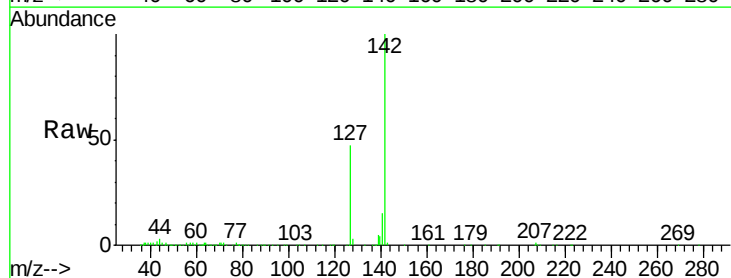
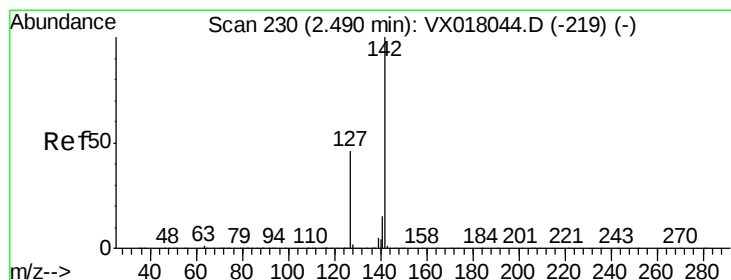
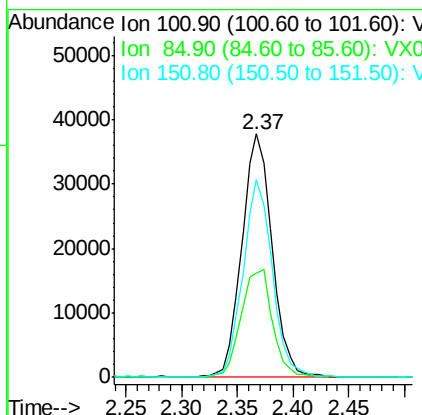
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.648 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	71543		
85	46.4	34.0	51.0	
151	78.7	65.2	97.8	

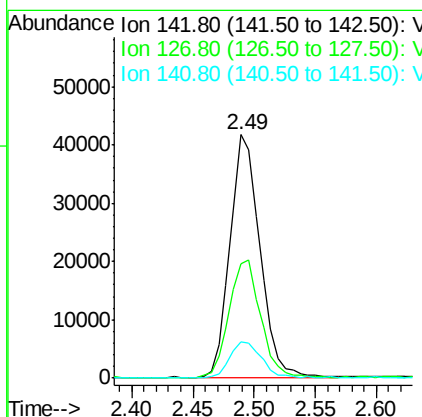
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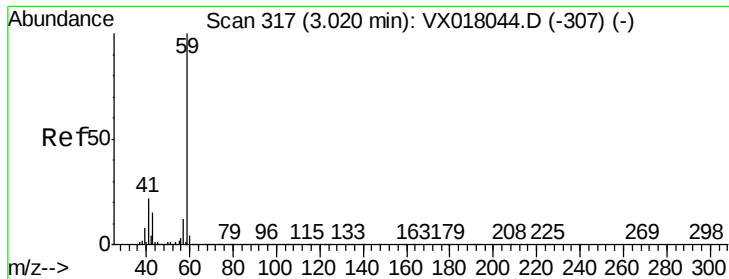
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#10
Methyl Iodide
Concen: 20.852 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	71447		
127	51.2	37.0	55.6	
141	16.0	11.5	17.3	





#11

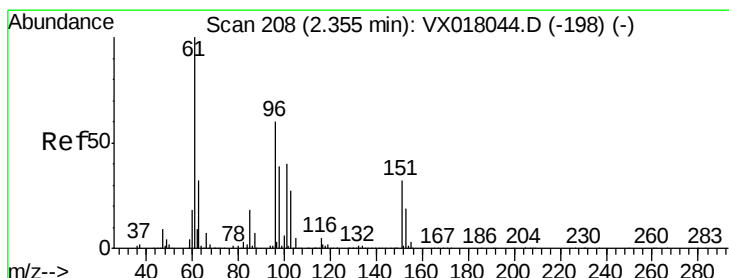
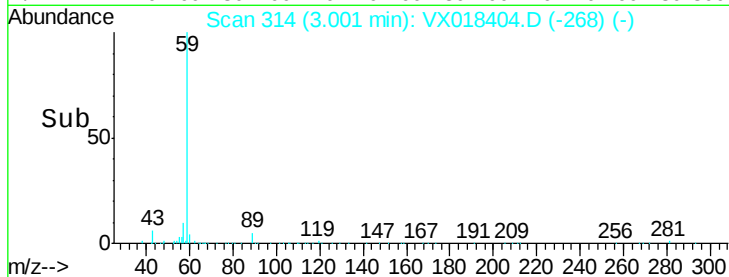
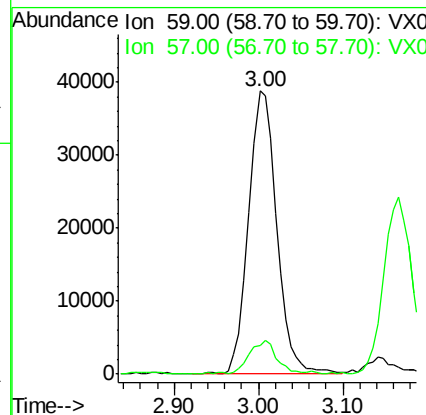
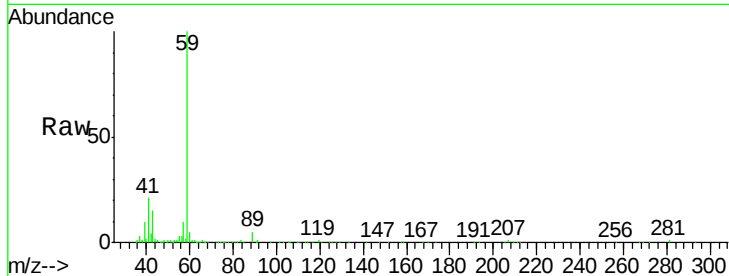
Tert butyl alcohol
Concen: 79.980 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.9	13.3

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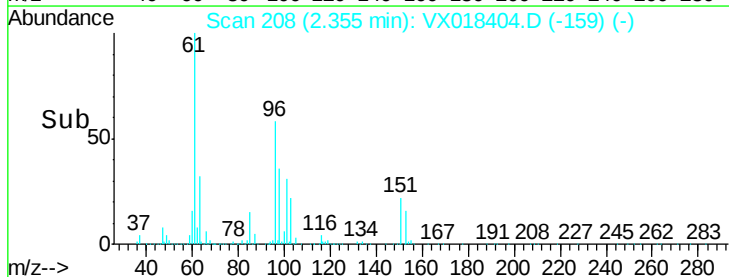
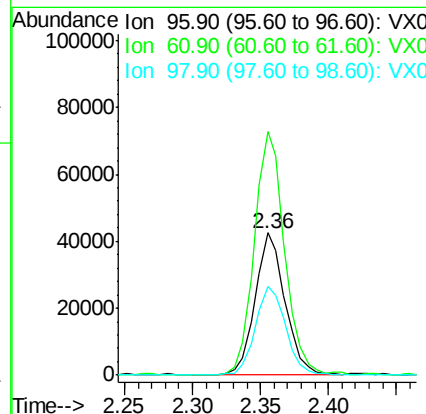
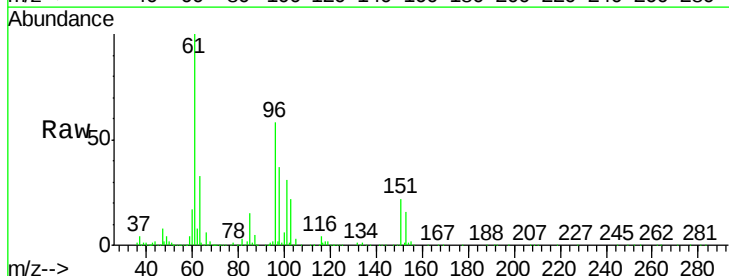
MMDadoda
9/16/2020 11:45:09 AM

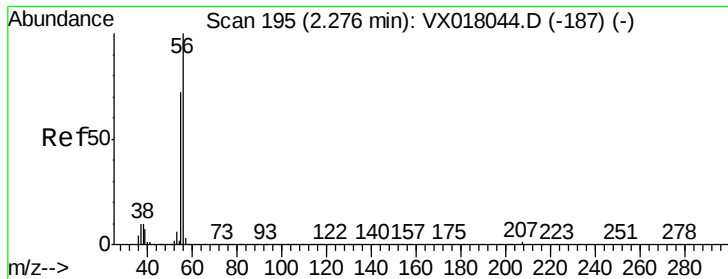


#12

1,1-Dichloroethene
Concen: 16.528 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.8	133.0	199.4
98	62.3	51.6	77.4





#13

Acrolein

Concen: 109.901 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 56 Resp: 50100

Ion Ratio Lower Upper

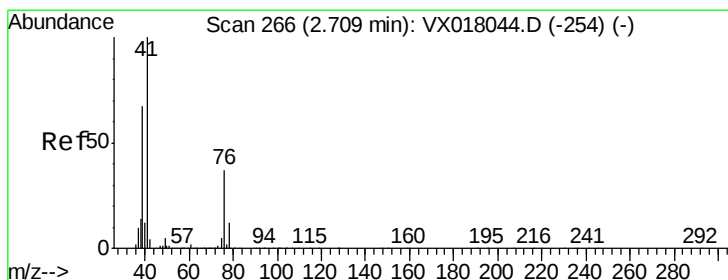
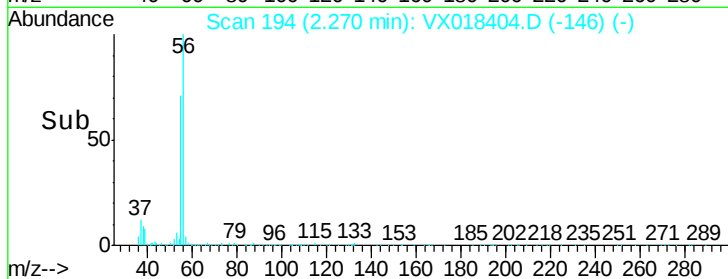
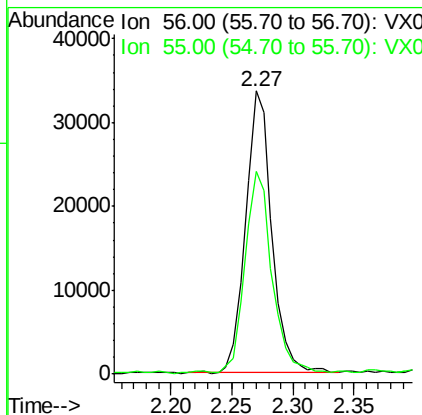
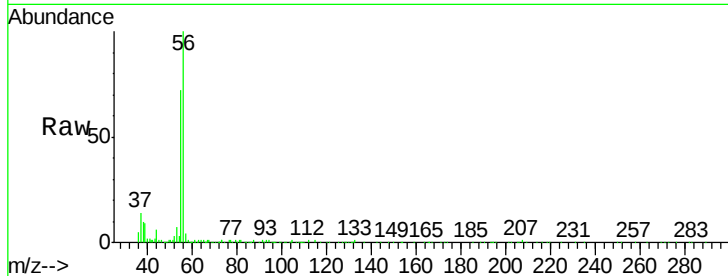
56 100

55 74.9 57.0 85.6

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#14

Allyl chloride

Concen: 17.475 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

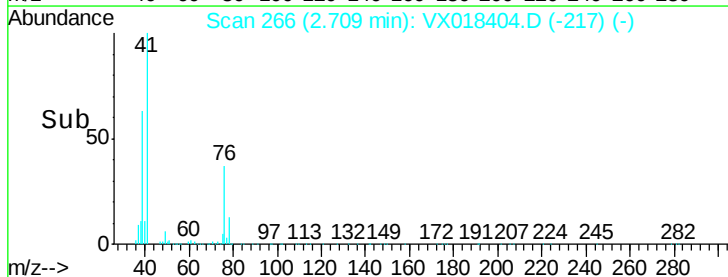
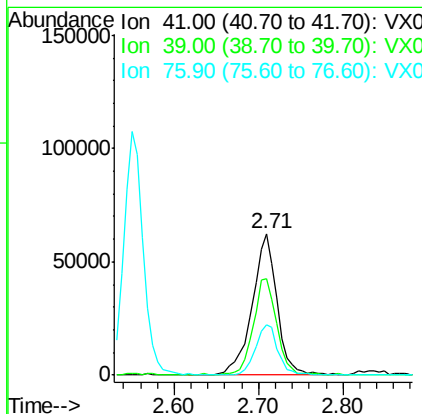
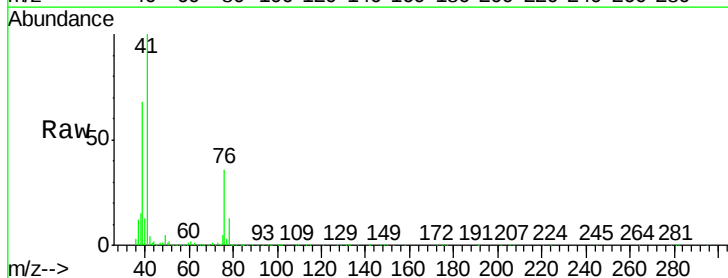
Tgt Ion: 41 Resp: 124964

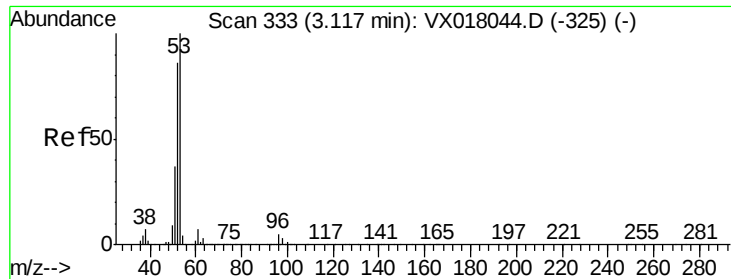
Ion Ratio Lower Upper

41 100

39 63.5 50.6 76.0

76 32.4 26.2 39.2





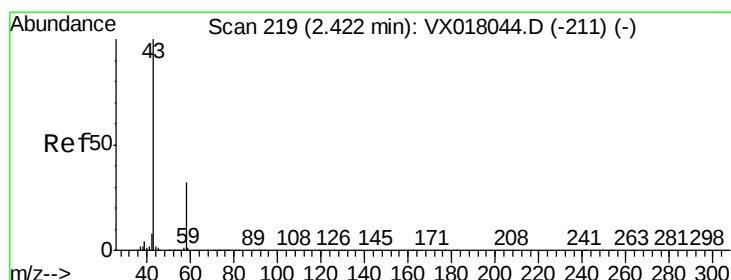
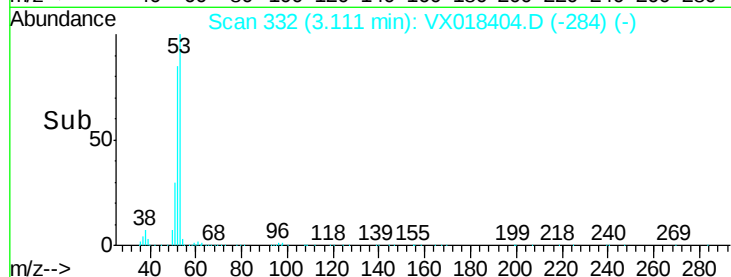
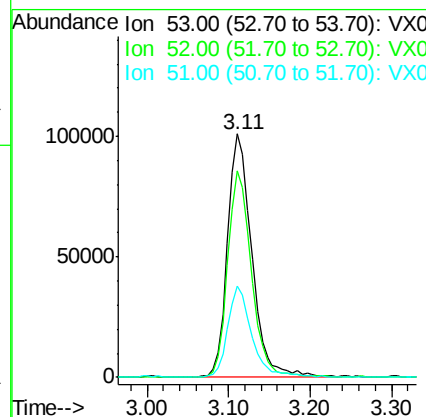
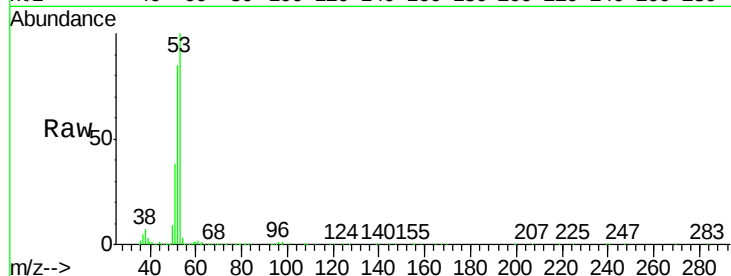
#15
 Acrylonitrile
 Concen: 83.568 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Tot Ion:	53	Resp:	208411
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.9	100.3
51	37.0	28.7	43.1

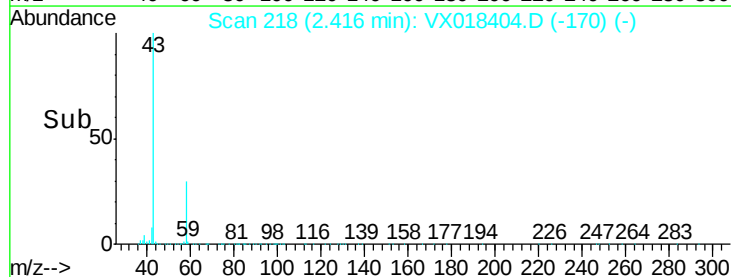
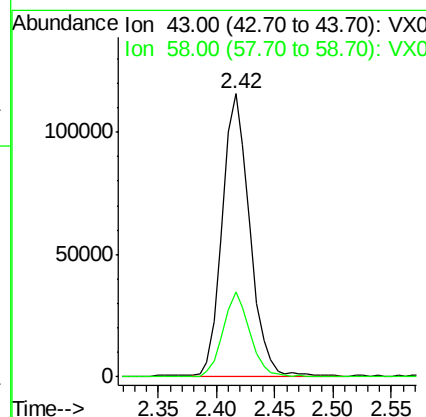
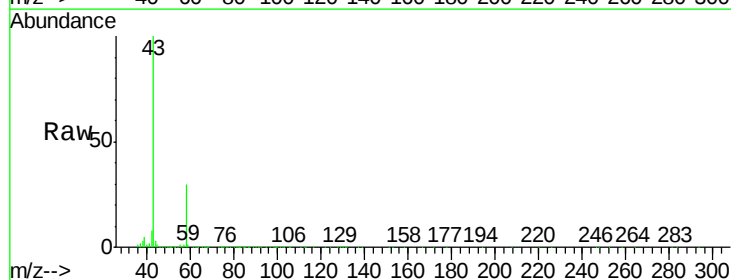
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#16
 Acetone
 Concen: 84.677 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Tgt Ion:	43	Resp:	186569
Ion Ratio	Lower	Upper	
43	100		
58	30.0	25.5	38.3





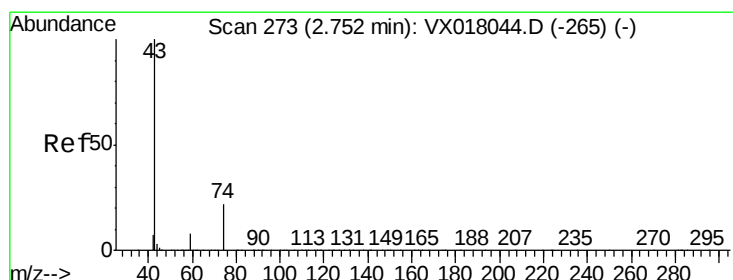
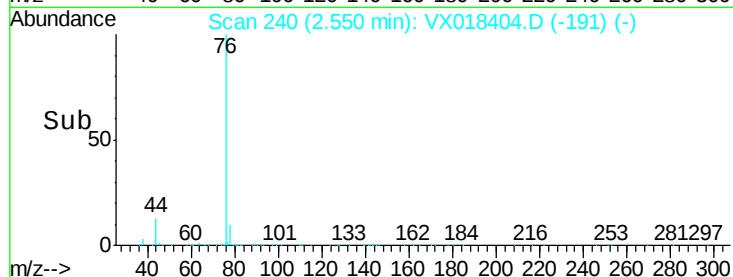
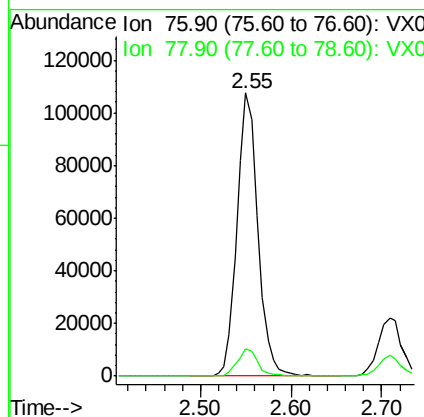
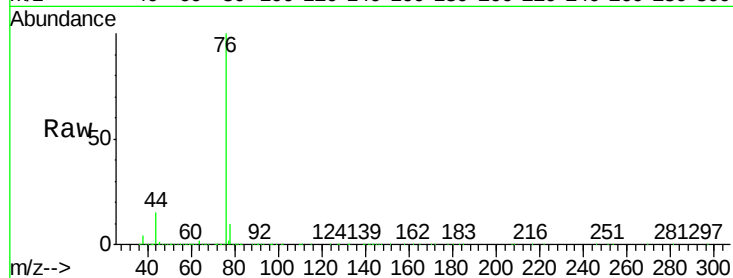
#17
Carbon Disulfide
Concen: 14.284 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0

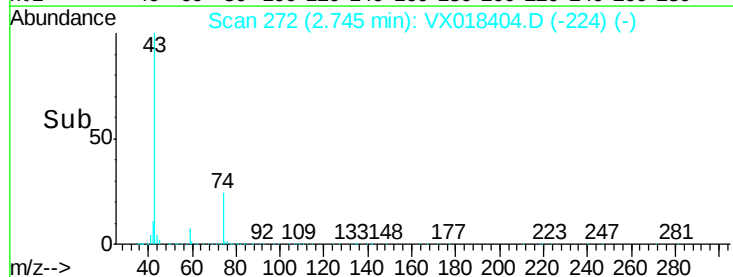
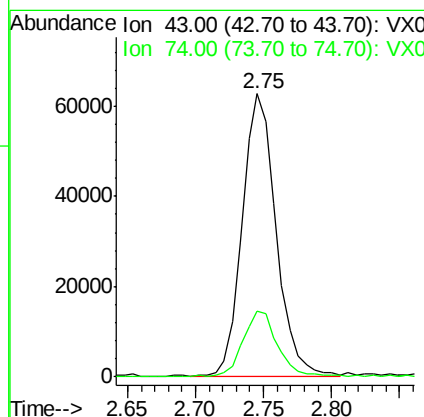
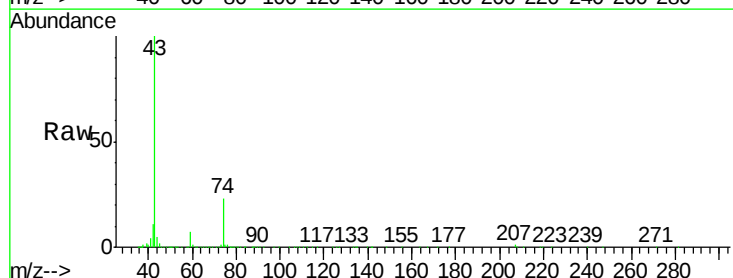
Manual Integrations
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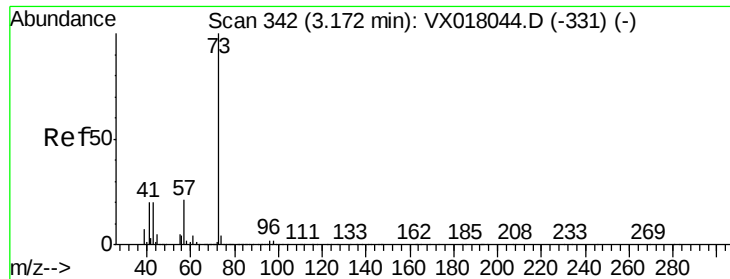
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#18
Methyl Acetate
Concen: 20.310 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.2	27.4





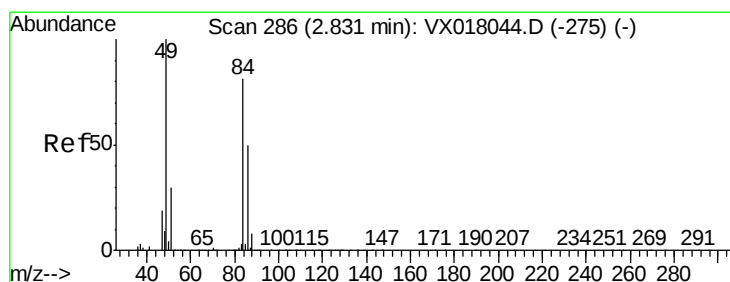
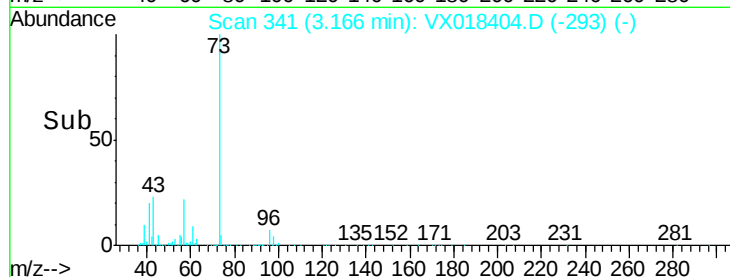
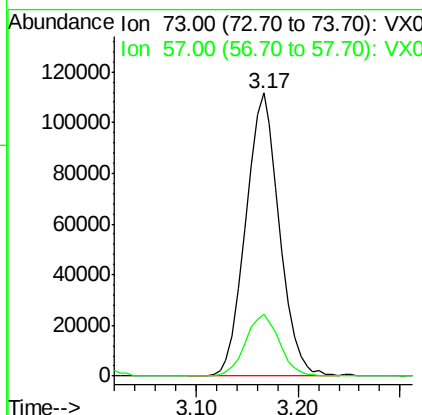
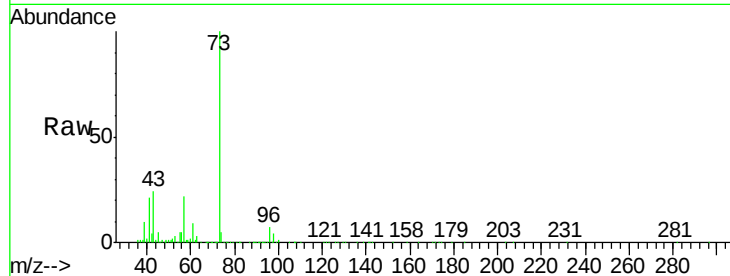
#19
Methvl tert-butvl Ether
Concen: 18.625 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

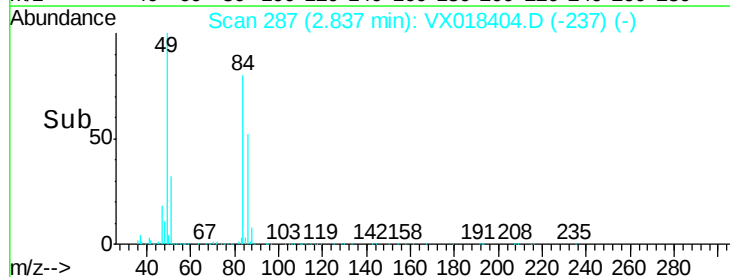
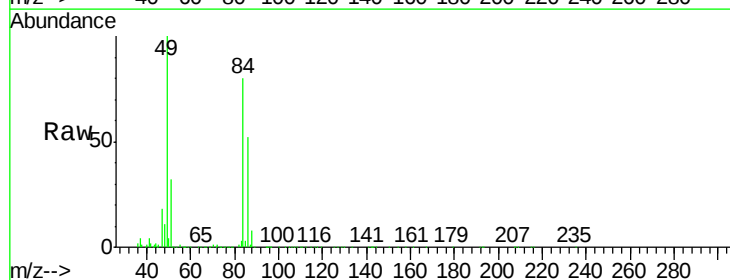
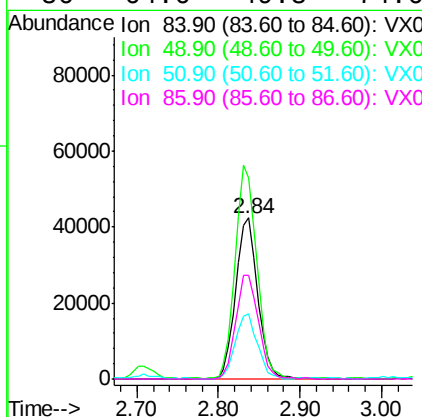
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#20
Methylene Chloride
Concen: 16.893 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	98.6	148.0
51	39.9	29.6	44.4
86	64.6	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 16.277 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

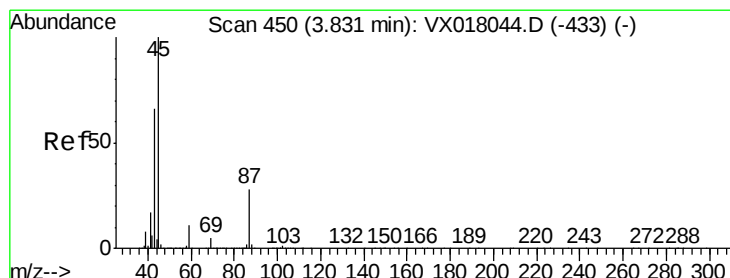
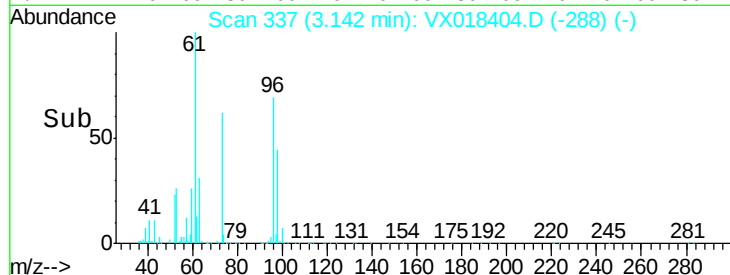
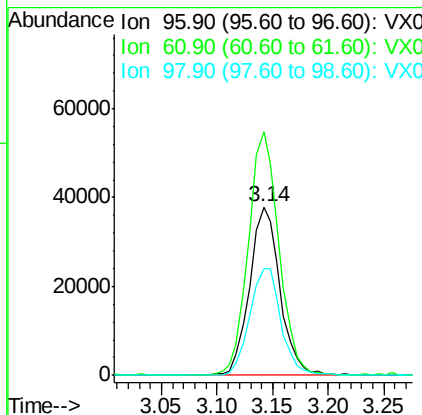
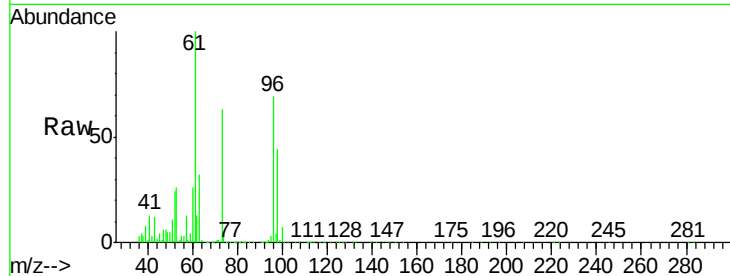
ClientSampleId :

VX0915WBSD01

Tot Ion:	96	Resp:	71779
Ion	Ratio	Lower	Upper
96	100		
61	144.8	115.4	173.0
98	63.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 17.806 ug/l

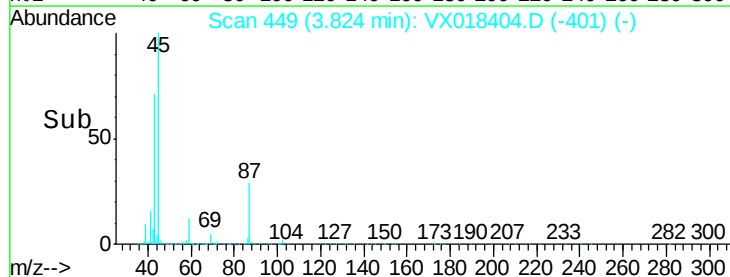
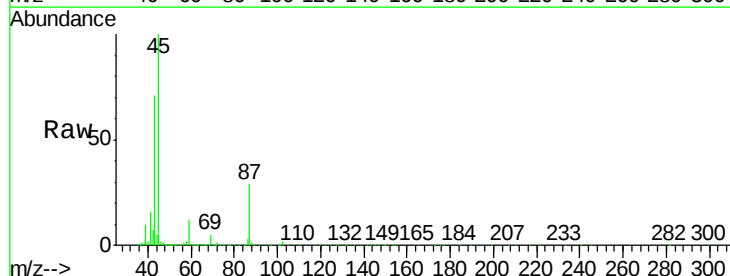
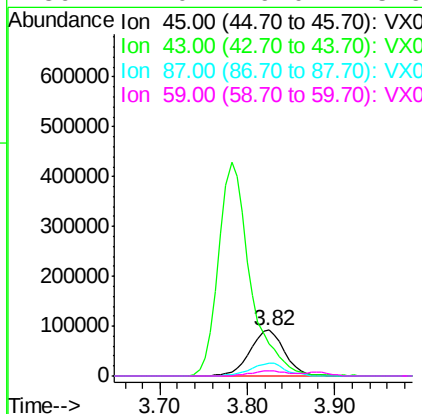
RT: 3.82 min Scan# 449

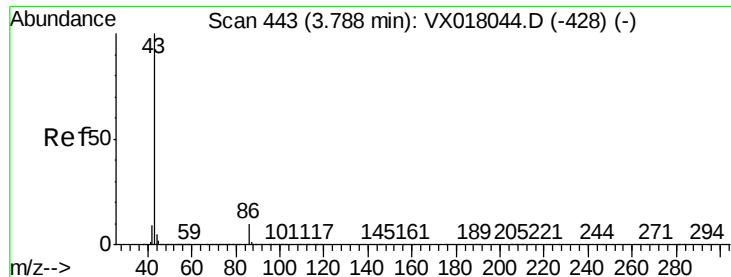
Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion:	45	Resp:	251324
Ion	Ratio	Lower	Upper
45	100		
43	70.0	52.8	79.2
87	29.3	22.5	33.7
59	12.0	9.0	13.6





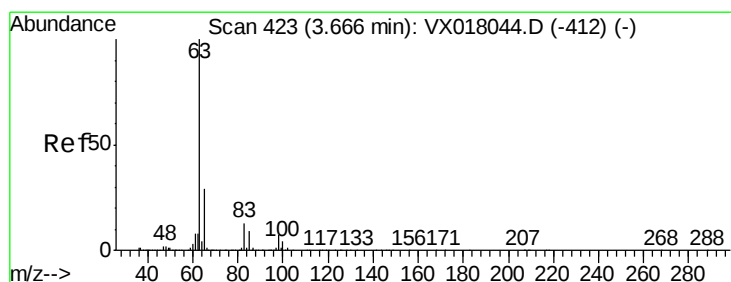
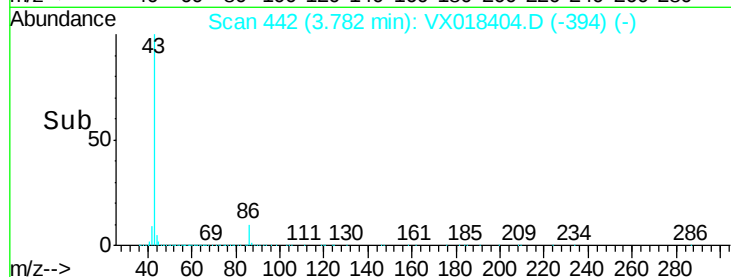
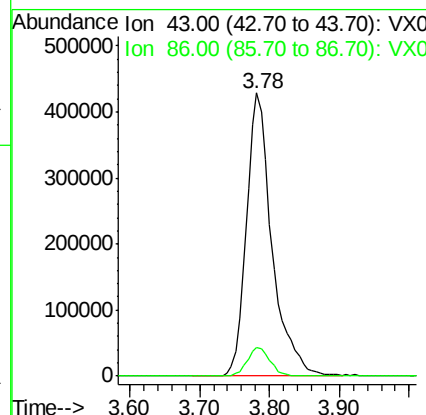
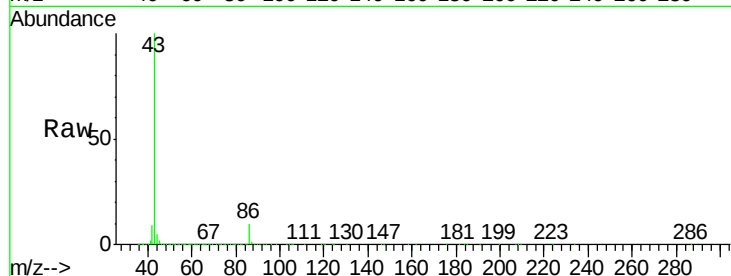
#23
 Vinyl Acetate
 Concen: 86.378 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Tot Ion: 43 Resp: 1084829
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

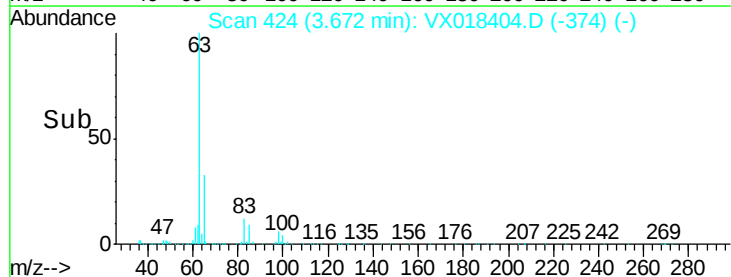
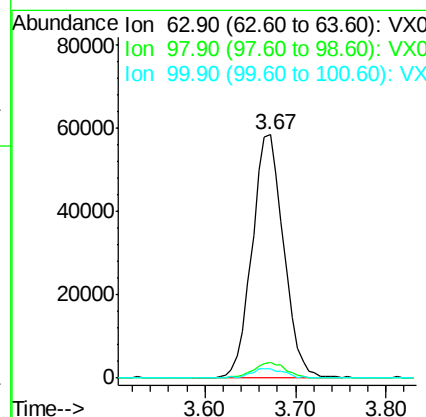
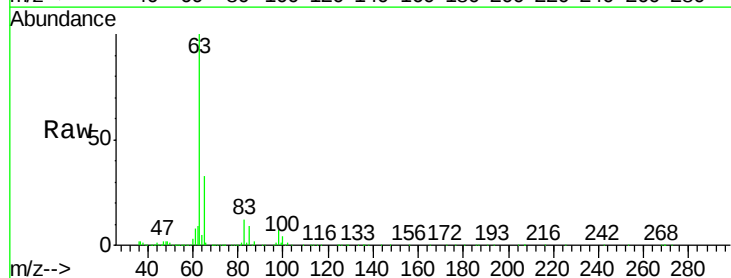
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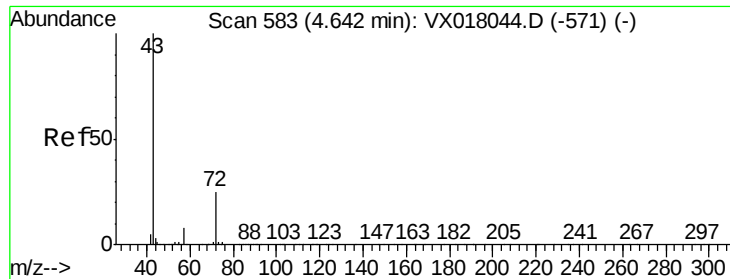
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#24
 1,1-Dichloroethane
 Concen: 17.583 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Tgt Ion: 63 Resp: 141274
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 81.667 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 43 Resp: 295719

Ion Ratio Lower Upper

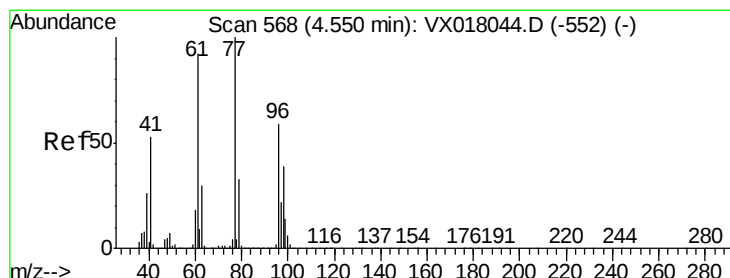
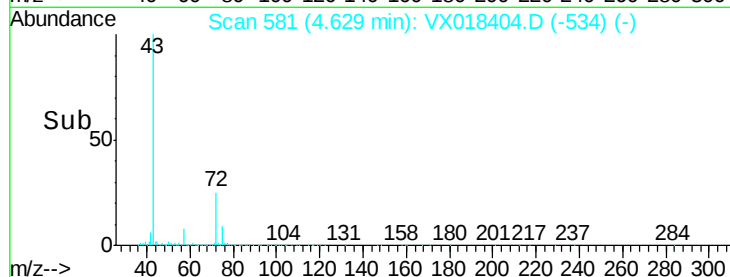
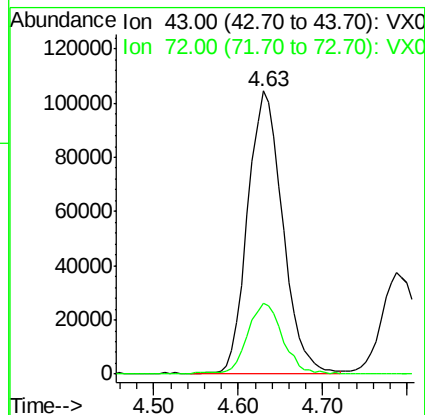
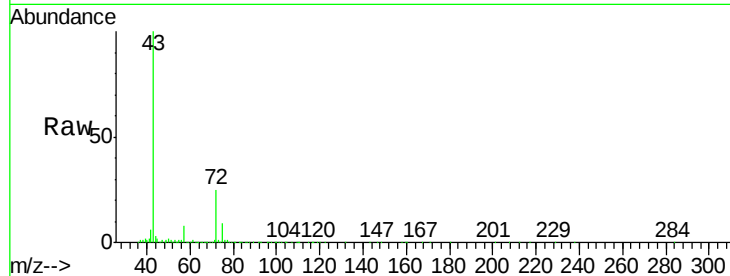
43 100

72 24.9 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 19.933 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018404.D

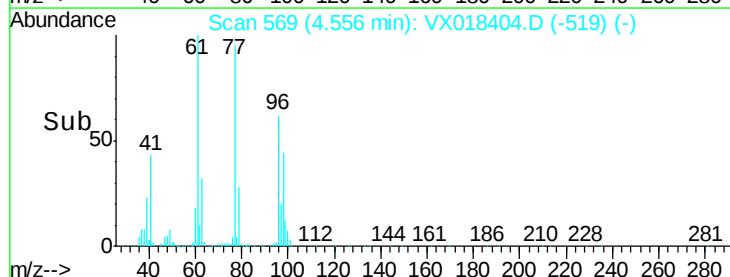
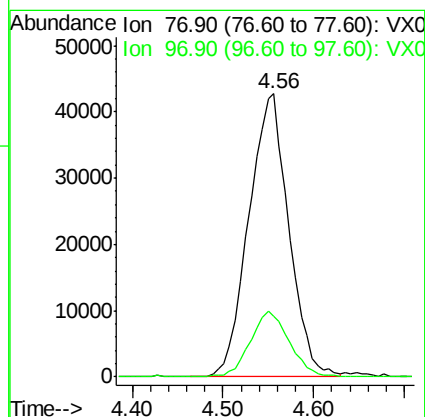
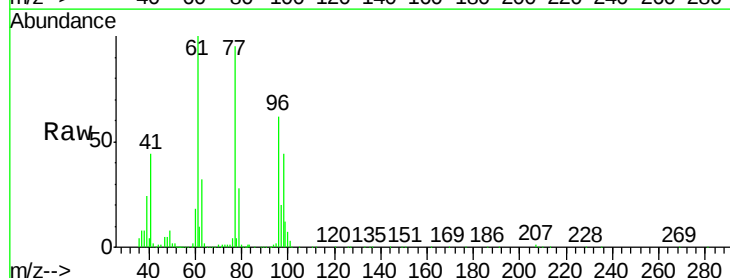
Acq: 15 Sep 2020 14:15

Tgt Ion: 77 Resp: 130306

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 16.988 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX018404.D

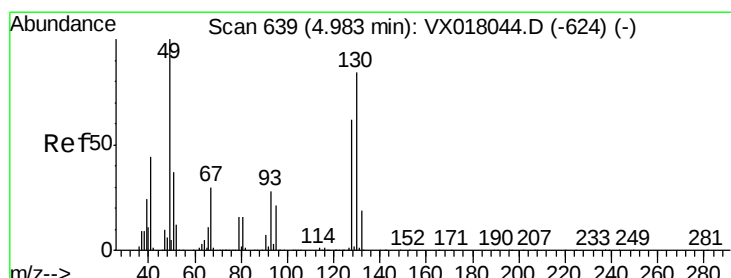
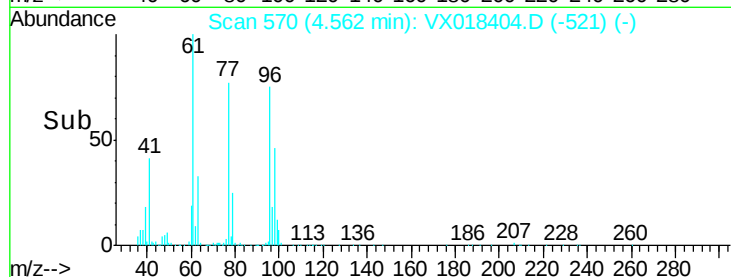
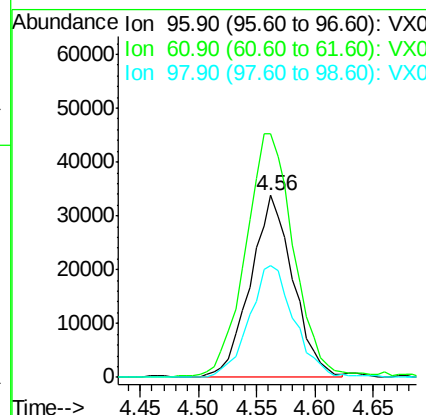
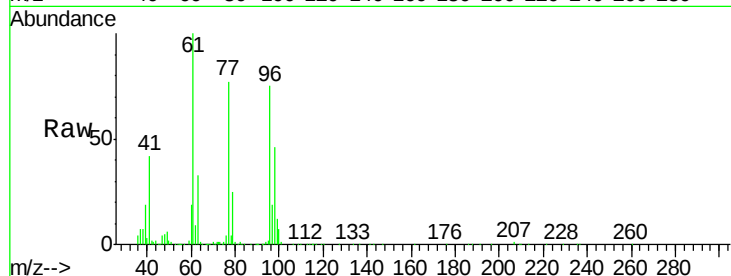
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	86317		
61	150.4	0.0	296.6	
98	64.3	0.0	130.2	

Manual Integrations
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#28

Bromochloromethane

Concen: 18.397 ug/l

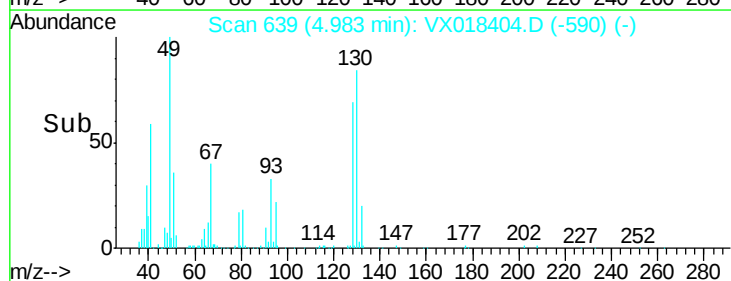
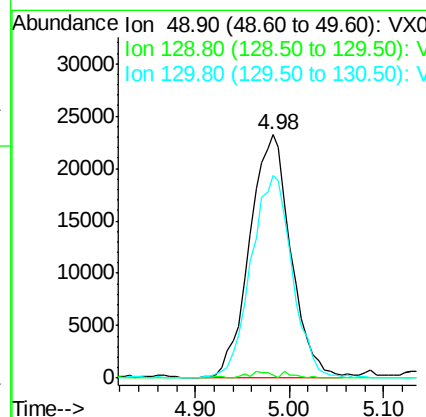
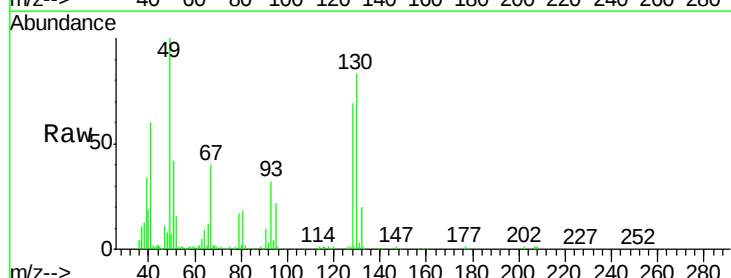
RT: 4.98 min Scan# 639

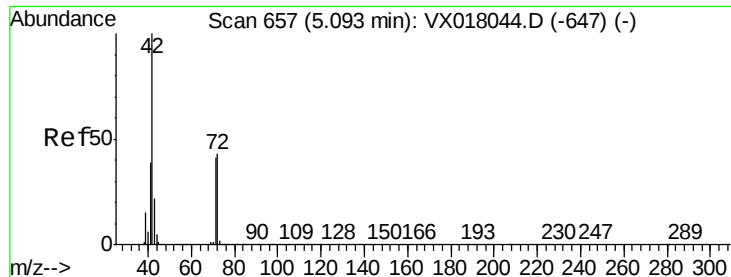
Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71346		
129	0.7	0.0	4.6	
130	83.0	64.6	96.8	





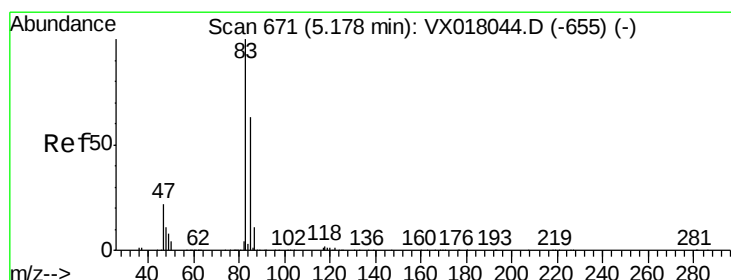
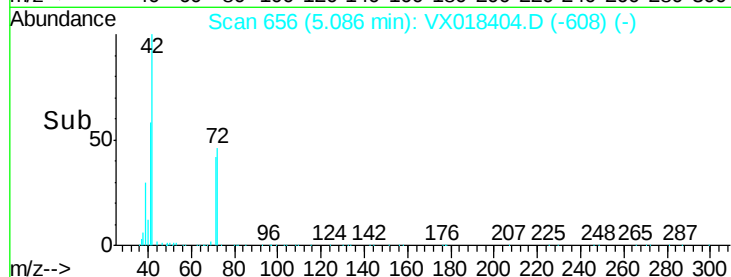
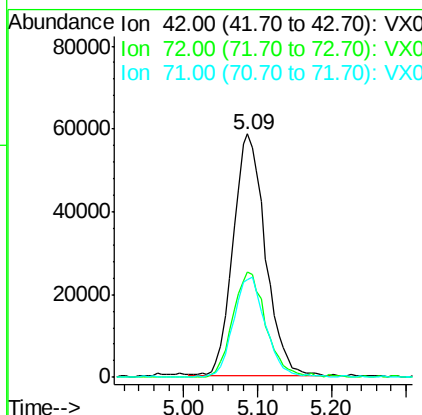
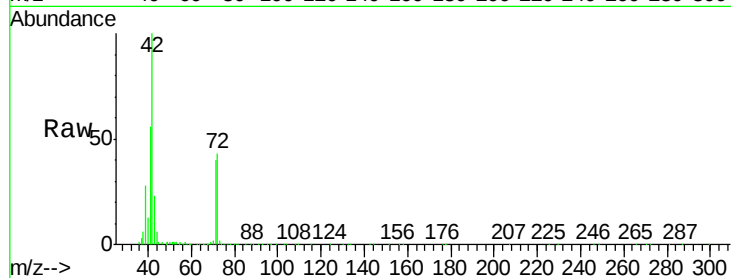
#29
Tetrahydrofuran
Concen: 77.375 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.2	51.4
71	41.5	32.1	48.1

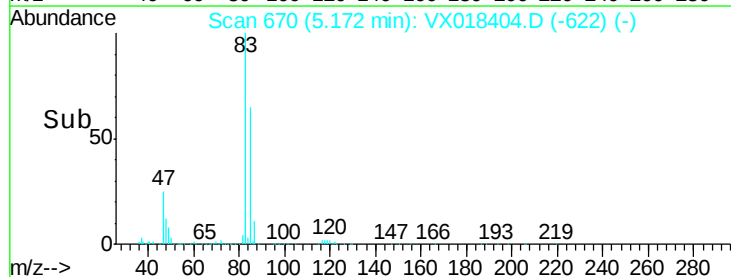
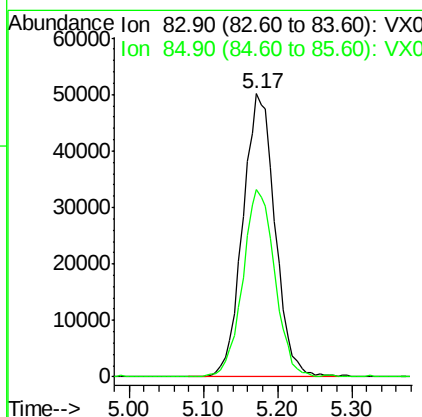
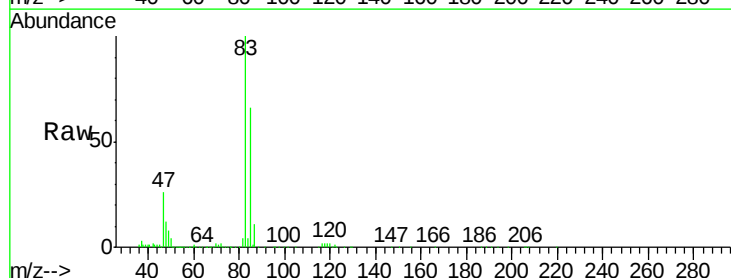
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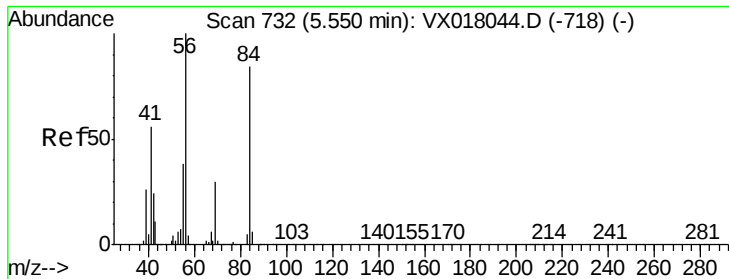
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#30
Chloroform
Concen: 18.265 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.7	76.1





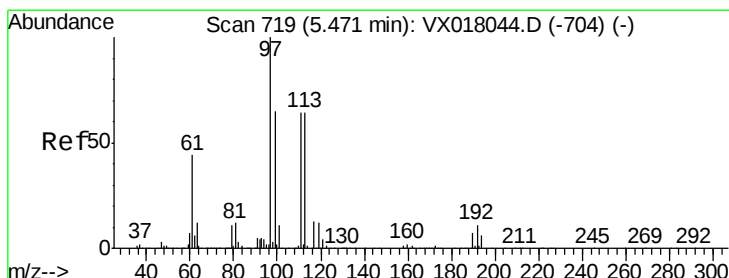
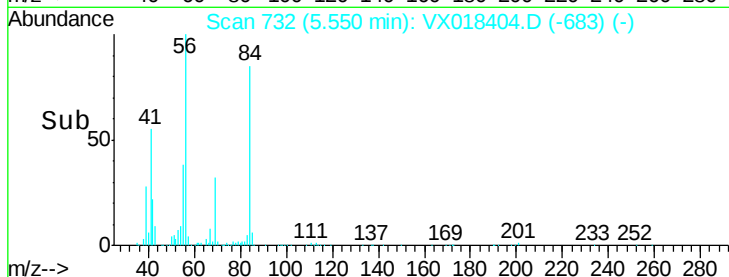
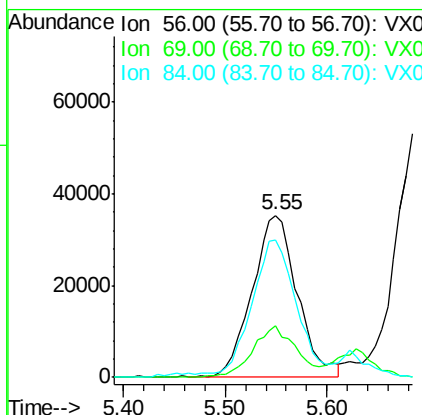
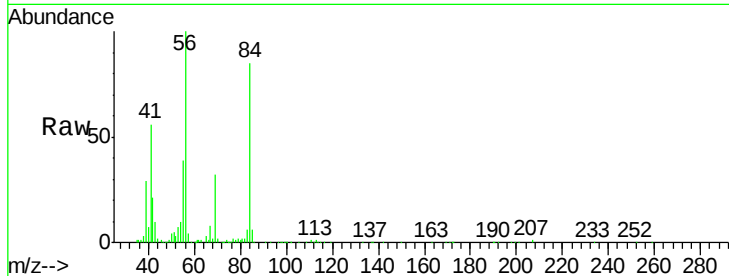
#31
Cyclohexane
Concen: 15.962 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.9	35.9
84	82.0	67.0	100.4

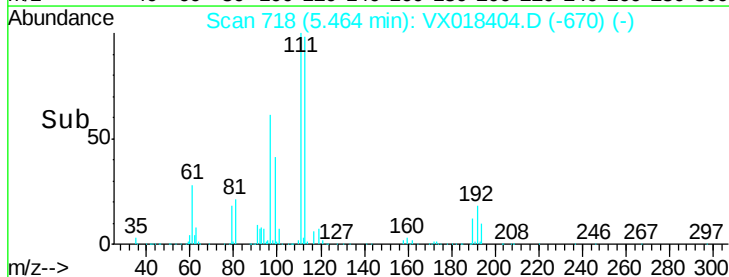
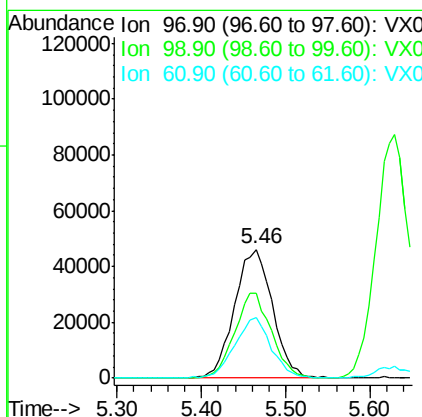
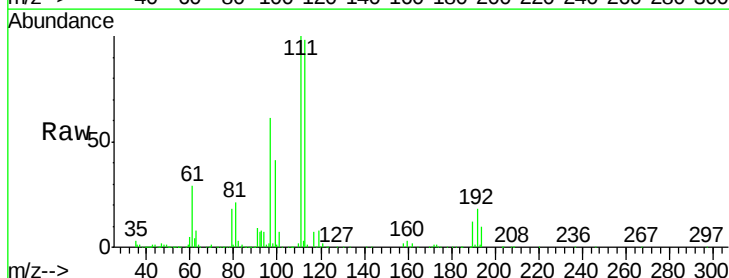
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#32
1,1,1-Trichloroethane
Concen: 18.469 ug/l
RT: 5.46 min Scan# 719
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	45.0	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 49.170 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 65 Resp: 278026

Ion Ratio Lower Upper

65 100

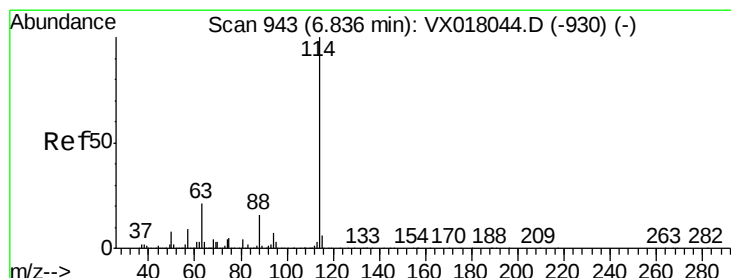
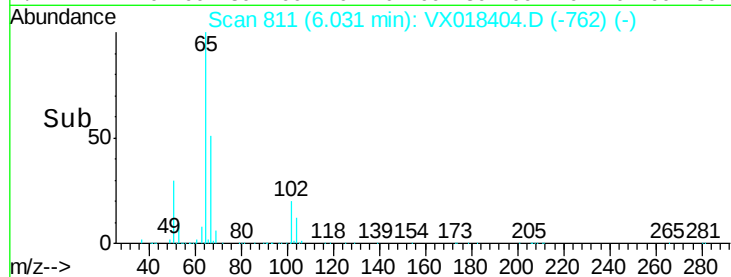
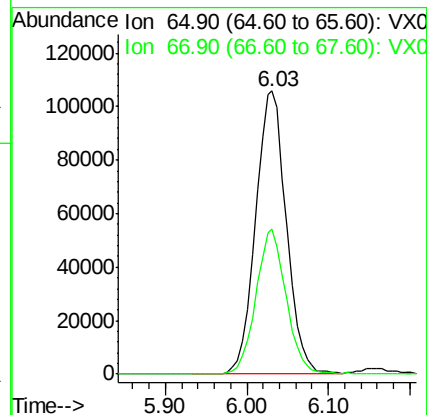
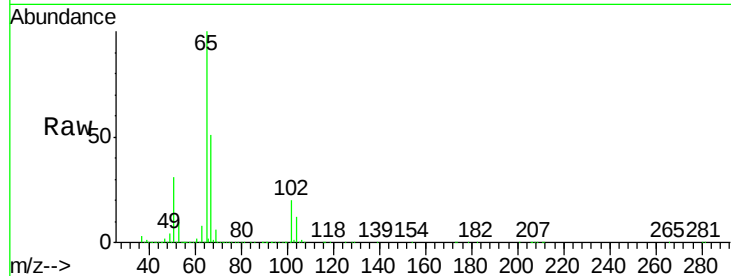
67 50.1 0.0 105.8

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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: VX018404.D

Acq: 15 Sep 2020 14:15

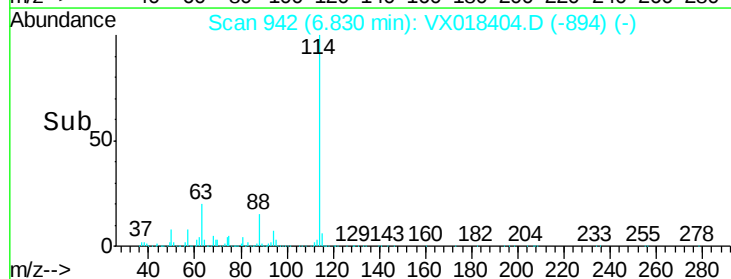
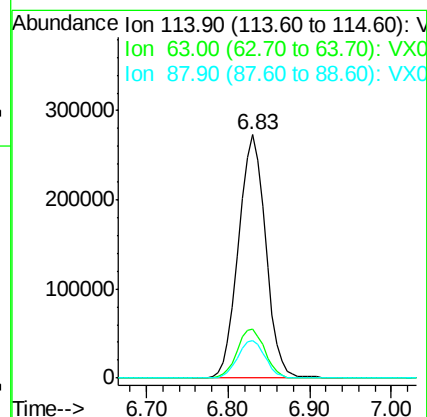
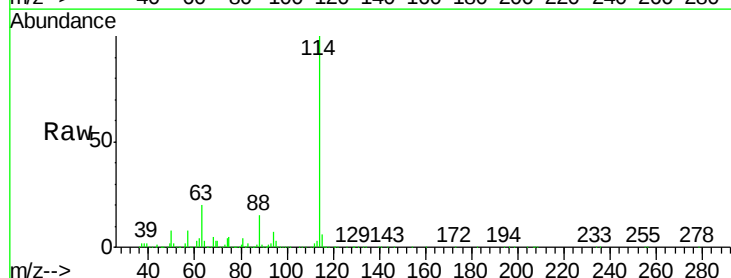
Tgt Ion: 114 Resp: 628066

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.2 0.0 31.8





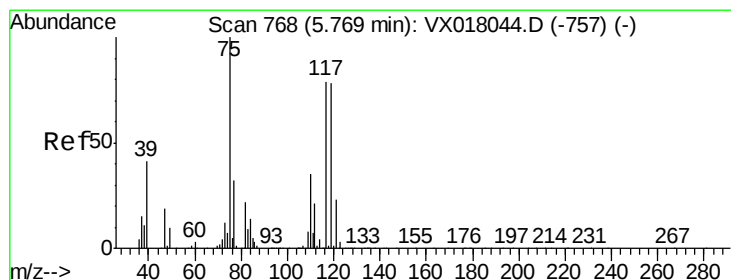
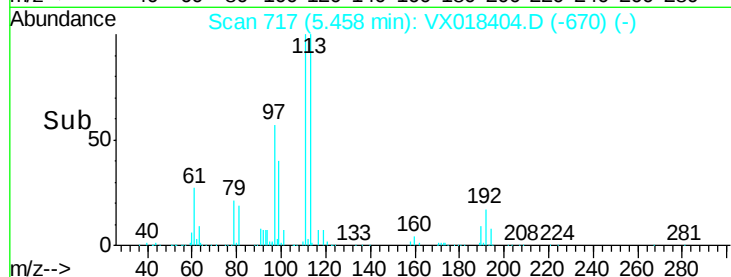
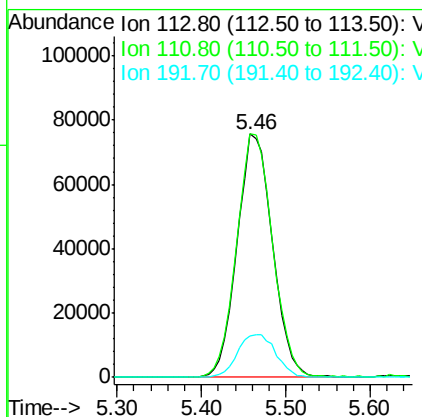
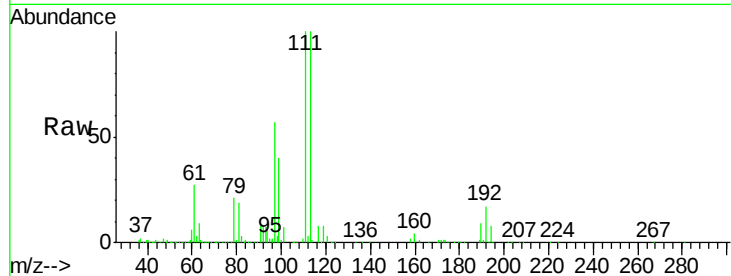
#35
 Dibromofluoromethane
 Concen: 50.255 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	214961		
111	101.9	81.6	122.4	
192	19.3	15.8	23.8	

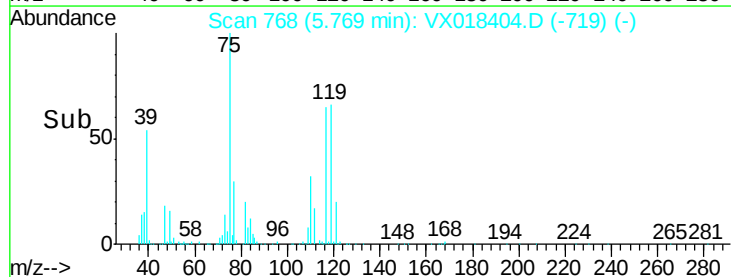
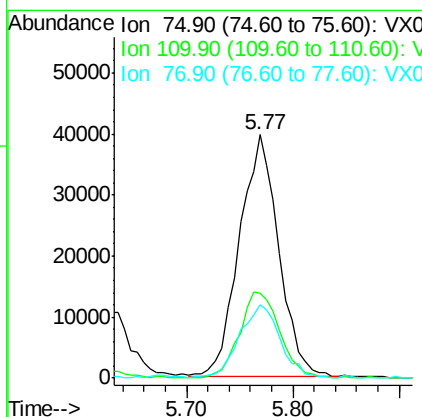
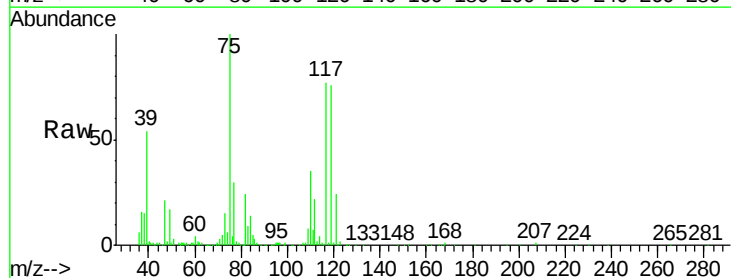
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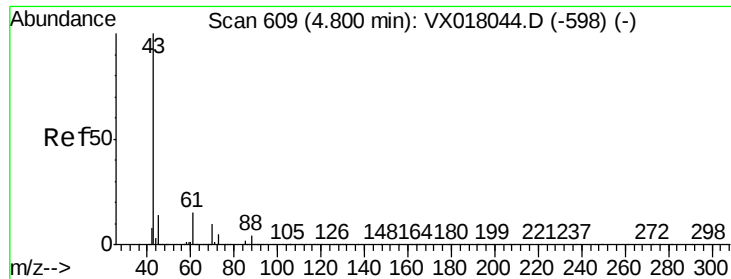
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#36
 1,1-Dichloropropene
 Concen: 17.702 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102548		
110	36.8	18.0	54.0	
77	31.2	24.4	36.6	





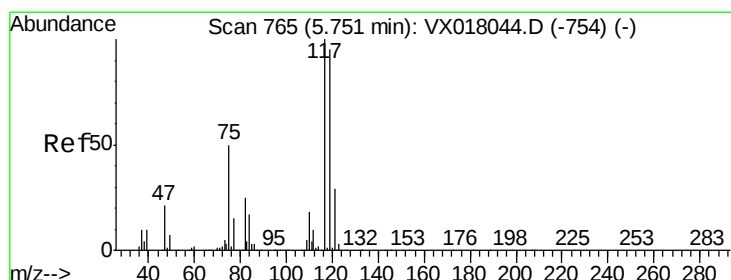
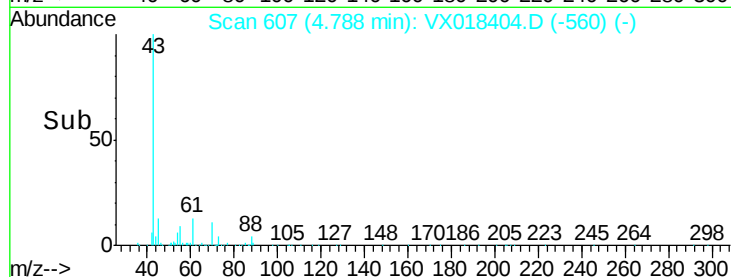
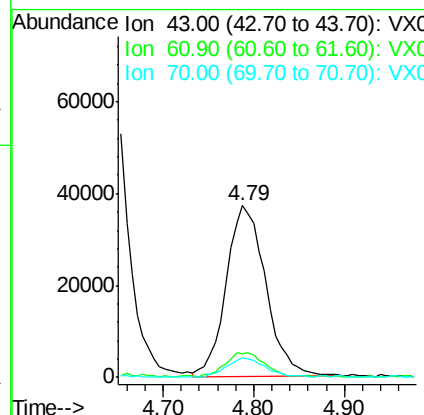
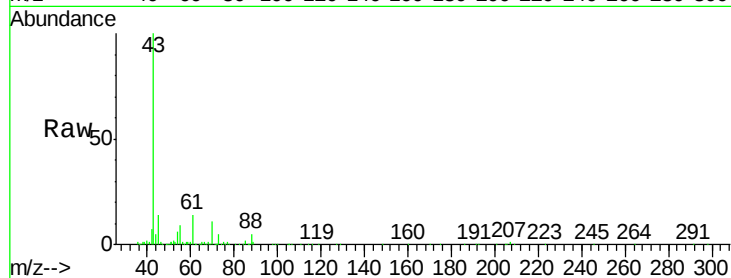
#37
Ethyl Acetate
Concen: 16.632 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	43	Resp	111905
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.3	16.9
70	10.9	8.2	12.4

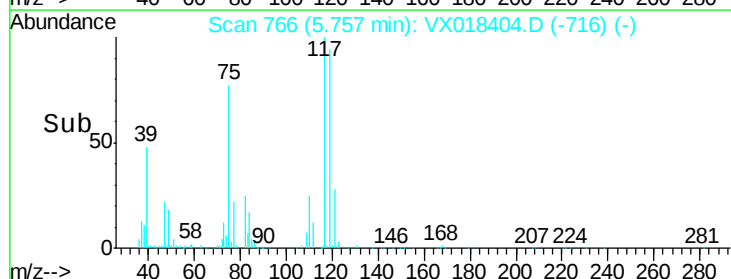
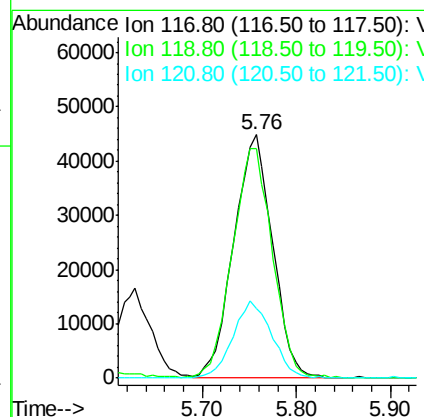
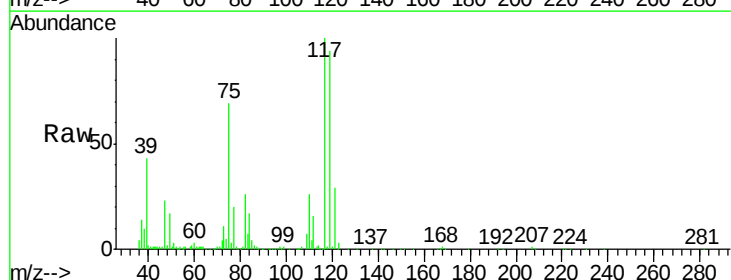
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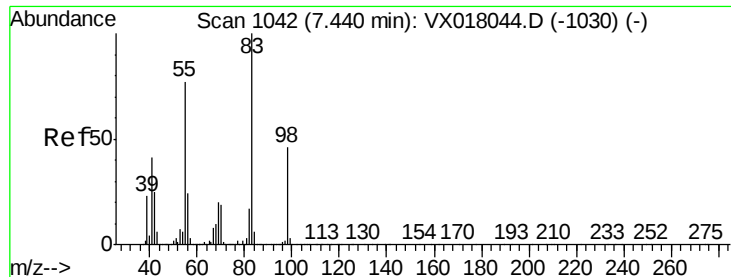
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#38
Carbon Tetrachloride
Concen: 19.740 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	117	Resp	128869
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.8	113.6
121	28.6	23.4	35.0





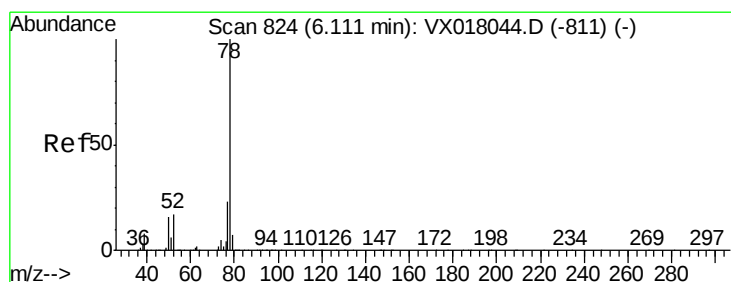
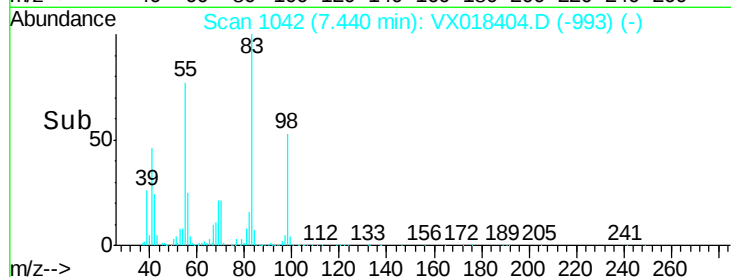
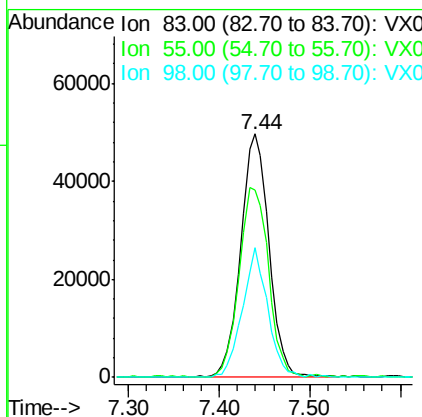
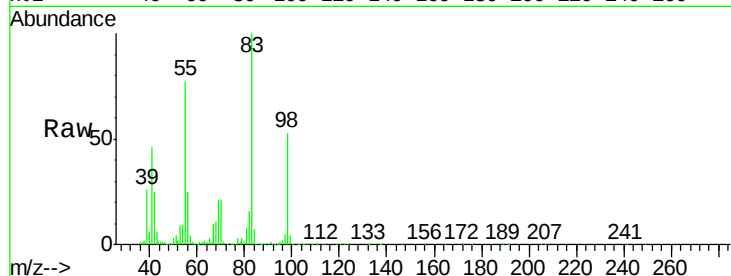
#39
Methvlcvclohexane
Concen: 16.974 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.8	92.6
98	53.0	36.6	55.0

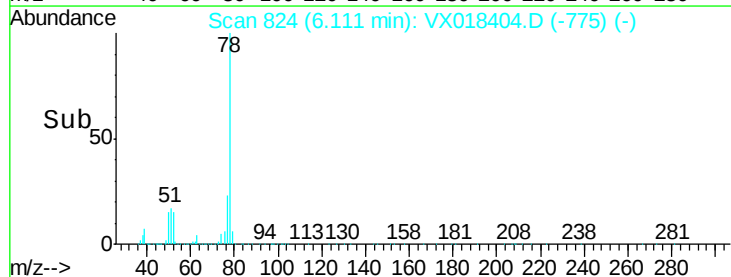
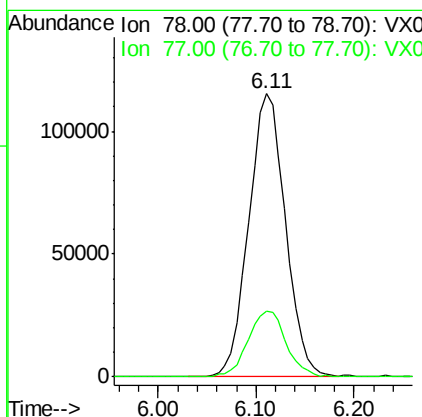
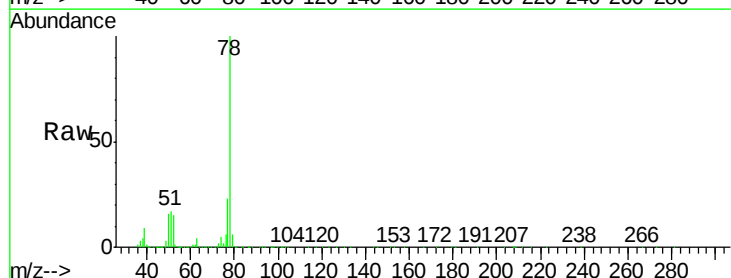
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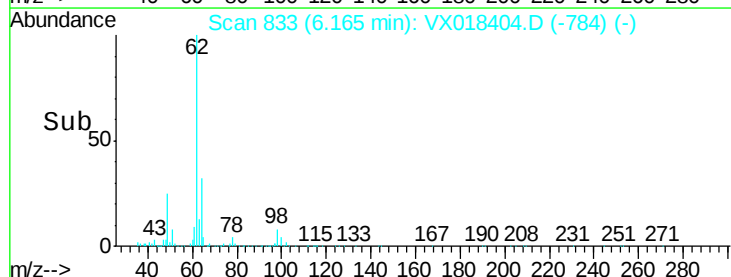
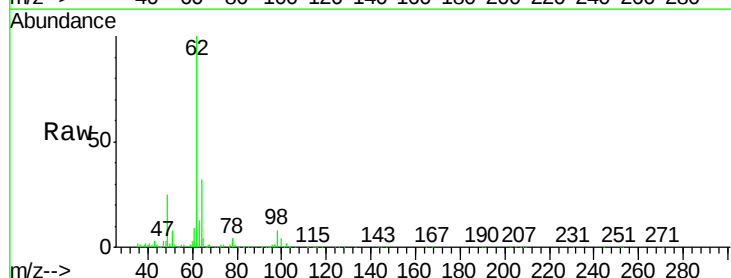
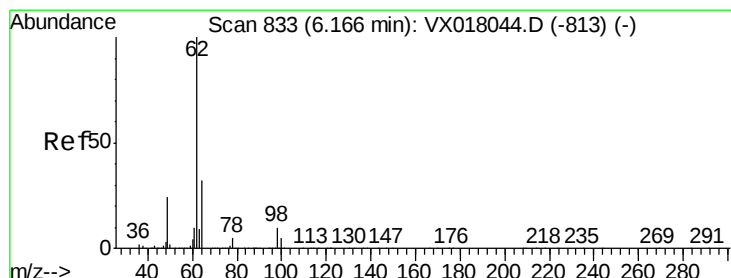
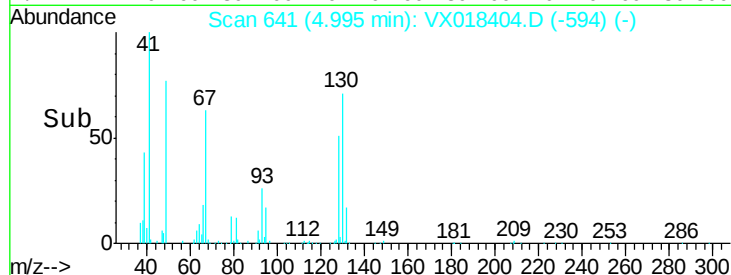
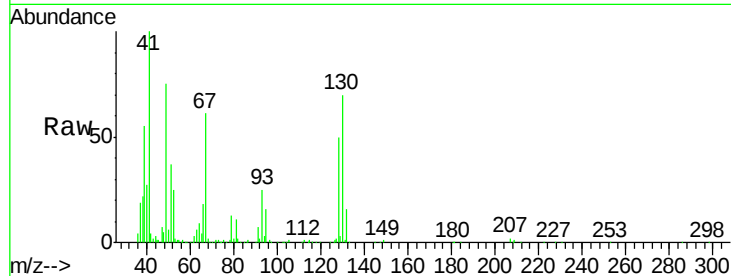
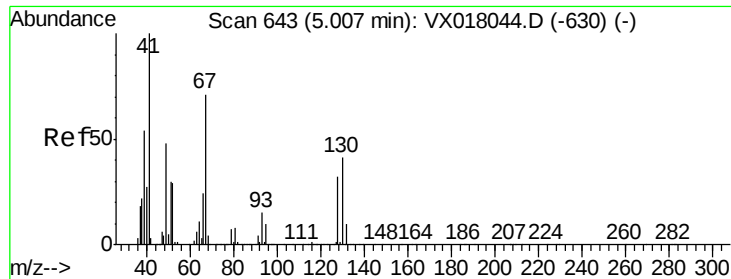
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#40
Benzene
Concen: 17.755 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

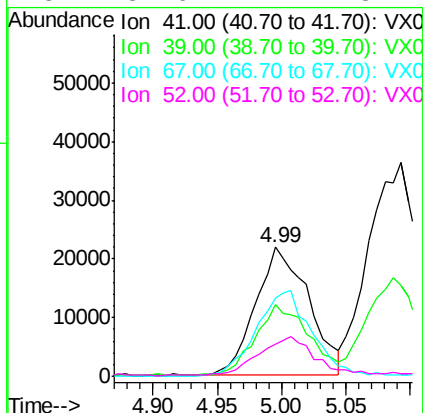
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2





#41
Methacrylonitrile
Concen: 17.037 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		62938		
39	54.8	43.1	64.7		
67	69.9	56.0	84.0		
52	32.6	22.7	34.1		



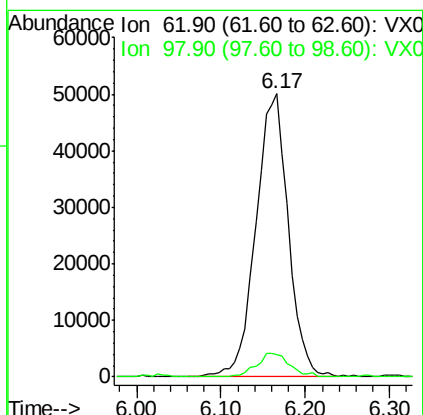
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

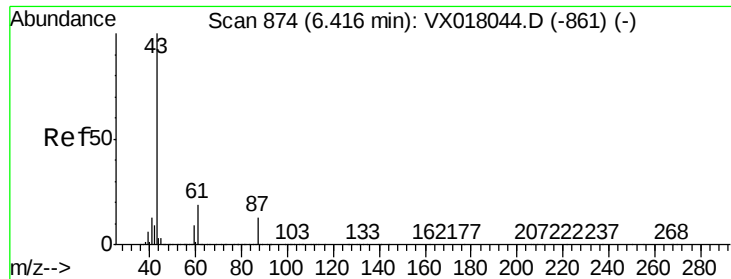
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 20.250 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		132068		
98	8.4	0.0	18.2		





#43

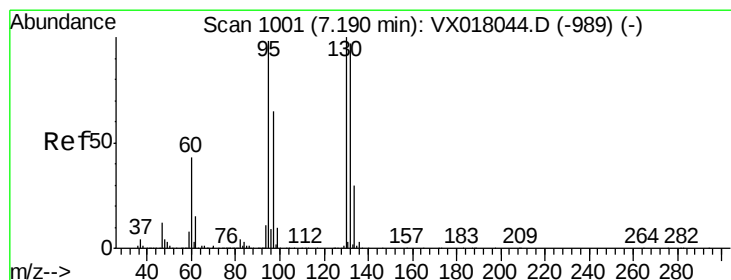
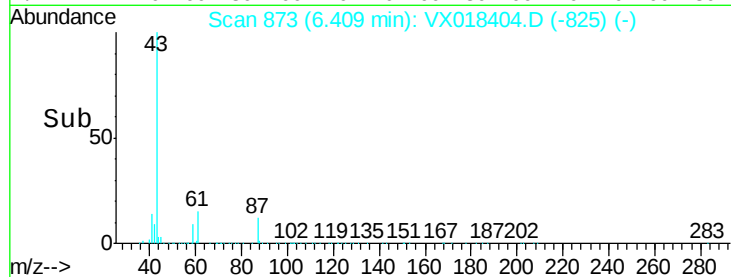
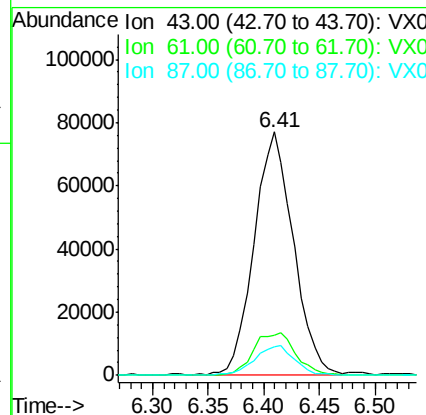
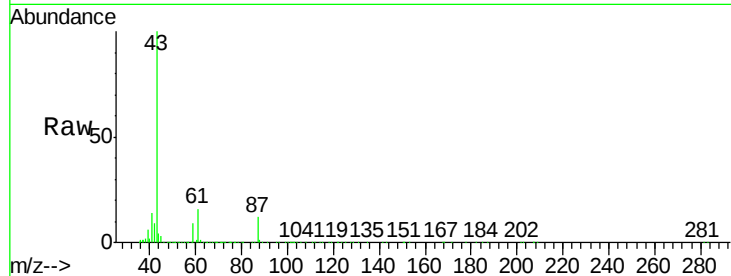
Isopropyl Acetate
 Concen: 17.346 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Tot Ion	43	61	87
Ratio	100	19.0	12.5
Lower		15.7	10.3
Upper		23.5	15.5

Manual Integrations
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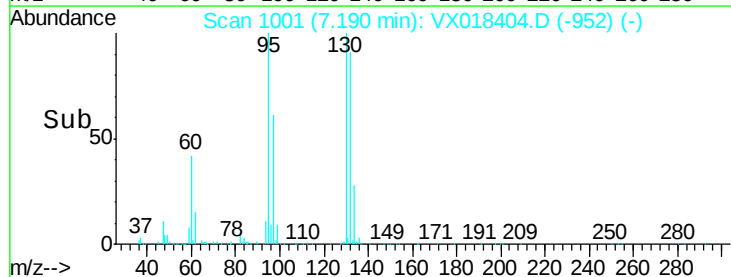
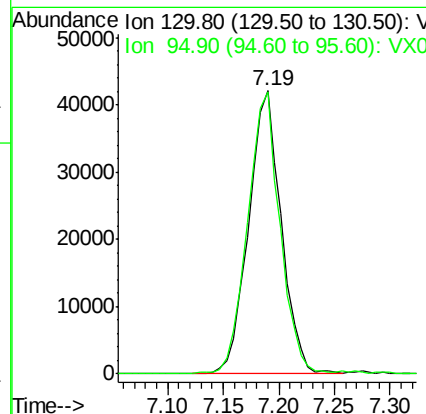
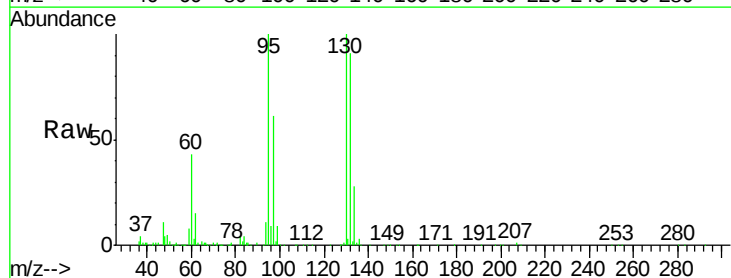
MMDadoda
 9/16/2020 11:45:09 AM



#44

Trichloroethene
 Concen: 17.882 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Tgt Ion	130	95
Ratio	100	99.6
Lower		0.0
Upper		196.4





#45

1,2-Dichloropropane

Concen: 18.484 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 63 Resp: 84799

Ion Ratio Lower Upper

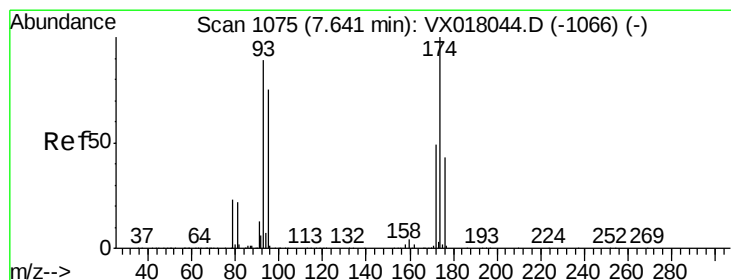
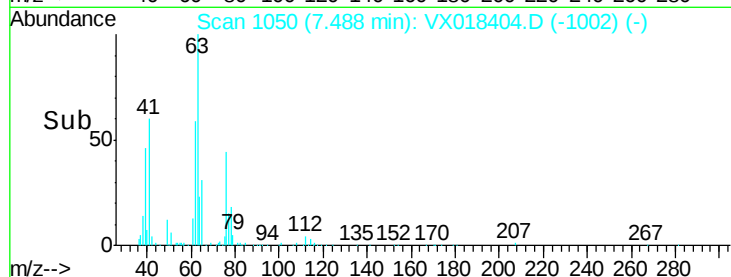
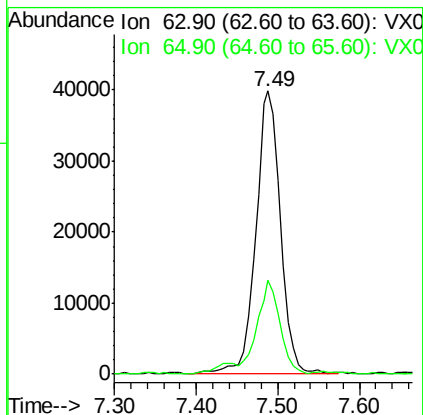
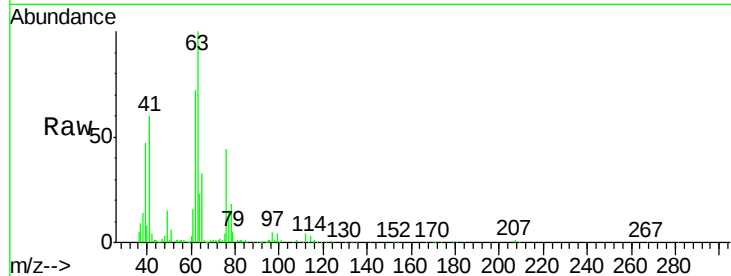
63 100

65 32.9 25.7 38.5

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#46

Dibromomethane

Concen: 18.194 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

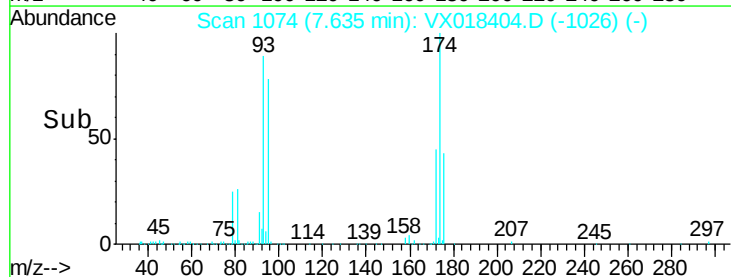
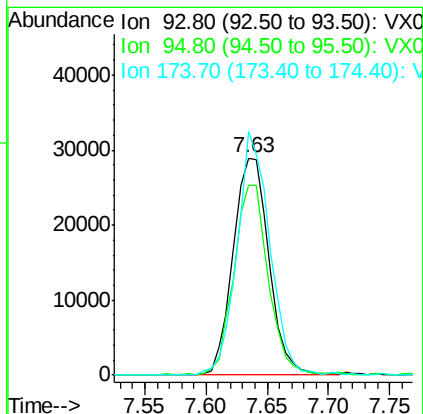
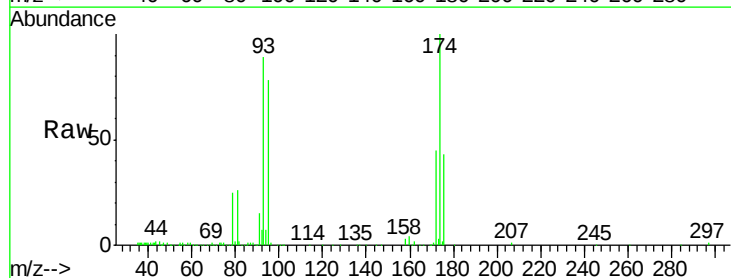
Tgt Ion: 93 Resp: 58696

Ion Ratio Lower Upper

93 100

95 83.7 67.3 100.9

174 102.2 82.2 123.2





#47

Bromodichloromethane

Concen: 19.413 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

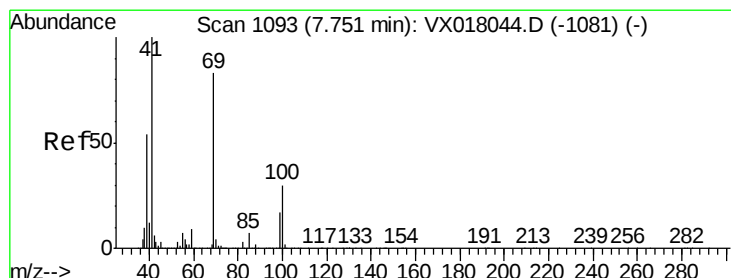
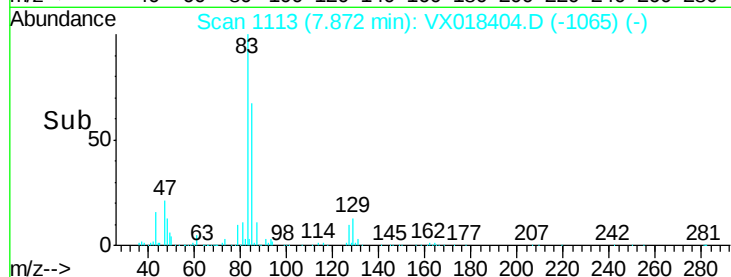
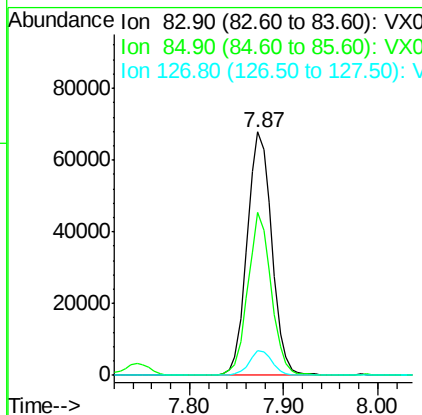
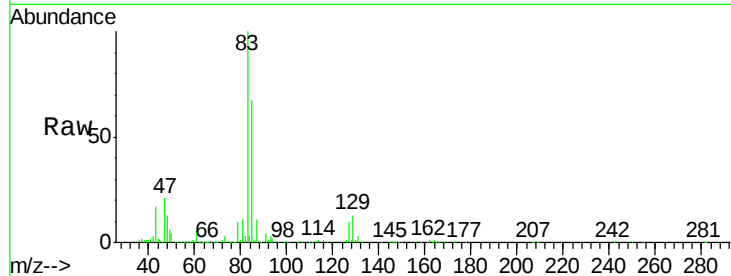
ClientSampleId :

VX0915WBSD01

Tot Ion:	83	Resp:	125054
Ion Ratio	Lower	Upper	
83	100		
85	67.1	51.8	77.6
127	10.3	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.373 ug/l

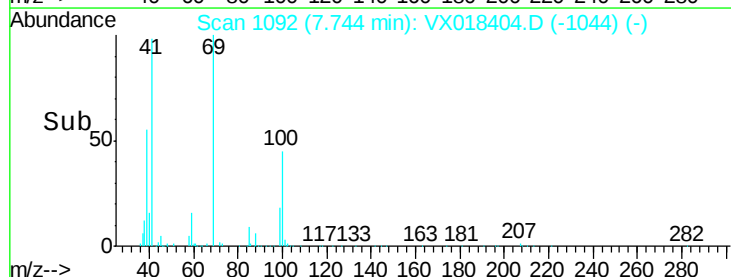
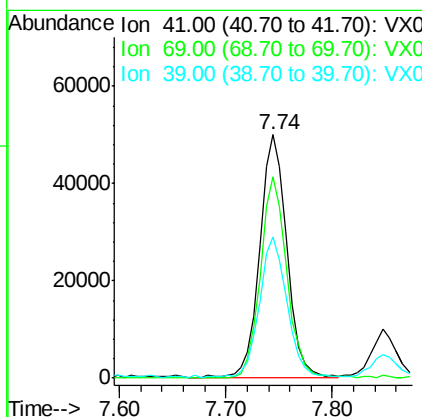
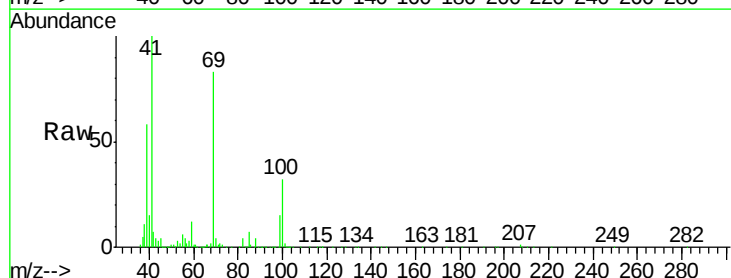
RT: 7.74 min Scan# 1092

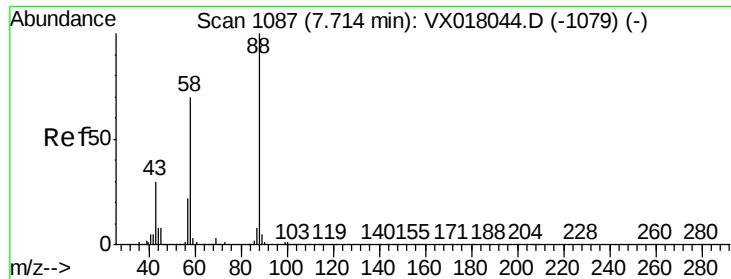
Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion:	41	Resp:	88574
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.5	98.3
39	57.9	44.5	66.7





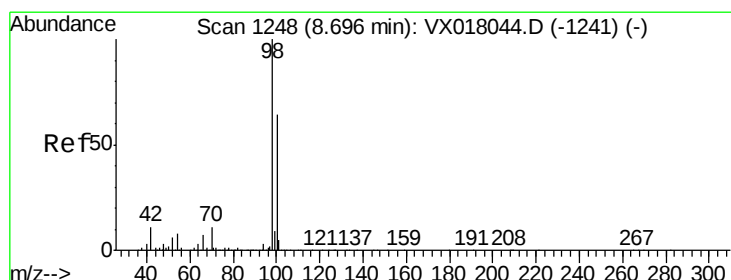
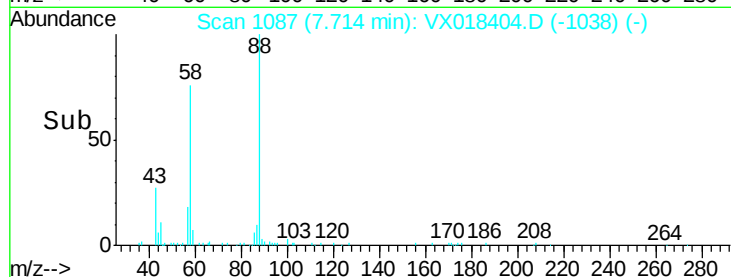
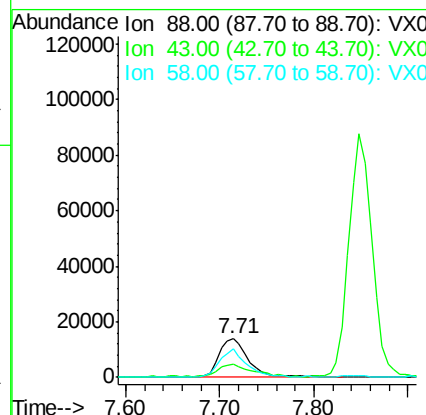
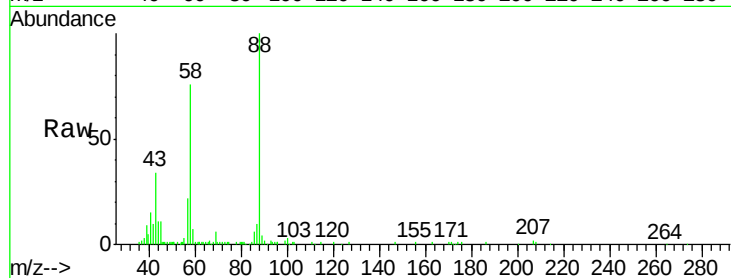
#49
1,4-Dioxane
Concen: 308.234 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	27.4	41.0
58	68.1	56.4	84.6

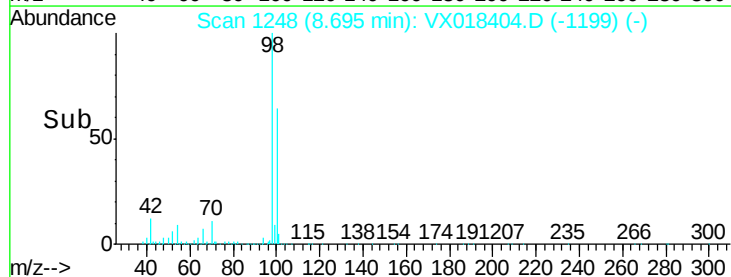
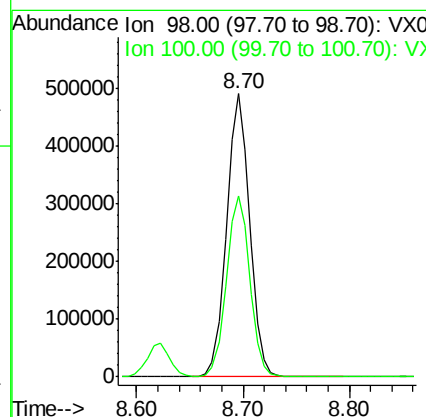
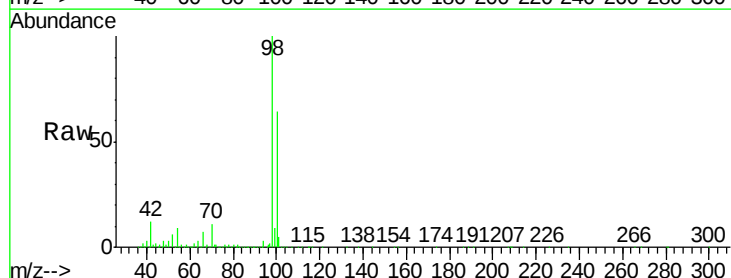
Manual Integrations
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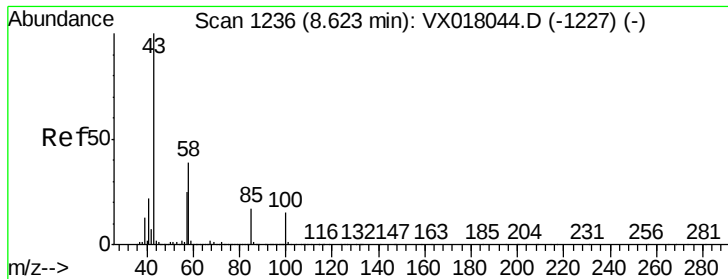
MMDadoda
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#50
Toluene-d8
Concen: 46.490 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 86.701 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 43 Resp: 582008

Ion Ratio Lower Upper

43 100

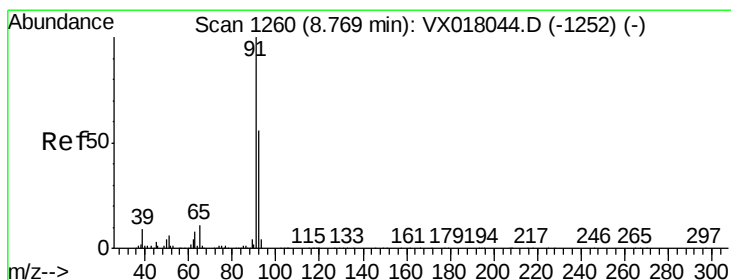
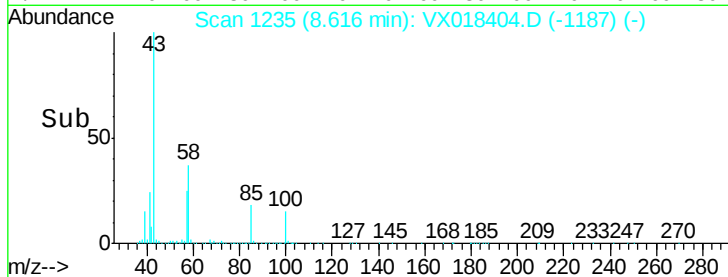
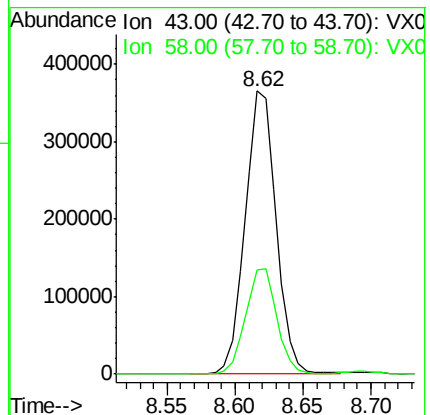
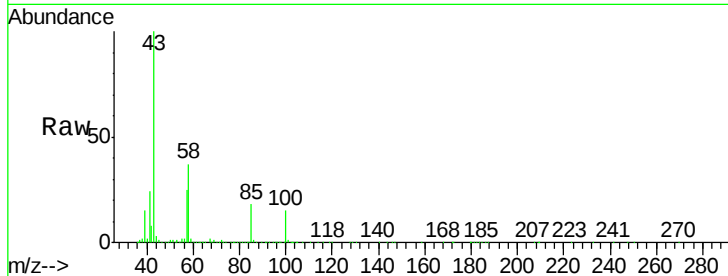
58 37.7 30.7 46.1

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#52

Toluene

Concen: 17.929 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018404.D

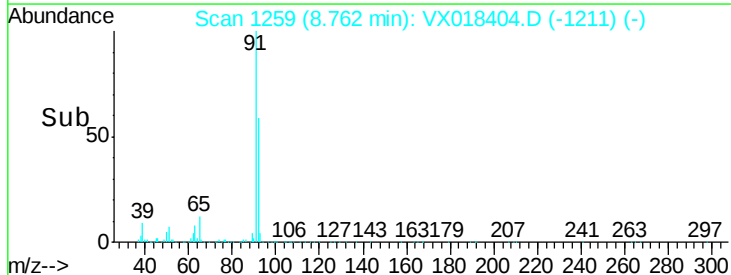
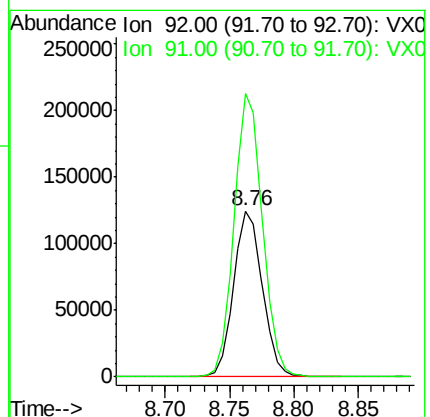
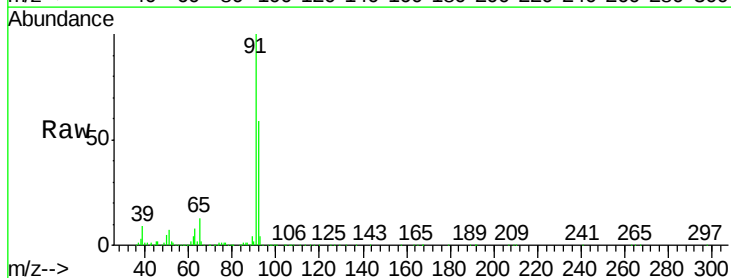
Acq: 15 Sep 2020 14:15

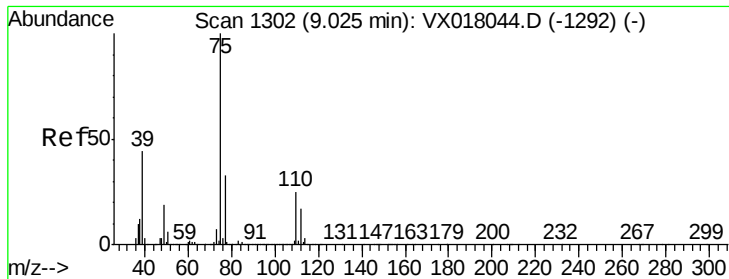
Tgt Ion: 92 Resp: 193516

Ion Ratio Lower Upper

92 100

91 169.1 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 18.820 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 75 Resp: 134364

Ion Ratio Lower Upper

75 100

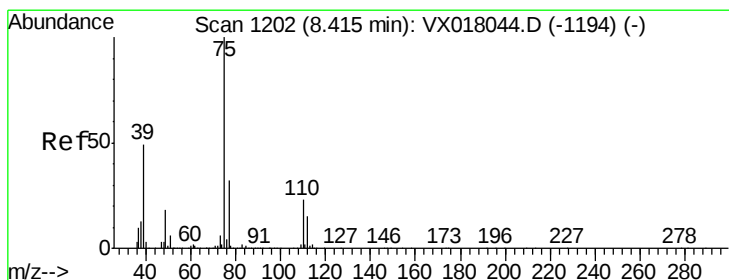
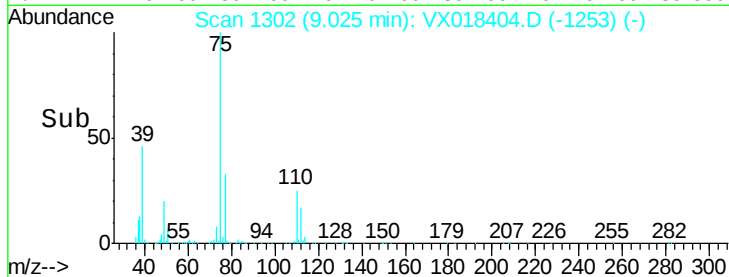
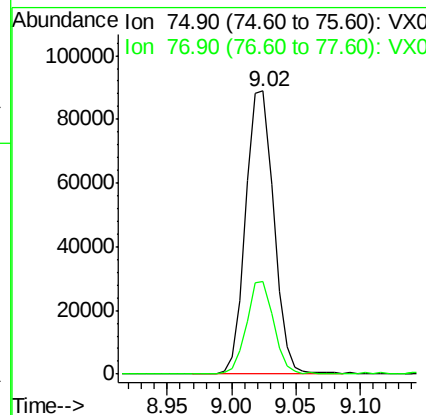
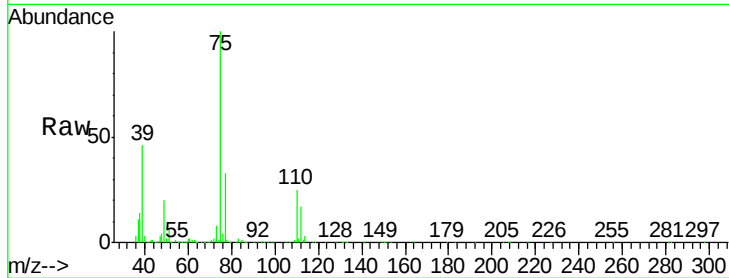
77 32.7 26.6 39.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.396 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

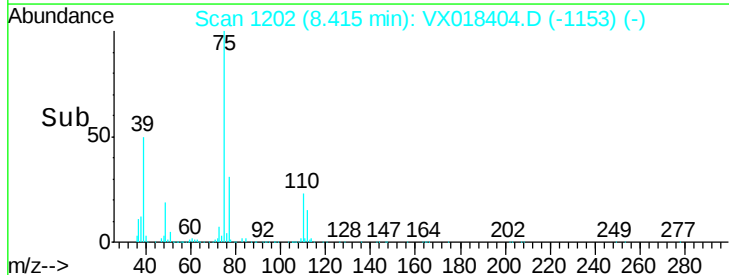
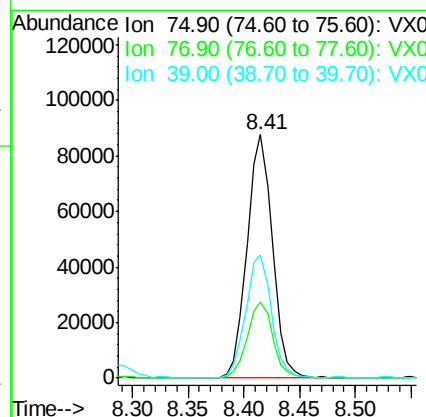
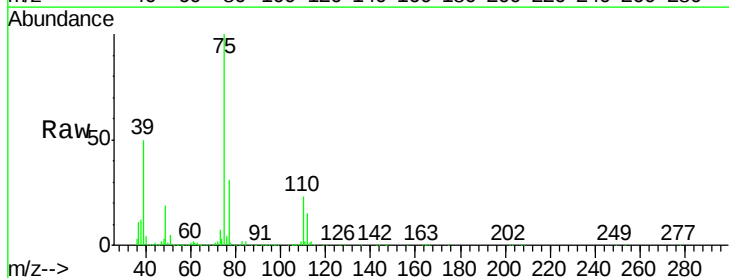
Tgt Ion: 75 Resp: 139129

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

39 50.2 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 18.635 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

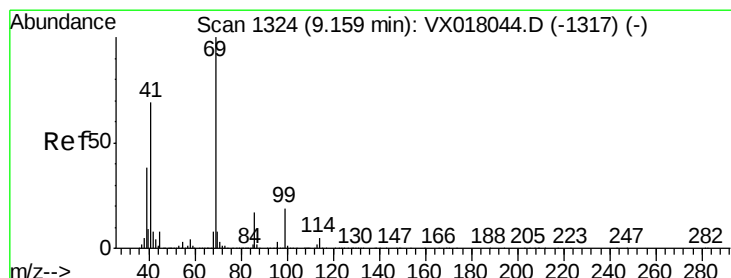
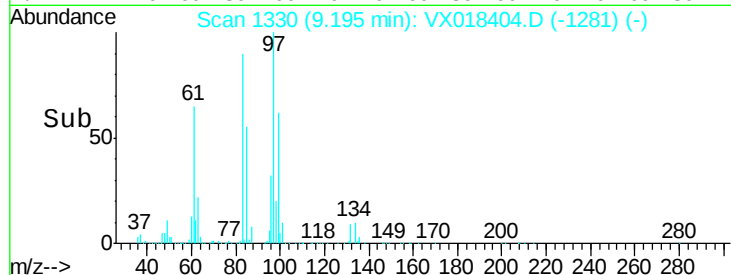
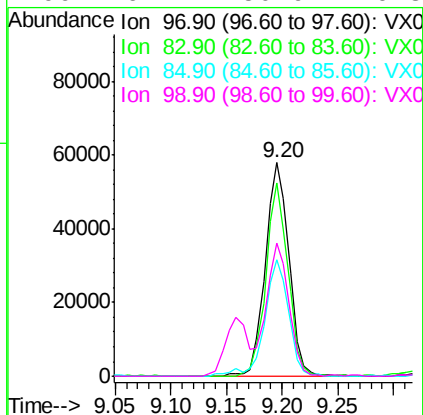
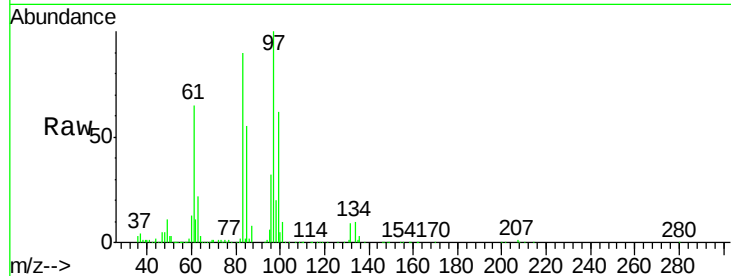
ClientSampleId :

VX0915WBSD01

Tot Ion	97	Resp	85786
Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.8	101.6
85	54.7	45.3	67.9
99	62.1	50.9	76.3

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#56

Ethyl methacrylate

Concen: 17.485 ug/l

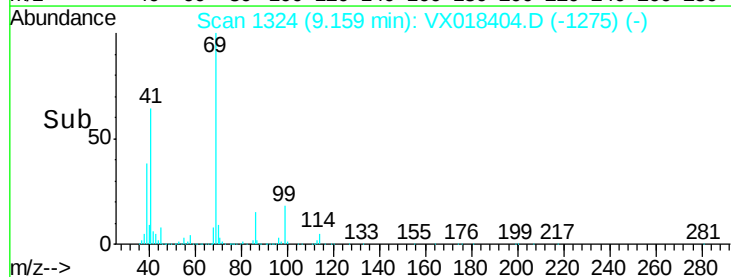
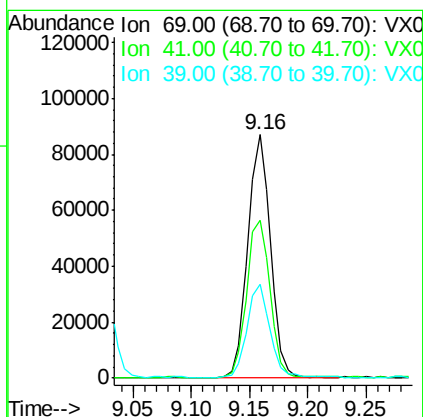
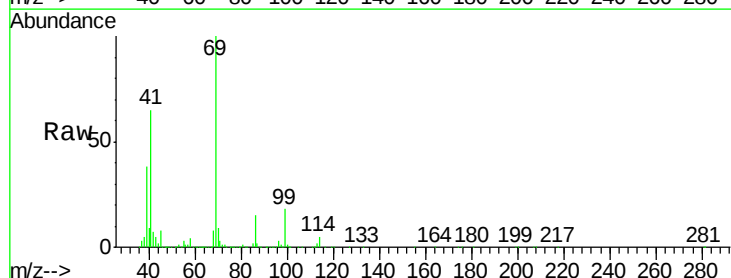
RT: 9.16 min Scan# 1324

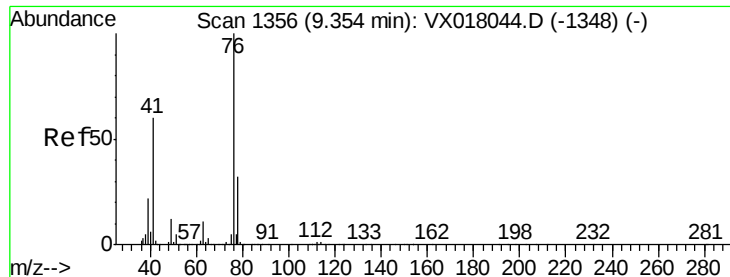
Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion	69	Resp	119657
Ion	Ratio	Lower	Upper
69	100		
41	66.5	54.6	81.8
39	38.8	29.1	43.7





#57

1,3-Dichloropropane

Concen: 18.228 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 76 Resp: 138400

Ion Ratio Lower Upper

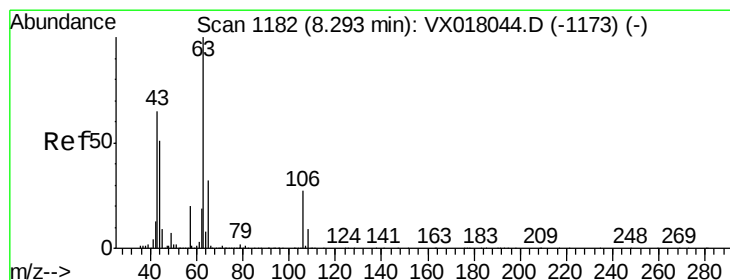
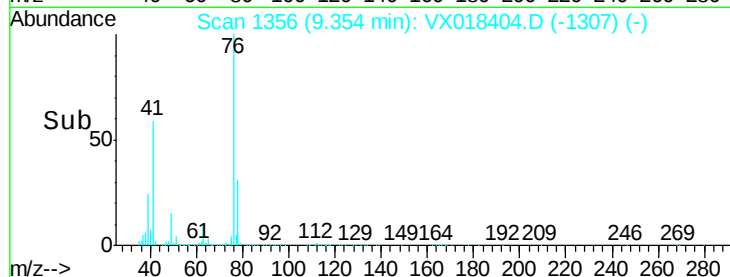
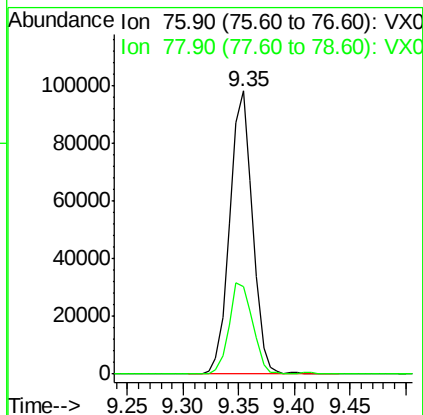
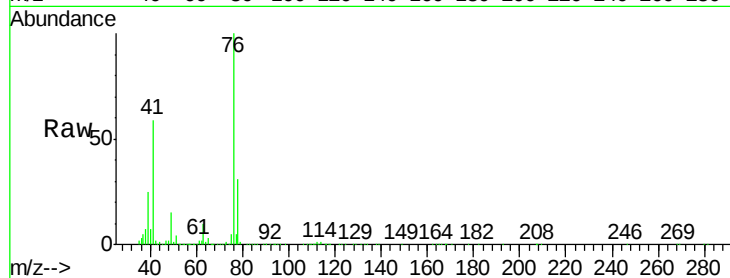
76 100

78 33.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 96.520 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018404.D

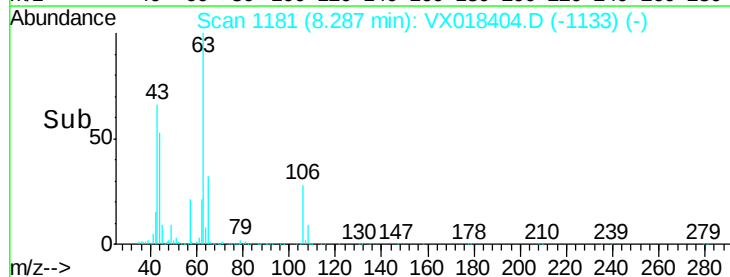
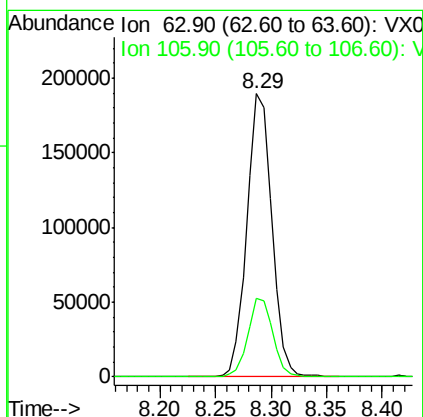
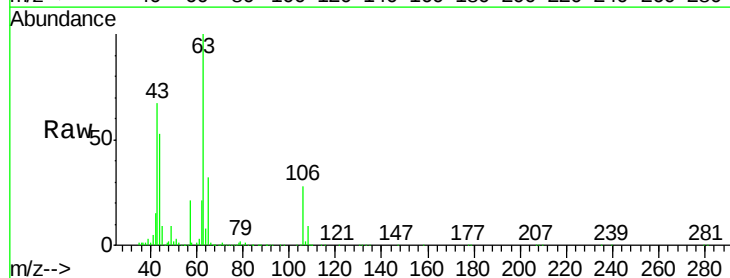
Acq: 15 Sep 2020 14:15

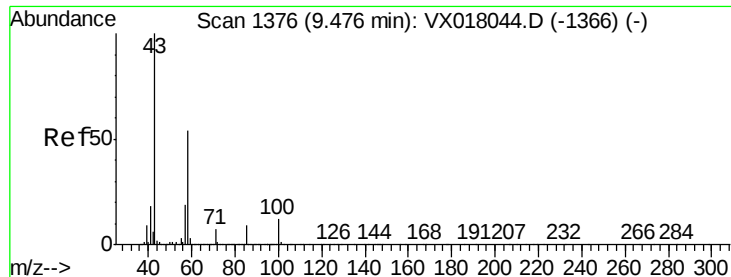
Tgt Ion: 63 Resp: 297135

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1





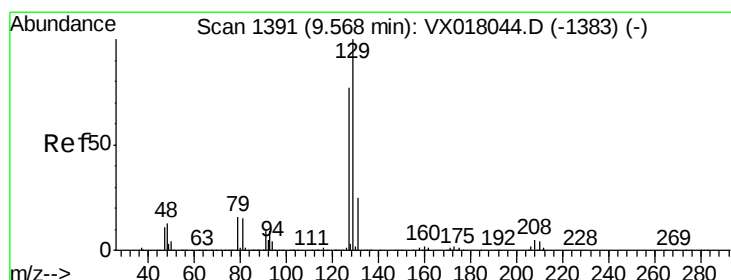
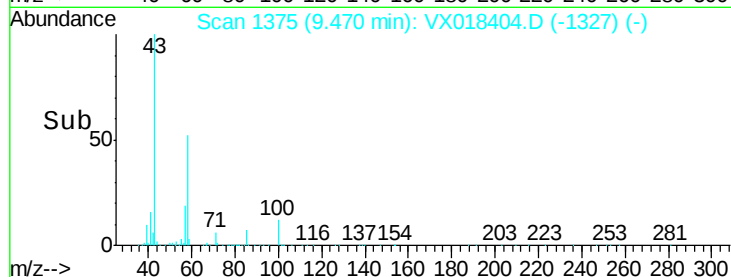
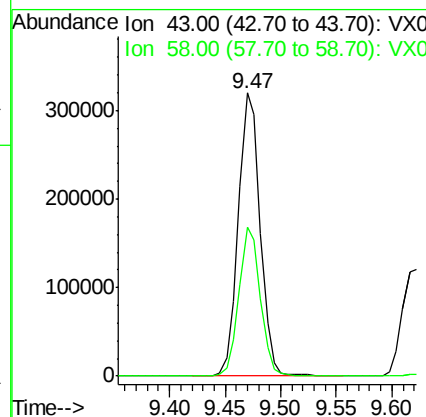
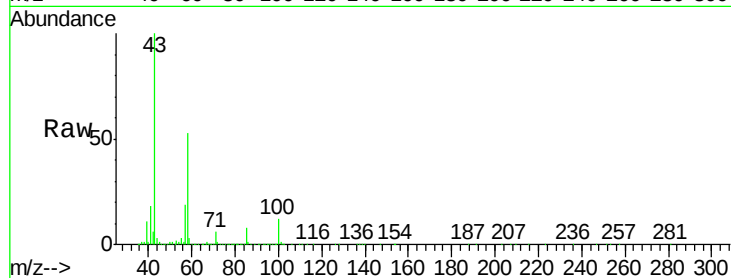
#59
2-Hexanone
Concen: 85.239 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion: 43 Resp: 435087
Ion Ratio Lower Upper
43 100
58 51.4 26.6 79.7

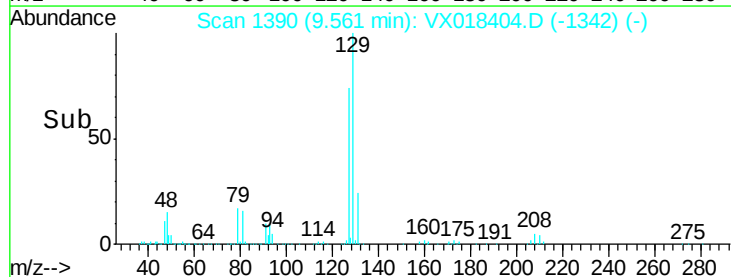
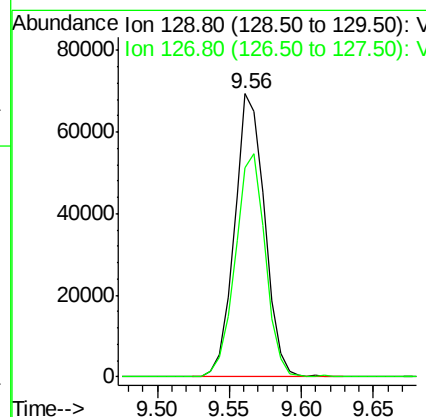
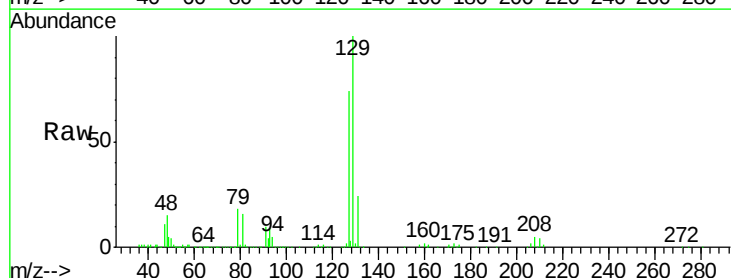
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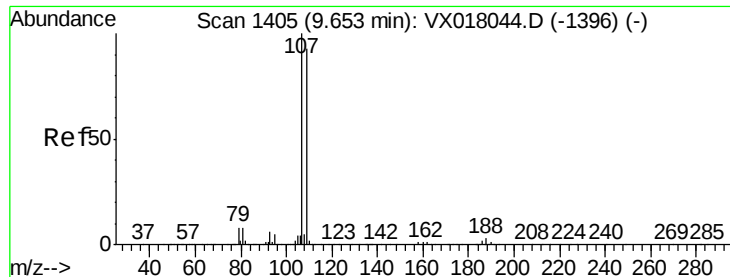
MMDadoda
9/16/2020 11:45:09 AM



#60
Dibromochloromethane
Concen: 18.794 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion: 129 Resp: 101493
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





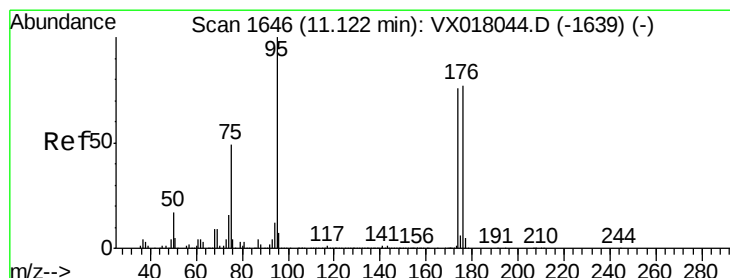
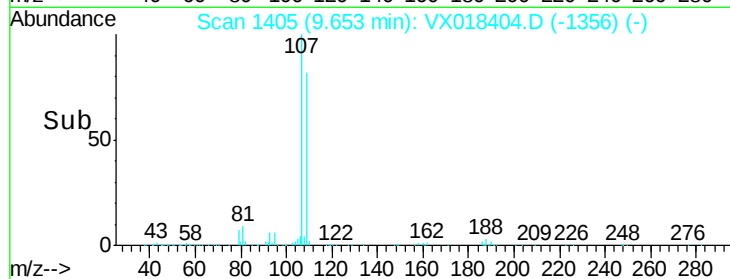
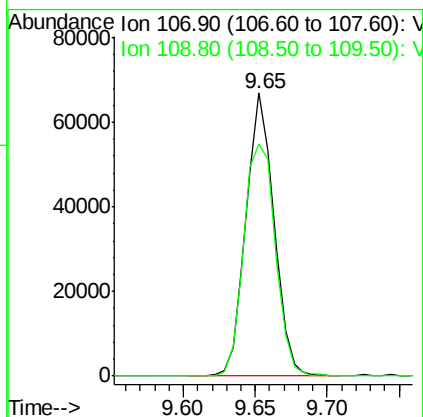
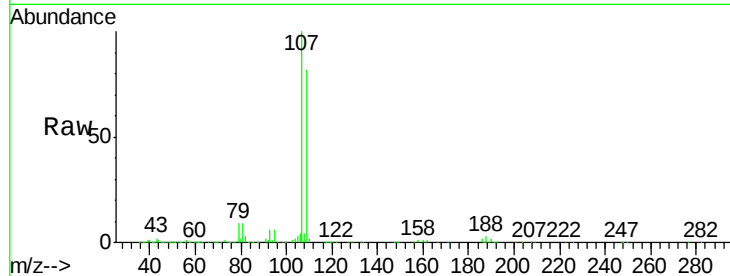
#61
 1,2-Dibromoethane
 Concen: 18.053 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.9	113.9

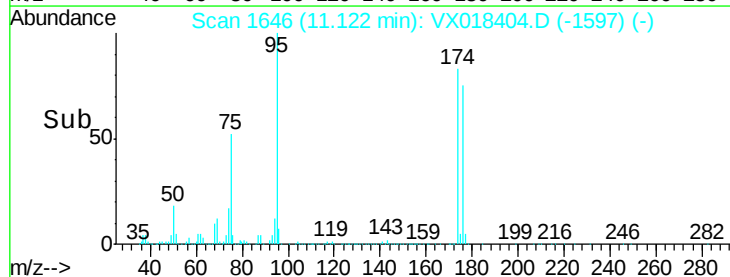
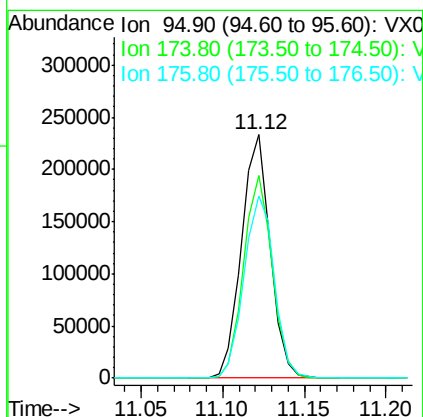
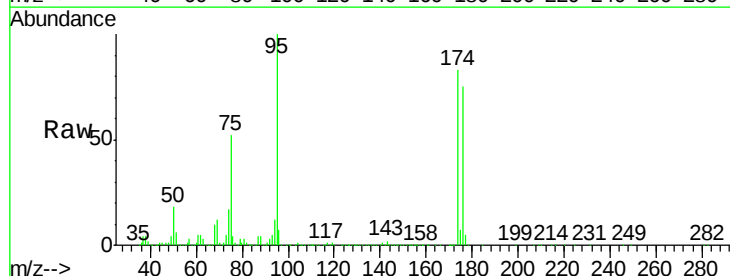
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#62
 4-Bromofluorobenzene
 Concen: 45.831 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	160.2
176	78.8	0.0	155.8





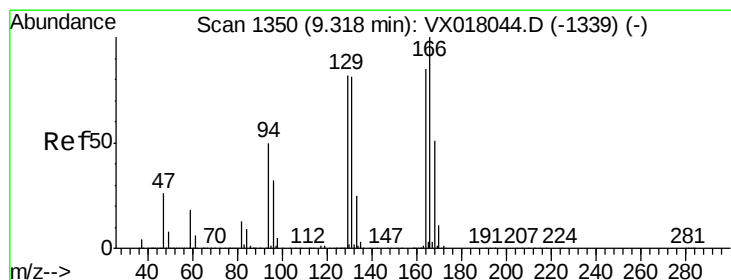
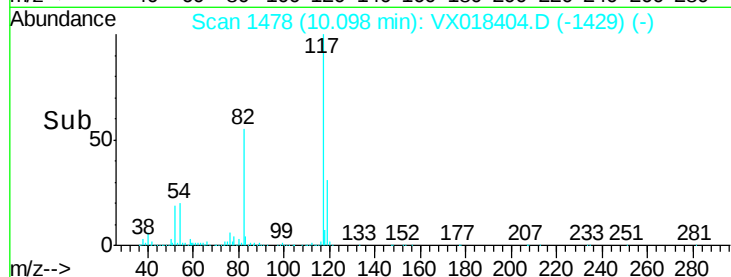
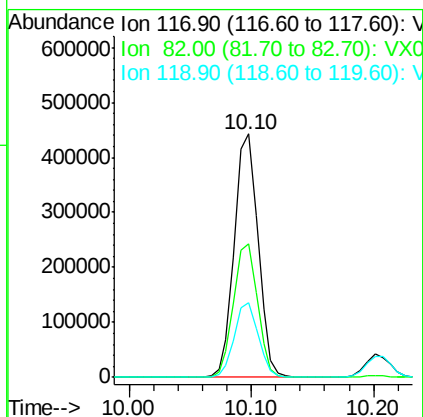
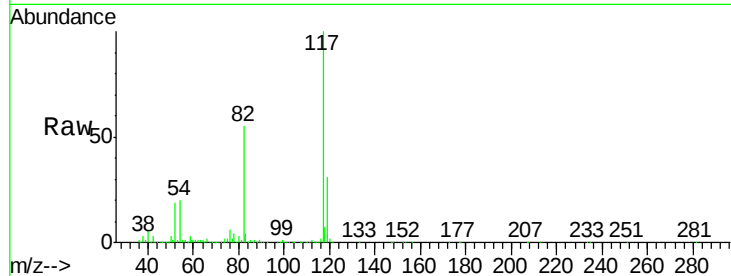
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	30.9	25.7	38.5

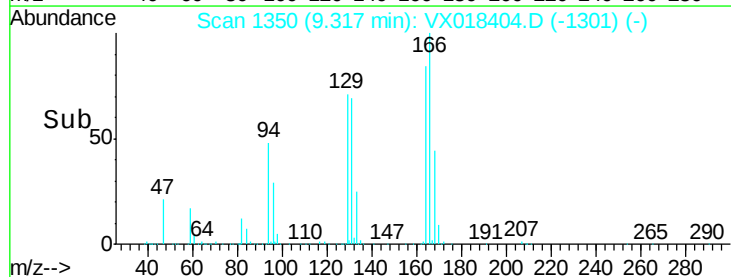
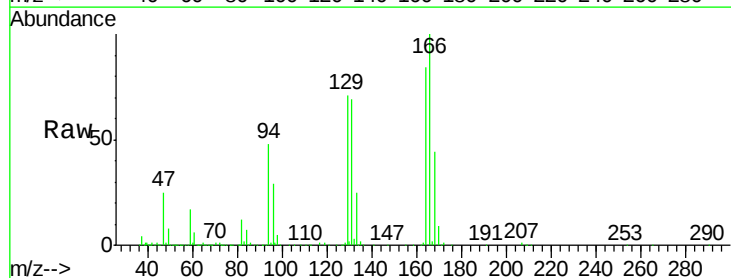
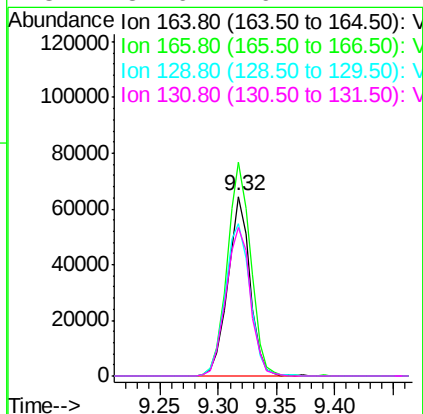
Manual Integrations
APPROVED

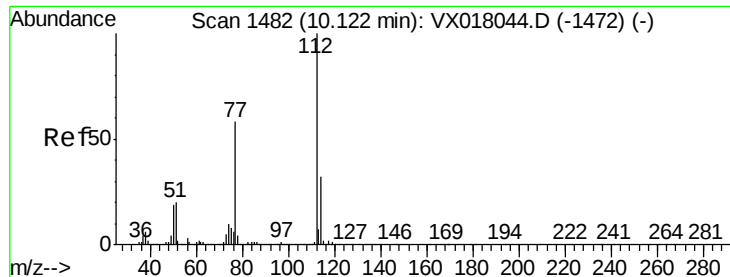
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#64
Tetrachloroethene
Concen: 19.521 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.0	94.2	141.2
129	84.7	76.9	115.3
131	82.6	76.1	114.1





#65

Chlorobenzene

Concen: 18.713 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampled :

VX0915WBSD01

Tot Ion:112 Resp: 222327

Ion Ratio Lower Upper

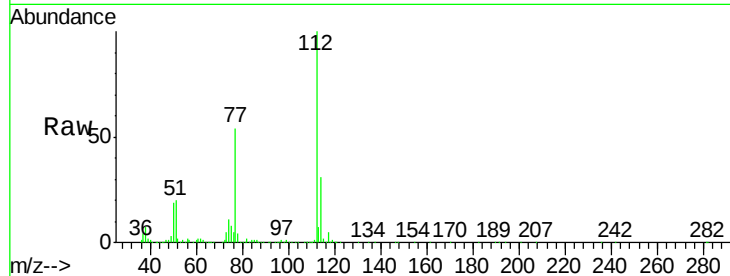
112 100

114 31.3 25.7 38.5

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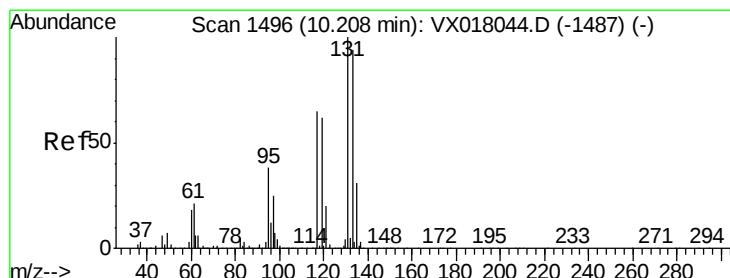
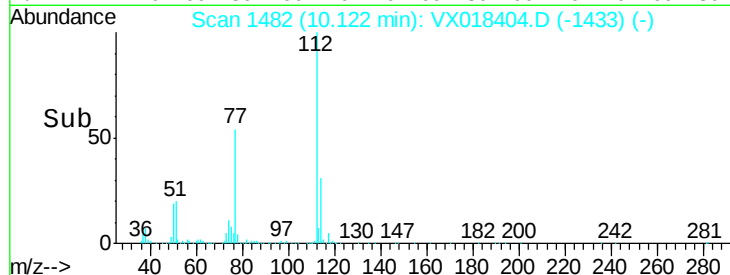
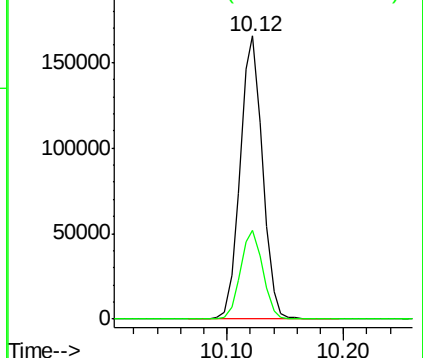
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.185 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

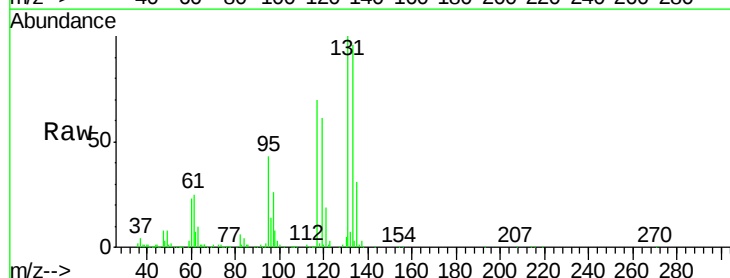
Tgt Ion:131 Resp: 89838

Ion Ratio Lower Upper

131 100

133 95.2 46.7 140.1

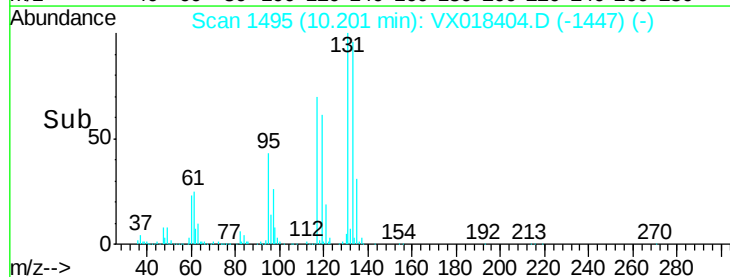
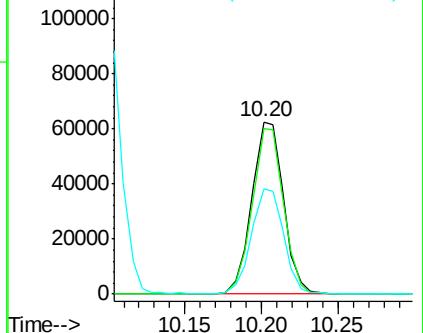
119 62.9 31.8 95.4

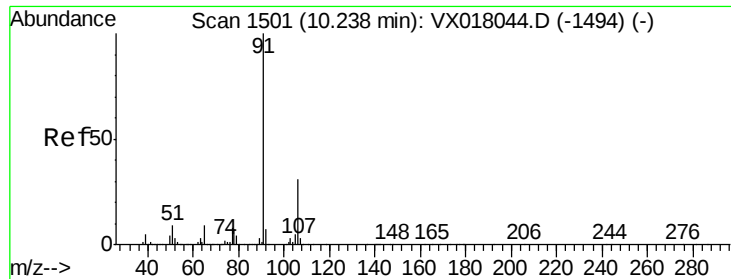


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





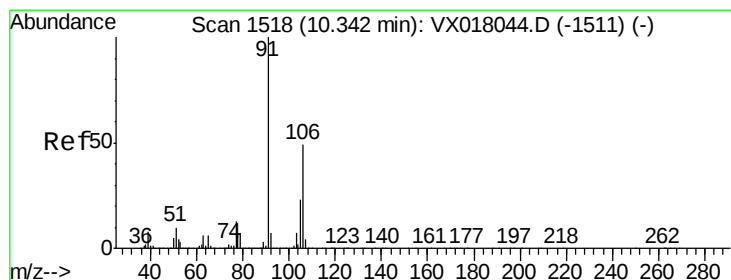
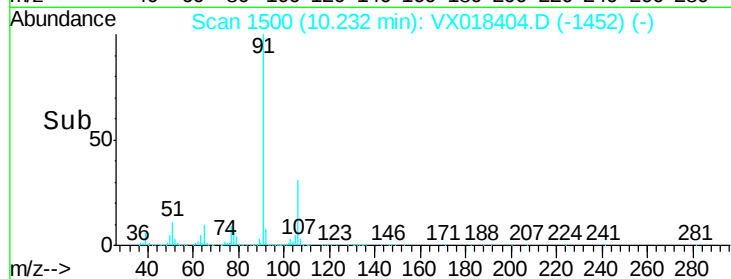
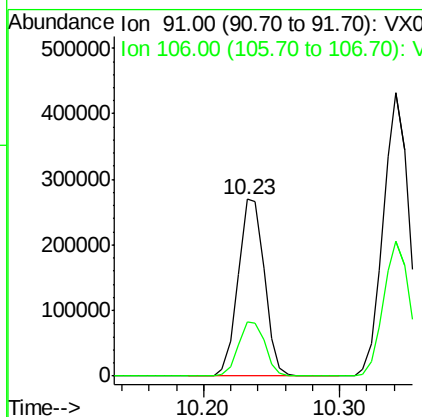
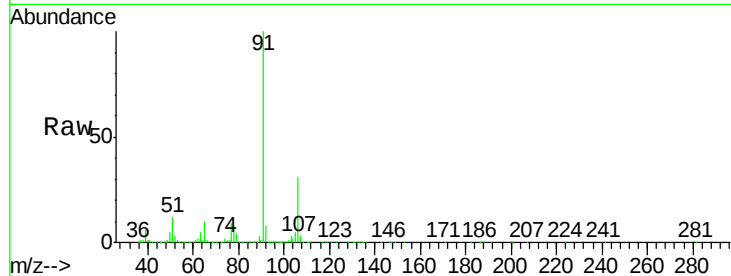
#67
Ethyl Benzene
Concen: 18.071 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion: 91 Resp: 365125
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

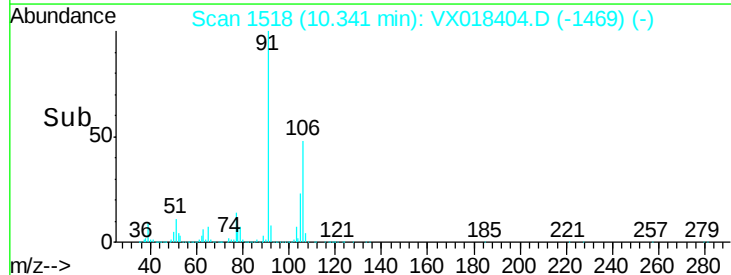
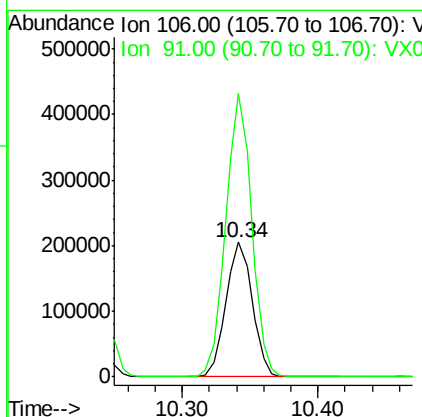
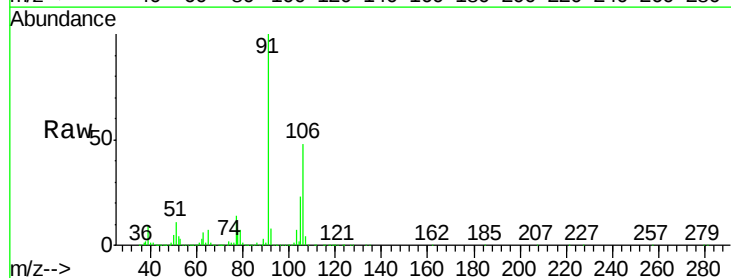
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#68
m/p-Xylenes
Concen: 36.798 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion: 106 Resp: 277504
Ion Ratio Lower Upper
106 100
91 206.0 162.2 243.2





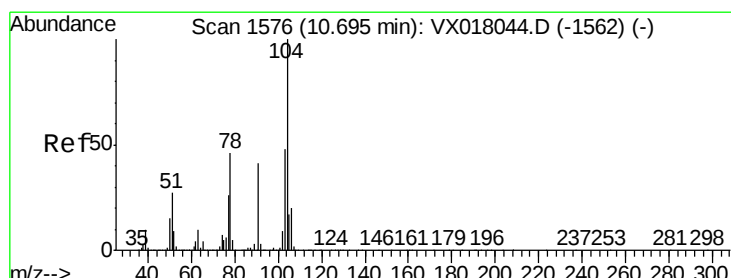
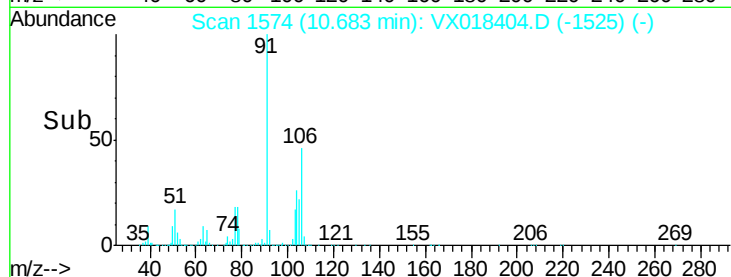
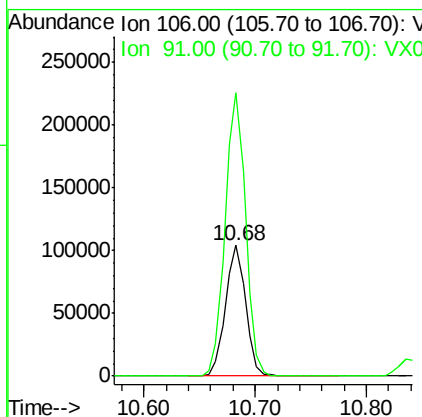
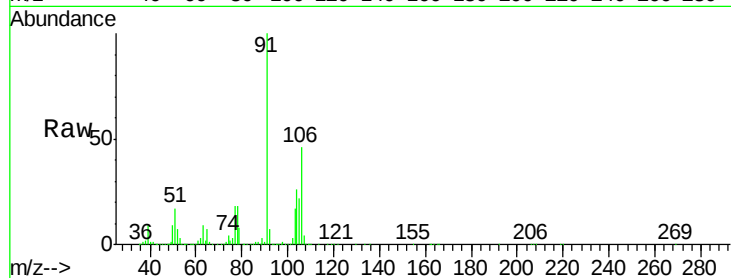
#69
o-Xylene
Concen: 17.881 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	130718		
91	219.2	107.1	321.3	

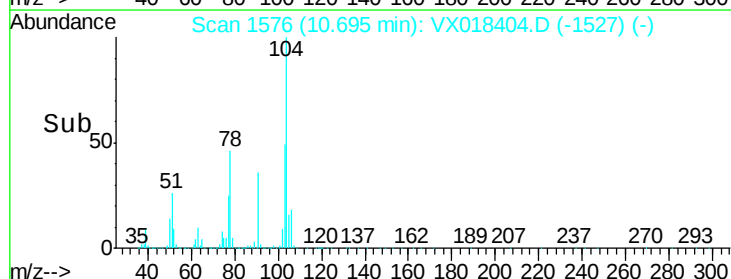
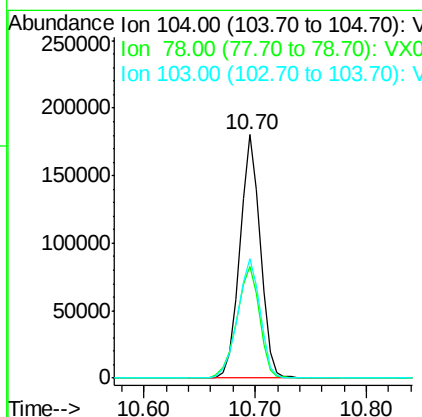
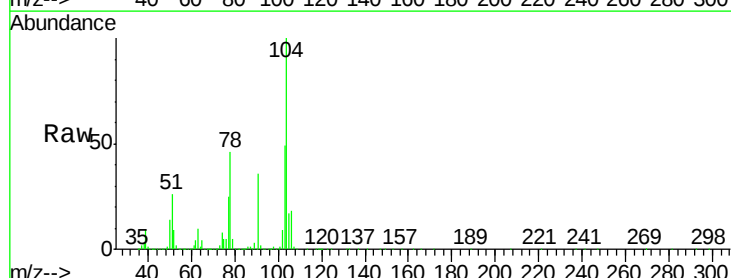
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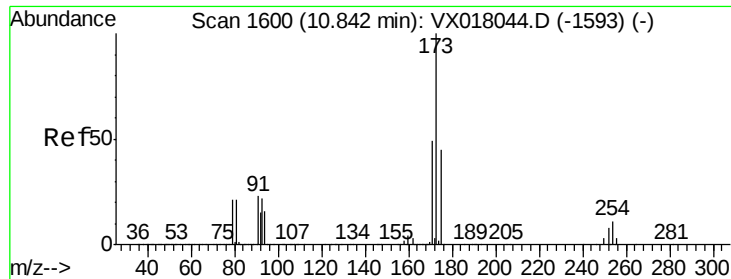
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#70
Styrene
Concen: 18.410 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	229198		
78	51.3	40.9	61.3	
103	54.2	43.6	65.4	





#71

Bromoform

Concen: 18.954 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion:173 Resp: 75705

Ion Ratio Lower Upper

173 100

175 46.8 23.9 71.8

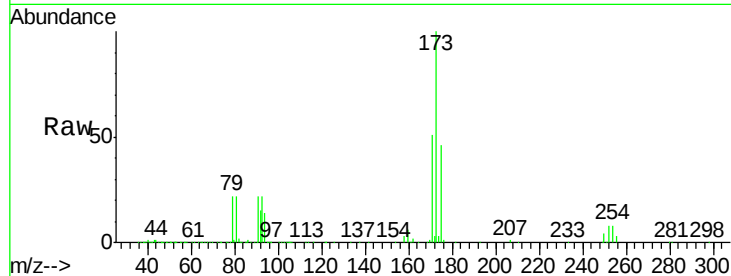
254 0.0 0.2 0.2#

Manual Integrations

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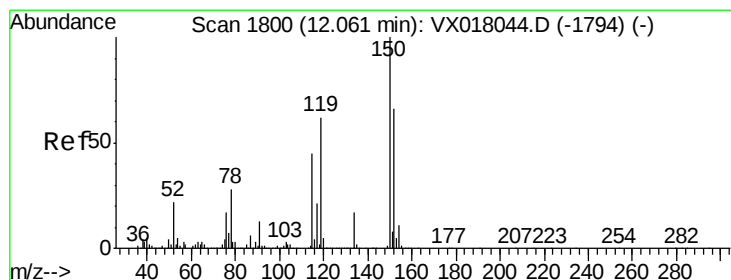
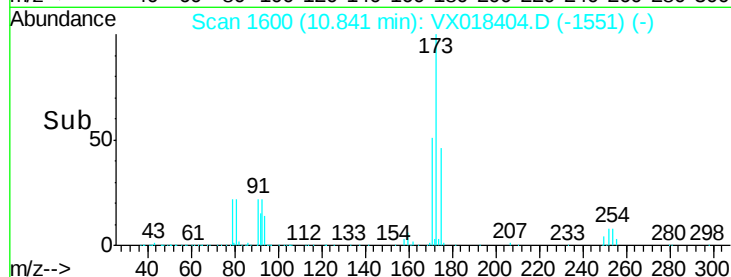
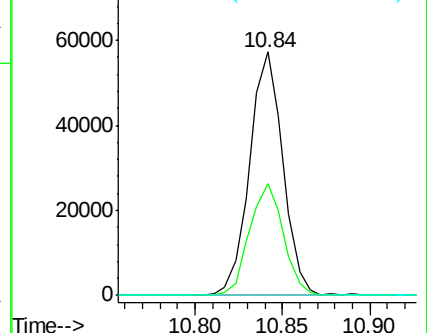
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

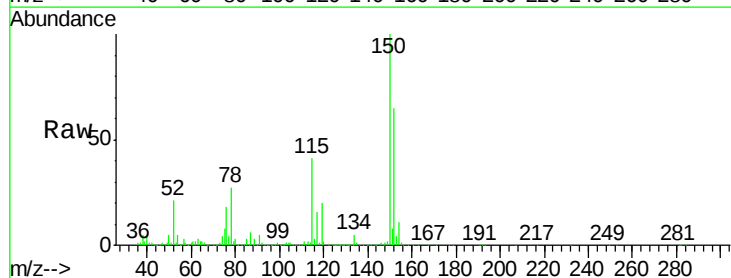
Tgt Ion:152 Resp: 318021

Ion Ratio Lower Upper

152 100

115 67.5 41.5 124.5

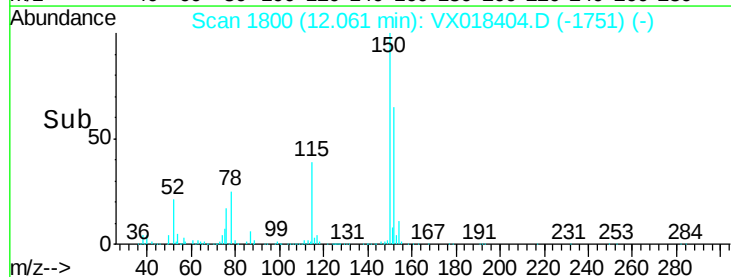
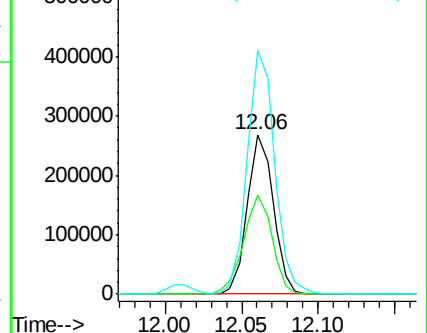
150 161.2 0.0 343.8

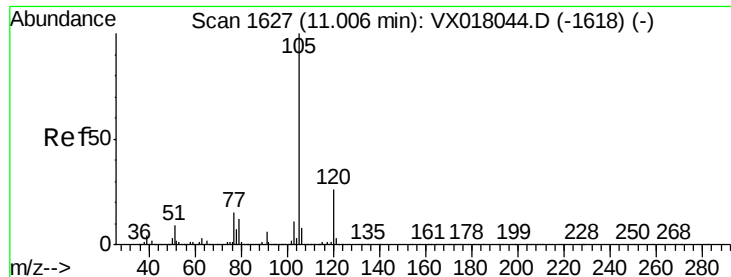


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.271 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 105 Resp: 362286

Ion Ratio Lower Upper

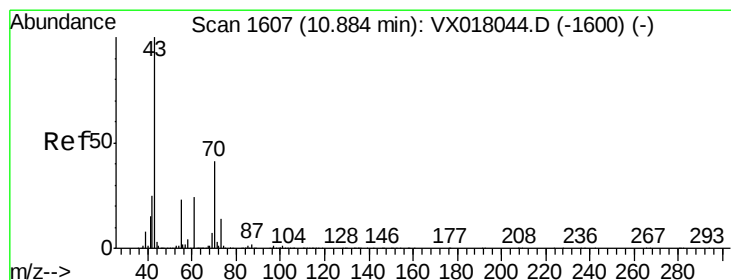
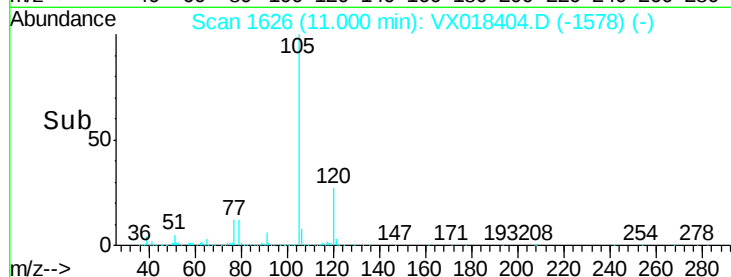
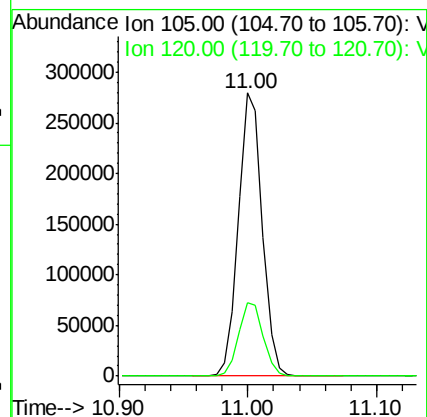
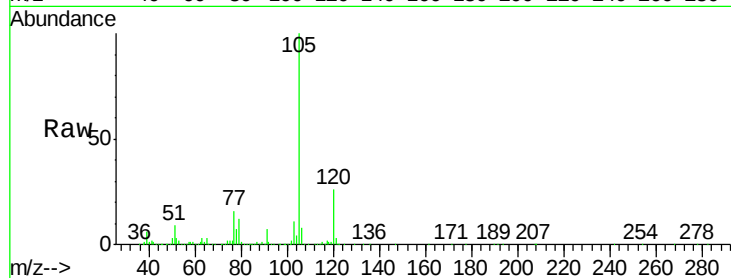
105 100

120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 15.463 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion: 43 Resp: 153903

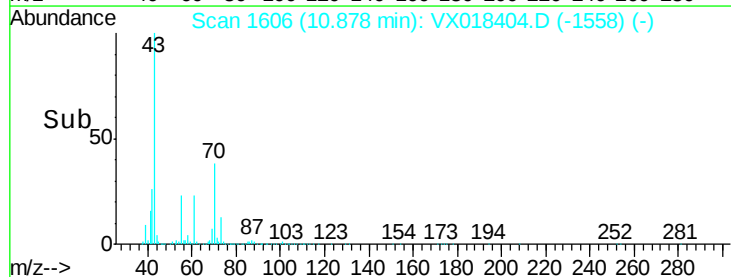
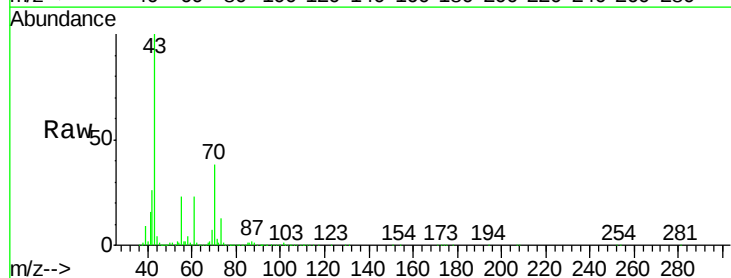
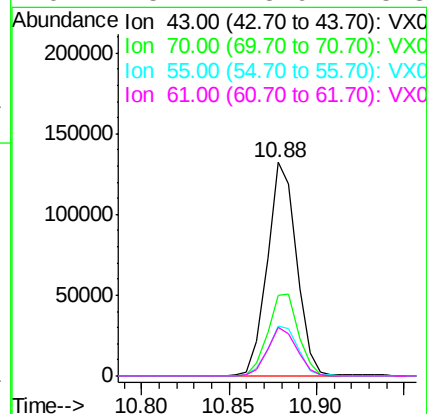
Ion Ratio Lower Upper

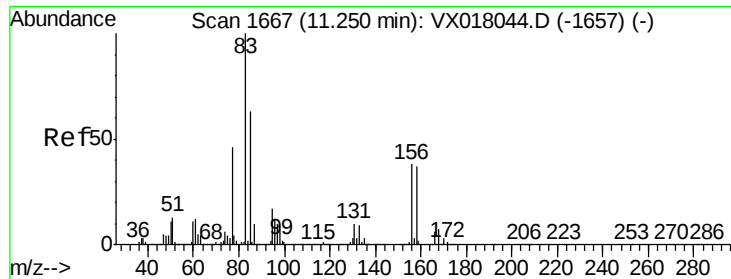
43 100

70 40.6 32.3 48.5

55 24.4 18.2 27.2

61 23.1 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.022 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

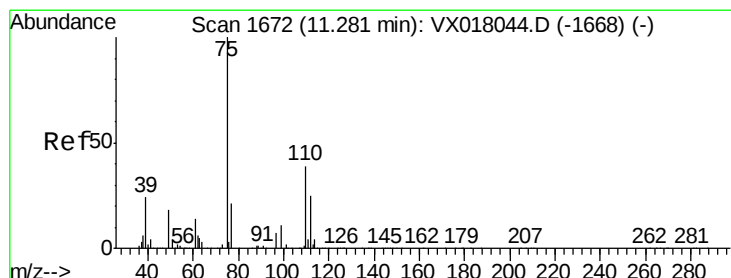
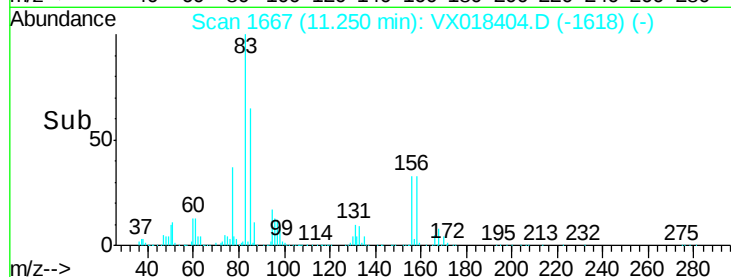
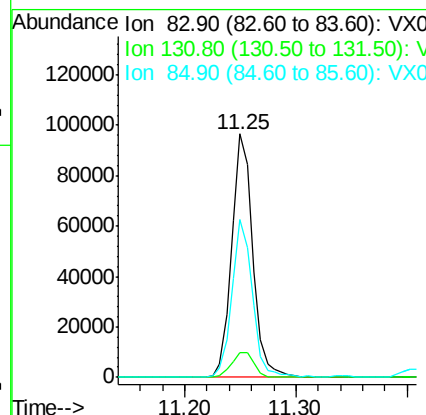
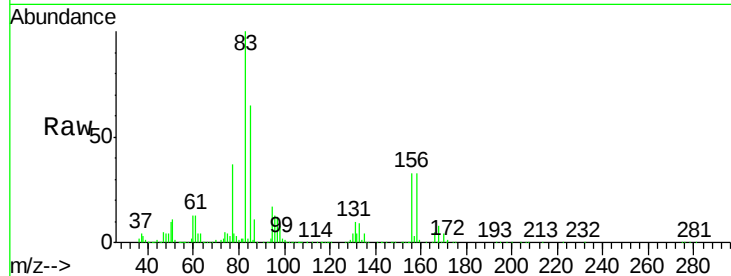
ClientSampleId :

VX0915WBSD01

Tot Ion:	83	Resp:	125964
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	63.4	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 16.731 ug/l m

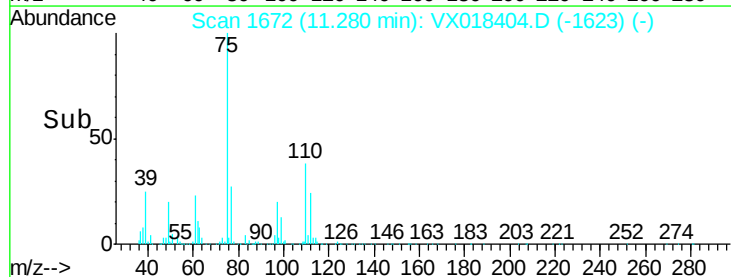
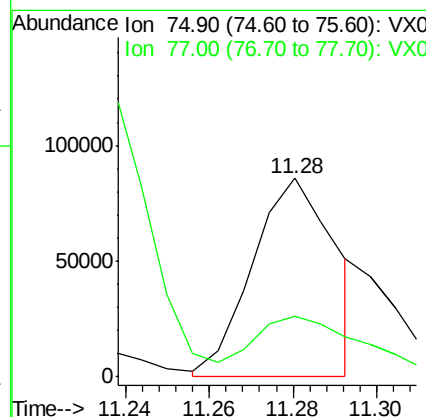
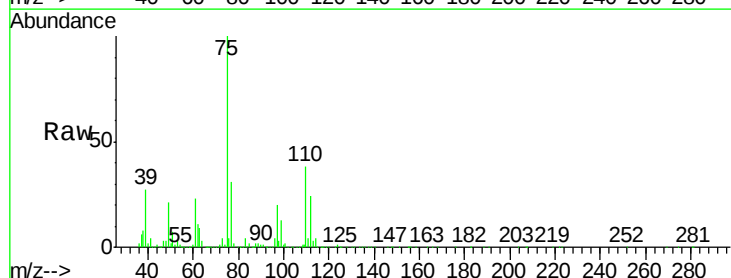
RT: 11.28 min Scan# 1672

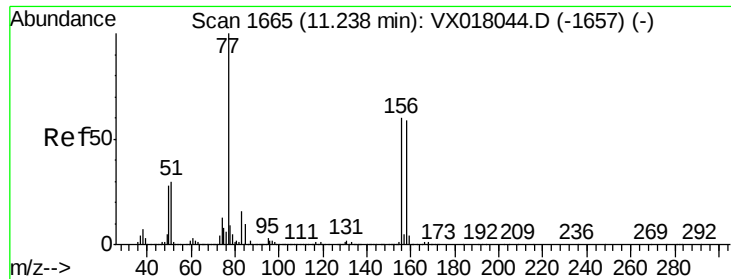
Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion:	75	Resp:	118361
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.8	62.2





#77

Bromobenzene

Concen: 16.854 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

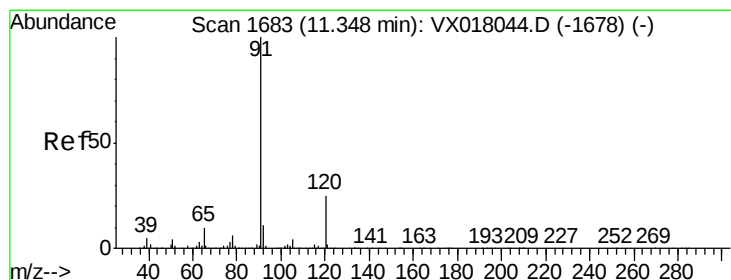
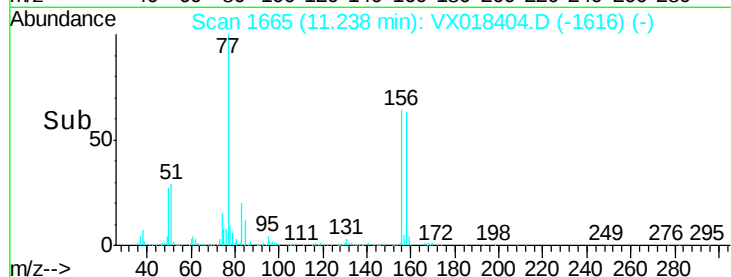
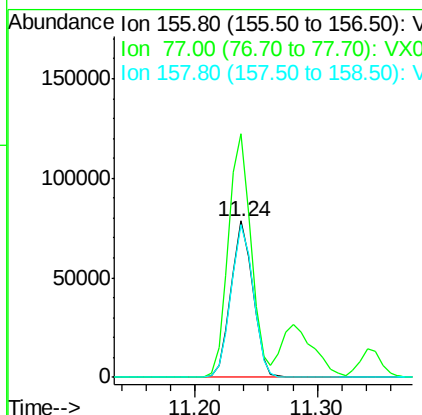
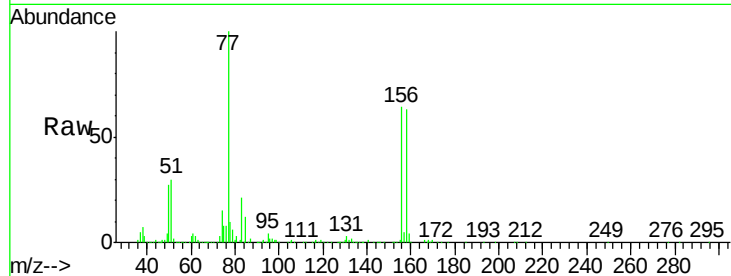
ClientSampleId :

VX0915WBSD01

Tot Ion:	156	Resp:	97725
Ion Ratio	Lower	Upper	
156	100		
77	160.0	80.0	240.2
158	98.6	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 17.131 ug/l

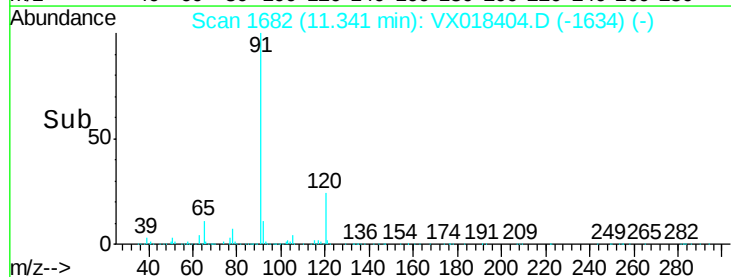
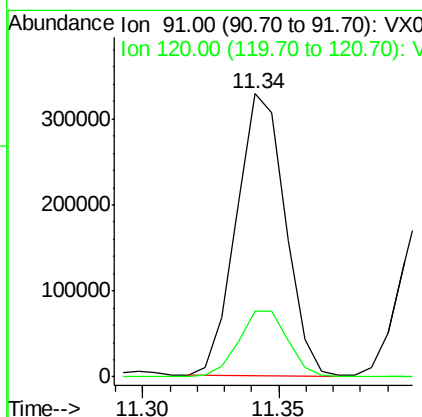
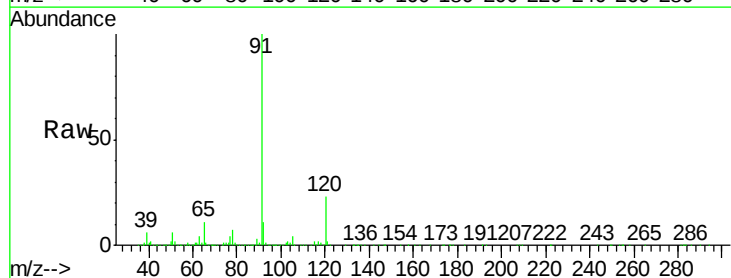
RT: 11.34 min Scan# 1682

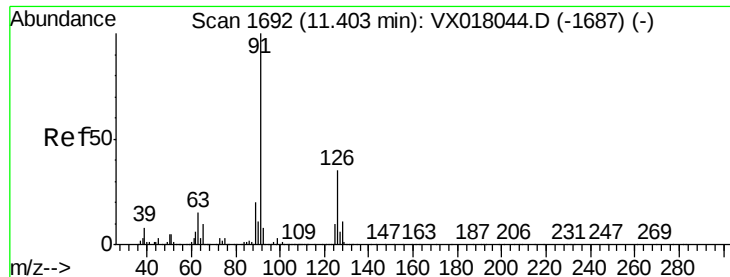
Delta R.T. -0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion:	91	Resp:	408038
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 17.209 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 91 Resp: 253242

Ion Ratio Lower Upper

91 100

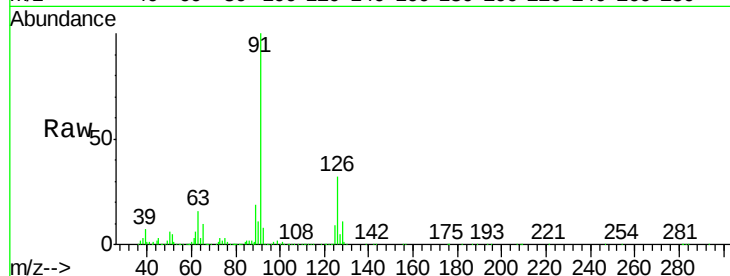
126 34.7 17.4 52.2

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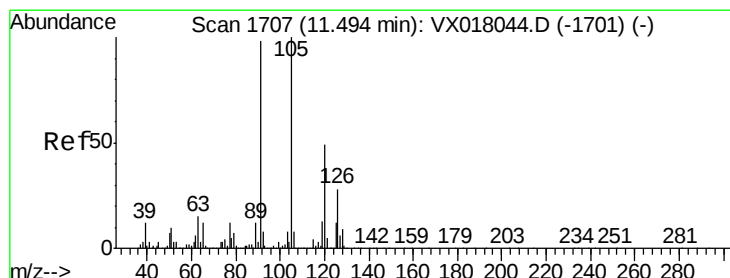
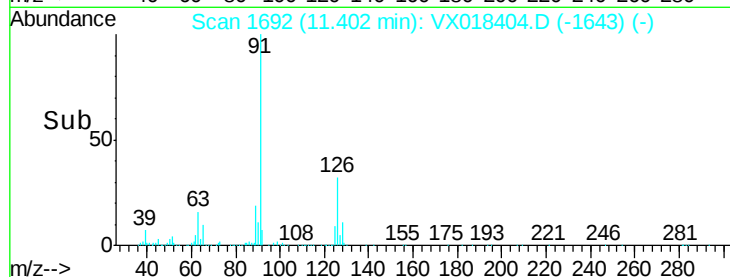
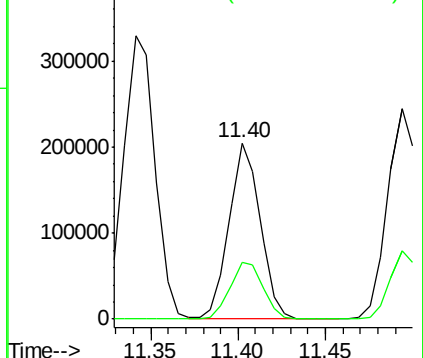
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.213 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018404.D

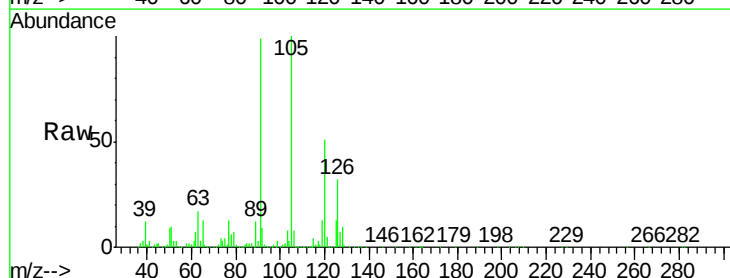
Acq: 15 Sep 2020 14:15

Tgt Ion:105 Resp: 313951

Ion Ratio Lower Upper

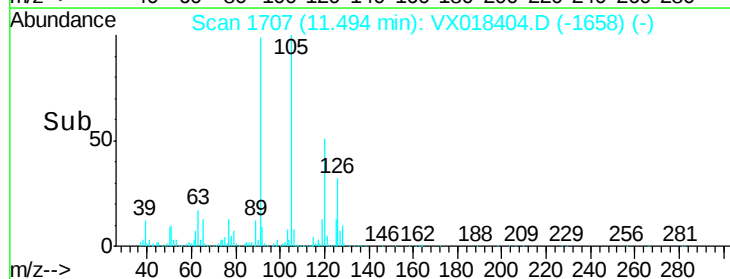
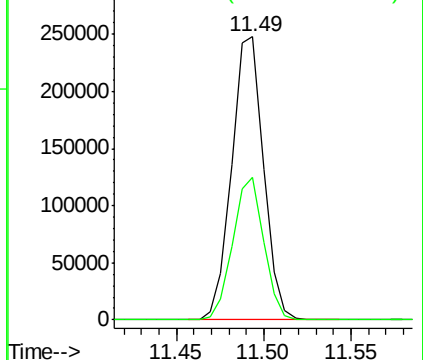
105 100

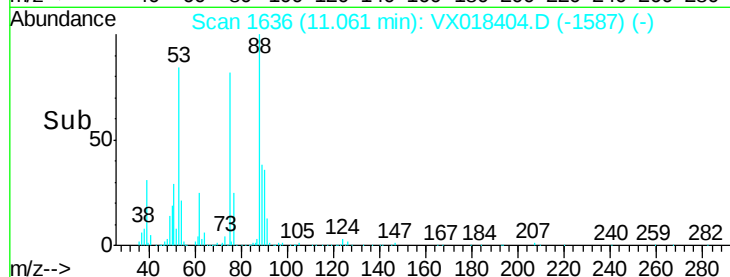
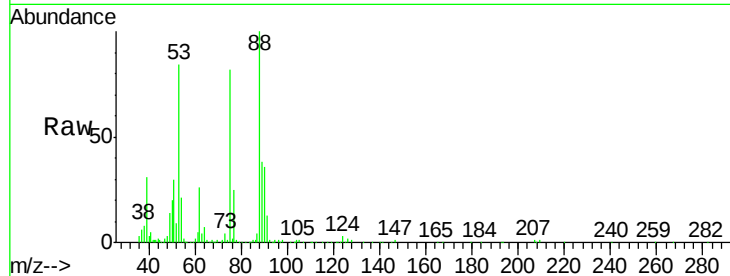
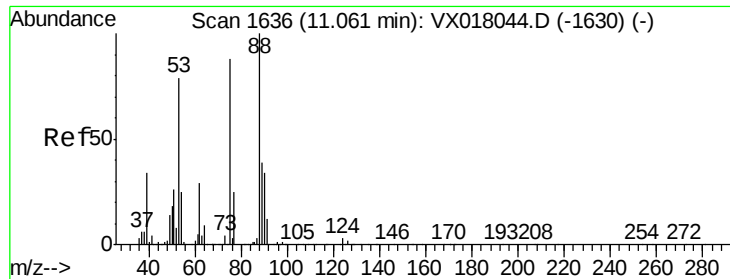
120 49.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.287 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX0180404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD01

Tot Ion: 75 Resp: 42661

Ion Ratio Lower Upper

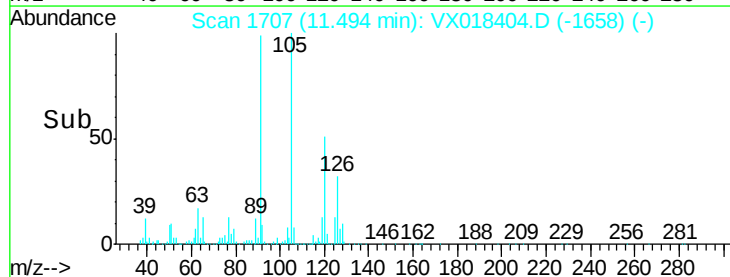
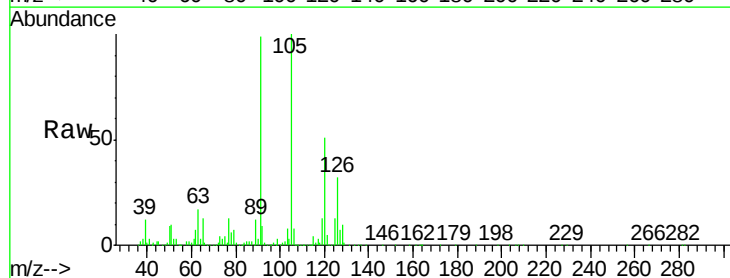
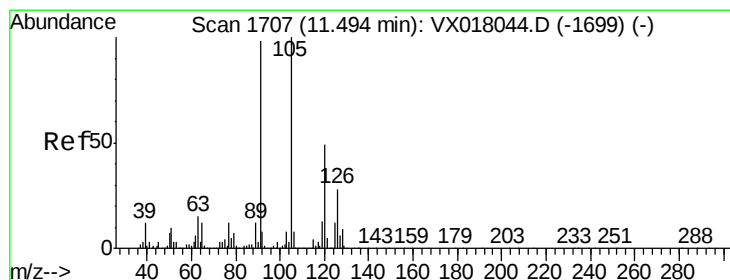
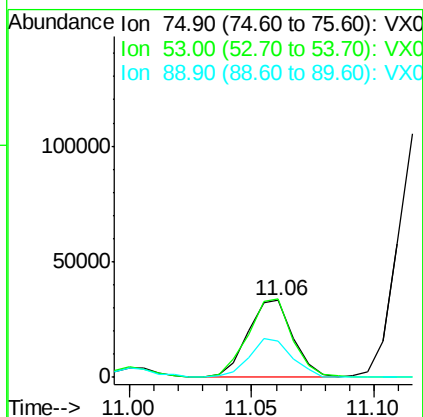
75 100

53 100.5 74.7 112.1

89 47.8 36.6 54.8

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#82

4-Chlorotoluene

Concen: 17.283 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX0180404.D

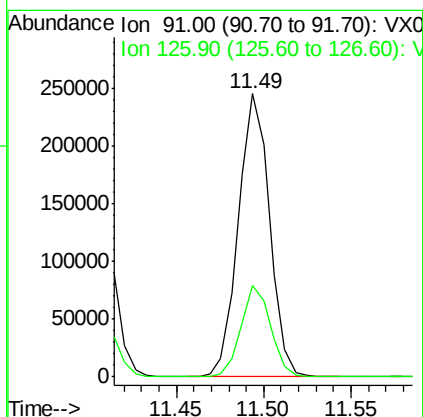
Acq: 15 Sep 2020 14:15

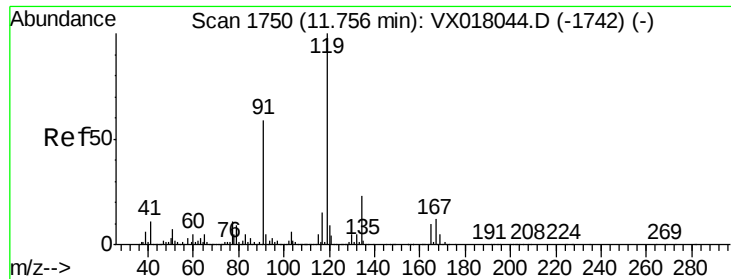
Tgt Ion: 91 Resp: 302355

Ion Ratio Lower Upper

91 100

126 30.9 15.1 45.3





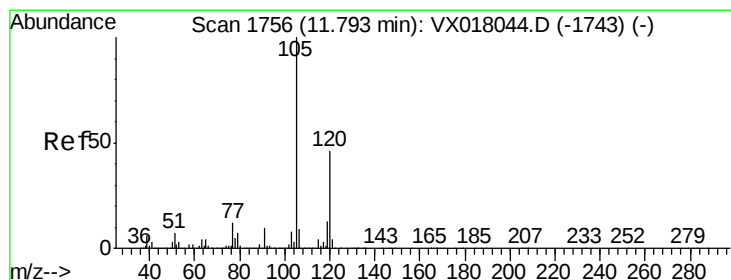
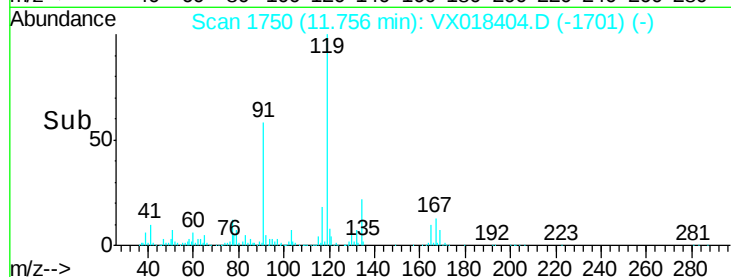
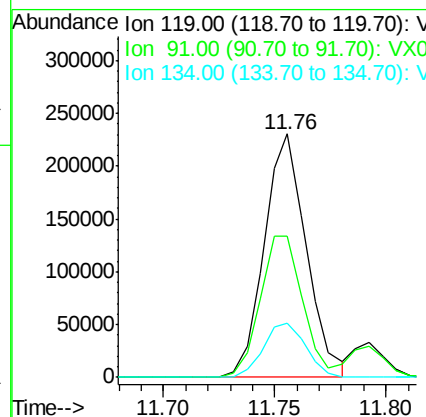
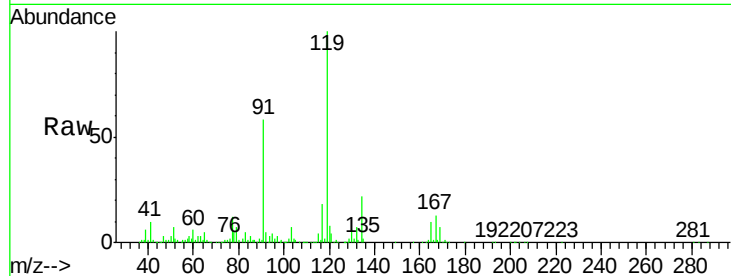
#83
tert-Butylbenzene
Concen: 17.802 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	302847		
91	58.4	28.2	84.7	
134	22.5	11.3	33.8	

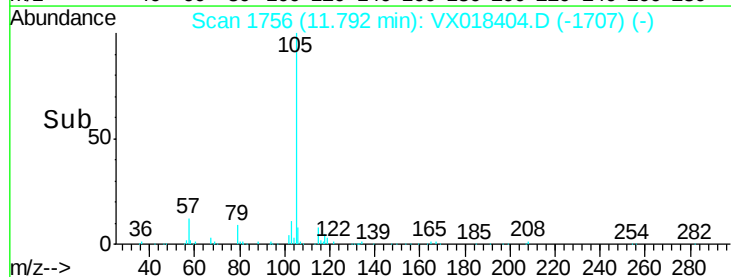
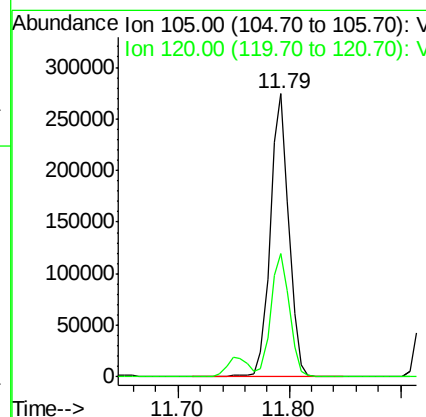
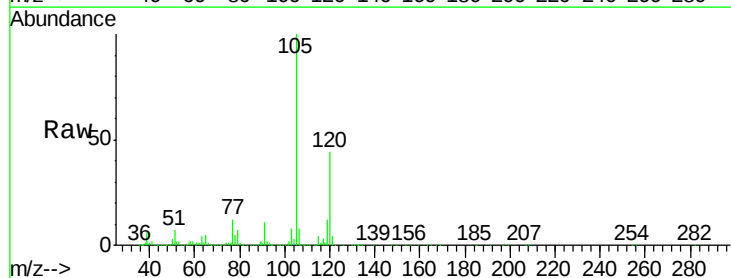
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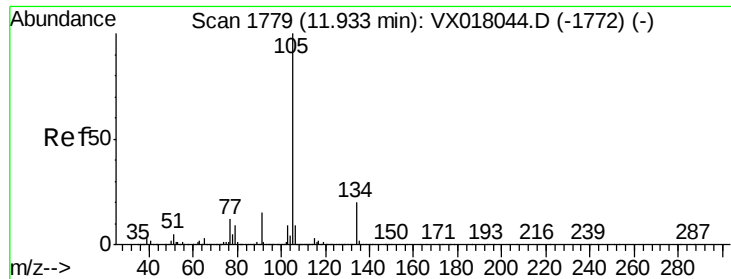
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#84
1,2,4-Trimethylbenzene
Concen: 18.268 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	321951		
120	43.8	22.3	66.9	





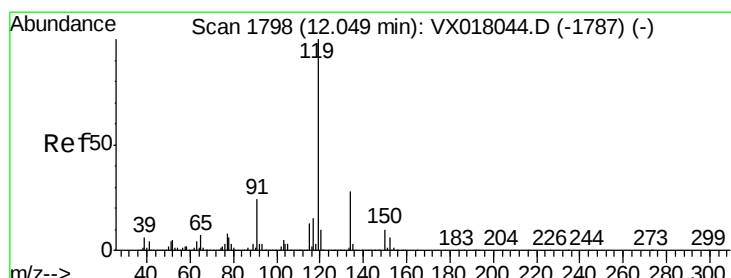
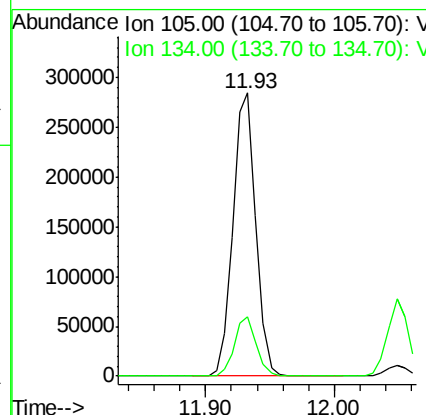
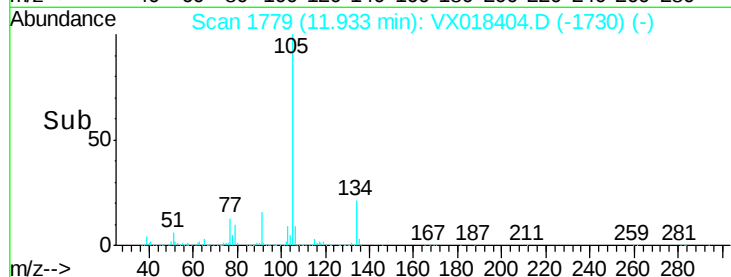
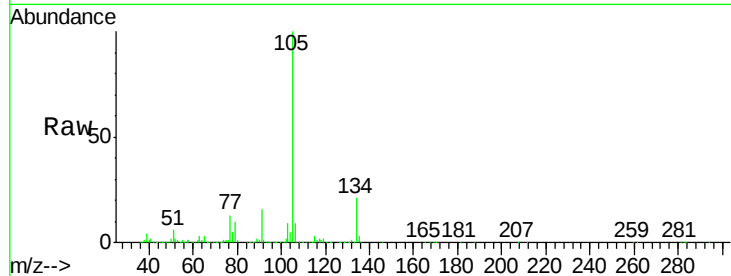
#85
 sec-Butylbenzene
 Concen: 18.292 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018044.D
 Acq: 15 Sep 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	353859		
134	20.1	10.1	30.3	

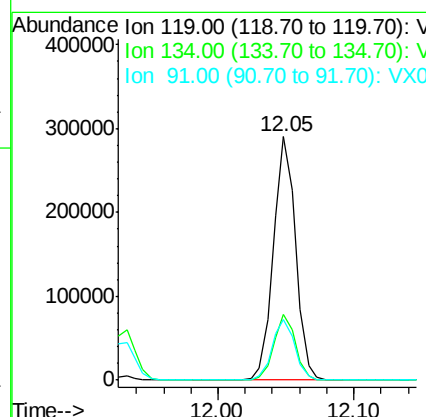
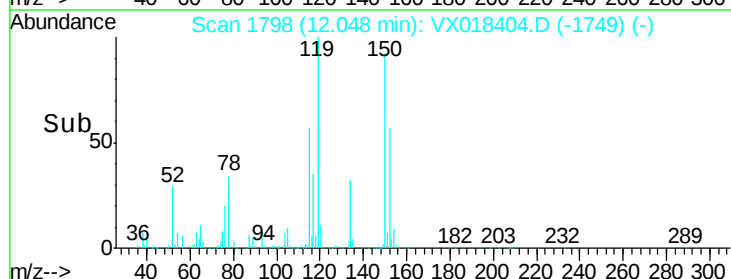
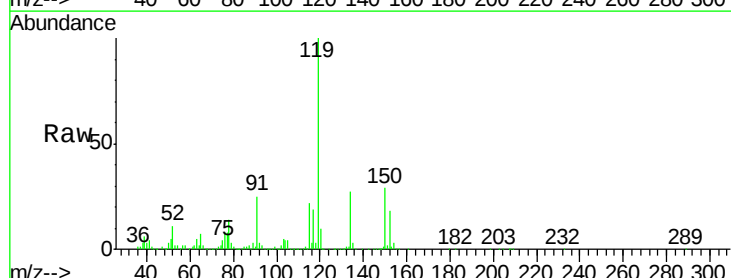
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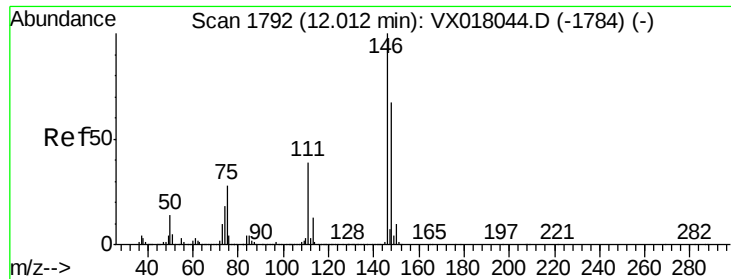
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#86
 p-Isopropyltoluene
 Concen: 18.729 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018044.D
 Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	332816		
134	26.3	13.2	39.5	
91	25.4	11.8	35.4	





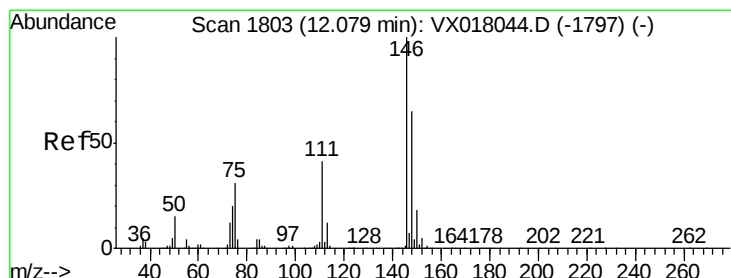
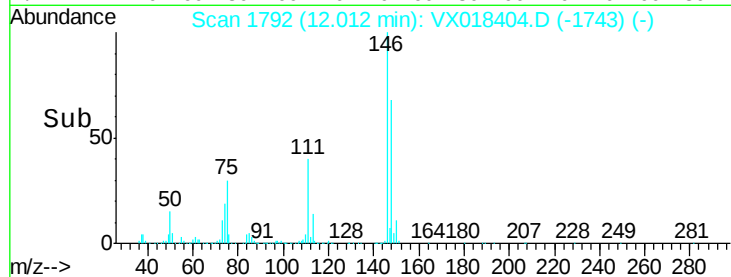
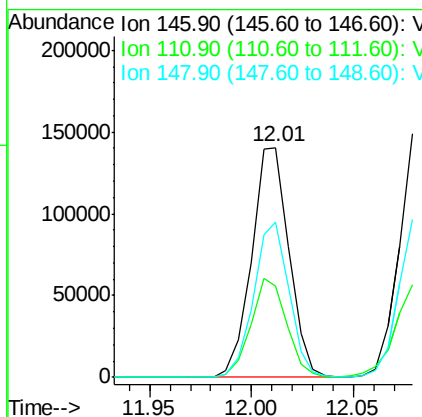
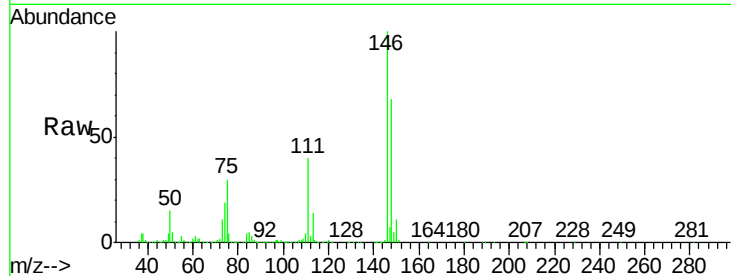
#87
 1,3-Dichlorobenzene
 Concen: 17.601 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.8
148	64.4	33.1	99.2

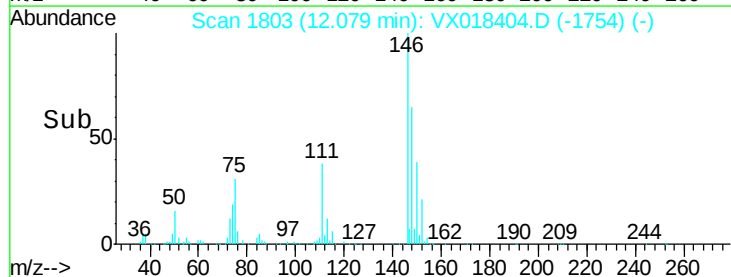
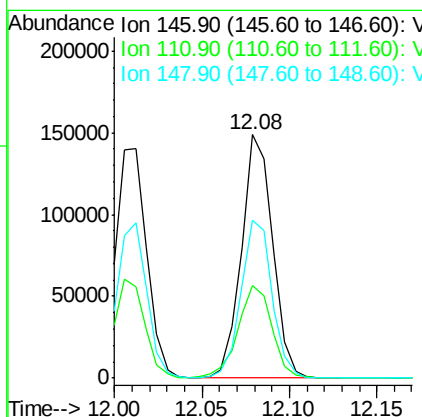
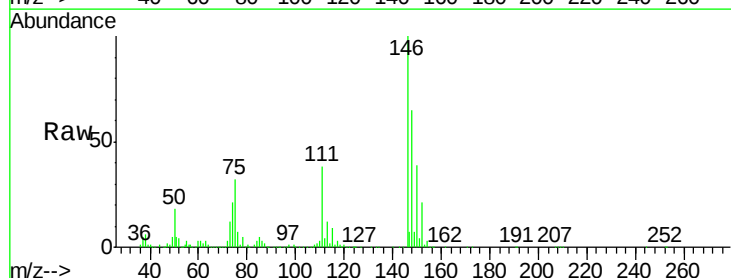
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#88
 1,4-Dichlorobenzene
 Concen: 17.990 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018404.D
 Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	60.8
148	65.1	33.1	99.2





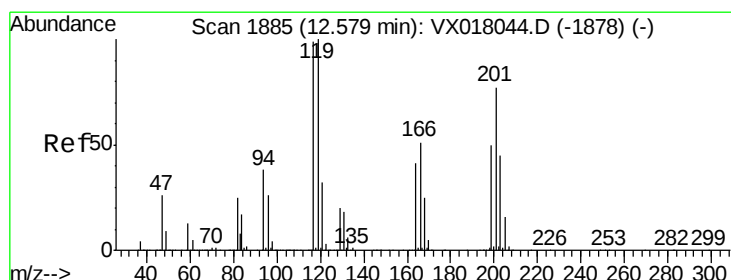
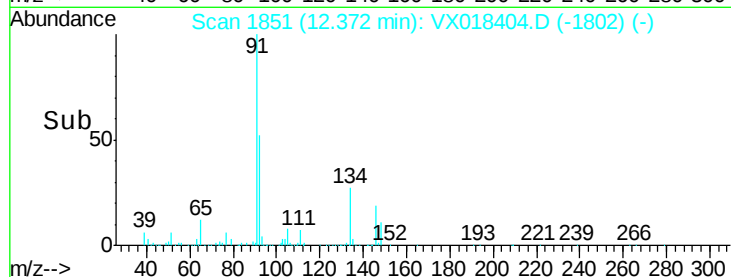
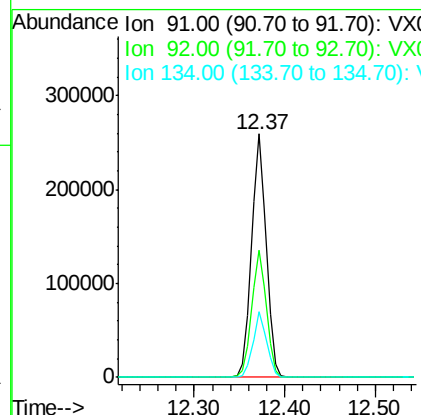
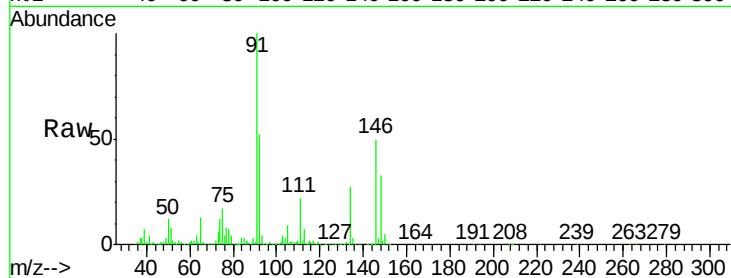
#89
n-Butylbenzene
Concen: 17.987 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	291736		
92	52.2		26.4	79.2
134	25.3		12.9	38.7

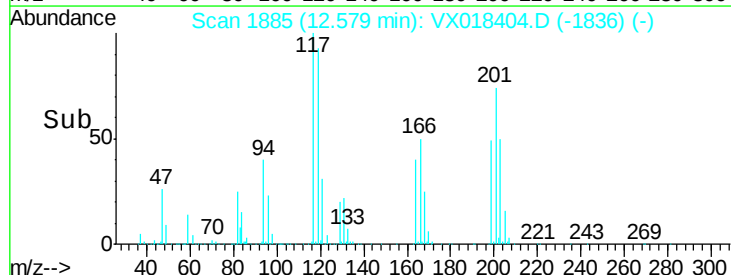
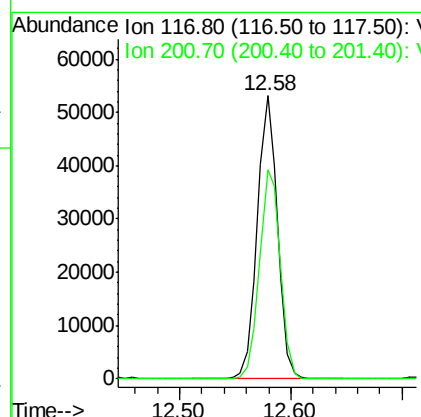
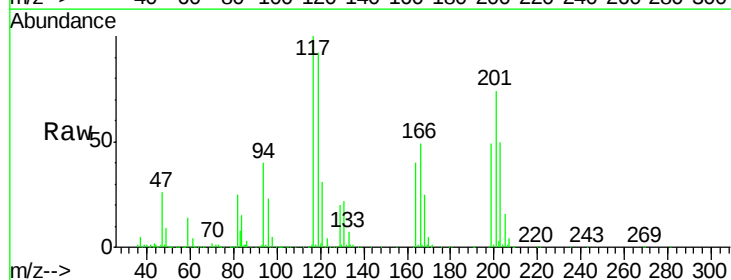
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#90
Hexachloroethane
Concen: 19.264 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	67349		
201	75.9		38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 18.529 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

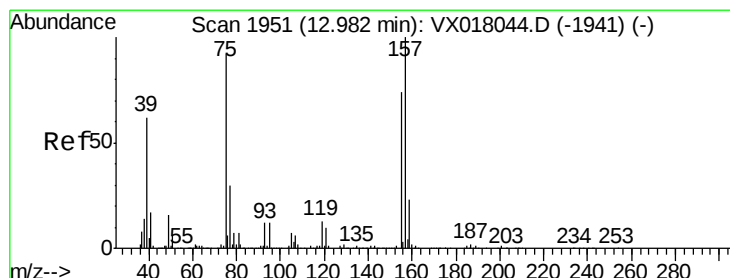
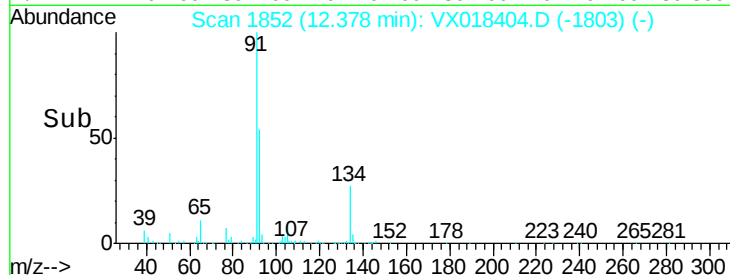
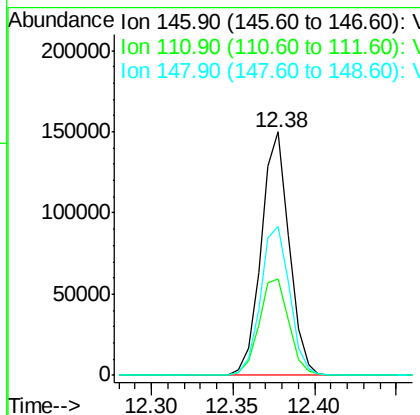
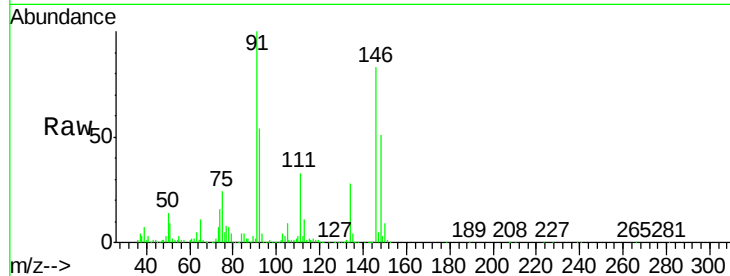
ClientSampleId :

VX0915WBSD01

Tot Ion:	146	Resp:	177568
Ion Ratio	Lower	Upper	
146	100		
111	42.5	20.8	62.5
148	63.9	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 15.889 ug/l

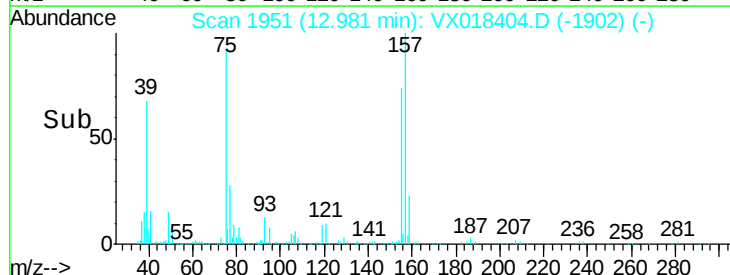
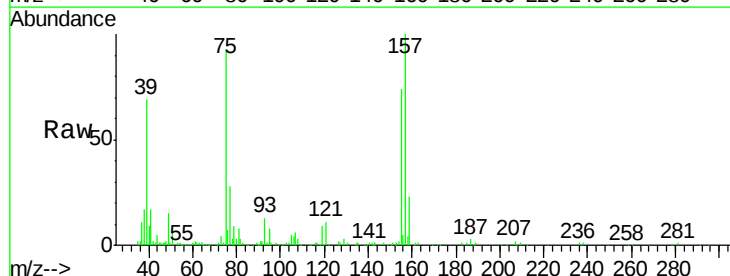
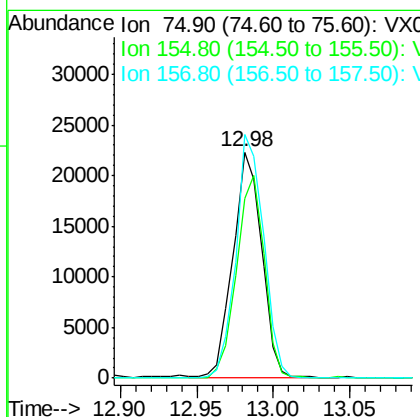
RT: 12.98 min Scan# 1951

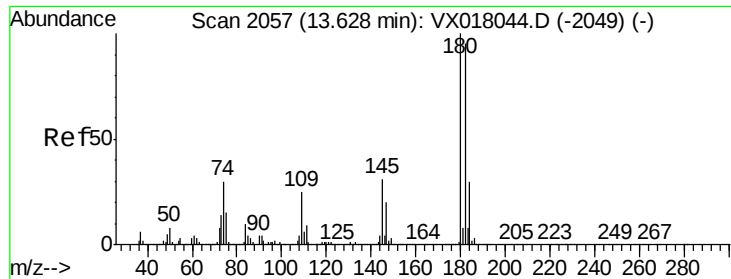
Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion:	75	Resp:	29399
Ion Ratio	Lower	Upper	
75	100		
155	85.5	40.2	120.6
157	103.0	55.0	165.2





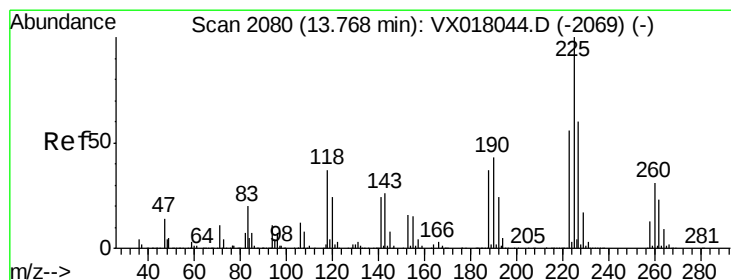
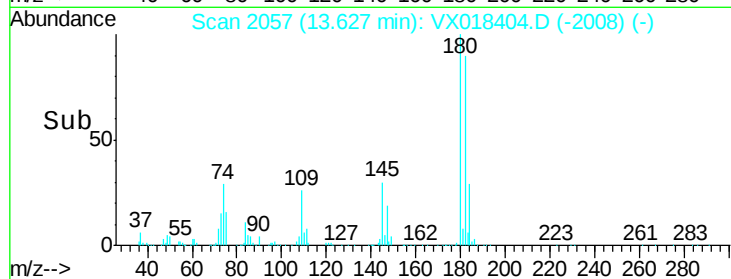
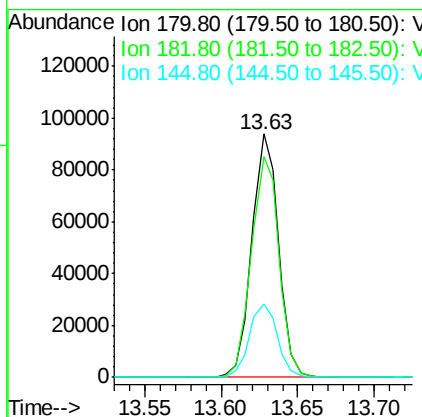
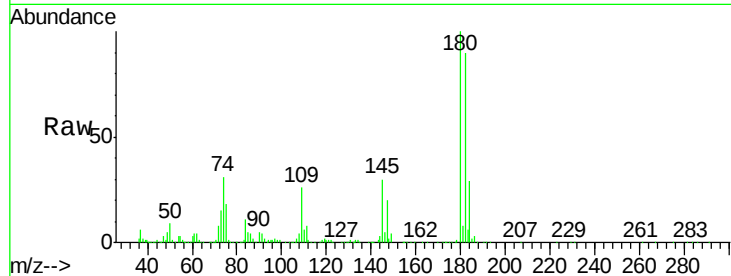
#93
1,2,4-Trichlorobenzene
Concen: 17.828 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	113929		
182	94.1	47.5	142.6	
145	31.9	15.7	47.1	

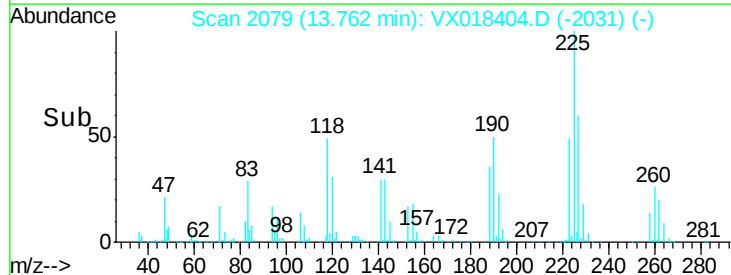
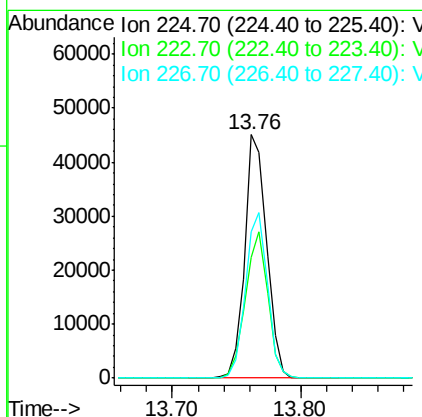
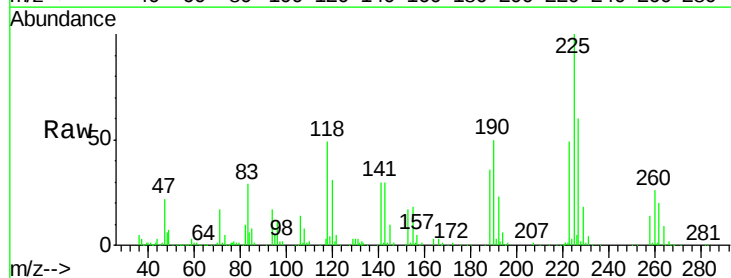
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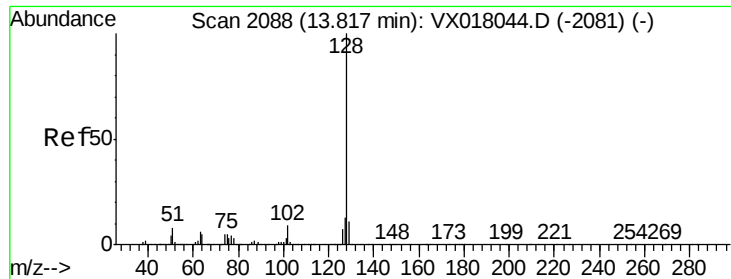
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#94
Hexachlorobutadiene
Concen: 20.944 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX018404.D
Acq: 15 Sep 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52791		
223	61.3	30.7	92.1	
227	68.0	32.6	97.8	





#95

Naphthalene

Concen: 16.754 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Instrument :

MSVOA_X

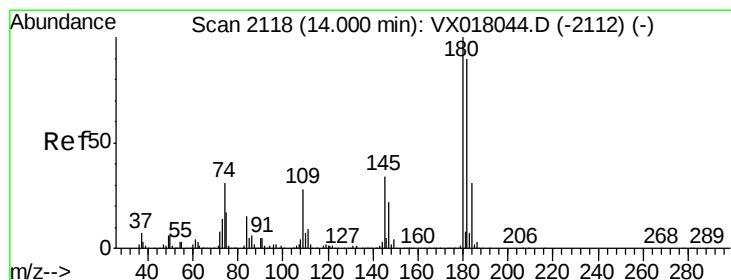
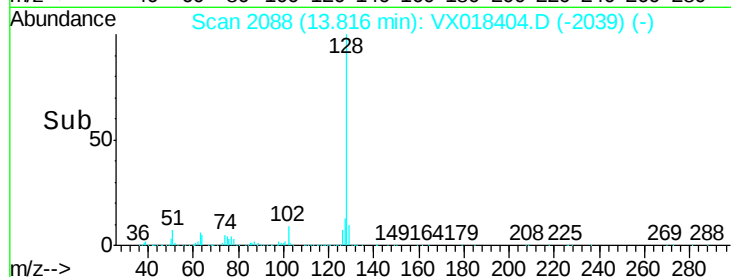
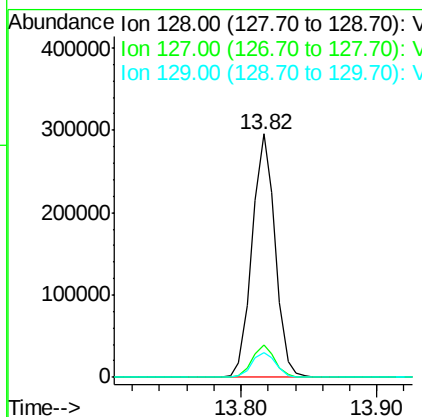
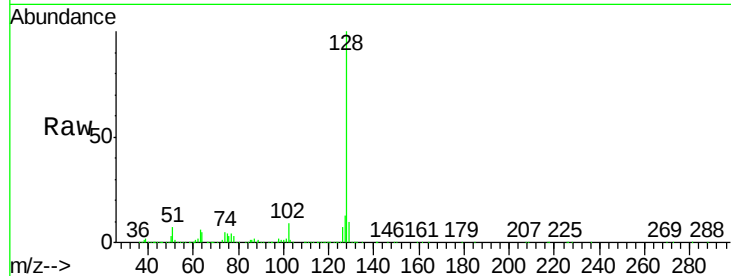
ClientSampleId :

VX0915WBSD01

Tot Ion:	128	Resp:	352352
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/16/2020 11:45:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.915 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018404.D

Acq: 15 Sep 2020 14:15

Tgt Ion:	180	Resp:	119432
Ion Ratio	Lower	Upper	
180	100		
182	87.2	47.3	142.0
145	32.1	17.5	52.6

