

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017630.D
 Acq On : 27 Jul 2020 20:26
 Operator : JC/SP
 Sample : VX0727WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:08:41 AM

Quant Time: Jul 28 02:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	606387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	933291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	805884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	378637	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.47	113	298150	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.70	98	1065852	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.12	95	382349	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107299	18.430	ug/l	100
3) Chloromethane	1.31	50	127071	17.195	ug/l	98
4) Vinyl Chloride	1.39	62	126046	16.518	ug/l	98
5) Bromomethane	1.63	94	83821	18.520	ug/l	94
6) Chloroethane	1.71	64	74883	17.297	ug/l	97
7) Trichlorofluoromethane	1.92	101	205467	17.119	ug/l	99
8) Diethyl Ether	2.17	74	67254	16.368	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107182	16.273	ug/l	99
10) Methyl Iodide	2.49	142	128037	15.195	ug/l	98
11) Tert butyl alcohol	3.01	59	132049	80.436	ug/l	100
12) 1,1-Dichloroethene	2.36	96	109500	17.483	ug/l	95
13) Acrolein	2.27	56	123772	101.260	ug/l	95
14) Allyl chloride	2.71	41	195563	17.100	ug/l	97
15) Acrylonitrile	3.12	53	319235	90.032	ug/l	99
16) Acetone	2.42	43	287296	83.800	ug/l	96
17) Carbon Disulfide	2.55	76	309496	16.257	ug/l	98
18) Methyl Acetate	2.75	43	146677	18.166	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	375366	17.315	ug/l	99
20) Methylene Chloride	2.84	84	125300	18.599	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	117391	17.495	ug/l	95
22) Diisopropyl ether	3.83	45	385864	18.452	ug/l	97
23) Vinyl Acetate	3.79	43	1705018	91.445	ug/l	100
24) 1,1-Dichloroethane	3.67	63	218393	18.130	ug/l	99
25) 2-Butanone	4.64	43	448324	92.052	ug/l	98
26) 2,2-Dichloropropane	4.56	77	187360	17.375	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	134967	18.519	ug/l	97
28) Bromochloromethane	4.98	49	96337	17.648	ug/l	97
29) Tetrahydrofuran	5.09	42	288302	95.565	ug/l	99
30) Chloroform	5.18	83	226405	18.394	ug/l	99
31) Cyclohexane	5.55	56	180524	18.792	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	216049	18.614	ug/l	99
36) 1,1-Dichloropropene	5.77	75	164118	18.335	ug/l	99
37) Ethyl Acetate	4.79	43	181447	18.527	ug/l	99
38) Carbon Tetrachloride	5.76	117	196877	18.112	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	175902	16.834	ug/l	99
40) Benzene	6.11	78	475184	18.517	ug/l	100
41) Methacrylonitrile	5.01	41	101969	18.164	ug/l	99
42) 1,2-Dichloroethane	6.16	62	192699	18.355	ug/l	98
43) Isopropyl Acetate	6.42	43	288736	17.868	ug/l	98
44) Trichloroethene	7.19	130	142518	19.003	ug/l	93
45) 1,2-Dichloropropane	7.49	63	125708	17.670	ug/l	98
46) Dibromomethane	7.64	93	88743	17.651	ug/l	99
47) Bromodichloromethane	7.87	83	182795	18.070	ug/l	99
48) Methyl methacrylate	7.75	41	140471	17.537	ug/l	97
49) 1,4-Dioxane	7.71	88	52314	340.649	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	907658	94.139	ug/l	99
52) Toluene	8.77	92	301035	18.291	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	198540	17.532	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	208763	18.074	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	126411	18.438	ug/l	97
56) Ethyl methacrylate	9.16	69	188382	18.238	ug/l	99
57) 1,3-Dichloropropane	9.35	76	209403	18.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	468256	86.049	ug/l	99
59) 2-Hexanone	9.48	43	657585	90.588	ug/l	100
60) Dibromochloromethane	9.57	129	153540	17.620	ug/l	99
61) 1,2-Dibromoethane	9.65	107	134889	18.480	ug/l	100
64) Tetrachloroethene	9.32	164	143472	19.836	ug/l	98
65) Chlorobenzene	10.12	112	303218	17.383	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	130149	18.487	ug/l	98
67) Ethyl Benzene	10.23	91	523869	17.991	ug/l	97
68) m/p-Xylenes	10.34	106	396345	35.136	ug/l	98
69) o-Xylene	10.68	106	182327	16.806	ug/l	99
70) Styrene	10.70	104	314771	17.053	ug/l	99
71) Bromoform	10.84	173	102836	16.860	ug/l	97
73) Isopropylbenzene	11.00	105	507508	18.023	ug/l	100
74) N-amyl acetate	10.88	43	228978	18.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	146570	16.676	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	150702m	17.848	ug/l	
77) Bromobenzene	11.24	156	144448	18.324	ug/l	99
78) n-propylbenzene	11.34	91	568615	17.904	ug/l	98
79) 2-Chlorotoluene	11.40	91	356715	18.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	466278	19.394	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	56151	16.757	ug/l	94
82) 4-Chlorotoluene	11.49	91	447708	19.292	ug/l	100
83) tert-Butylbenzene	11.76	119	426890	18.556	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	443860	18.561	ug/l	98
85) sec-Butylbenzene	11.93	105	486675	18.160	ug/l	99
86) p-Isopropyltoluene	12.05	119	454082	17.792	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	238811	17.641	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	248696	17.736	ug/l	99
89) n-Butylbenzene	12.37	91	369589	16.252	ug/l	98
90) Hexachloroethane	12.58	117	82766	16.450	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	234717	17.641	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38441	17.245	ug/l	92

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ClientSampleId :
VX0727WBSD02

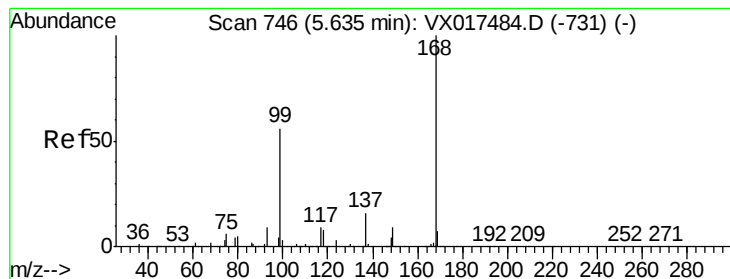
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	162145	17.856	ug/l	99
94) Hexachlorobutadiene	13.77	225	62058	14.847	ug/l	98
95) Naphthalene	13.82	128	504956	18.628	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	169921	18.952	ug/l	100

(#) = 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. -0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion:168 Resp: 606387

Ion Ratio Lower Upper

168 100

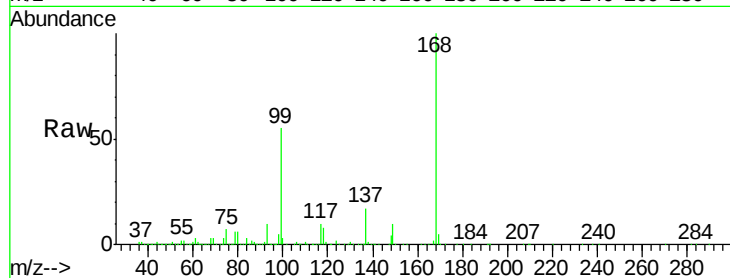
99 55.2 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

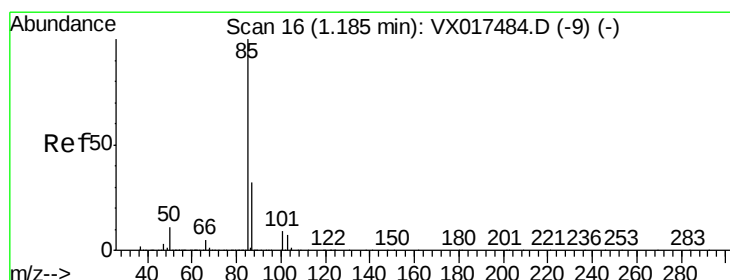
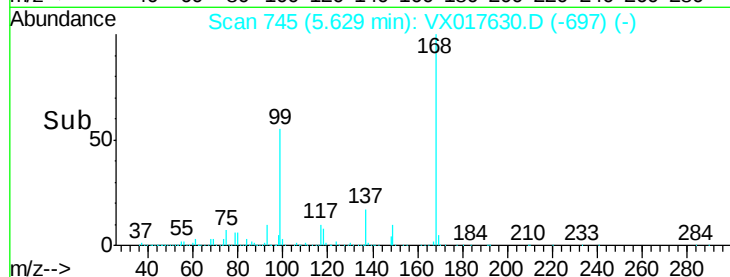
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.430 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017630.D

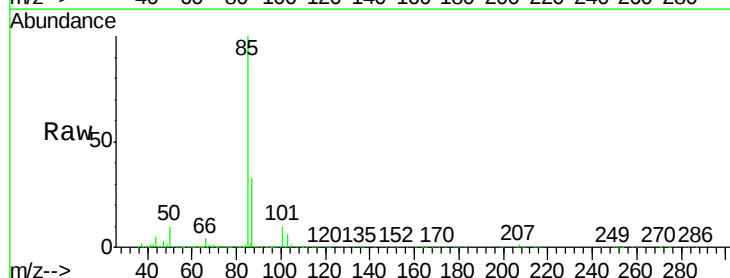
Acq: 27 Jul 2020 20:26

Tgt Ion: 85 Resp: 107299

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

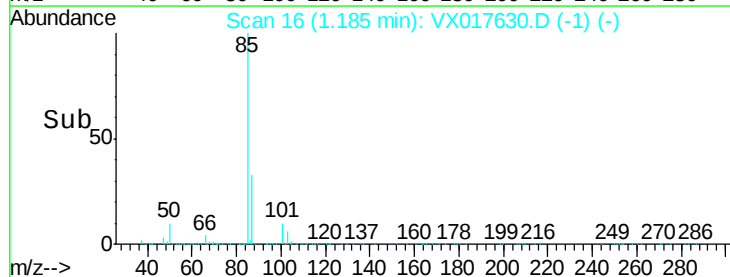
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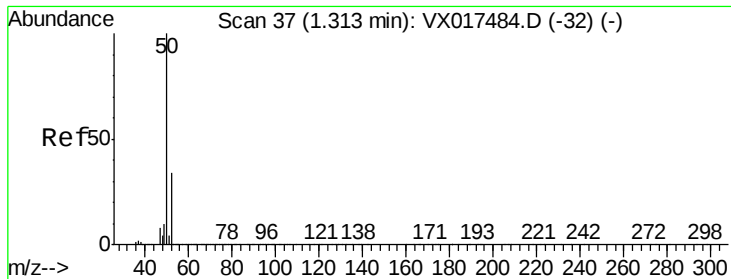
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.195 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 50 Resp: 127071

Ion Ratio Lower Upper

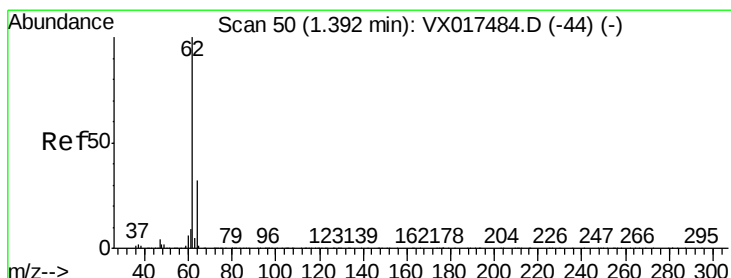
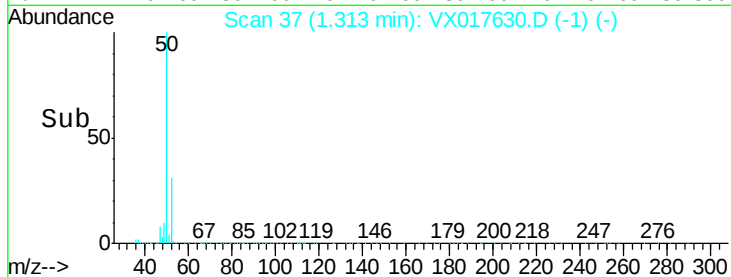
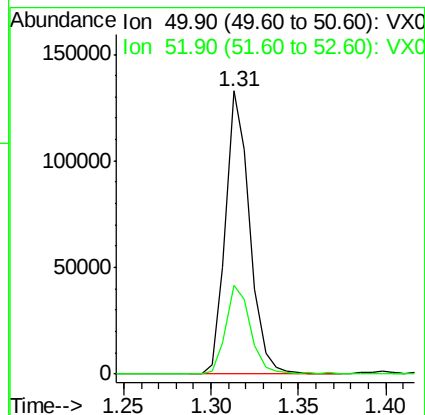
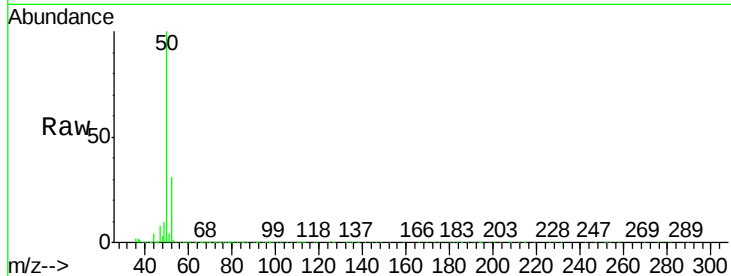
50 100

52 31.2 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.518 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017630.D

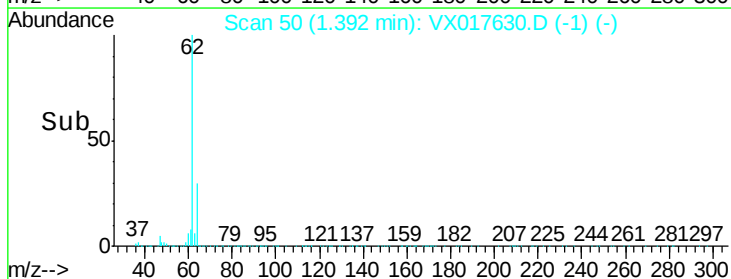
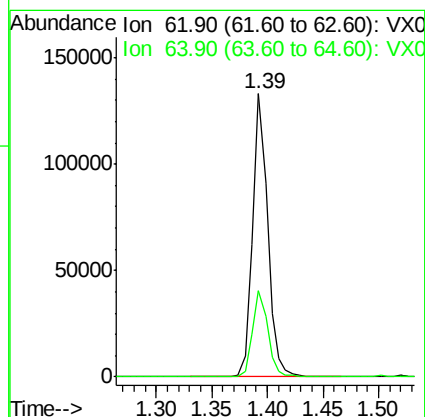
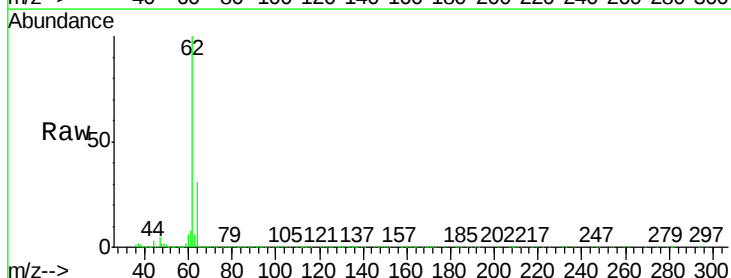
Acq: 27 Jul 2020 20:26

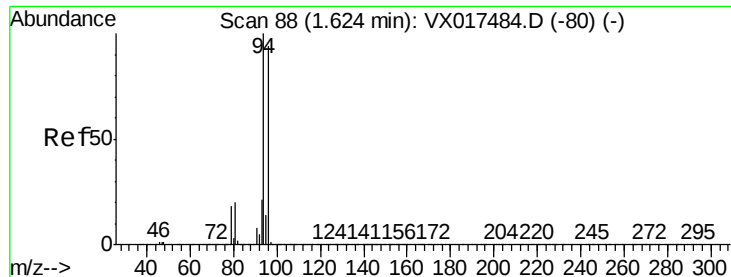
Tgt Ion: 62 Resp: 126046

Ion Ratio Lower Upper

62 100

64 30.5 25.2 37.8





#5

Bromomethane

Concen: 18.520 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 94 Resp: 83821

Ion Ratio Lower Upper

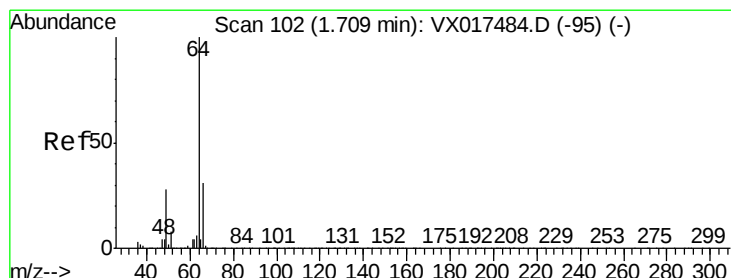
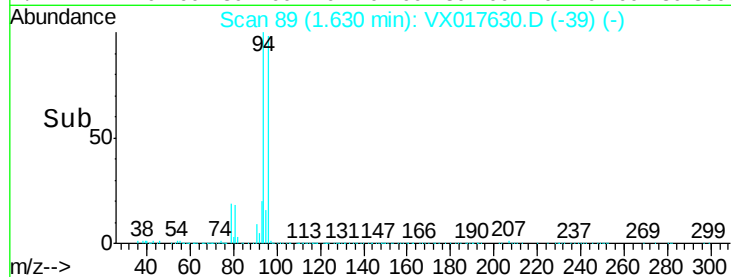
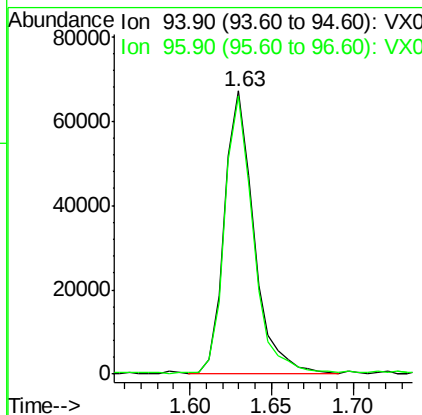
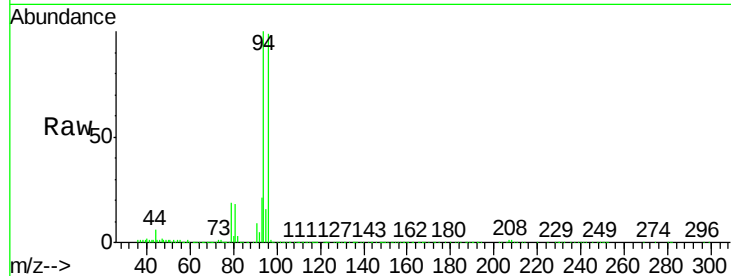
94 100

96 98.2 74.1 111.1

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#6

Chloroethane

Concen: 17.297 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017630.D

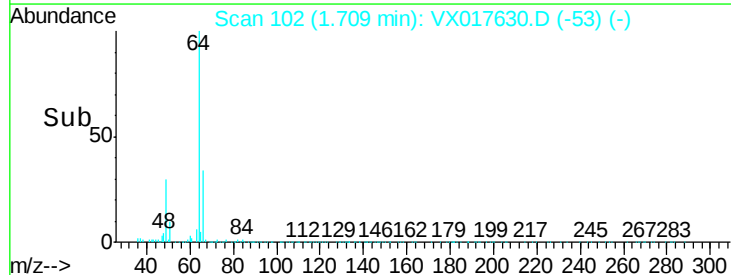
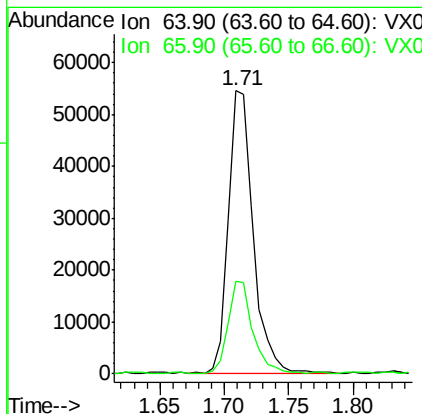
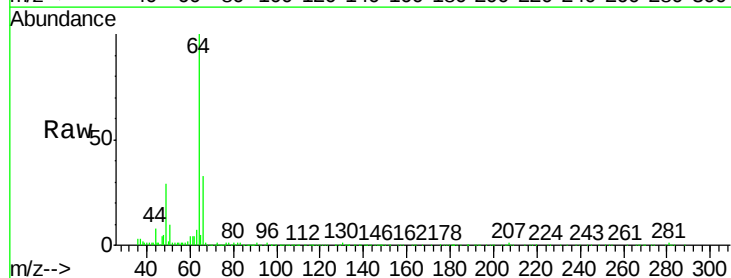
Acq: 27 Jul 2020 20:26

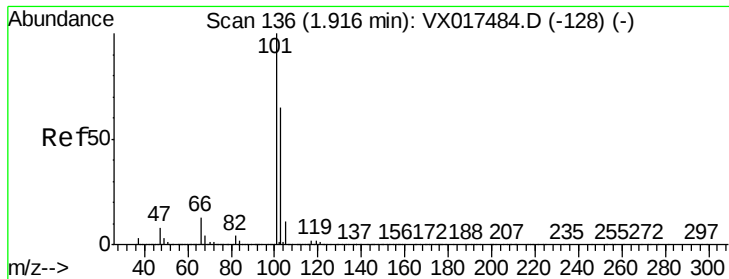
Tgt Ion: 64 Resp: 74883

Ion Ratio Lower Upper

64 100

66 32.5 24.9 37.3





#7

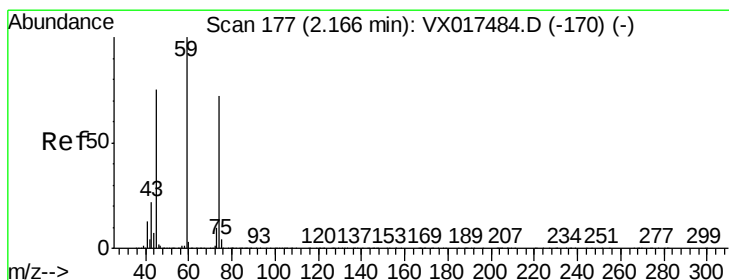
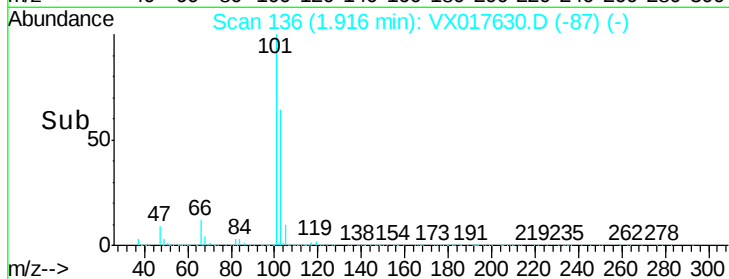
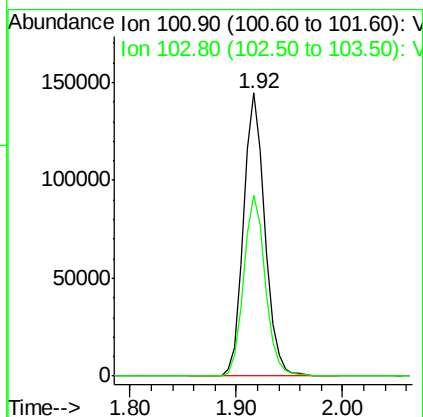
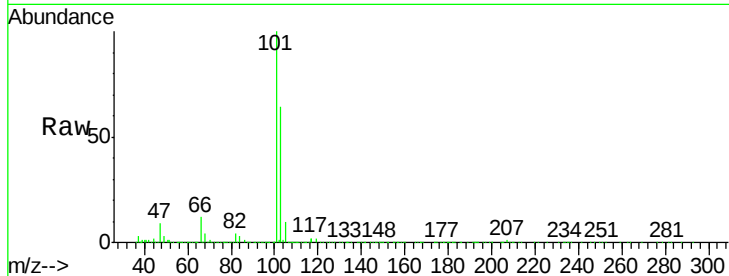
Trichlorofluoromethane
Concen: 17.119 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
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ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.8	77.8

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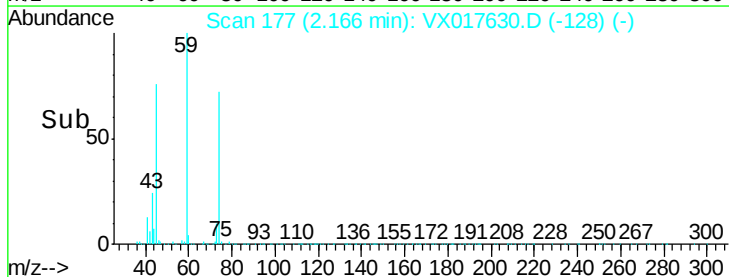
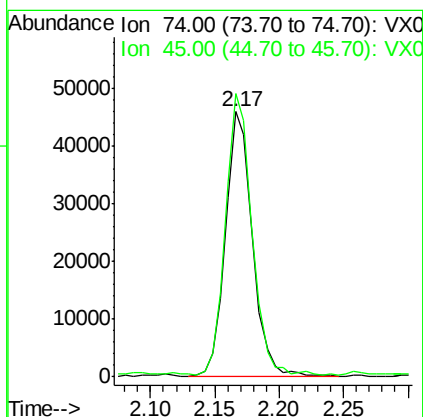
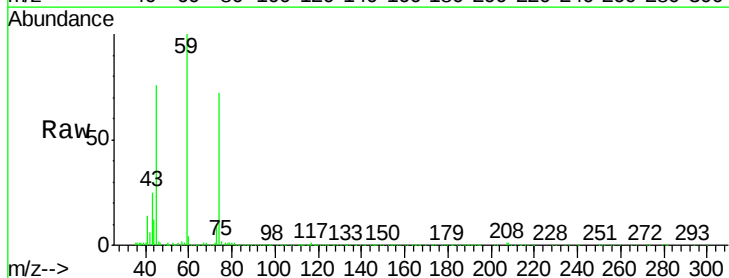
MMDadoda
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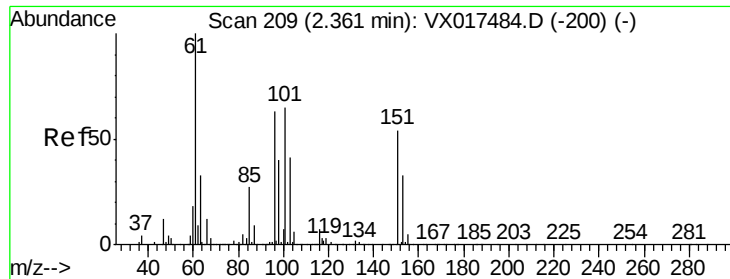


#8

Diethyl Ether
Concen: 16.368 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.273 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

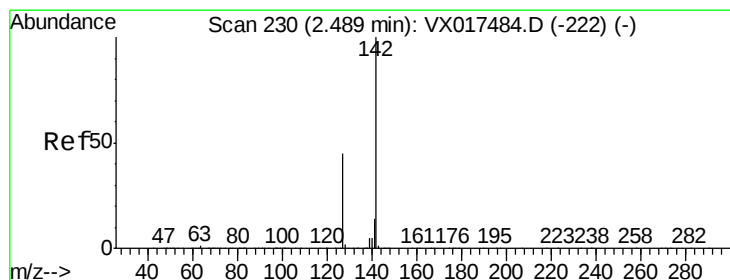
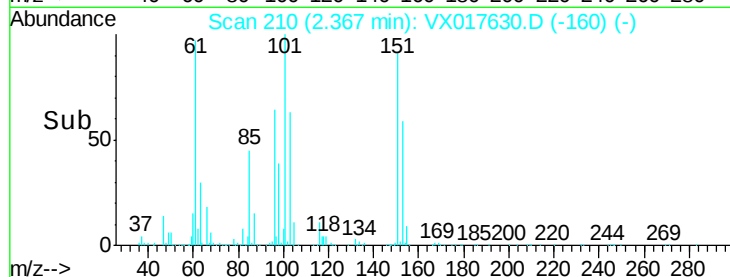
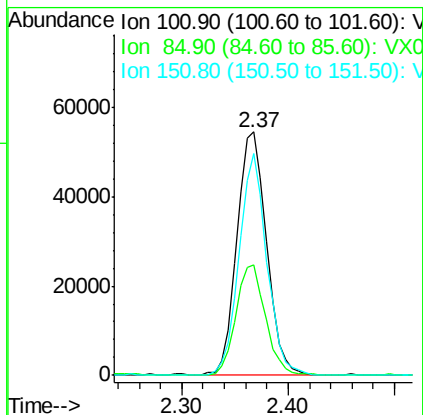
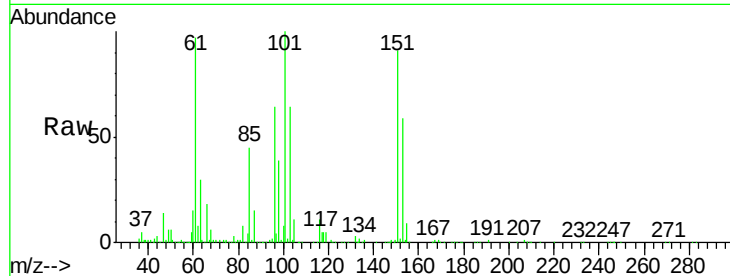
ClientSampleId :

VX0727WBSD02

Tot Ion:	101	Resp:	107182
Ion Ratio	Lower	Upper	
101	100		
85	45.6	34.8	52.2
151	85.2	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.195 ug/l

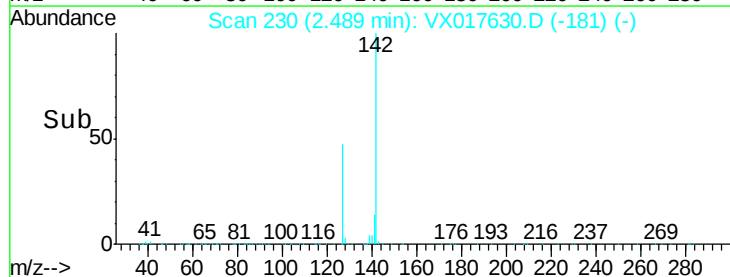
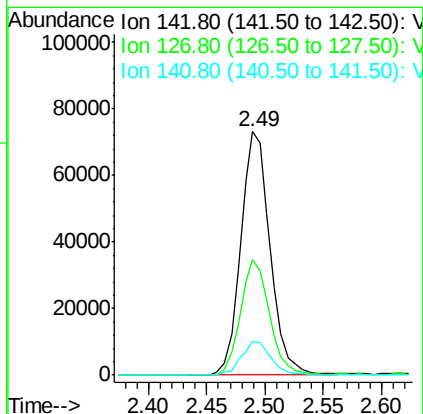
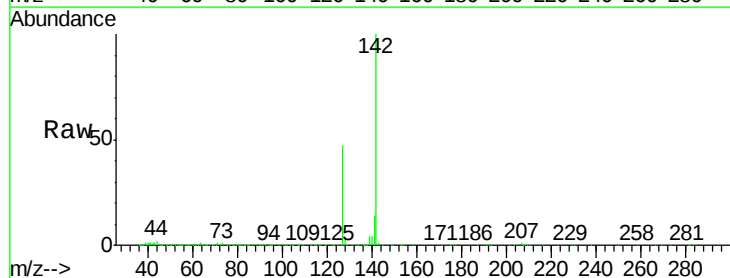
RT: 2.49 min Scan# 230

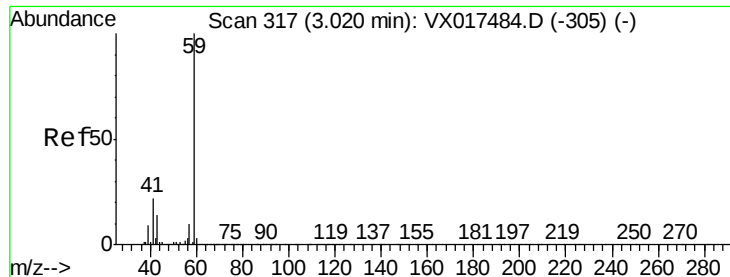
Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion:	142	Resp:	128037
Ion Ratio	Lower	Upper	
142	100		
127	46.3	35.9	53.9
141	14.1	11.4	17.0





#11

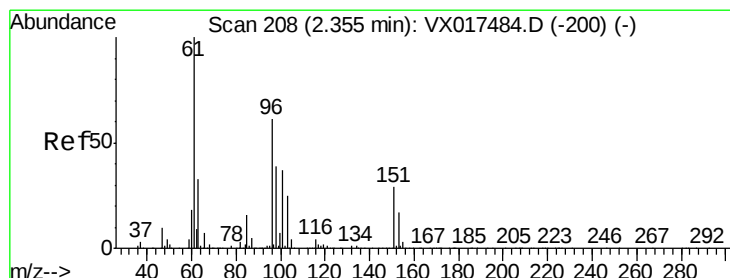
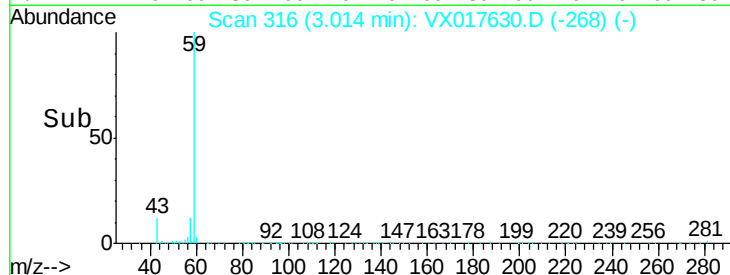
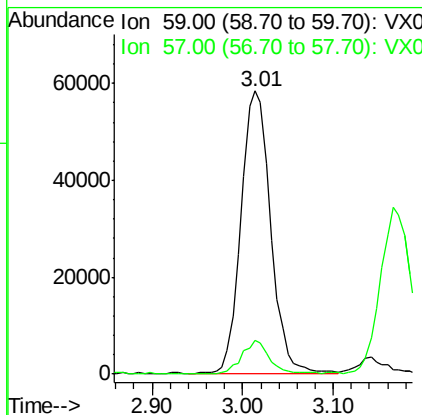
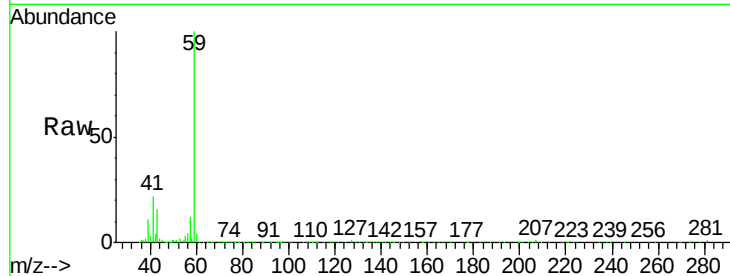
Tert butyl alcohol
Concen: 80.436 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion: 59 Resp: 132049
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

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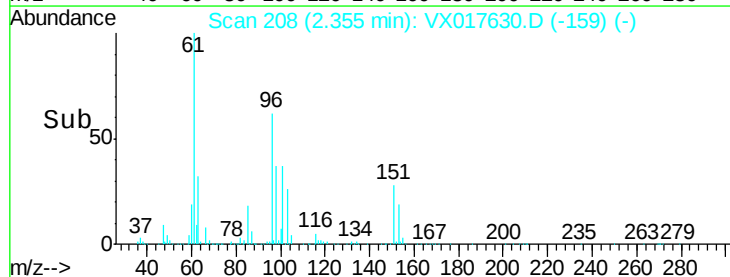
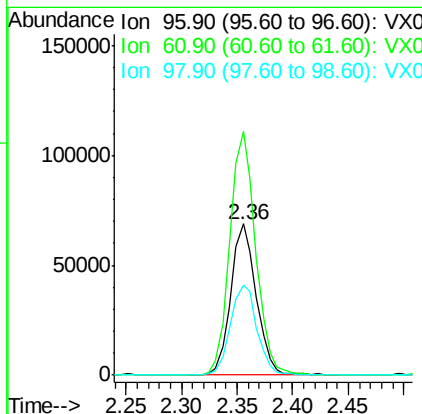
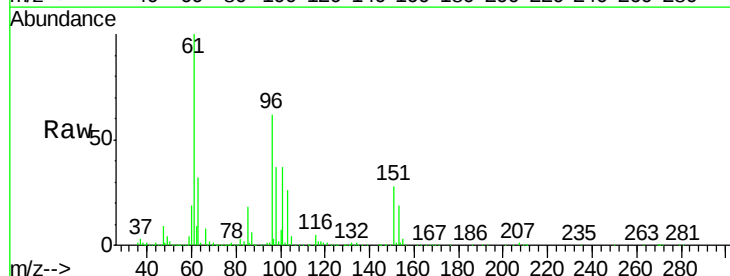
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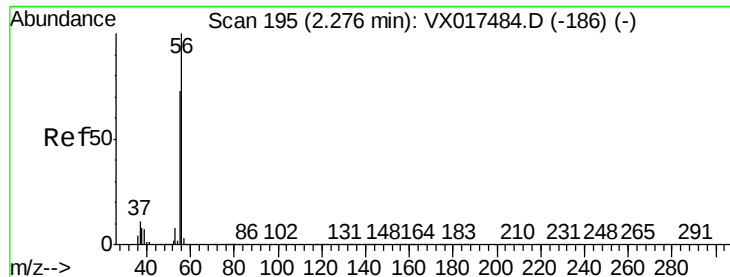


#12

1,1-Dichloroethene
Concen: 17.483 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion: 96 Resp: 109500
Ion Ratio Lower Upper
96 100
61 160.4 134.0 201.0
98 59.5 51.0 76.4





#13

Acrolein

Concen: 101.260 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 56 Resp: 123772

Ion Ratio Lower Upper

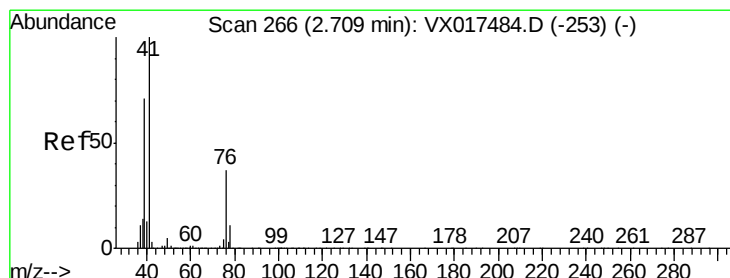
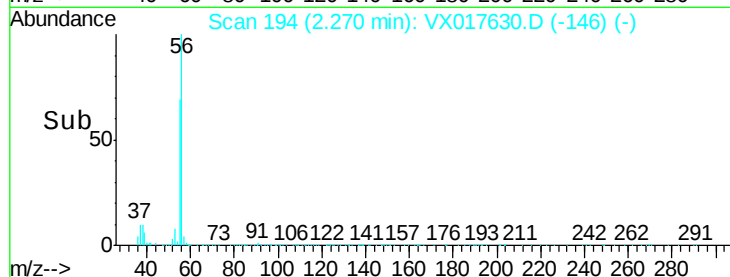
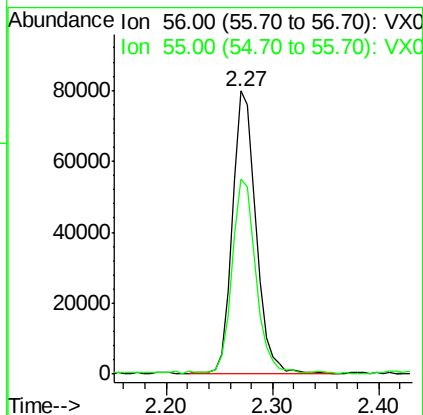
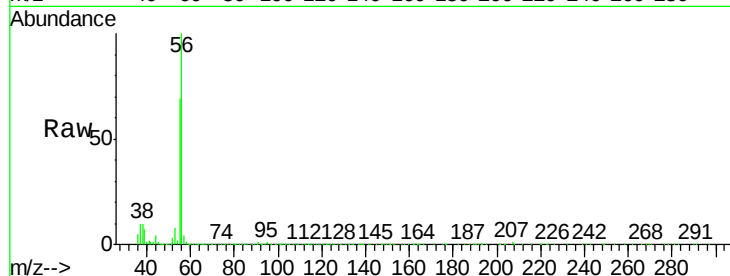
56 100

55 68.0 57.4 86.2

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#14

Allyl chloride

Concen: 17.100 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

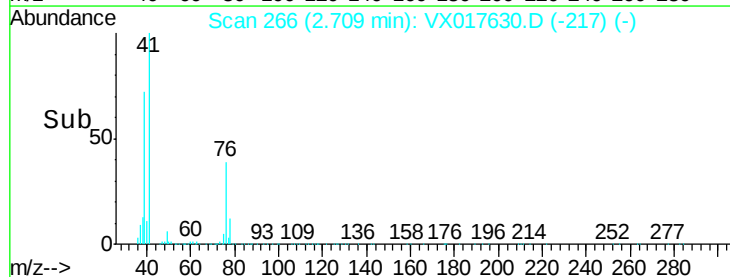
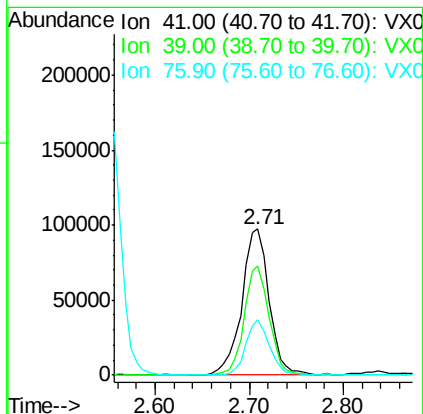
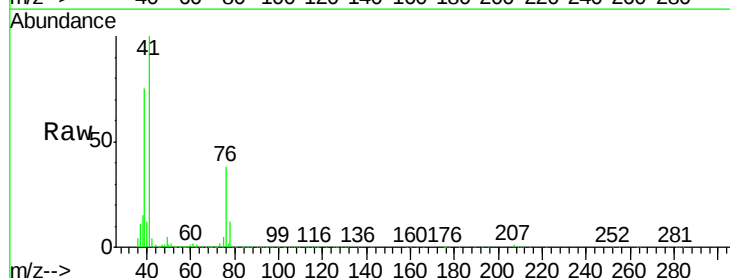
Tgt Ion: 41 Resp: 195563

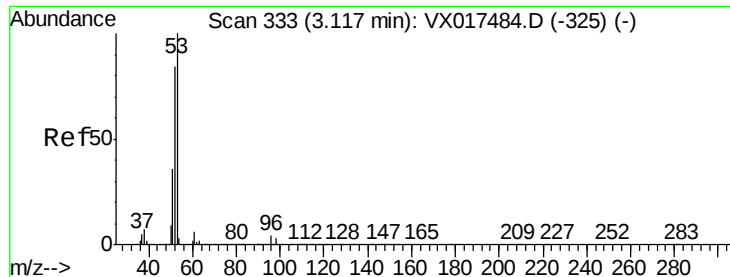
Ion Ratio Lower Upper

41 100

39 67.5 51.9 77.9

76 32.7 25.5 38.3





#15

Acrylonitrile

Concen: 90.032 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

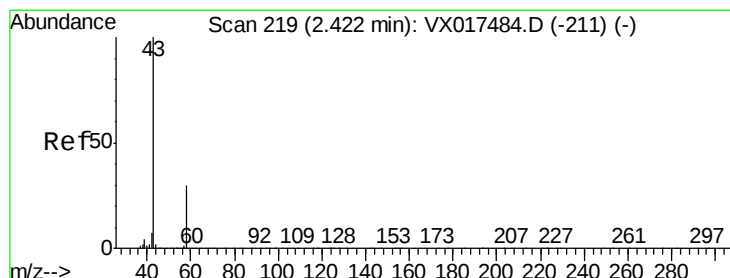
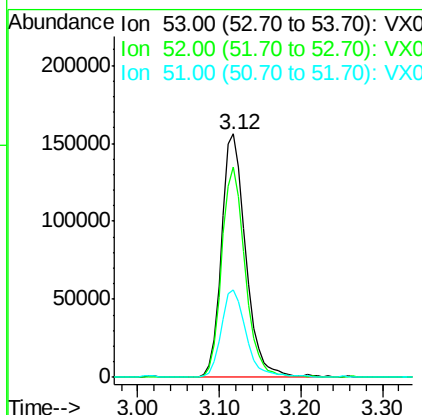
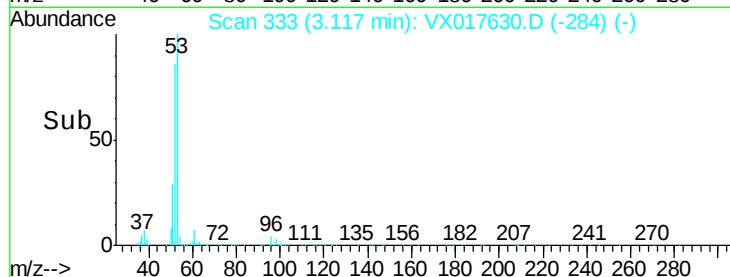
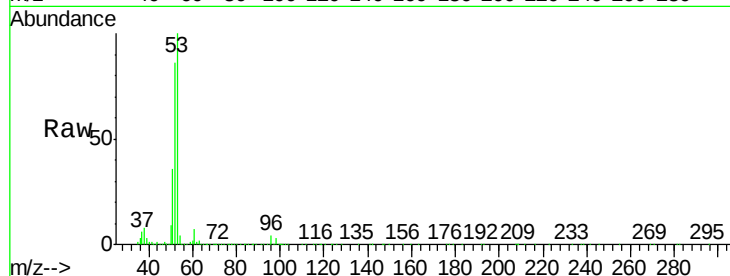
ClientSampleId :

VX0727WBSD02

Tot Ion:	53	Resp:	319235
Ion Ratio		Lower	Upper
53	100		
52	84.2	66.6	99.8
51	37.3	29.4	44.2

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#16

Acetone

Concen: 83.800 ug/l

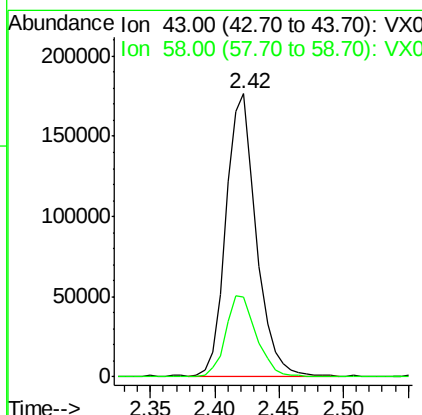
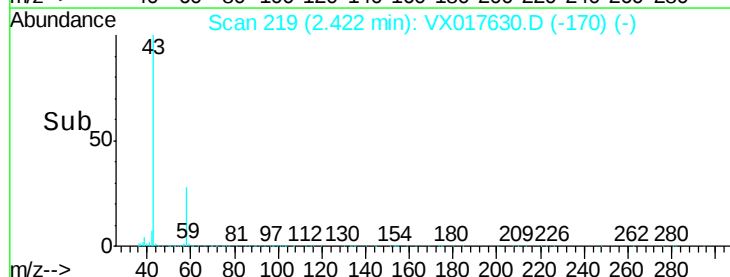
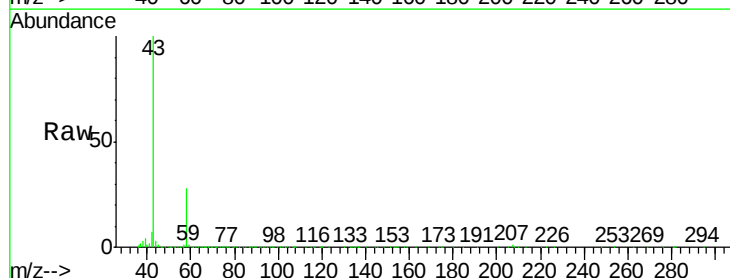
RT: 2.42 min Scan# 219

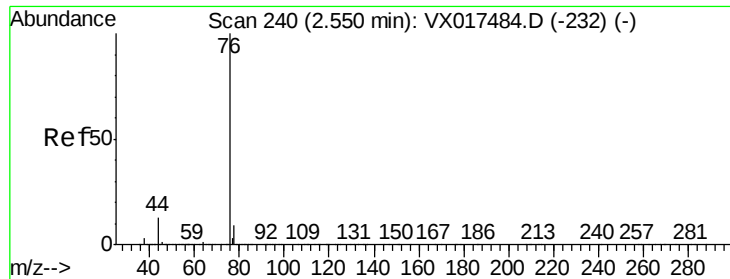
Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion:	43	Resp:	287296
Ion Ratio		Lower	Upper
43	100		
58	28.0	24.2	36.4





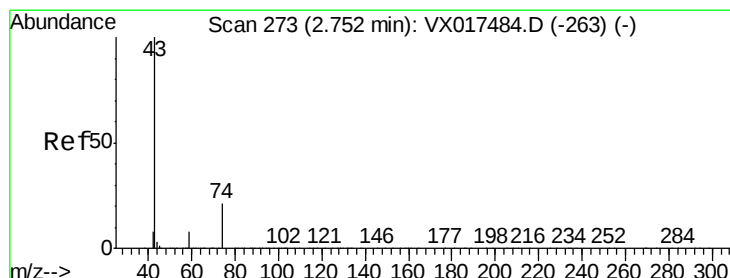
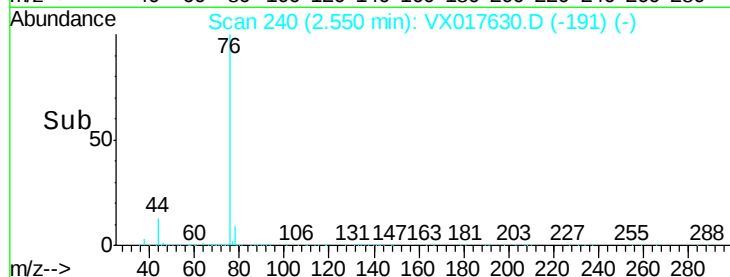
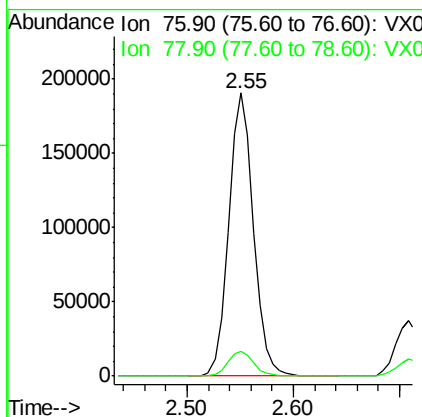
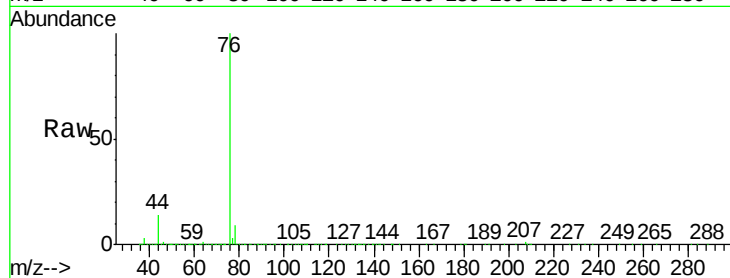
#17
Carbon Disulfide
Concen: 16.257 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

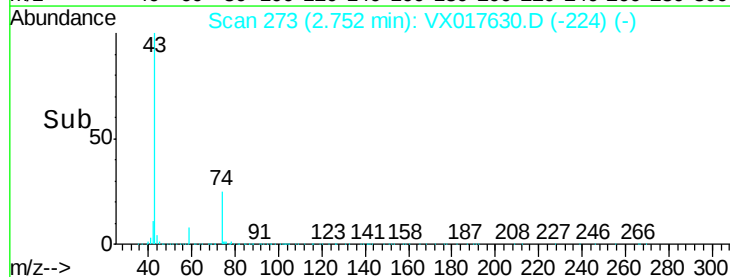
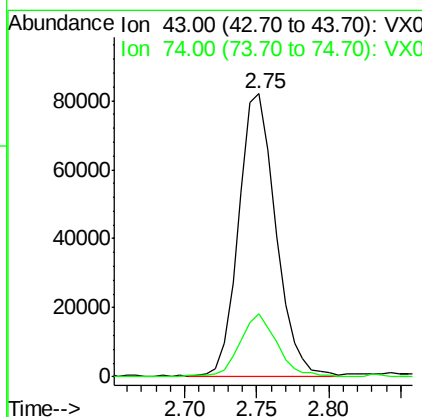
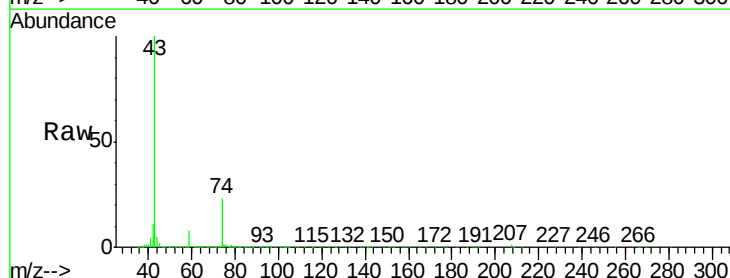
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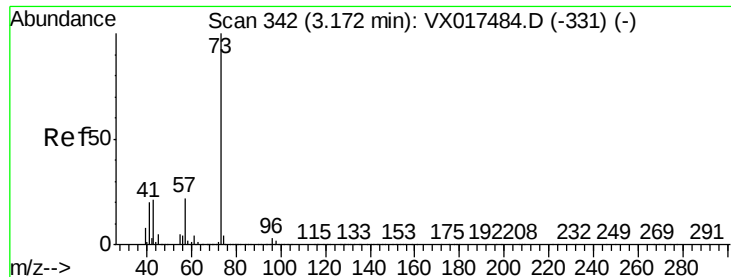
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#18
Methyl Acetate
Concen: 18.166 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.5	26.3





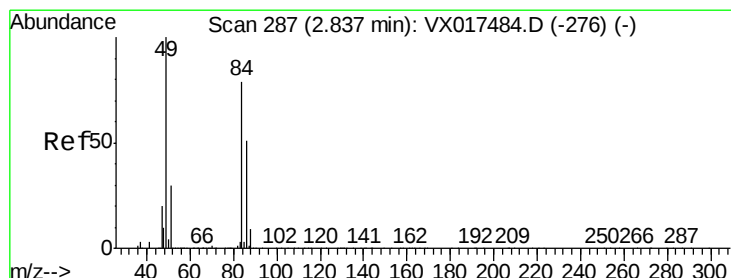
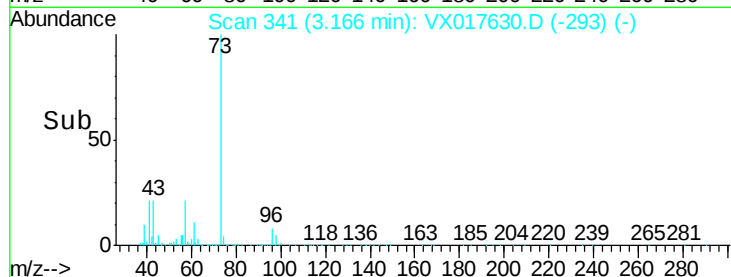
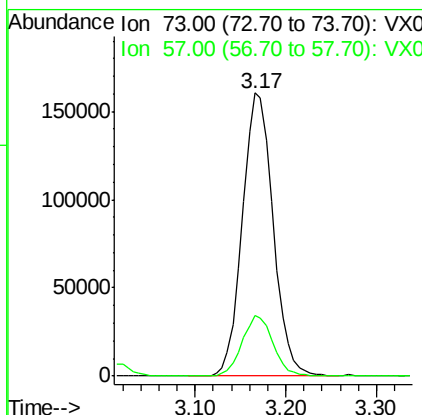
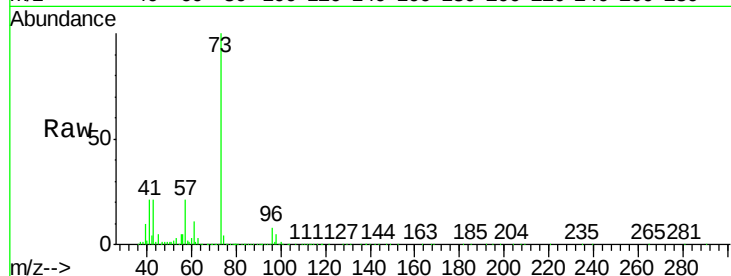
#19
Methvl tert-butvl Ether
Concen: 17.315 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.4

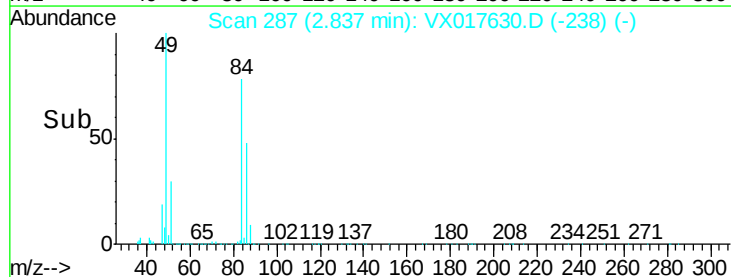
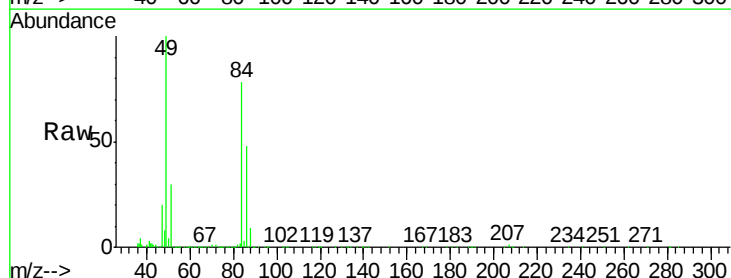
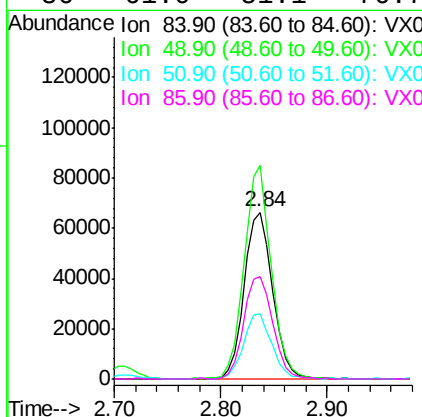
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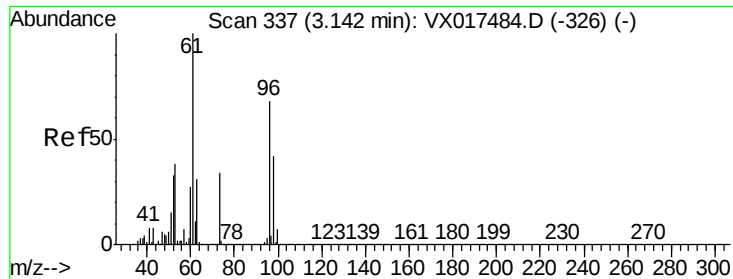
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#20
Methylene Chloride
Concen: 18.599 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	100.3	150.5
51	38.7	30.5	45.7
86	61.0	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 17.495 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

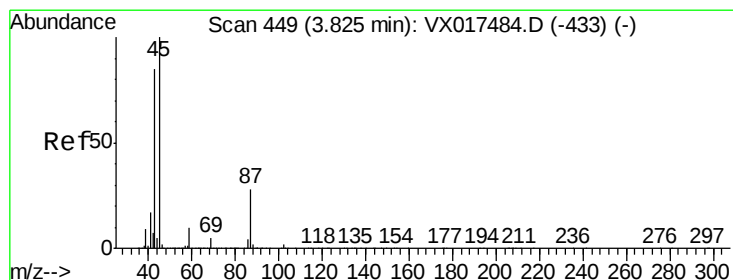
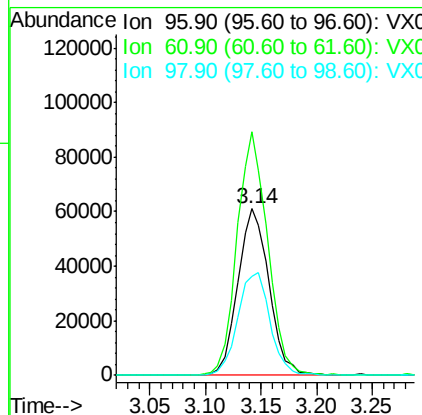
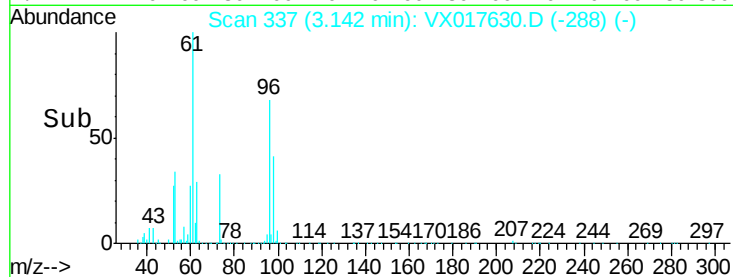
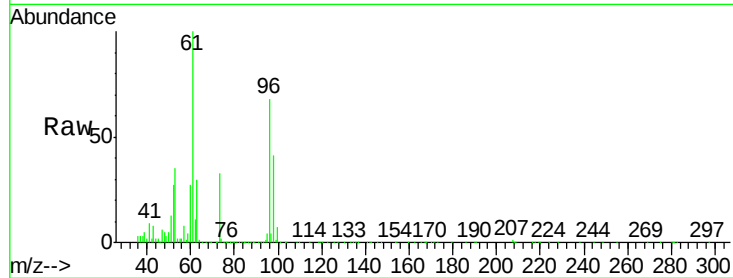
ClientSampleId :

VX0727WBSD02

Tot Ion:	96	Resp:	117391
Ion Ratio	Lower	Upper	
96	100		
61	146.0	113.0	169.4
98	59.6	51.8	77.8

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#22

Diisopropyl ether

Concen: 18.452 ug/l

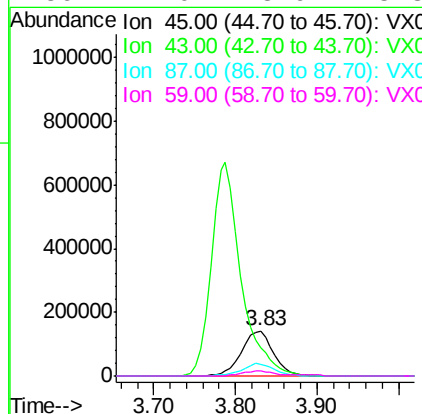
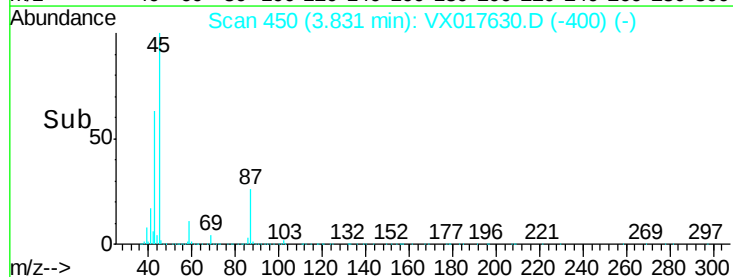
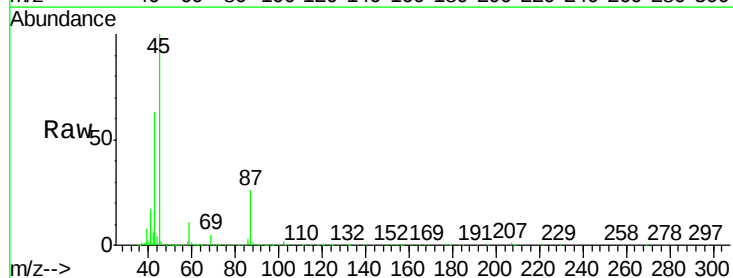
RT: 3.83 min Scan# 450

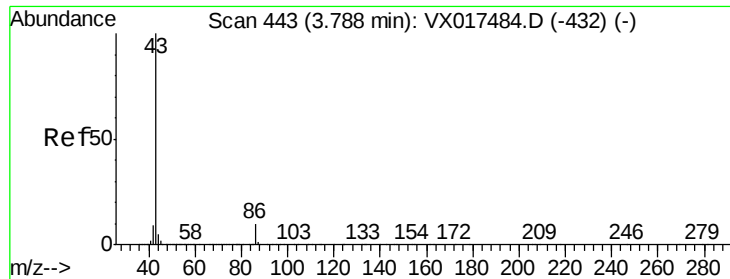
Delta R.T. 0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion:	45	Resp:	385864
Ion Ratio	Lower	Upper	
45	100		
43	62.3	52.0	78.0
87	25.8	22.2	33.4
59	11.0	8.9	13.3





#23

Vinyl Acetate

Concen: 91.445 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 43 Resp: 1705018

Ion Ratio Lower Upper

43 100

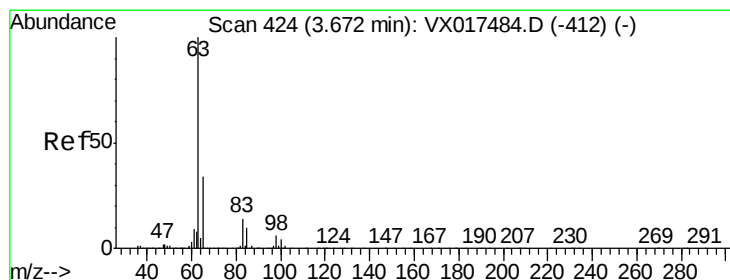
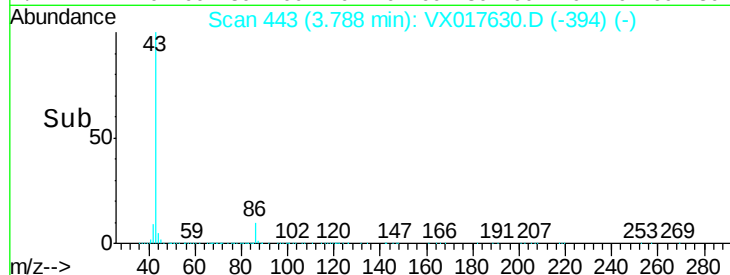
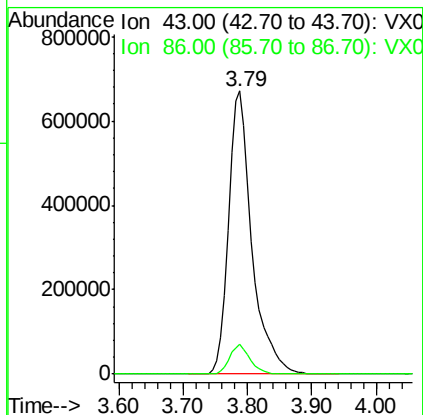
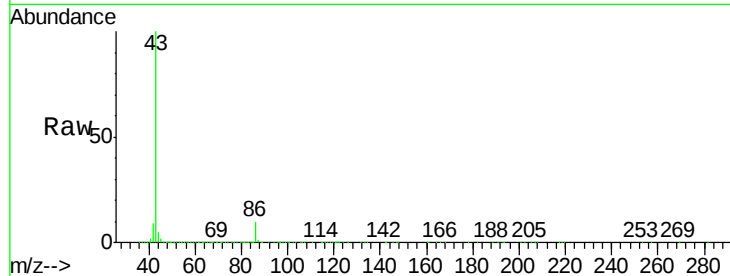
86 10.4 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 18.130 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

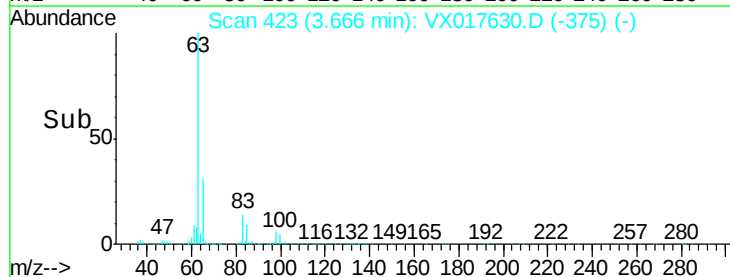
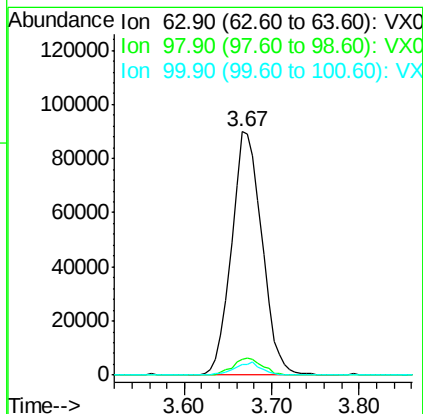
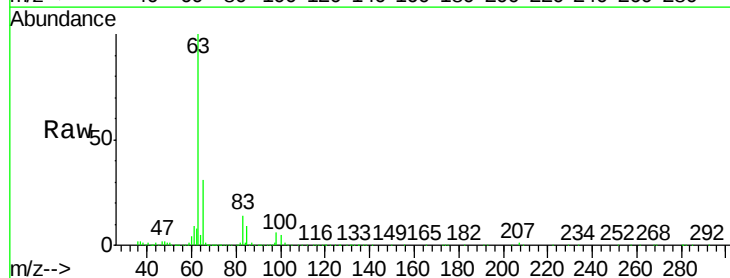
Tgt Ion: 63 Resp: 218393

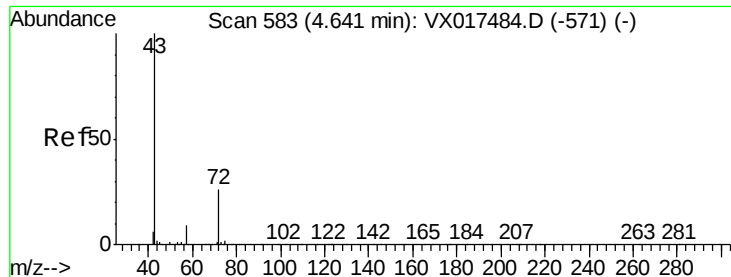
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.5 1.9 5.7





#25

2-Butanone

Concen: 92.052 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 43 Resp: 448324

Ion Ratio Lower Upper

43 100

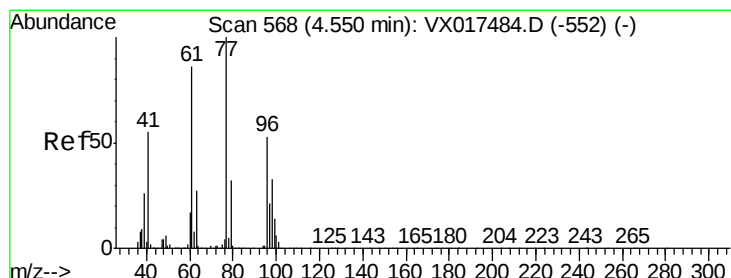
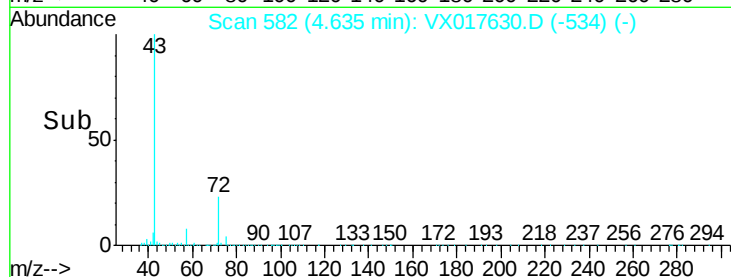
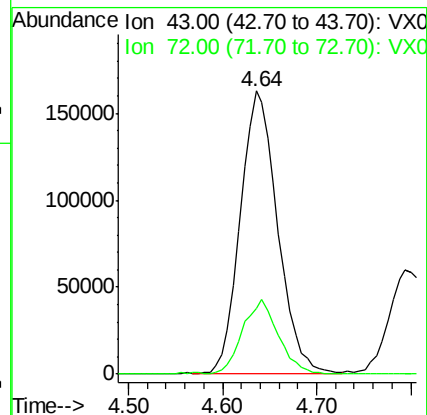
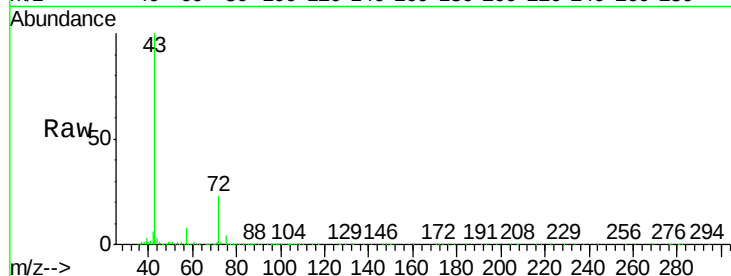
72 23.0 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 17.375 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017630.D

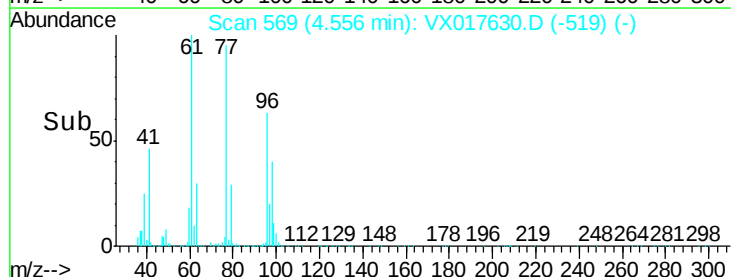
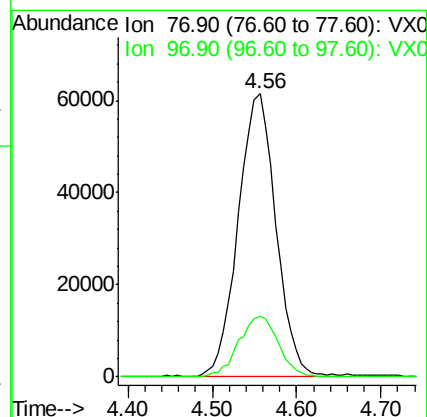
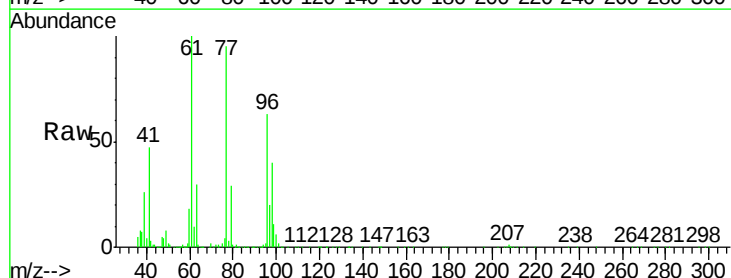
Acq: 27 Jul 2020 20:26

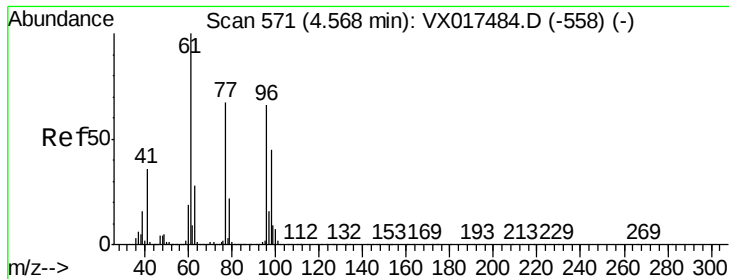
Tgt Ion: 77 Resp: 187360

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9





#27

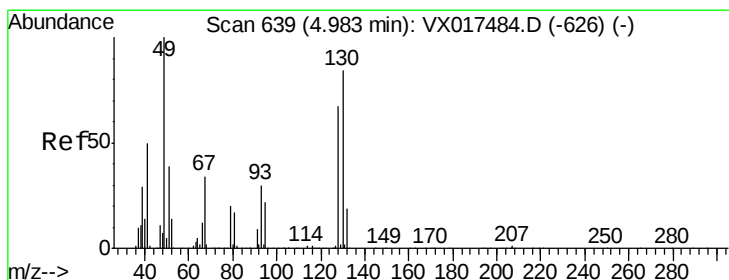
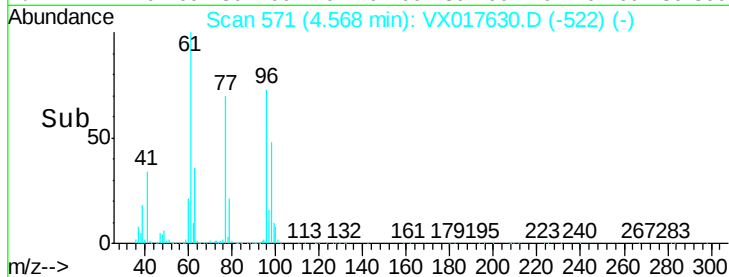
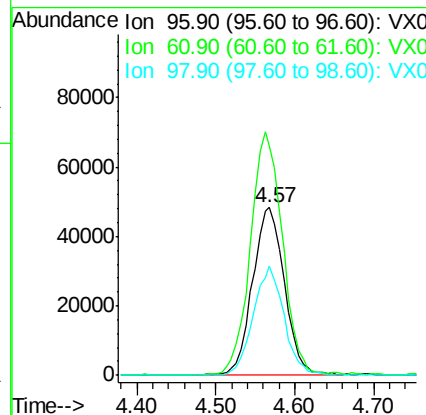
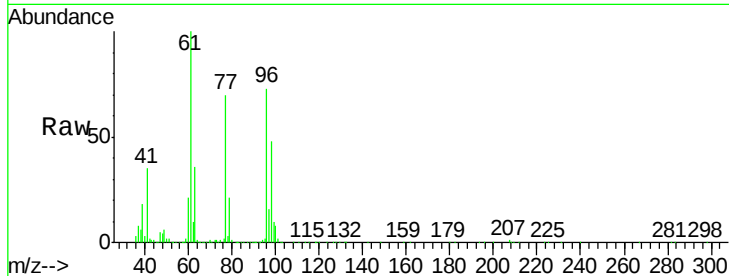
cis-1,2-Dichloroethene
Concen: 18.519 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	301.2
98	62.2	0.0	130.0

Manual Integrations
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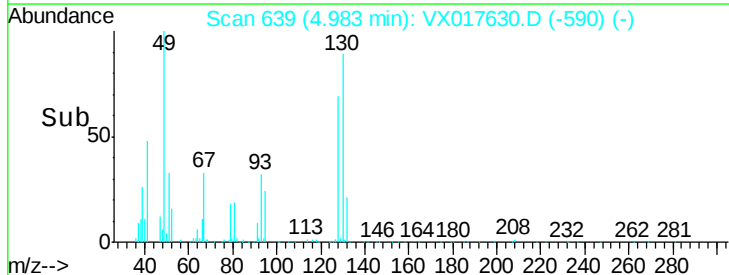
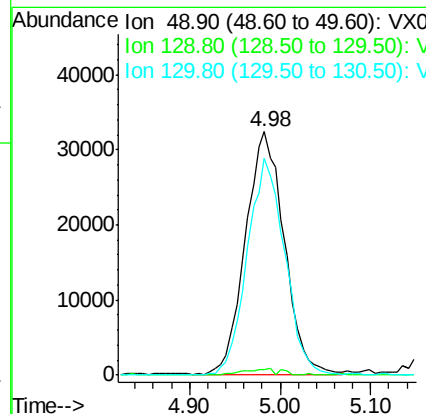
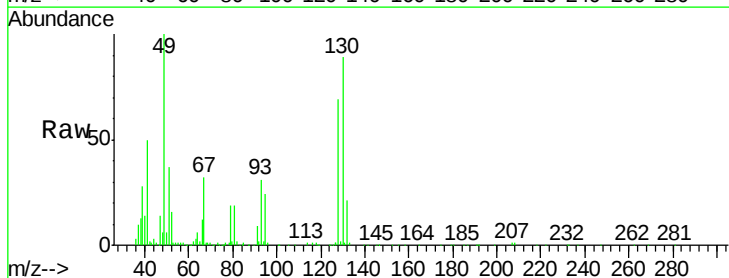
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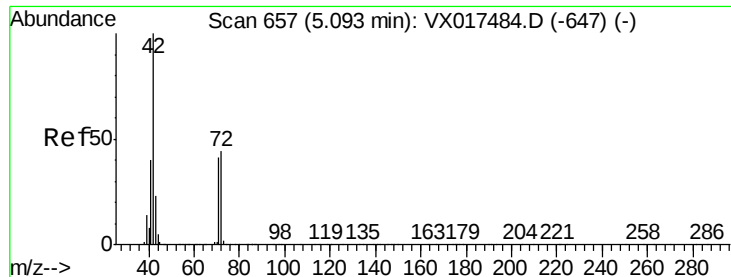


#28

Bromochloromethane
Concen: 17.648 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	86.0	66.7	100.1





#29

Tetrahydrofuran

Concen: 95.565 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

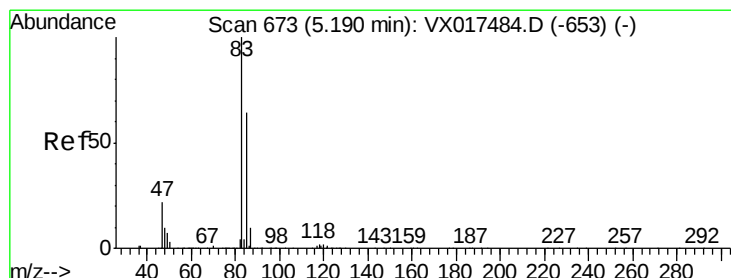
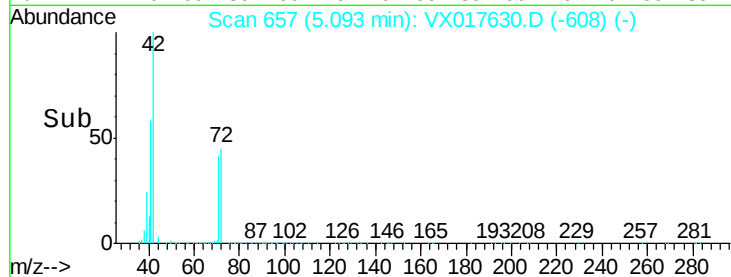
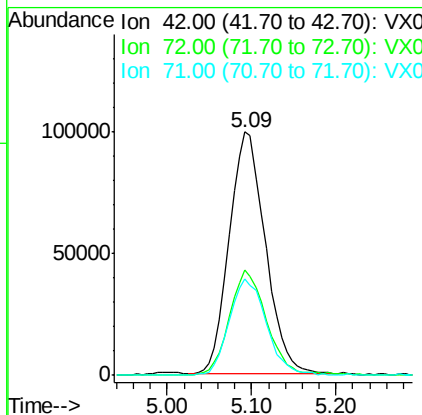
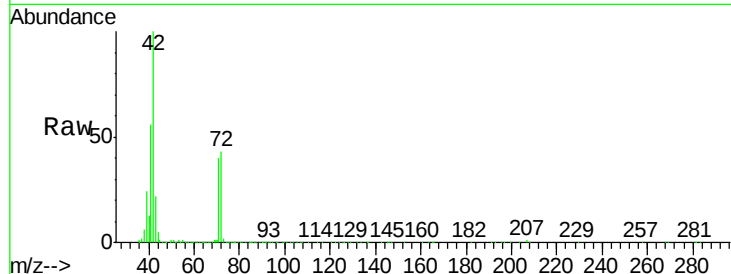
ClientSampleId :

VX0727WBSD02

Tot Ion:	42	Resp:	288302
Ion Ratio		Lower	Upper
42	100		
72	45.3	35.5	53.3
71	41.1	33.0	49.4

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#30

Chloroform

Concen: 18.394 ug/l

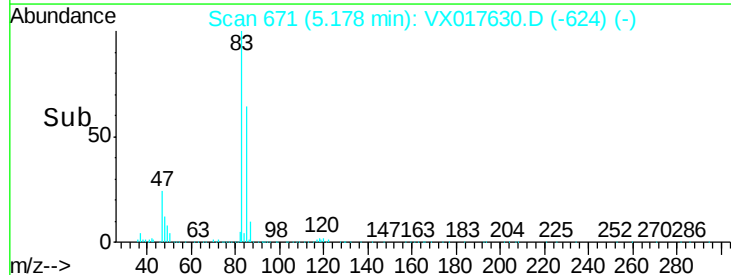
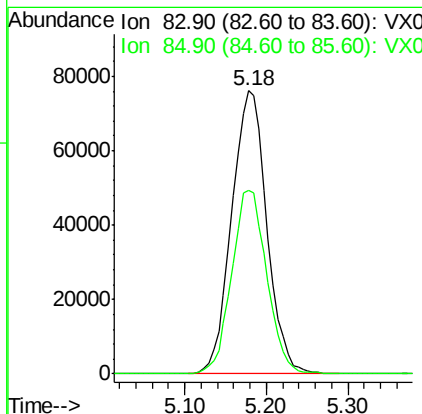
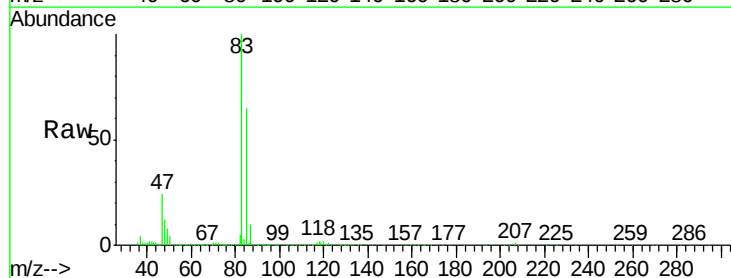
RT: 5.18 min Scan# 671

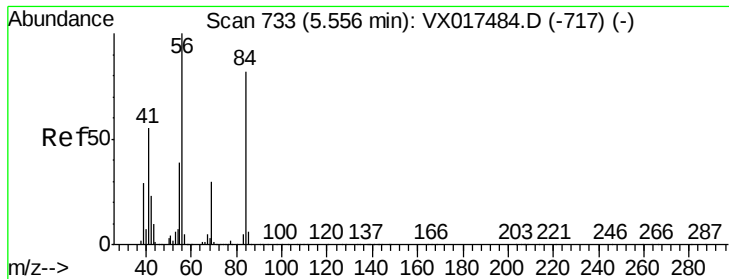
Delta R.T. -0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion:	83	Resp:	226405
Ion Ratio		Lower	Upper
83	100		
85	64.9	51.4	77.2





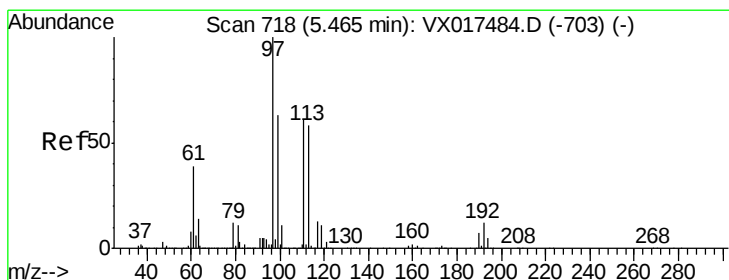
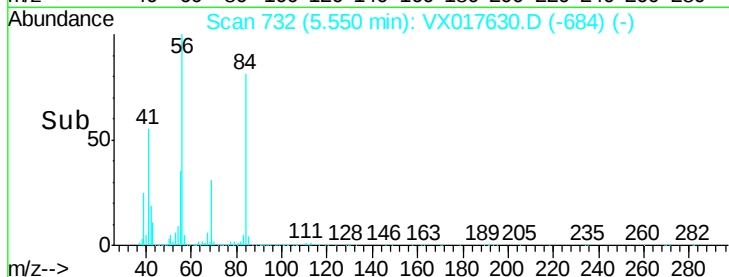
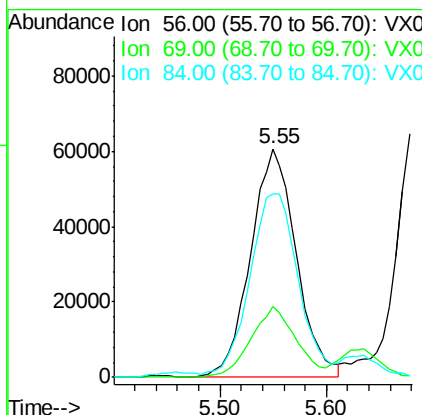
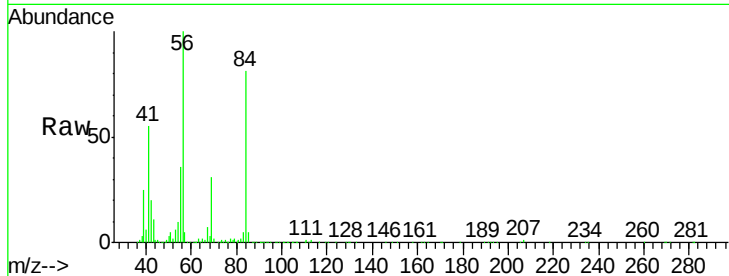
#31
Cyclohexane
Concen: 18.792 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.2	36.4
84	78.7	69.0	103.6

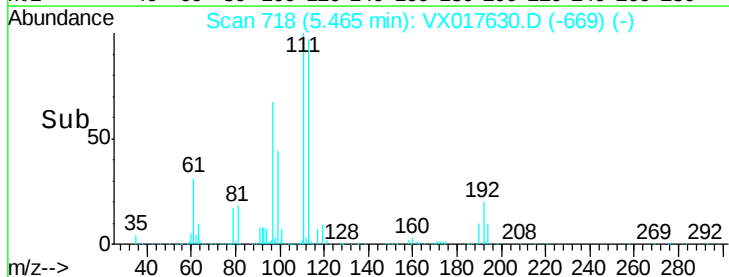
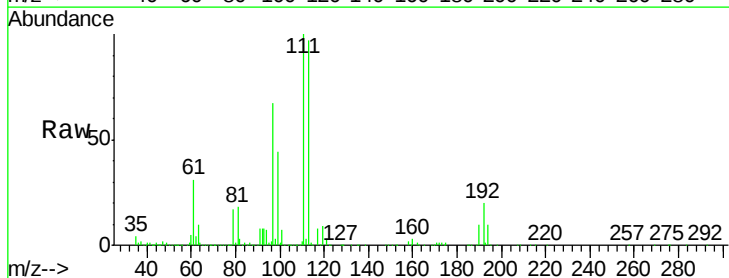
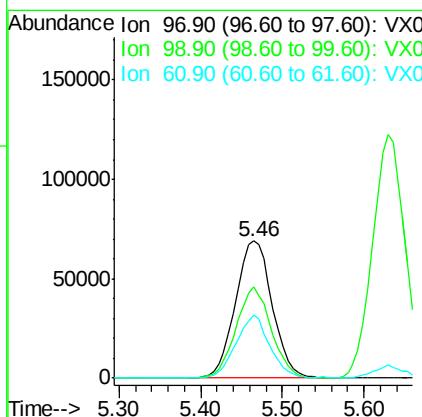
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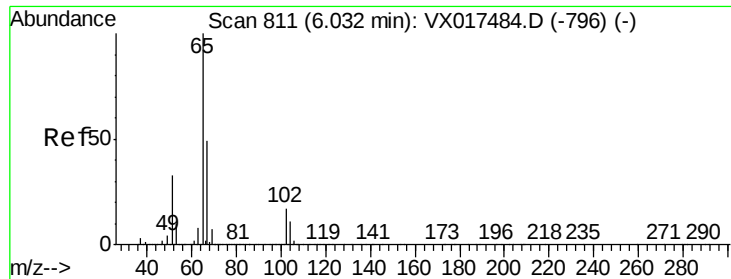
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#32
1,1,1-Trichloroethane
Concen: 18.614 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.9	77.9
61	42.4	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 48.610 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 65 Resp: 378637

Ion Ratio Lower Upper

65 100

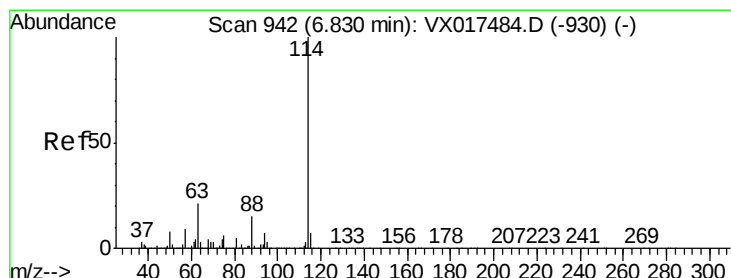
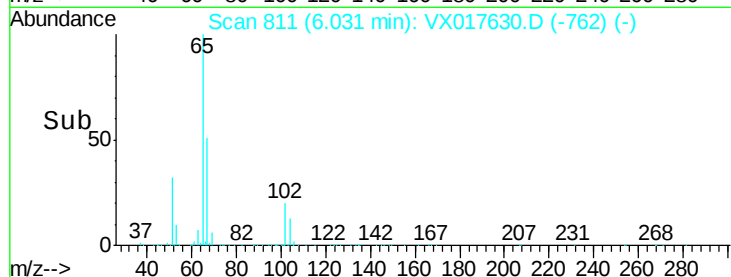
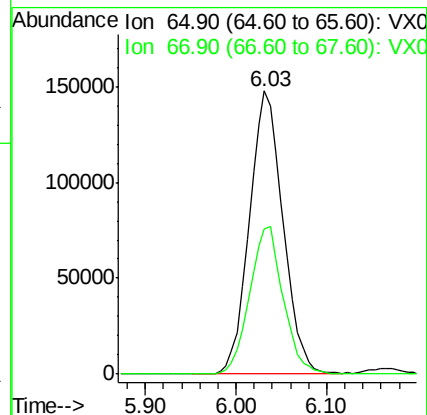
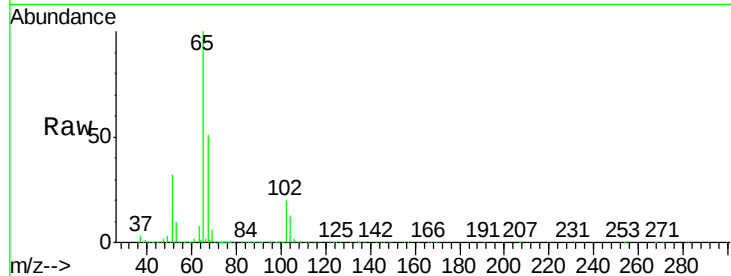
67 51.5 0.0 102.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

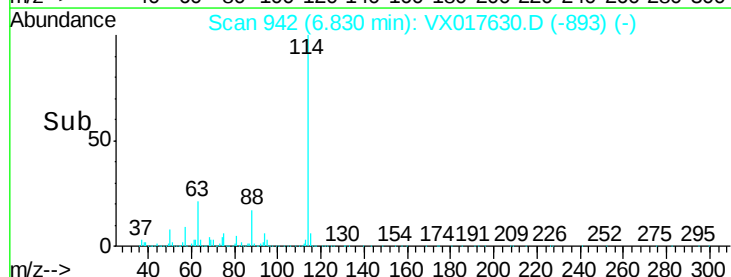
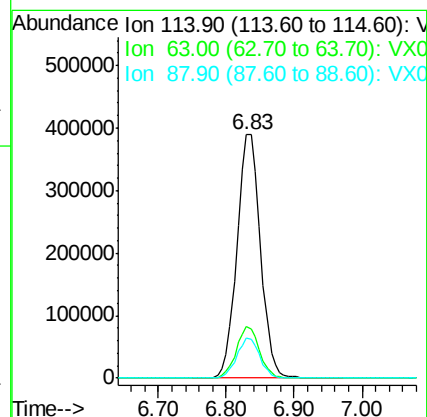
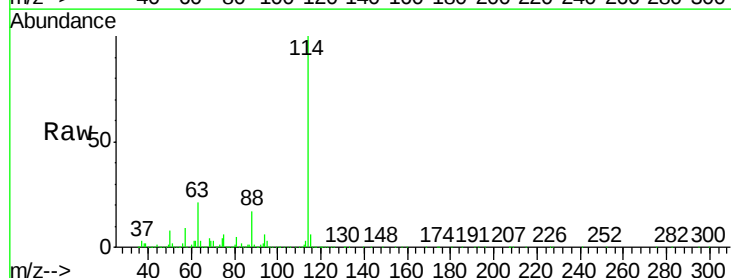
Tgt Ion: 114 Resp: 933291

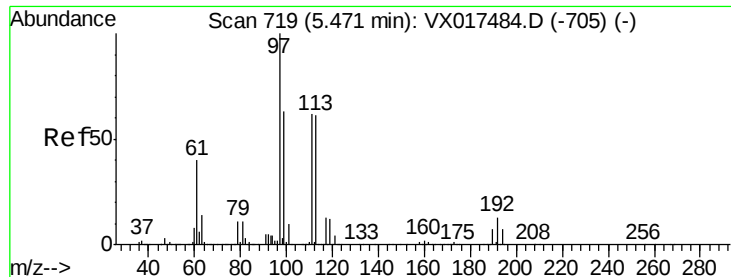
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.6

88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.766 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

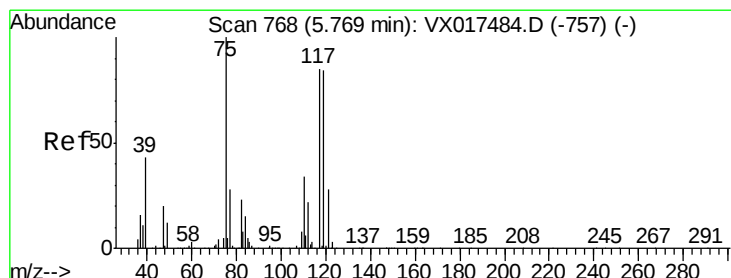
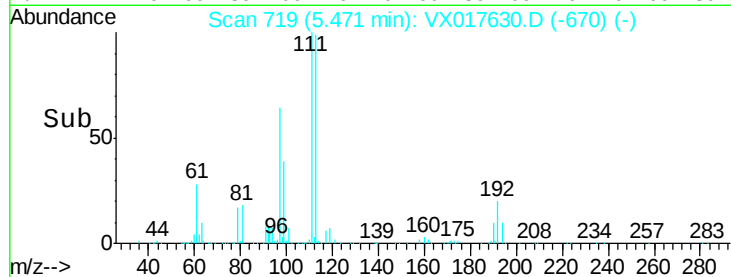
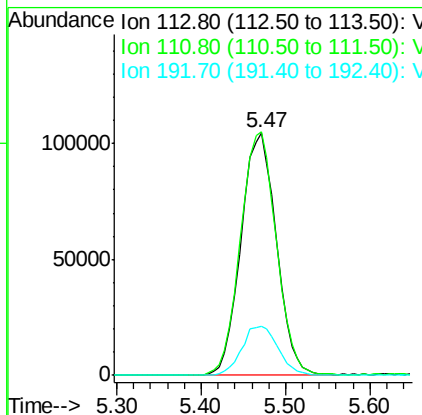
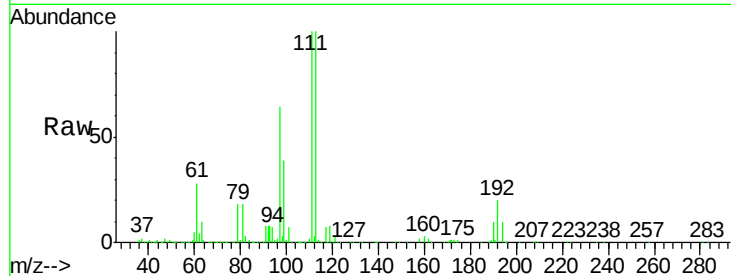
ClientSampleId :

VX0727WBSD02

Tot Ion:	113	Resp:	298150
Ion Ratio	Lower	Upper	
113	100		
111	101.3	80.7	121.1
192	20.5	16.9	25.3

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#36

1,1-Dichloropropene

Concen: 18.335 ug/l

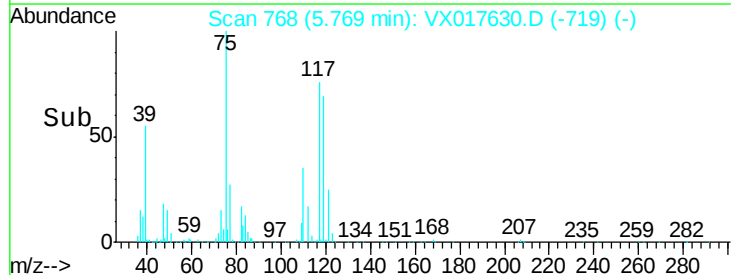
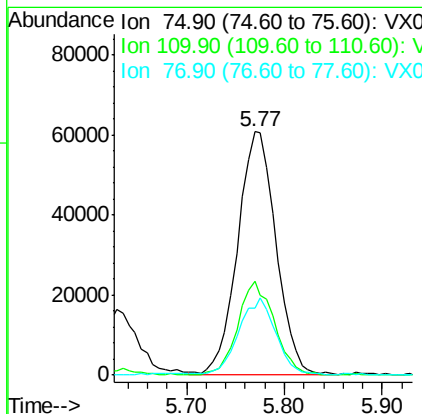
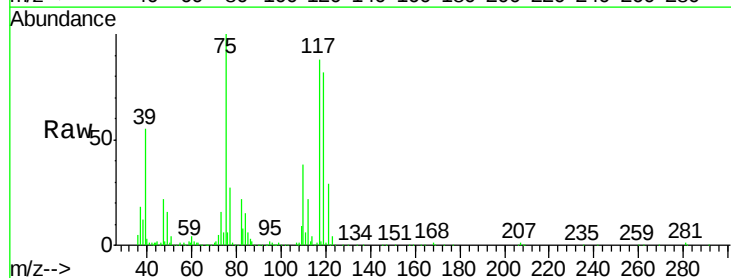
RT: 5.77 min Scan# 768

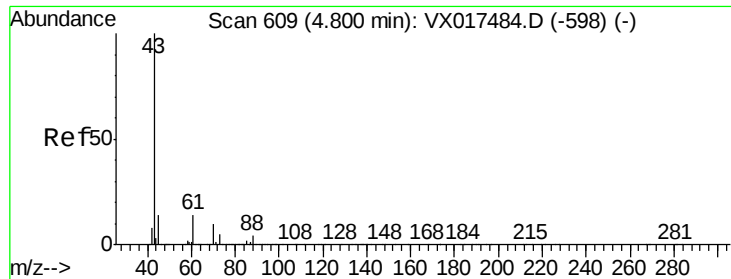
Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion:	75	Resp:	164118
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.3
77	30.6	24.6	37.0





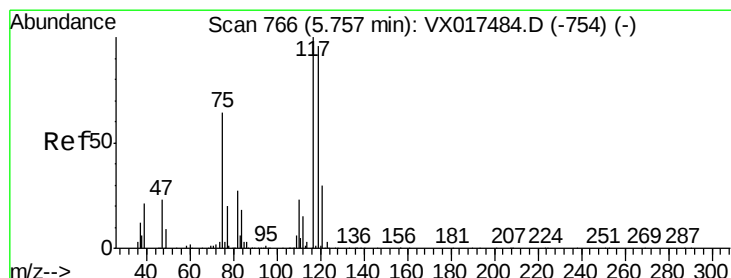
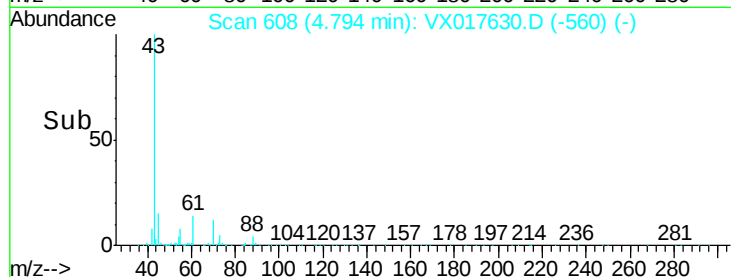
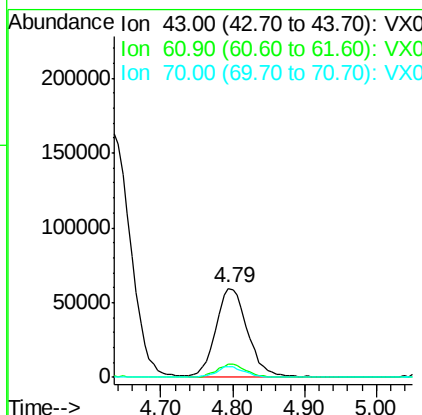
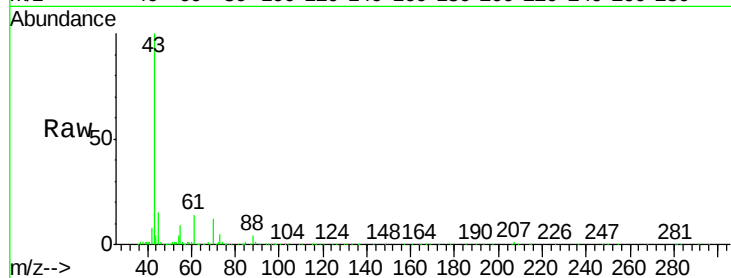
#37
Ethyl Acetate
Concen: 18.527 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion:	43	Resp:	181447
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	11.3	8.5	12.7

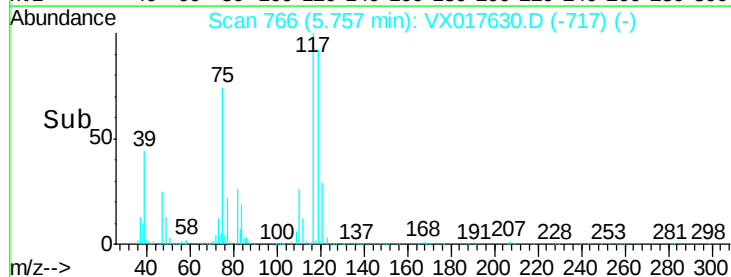
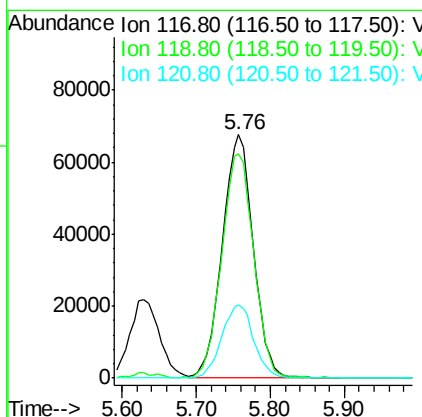
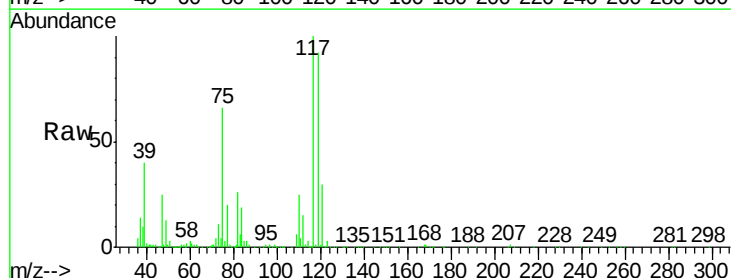
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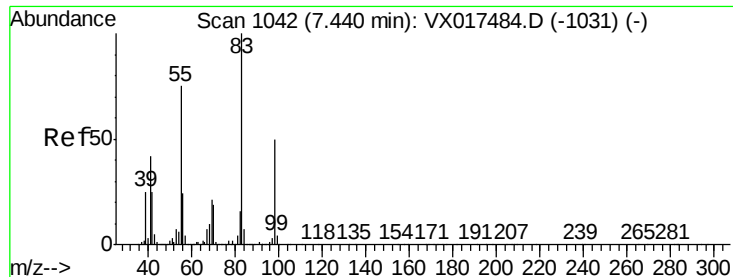
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#38
Carbon Tetrachloride
Concen: 18.112 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion:	117	Resp:	196877
Ion	Ratio	Lower	Upper
117	100		
119	91.7	75.4	113.0
121	30.0	24.3	36.5





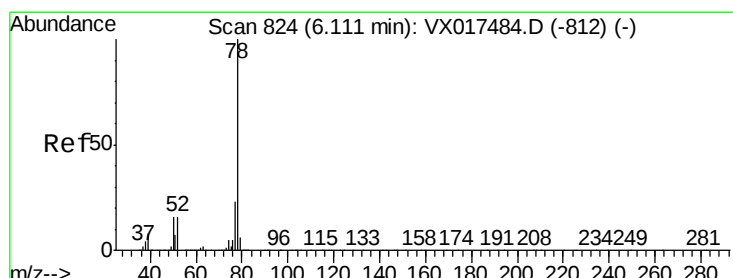
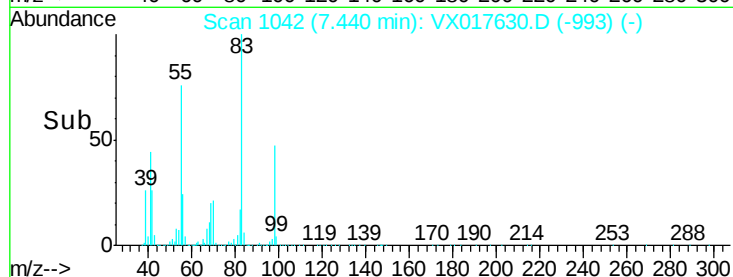
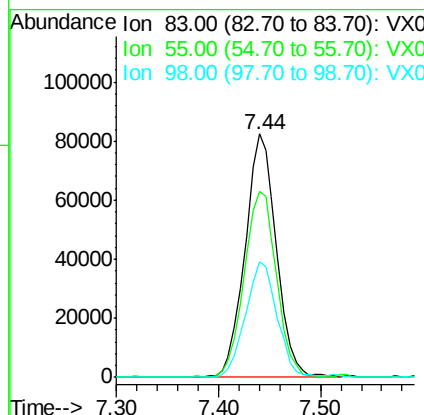
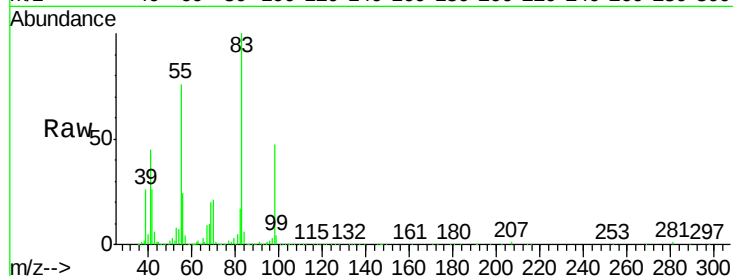
#39
Methvlcvclohexane
Concen: 16.834 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.8	92.8
98	47.3	36.9	55.3

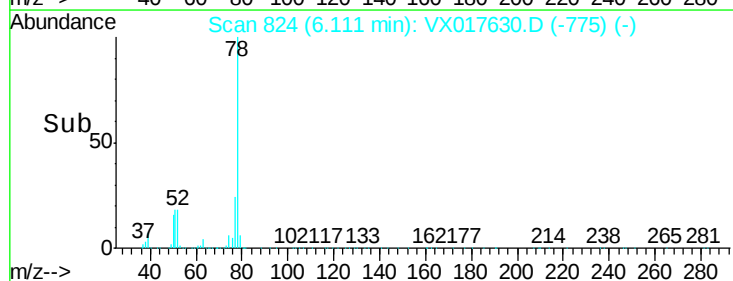
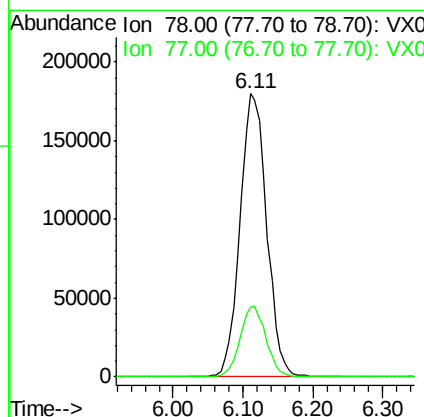
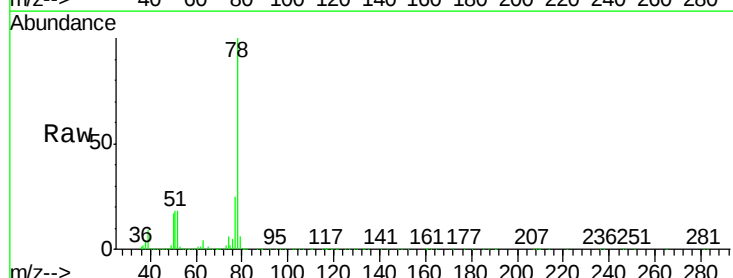
Manual Integrations
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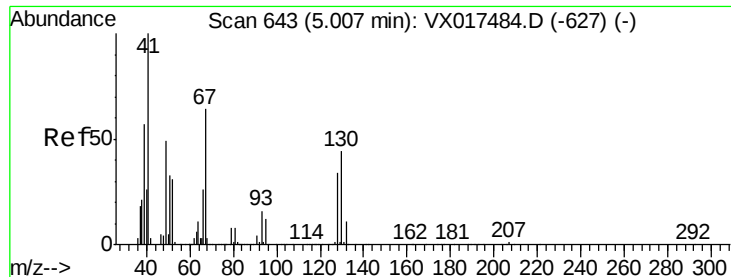
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#40
Benzene
Concen: 18.517 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.2





#41

Methacrylonitrile

Concen: 18.164 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

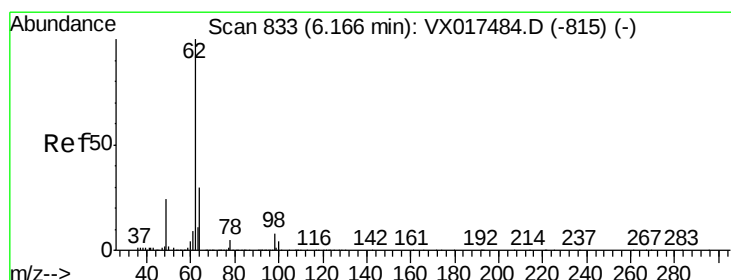
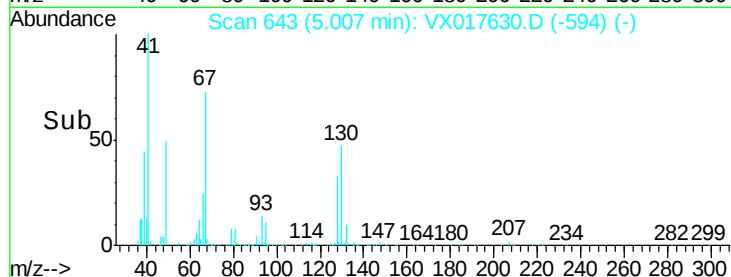
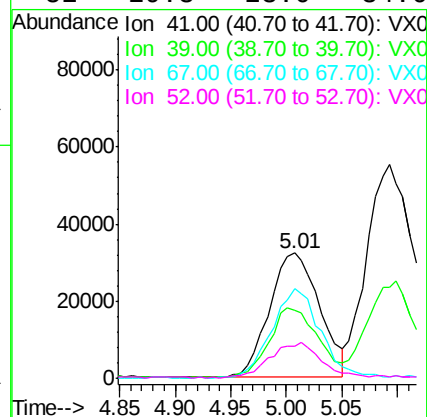
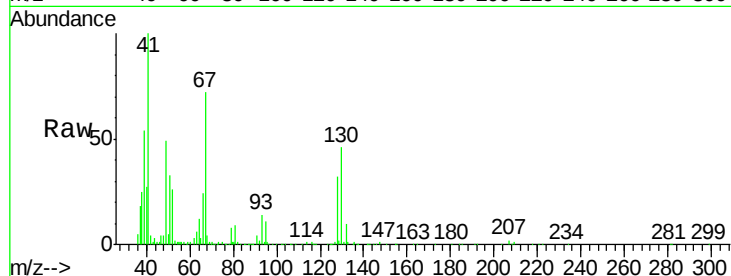
ClientSampleId :

VX0727WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	43.9	65.9	
67	69.0	54.0	81.0	
52	29.3	23.0	34.6	

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#42

1,2-Dichloroethane

Concen: 18.355 ug/l

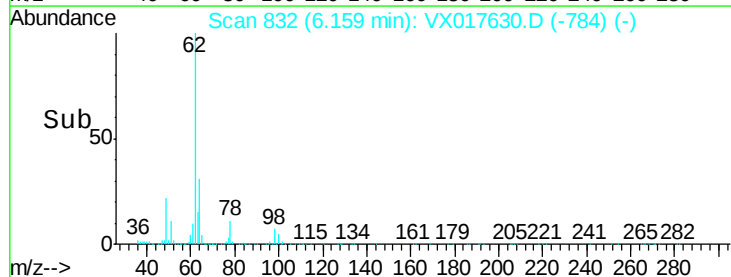
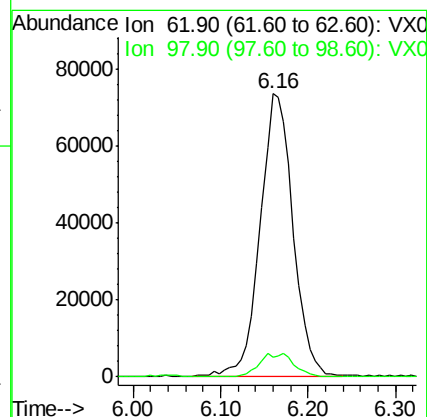
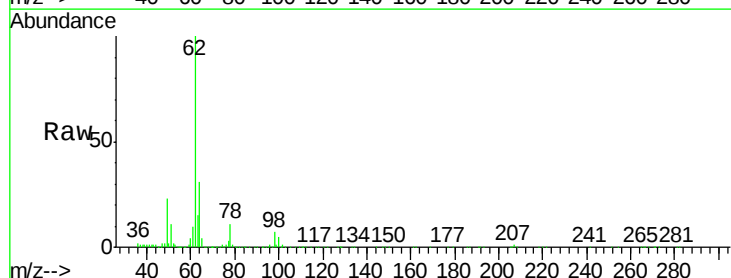
RT: 6.16 min Scan# 832

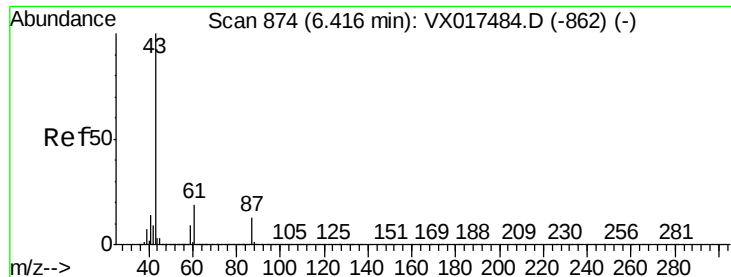
Delta R.T. -0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	16.0	





#43

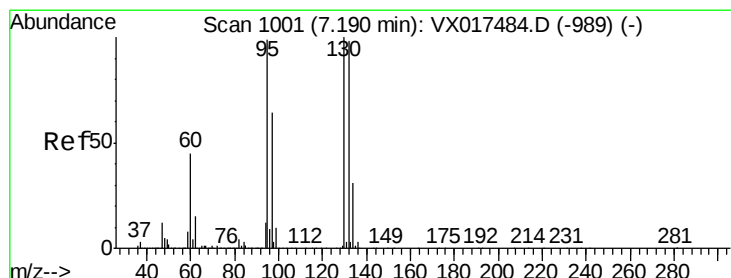
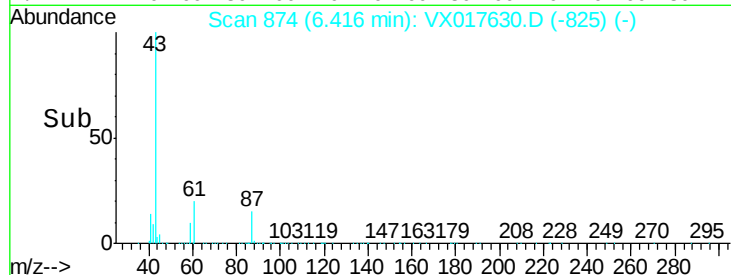
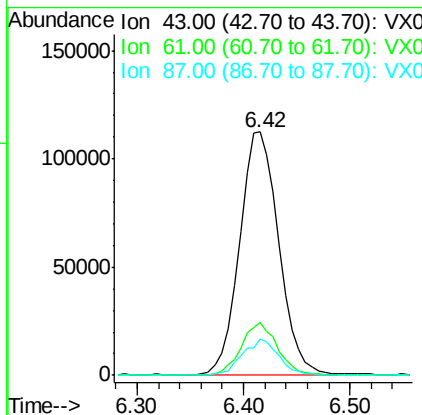
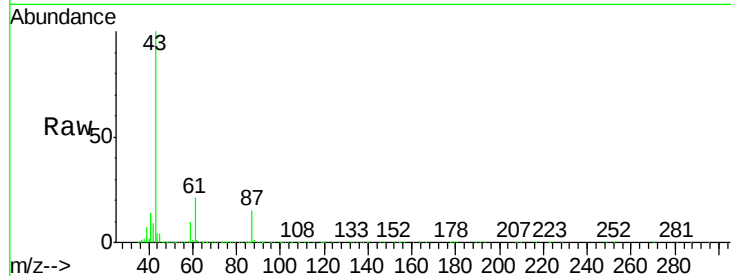
Isopropyl Acetate
 Concen: 17.868 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.5	23.3
87	14.1	10.5	15.7

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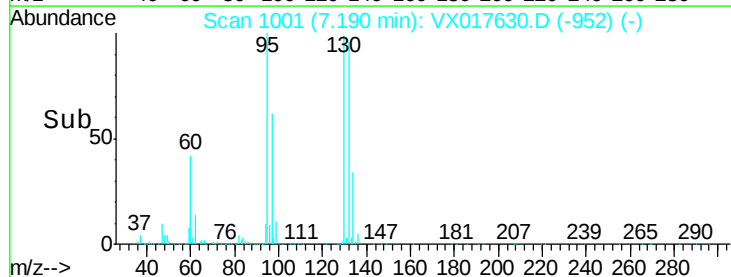
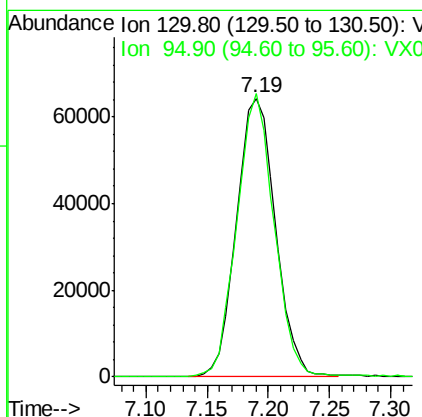
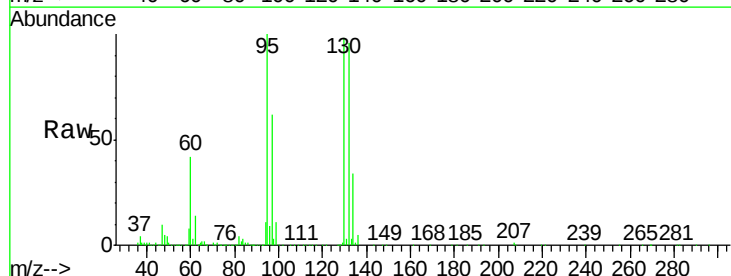
MMDadoda
 7/28/2020 10:08:41 AM

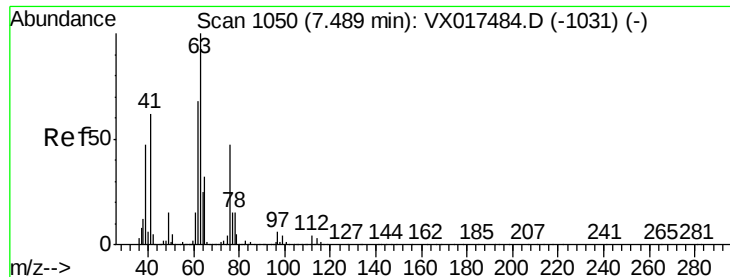


#44

Trichloroethene
 Concen: 19.003 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	189.0





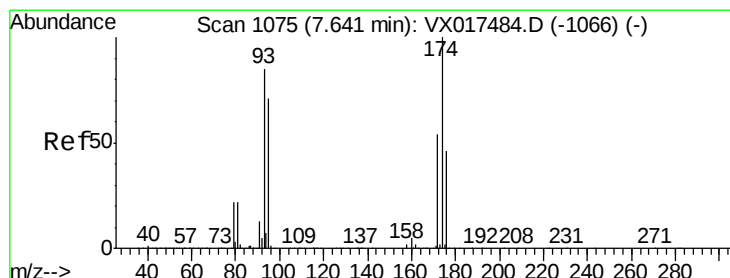
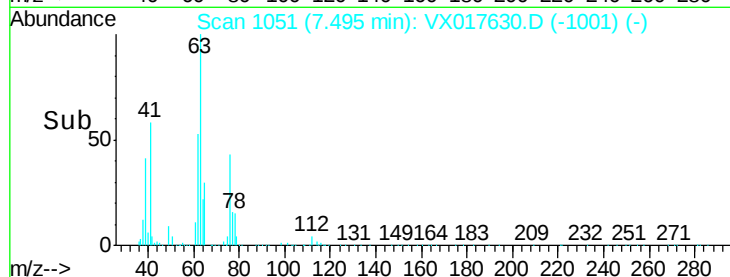
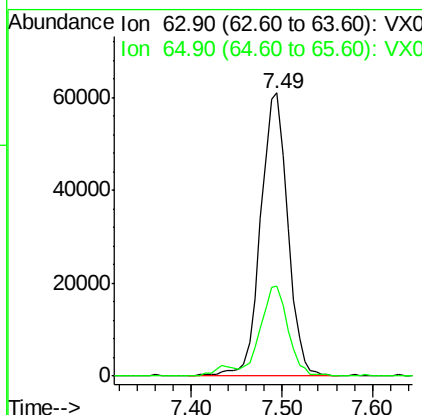
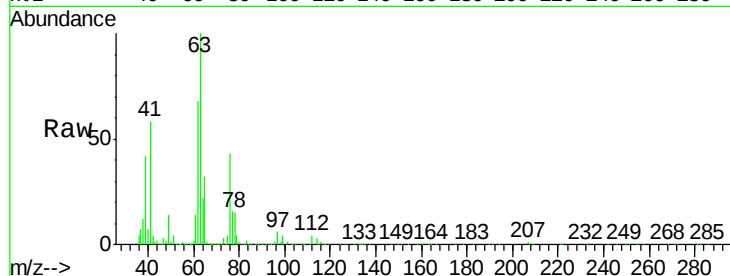
#45
 1,2-Dichloropropane
 Concen: 17.670 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.5	36.7

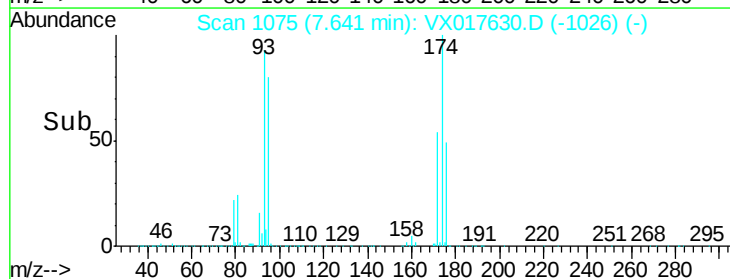
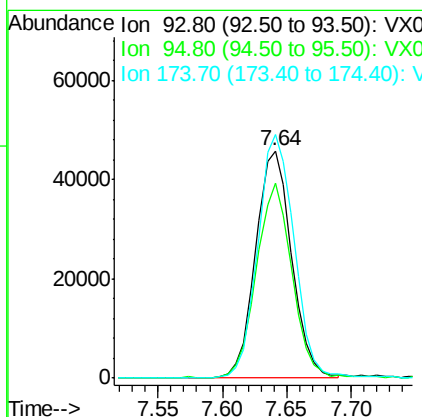
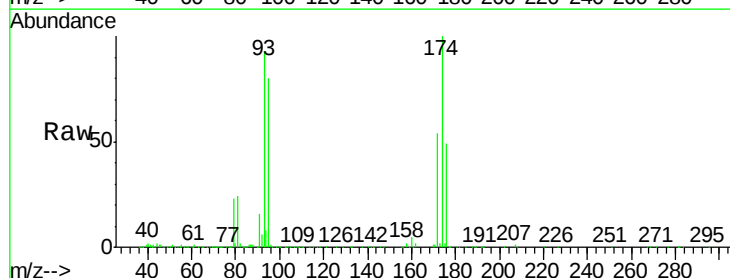
Manual Integrations
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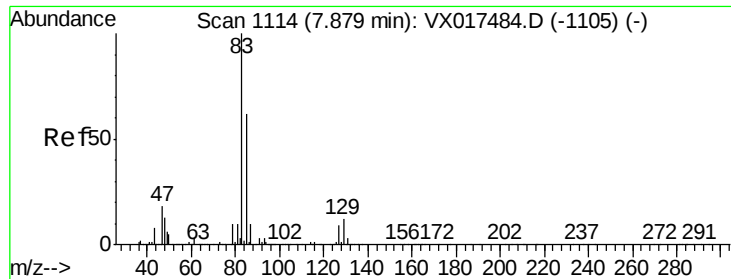
MMDadoda
 7/28/2020 10:08:41 AM



#46
 Dibromomethane
 Concen: 17.651 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.5	66.6	99.8
174	108.2	87.0	130.6





#47

Bromodichloromethane

Concen: 18.070 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

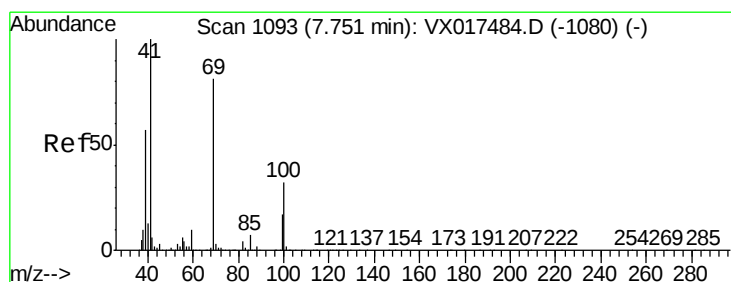
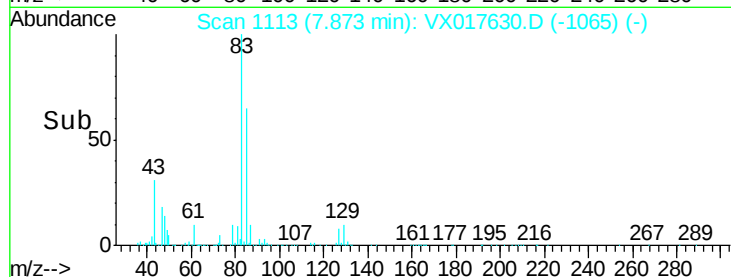
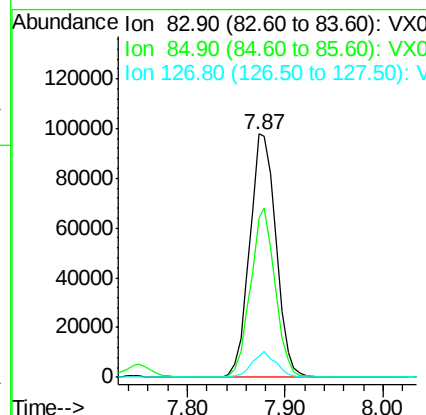
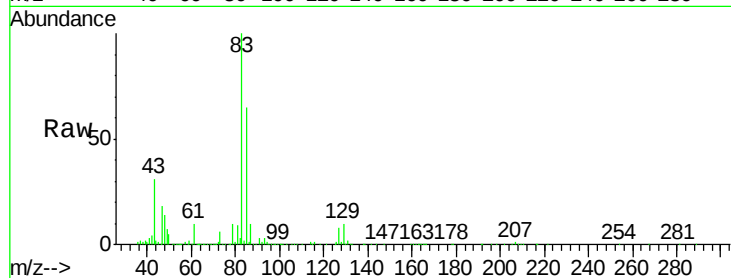
ClientSampleId :

VX0727WBSD02

Tot Ion:	83	Resp:	182795
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.8	77.8
127	8.3	7.4	11.2

Manual Integrations
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7/28/2020 10:08:41 AM



#48

Methyl methacrylate

Concen: 17.537 ug/l

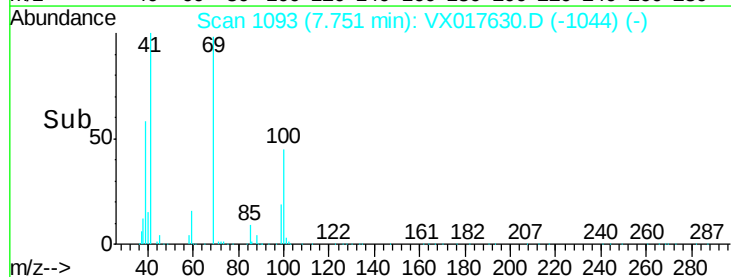
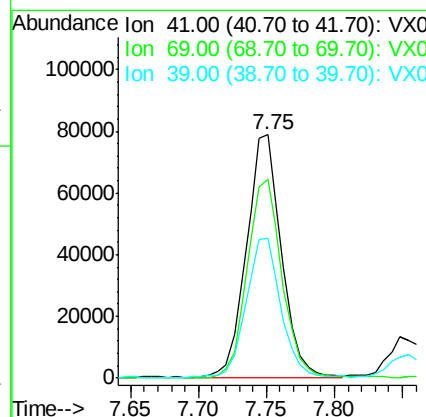
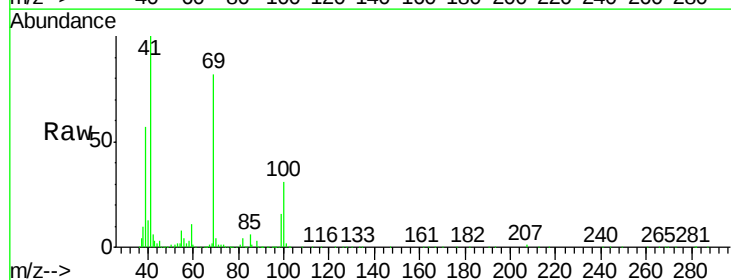
RT: 7.75 min Scan# 1093

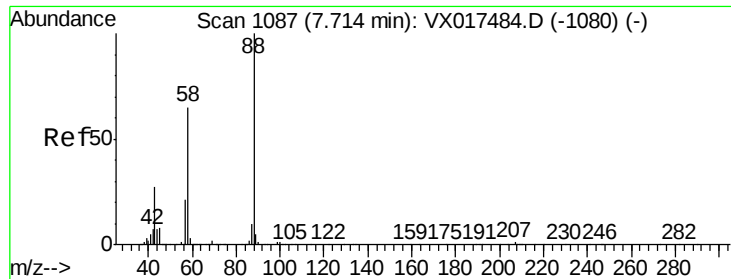
Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion:	41	Resp:	140471
Ion Ratio	Lower	Upper	
41	100		
69	82.5	63.1	94.7
39	57.4	45.1	67.7





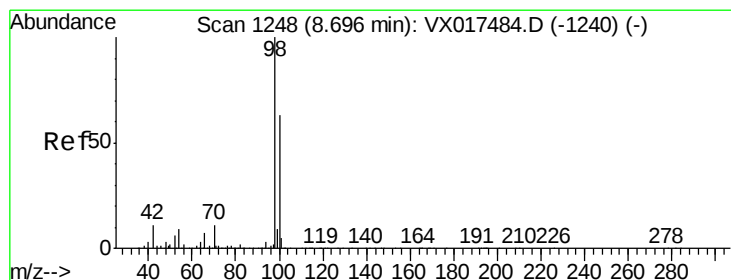
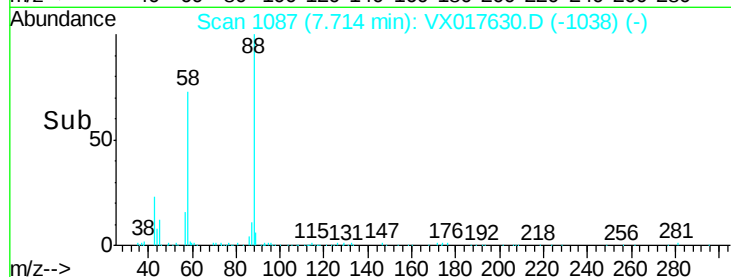
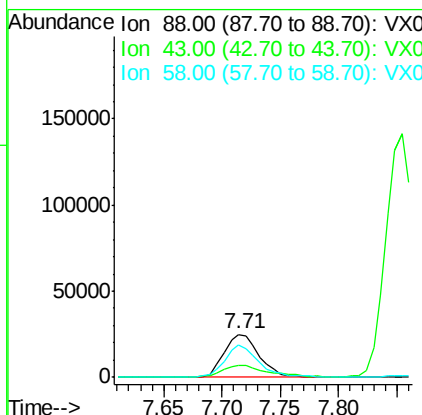
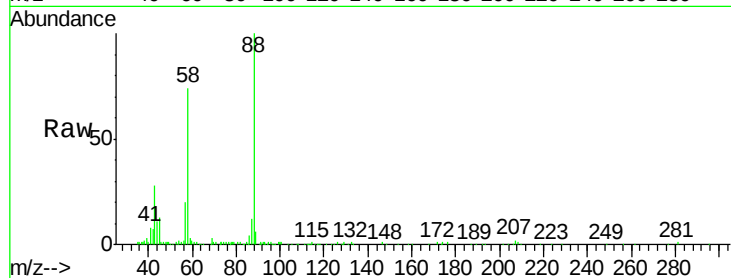
#49
1,4-Dioxane
Concen: 340.649 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	27.8	41.6
58	73.9	58.3	87.5

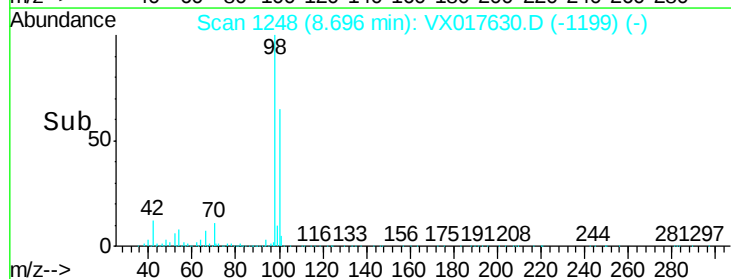
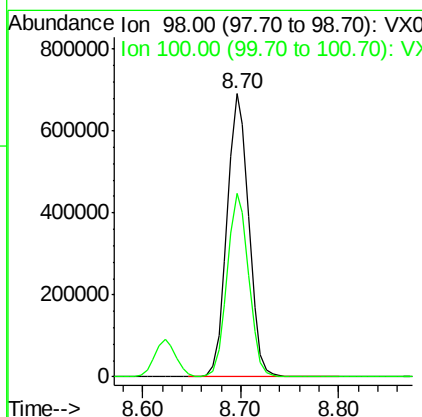
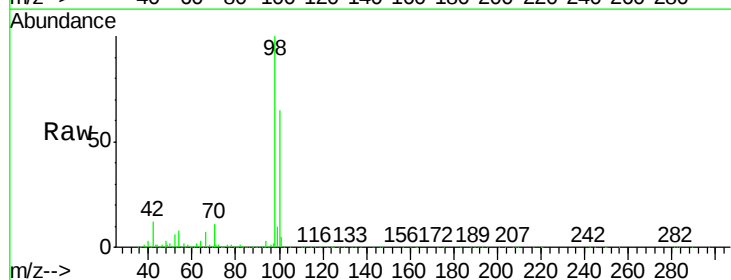
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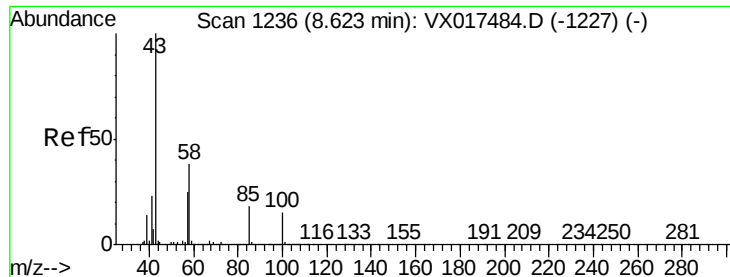
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#50
Toluene-d8
Concen: 47.334 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 94.139 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 43 Resp: 907658

Ion Ratio Lower Upper

43 100

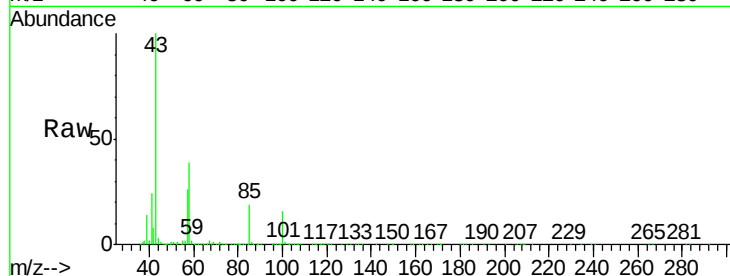
58 38.3 31.0 46.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

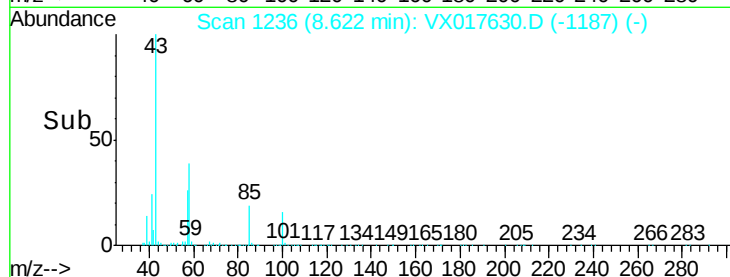
600000

400000

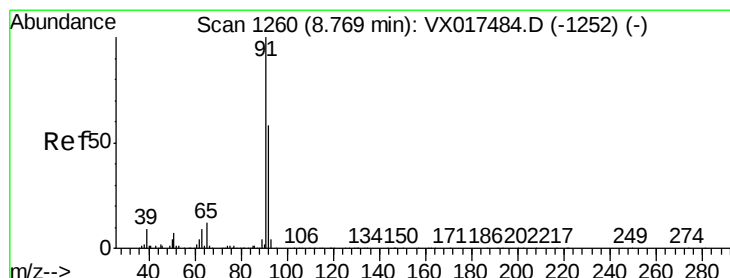
200000

0

8.50 8.55 8.60 8.65 8.70



Time-->



#52

Toluene

Concen: 18.291 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017630.D

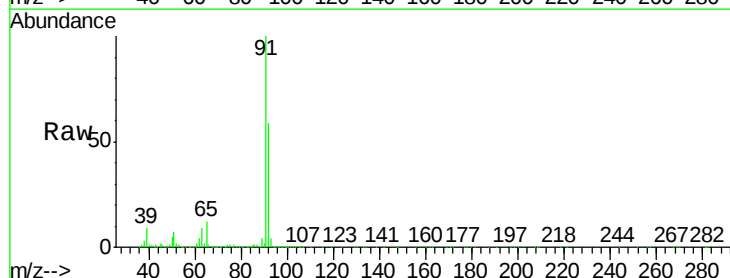
Acq: 27 Jul 2020 20:26

Tgt Ion: 92 Resp: 301035

Ion Ratio Lower Upper

92 100

91 174.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

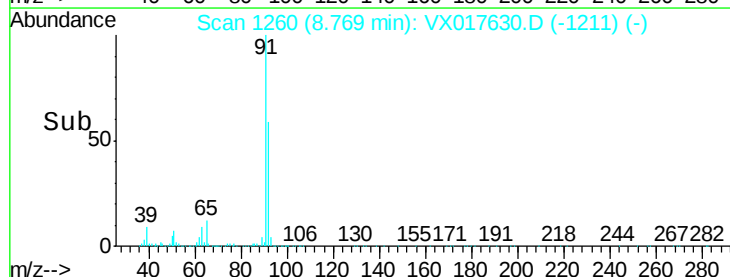
300000

200000

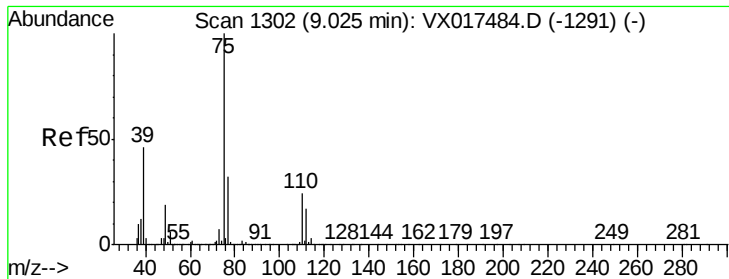
100000

0

8.70 8.75 8.80 8.85



Time-->



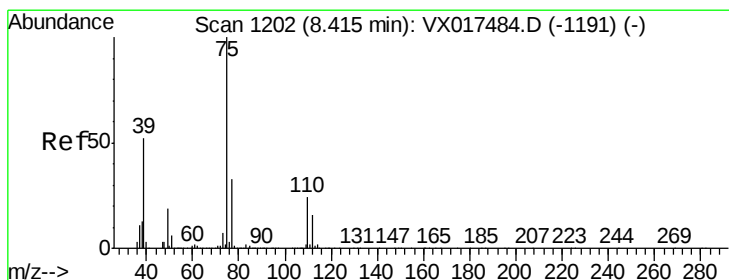
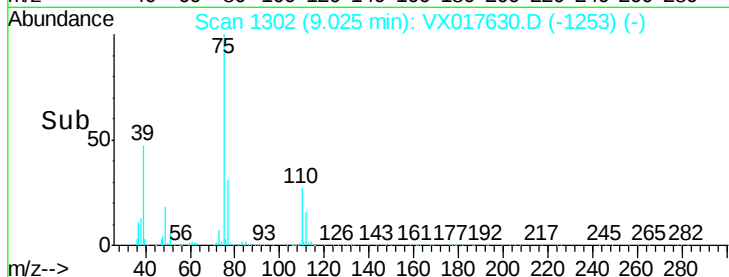
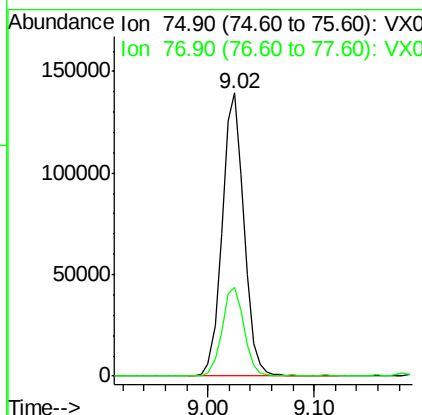
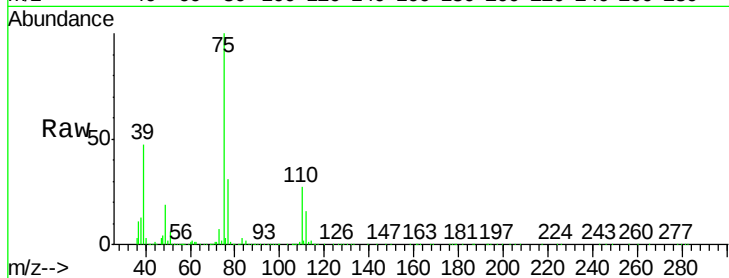
#53
t-1,3-Dichloropropene
Concen: 17.532 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion: 75 Resp: 198540
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3

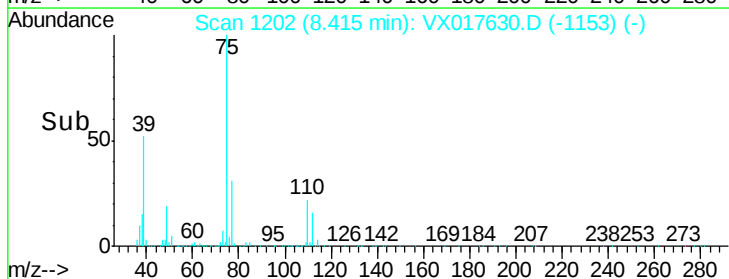
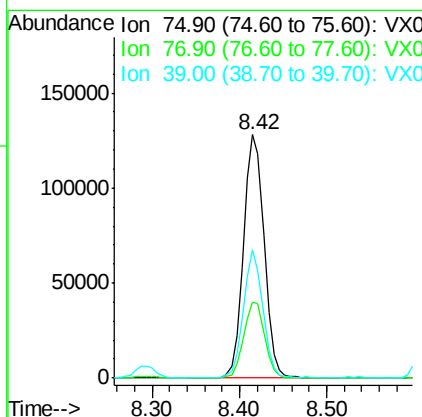
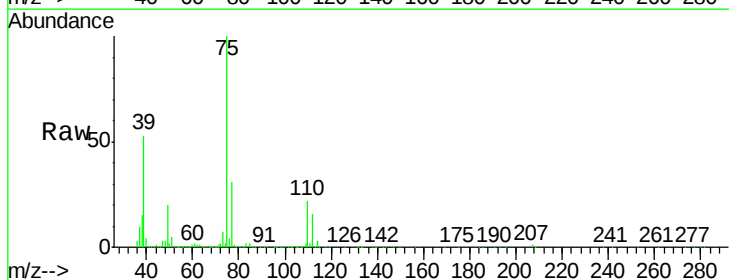
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#54
cis-1,3-Dichloropropene
Concen: 18.074 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion: 75 Resp: 208763
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 52.6 41.8 62.8





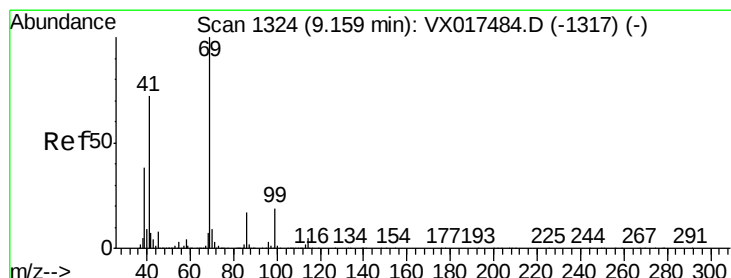
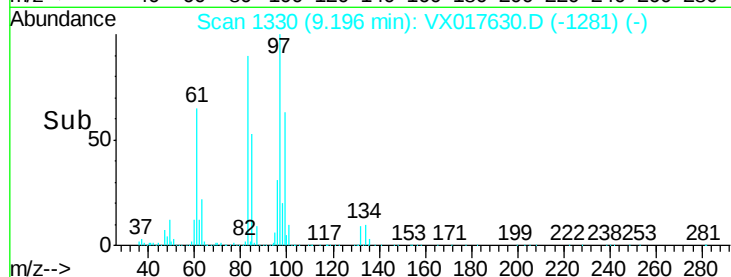
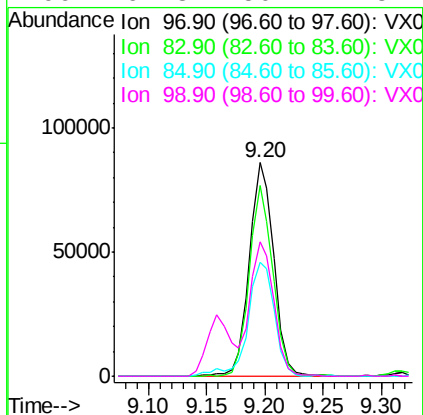
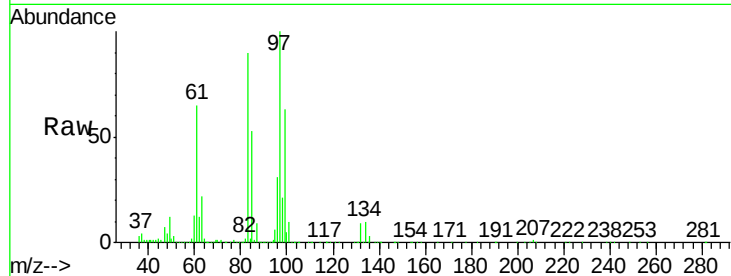
#55
 1,1,2-Trichloroethane
 Concen: 18.438 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		126411		
83	89.4	67.6	101.4		
85	53.2	44.6	67.0		
99	62.8	50.2	75.4		

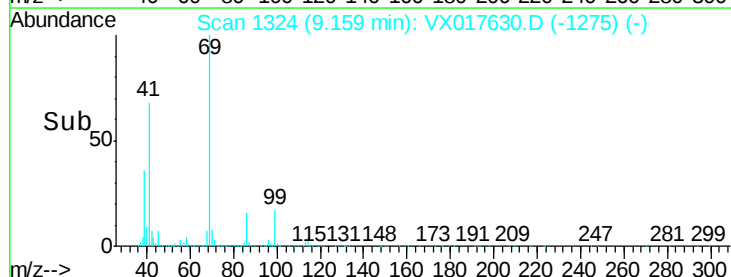
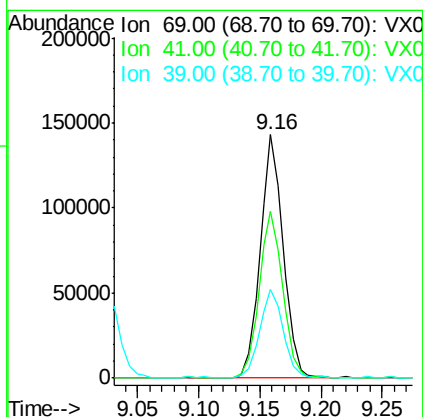
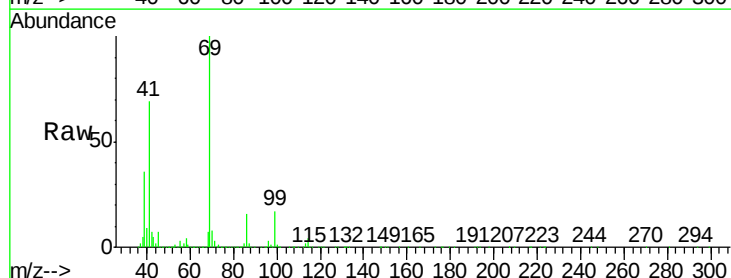
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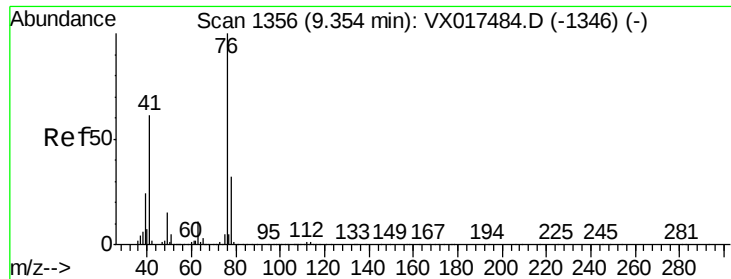
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#56
 Ethyl methacrylate
 Concen: 18.238 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		188382		
41	69.4	55.0	82.6		
39	36.9	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 18.549 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 76 Resp: 209403

Ion Ratio Lower Upper

76 100

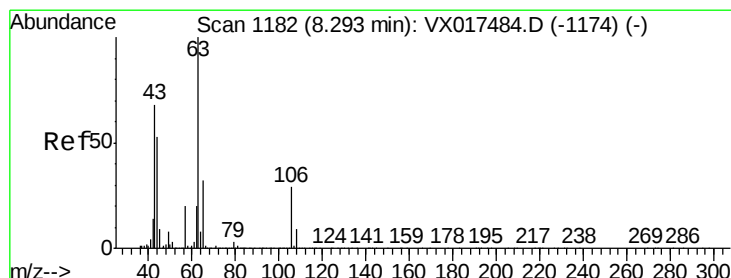
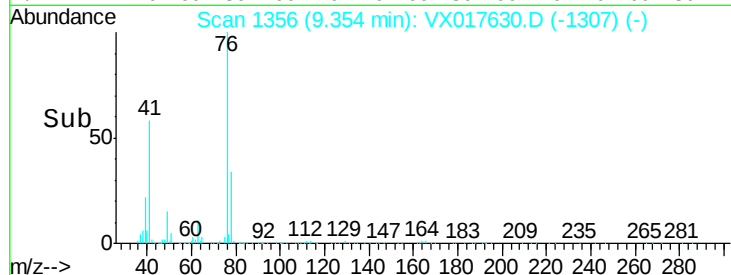
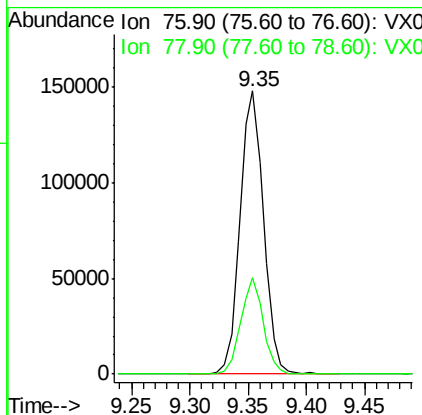
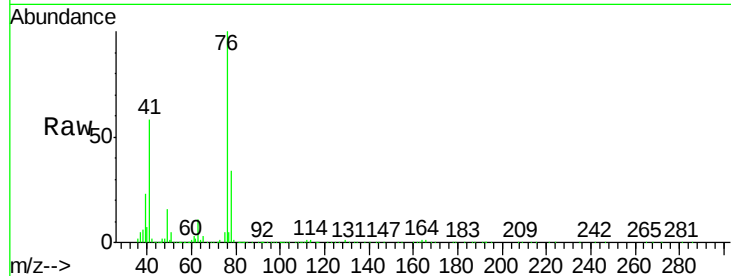
78 32.5 25.8 38.8

Manual Integrations

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7/28/2020 10:08:41 AM



#58

2-Chloroethyl Vinyl ether

Concen: 86.049 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017630.D

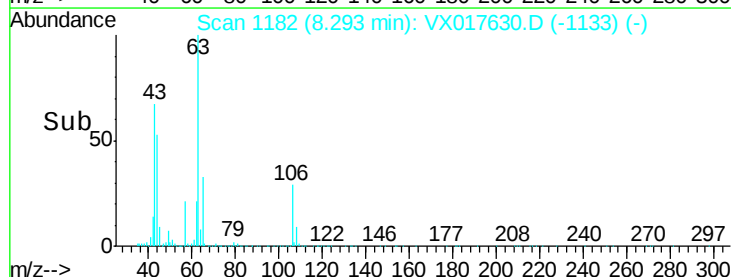
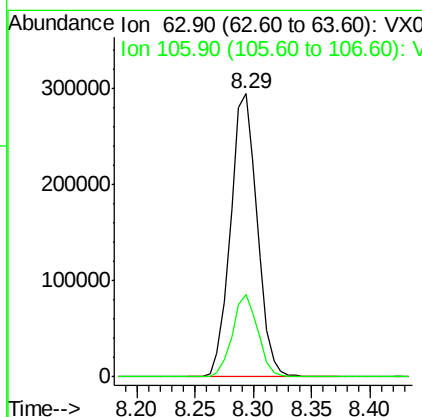
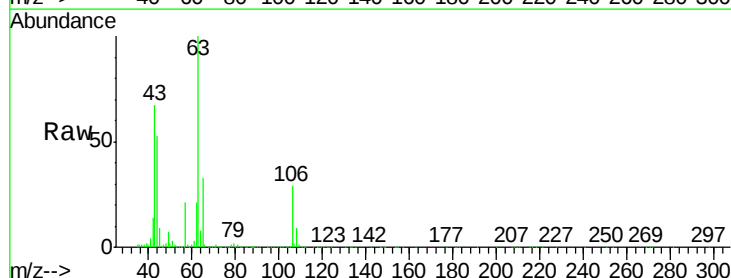
Acq: 27 Jul 2020 20:26

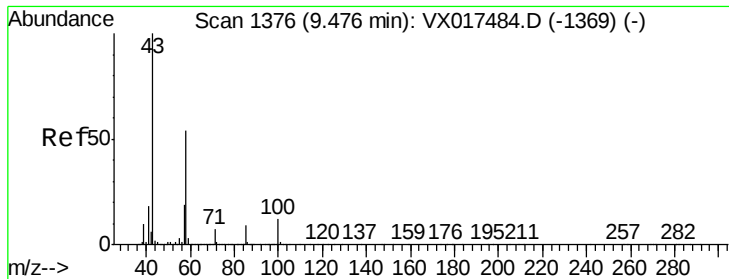
Tgt Ion: 63 Resp: 468256

Ion Ratio Lower Upper

63 100

106 27.8 22.6 34.0





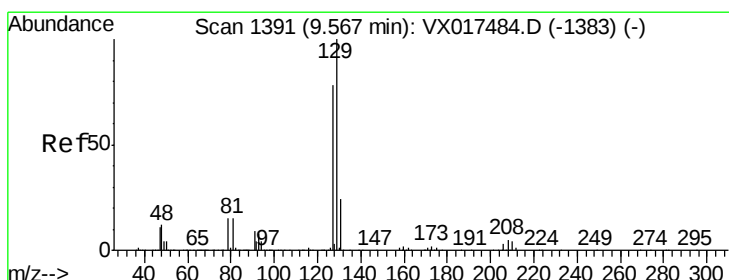
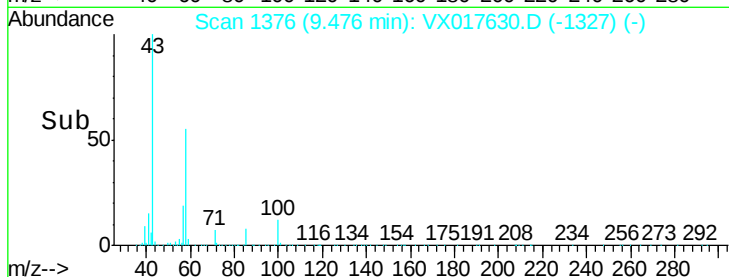
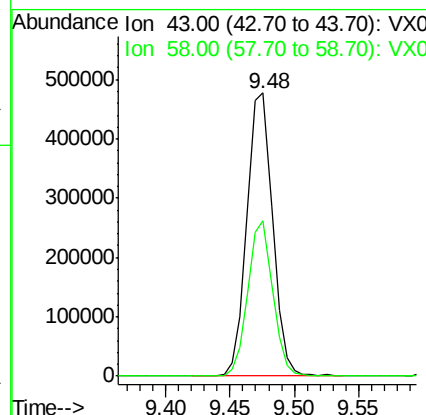
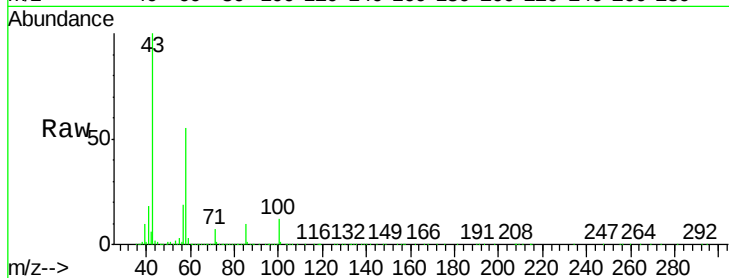
#59
2-Hexanone
Concen: 90.588 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion: 43 Resp: 657585
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.8

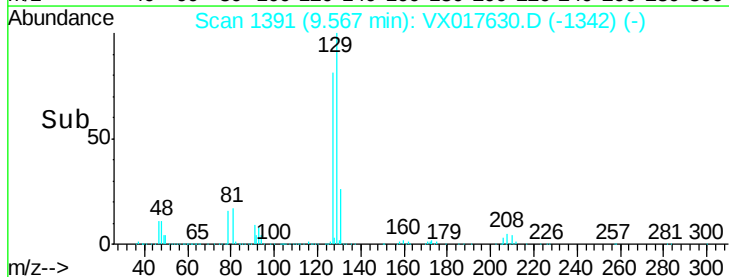
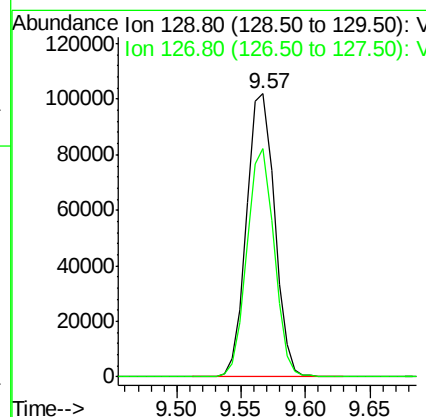
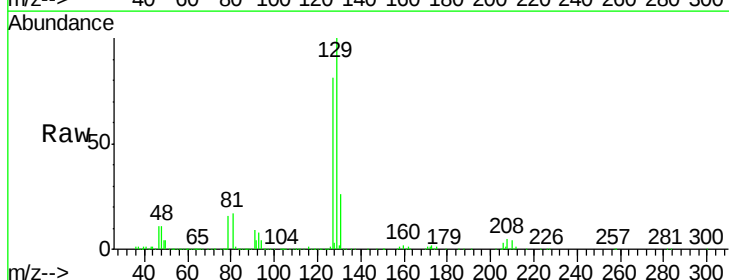
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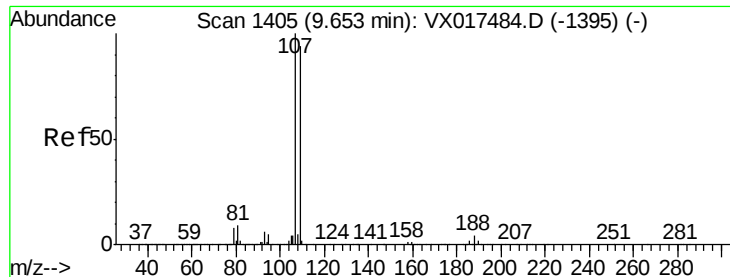
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#60
Dibromochloromethane
Concen: 17.620 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion: 129 Resp: 153540
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.480 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 107 Resp: 134889

Ion Ratio Lower Upper

107 100

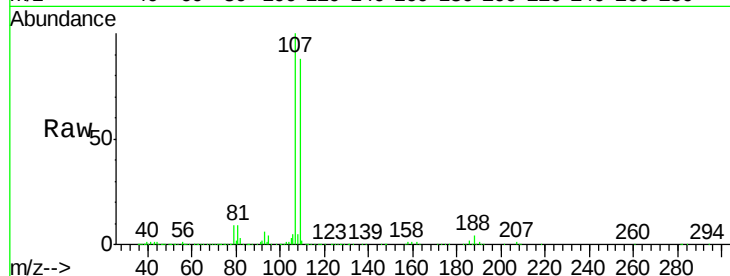
109 93.3 74.9 112.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

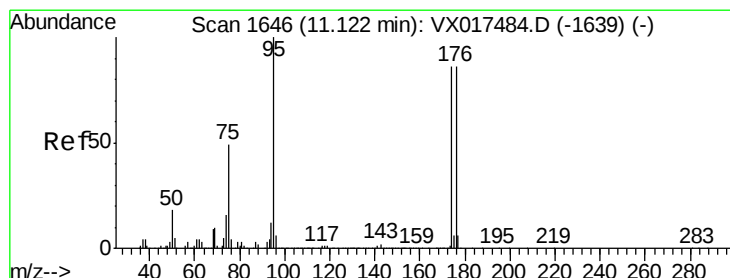
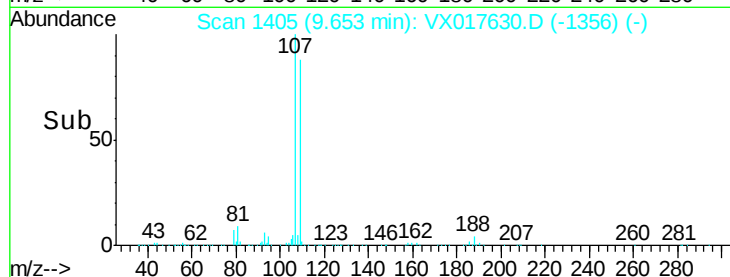
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.429 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

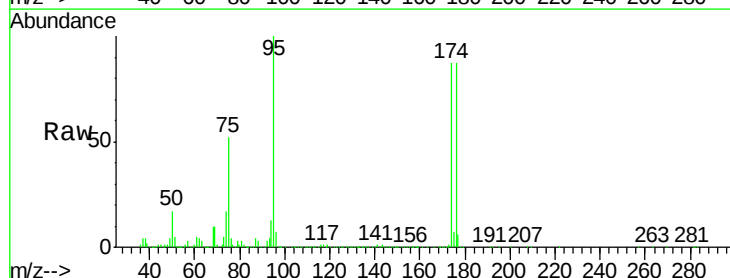
Tgt Ion: 95 Resp: 382349

Ion Ratio Lower Upper

95 100

174 85.4 0.0 169.0

176 83.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

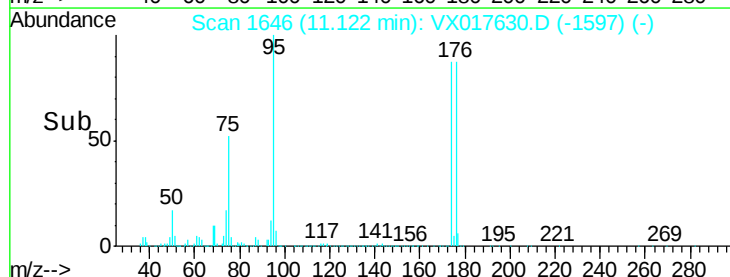
300000

200000

100000

0

Time-->





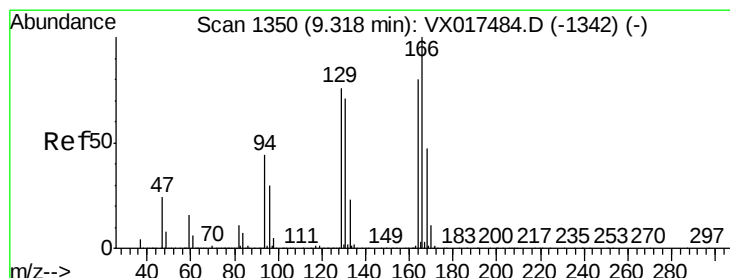
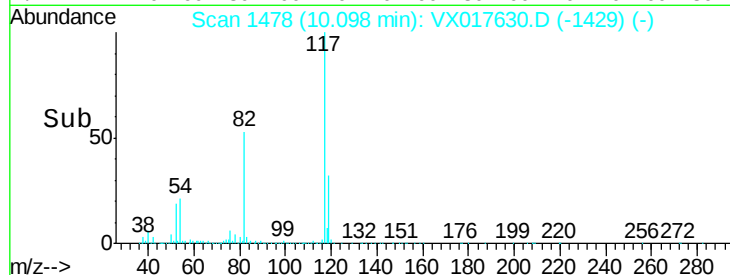
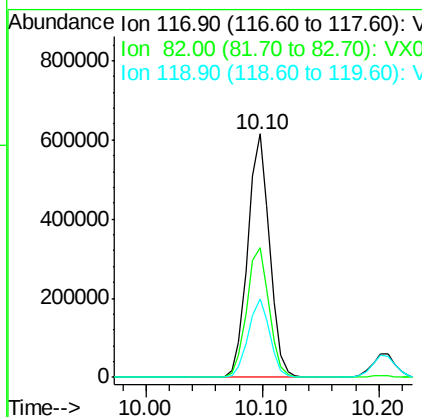
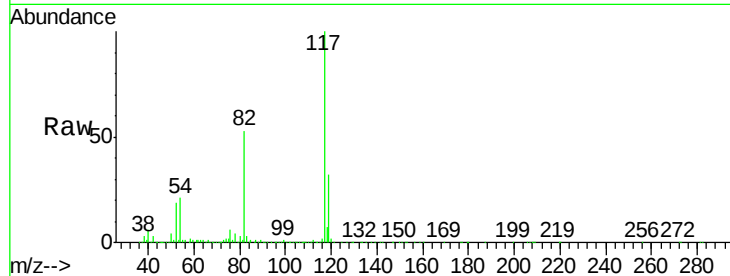
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	805884		
82	53.3	44.0	66.0	
119	32.0	25.4	38.0	

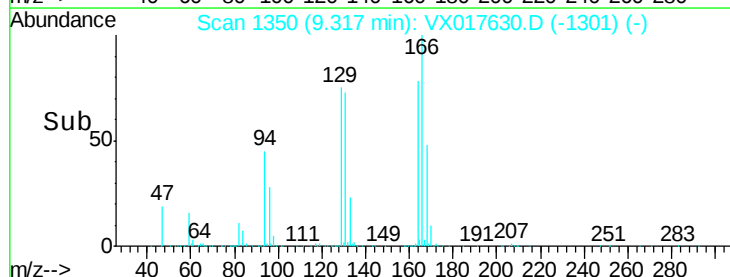
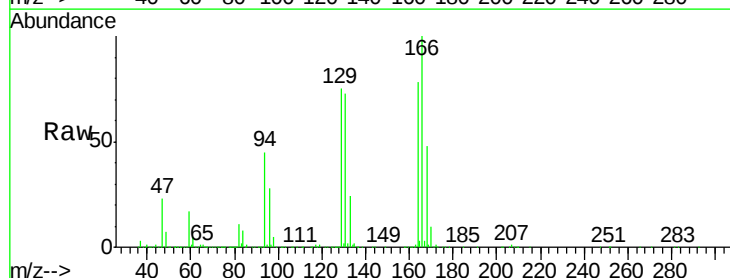
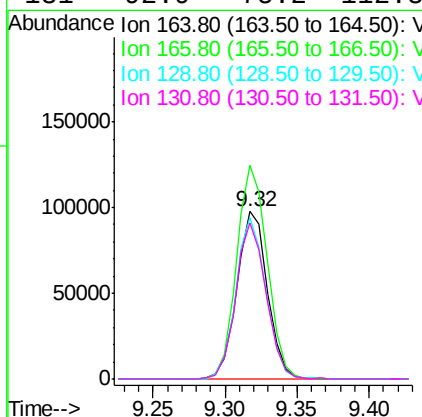
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#64
Tetrachloroethene
Concen: 19.836 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	143472		
166	127.6	100.6	150.8	
129	96.0	75.0	112.6	
131	92.9	75.2	112.8	





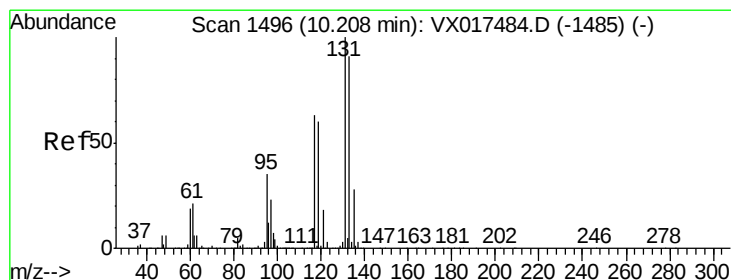
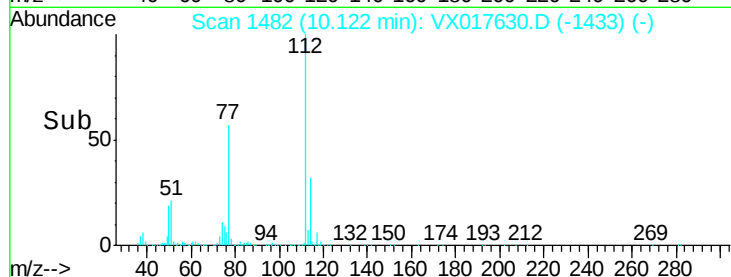
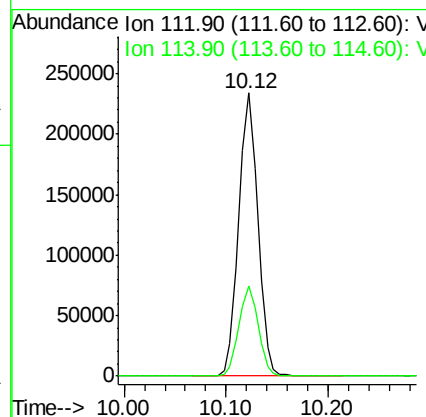
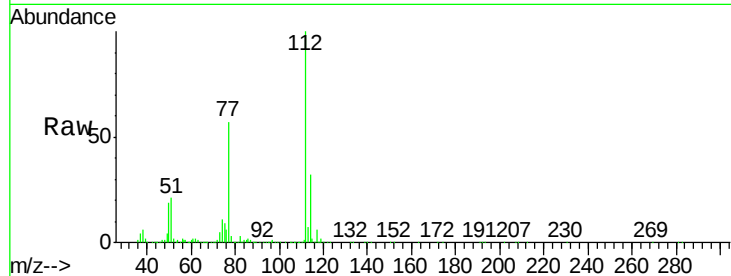
#65
Chlorobenzene
Concen: 17.383 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

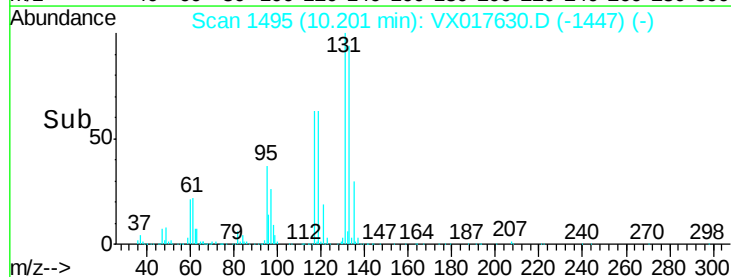
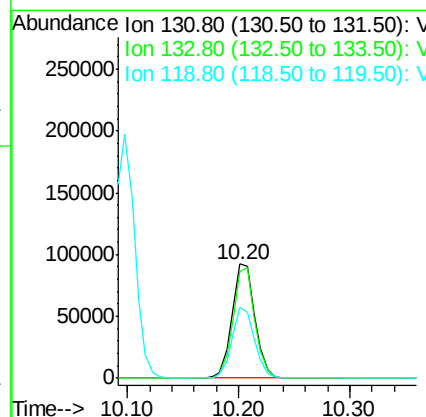
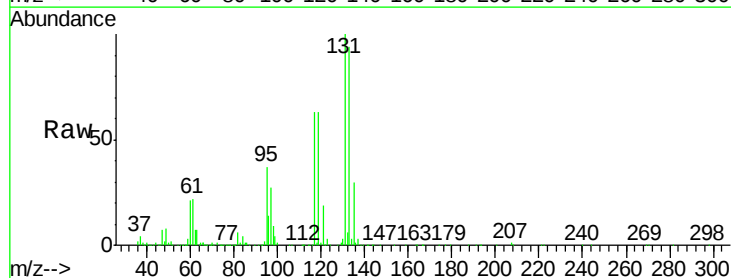
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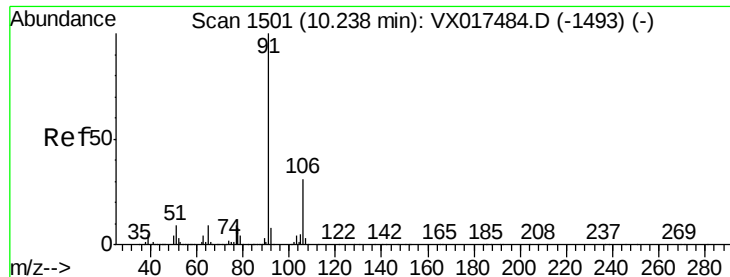
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.487 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.3	47.9	143.6
119	61.7	31.1	93.3





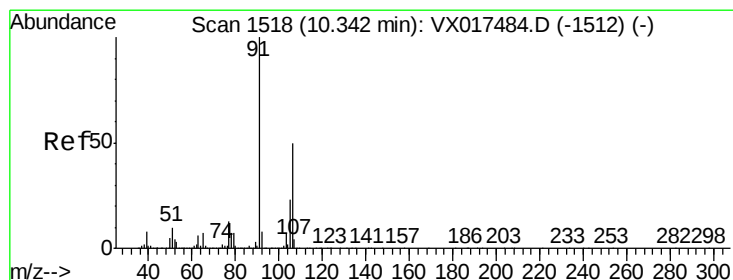
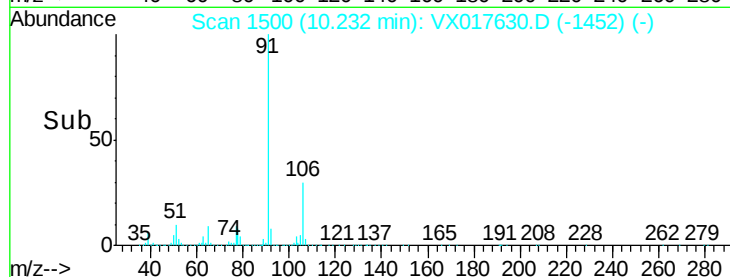
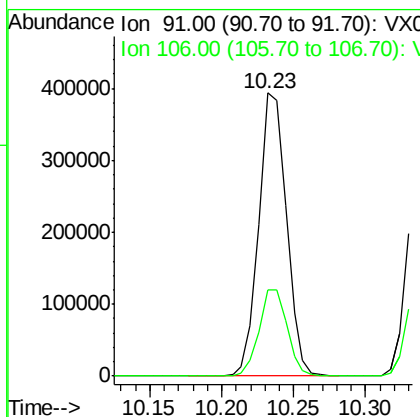
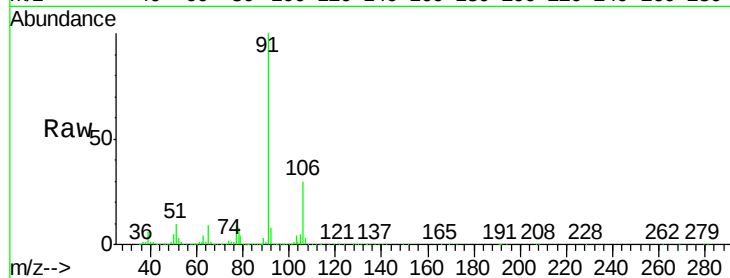
#67
Ethyl Benzene
Concen: 17.991 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion: 91 Resp: 523869
Ion Ratio Lower Upper
91 100
106 30.4 25.8 38.6

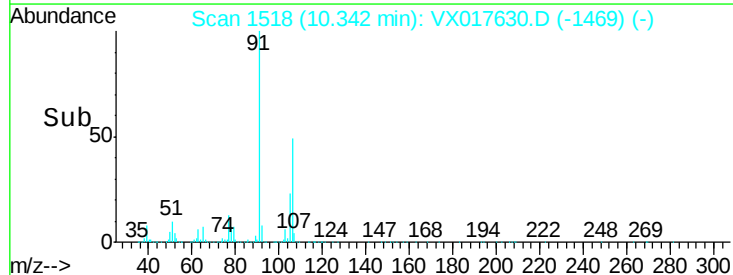
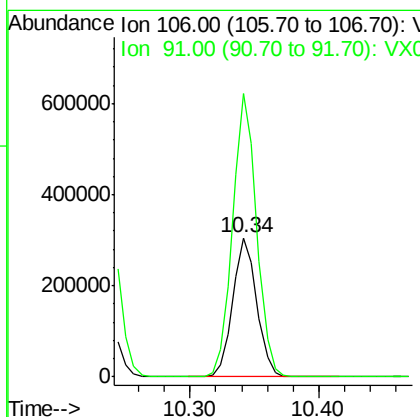
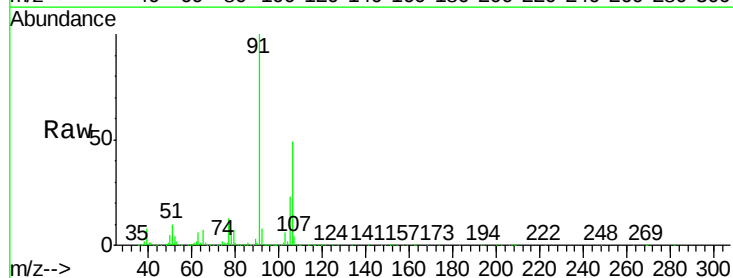
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#68
m/p-Xylenes
Concen: 35.136 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion: 106 Resp: 396345
Ion Ratio Lower Upper
106 100
91 203.9 160.9 241.3





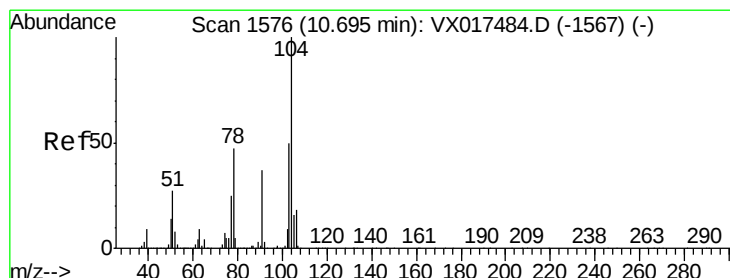
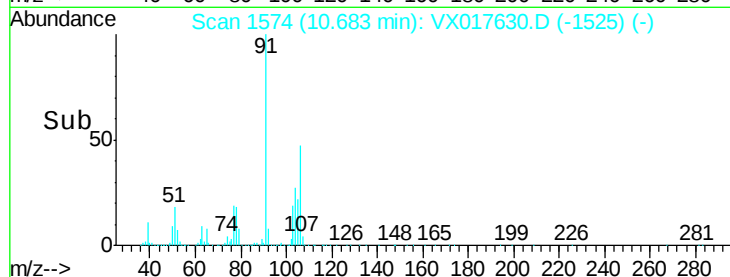
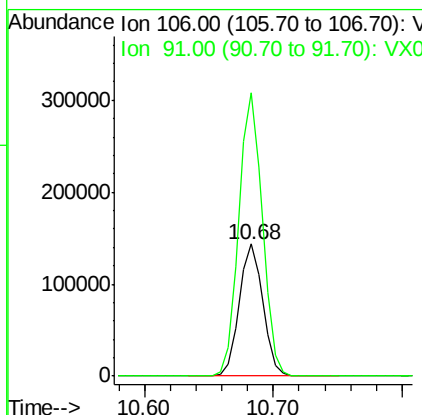
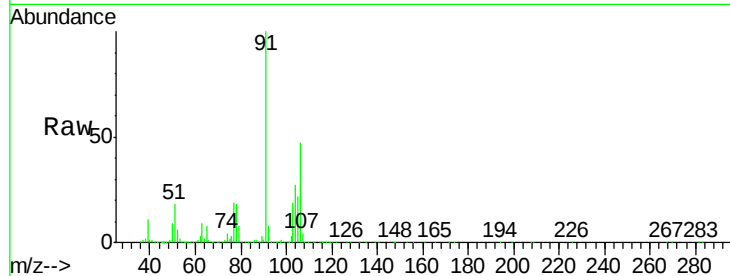
#69
o-Xylene
Concen: 16.806 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.2	108.2	324.6

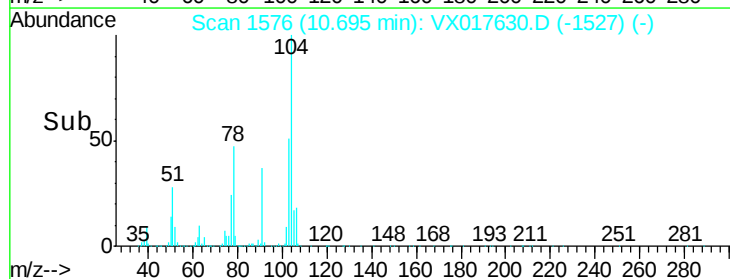
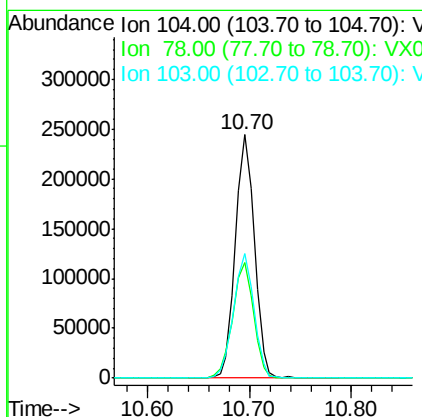
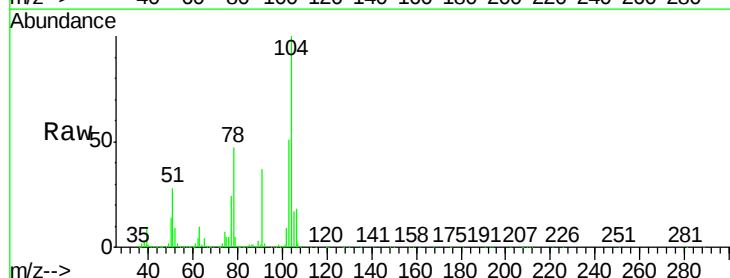
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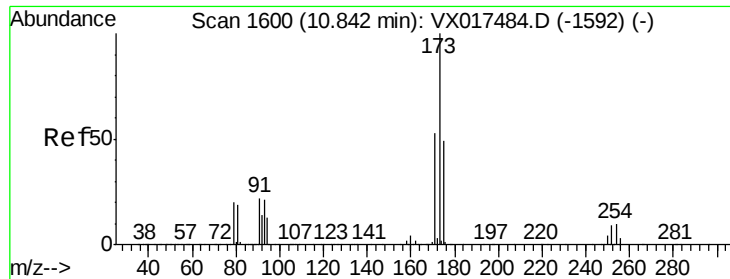
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#70
Styrene
Concen: 17.053 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	42.5	63.7
103	55.3	44.3	66.5





#71

Bromoform

Concen: 16.860 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

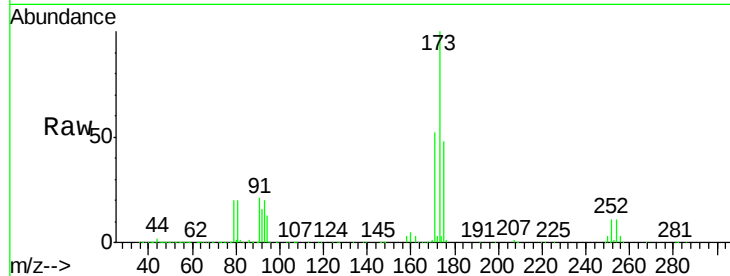
ClientSampleId :

VX0727WBSD02

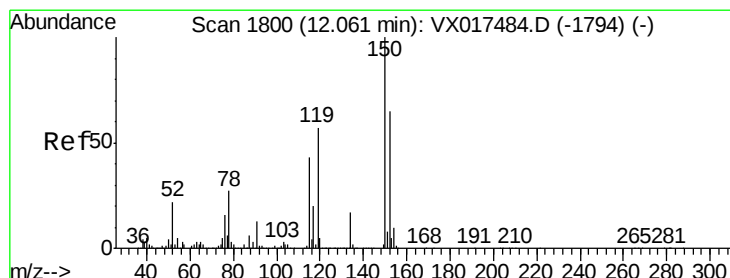
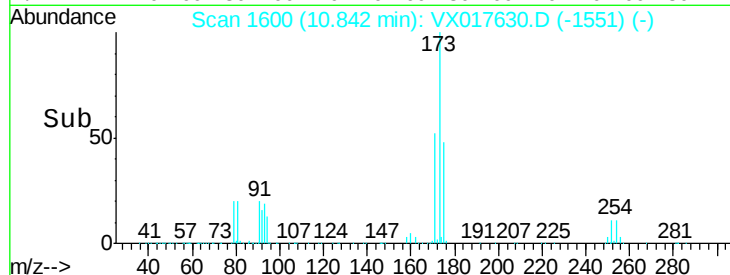
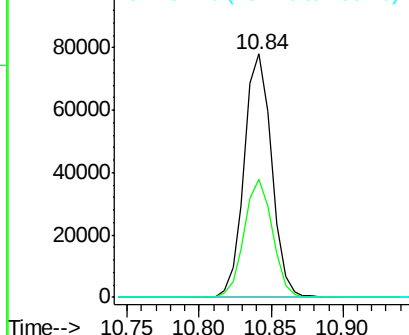
Tot Ion:	173	Resp:	102836
Ion Ratio	Lower	Upper	
173	100		
175	49.7	23.8	71.5
254	0.1	0.1	0.1

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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

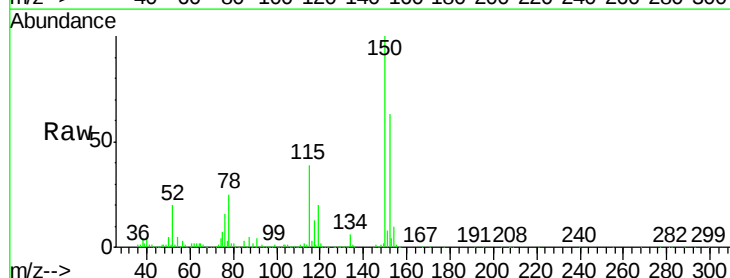
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

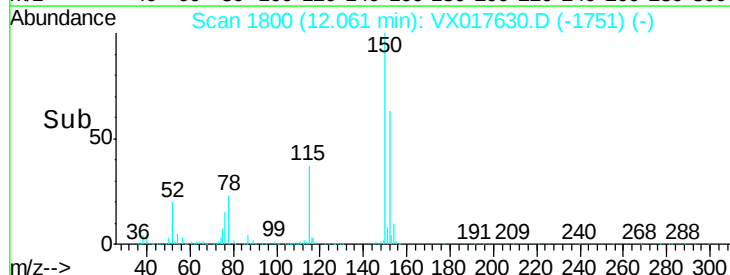
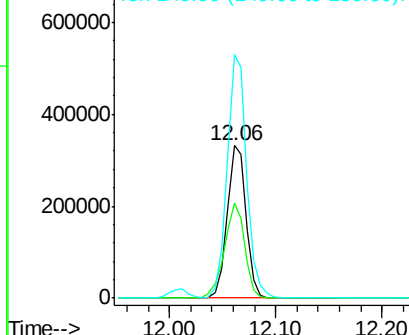
Lab File: VX017630.D

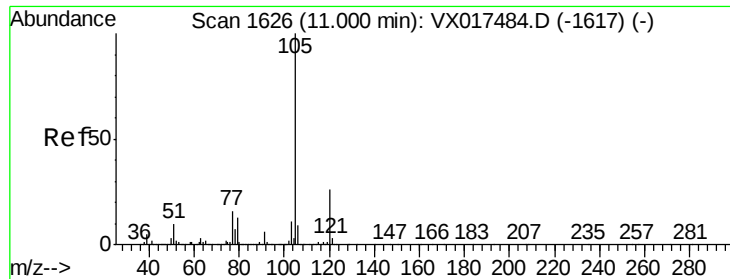
Acq: 27 Jul 2020 20:26

Tgt Ion:	152	Resp:	410471
Ion Ratio	Lower	Upper	
152	100		
115	66.6	65.5	196.6
150	165.0	0.0	412.6



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: 18.023 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 105 Resp: 507508

Ion Ratio Lower Upper

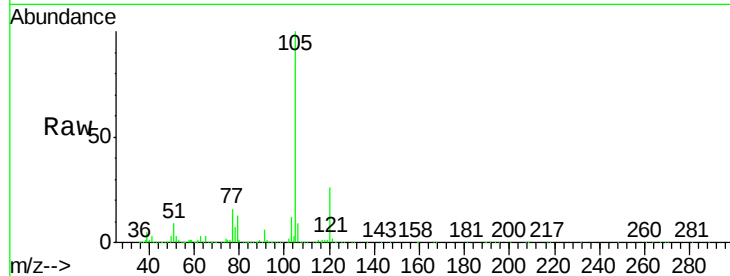
105 100

120 26.6 13.3 39.8

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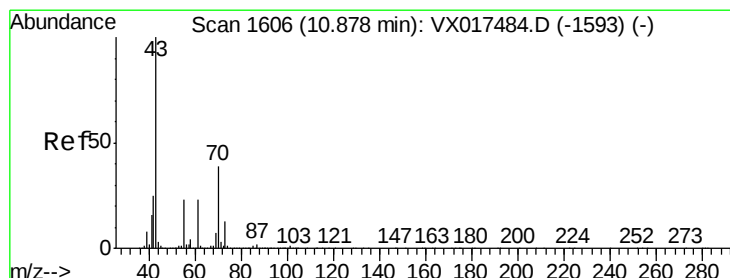
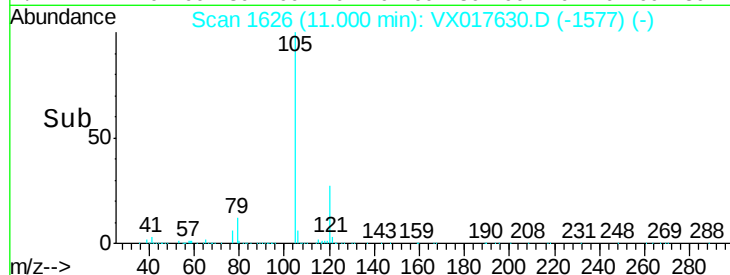
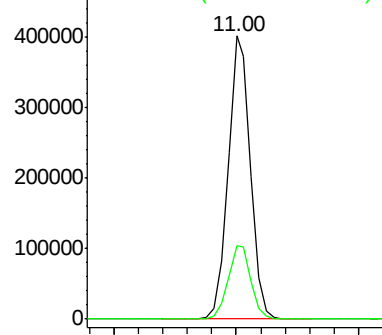
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.302 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion: 43 Resp: 228978

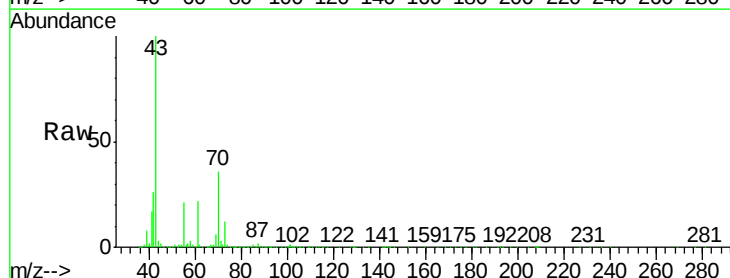
Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 22.6 18.4 27.6

61 23.2 18.6 28.0

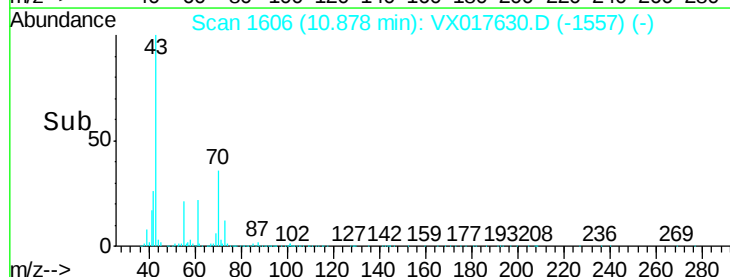
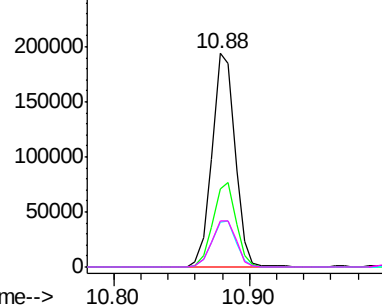


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.676 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 83 Resp: 146570

Ion Ratio Lower Upper

83 100

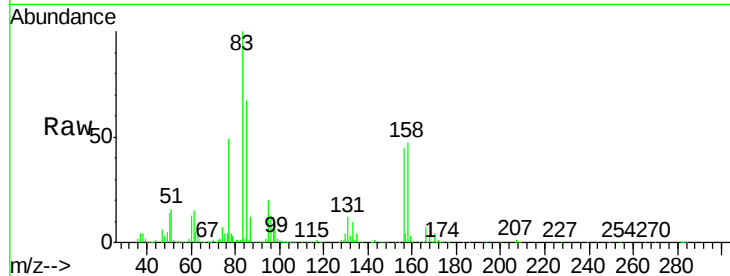
131 12.5 5.5 16.5

85 65.8 32.1 96.3

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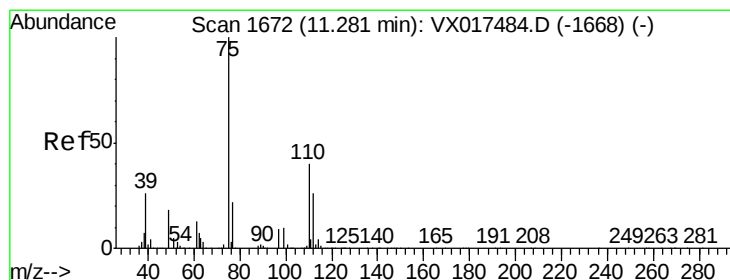
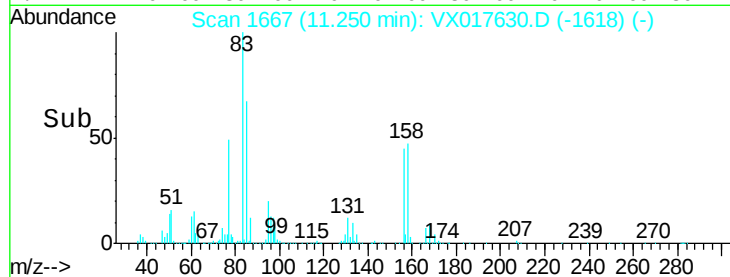
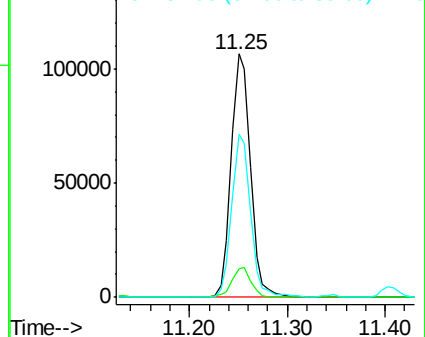
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 17.848 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017630.D

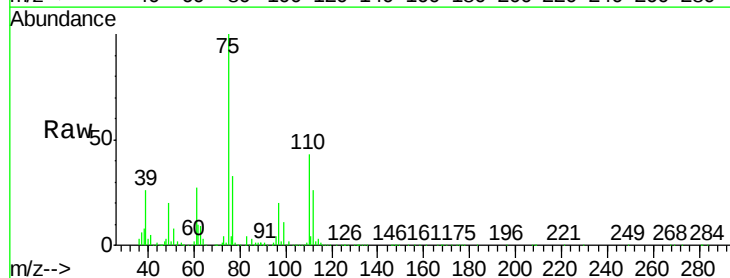
Acq: 27 Jul 2020 20:26

Tgt Ion: 75 Resp: 150702

Ion Ratio Lower Upper

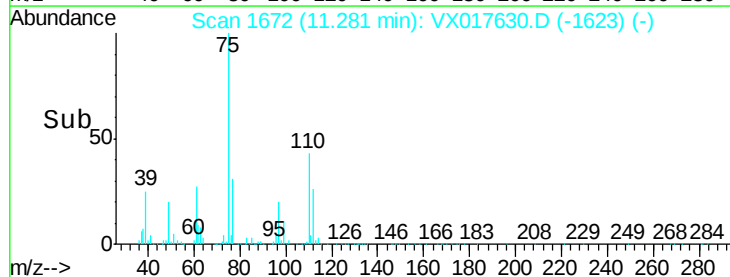
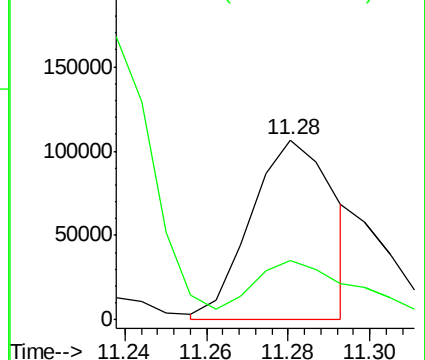
75 100

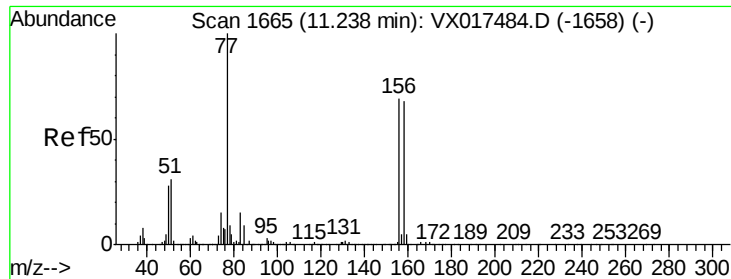
77 40.9 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.324 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

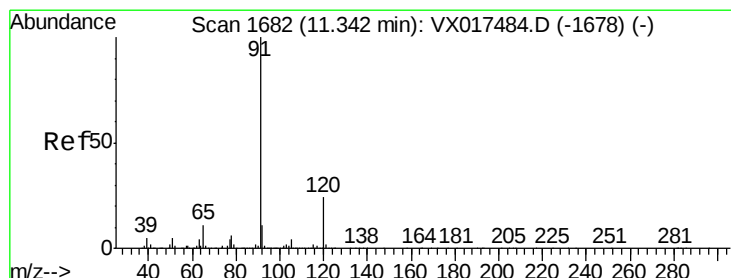
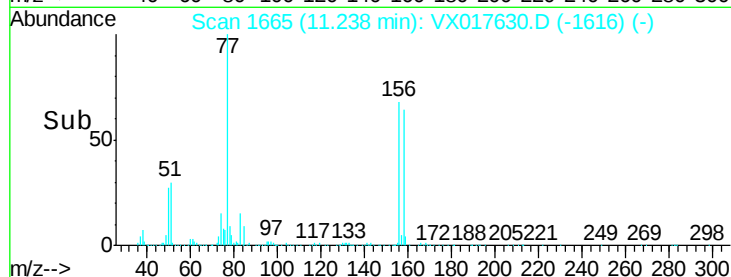
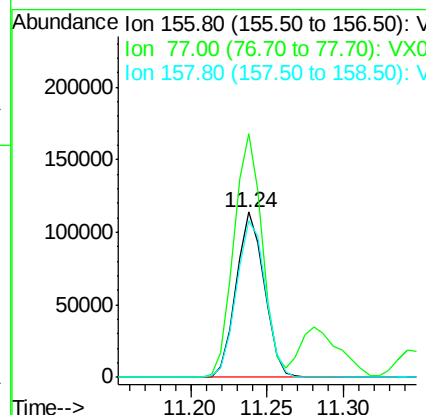
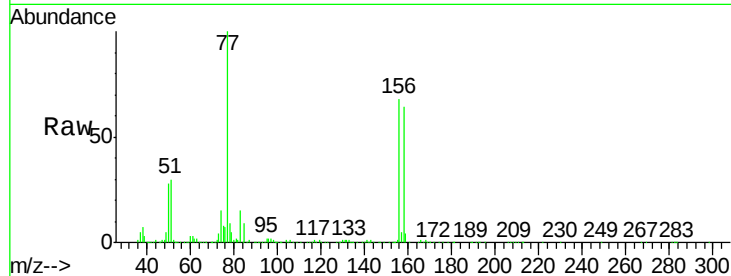
ClientSampleId :

VX0727WBSD02

Tot Ion:	156	Resp:	144448
Ion Ratio	Lower	Upper	
156	100		
77	149.6	75.0	225.0
158	99.1	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.904 ug/l

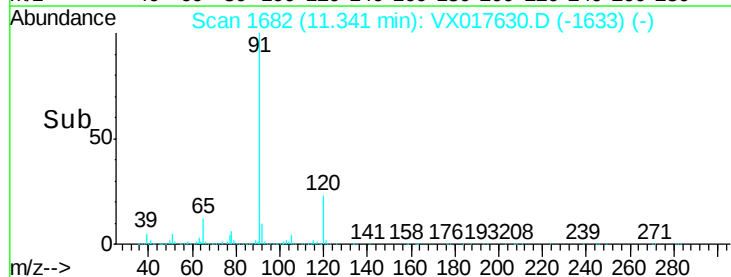
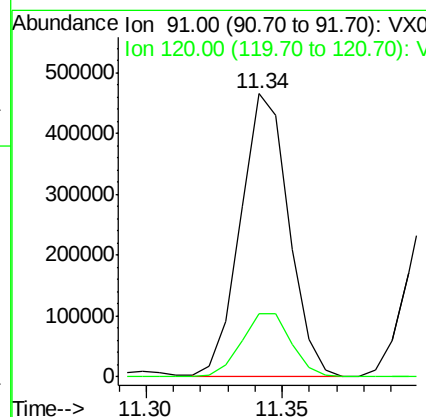
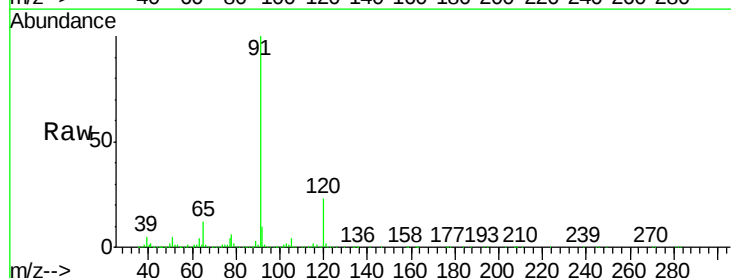
RT: 11.34 min Scan# 1682

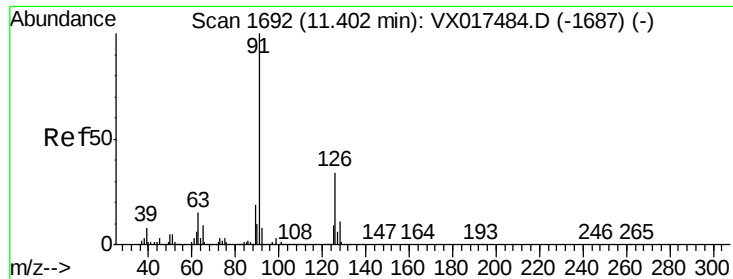
Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion:	91	Resp:	568615
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.2	36.4





#79

2-Chlorotoluene

Concen: 18.132 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD02

Tot Ion: 91 Resp: 356715

Ion Ratio Lower Upper

91 100

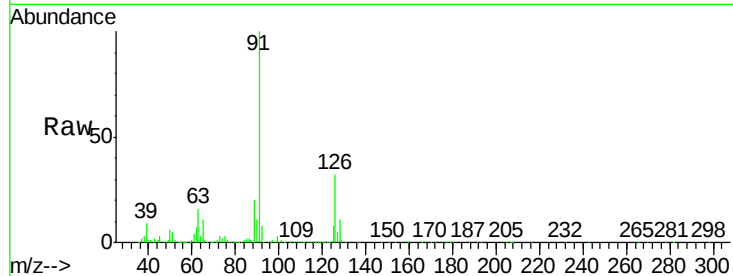
126 35.1 17.5 52.5

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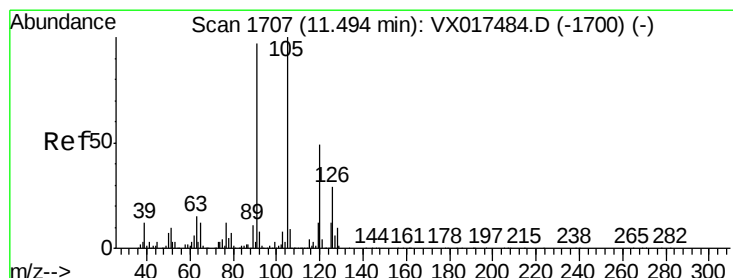
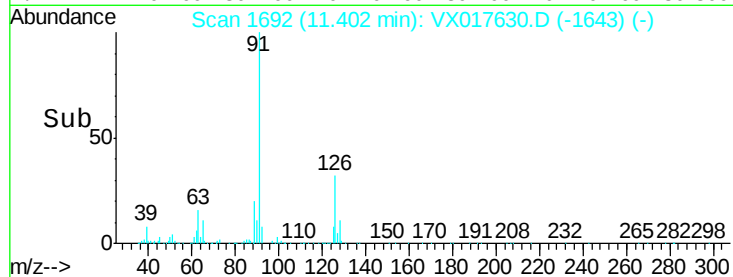
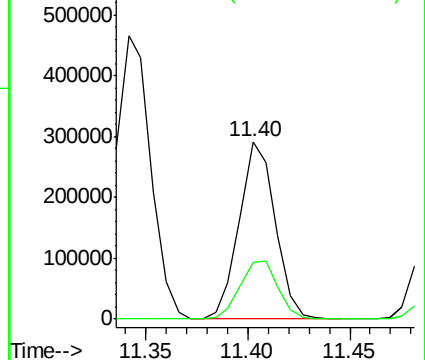
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.394 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017630.D

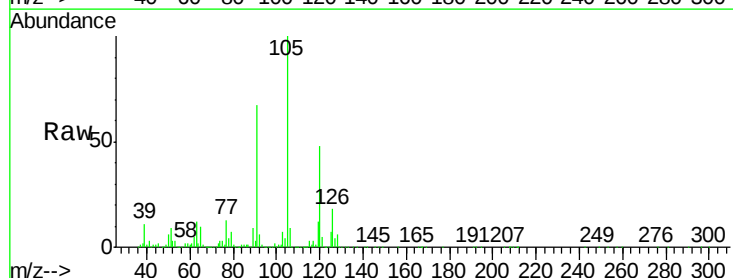
Acq: 27 Jul 2020 20:26

Tgt Ion: 105 Resp: 466278

Ion Ratio Lower Upper

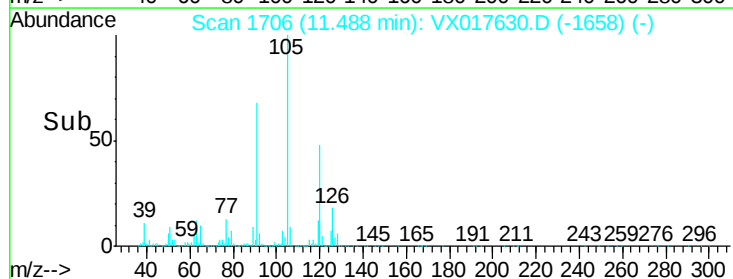
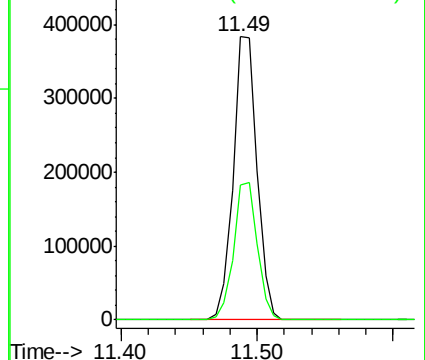
105 100

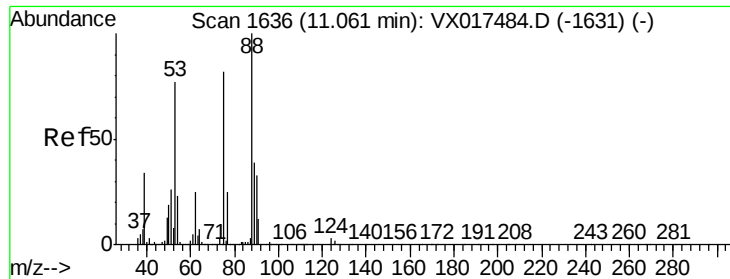
120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





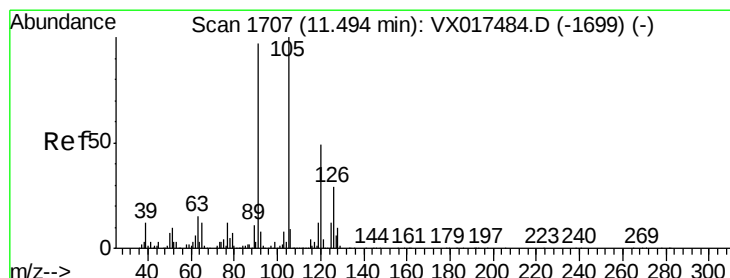
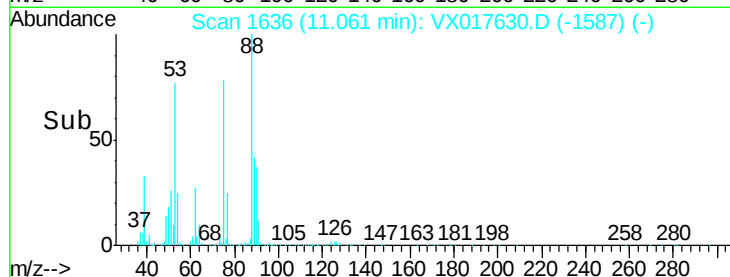
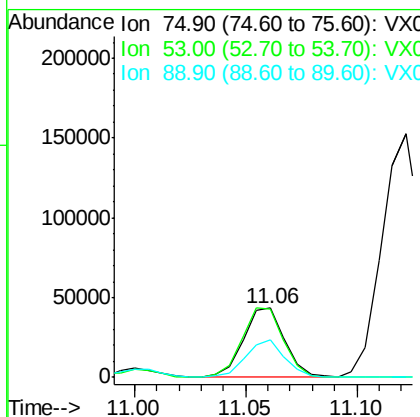
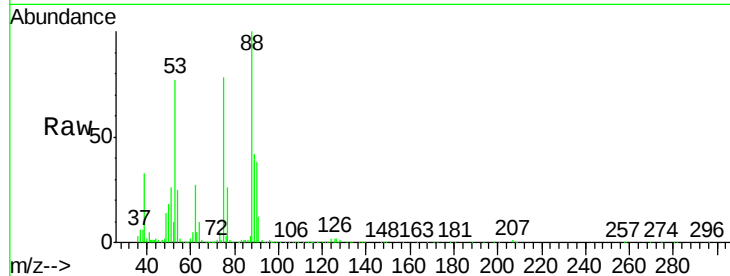
#81
trans-1,4-Dichloro-2-butene
Concen: 16.757 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	75.9	113.9
89	51.5	37.8	56.6

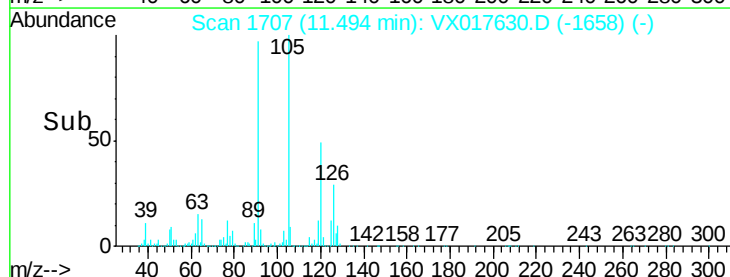
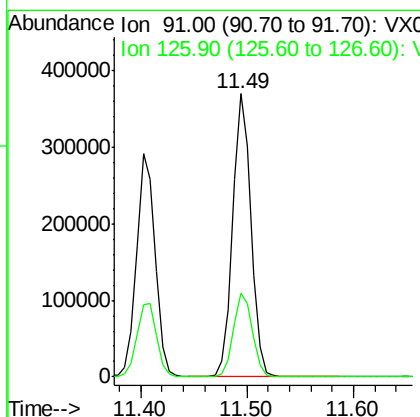
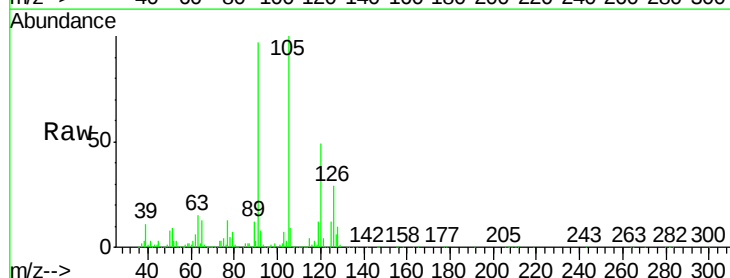
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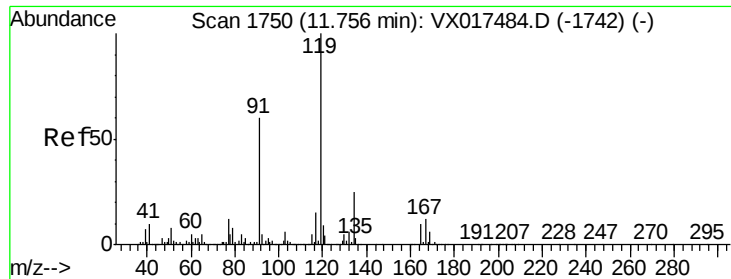
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#82
4-Chlorotoluene
Concen: 19.292 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





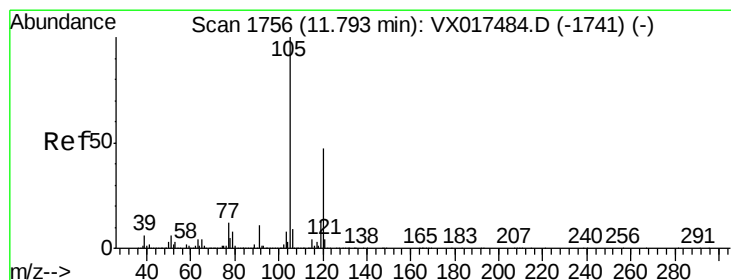
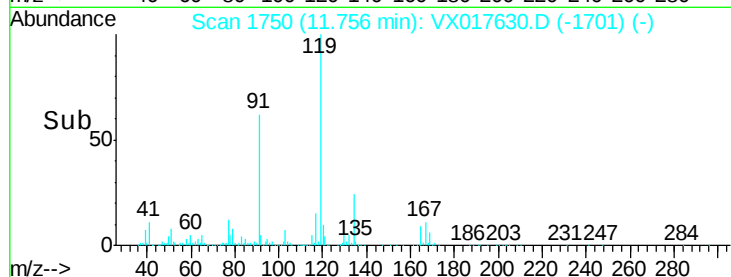
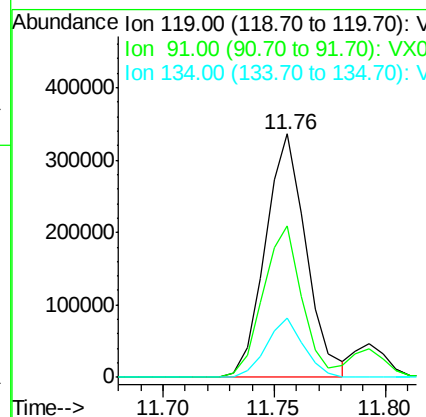
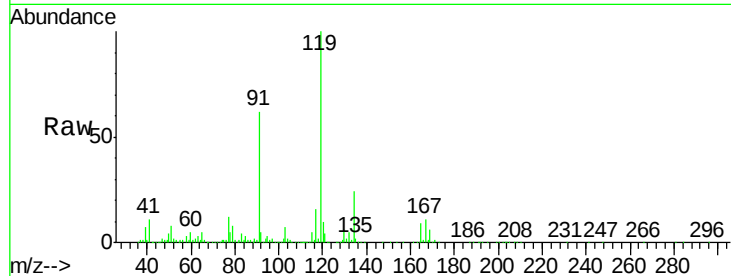
#83
tert-Butylbenzene
Concen: 18.556 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	426890		
91	59.0	29.3	88.0	
134	22.6	11.2	33.6	

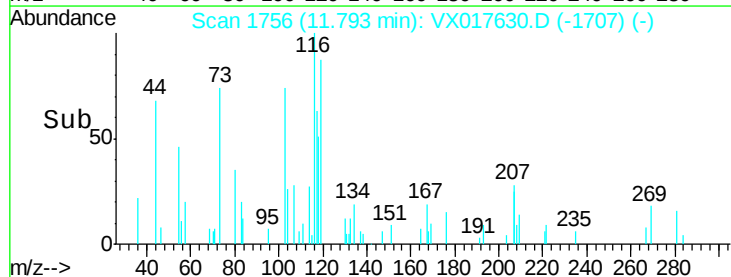
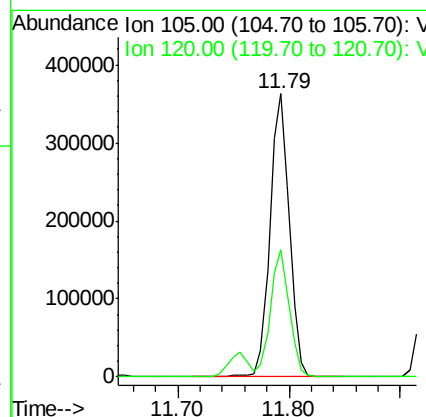
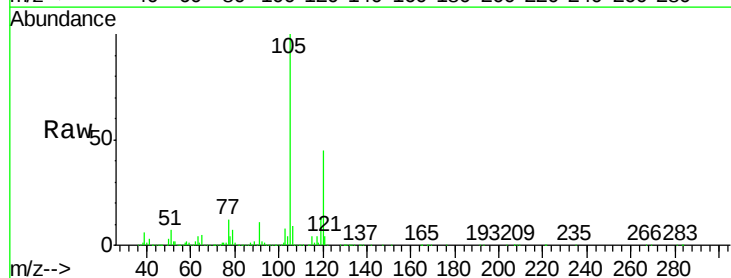
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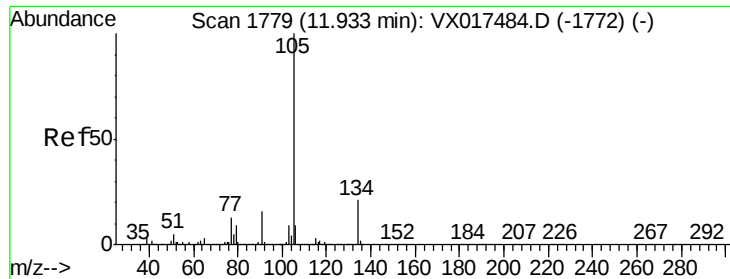
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#84
1,2,4-Trimethylbenzene
Concen: 18.561 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	443860		
120	43.8	22.7	68.0	





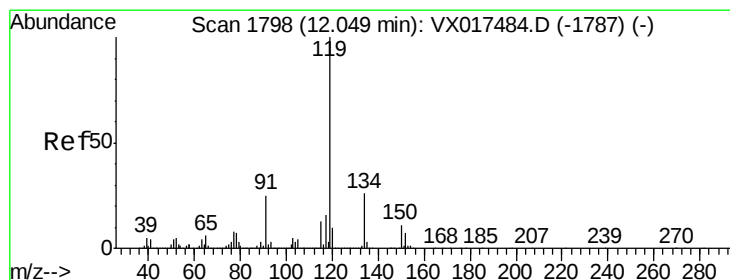
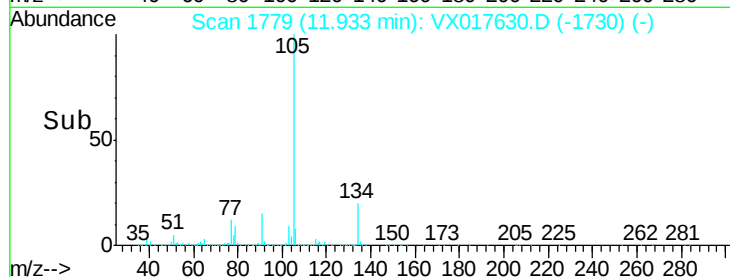
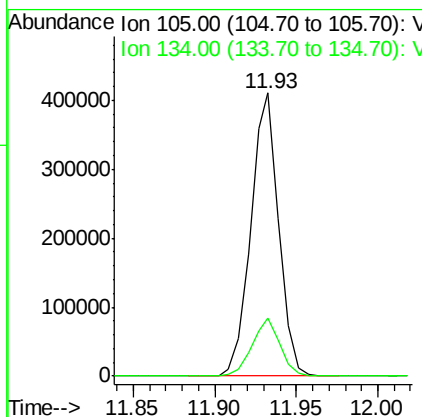
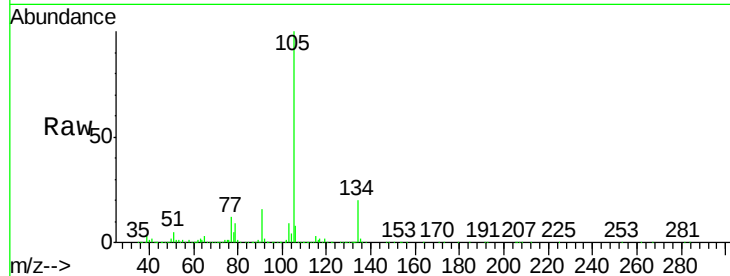
#85
 sec-Butylbenzene
 Concen: 18.160 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.4	31.2

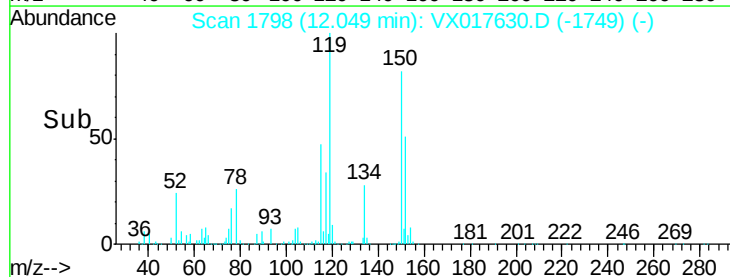
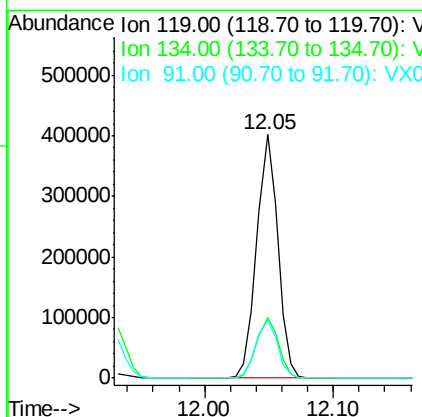
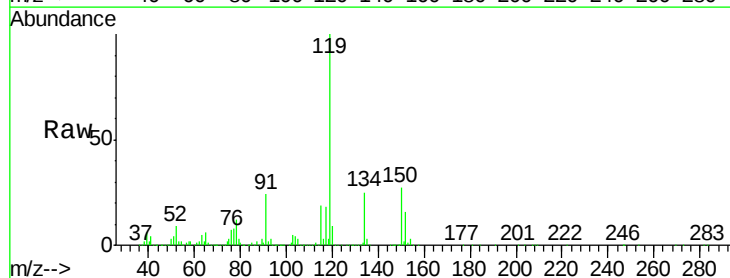
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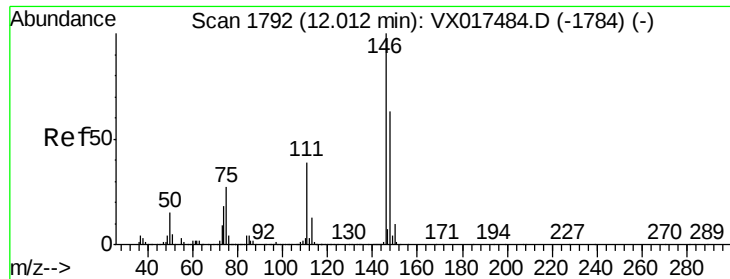
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#86
 p-Isopropyltoluene
 Concen: 17.792 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	24.6	12.1	36.3





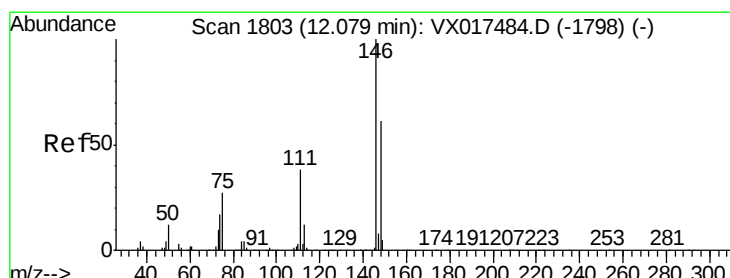
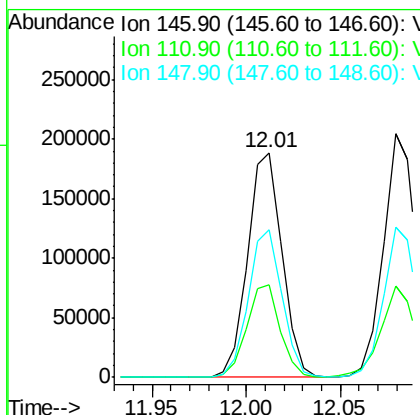
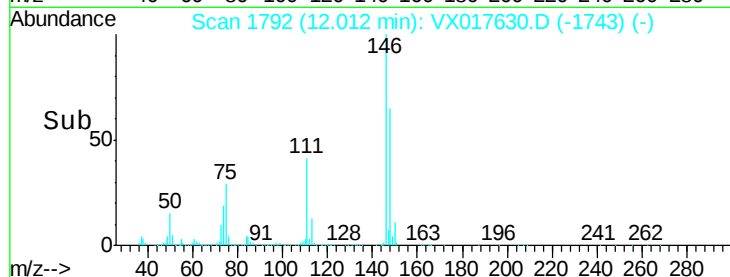
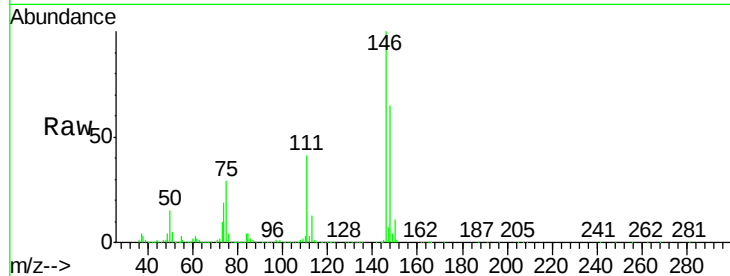
#87
 1,3-Dichlorobenzene
 Concen: 17.641 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	238811		
111	40.2	19.9	59.7	
148	64.2	31.6	95.0	

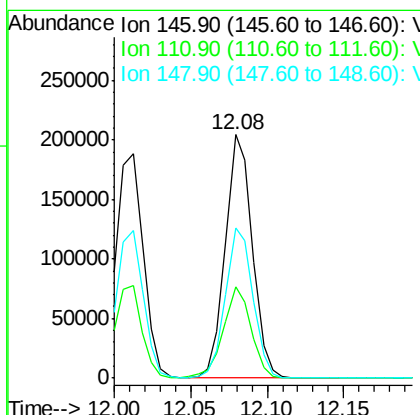
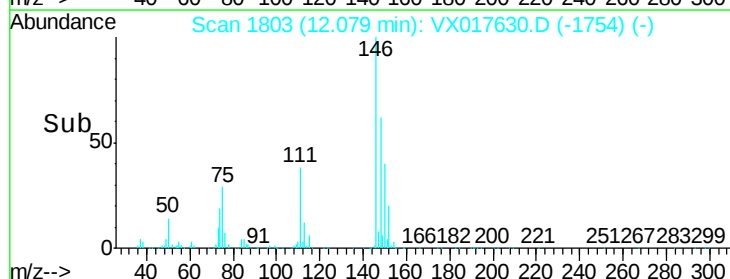
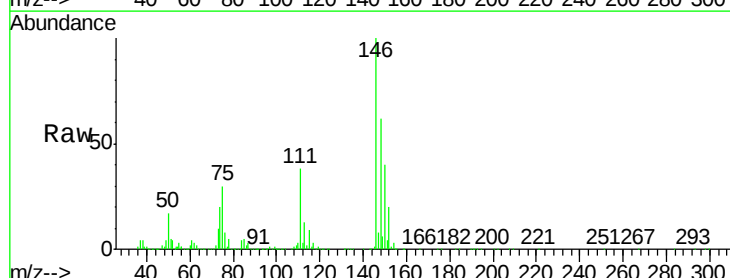
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#88
 1,4-Dichlorobenzene
 Concen: 17.736 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	248696		
111	38.9	19.3	57.8	
148	63.2	32.2	96.6	





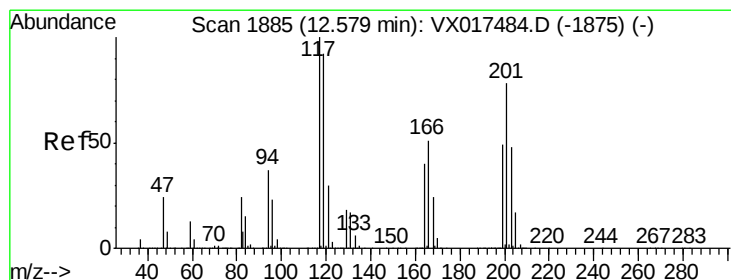
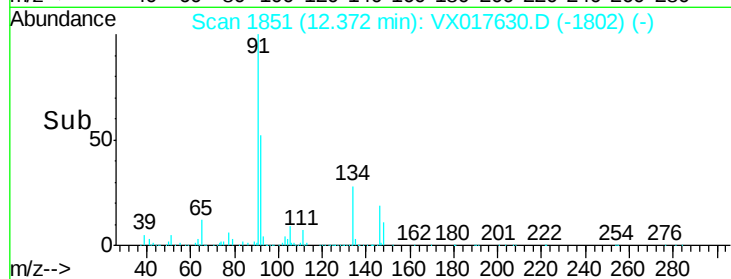
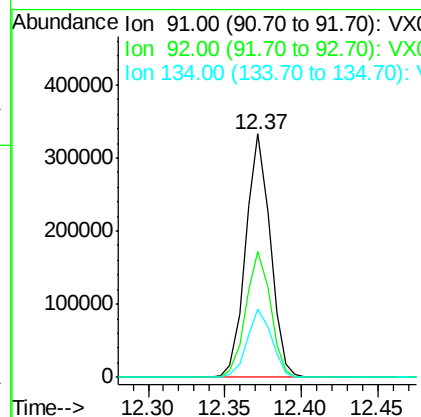
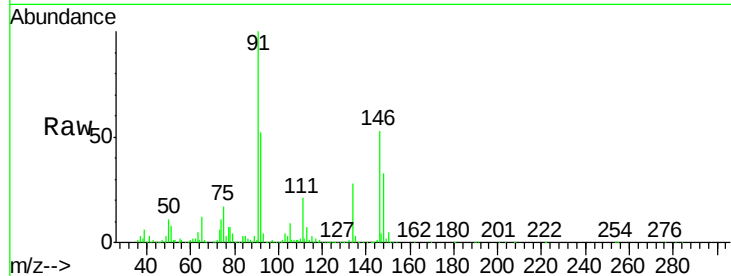
#89
n-Butylbenzene
Concen: 16.252 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.7	80.1
134	27.9	13.6	40.7

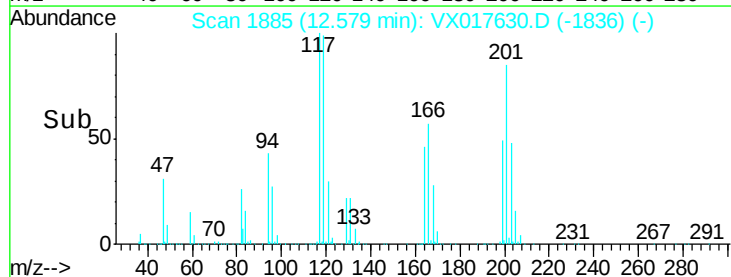
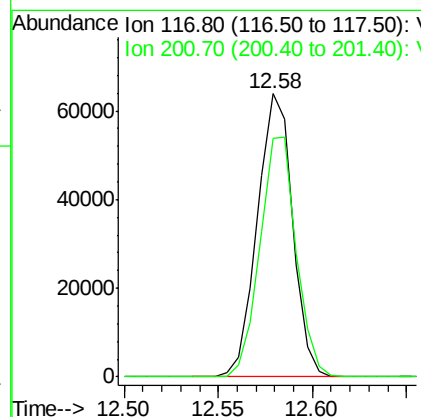
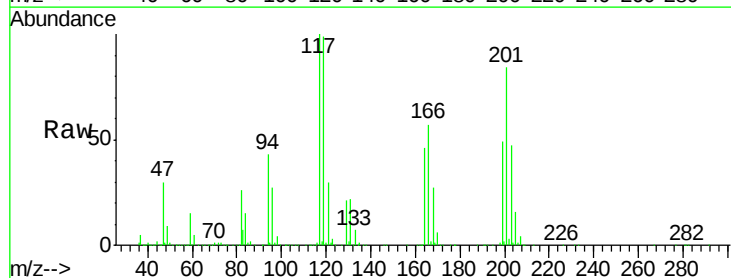
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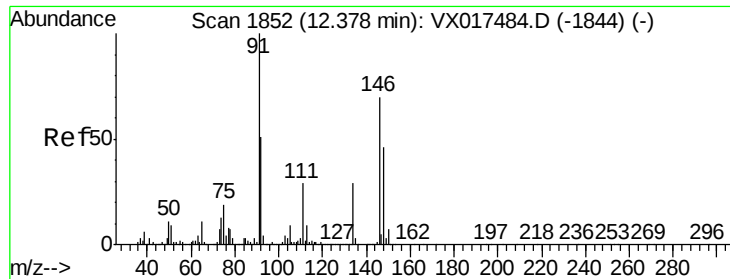
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#90
Hexachloroethane
Concen: 16.450 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 17.641 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Instrument :

MSVOA_X

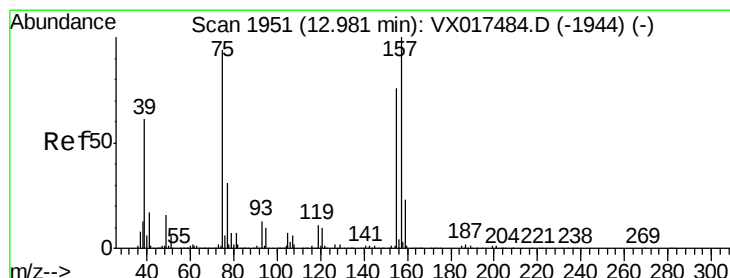
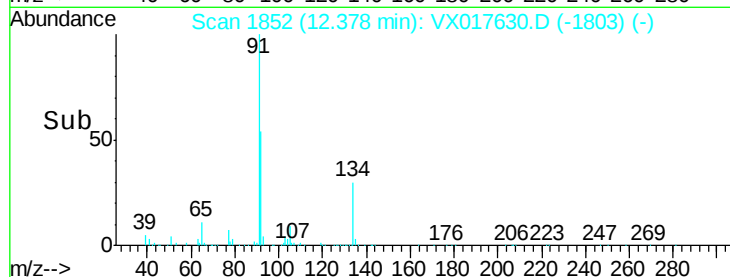
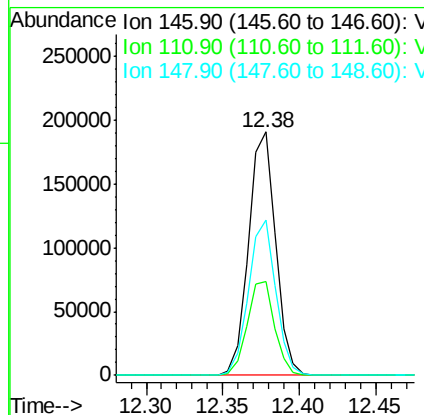
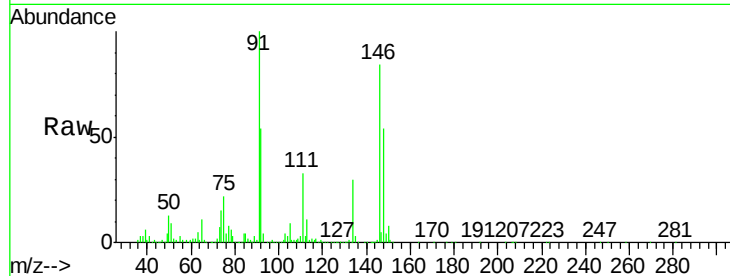
ClientSampleId :

VX0727WBSD02

Tot Ion:	146	Resp:	234717
Ion Ratio	Lower	Upper	
146	100		
111	39.2	20.9	62.8
148	64.4	32.8	98.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.245 ug/l

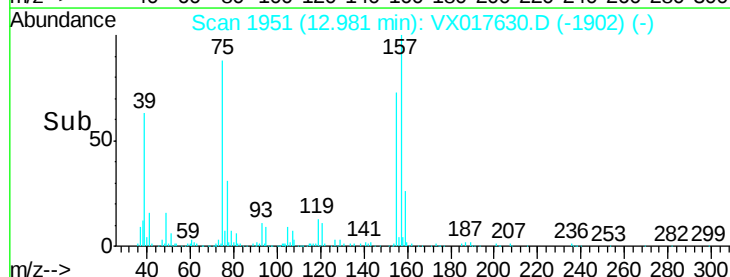
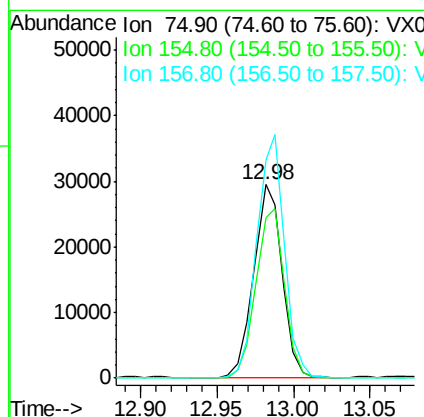
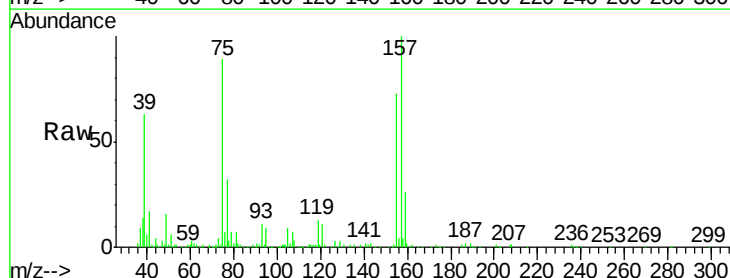
RT: 12.98 min Scan# 1951

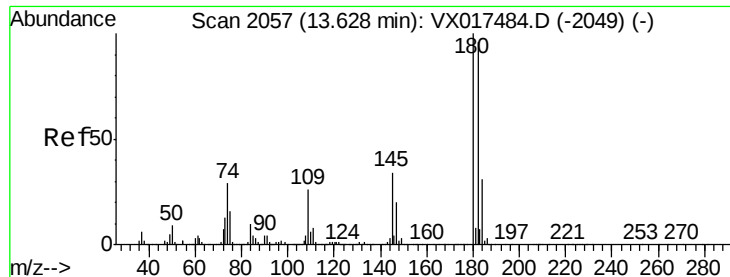
Delta R.T. 0.00 min

Lab File: VX017630.D

Acq: 27 Jul 2020 20:26

Tgt Ion:	75	Resp:	38441
Ion Ratio	Lower	Upper	
75	100		
155	87.6	42.3	126.8
157	121.3	54.3	162.9





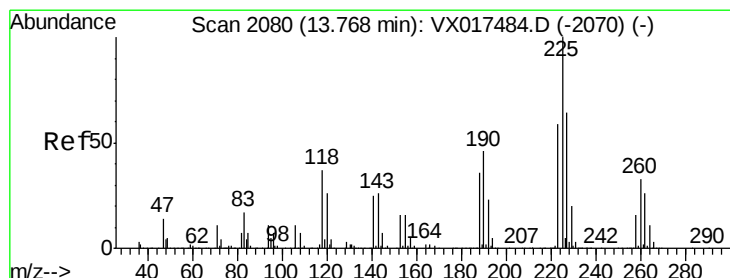
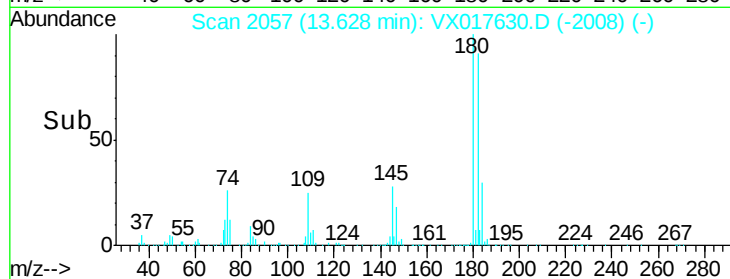
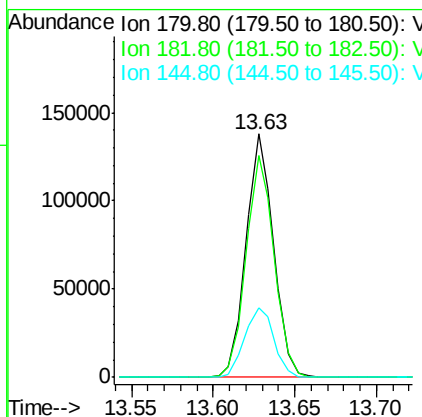
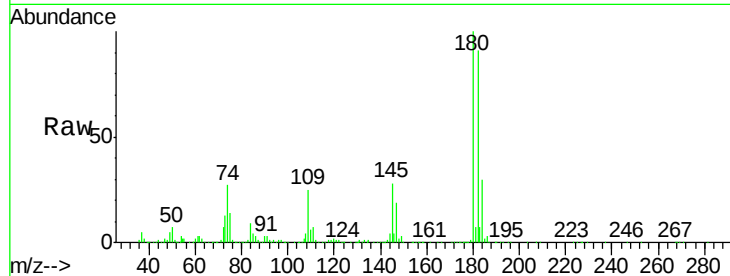
#93
 1,2,4-Trichlorobenzene
 Concen: 17.856 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	162145		
182	93.3	47.5	142.6	
145	30.7	15.4	46.4	

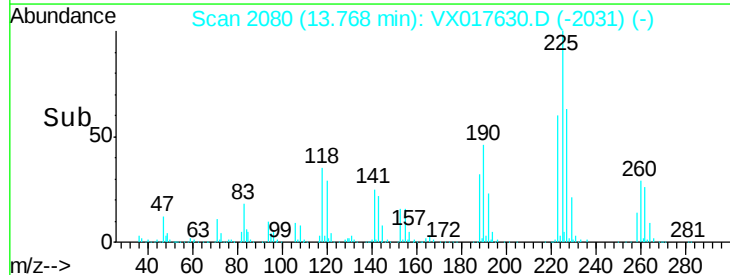
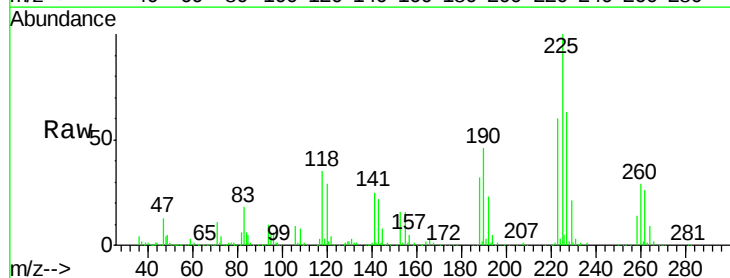
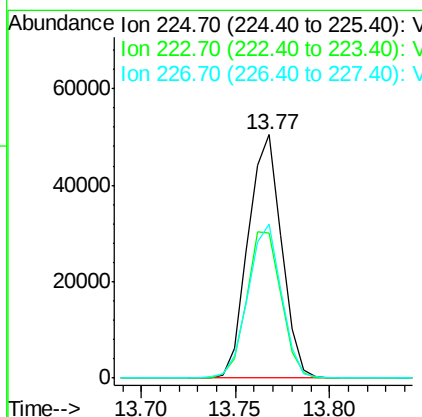
Manual Integrations
 APPROVED

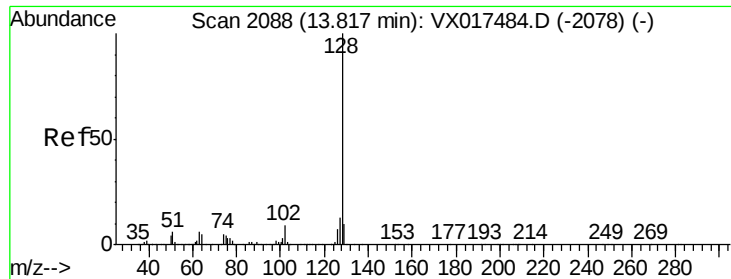
MMDadoda
 7/28/2020 10:08:41 AM



#94
 Hexachlorobutadiene
 Concen: 14.847 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017630.D
 Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62058		
223	62.2	30.3	90.9	
227	63.2	31.1	93.2	





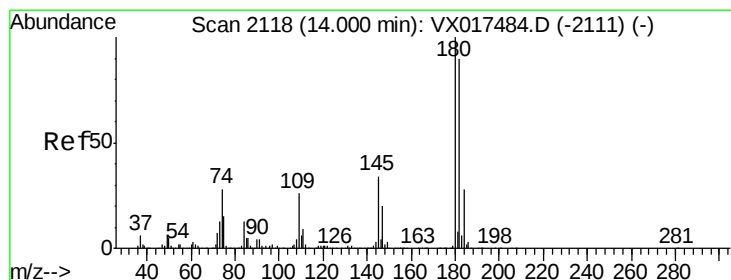
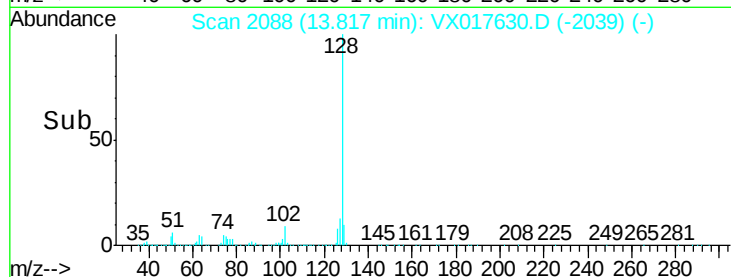
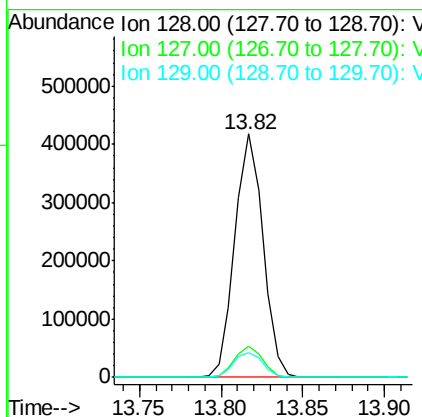
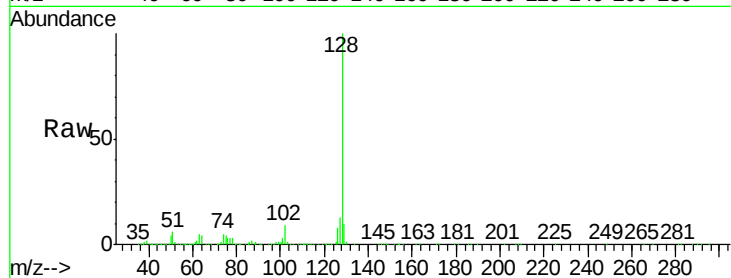
#95
Naphthalene
Concen: 18.628 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.952 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017630.D
Acq: 27 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	33.1	16.3	48.9

