

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018432.D
 Acq On : 16 Sep 2020 11:31
 Operator : JC/SP
 Sample : VX0916WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:18 AM

Quant Time: Sep 16 15:19:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	424469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	639730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	325323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	297963	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	5.46	113	229955	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	8.70	98	805897	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.12	95	316158	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	89417	17.302	ug/l	98
3) Chloromethane	1.31	50	82954	15.225	ug/l	99
4) Vinyl Chloride	1.39	62	89973	16.589	ug/l	96
5) Bromomethane	1.63	94	62657	23.951	ug/l	98
6) Chloroethane	1.72	64	53045	18.209	ug/l	98
7) Trichlorofluoromethane	1.92	101	155769	21.062	ug/l	100
8) Diethyl Ether	2.17	74	48953	19.518	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78475	19.627	ug/l	96
10) Methyl Iodide	2.49	142	76759	21.333	ug/l	96
11) Tert butyl alcohol	3.01	59	95212	83.100	ug/l	98
12) 1,1-Dichloroethene	2.36	96	72767	17.542	ug/l	99
13) Acrolein	2.27	56	32660	68.746	ug/l	93
14) Allyl chloride	2.71	41	134753	18.081	ug/l	97
15) Acrylonitrile	3.11	53	223760	86.094	ug/l	99
16) Acetone	2.42	43	205823	89.638	ug/l	92
17) Carbon Disulfide	2.55	76	190963	15.229	ug/l	98
18) Methyl Acetate	2.75	43	119674	21.598	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	274137	19.270	ug/l	98
20) Methylene Chloride	2.84	84	88470	18.099	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	82740	18.004	ug/l	97
22) Diisopropyl ether	3.82	45	280909	19.098	ug/l	# 83
23) Vinyl Acetate	3.78	43	1167952	89.236	ug/l	99
24) 1,1-Dichloroethane	3.67	63	160296	19.144	ug/l	97
25) 2-Butanone	4.63	43	311479	82.540	ug/l	99
26) 2,2-Dichloropropane	4.55	77	151080	22.176	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	94094	17.770	ug/l	98
28) Bromochloromethane	4.98	49	74977	18.551	ug/l	98
29) Tetrahydrofuran	5.09	42	196827	81.935	ug/l	97
30) Chloroform	5.17	83	168528	19.438	ug/l	94
31) Cyclohexane	5.55	56	119203	16.901	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	154798	19.456	ug/l	97
36) 1,1-Dichloropropene	5.76	75	117558	19.923	ug/l	99
37) Ethyl Acetate	4.79	43	123971	18.090	ug/l	98
38) Carbon Tetrachloride	5.75	117	141910	21.341	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0916WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:18 AM

Quant Time: Sep 16 15:19:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	121693	18.861	ug/l	99
40) Benzene	6.10	78	333852	19.255	ug/l	99
41) Methacrylonitrile	5.00	41	65687	17.457	ug/l	94
42) 1,2-Dichloroethane	6.16	62	140950	21.218	ug/l	98
43) Isopropyl Acetate	6.41	43	203258	18.363	ug/l	99
44) Trichloroethene	7.19	130	95961	19.588	ug/l	99
45) 1,2-Dichloropropane	7.49	63	89614	19.177	ug/l	99
46) Dibromomethane	7.63	93	64711	19.693	ug/l	100
47) Bromodichloromethane	7.87	83	138044	21.039	ug/l	96
48) Methyl methacrylate	7.74	41	98448	17.866	ug/l	97
49) 1,4-Dioxane	7.71	88	33498	335.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	633494	92.651	ug/l	99
52) Toluene	8.76	92	218100	19.838	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	144908	19.927	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	155399	20.173	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	91024	19.413	ug/l	96
56) Ethyl methacrylate	9.16	69	127198	18.248	ug/l	95
57) 1,3-Dichloropropane	9.35	76	152185	19.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	332611	106.074	ug/l	98
59) 2-Hexanone	9.47	43	471571	90.703	ug/l	99
60) Dibromochloromethane	9.56	129	110888	20.160	ug/l	98
61) 1,2-Dibromoethane	9.65	107	99052	19.458	ug/l	99
64) Tetrachloroethene	9.32	164	91569	20.640	ug/l	88
65) Chlorobenzene	10.12	112	239192	19.838	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	101106	21.276	ug/l	98
67) Ethyl Benzene	10.23	91	409837	19.988	ug/l	99
68) m/p-Xylenes	10.34	106	308954	40.369	ug/l	96
69) o-Xylene	10.68	106	145757	19.646	ug/l	96
70) Styrene	10.70	104	251326	19.892	ug/l	97
71) Bromoform	10.84	173	81520	20.111	ug/l #	99
73) Isopropylbenzene	11.00	105	410863	19.147	ug/l	99
74) N-amyl acetate	10.88	43	171567	16.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	134193	17.727	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	132787m	18.349	ug/l	
77) Bromobenzene	11.24	156	110202	18.579	ug/l	97
78) n-propylbenzene	11.34	91	478583	19.642	ug/l	98
79) 2-Chlorotoluene	11.40	91	292070	19.402	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	353955	20.073	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	47588	17.760	ug/l	96
82) 4-Chlorotoluene	11.49	91	347330	19.409	ug/l	100
83) tert-Butylbenzene	11.76	119	340356	19.558	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	357561	19.833	ug/l	99
85) sec-Butylbenzene	11.93	105	397105	20.066	ug/l	100
86) p-Isopropyltoluene	12.05	119	373814	20.564	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	197725	18.986	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	201174	19.293	ug/l	99
89) n-Butylbenzene	12.37	91	334701	20.173	ug/l	98
90) Hexachloroethane	12.58	117	75153	21.013	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	188683	19.247	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33265	17.575	ug/l	96

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

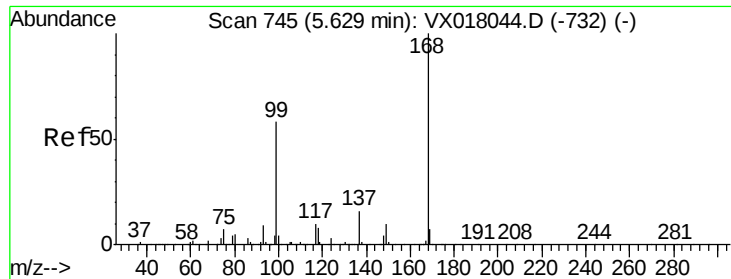
Manual Integrations
APPROVED

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9/17/2020 11:27:18 AM

Quant Time: Sep 16 15:19:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	124481	19.042	ug/l	98
94) Hexachlorobutadiene	13.77	225	57107	22.148	ug/l	98
95) Naphthalene	13.82	128	379657	17.647	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127178	19.689	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion:168 Resp: 424469

Ion Ratio Lower Upper

168 100

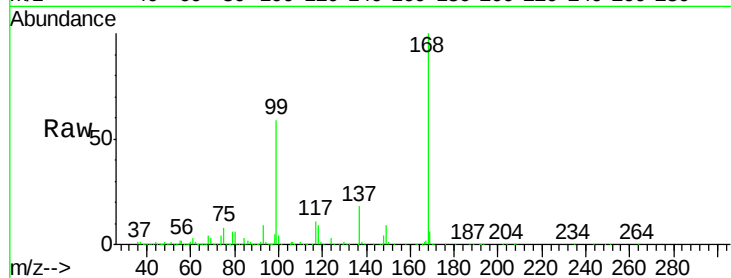
99 58.3 46.3 69.5

Manual Integrations

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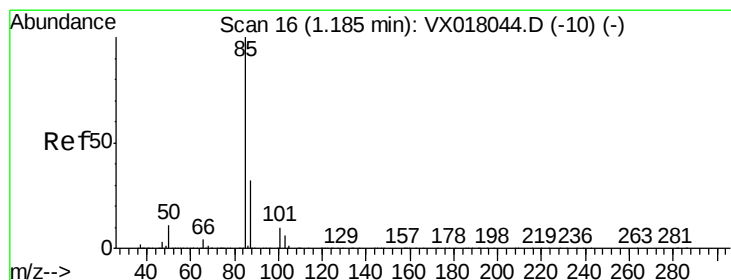
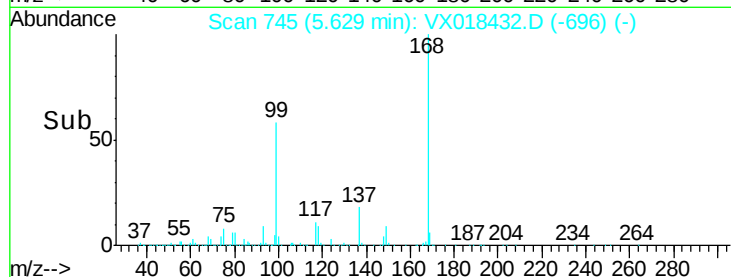
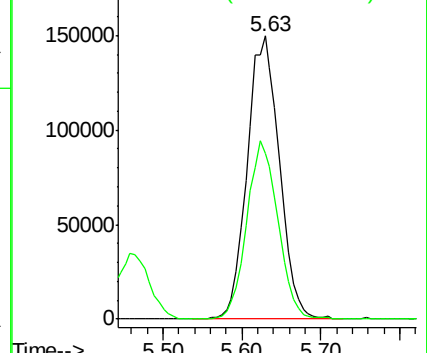
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.302 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018432.D

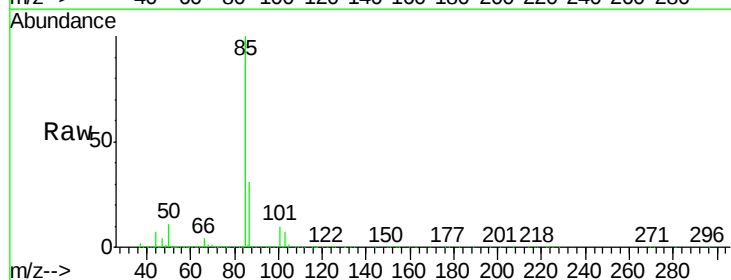
Acq: 16 Sep 2020 11:31

Tgt Ion: 85 Resp: 89417

Ion Ratio Lower Upper

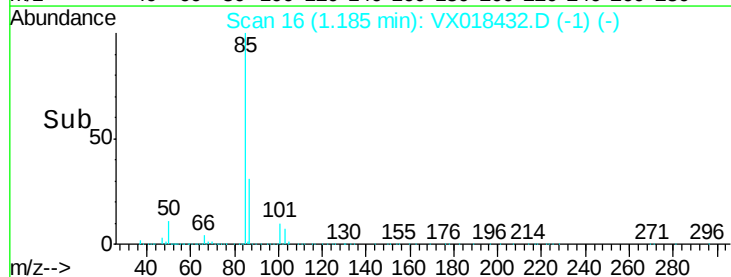
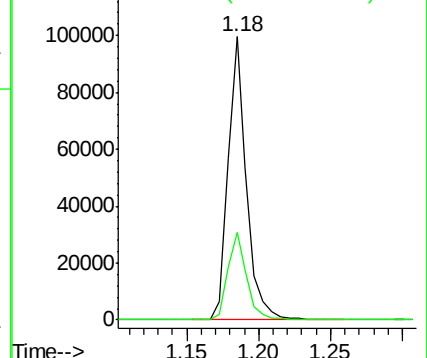
85 100

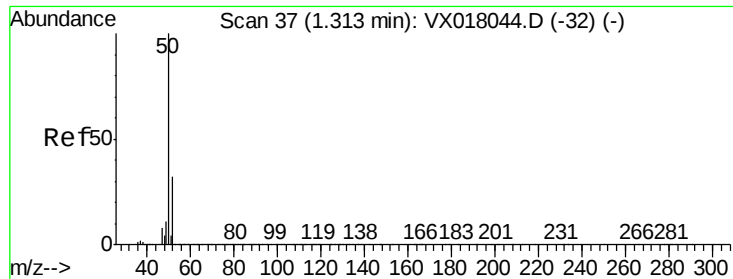
87 30.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





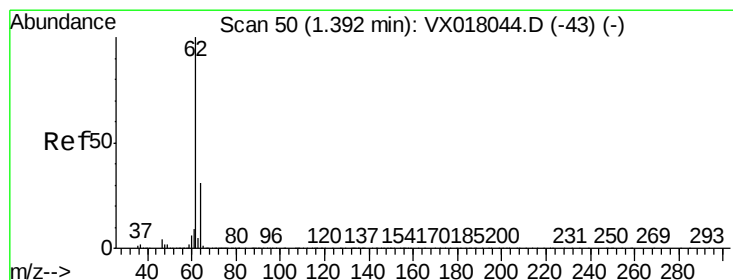
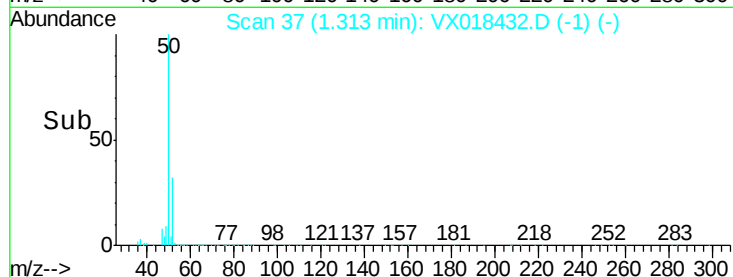
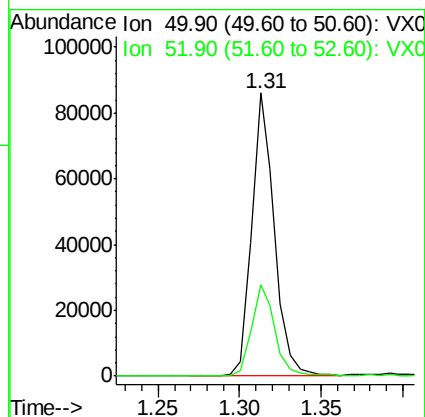
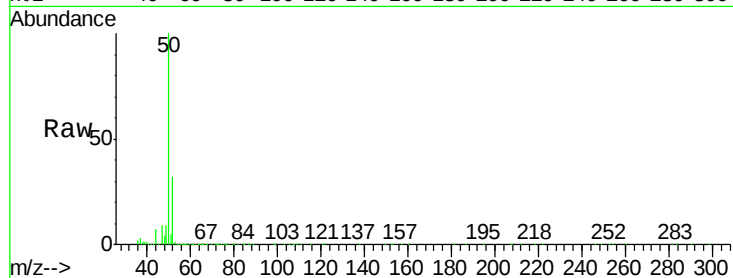
#3
Chloromethane
Concen: 15.225 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion: 50 Resp: 82954
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

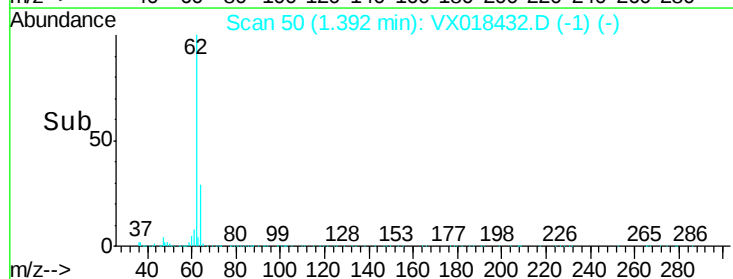
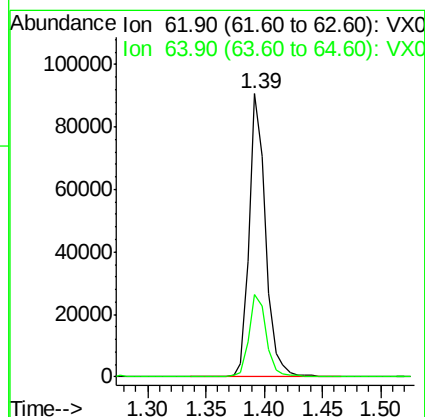
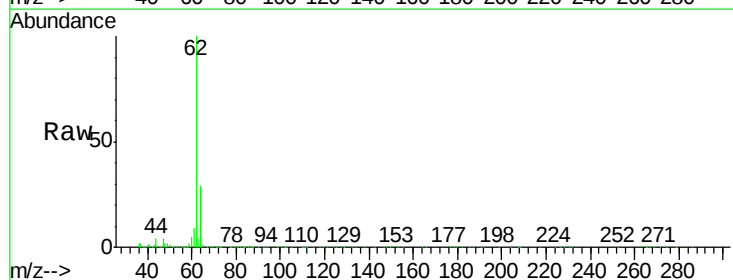
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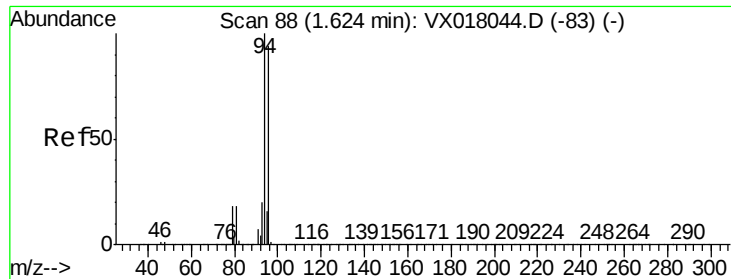
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#4
Vinyl Chloride
Concen: 16.589 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 62 Resp: 89973
Ion Ratio Lower Upper
62 100
64 29.2 25.1 37.7





#5

Bromomethane

Concen: 23.951 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 94 Resp: 62657

Ion Ratio Lower Upper

94 100

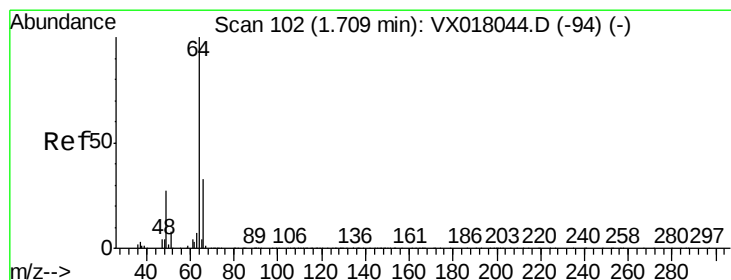
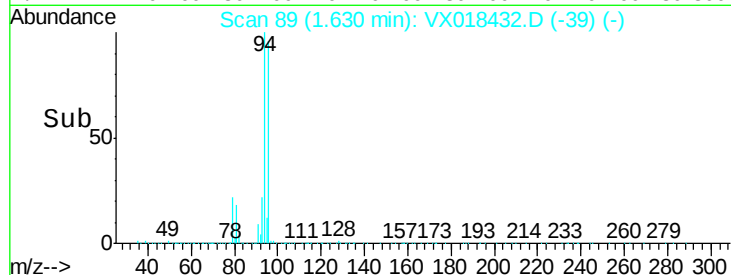
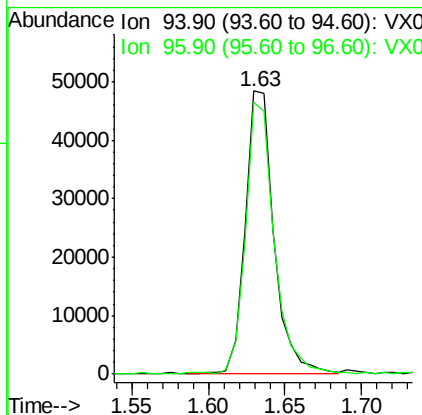
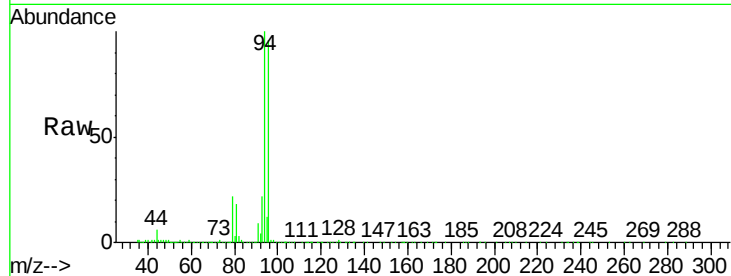
96 95.6 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 18.209 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018432.D

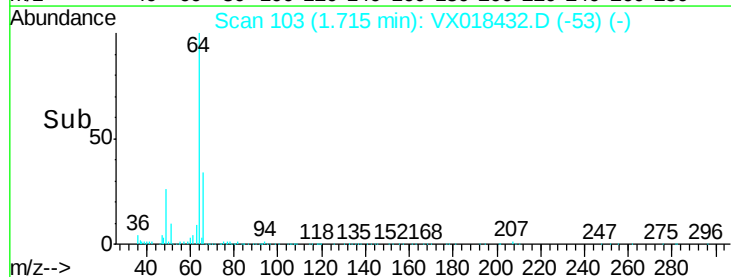
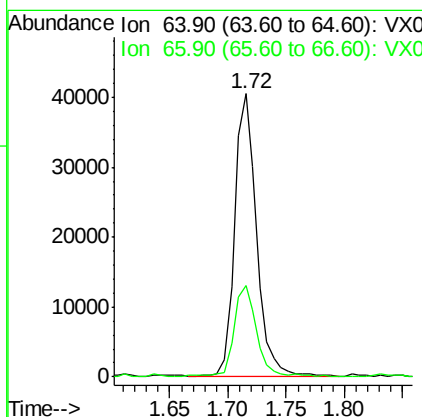
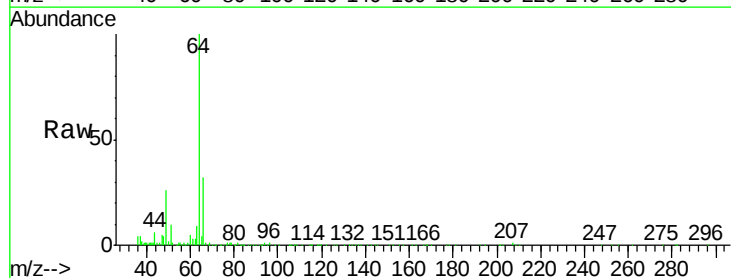
Acq: 16 Sep 2020 11:31

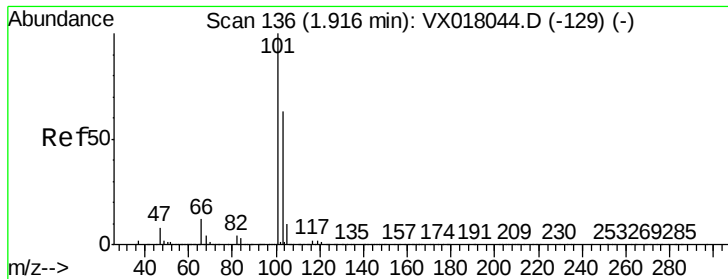
Tgt Ion: 64 Resp: 53045

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8





#7

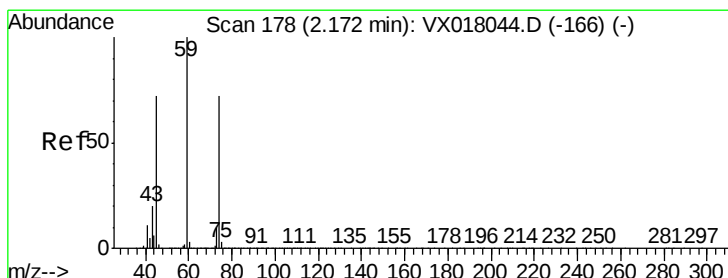
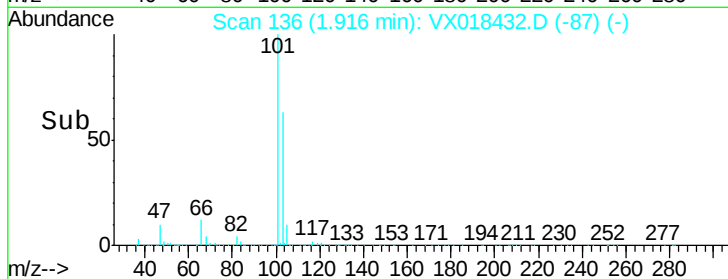
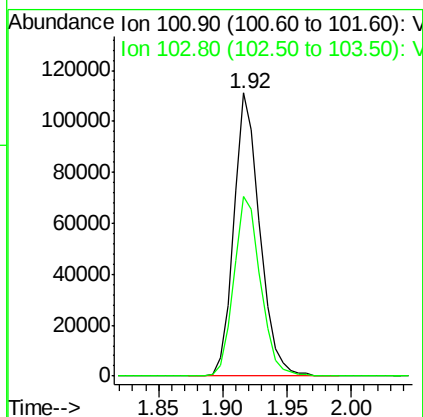
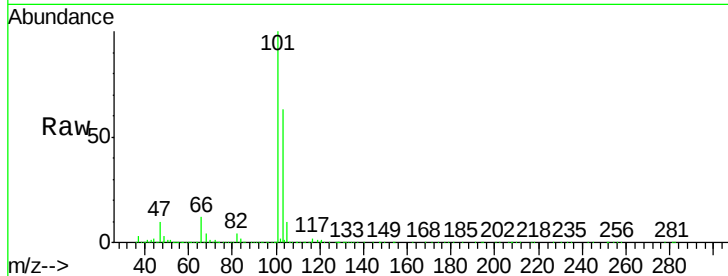
Trichlorofluoromethane
Concen: 21.062 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.7	76.1

Manual Integrations
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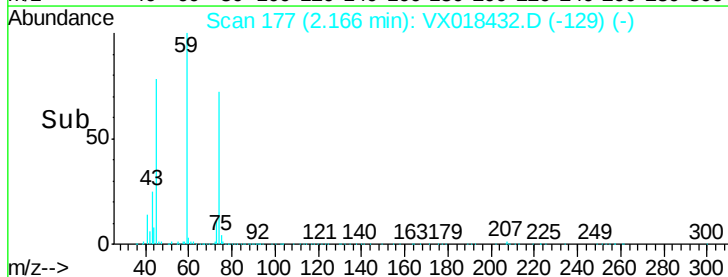
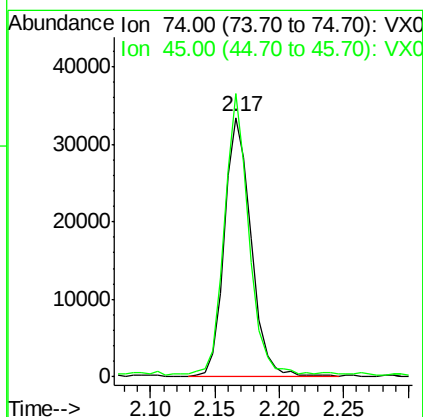
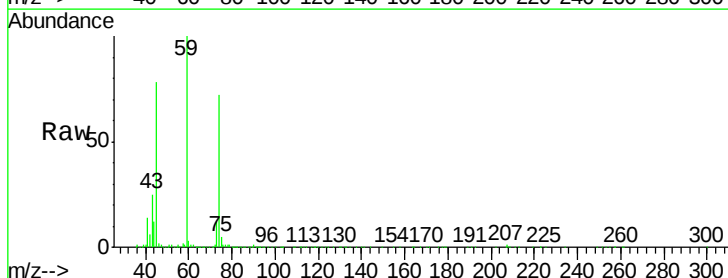
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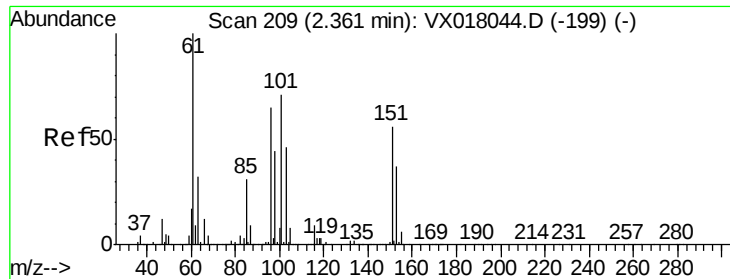


#8

Diethyl Ether
Concen: 19.518 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.627 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

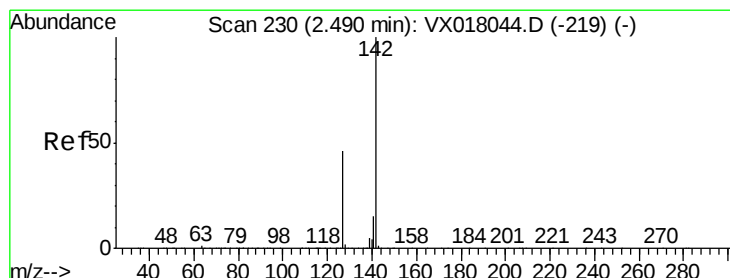
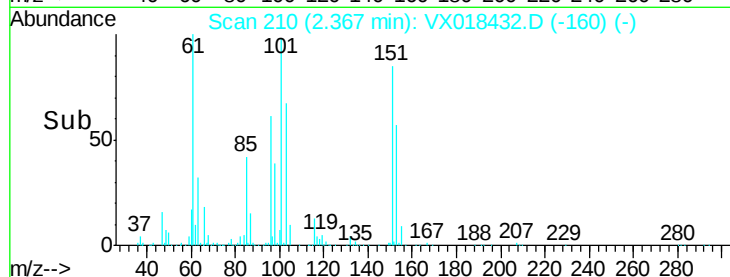
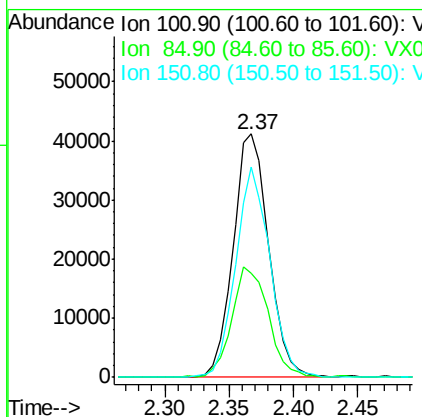
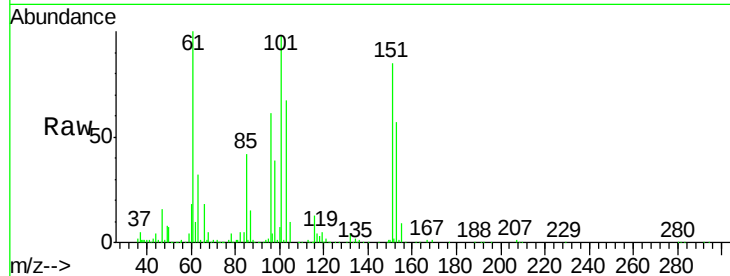
ClientSampleId :

VX0916WBS01

Tot Ion:	101	Resp:	78475
Ion Ratio	Lower	Upper	
101	100		
85	47.4	34.0	51.0
151	83.7	65.2	97.8

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#10

Methyl Iodide

Concen: 21.333 ug/l

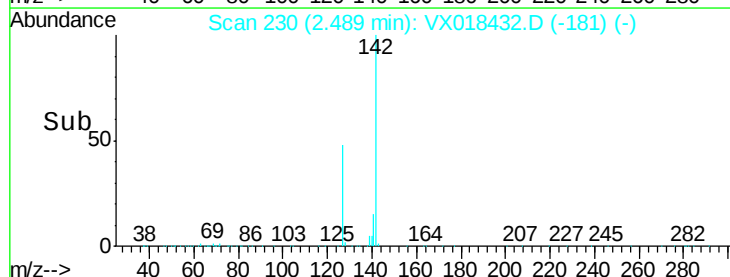
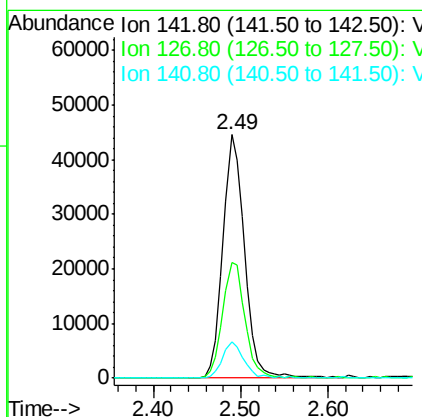
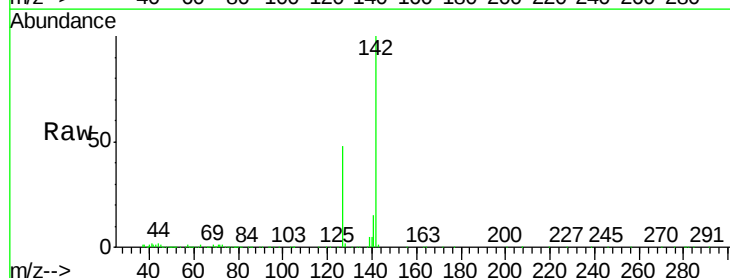
RT: 2.49 min Scan# 230

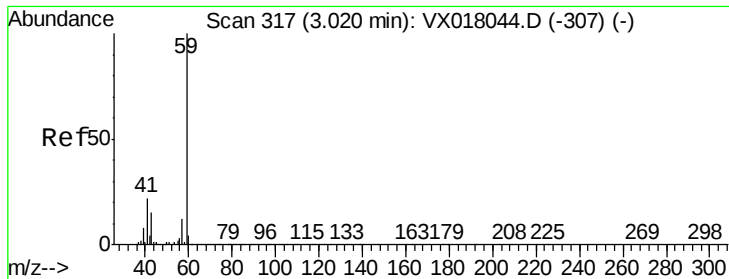
Delta R.T. 0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	142	Resp:	76759
Ion Ratio	Lower	Upper	
142	100		
127	49.3	37.0	55.6
141	14.9	11.5	17.3





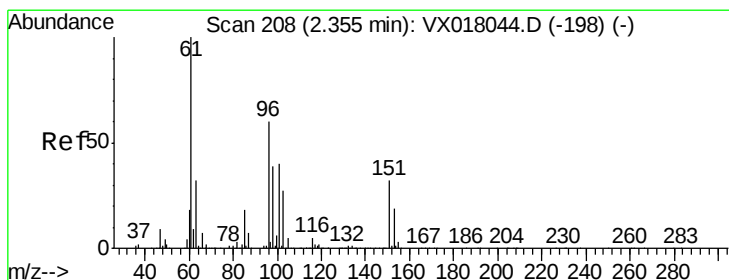
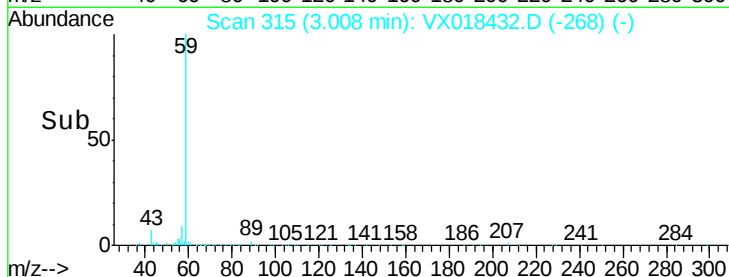
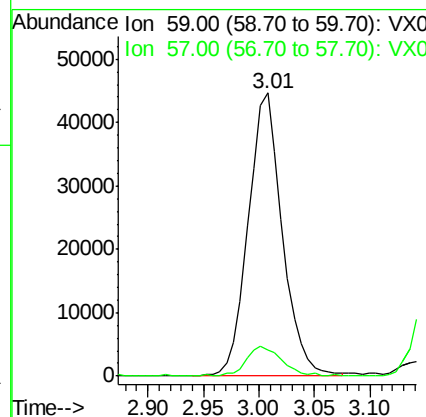
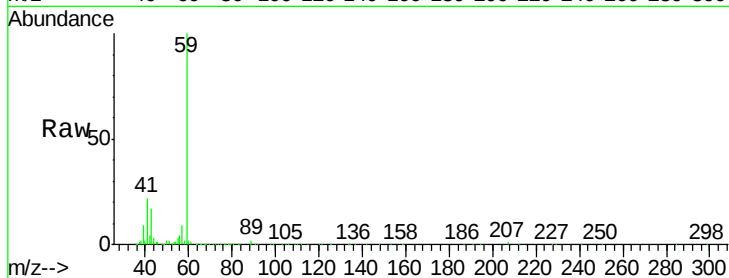
#11
Tert butyl alcohol
Concen: 83.100 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion: 59 Resp: 95212
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

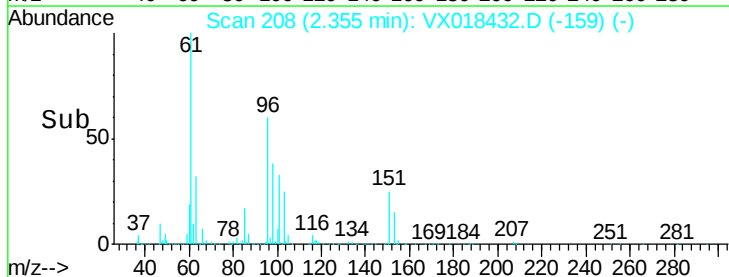
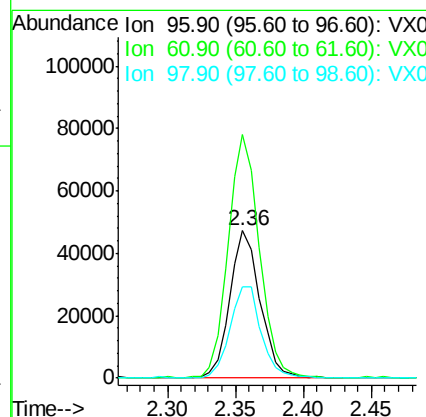
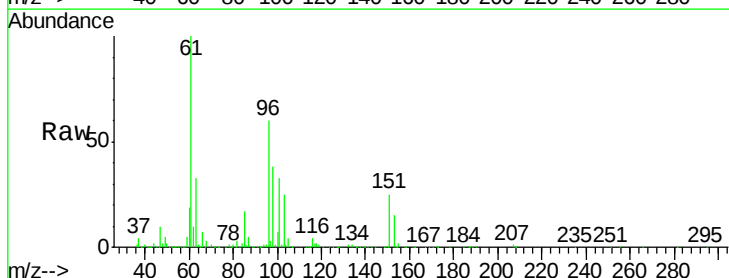
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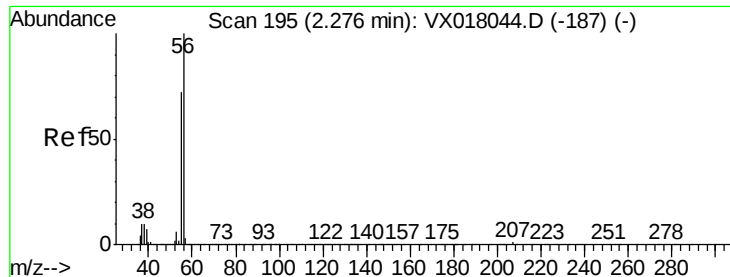
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.542 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 96 Resp: 72767
Ion Ratio Lower Upper
96 100
61 165.1 133.0 199.4
98 61.9 51.6 77.4





#13

Acrolein

Concen: 68.746 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 56 Resp: 32660

Ion Ratio Lower Upper

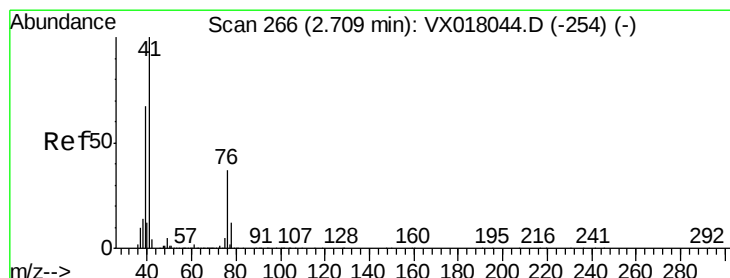
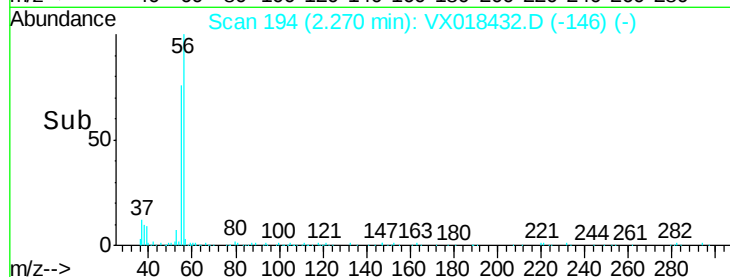
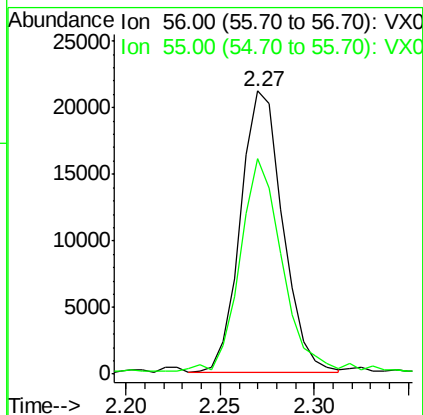
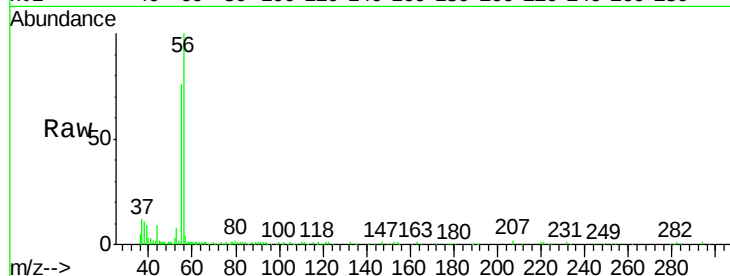
56 100

55 77.2 57.0 85.6

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#14

Allyl chloride

Concen: 18.081 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

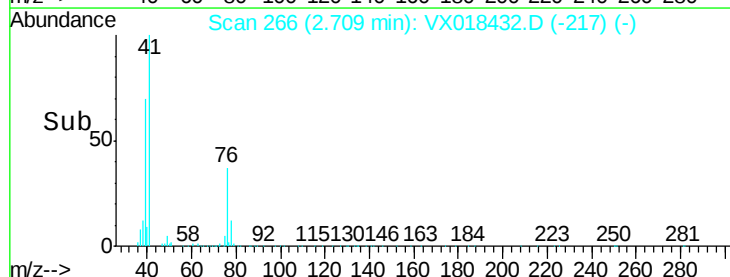
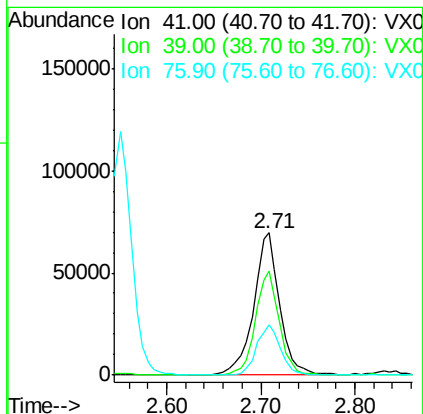
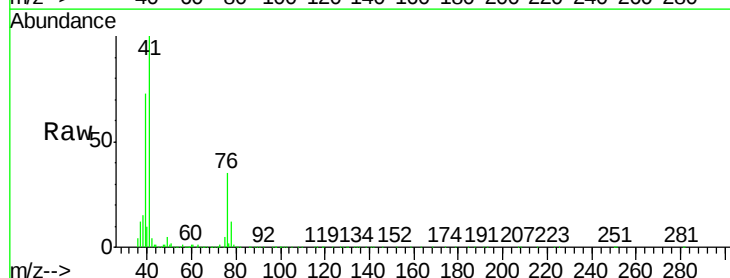
Tgt Ion: 41 Resp: 134753

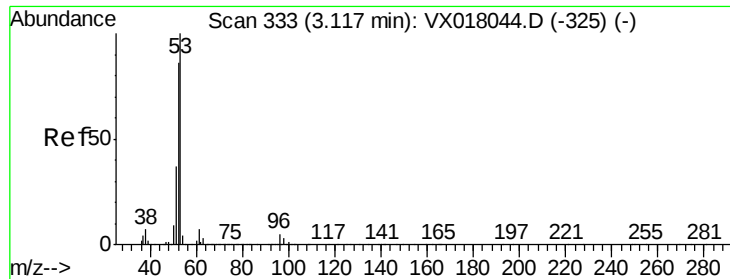
Ion Ratio Lower Upper

41 100

39 66.9 50.6 76.0

76 32.9 26.2 39.2





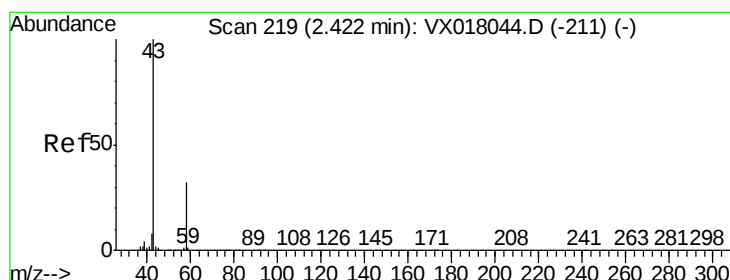
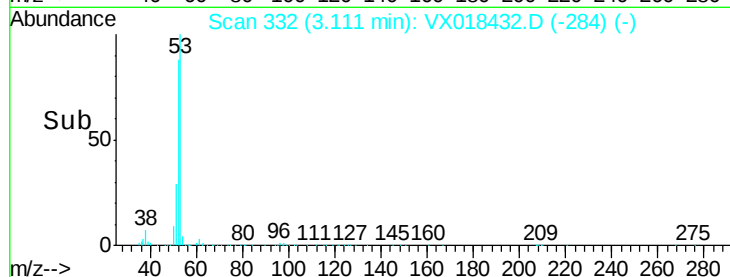
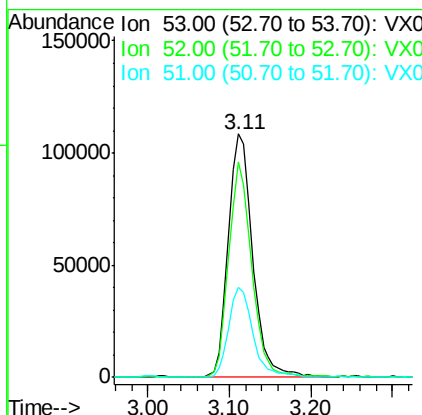
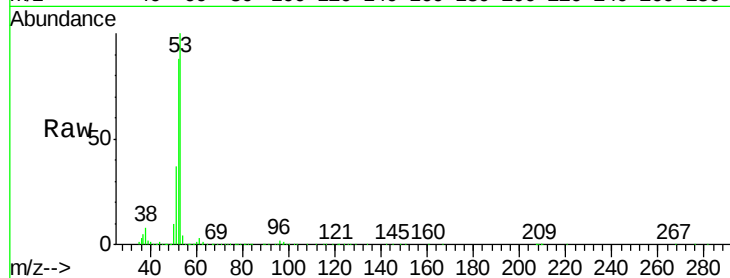
#15
 Acrylonitrile
 Concen: 86.094 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion:	53	Resp:	223760
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.9	100.3
51	36.9	28.7	43.1

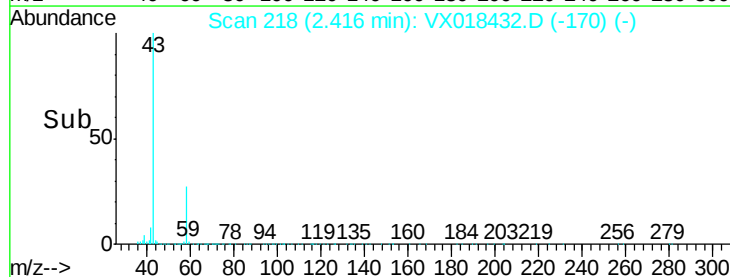
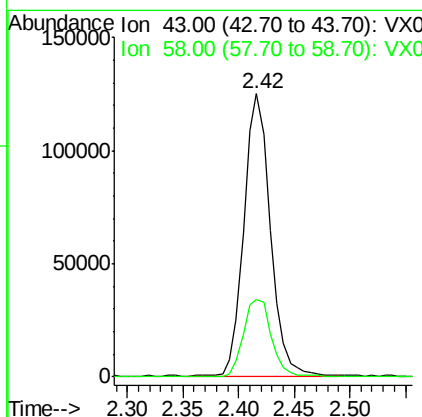
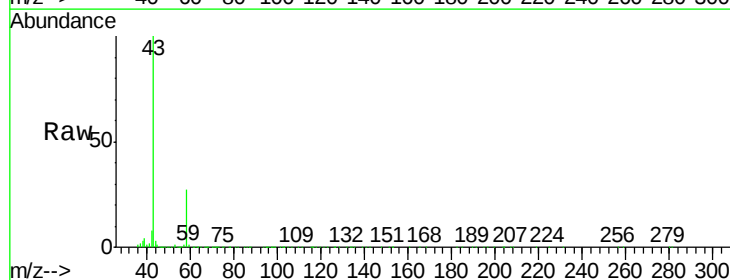
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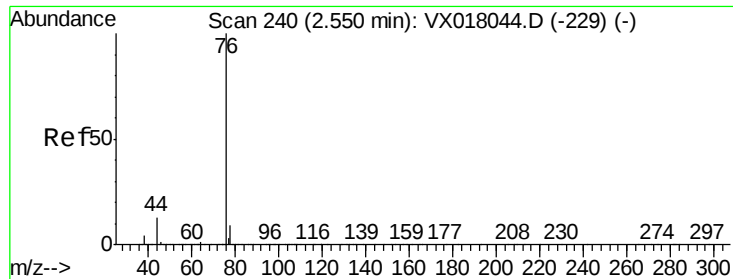
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#16
 Acetone
 Concen: 89.638 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion:	43	Resp:	205823
Ion	Ratio	Lower	Upper
43	100		
58	27.3	25.5	38.3





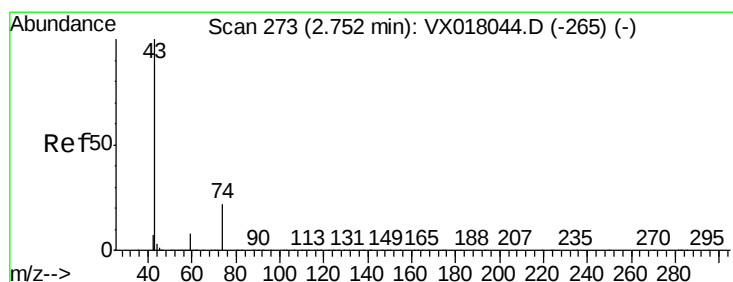
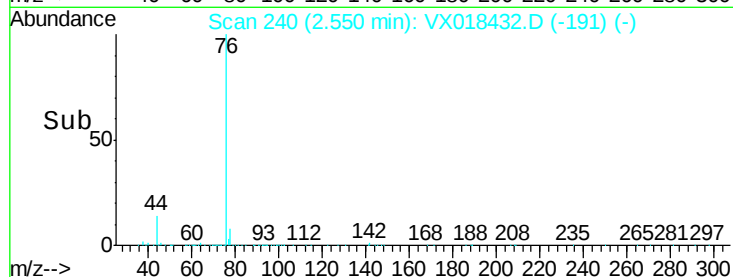
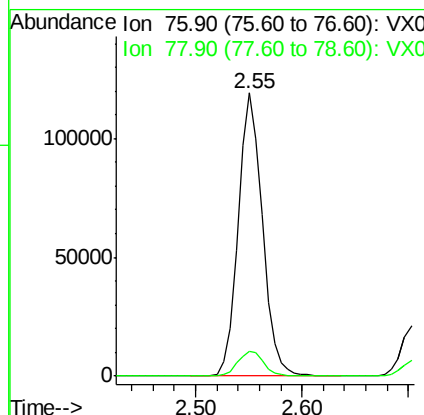
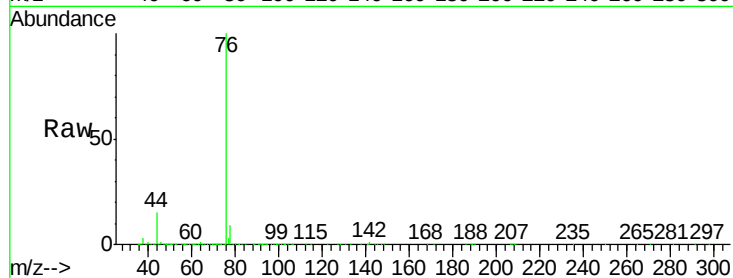
#17
Carbon Disulfide
Concen: 15.229 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

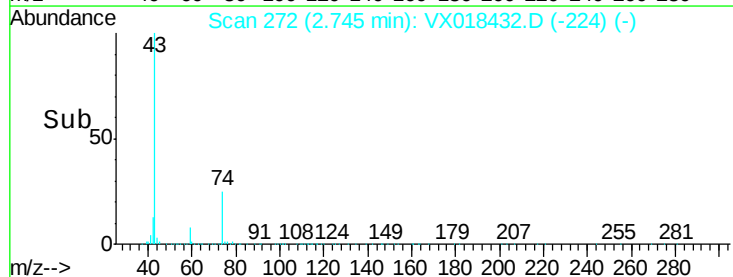
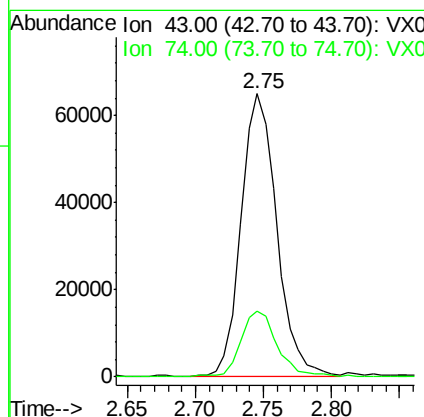
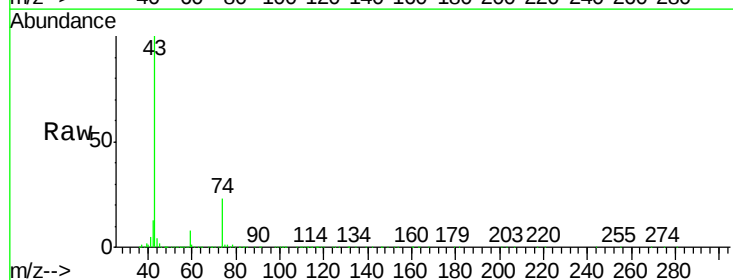
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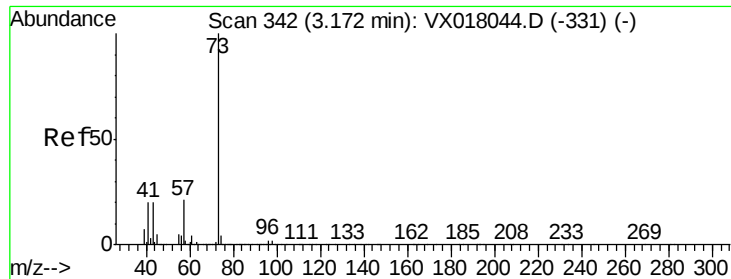
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#18
Methyl Acetate
Concen: 21.598 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.2	27.4





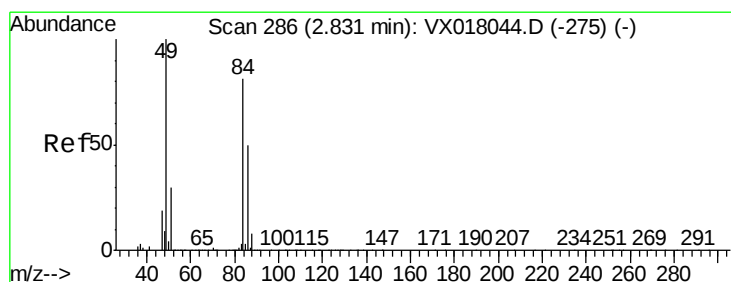
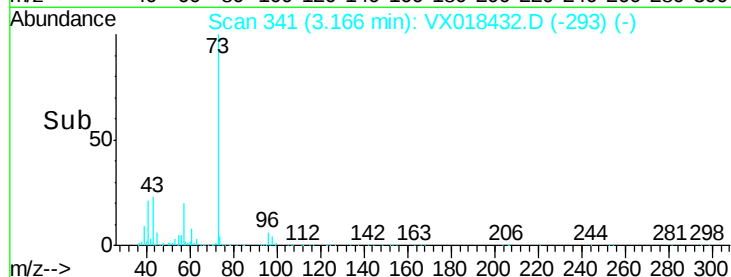
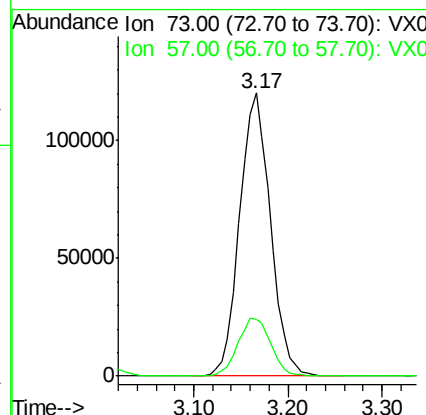
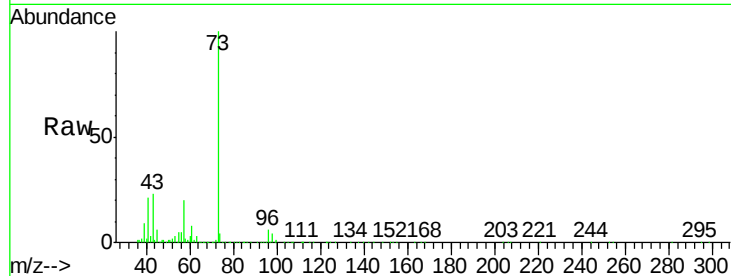
#19
Methvl tert-butvl Ether
Concen: 19.270 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.8	25.2

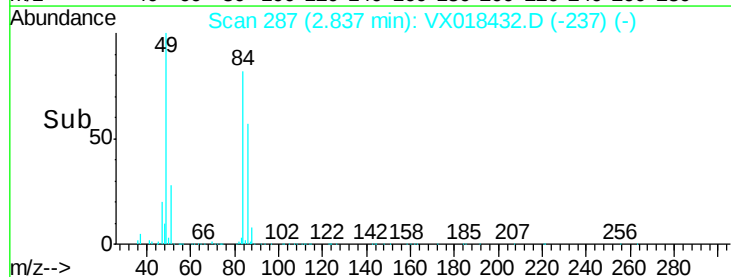
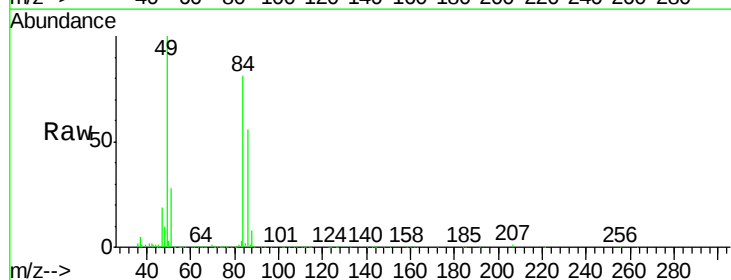
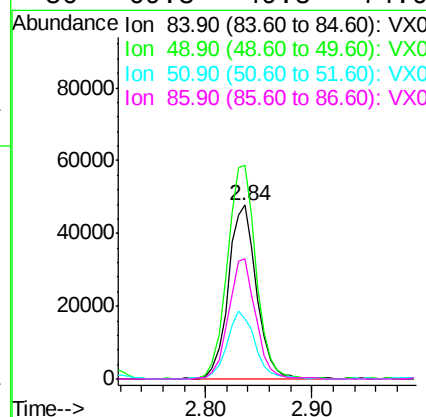
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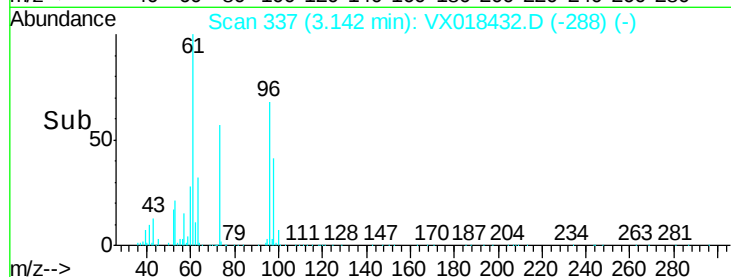
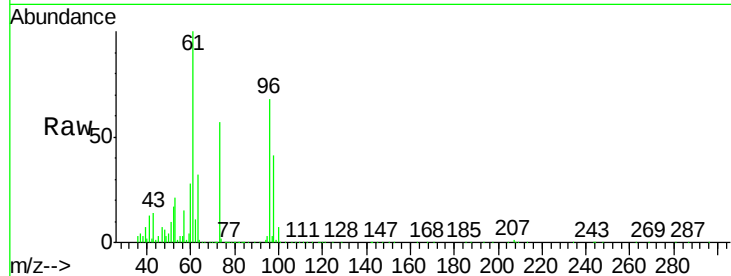
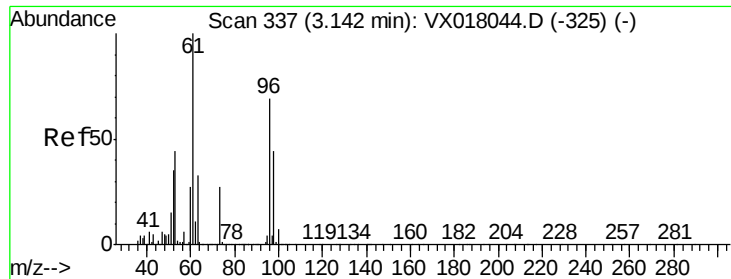
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#20
Methylene Chloride
Concen: 18.099 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	98.6	148.0
51	34.7	29.6	44.4
86	69.3	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 18.004 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tot Ion:	96	Resp:	82740
Ion	Ratio	Lower	Upper
96	100		
61	146.4	115.4	173.0
98	60.0	51.1	76.7

Instrument :

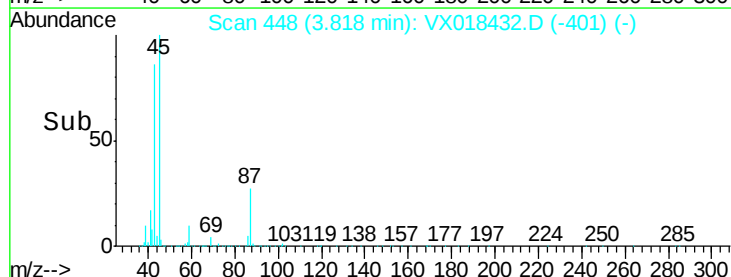
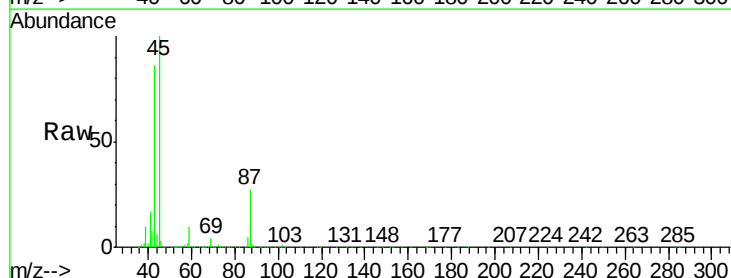
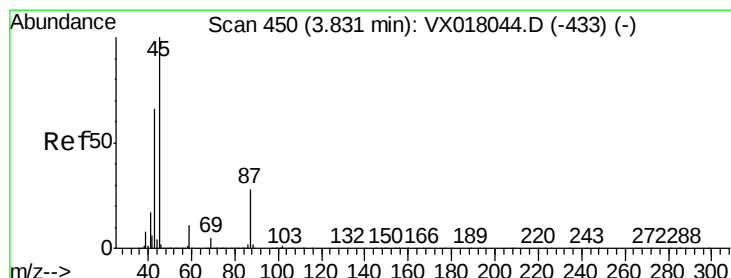
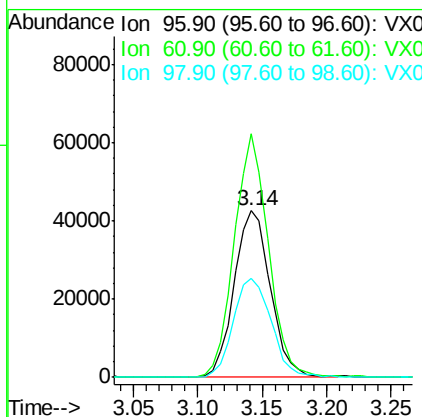
MSVOA_X

ClientSampleId :

VX0916WBS01

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#22

Diisopropyl ether

Concen: 19.098 ug/l

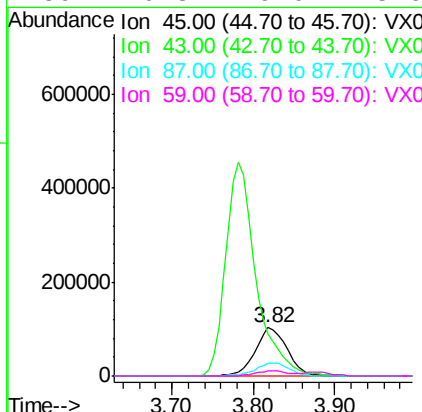
RT: 3.82 min Scan# 448

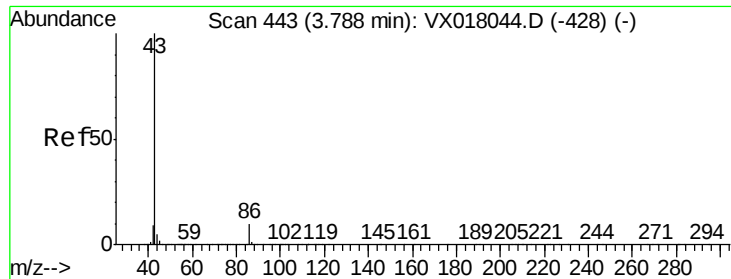
Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	45	Resp:	280909
Ion	Ratio	Lower	Upper
45	100		
43	86.1	52.8	79.2#
87	26.7	22.5	33.7
59	10.3	9.0	13.6





#23

Vinyl Acetate

Concen: 89.236 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 43 Resp: 1167952

Ion Ratio Lower Upper

43 100

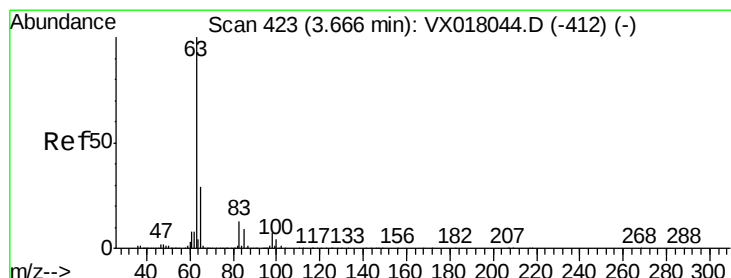
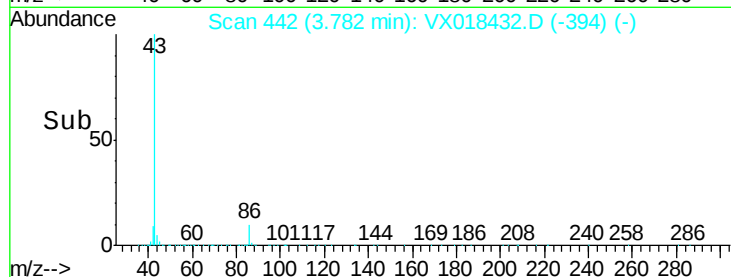
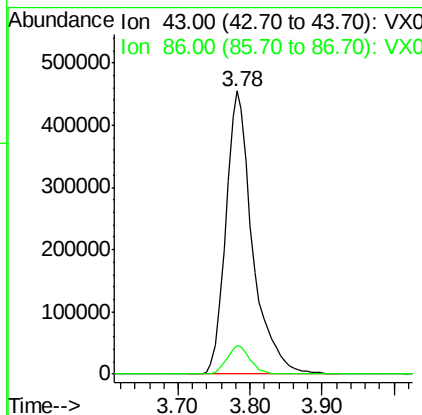
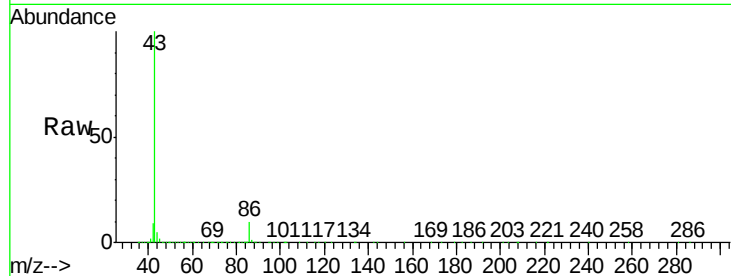
86 10.2 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 19.144 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

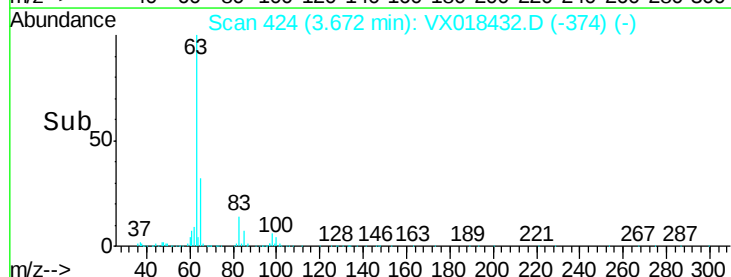
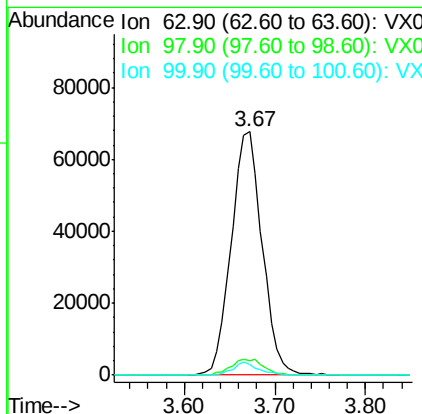
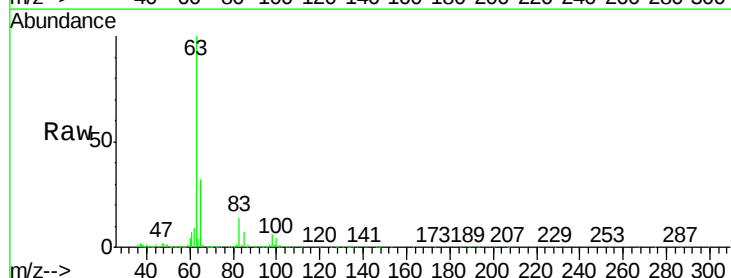
Tgt Ion: 63 Resp: 160296

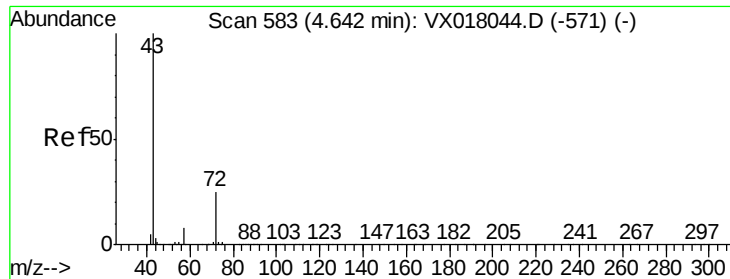
Ion Ratio Lower Upper

63 100

98 5.8 3.6 10.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 82.540 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 43 Resp: 311479

Ion Ratio Lower Upper

43 100

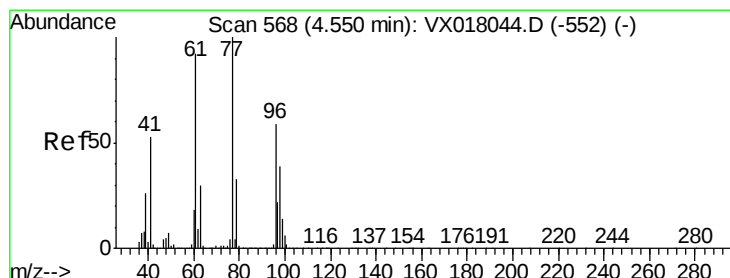
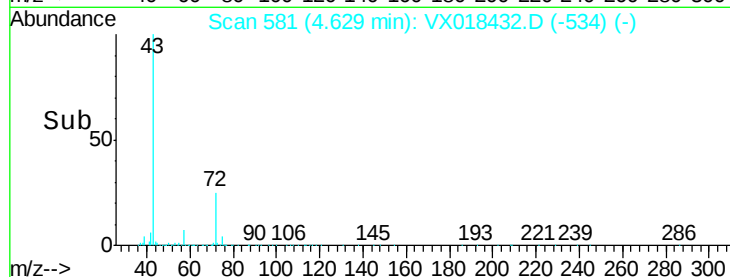
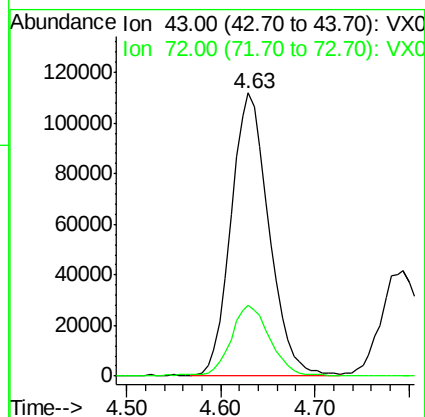
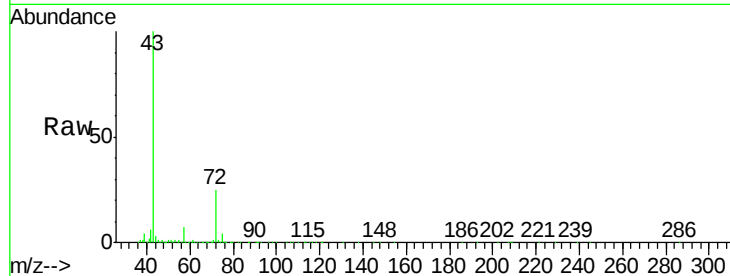
72 25.1 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 22.176 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018432.D

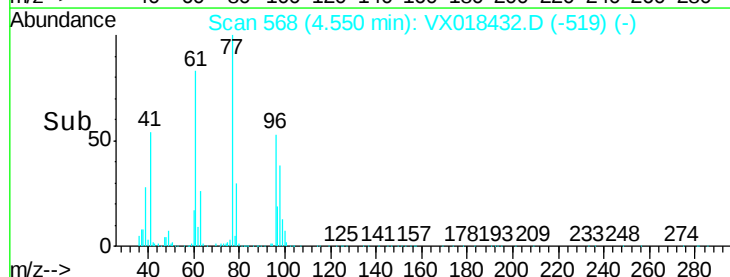
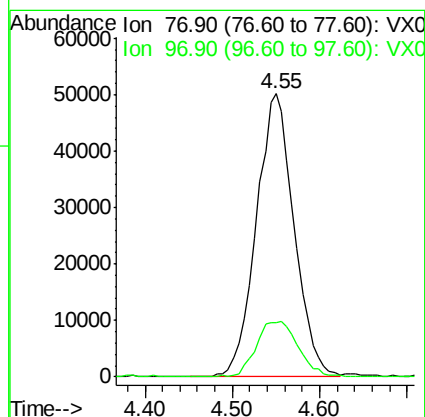
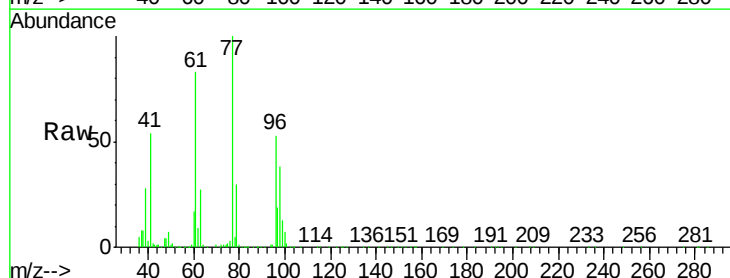
Acq: 16 Sep 2020 11:31

Tgt Ion: 77 Resp: 151080

Ion Ratio Lower Upper

77 100

97 21.6 11.5 34.5





#27

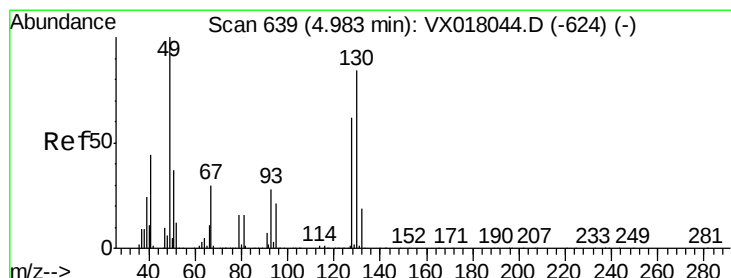
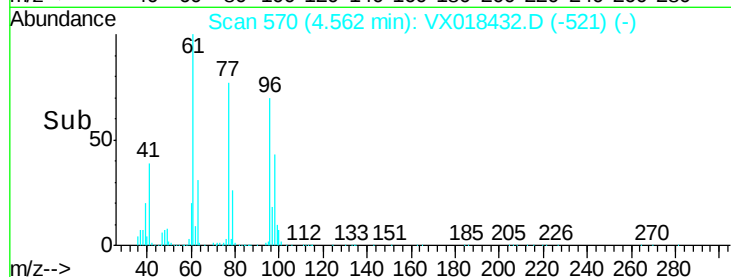
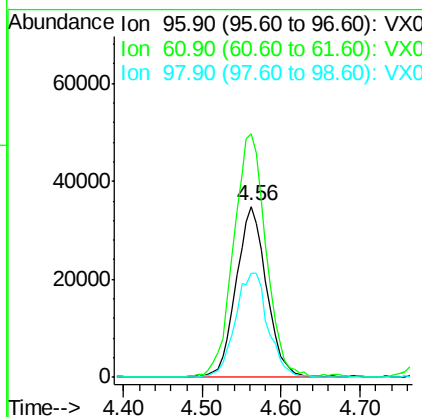
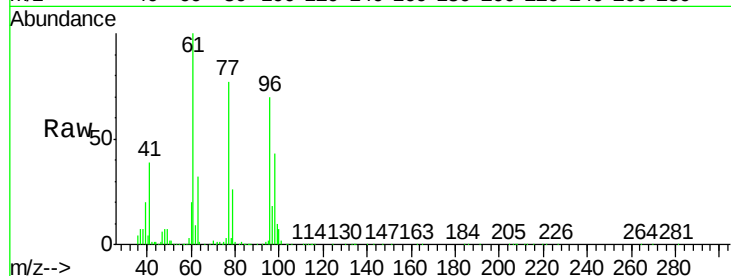
cis-1,2-Dichloroethene
Concen: 17.770 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.5	0.0	296.6	
98	65.4	0.0	130.2	

Manual Integrations
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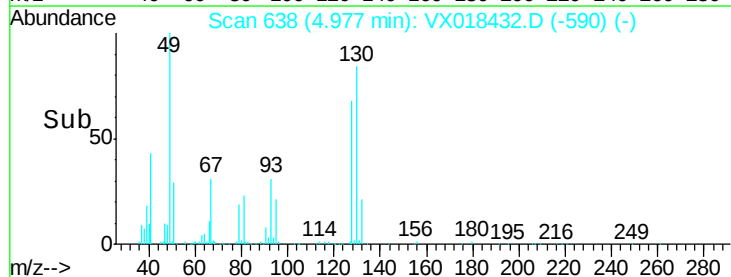
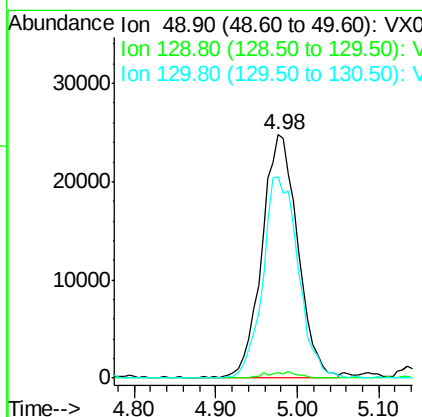
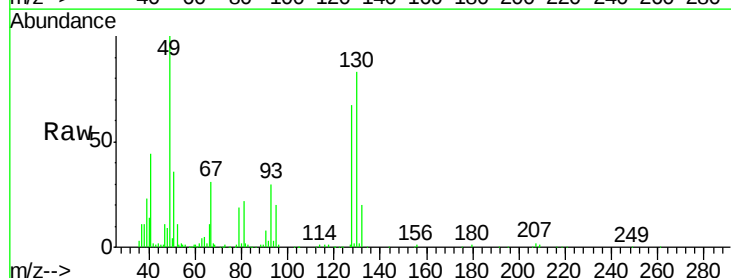
MMDadoda
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#28

Bromochloromethane
Concen: 18.551 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.6	
130	82.2	64.6	96.8	





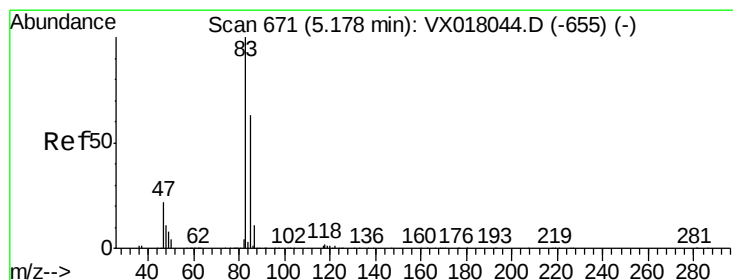
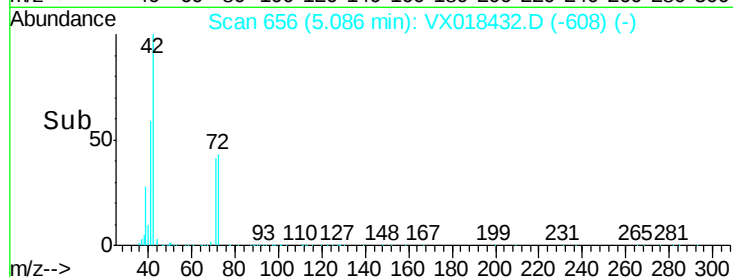
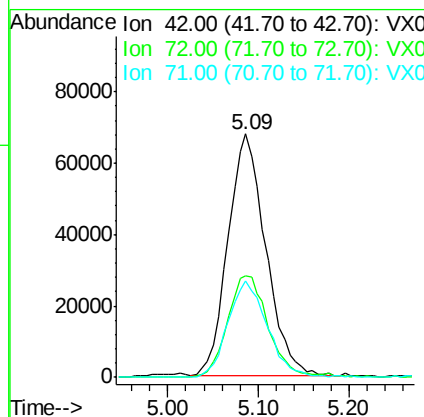
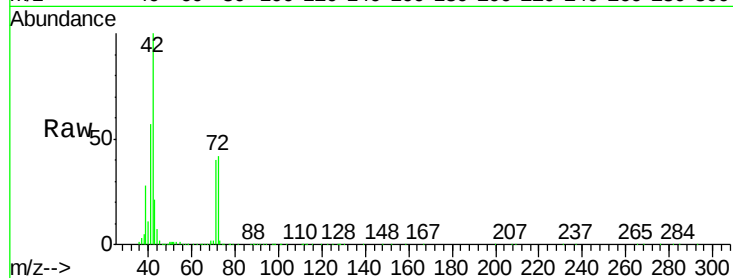
#29
Tetrahydrofuran
Concen: 81.935 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.2	51.4
71	41.7	32.1	48.1

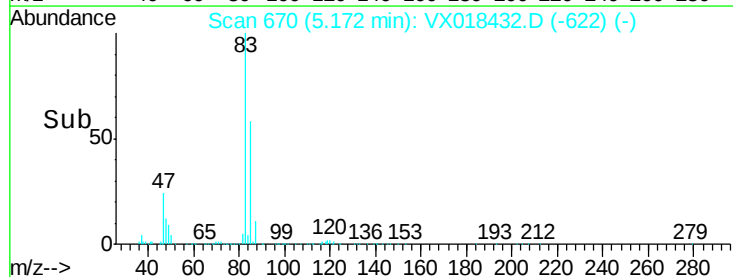
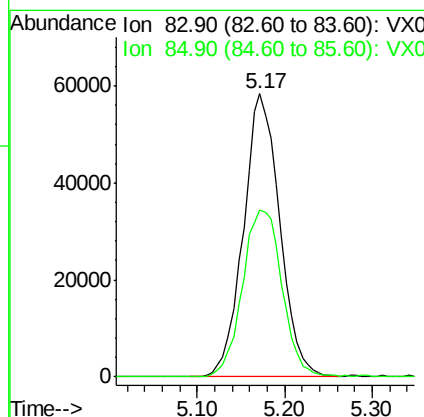
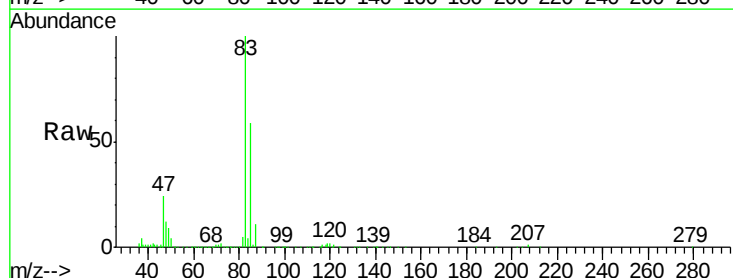
Manual Integrations
APPROVED

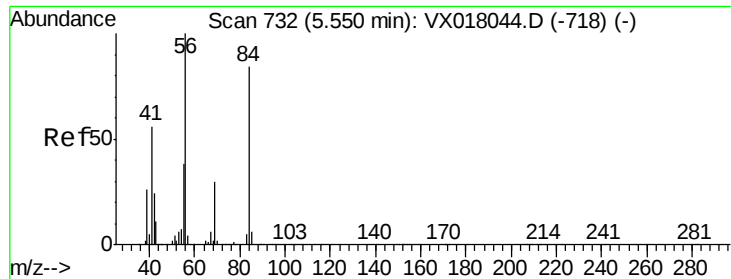
MMDadoda
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#30
Chloroform
Concen: 19.438 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.8	50.7	76.1





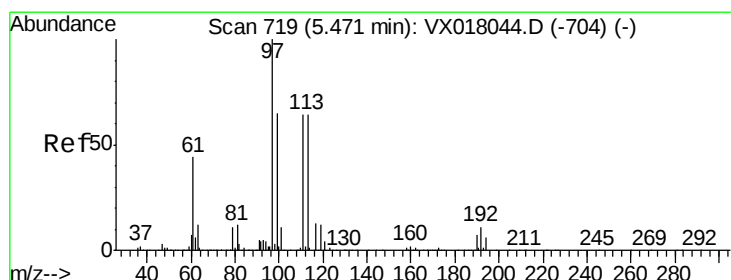
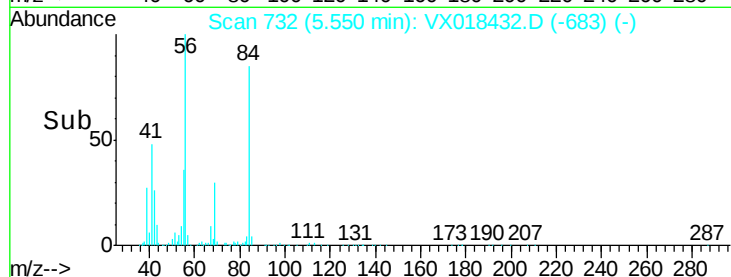
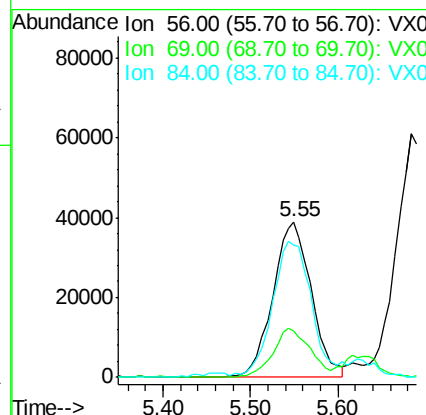
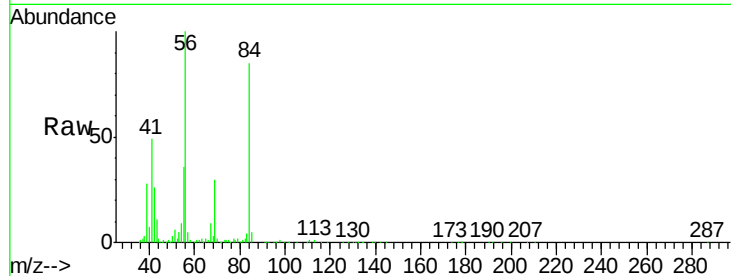
#31
Cyclohexane
Concen: 16.901 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.9	35.9
84	82.8	67.0	100.4

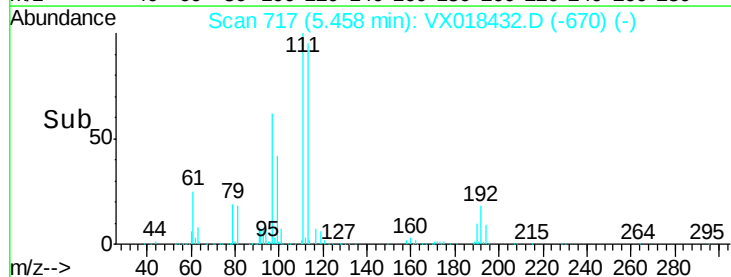
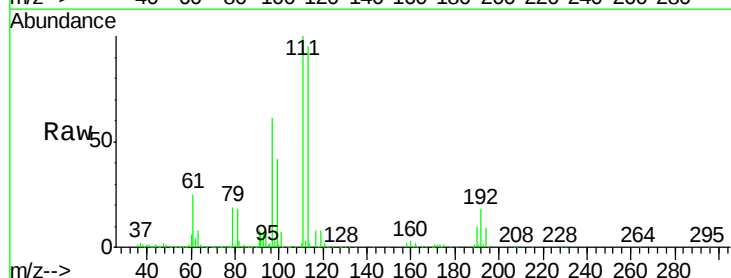
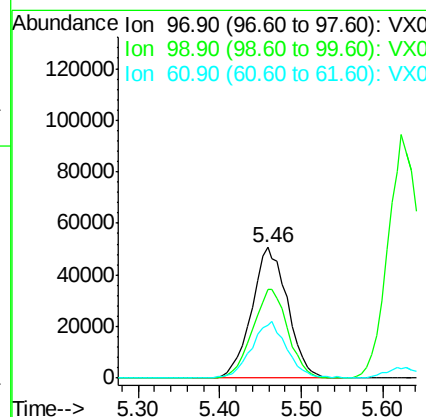
Manual Integrations
APPROVED

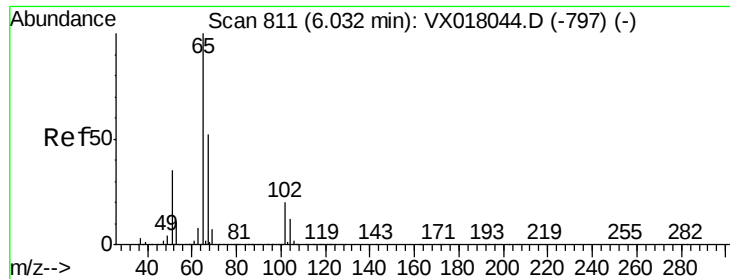
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.456 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.2	51.4	77.0
61	42.4	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 50.565 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 65 Resp: 297963

Ion Ratio Lower Upper

65 100

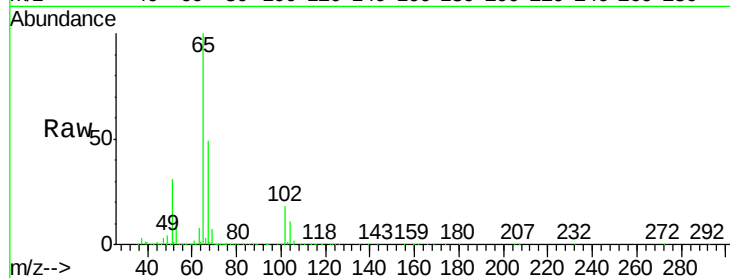
67 50.8 0.0 105.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

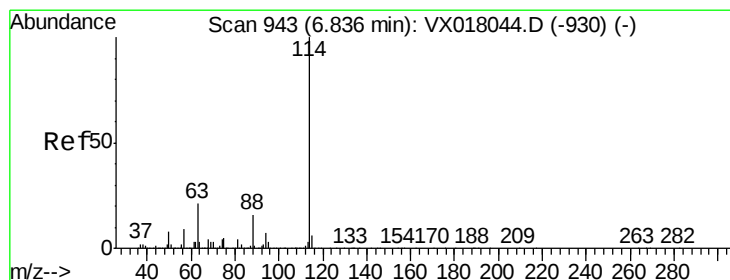
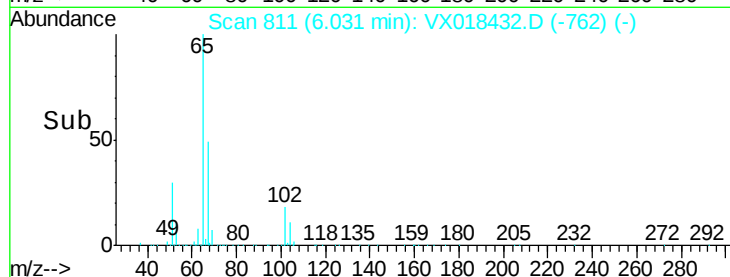
6.03

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

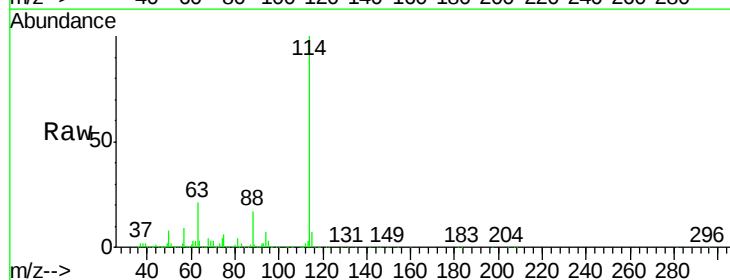
Tgt Ion: 114 Resp: 639730

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 17.4 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

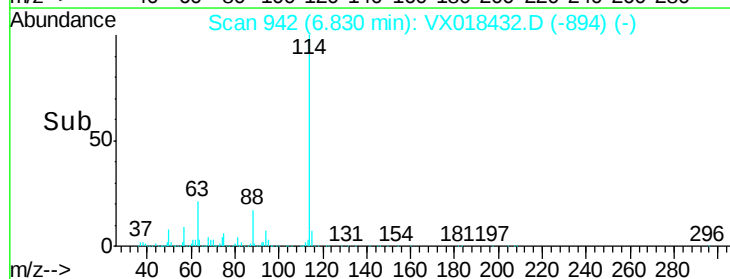
300000

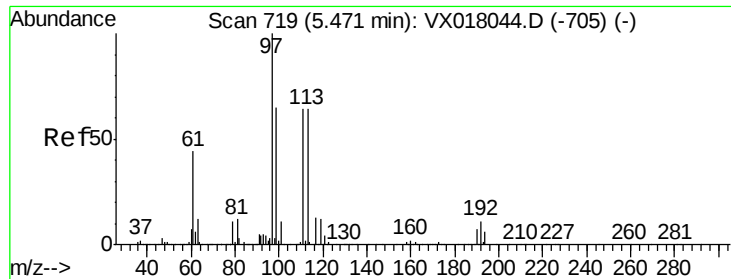
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.780 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

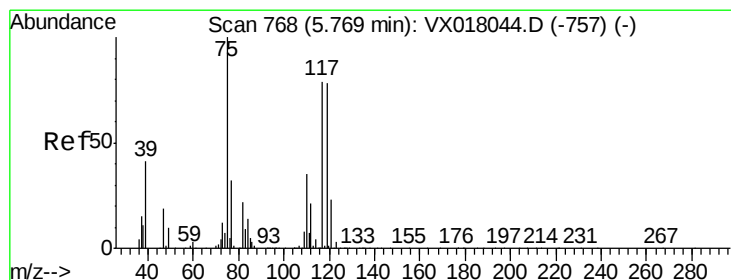
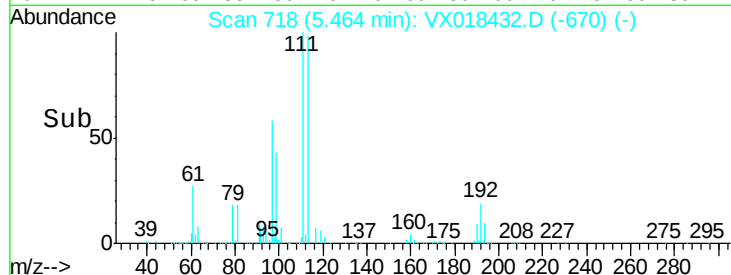
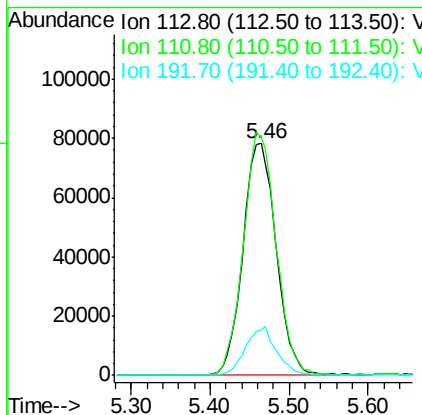
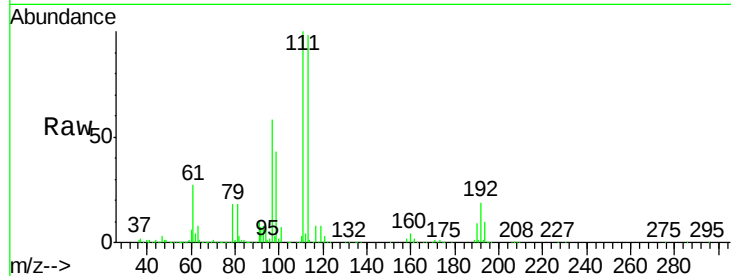
ClientSampleId :

VX0916WBS01

Tot Ion:	113	Resp:	229955
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	19.4	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.923 ug/l

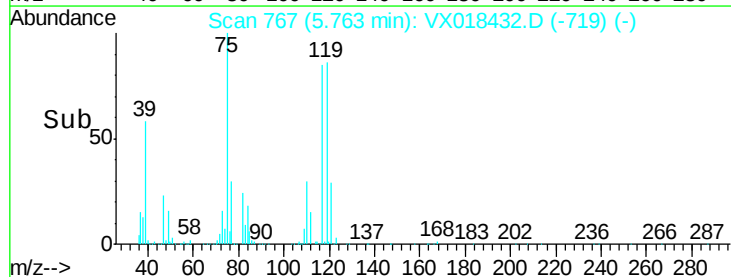
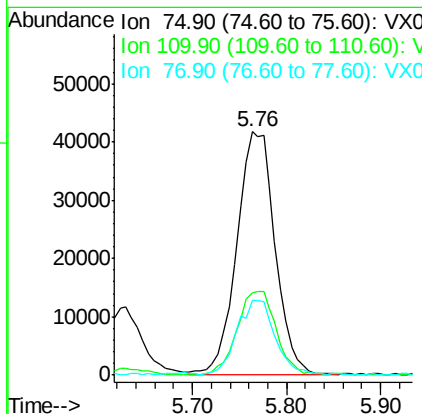
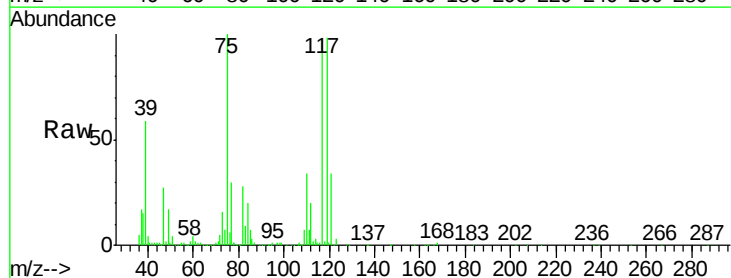
RT: 5.76 min Scan# 767

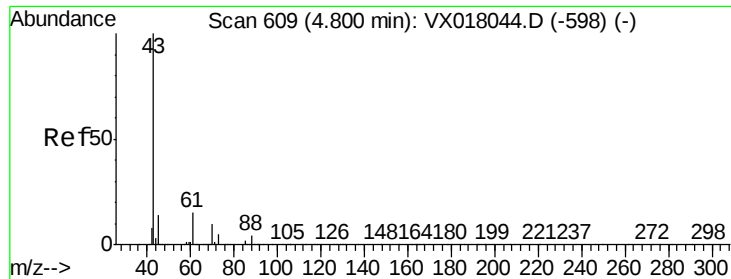
Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	75	Resp:	117558
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.0	54.0
77	31.4	24.4	36.6





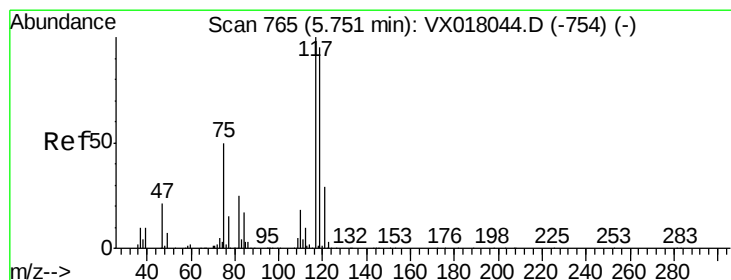
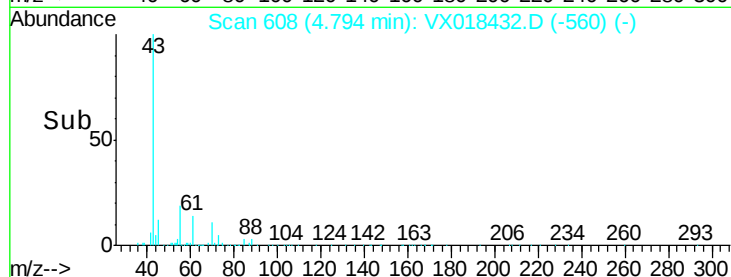
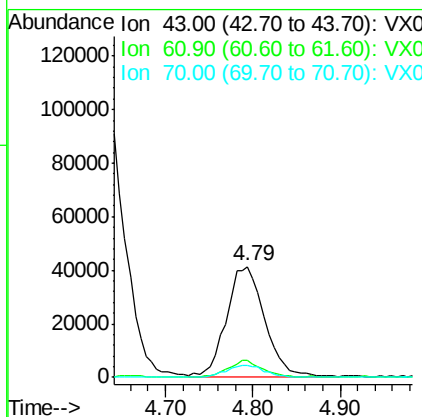
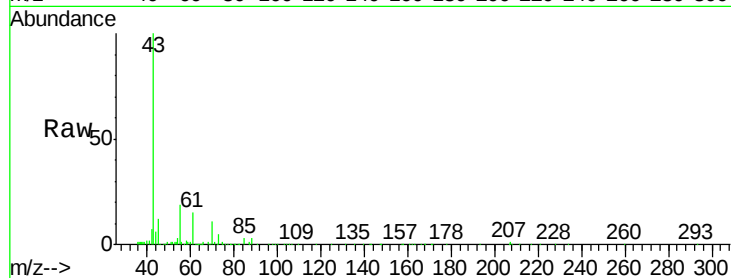
#37
Ethyl Acetate
Concen: 18.090 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion:	43	Resp:	123971
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.3	16.9
70	11.3	8.2	12.4

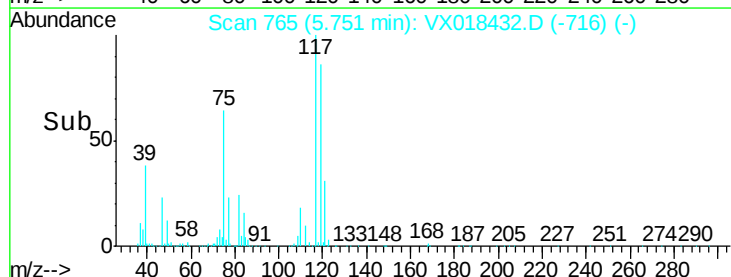
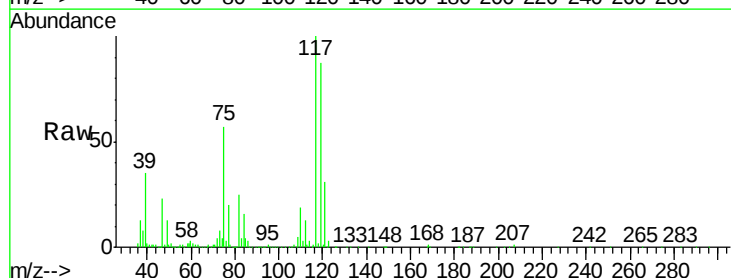
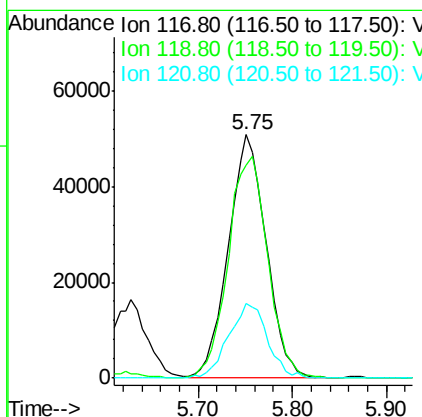
Manual Integrations
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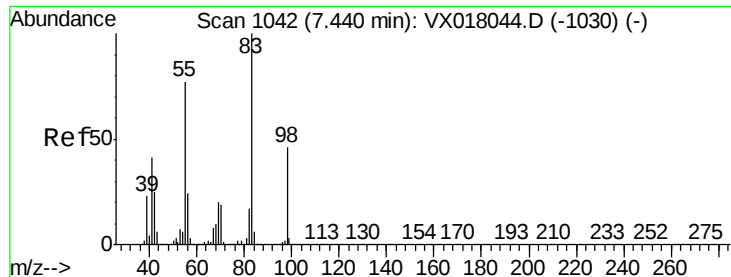
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#38
Carbon Tetrachloride
Concen: 21.341 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion:	117	Resp:	141910
Ion Ratio	Lower	Upper	
117	100		
119	87.4	75.8	113.6
121	30.9	23.4	35.0





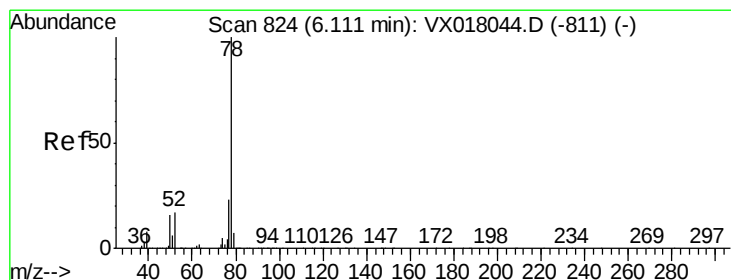
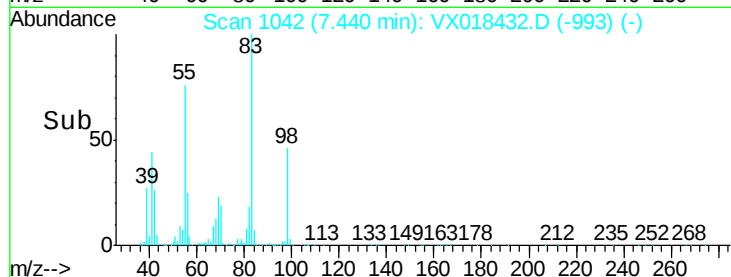
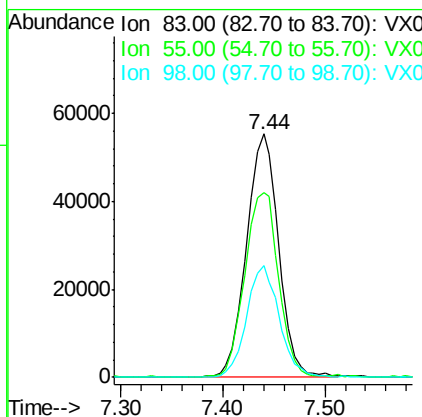
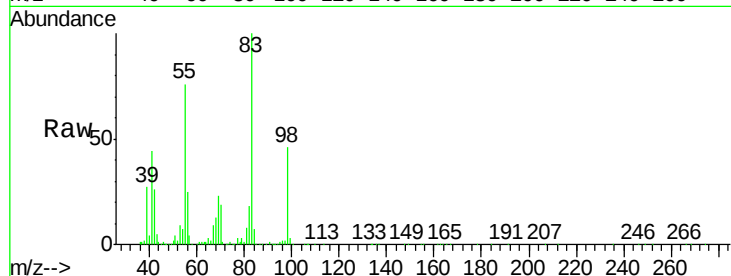
#39
Methvlcvclohexane
Concen: 18.861 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.8	92.6
98	46.0	36.6	55.0

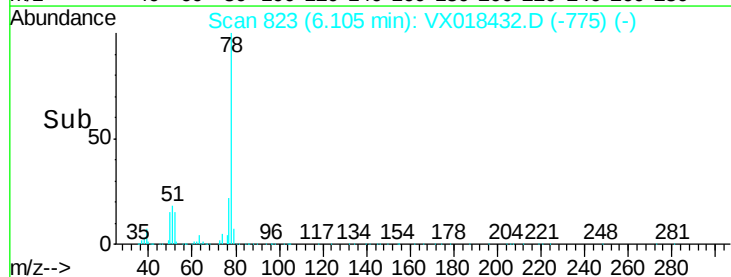
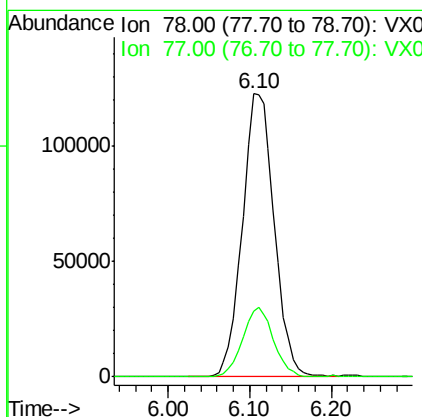
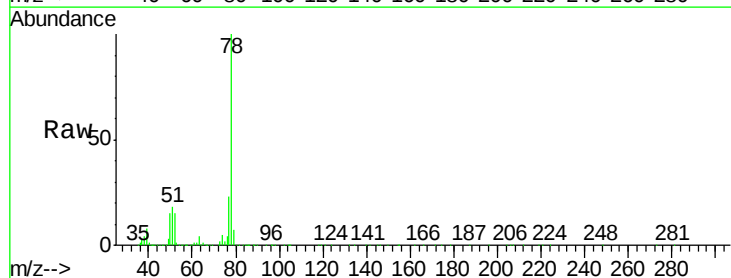
Manual Integrations
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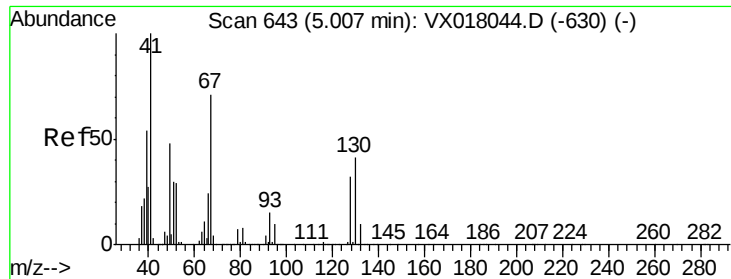
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#40
Benzene
Concen: 19.255 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2





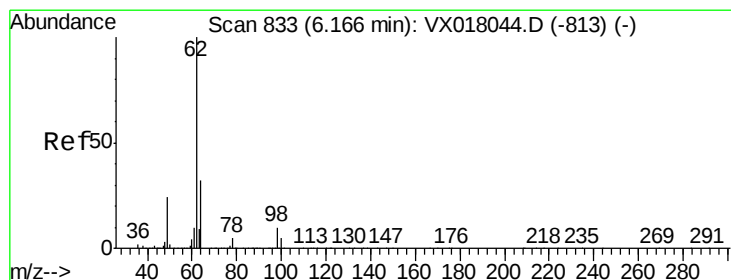
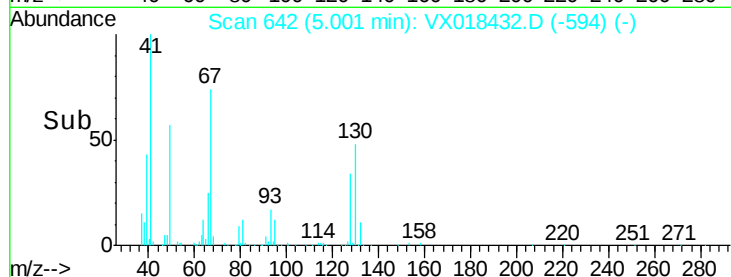
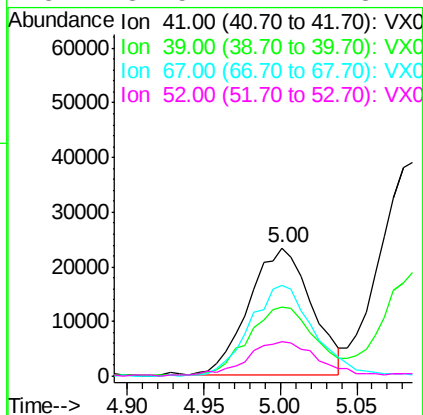
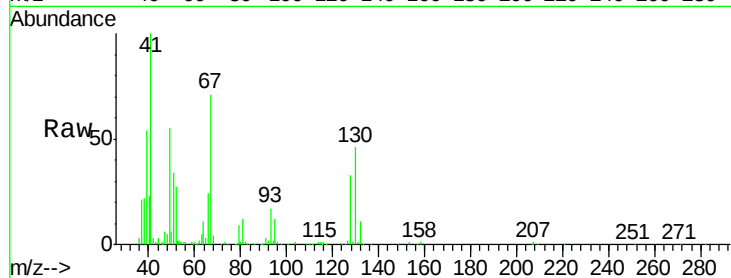
#41
Methacrylonitrile
Concen: 17.457 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.2	43.1	64.7	
67	75.0	56.0	84.0	
52	31.5	22.7	34.1	

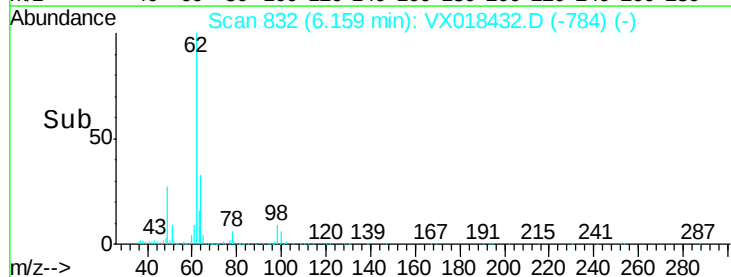
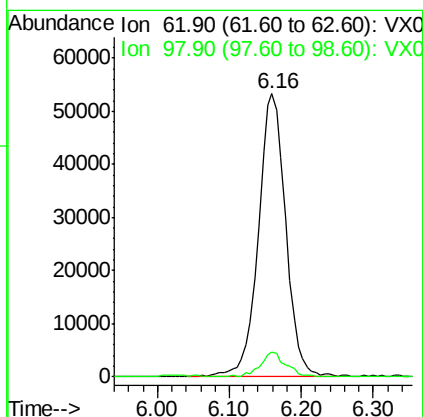
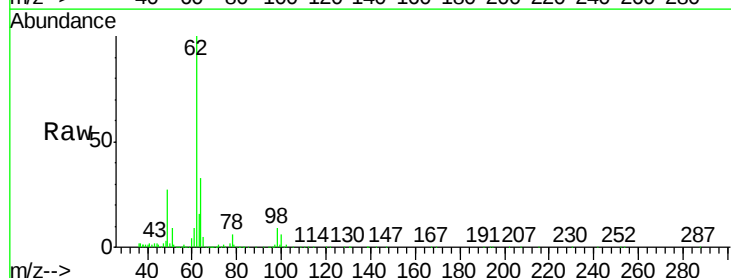
Manual Integrations
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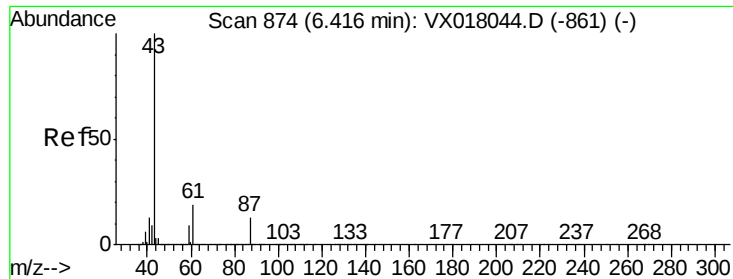
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#42
1,2-Dichloroethane
Concen: 21.218 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	18.2	





#43

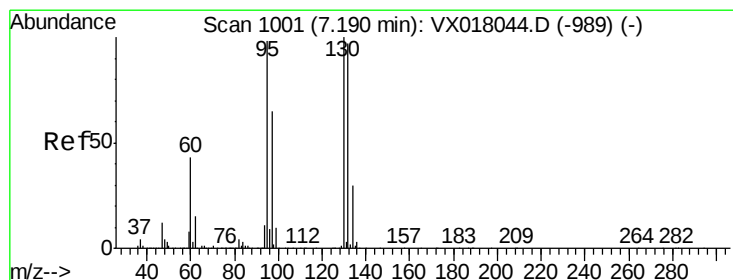
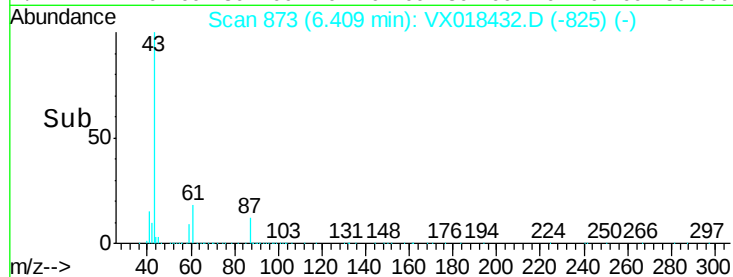
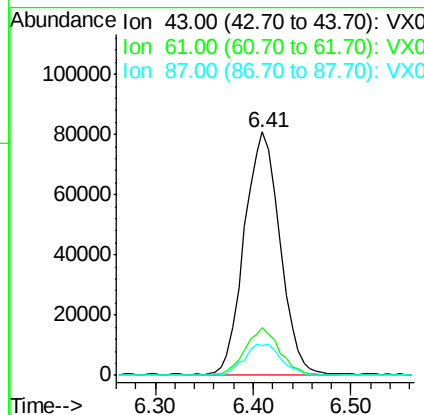
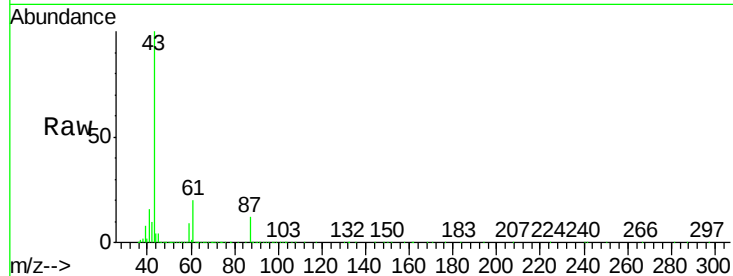
Isopropyl Acetate
 Concen: 18.363 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.7	23.5
87	13.7	10.3	15.5

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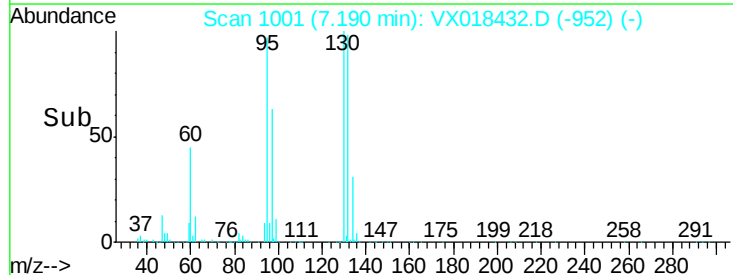
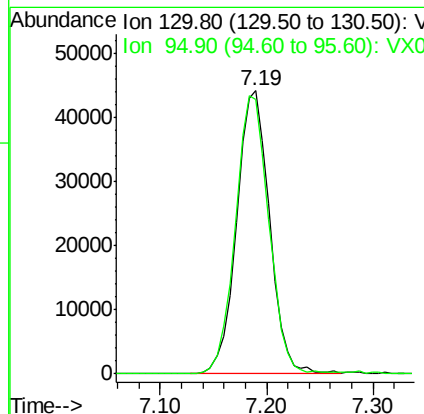
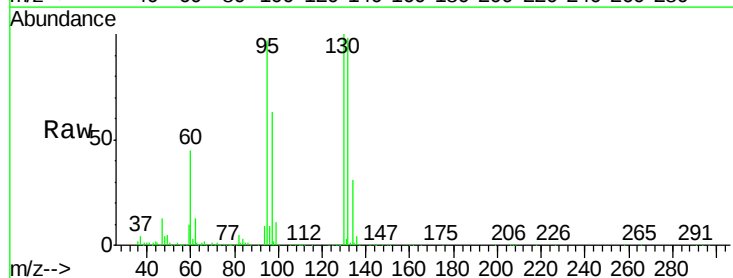
MMDadoda
 9/17/2020 11:27:18 AM



#44

Trichloroethene
 Concen: 19.588 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	196.4





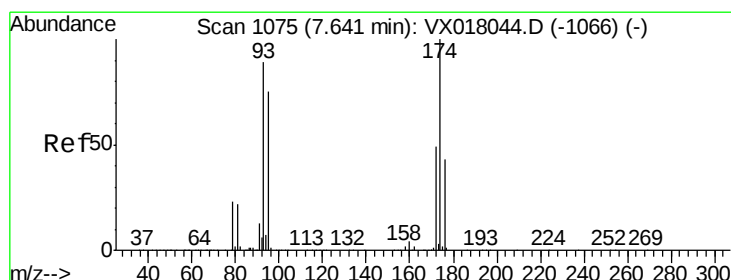
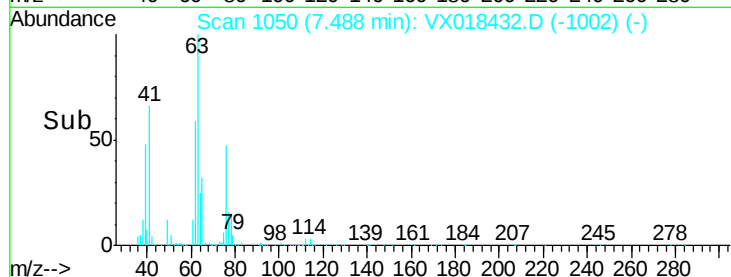
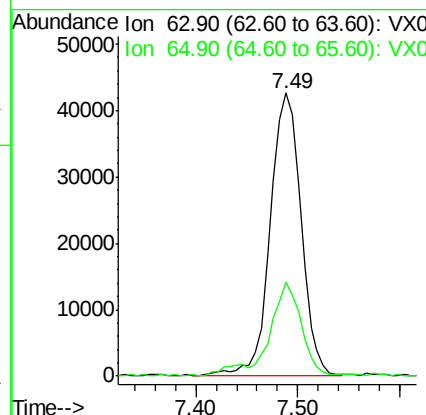
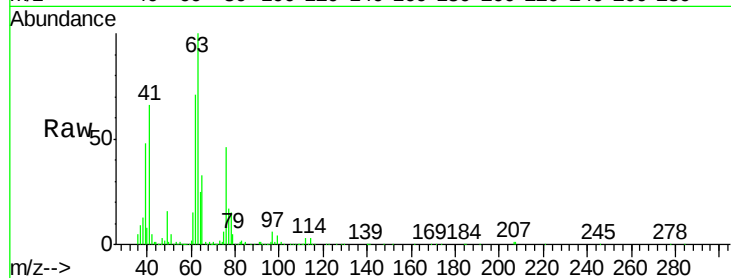
#45
 1,2-Dichloropropane
 Concen: 19.177 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.7	38.5

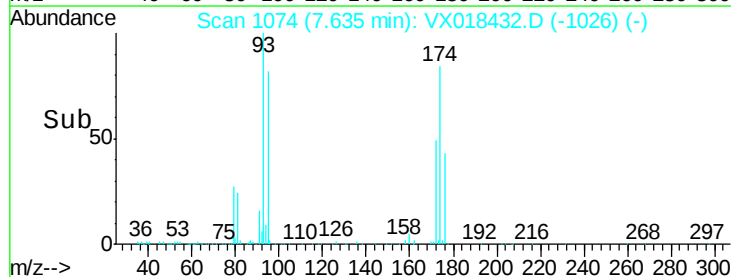
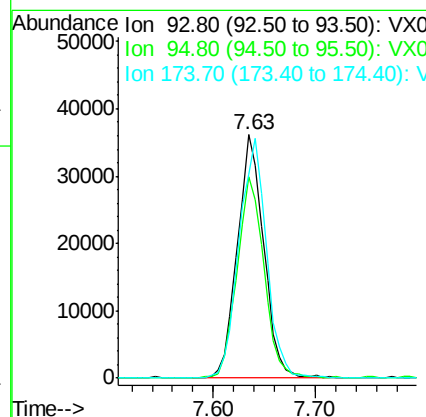
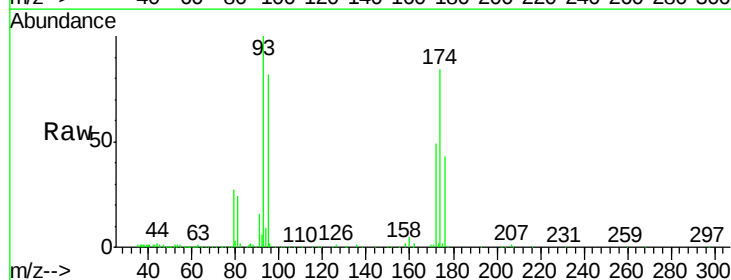
Manual Integrations
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 9/17/2020 11:27:18 AM



#46
 Dibromomethane
 Concen: 19.693 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	67.3	100.9
174	102.5	82.2	123.2





#47

Bromodichloromethane

Concen: 21.039 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

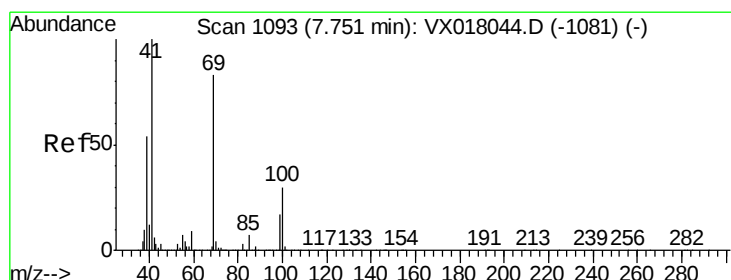
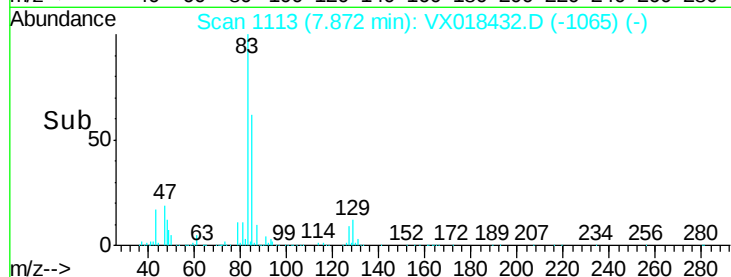
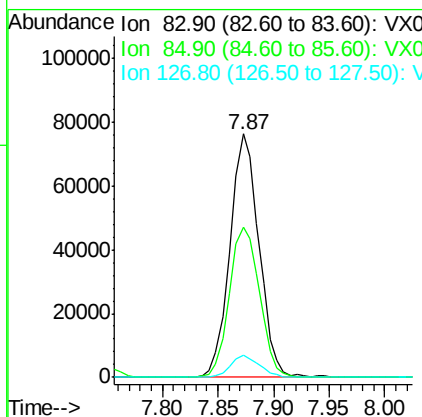
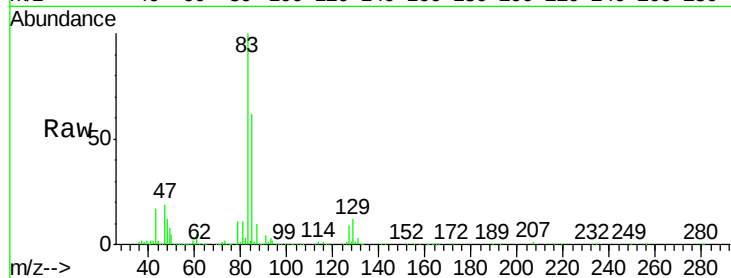
ClientSampleId :

VX0916WBS01

Tot Ion:	83	Resp:	138044
Ion Ratio	Lower	Upper	
83	100		
85	61.7	51.8	77.6
127	8.9	7.7	11.5

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#48

Methyl methacrylate

Concen: 17.866 ug/l

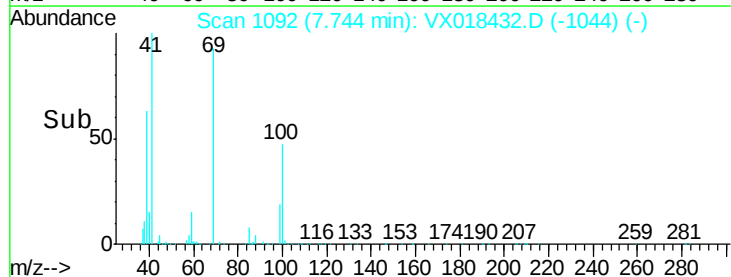
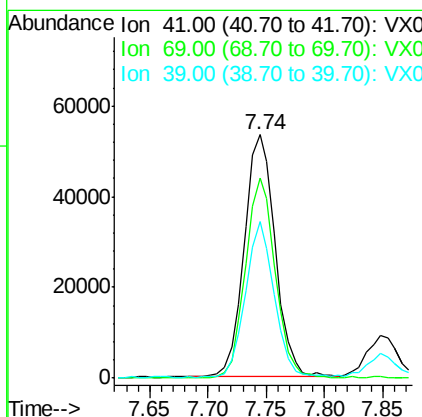
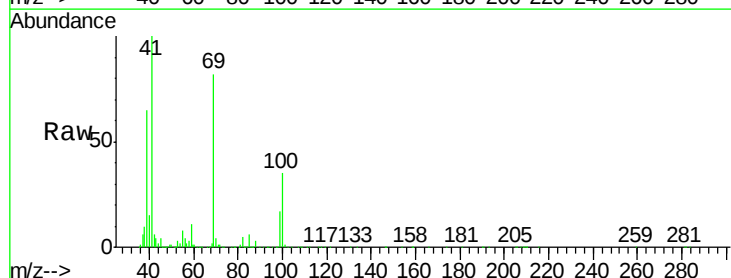
RT: 7.74 min Scan# 1092

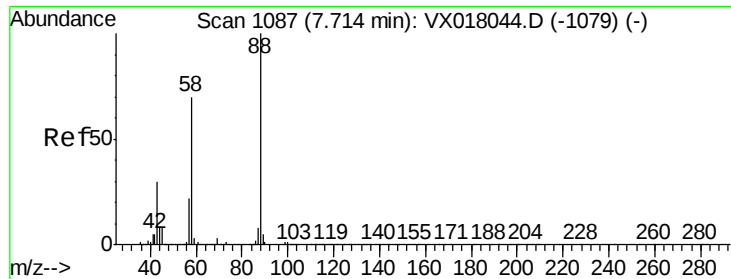
Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	41	Resp:	98448
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.5	98.3
39	60.1	44.5	66.7





#49

1,4-Dioxane

Concen: 335.606 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

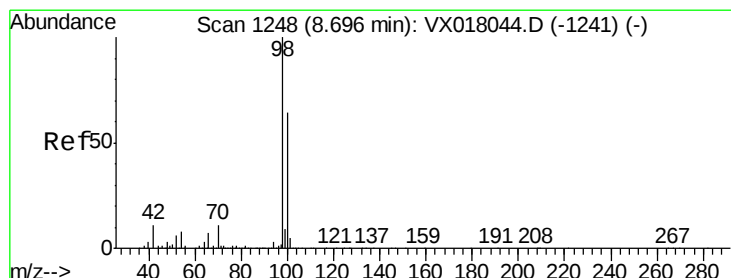
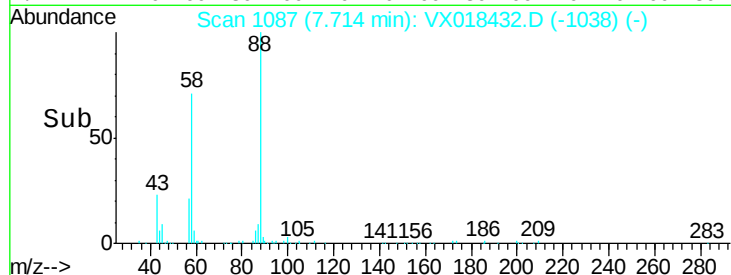
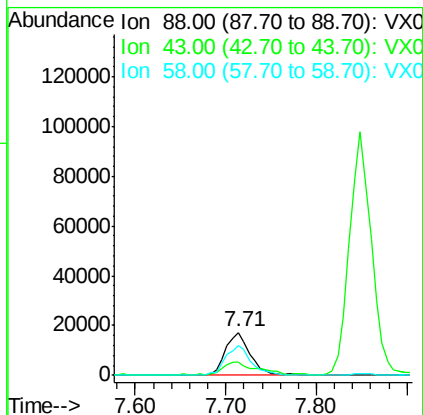
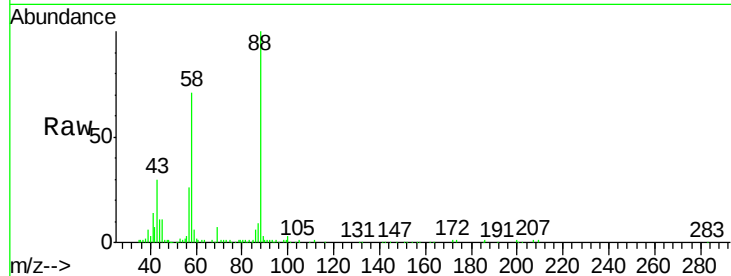
ClientSampleId :

VX0916WBS01

Tot Ion:	88	Resp:	33498
Ion	Ratio	Lower	Upper
88	100		
43	37.1	27.4	41.0
58	71.0	56.4	84.6

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#50

Toluene-d8

Concen: 49.663 ug/l

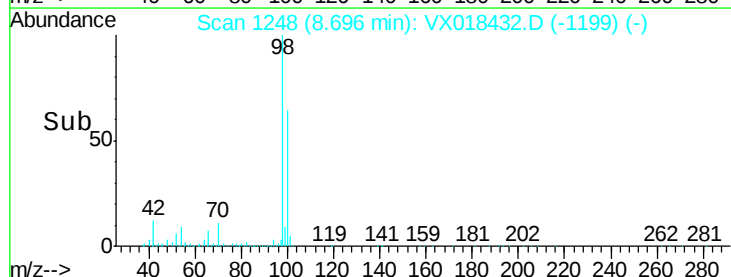
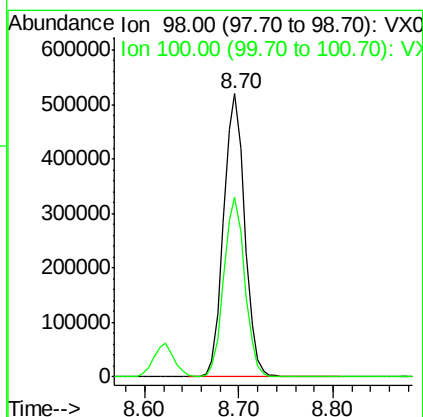
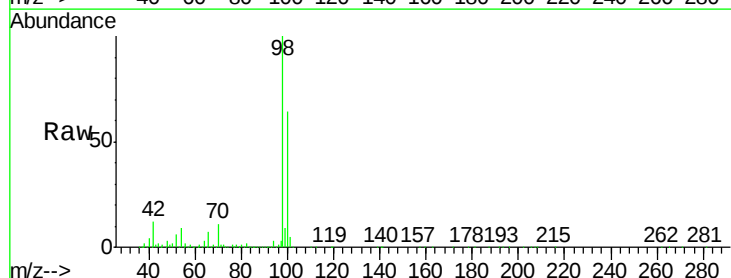
RT: 8.70 min Scan# 1248

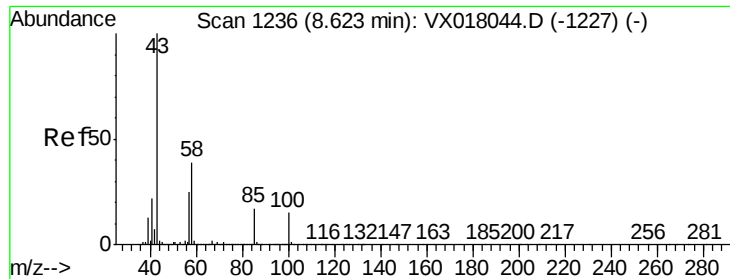
Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	98	Resp:	805897
Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.2	78.4





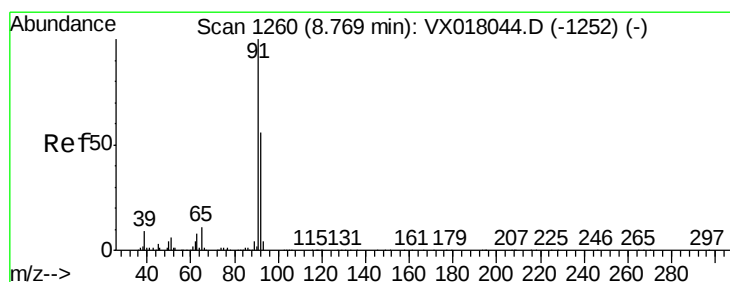
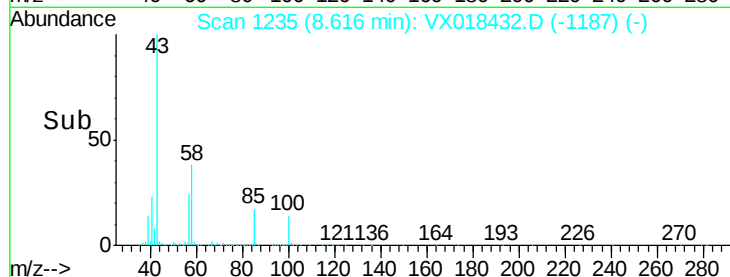
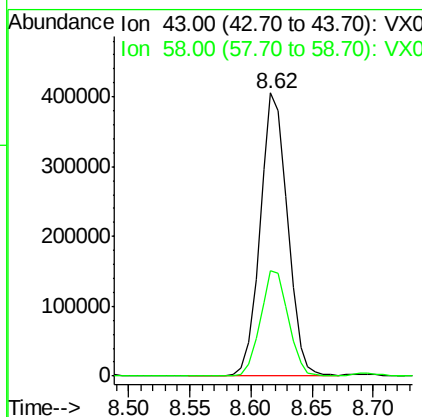
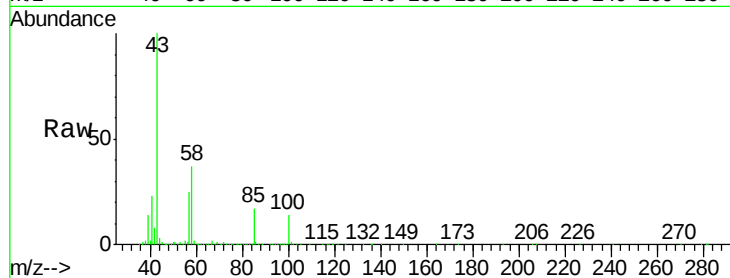
#51
4-Methyl-2-Pentanone
Concen: 92.651 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion: 43 Resp: 633494
Ion Ratio Lower Upper
43 100
58 37.9 30.7 46.1

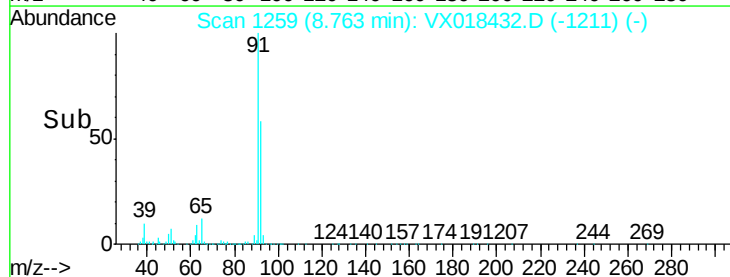
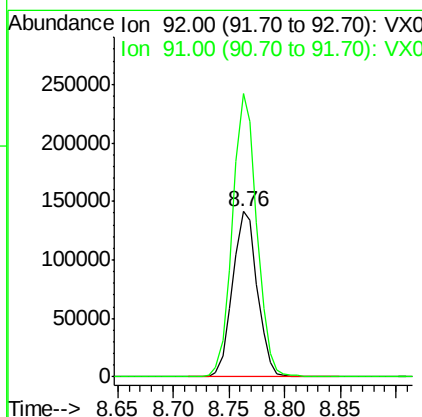
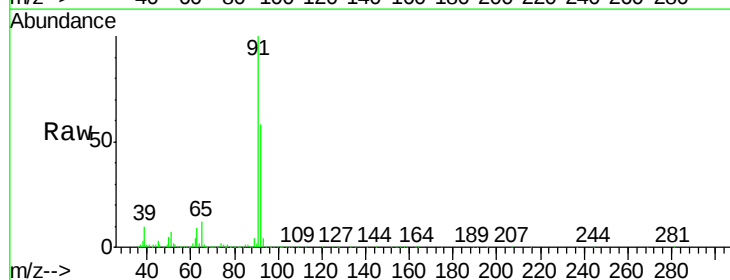
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#52
Toluene
Concen: 19.838 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 92 Resp: 218100
Ion Ratio Lower Upper
92 100
91 167.5 140.3 210.5





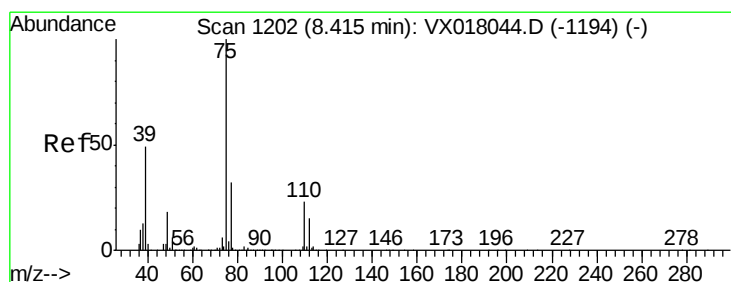
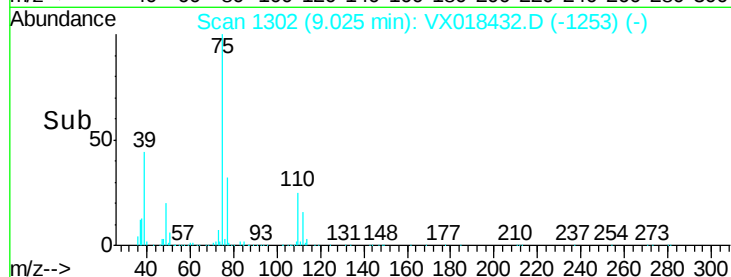
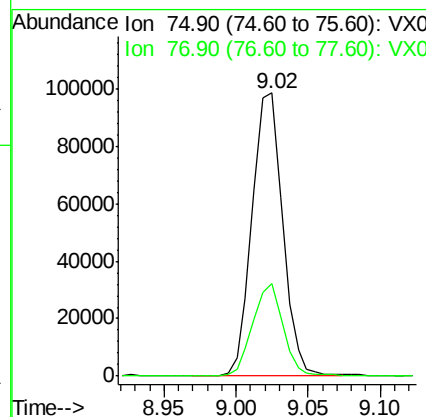
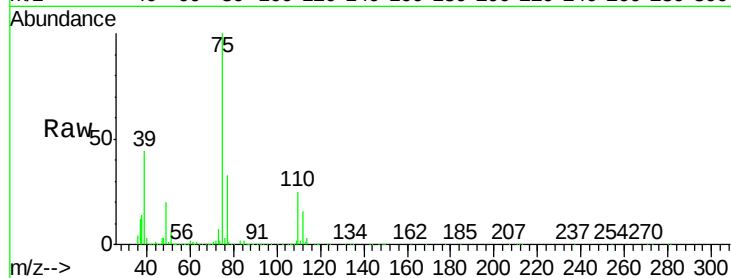
#53
t-1,3-Dichloropropene
Concen: 19.927 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.6	39.8

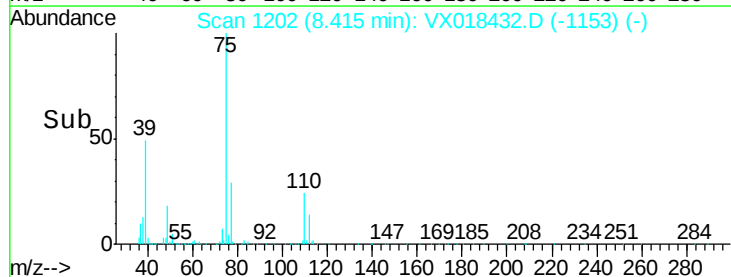
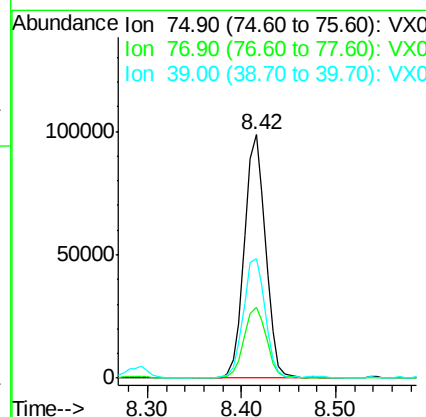
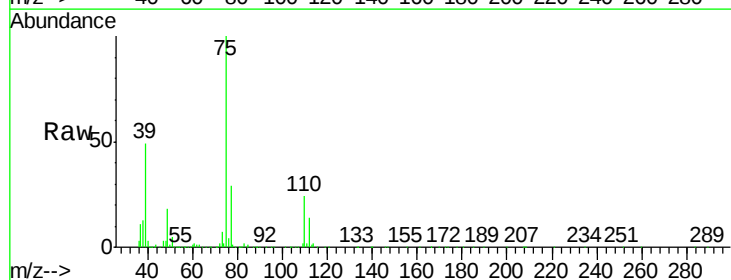
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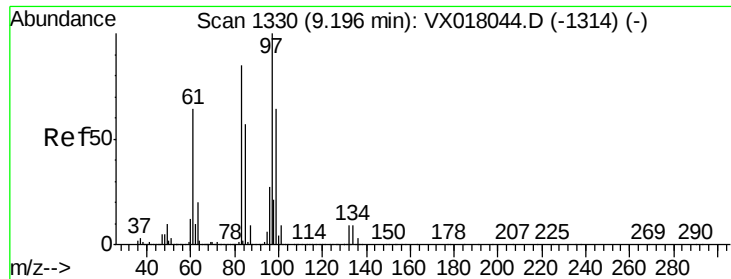
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#54
cis-1,3-Dichloropropene
Concen: 20.173 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.8	38.8
39	48.7	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 19.413 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

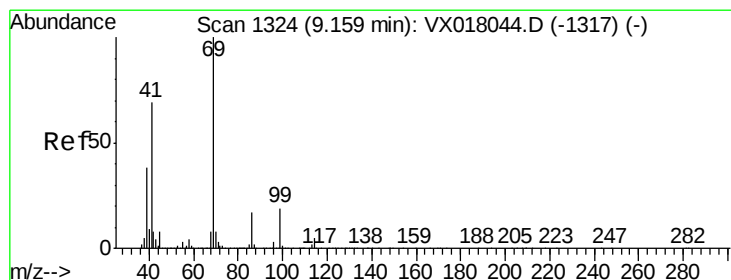
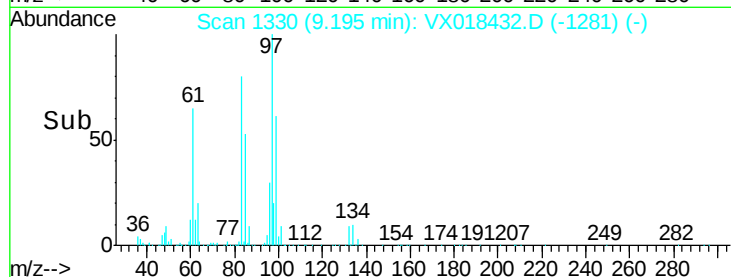
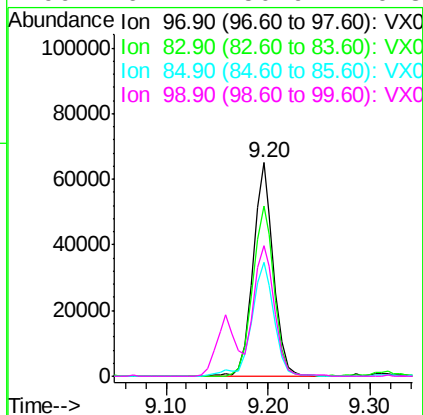
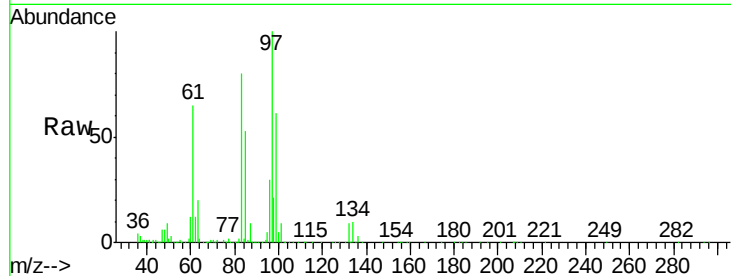
ClientSampleId :

VX0916WBS01

Tot Ion:	97	Resp:	91024
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.8	101.6
85	53.3	45.3	67.9
99	61.2	50.9	76.3

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#56

Ethyl methacrylate

Concen: 18.248 ug/l

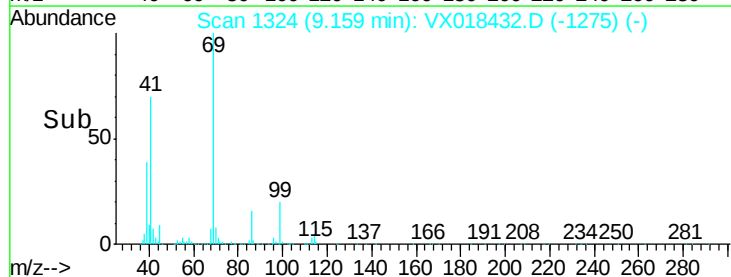
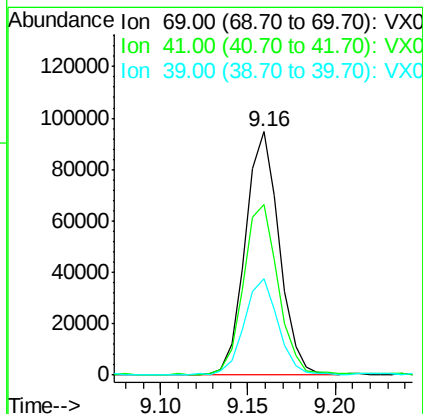
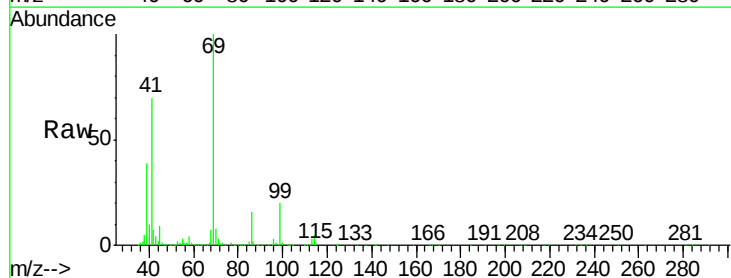
RT: 9.16 min Scan# 1324

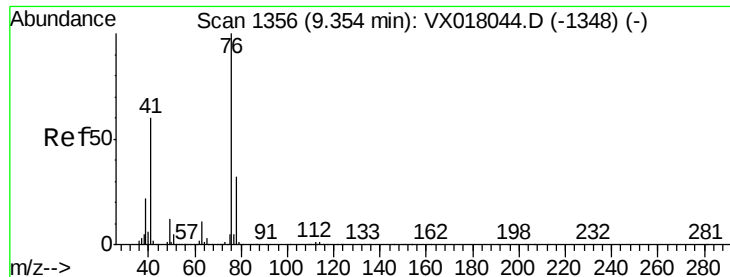
Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	69	Resp:	127198
Ion	Ratio	Lower	Upper
69	100		
41	71.1	54.6	81.8
39	40.3	29.1	43.7





#57

1,3-Dichloropropane

Concen: 19.678 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 76 Resp: 152185

Ion Ratio Lower Upper

76 100

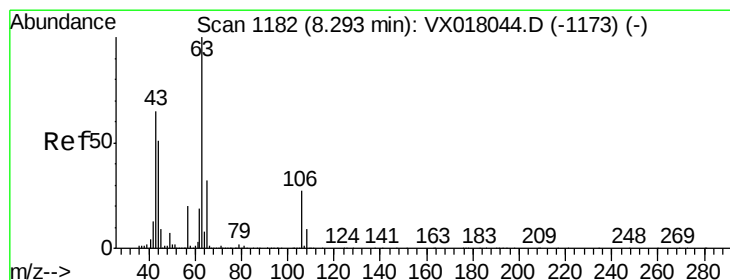
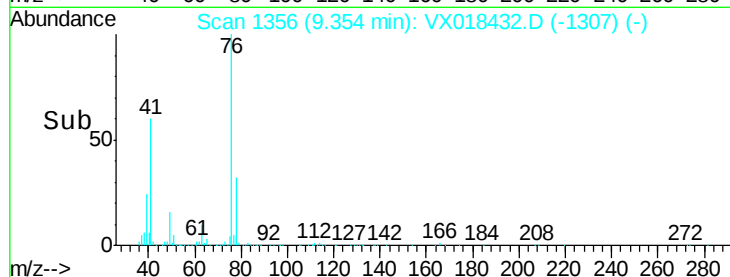
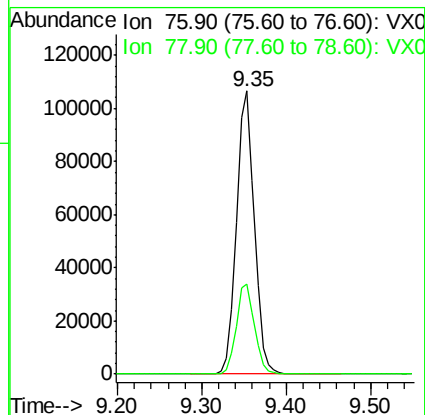
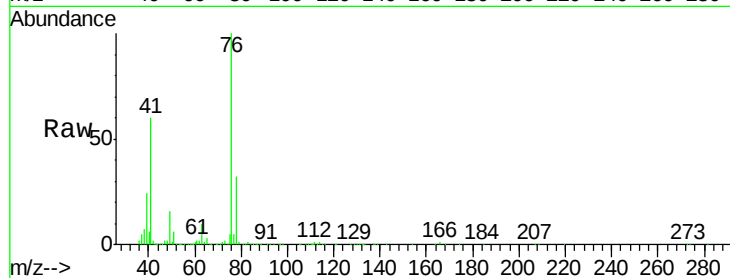
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 106.074 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018432.D

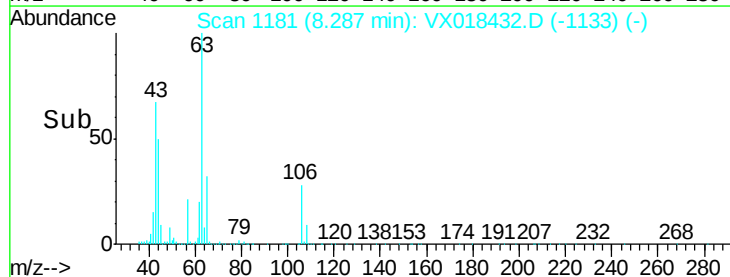
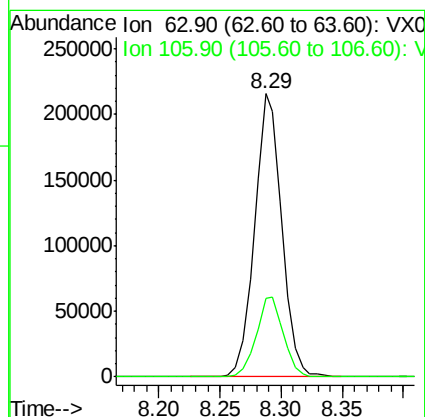
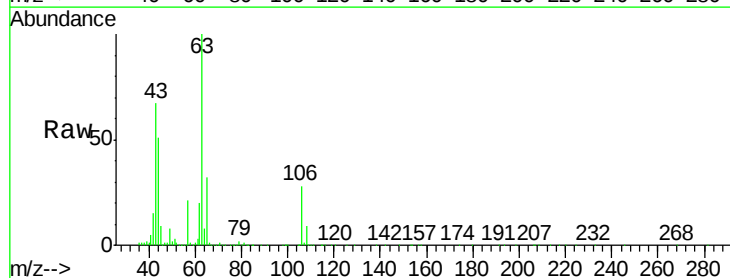
Acq: 16 Sep 2020 11:31

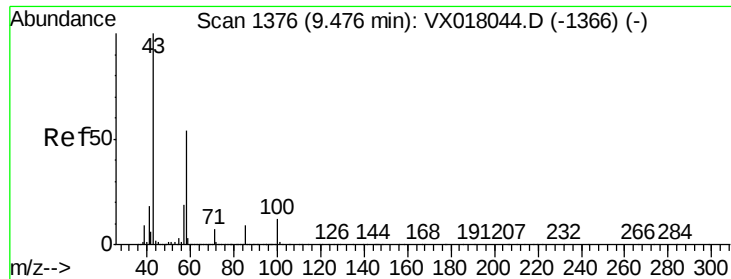
Tgt Ion: 63 Resp: 332611

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1





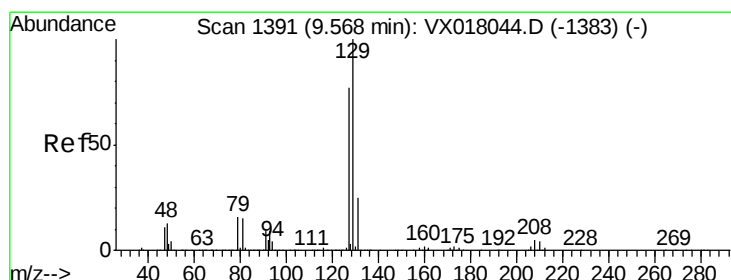
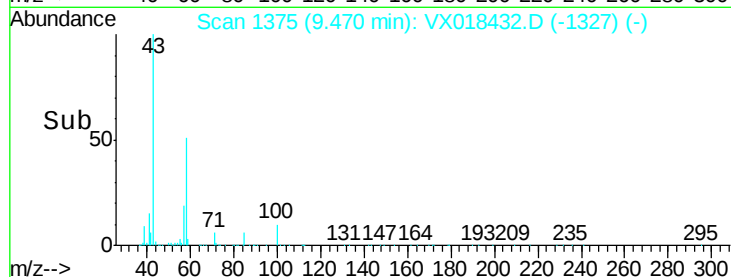
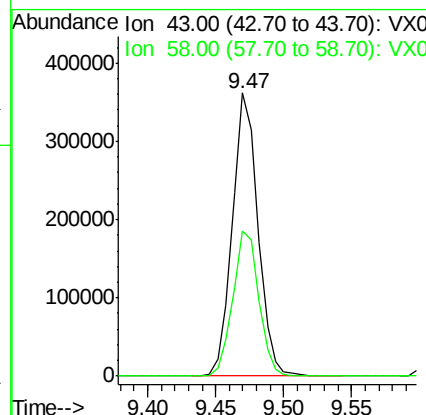
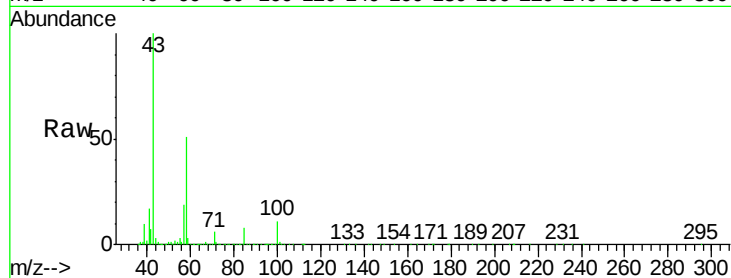
#59
2-Hexanone
Concen: 90.703 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.6	79.7

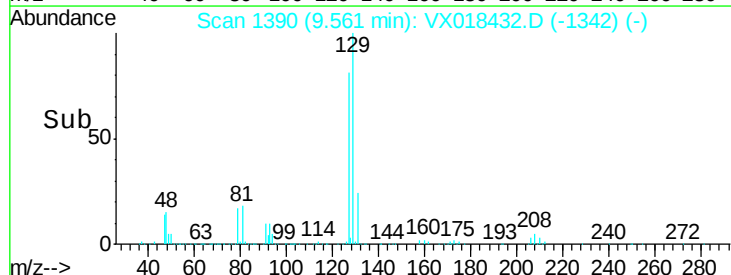
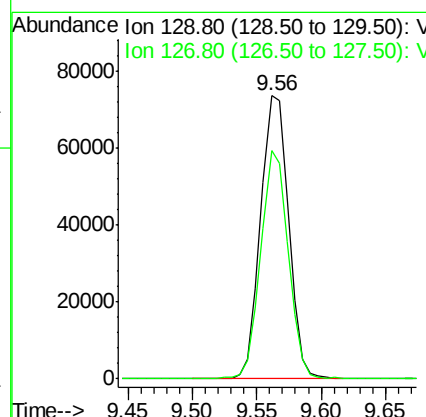
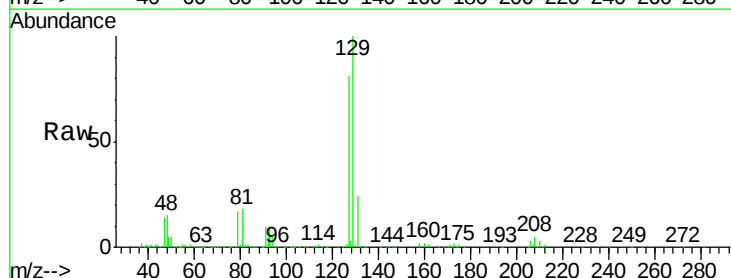
Manual Integrations
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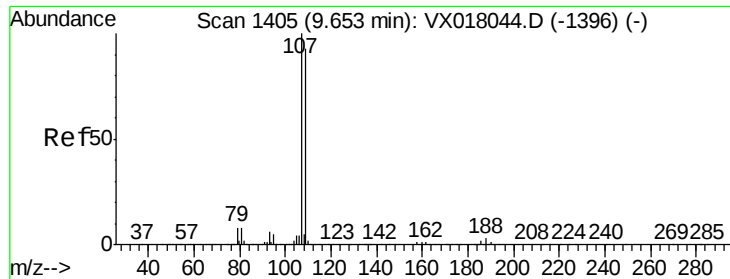
MMDadoda
9/17/2020 11:27:18 AM



#60
Dibromochloromethane
Concen: 20.160 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.4	38.9	116.6





#61

1,2-Dibromoethane

Concen: 19.458 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 107 Resp: 99052

Ion Ratio Lower Upper

107 100

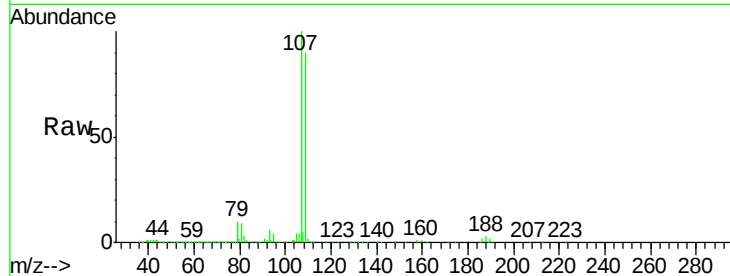
109 94.0 75.9 113.9

Manual Integrations

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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

80000

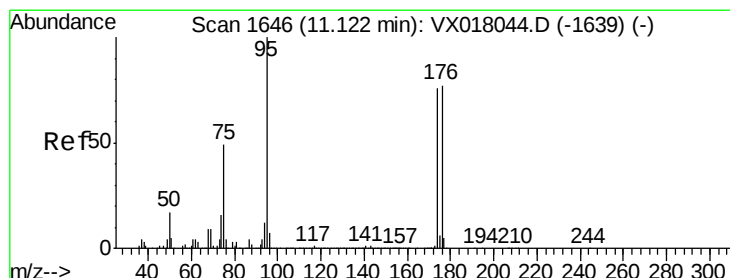
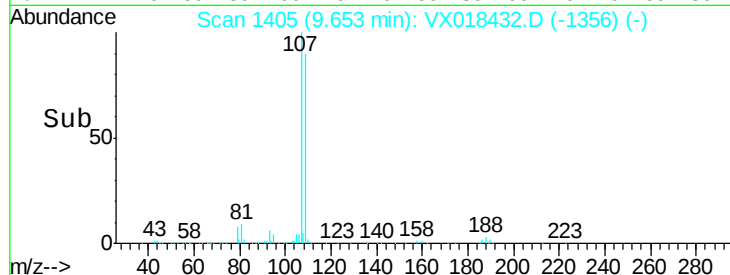
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.519 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

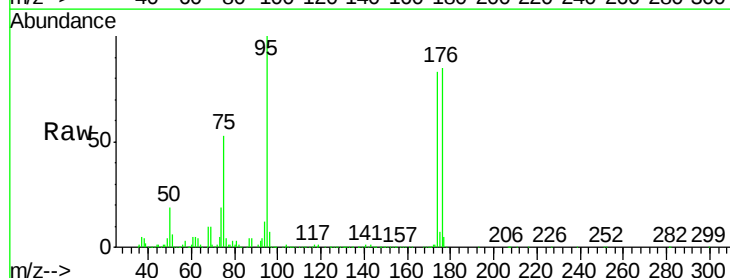
Tgt Ion: 95 Resp: 316158

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.2

176 80.3 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

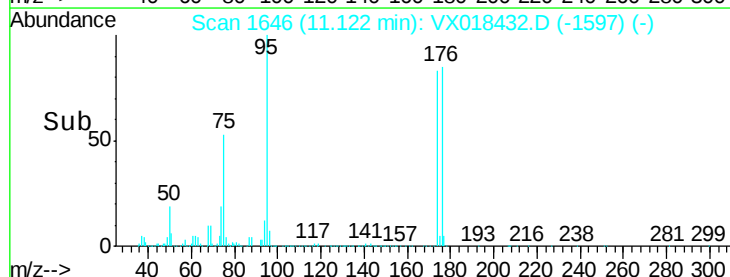
300000

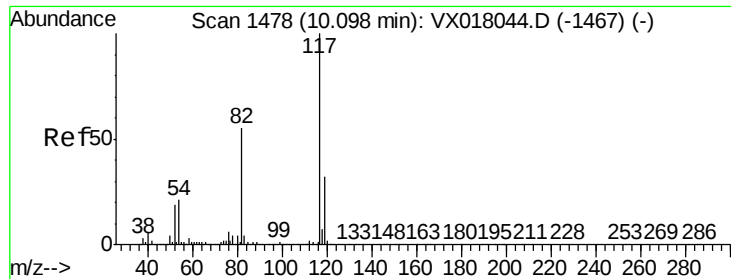
200000

100000

0

Time-->





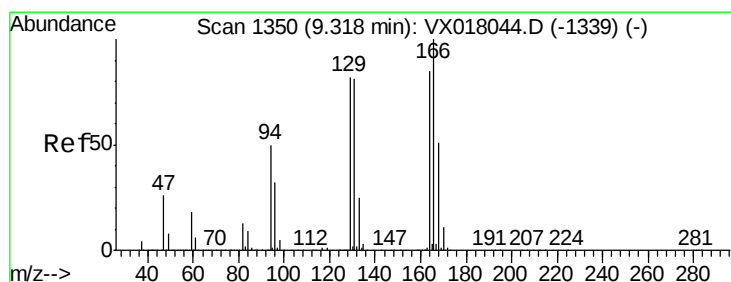
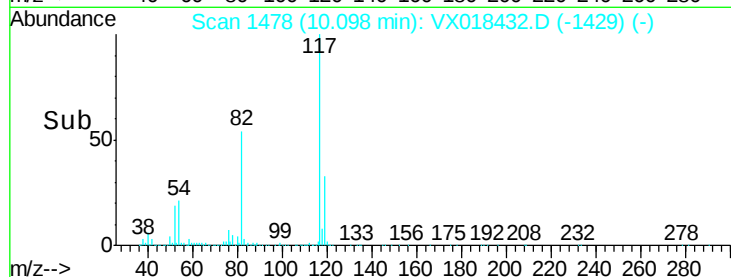
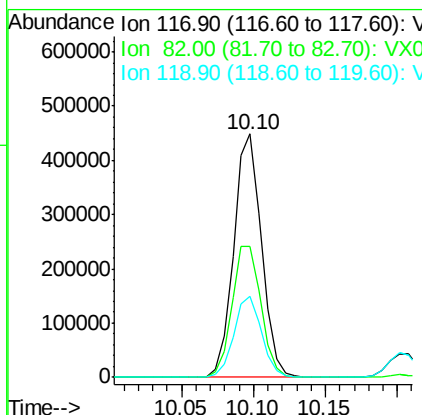
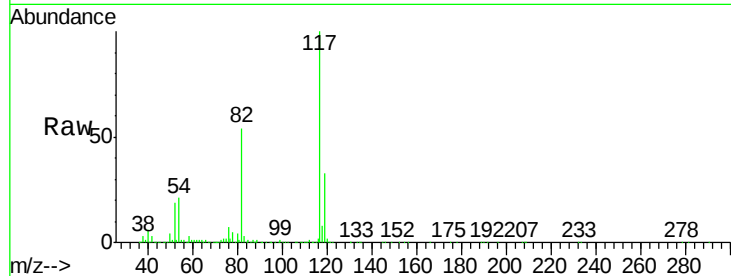
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.2	66.2
119	33.4	25.7	38.5

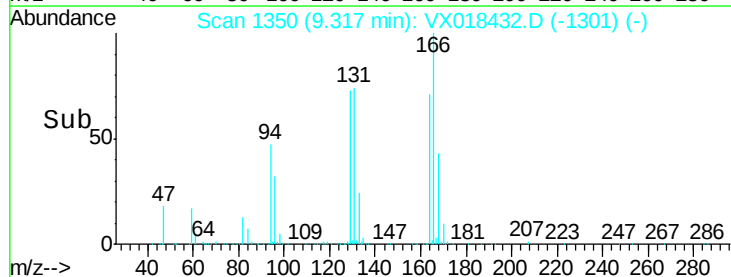
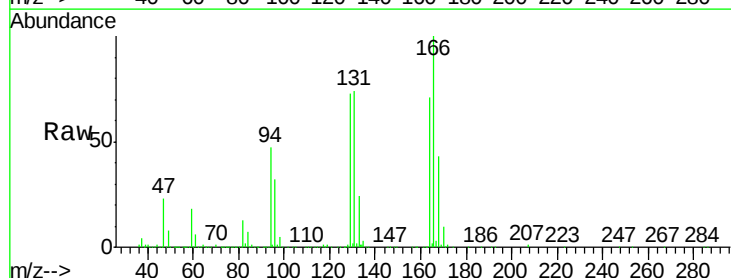
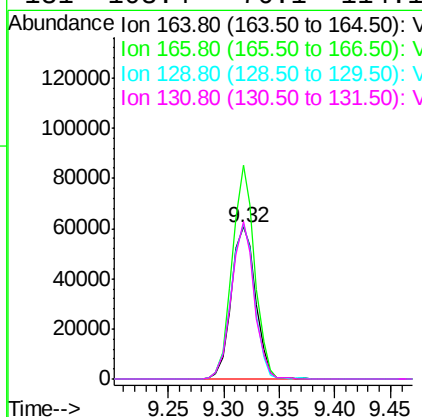
Manual Integrations
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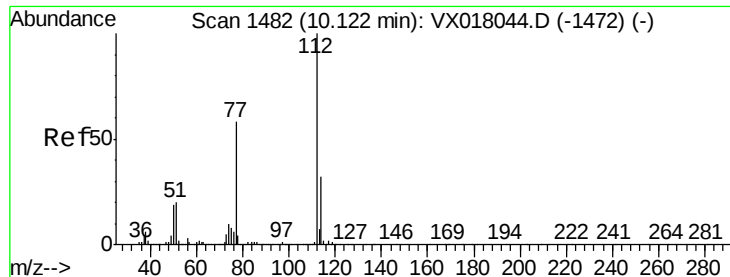
MMDadoda
9/17/2020 11:27:18 AM



#64
Tetrachloroethene
Concen: 20.640 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	140.3	94.2	141.2
129	102.1	76.9	115.3
131	103.4	76.1	114.1





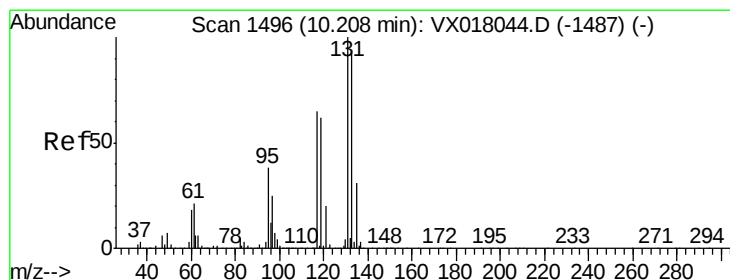
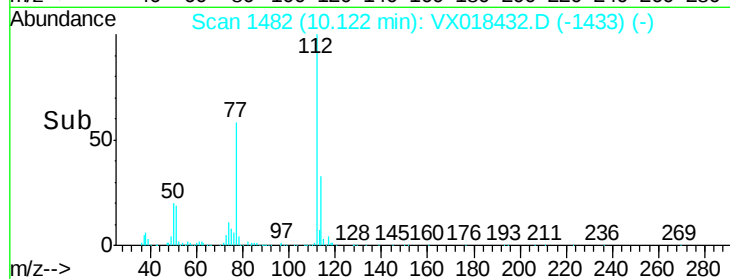
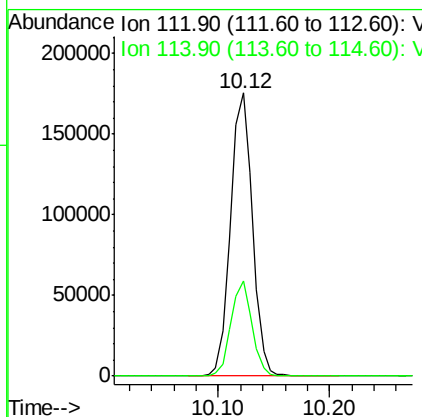
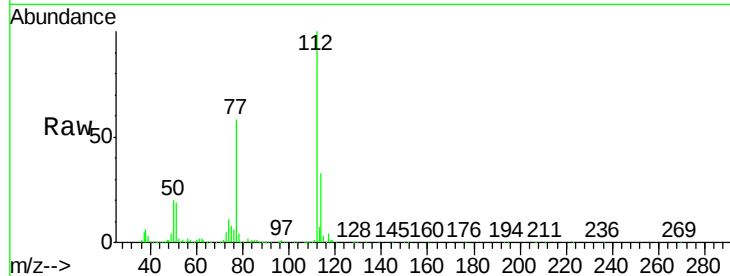
#65
Chlorobenzene
Concen: 19.838 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	239192		
114	33.4	25.7	38.5	

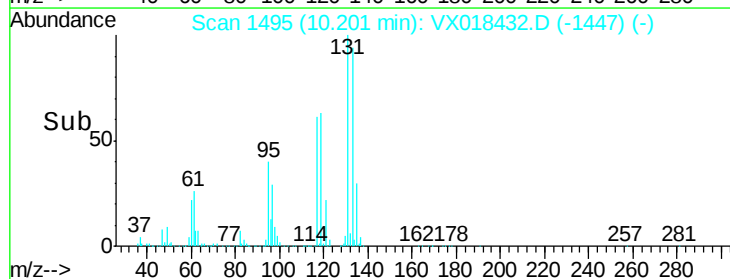
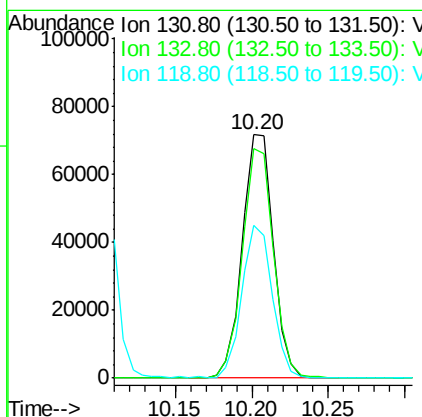
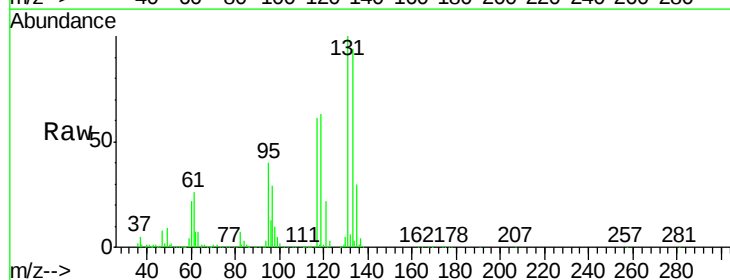
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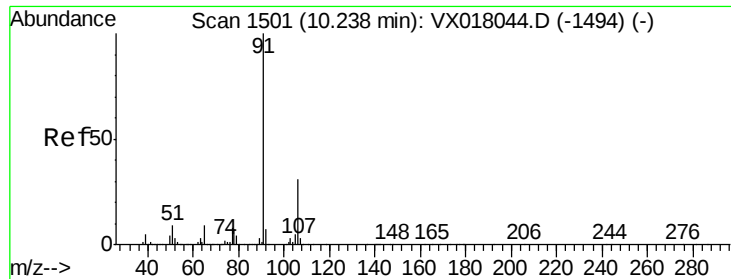
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.276 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	101106		
133	94.9	46.7	140.1	
119	61.5	31.8	95.4	





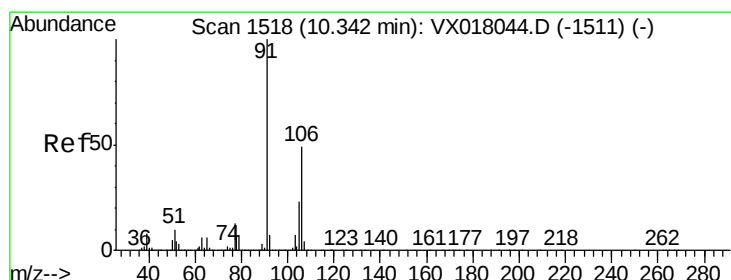
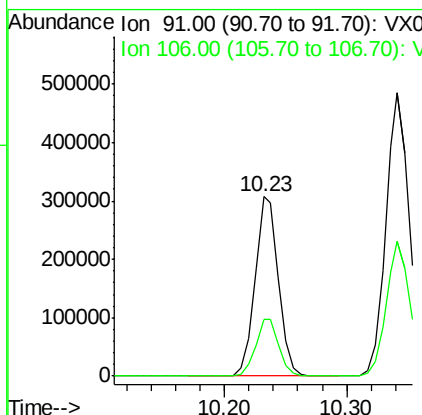
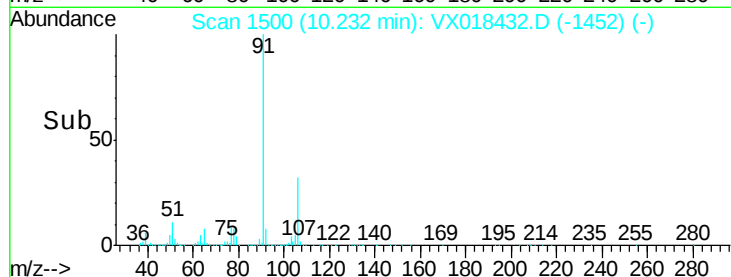
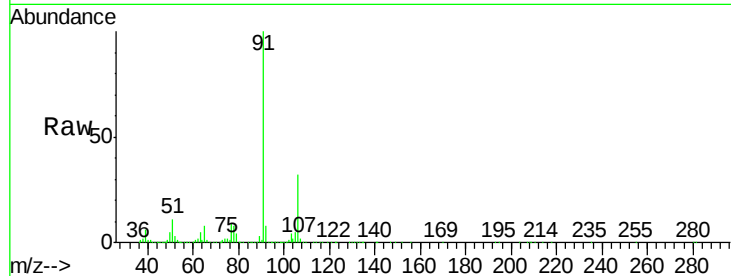
#67
Ethyl Benzene
Concen: 19.988 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleID :
VX0916WBS01

Tot Ion: 91 Resp: 409837
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

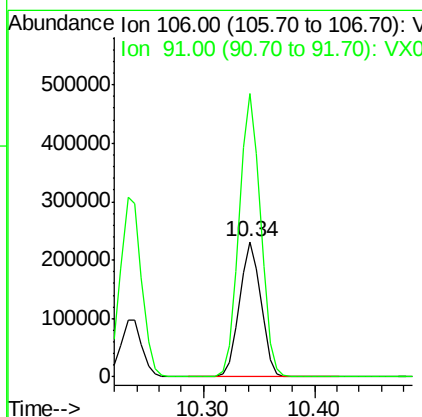
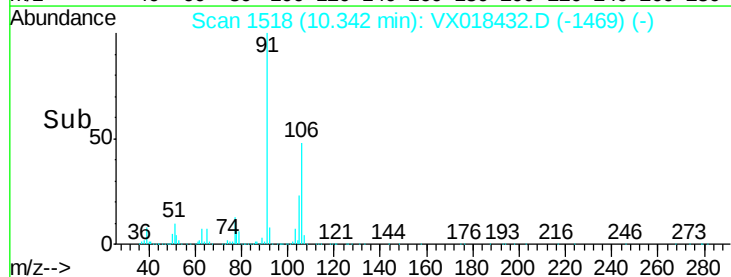
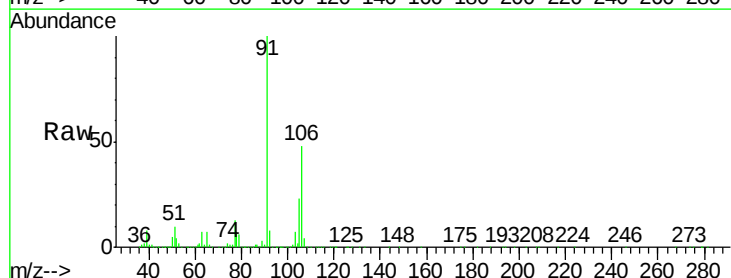
Manual Integrations
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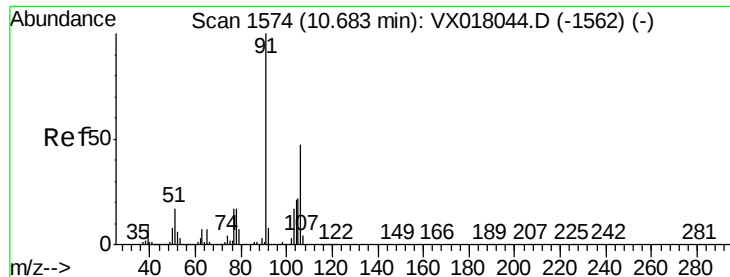
MMDadoda
9/17/2020 11:27:18 AM



#68
m/p-Xylenes
Concen: 40.369 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 106 Resp: 308954
Ion Ratio Lower Upper
106 100
91 209.4 162.2 243.2





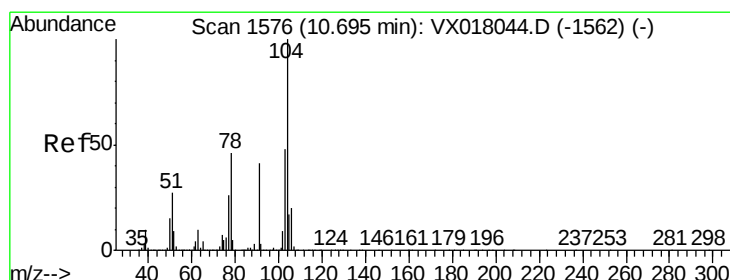
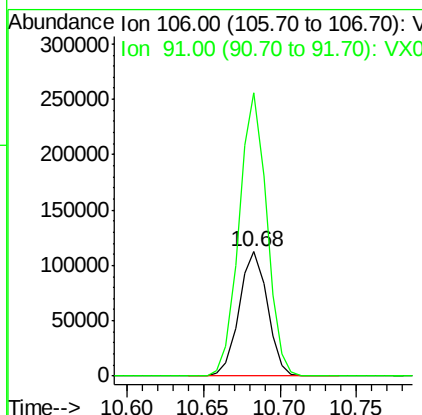
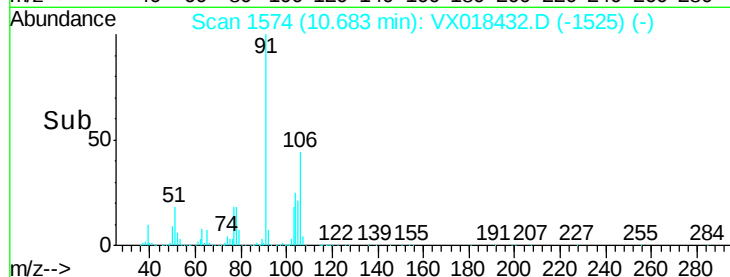
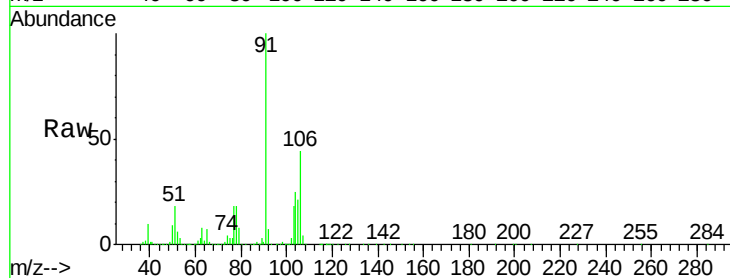
#69
o-Xylene
Concen: 19.646 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	220.5	107.1	321.3	

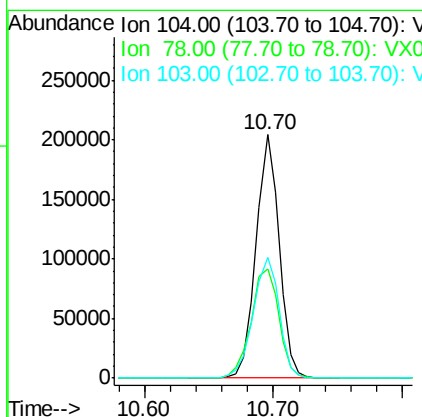
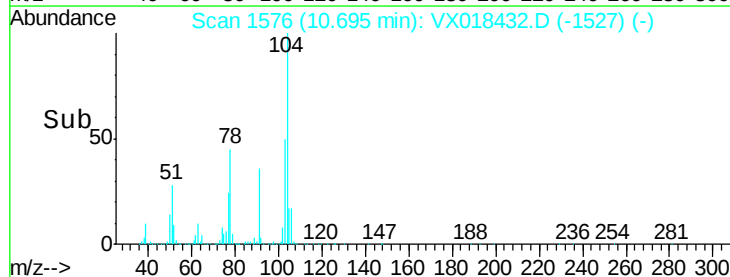
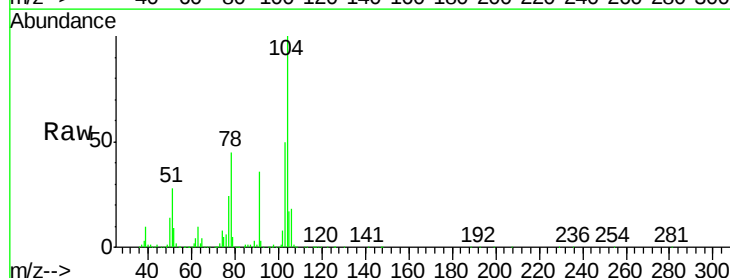
Manual Integrations
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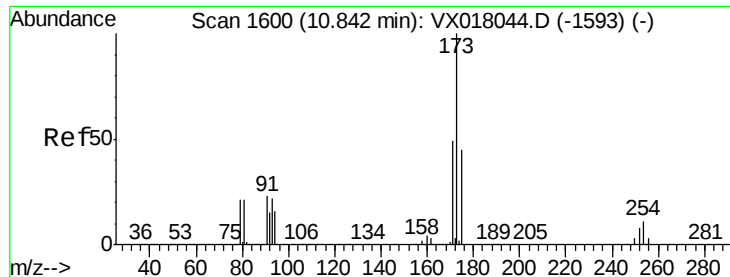
MMDadoda
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#70
Styrene
Concen: 19.892 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
104	100			
78	53.9	40.9	61.3	
103	55.9	43.6	65.4	





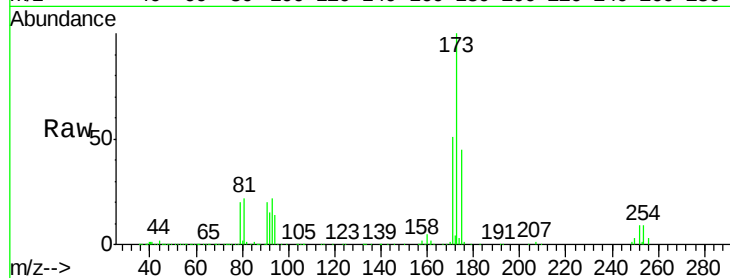
#71
Bromoform
Concen: 20.111 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.9	71.8
254	0.1	0.2	0.2#

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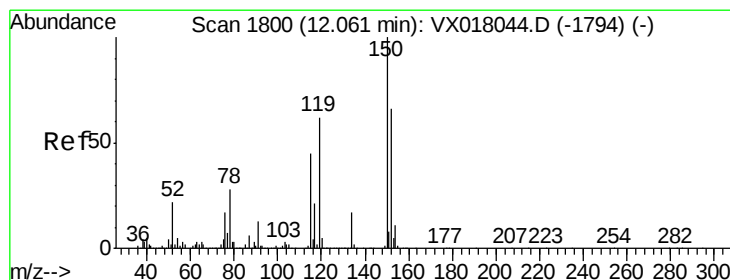
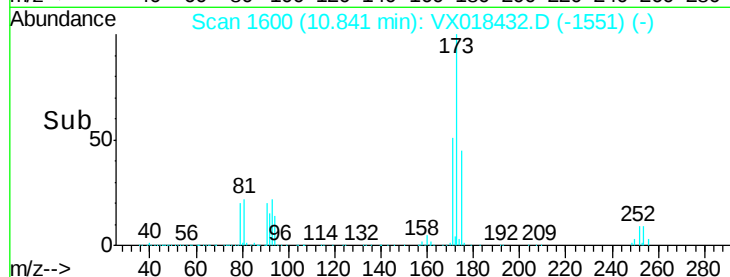
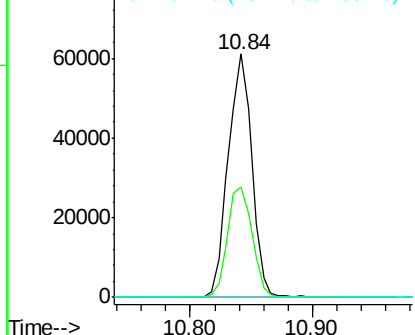


Abundance

Ion 172.70 (172.40 to 173.40): V

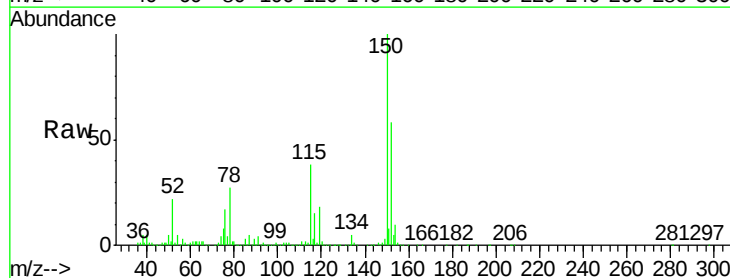
Ion 174.70 (174.40 to 175.40): V

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: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.1	41.5	124.5
150	167.8	0.0	343.8

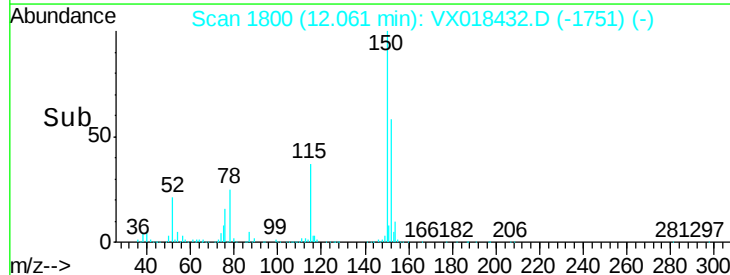
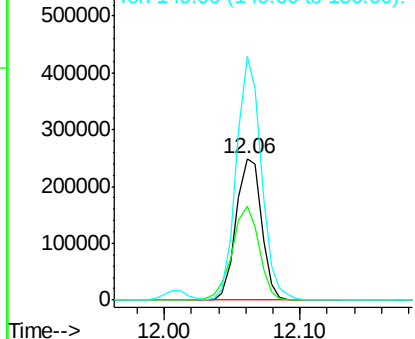


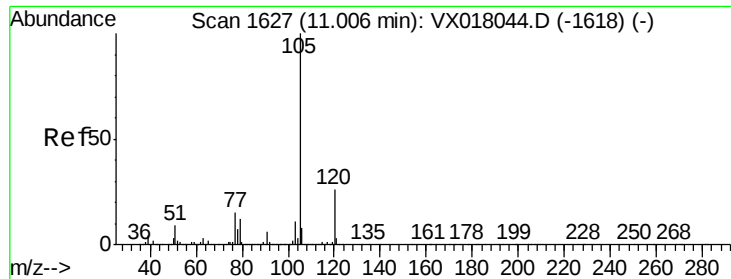
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.147 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 105 Resp: 410863

Ion Ratio Lower Upper

105 100

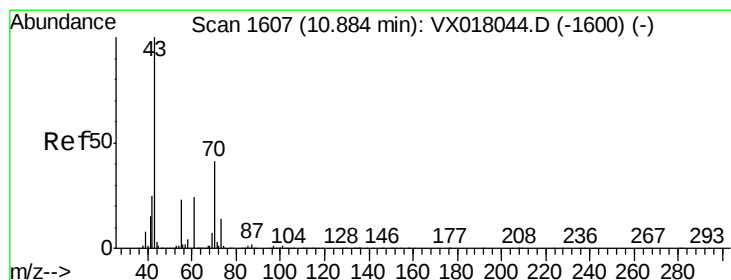
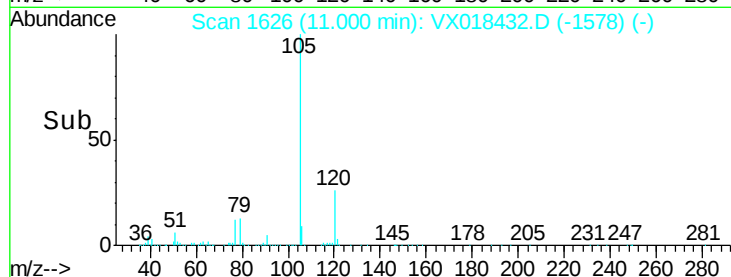
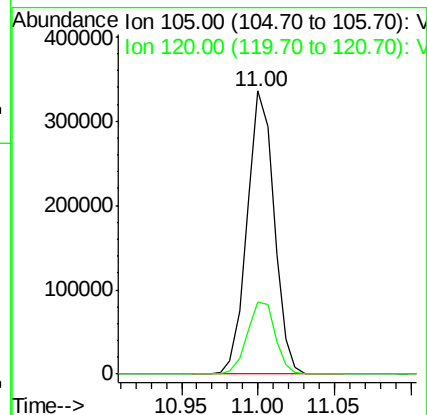
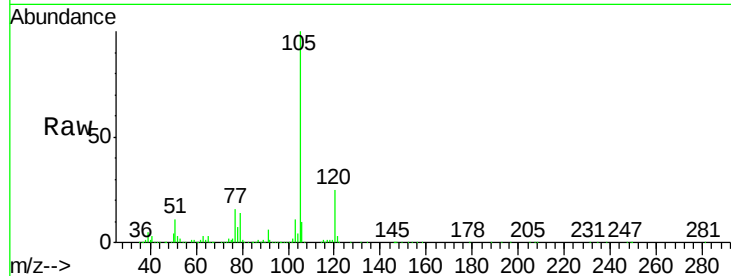
120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.851 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion: 43 Resp: 171567

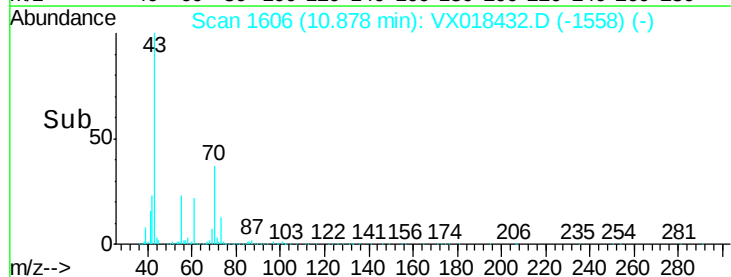
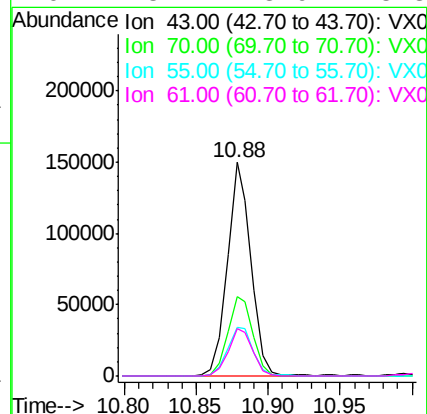
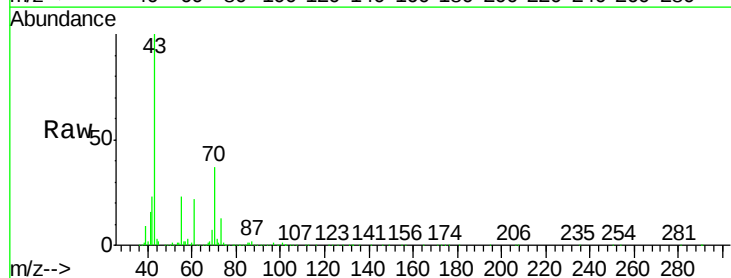
Ion Ratio Lower Upper

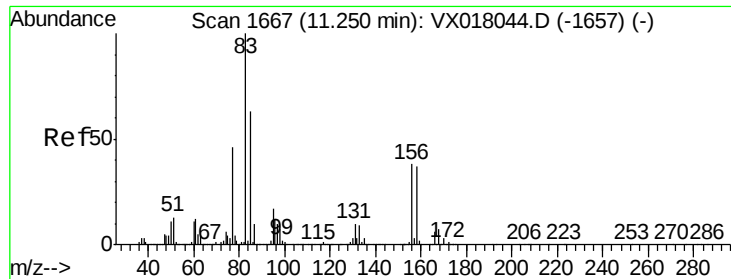
43 100

70 39.5 32.3 48.5

55 25.2 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.727 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

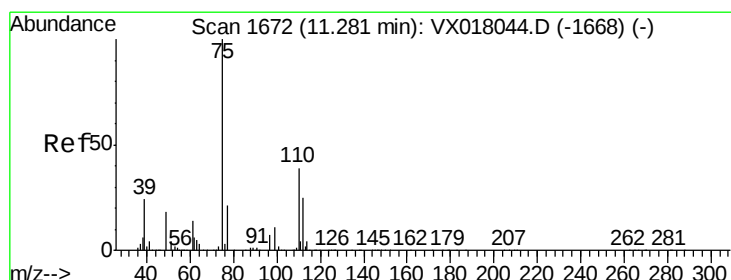
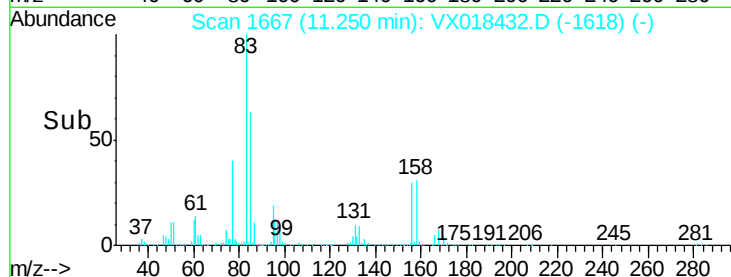
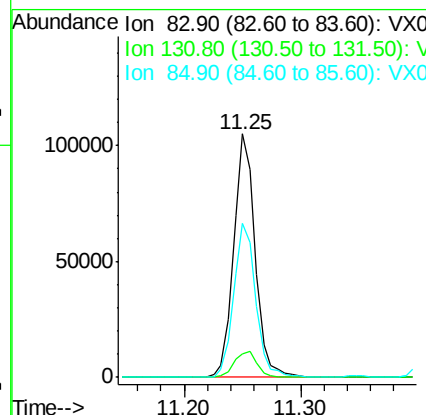
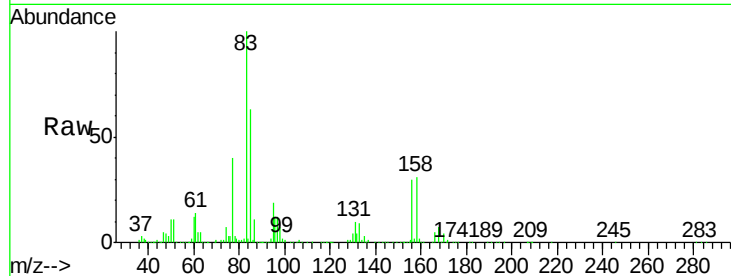
ClientSampled :

VX0916WBS01

Tot Ion:	83	Resp:	134193
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	65.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.349 ug/l m

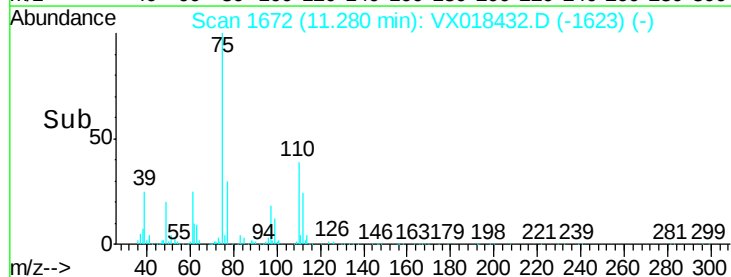
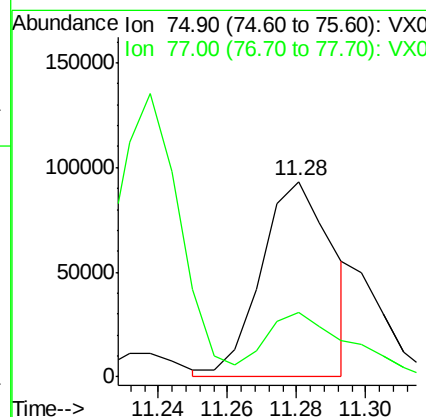
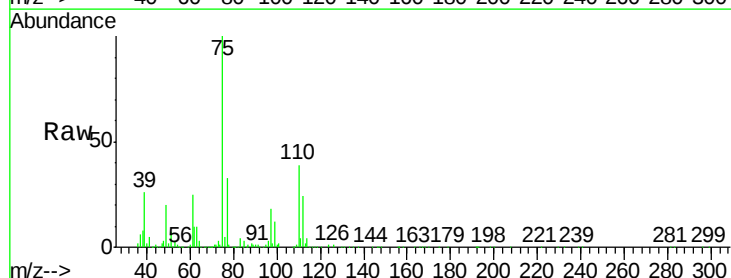
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	75	Resp:	132787
Ion Ratio	Lower	Upper	
75	100		
77	38.8	20.8	62.2





#77

Bromobenzene

Concen: 18.579 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

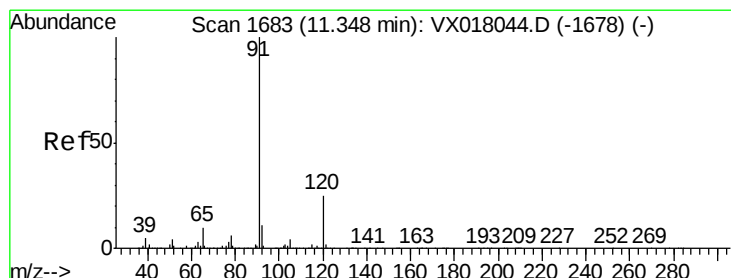
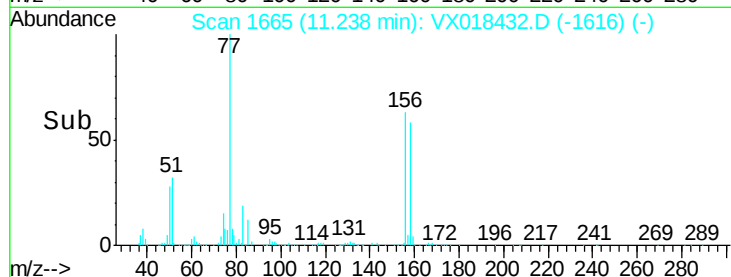
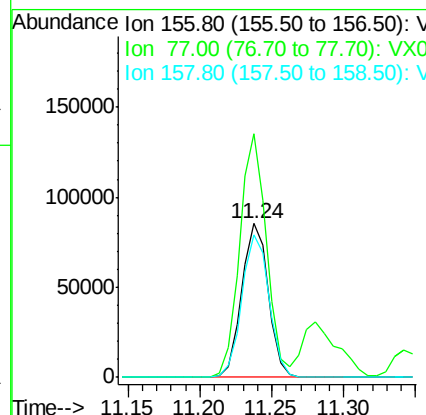
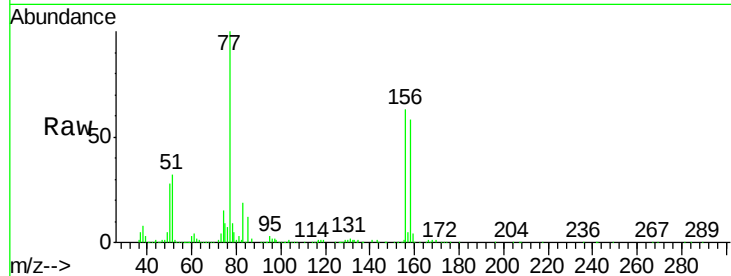
ClientSampleId :

VX0916WBS01

Tot Ion:	156	Resp:	110202
Ion Ratio	Lower	Upper	
156	100		
77	158.2	80.0	240.2
158	94.5	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 19.642 ug/l

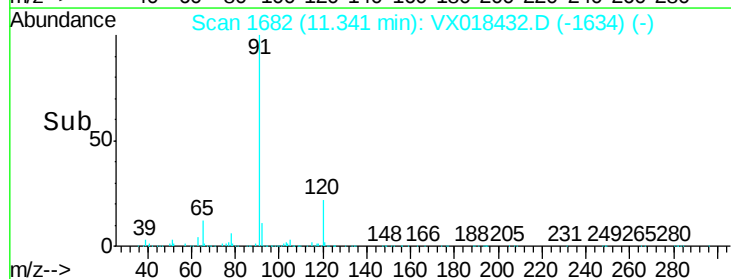
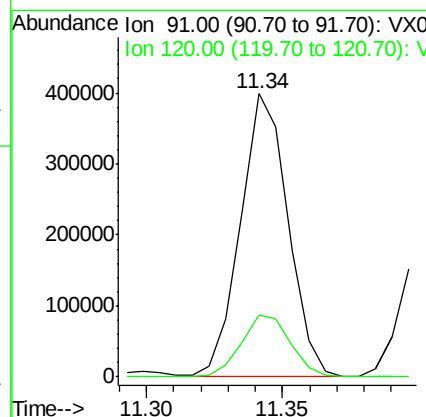
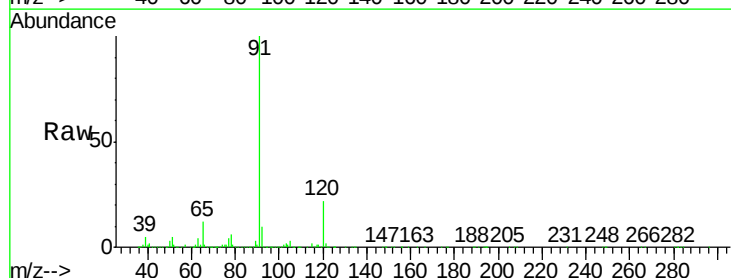
RT: 11.34 min Scan# 1682

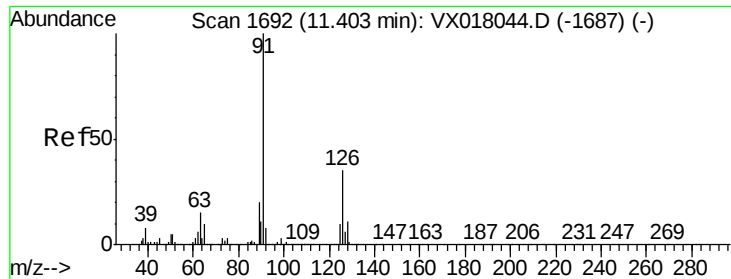
Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	91	Resp:	478583
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 19.402 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0916WBS01

Tot Ion: 91 Resp: 292070

Ion Ratio Lower Upper

91 100

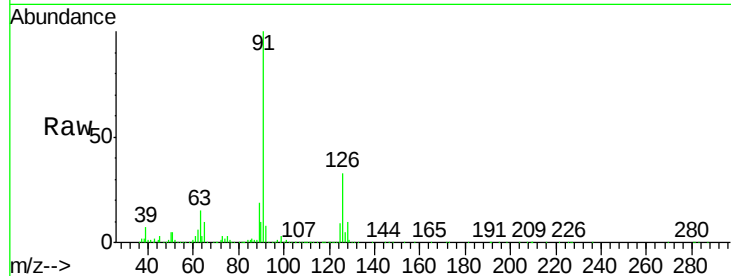
126 33.9 17.4 52.2

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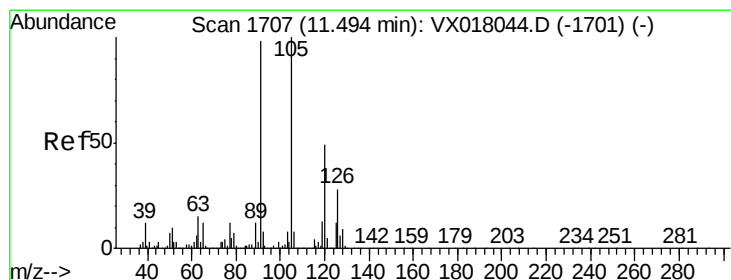
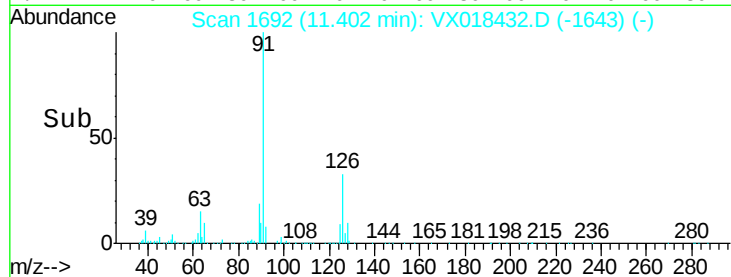
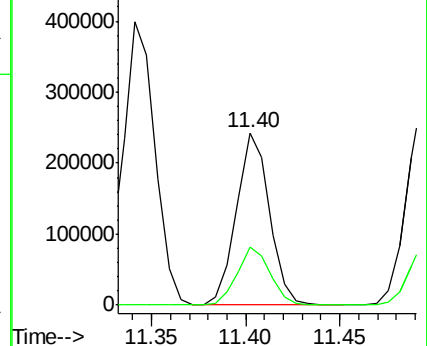
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.073 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018432.D

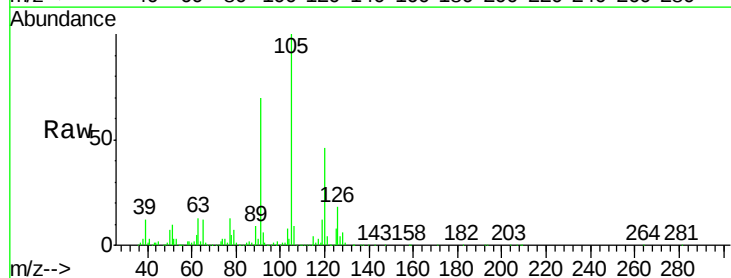
Acq: 16 Sep 2020 11:31

Tgt Ion: 105 Resp: 353955

Ion Ratio Lower Upper

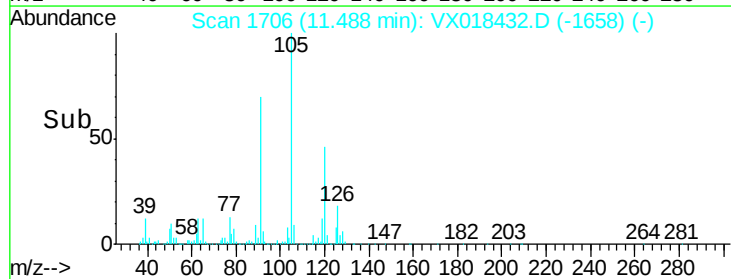
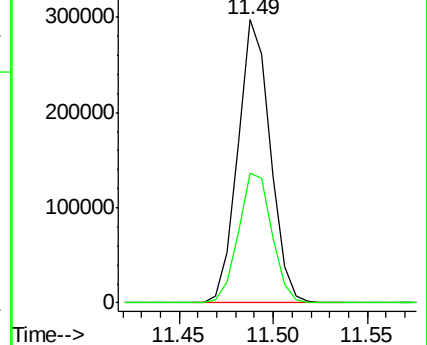
105 100

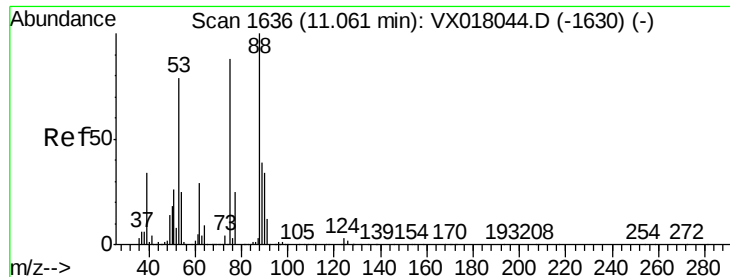
120 47.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.760 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 75 Resp: 47588

Ion Ratio Lower Upper

75 100

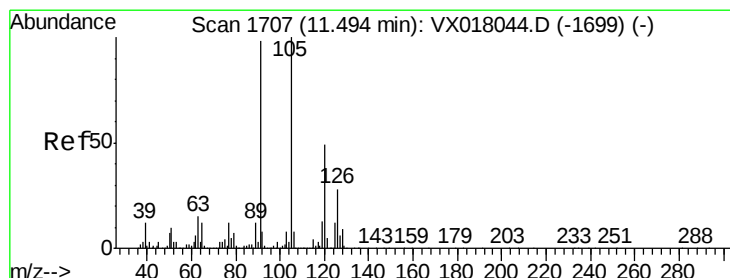
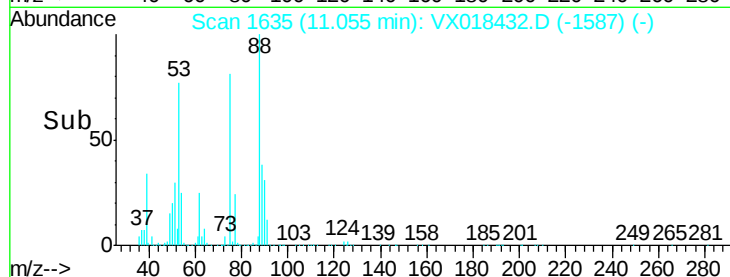
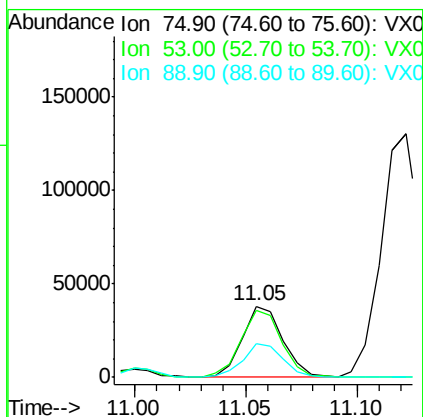
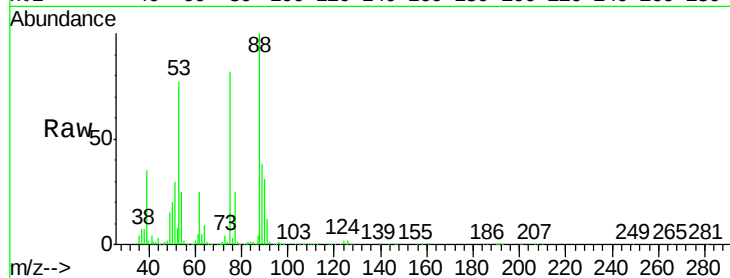
53 96.8 74.7 112.1

89 48.4 36.6 54.8

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#82

4-Chlorotoluene

Concen: 19.409 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018432.D

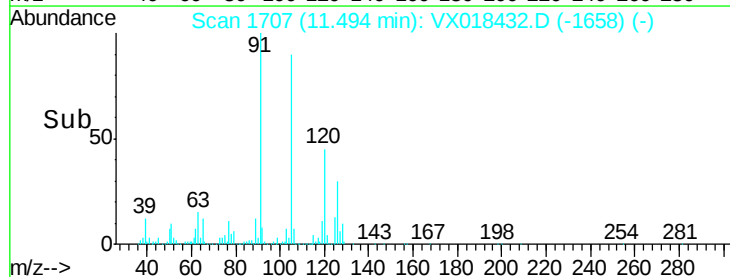
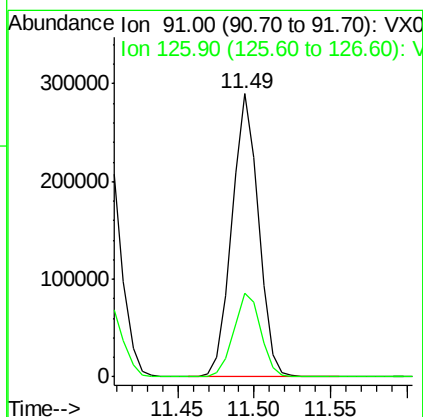
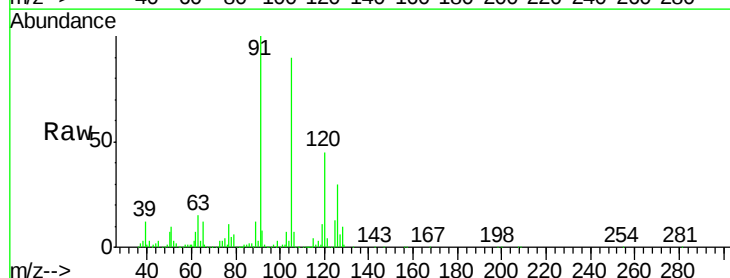
Acq: 16 Sep 2020 11:31

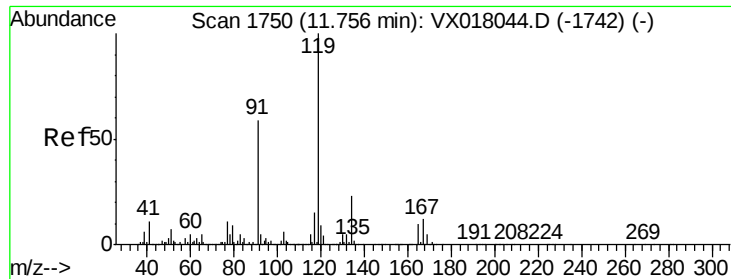
Tgt Ion: 91 Resp: 347330

Ion Ratio Lower Upper

91 100

126 30.4 15.1 45.3





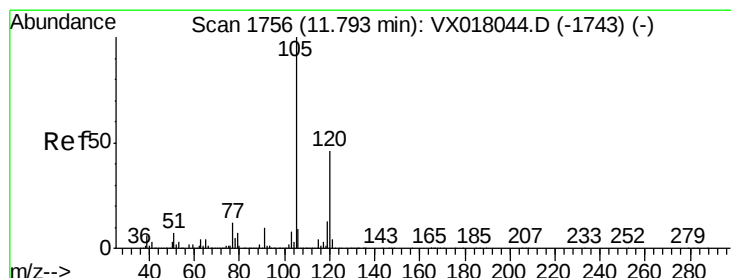
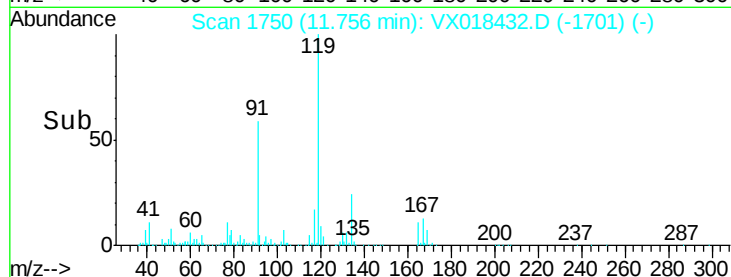
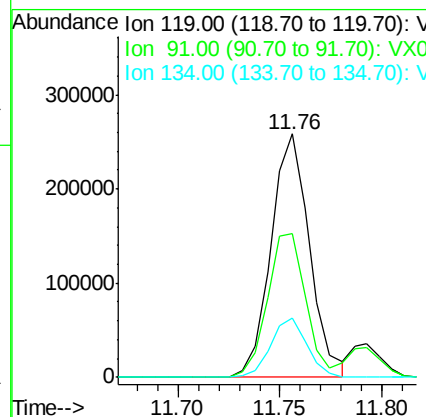
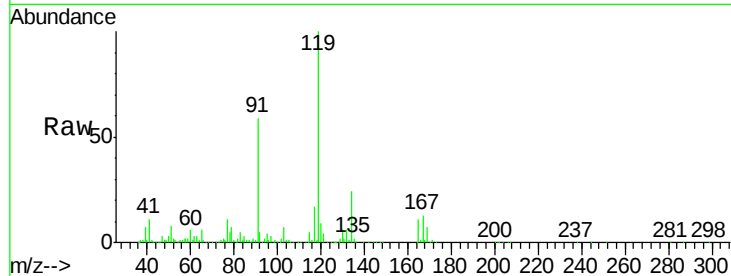
#83
tert-Butylbenzene
Concen: 19.558 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	340356		
91	58.8	28.2	84.7	
134	23.0	11.3	33.8	

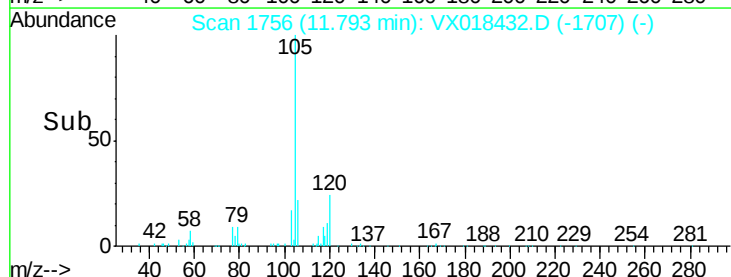
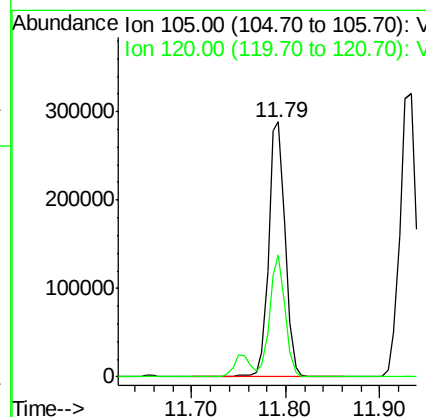
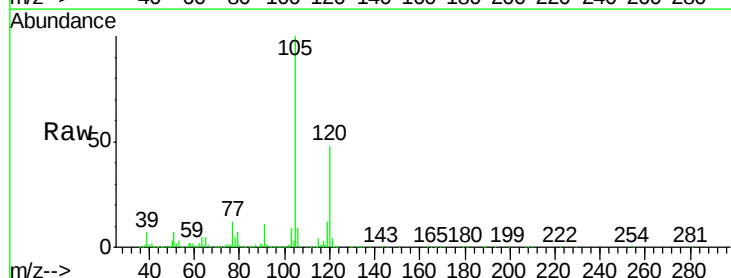
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#84
1,2,4-Trimethylbenzene
Concen: 19.833 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	357561		
120	44.2	22.3	66.9	





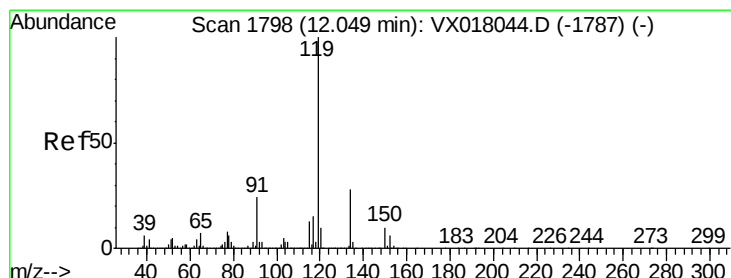
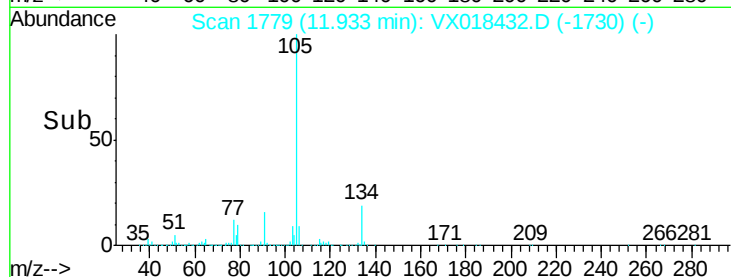
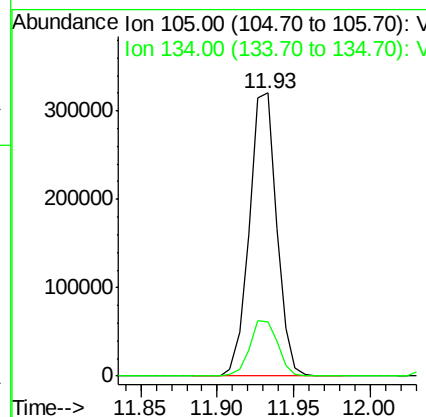
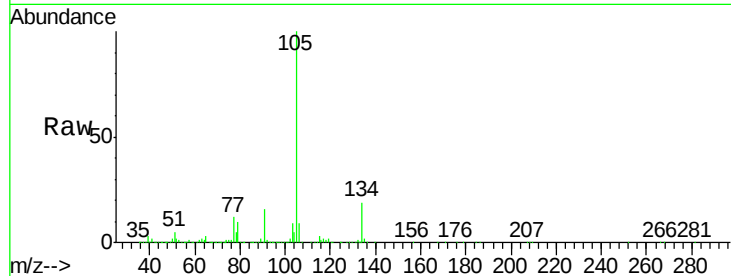
#85
 sec-Butylbenzene
 Concen: 20.066 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	397105		
134	20.2	10.1	30.3	

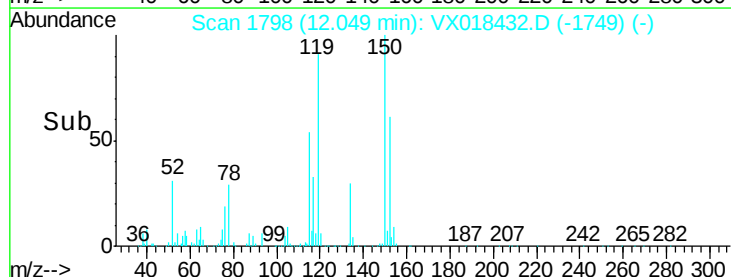
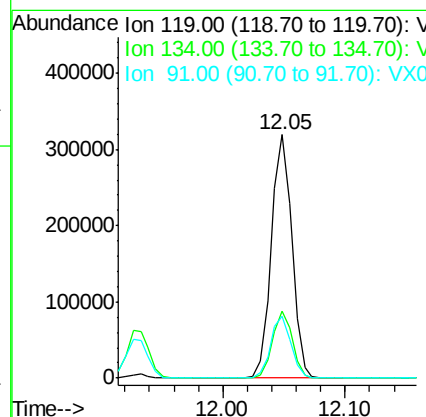
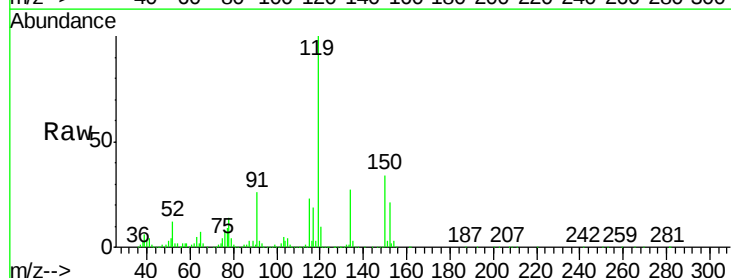
Manual Integrations
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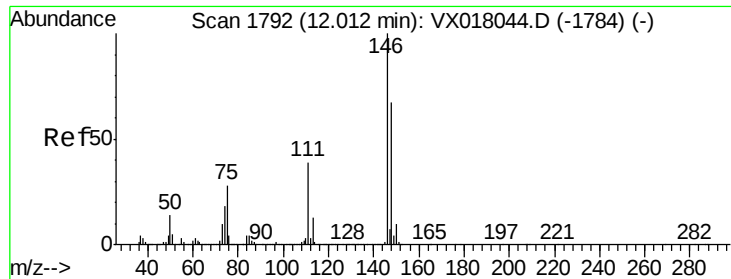
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#86
 p-Isopropyltoluene
 Concen: 20.564 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	373814		
134	26.5	13.2	39.5	
91	25.3	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 18.986 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

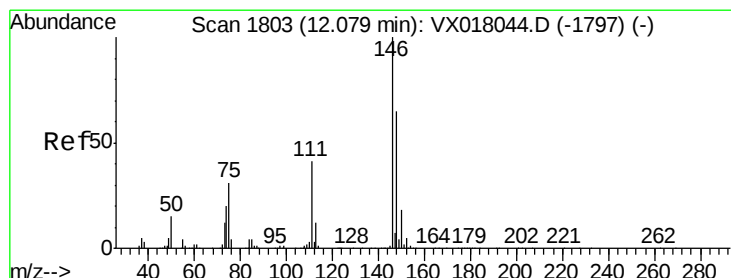
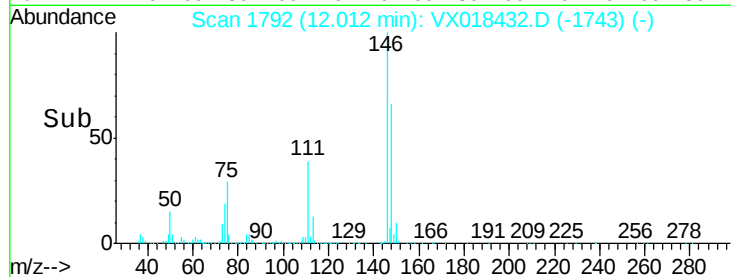
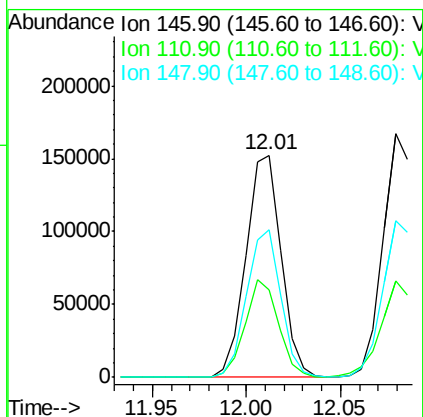
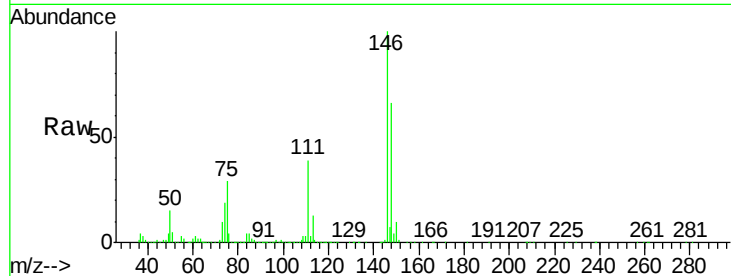
ClientSampleId :

VX0916WBS01

Tot Ion:	146	Resp:	197725
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.6	61.8
148	64.1	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.293 ug/l

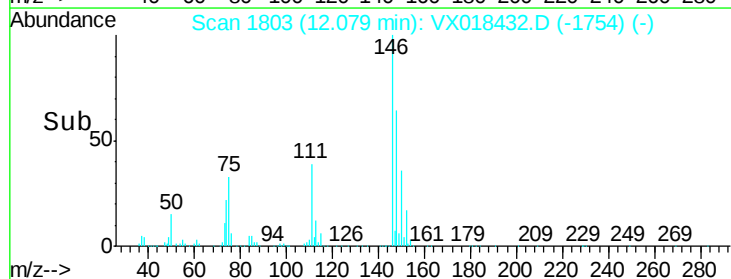
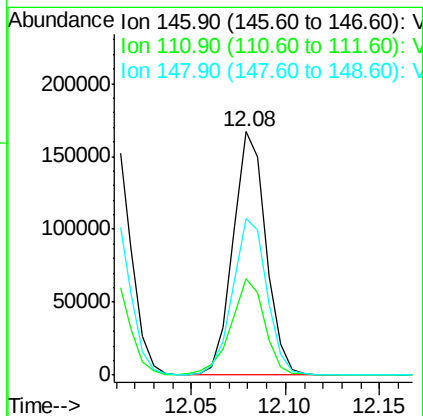
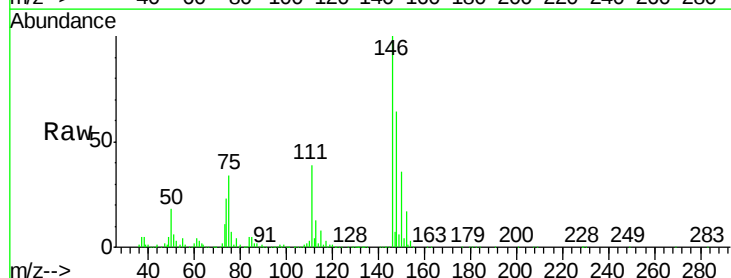
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	146	Resp:	201174
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.3	60.8
148	67.3	33.1	99.2





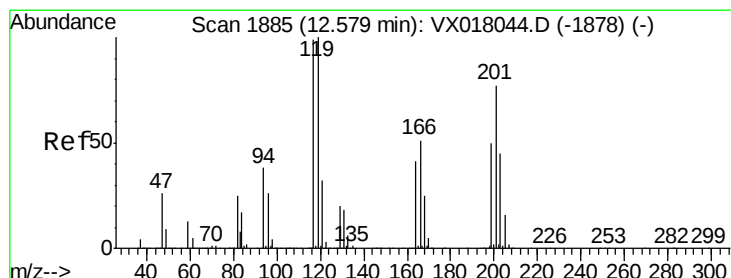
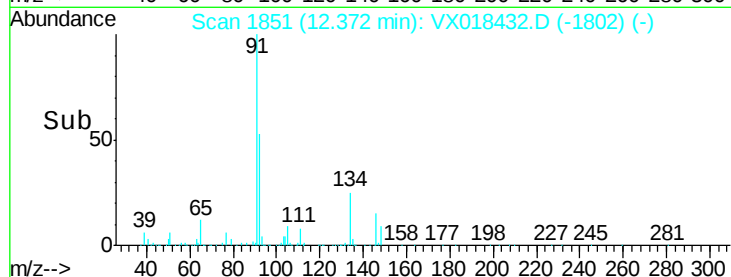
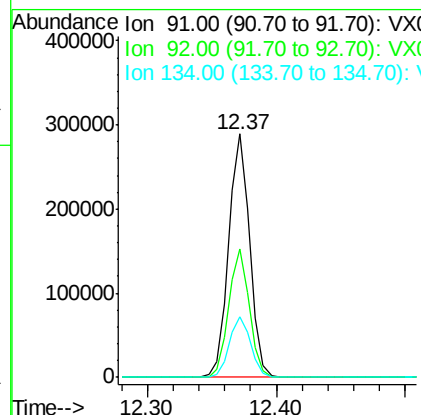
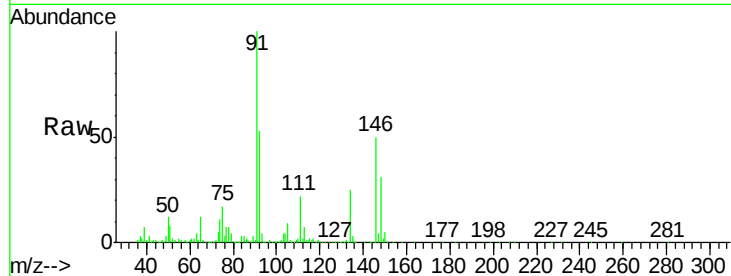
#89
n-Butylbenzene
Concen: 20.173 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.2
134	25.0	12.9	38.7

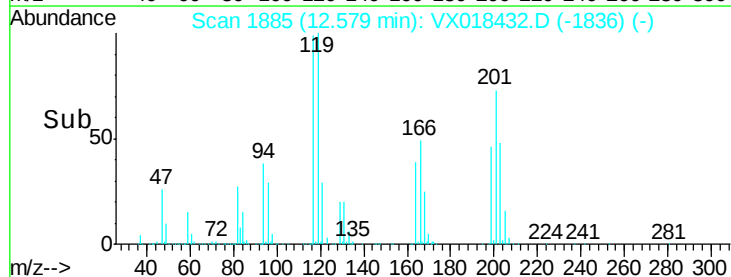
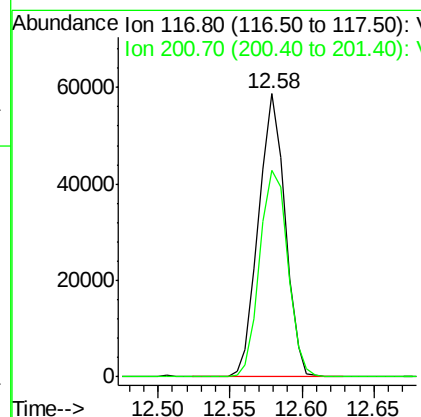
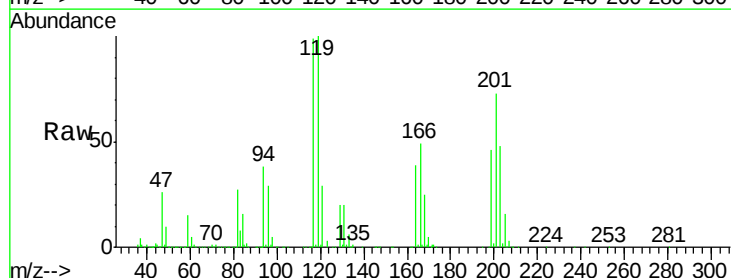
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#90
Hexachloroethane
Concen: 21.013 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.5	115.3





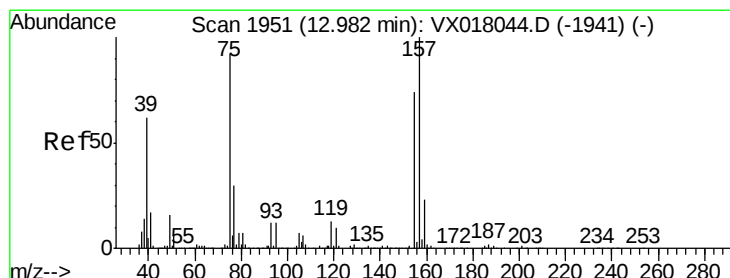
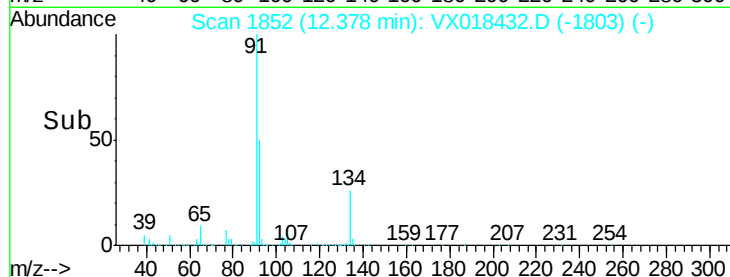
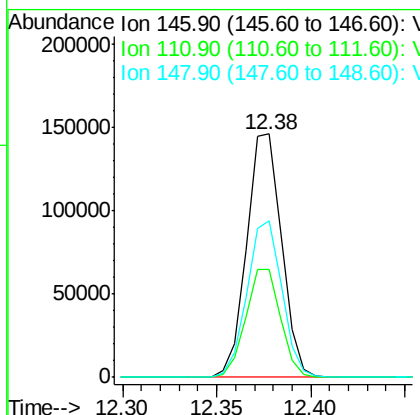
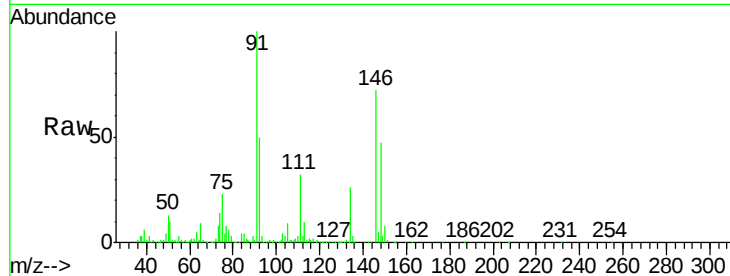
#91
 1,2-Dichlorobenzene
 Concen: 19.247 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	188683		
111	44.2	20.8	62.5	
148	64.3	31.6	95.0	

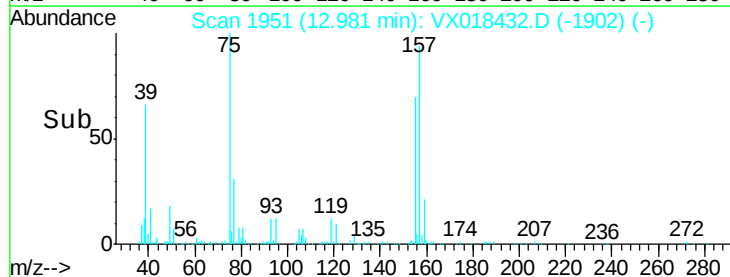
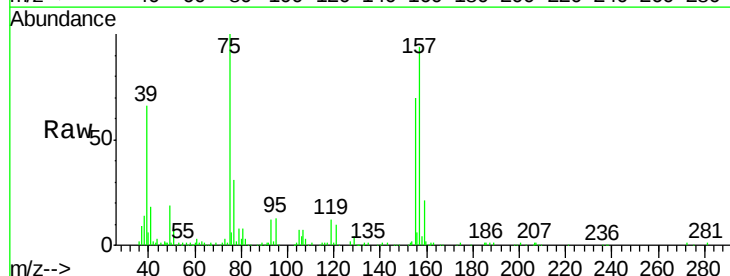
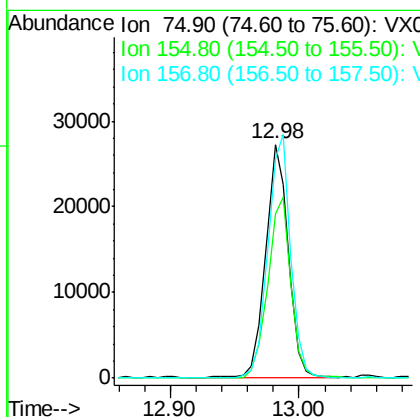
Manual Integrations
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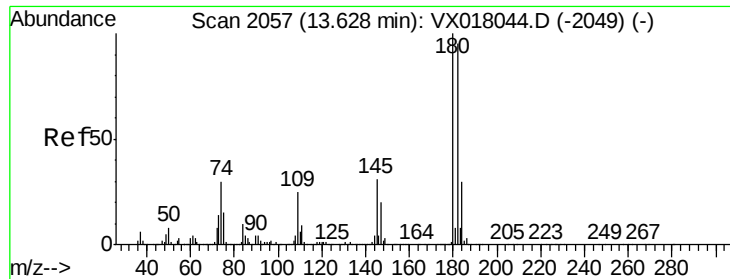
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.575 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	33265		
155	79.0	40.2	120.6	
157	104.7	55.0	165.2	





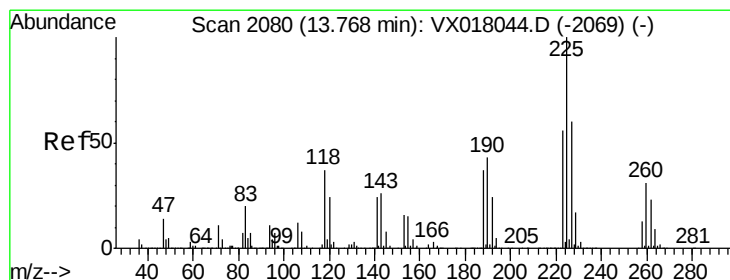
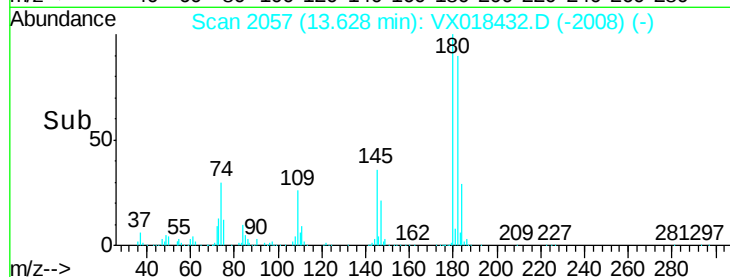
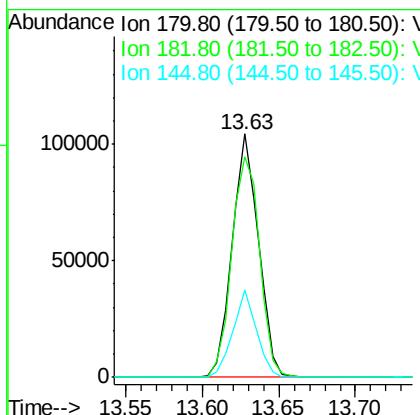
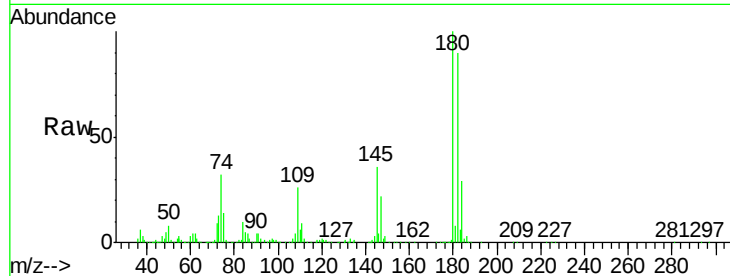
#93
 1,2,4-Trichlorobenzene
 Concen: 19.042 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124481		
182	96.3	47.5	142.6	
145	32.8	15.7	47.1	

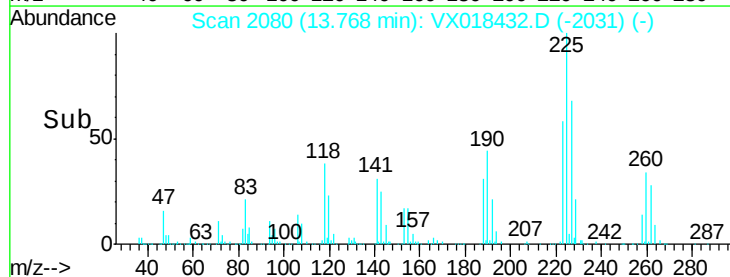
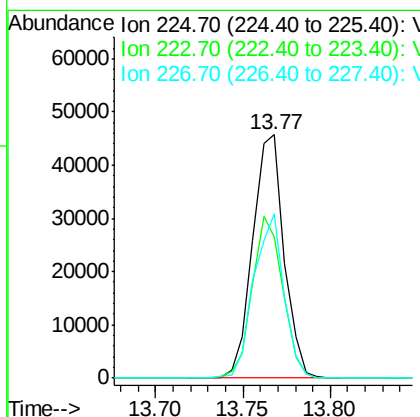
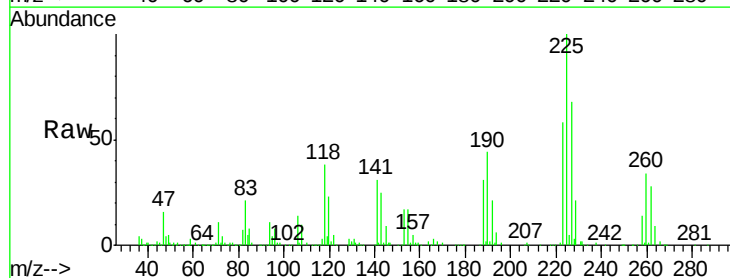
Manual Integrations
 APPROVED

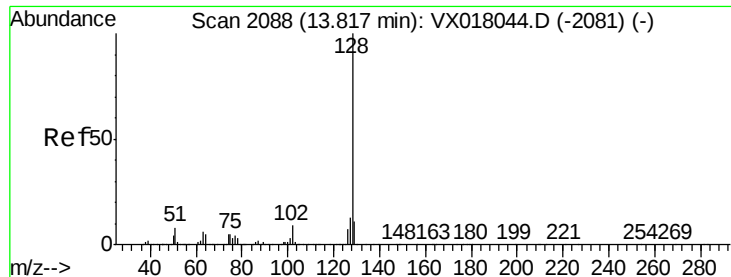
MMDadoda
 9/17/2020 11:27:18 AM



#94
 Hexachlorobutadiene
 Concen: 22.148 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57107		
223	64.5	30.7	92.1	
227	64.8	32.6	97.8	





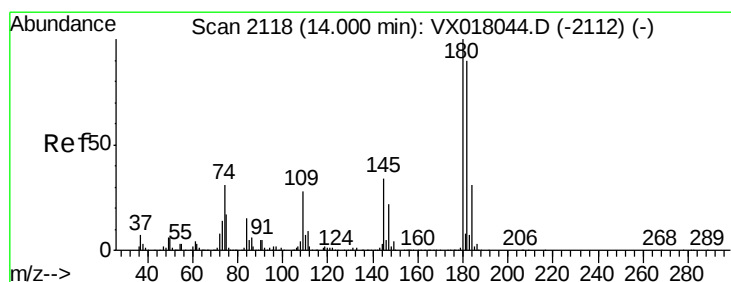
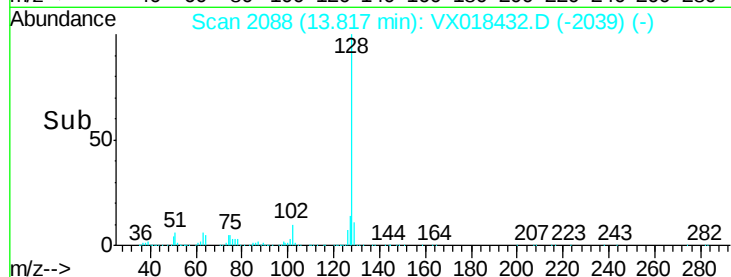
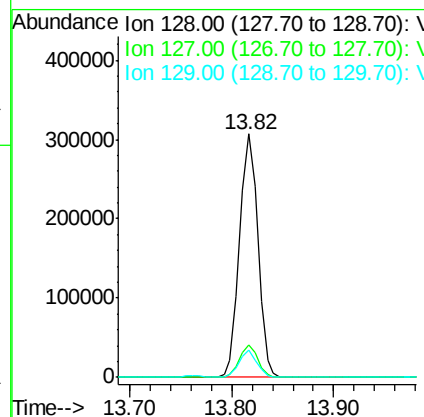
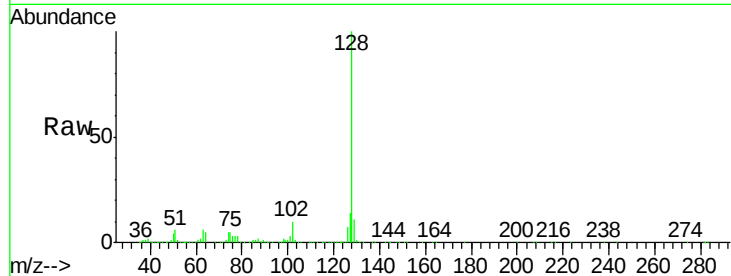
#95
Naphthalene
Concen: 17.647 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/17/2020 11:27:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.689 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	32.2	17.5	52.6

