

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\
 Data File : VX018436.D
 Acq On : 16 Sep 2020 13:43
 Operator : JC/SP
 Sample : VX0916WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:03 AM

Quant Time: Sep 17 04:30:43 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	439746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	670581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	638149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	297513	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.46	113	229218	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.70	98	793213	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.12	95	317142	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	94508	17.652	ug/l	98
3) Chloromethane	1.31	50	92864	16.452	ug/l	97
4) Vinyl Chloride	1.39	62	97259	17.309	ug/l	99
5) Bromomethane	1.64	94	63290	23.352	ug/l	99
6) Chloroethane	1.72	64	58820	19.490	ug/l	99
7) Trichlorofluoromethane	1.92	101	172496	22.514	ug/l	98
8) Diethyl Ether	2.17	74	54161	20.844	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91576	22.108	ug/l	98
10) Methyl Iodide	2.49	142	76660	20.756	ug/l	94
11) Tert butyl alcohol	3.00	59	93151	78.476	ug/l	98
12) 1,1-Dichloroethene	2.36	96	84235	19.601	ug/l	97
13) Acrolein	2.27	56	44054	89.508	ug/l	96
14) Allyl chloride	2.71	41	148214	19.197	ug/l	95
15) Acrylonitrile	3.11	53	244093	90.655	ug/l	96
16) Acetone	2.42	43	269992	113.499	ug/l	97
17) Carbon Disulfide	2.55	76	207849	15.999	ug/l	100
18) Methyl Acetate	2.75	43	132978	23.166	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	309058	20.970	ug/l	99
20) Methylene Chloride	2.84	84	95674	18.945	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	89390	18.775	ug/l	95
22) Diisopropyl ether	3.82	45	304655	19.992	ug/l	# 81
23) Vinyl Acetate	3.78	43	1303465	96.130	ug/l	98
24) 1,1-Dichloroethane	3.67	63	169601	19.552	ug/l	97
25) 2-Butanone	4.63	43	360094	92.108	ug/l	99
26) 2,2-Dichloropropane	4.56	77	170421	24.146	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	102726	18.726	ug/l	97
28) Bromochloromethane	4.98	49	65957	15.752	ug/l	97
29) Tetrahydrofuran	5.09	42	213194	85.665	ug/l	97
30) Chloroform	5.18	83	184980	20.594	ug/l	93
31) Cyclohexane	5.55	56	135508	18.545	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	172734	20.956	ug/l	100
36) 1,1-Dichloropropene	5.76	75	129538	20.944	ug/l	98
37) Ethyl Acetate	4.79	43	130256	18.132	ug/l	99
38) Carbon Tetrachloride	5.75	117	158824	22.786	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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MMDadoda
 9/17/2020 11:27:03 AM

Quant Time: Sep 17 04:30:43 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	138606	20.494	ug/l	100
40) Benzene	6.11	78	367219	20.206	ug/l	99
41) Methacrylonitrile	5.00	41	77474	19.642	ug/l	98
42) 1,2-Dichloroethane	6.16	62	155666	22.356	ug/l	98
43) Isopropyl Acetate	6.41	43	225677	19.450	ug/l	99
44) Trichloroethene	7.19	130	109439	21.311	ug/l	95
45) 1,2-Dichloropropane	7.49	63	99223	20.257	ug/l	95
46) Dibromomethane	7.63	93	70807	20.556	ug/l	98
47) Bromodichloromethane	7.87	83	152366	22.154	ug/l	100
48) Methyl methacrylate	7.74	41	110496	19.130	ug/l	98
49) 1,4-Dioxane	7.71	88	28771	274.986	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	709454	98.986	ug/l	100
52) Toluene	8.76	92	235886	20.469	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	163026	21.387	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	170696	21.139	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	105181	21.400	ug/l	91
56) Ethyl methacrylate	9.16	69	145116	19.861	ug/l	98
57) 1,3-Dichloropropane	9.35	76	164510	20.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	334563	101.788	ug/l	98
59) 2-Hexanone	9.47	43	537456	98.619	ug/l	99
60) Dibromochloromethane	9.56	129	125288	21.730	ug/l	100
61) 1,2-Dibromoethane	9.65	107	111192	20.838	ug/l	100
64) Tetrachloroethene	9.32	164	100622	21.457	ug/l	96
65) Chlorobenzene	10.12	112	273123	21.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	111571	22.211	ug/l	98
67) Ethyl Benzene	10.23	91	466317	21.515	ug/l	97
68) m/p-Xylenes	10.34	106	350175	43.285	ug/l	96
69) o-Xylene	10.68	106	164741	21.007	ug/l	95
70) Styrene	10.70	104	282255	21.134	ug/l	97
71) Bromoform	10.84	173	92308	21.544	ug/l	99
73) Isopropylbenzene	11.00	105	466553	20.366	ug/l	100
74) N-amyl acetate	10.88	43	197930	18.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	151225	18.713	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	145086m	18.779	ug/l	
77) Bromobenzene	11.24	156	123724	19.538	ug/l	96
78) n-propylbenzene	11.34	91	534715	20.556	ug/l	99
79) 2-Chlorotoluene	11.40	91	317940	19.784	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	397452	21.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	54300	18.982	ug/l	97
82) 4-Chlorotoluene	11.49	91	392834	20.562	ug/l	100
83) tert-Butylbenzene	11.76	119	393176	21.163	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	406559	21.123	ug/l	100
85) sec-Butylbenzene	11.93	105	449940	21.297	ug/l	100
86) p-Isopropyltoluene	12.05	119	435674	22.450	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	224696	20.210	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	232655	20.899	ug/l	97
89) n-Butylbenzene	12.37	91	384060	21.683	ug/l	99
90) Hexachloroethane	12.58	117	81951	21.463	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	211065	20.167	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36518	18.072	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

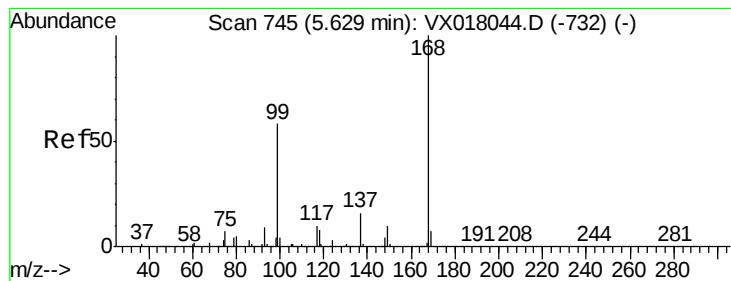
Manual Integrations
APPROVED

MMDadoda
9/17/2020 11:27:03 AM

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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	152852	21.902	ug/l	98
94) Hexachlorobutadiene	13.77	225	70841	25.735	ug/l	98
95) Naphthalene	13.82	128	435898	18.979	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	151359	21.950	ug/l	95

(#) = 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: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0916WBSD01

Tot Ion:168 Resp: 439746

Ion Ratio Lower Upper

168 100

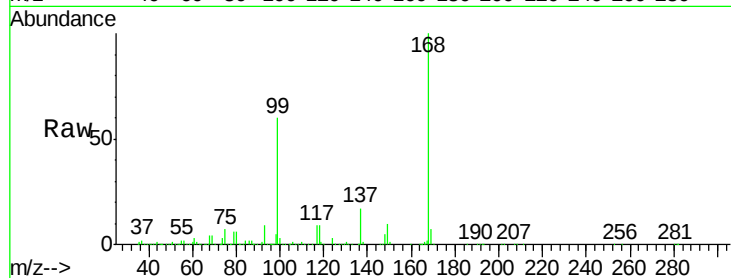
99 59.9 46.3 69.5

Manual Integrations

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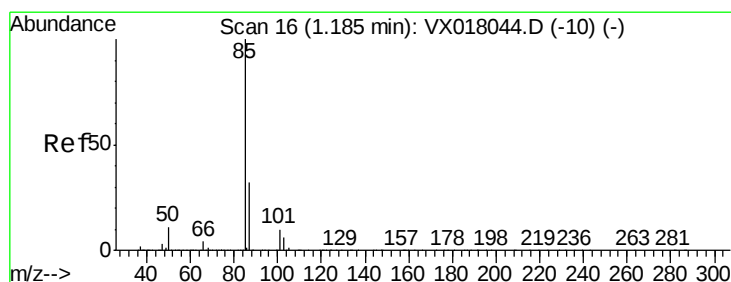
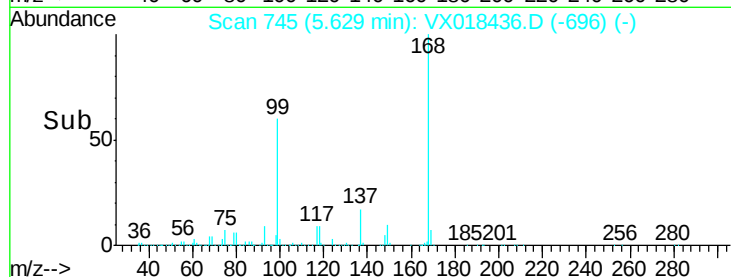
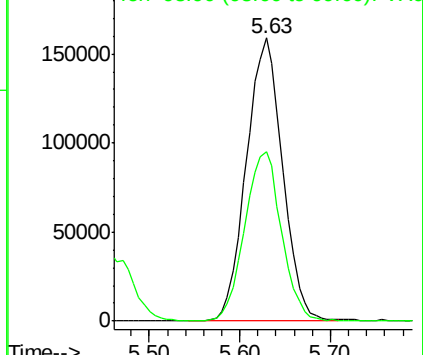
MMDadoda

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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: 17.652 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018436.D

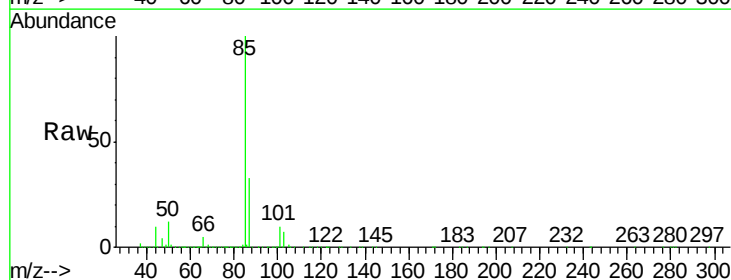
Acq: 16 Sep 2020 13:43

Tgt Ion: 85 Resp: 94508

Ion Ratio Lower Upper

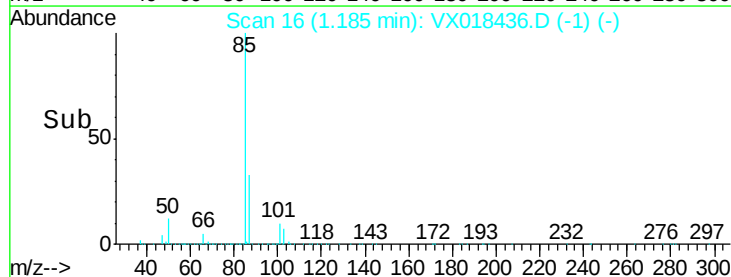
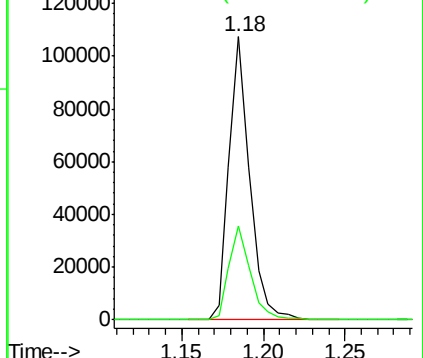
85 100

87 33.4 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: 16.452 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 50 Resp: 92864

Ion Ratio Lower Upper

50 100

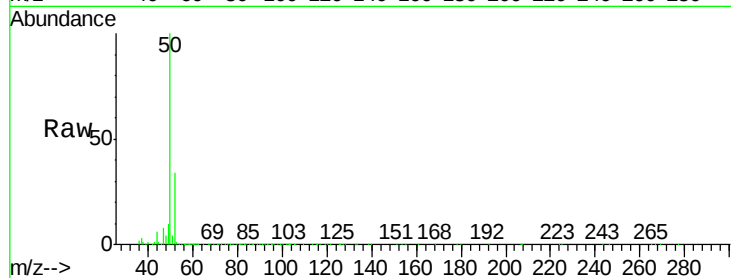
52 33.7 25.4 38.2

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

100000

80000

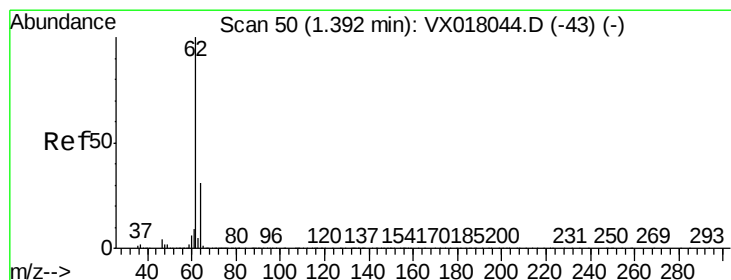
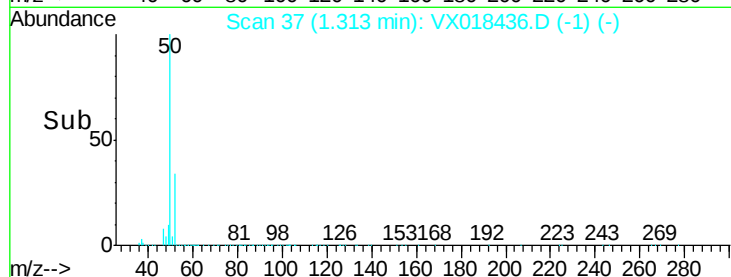
60000

40000

20000

0

Time--> 1.20 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 17.309 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018436.D

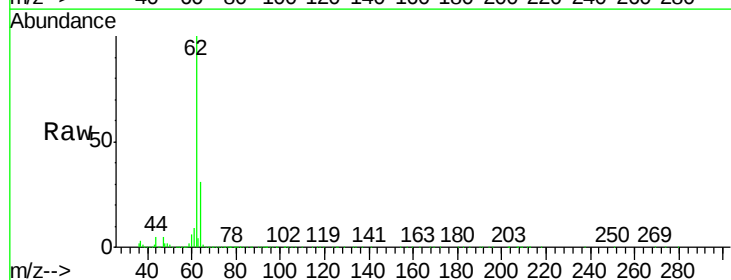
Acq: 16 Sep 2020 13:43

Tgt Ion: 62 Resp: 97259

Ion Ratio Lower Upper

62 100

64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

100000

80000

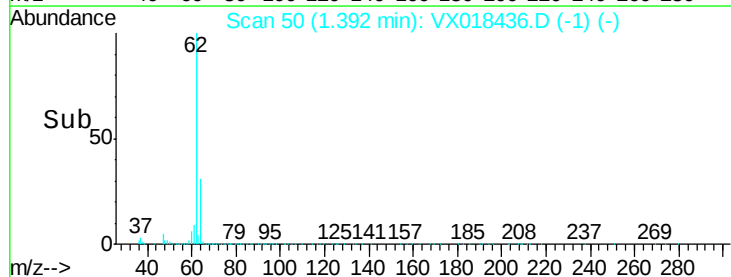
60000

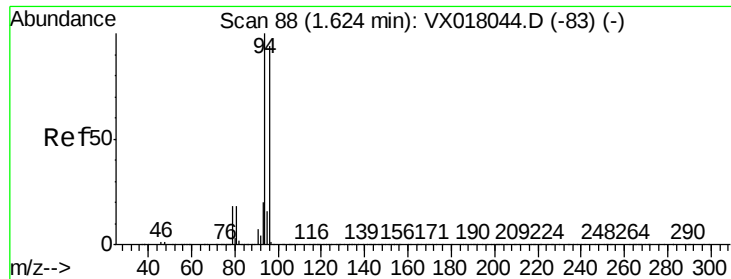
40000

20000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 23.352 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 94 Resp: 63290

Ion Ratio Lower Upper

94 100

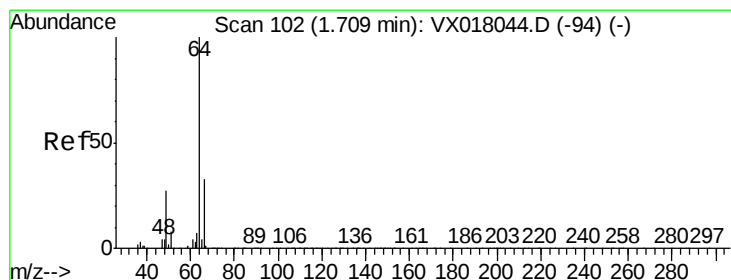
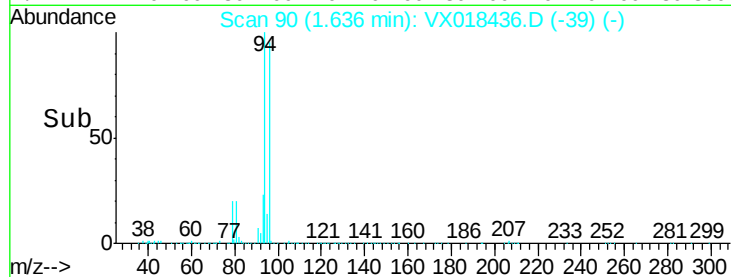
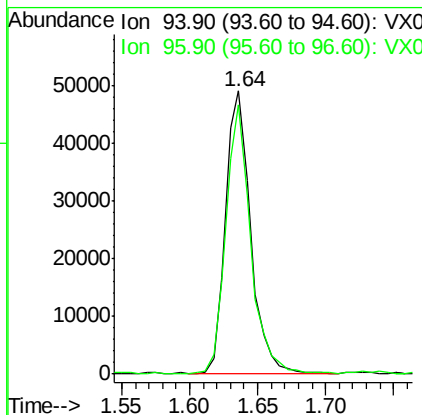
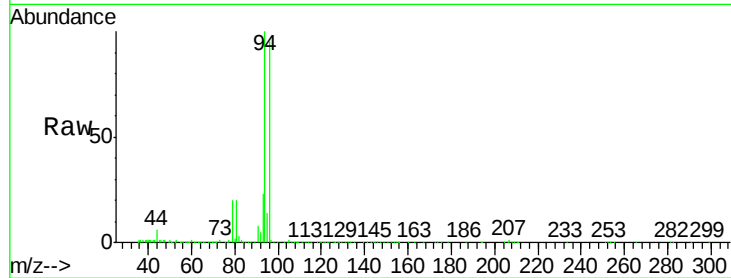
96 94.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 19.490 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018436.D

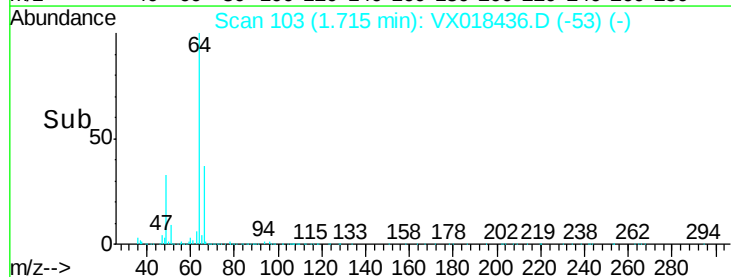
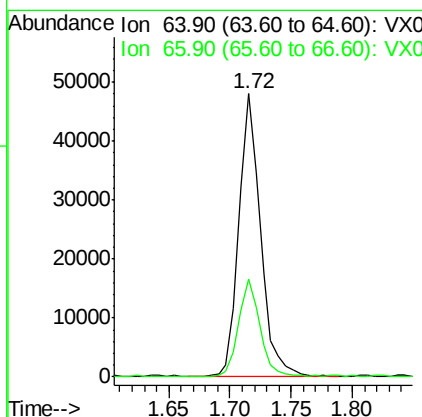
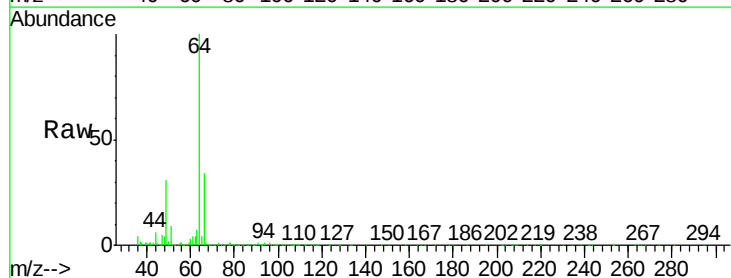
Acq: 16 Sep 2020 13:43

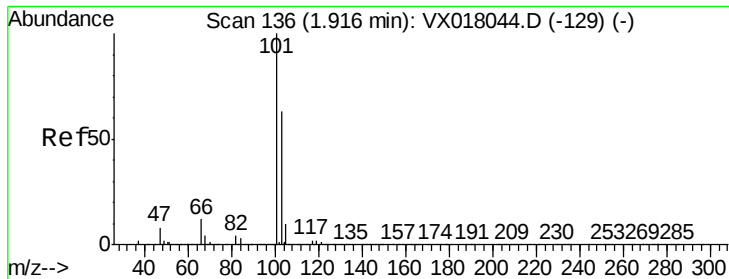
Tgt Ion: 64 Resp: 58820

Ion Ratio Lower Upper

64 100

66 34.0 26.6 39.8





#7

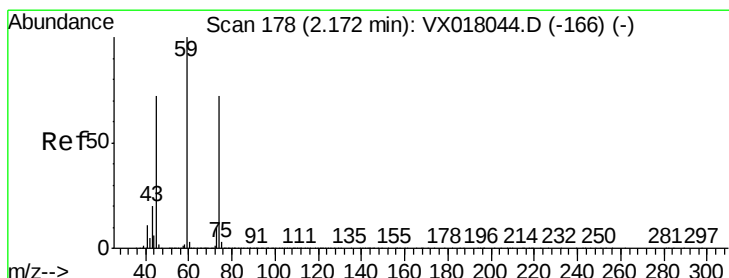
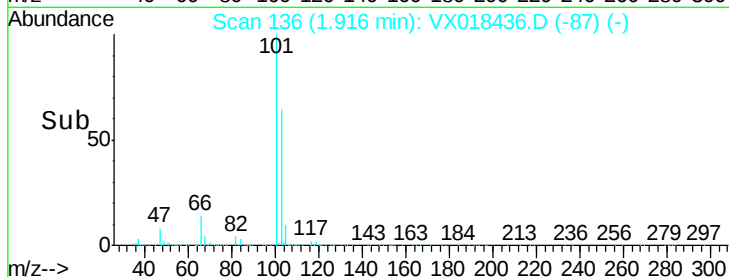
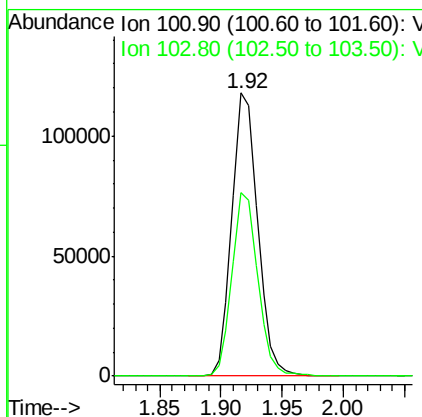
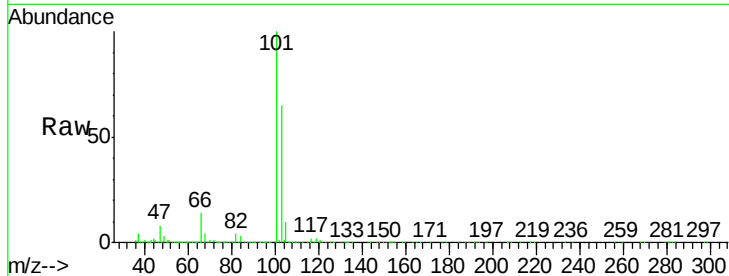
Trichlorofluoromethane
Concen: 22.514 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.7	76.1

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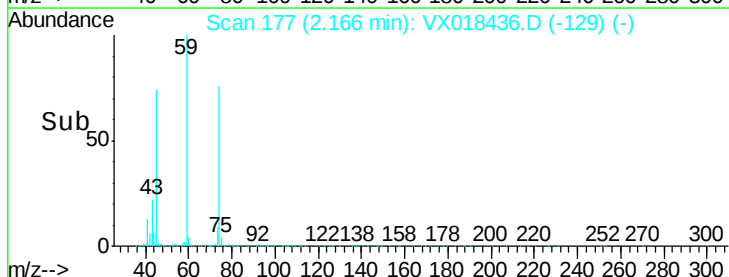
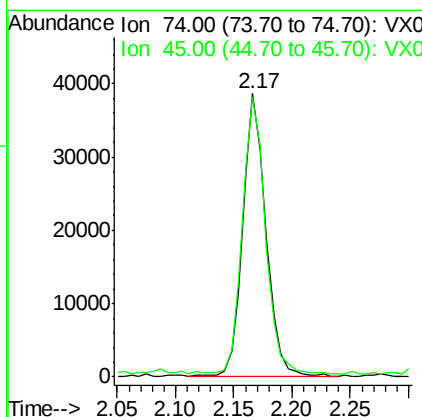
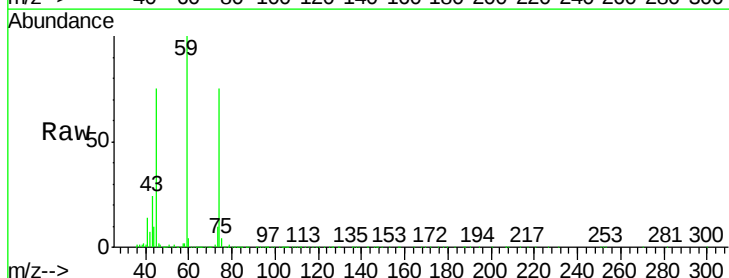
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9/17/2020 11:27:03 AM

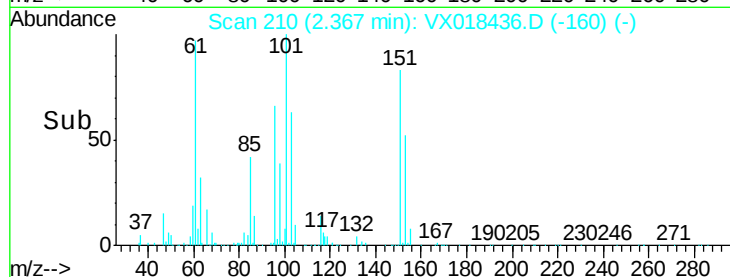
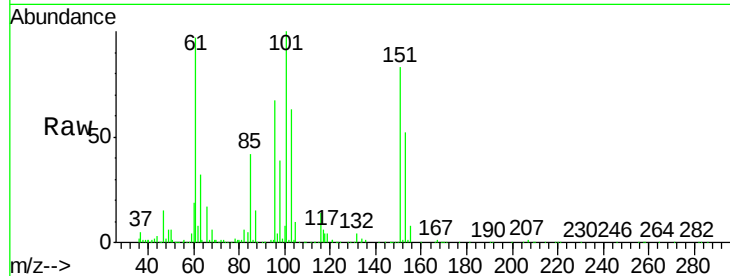
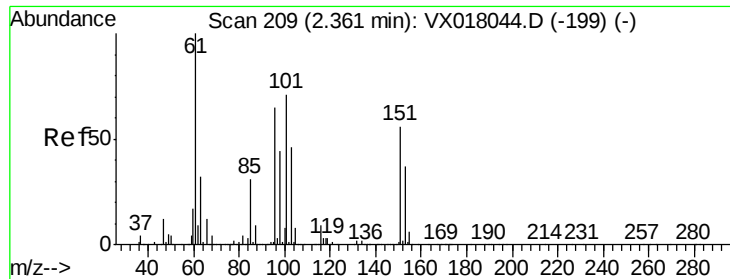


#8

Diethyl Ether
Concen: 20.844 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	50.7	152.3





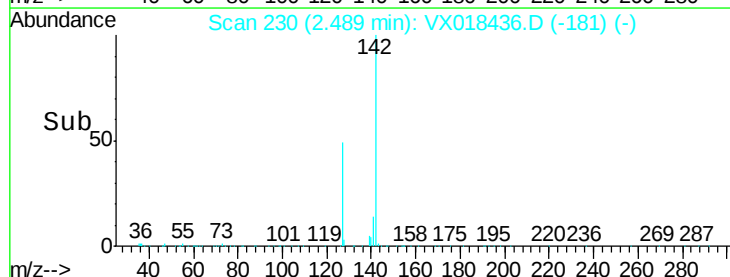
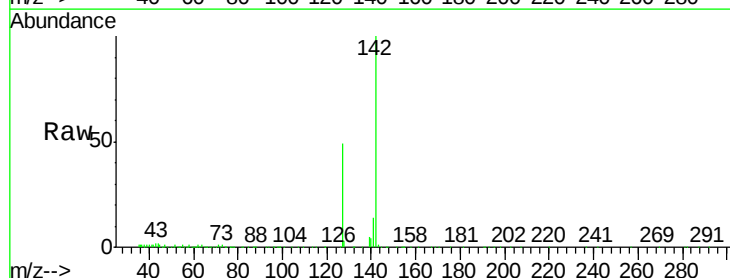
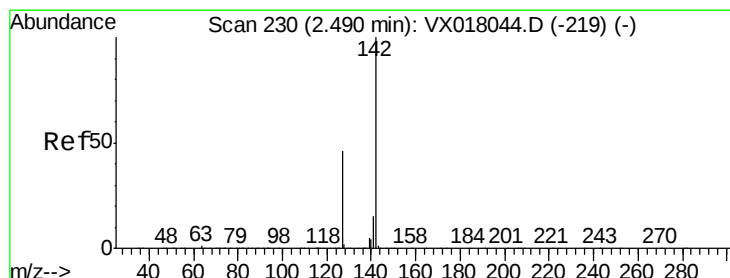
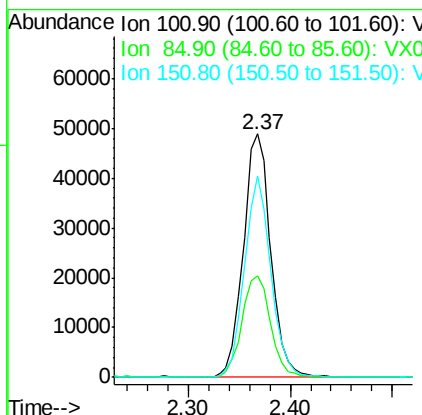
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.108 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	91576		
85	43.9	34.0	51.0	
151	79.8	65.2	97.8	

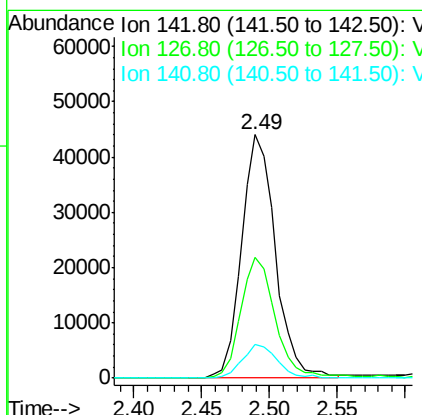
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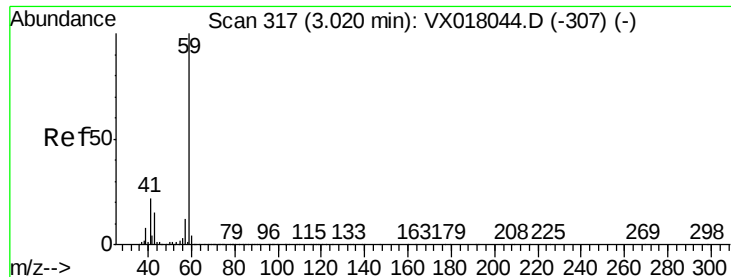
MMDadoda
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#10
Methyl Iodide
Concen: 20.756 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	76660		
127	51.1	37.0	55.6	
141	14.6	11.5	17.3	





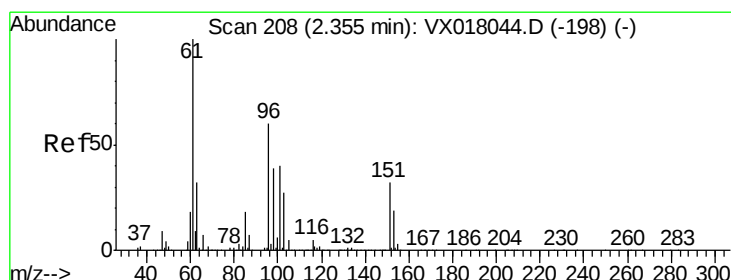
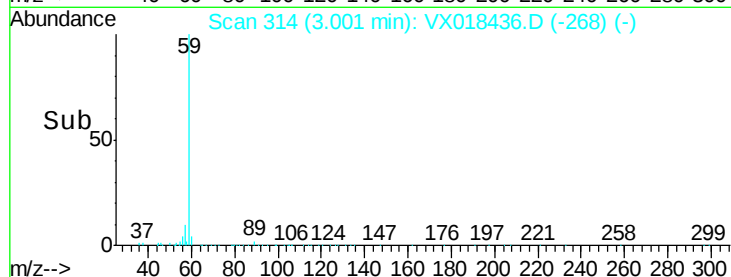
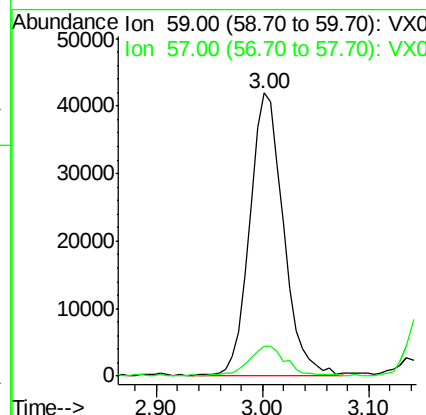
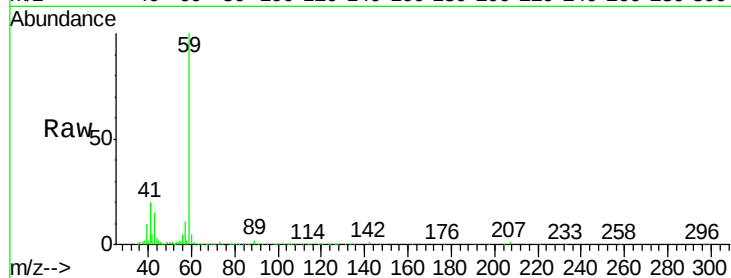
#11
Tert butyl alcohol
Concen: 78.476 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.9	13.3

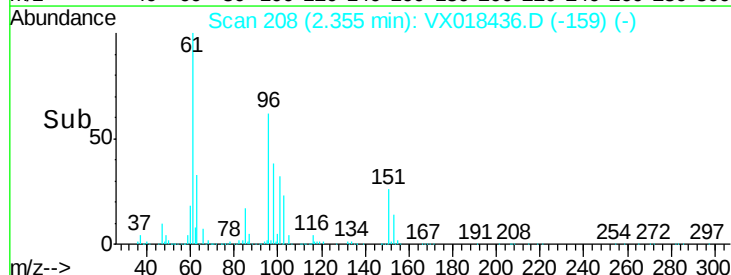
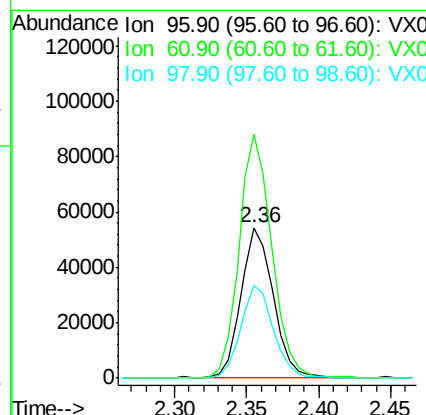
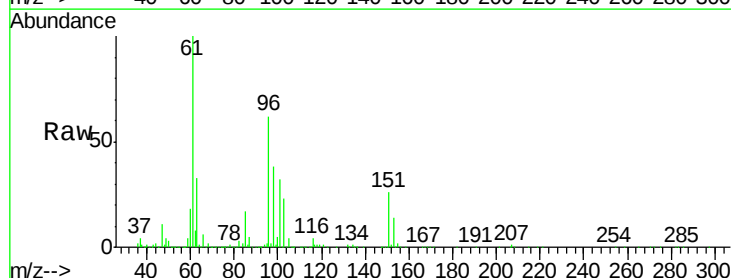
Manual Integrations
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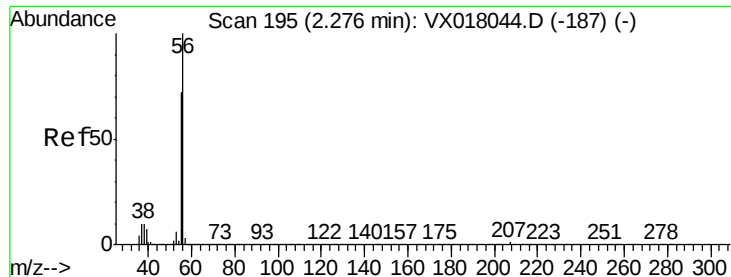
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#12
1,1-Dichloroethene
Concen: 19.601 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.2	133.0	199.4
98	61.2	51.6	77.4





#13

Acrolein

Concen: 89.508 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 56 Resp: 44054

Ion Ratio Lower Upper

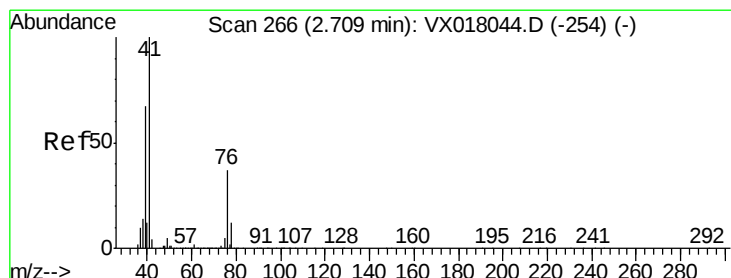
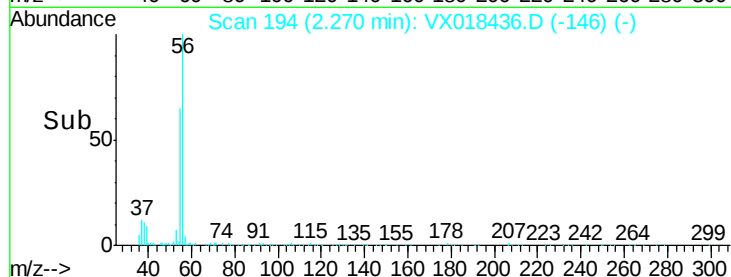
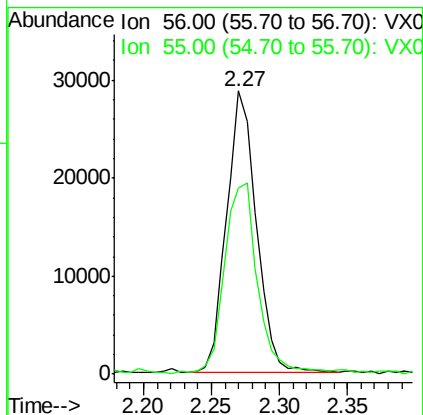
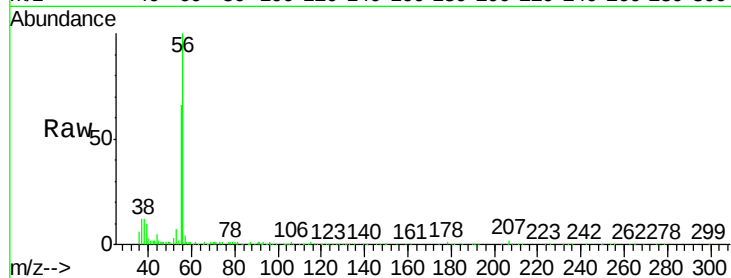
56 100

55 74.4 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 19.197 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

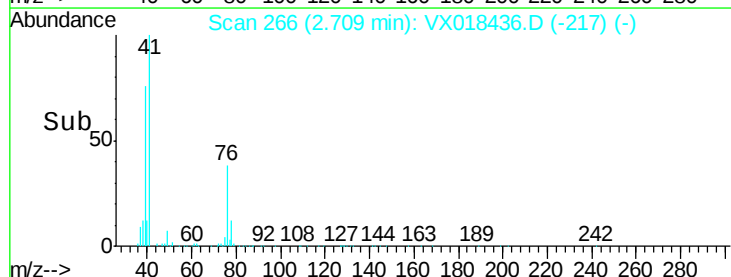
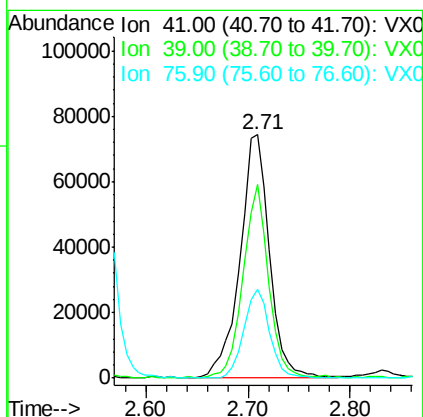
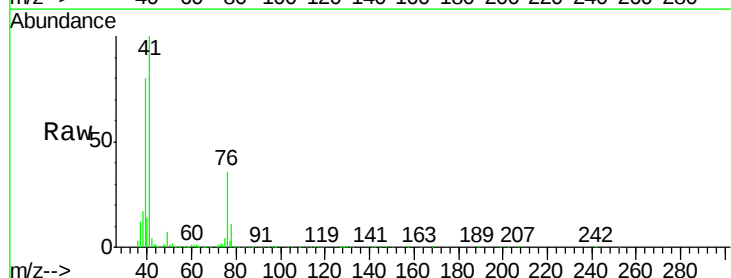
Tgt Ion: 41 Resp: 148214

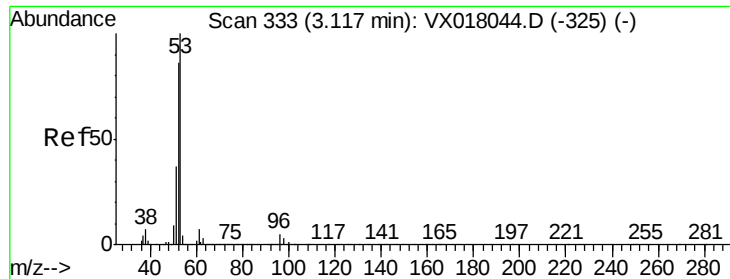
Ion Ratio Lower Upper

41 100

39 69.3 50.6 76.0

76 32.8 26.2 39.2





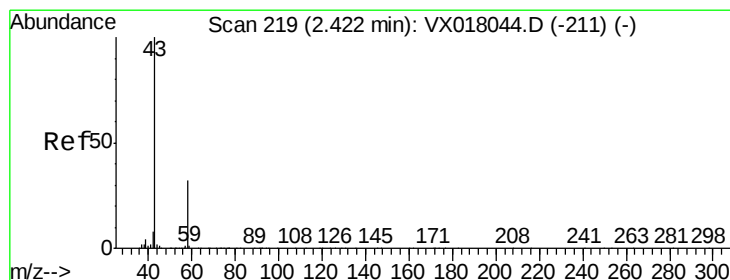
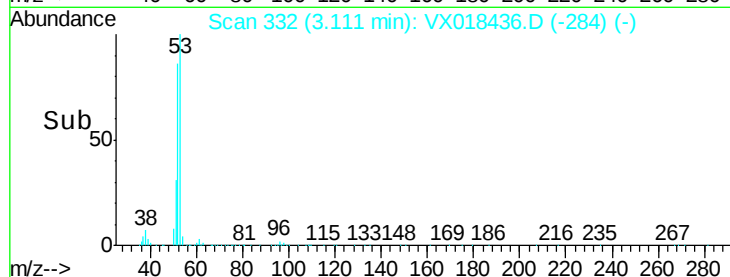
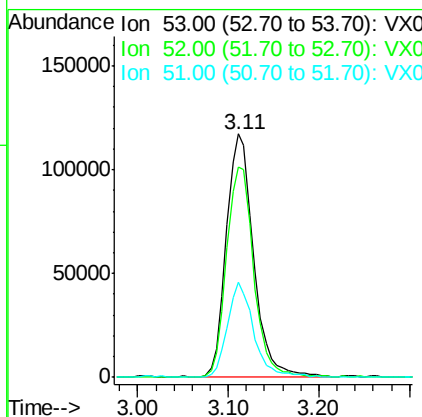
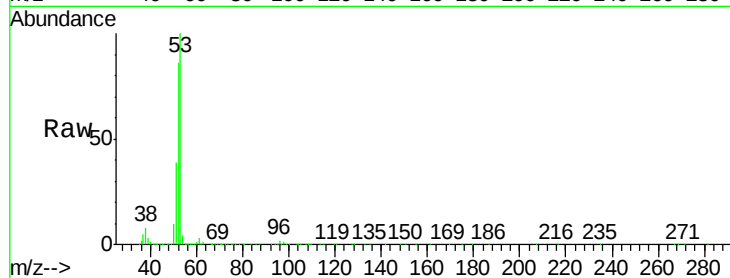
#15
 Acrylonitrile
 Concen: 90.655 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Tot Ion:	53	Resp:	244093
Ion Ratio	Lower	Upper	
53	100		
52	87.1	66.9	100.3
51	37.6	28.7	43.1

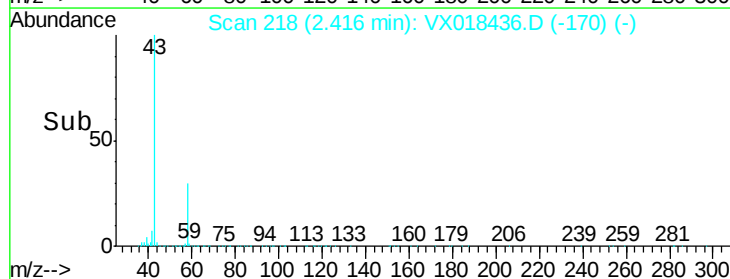
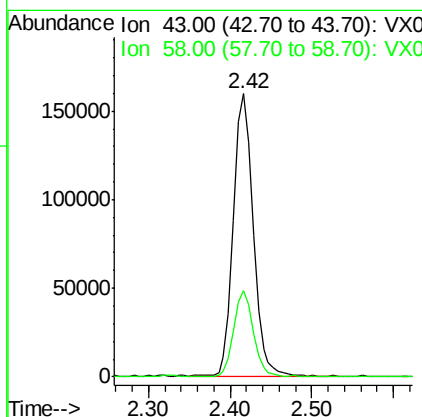
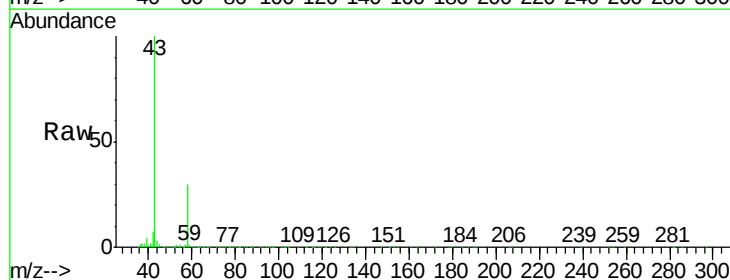
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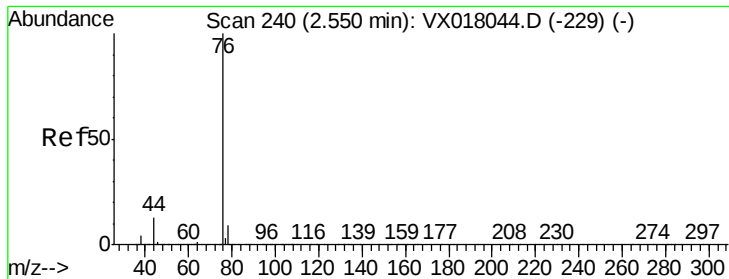
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#16
 Acetone
 Concen: 113.499 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion:	43	Resp:	269992
Ion Ratio	Lower	Upper	
43	100		
58	30.2	25.5	38.3





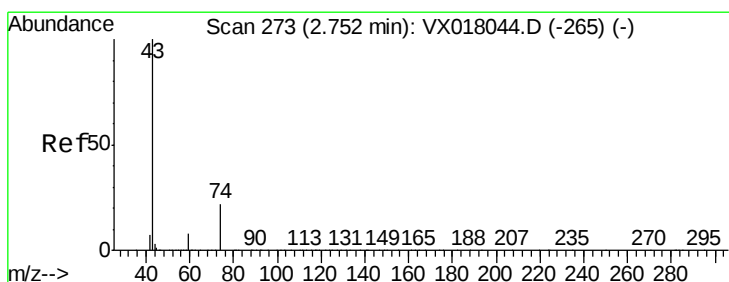
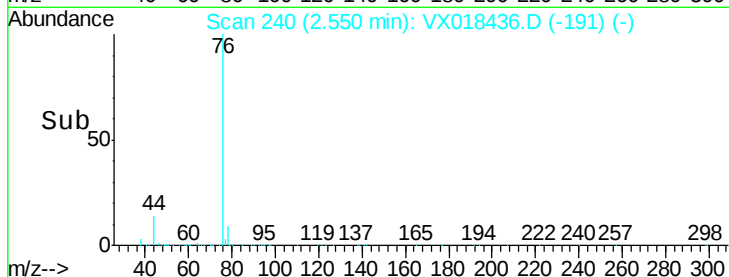
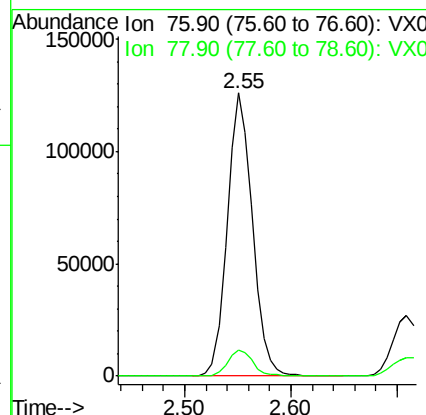
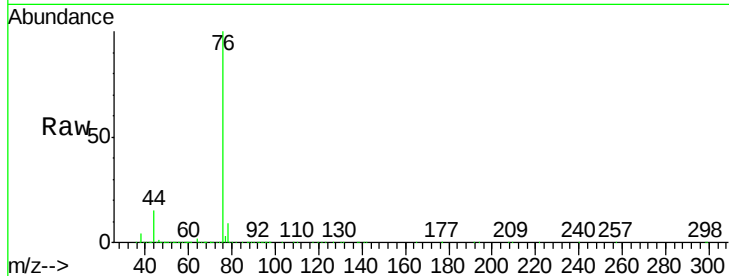
#17
Carbon Disulfide
Concen: 15.999 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

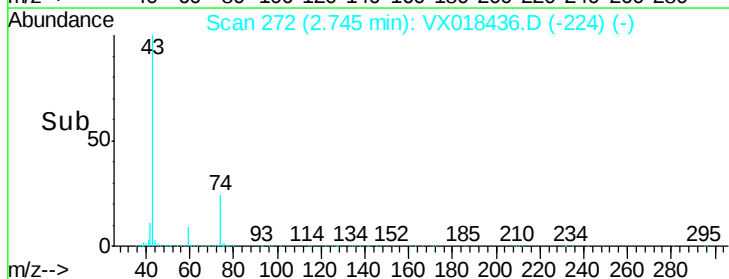
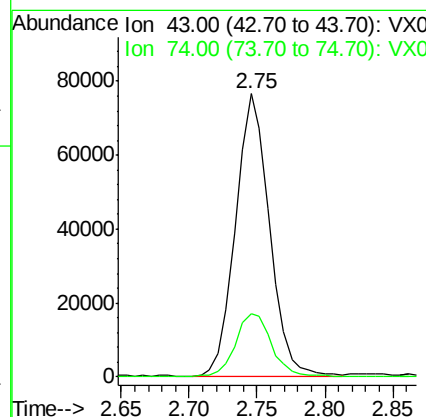
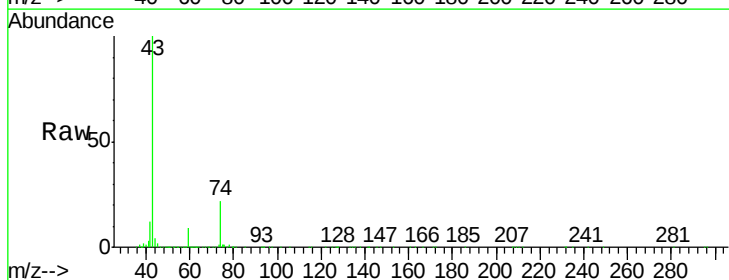
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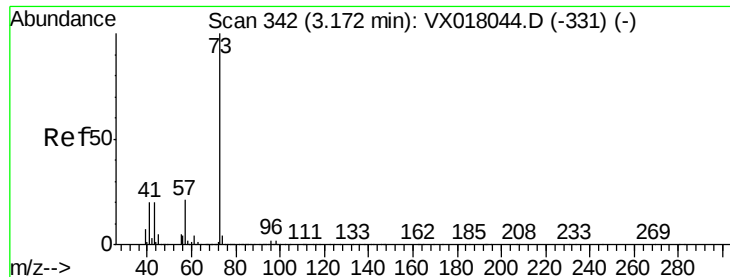
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#18
Methyl Acetate
Concen: 23.166 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.2	27.4





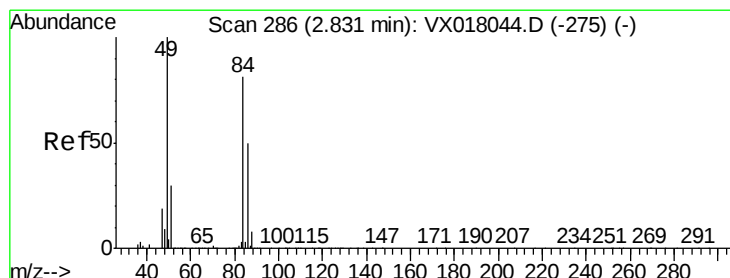
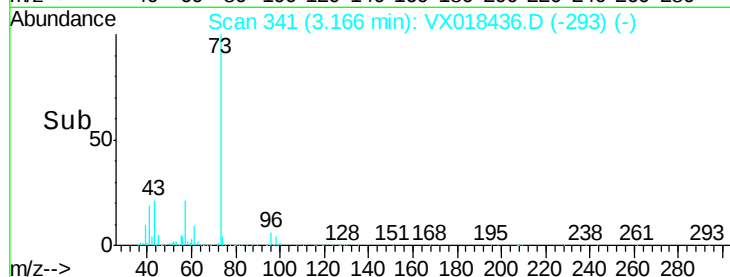
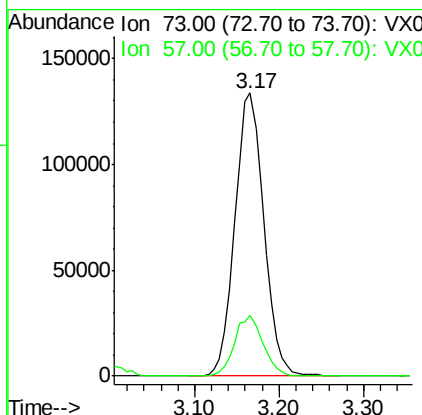
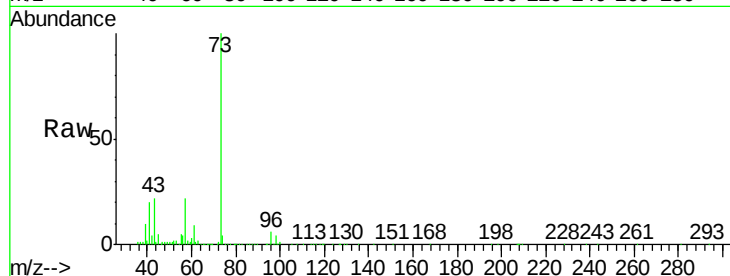
#19
Methvl tert-butvl Ether
Concen: 20.970 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

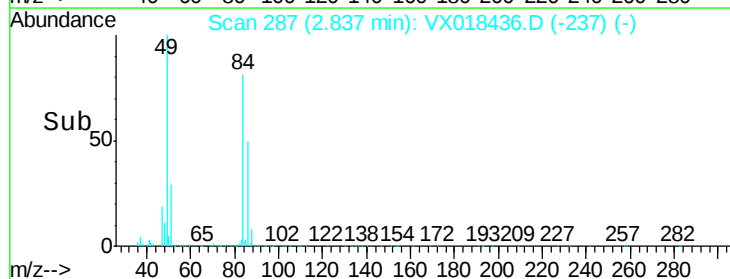
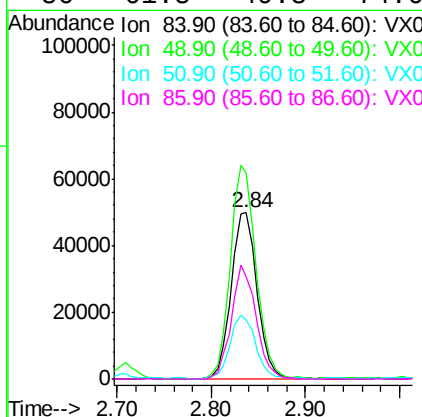
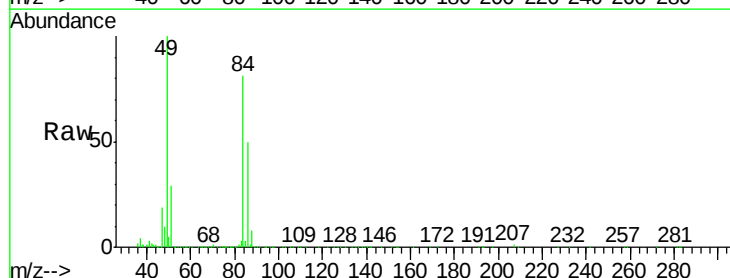
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#20
Methylene Chloride
Concen: 18.945 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	98.6	148.0
51	35.5	29.6	44.4
86	61.8	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 18.775 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

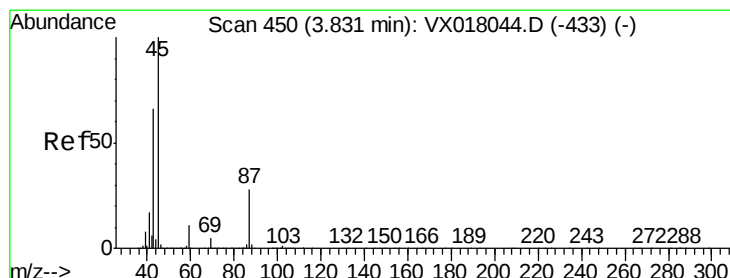
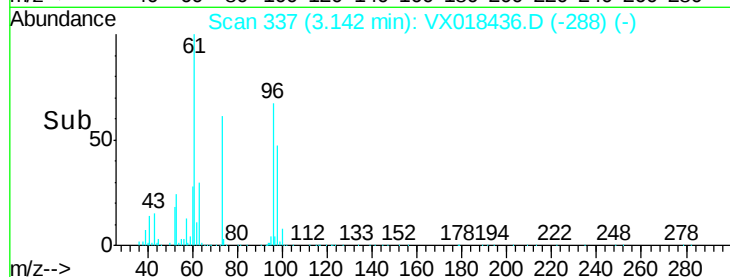
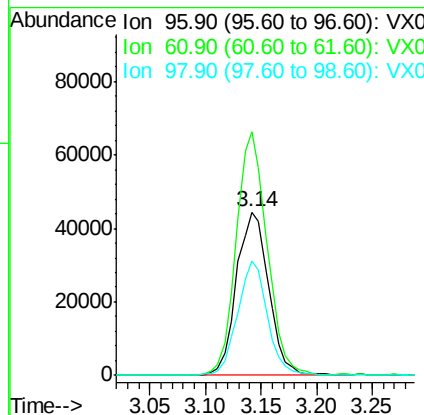
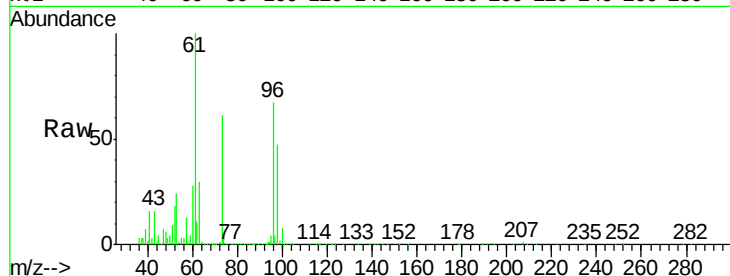
ClientSampleId :

VX0916WBSD01

Tot Ion:	96	Resp:	89390
Ion	Ratio	Lower	Upper
96	100		
61	148.4	115.4	173.0
98	70.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.992 ug/l

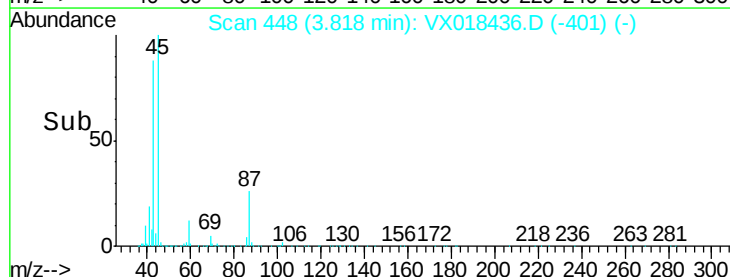
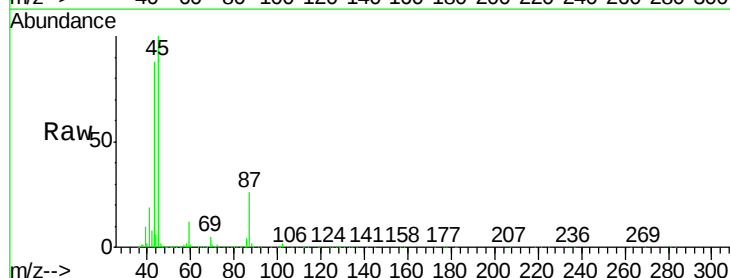
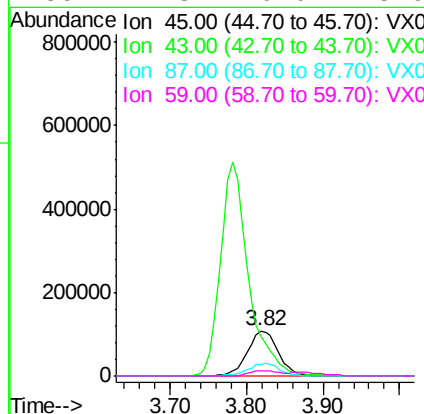
RT: 3.82 min Scan# 448

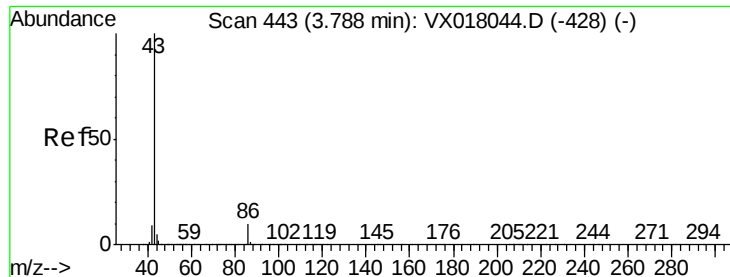
Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion:	45	Resp:	304655
Ion	Ratio	Lower	Upper
45	100		
43	88.1	52.8	79.2#
87	25.8	22.5	33.7
59	12.3	9.0	13.6





#23

Vinyl Acetate

Concen: 96.130 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 43 Resp: 1303465

Ion Ratio Lower Upper

43 100

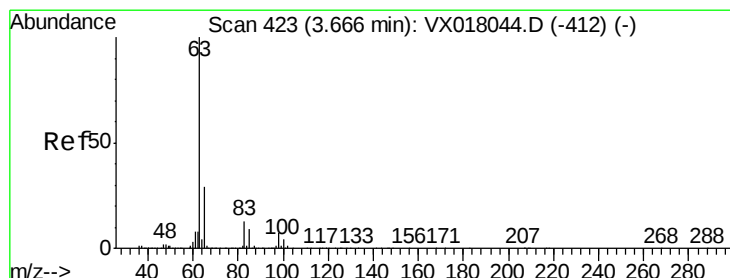
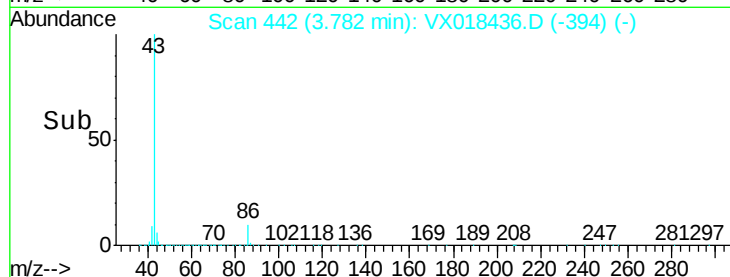
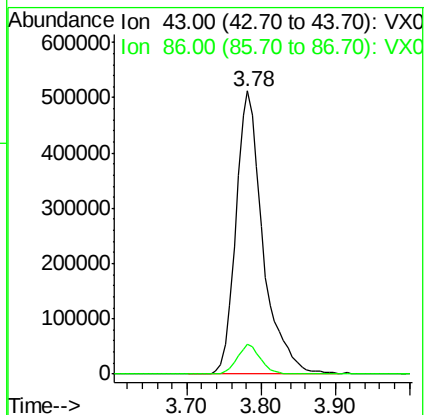
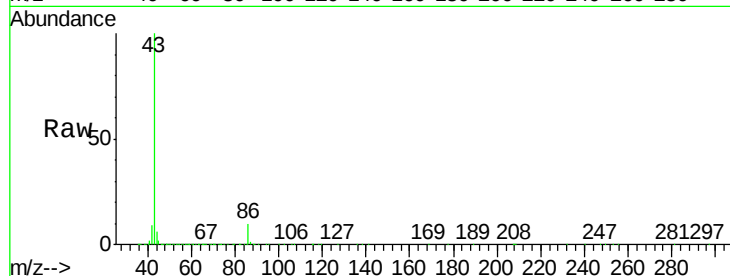
86 10.5 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 19.552 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

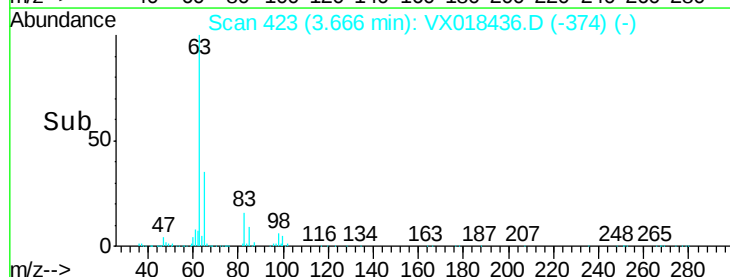
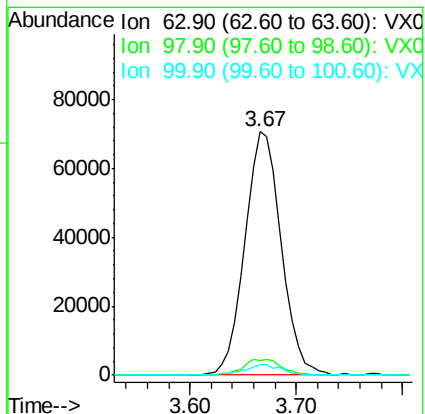
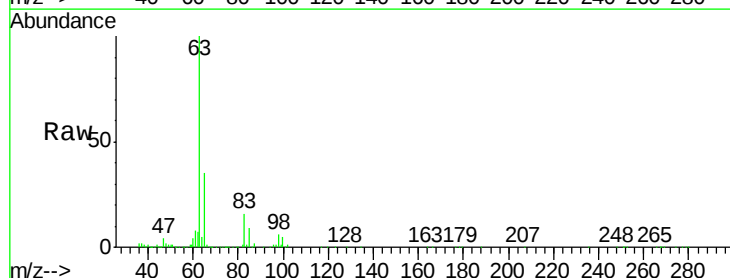
Tgt Ion: 63 Resp: 169601

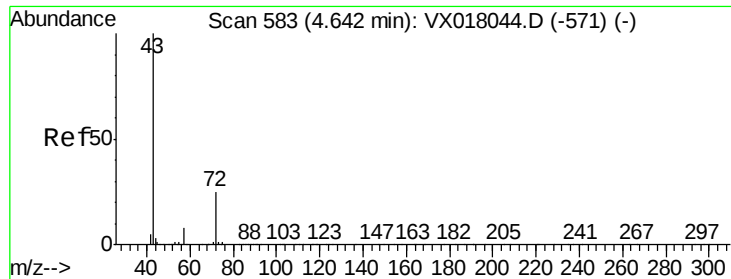
Ion Ratio Lower Upper

63 100

98 5.8 3.6 10.8

100 4.6 2.0 6.0





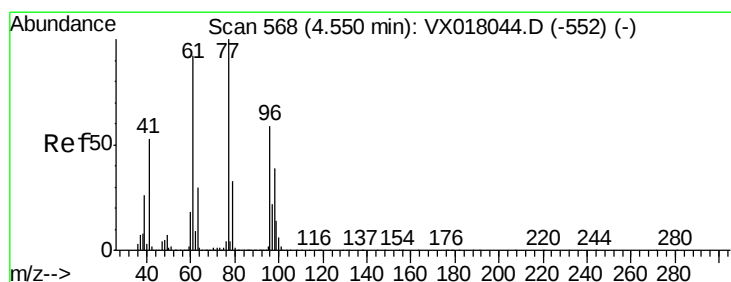
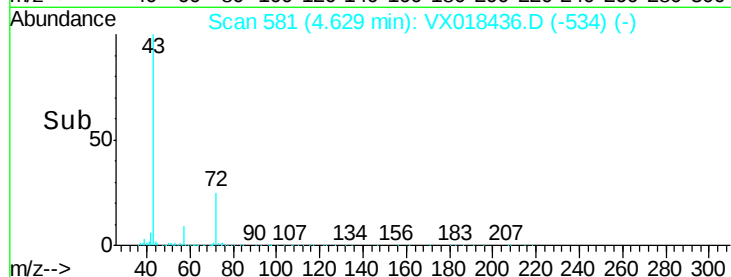
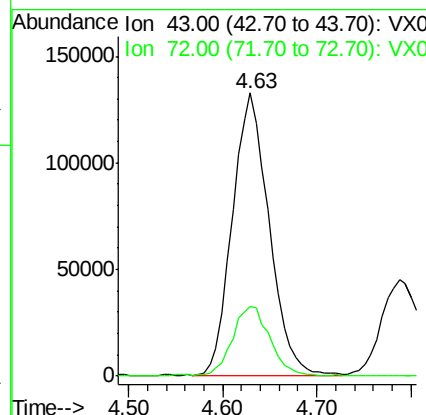
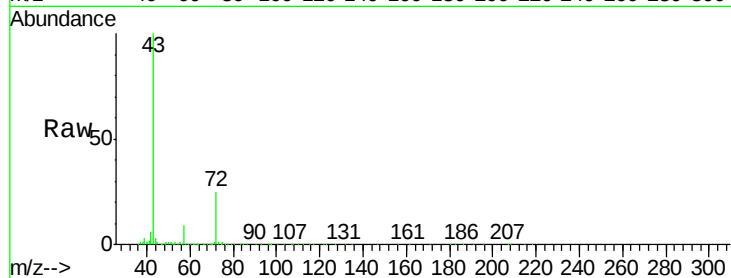
#25
2-Butanone
Concen: 92.108 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	24.4	19.8	29.6

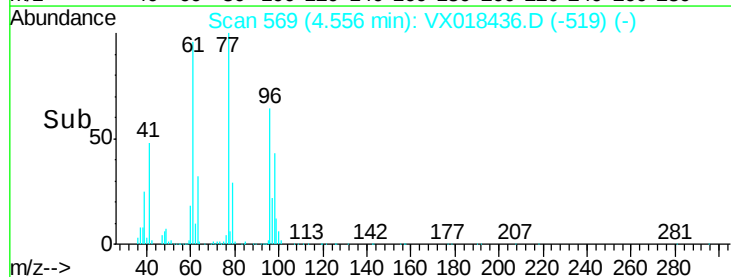
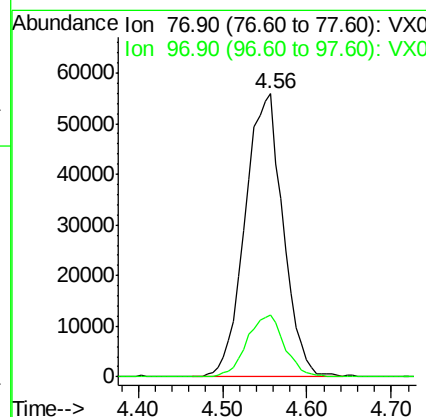
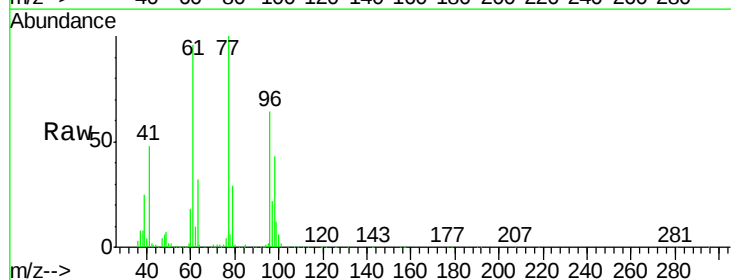
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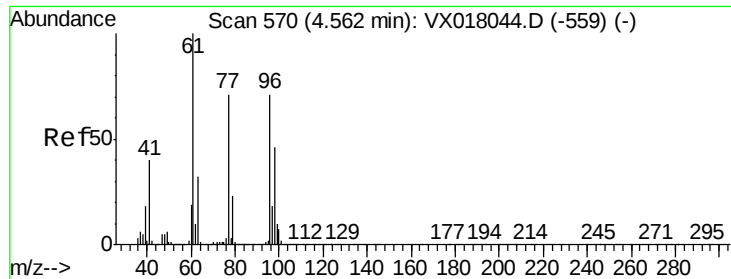
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#26
2,2-Dichloropropane
Concen: 24.146 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.5	34.5





#27

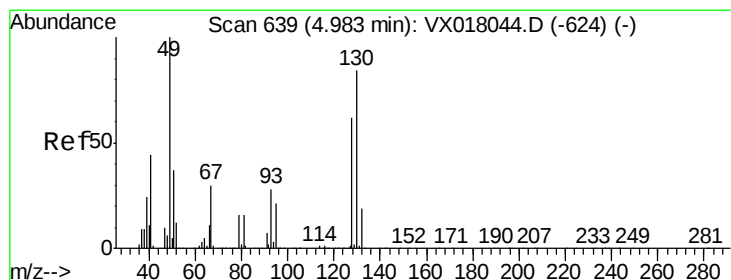
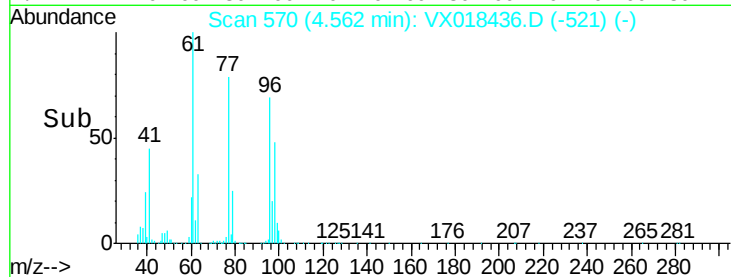
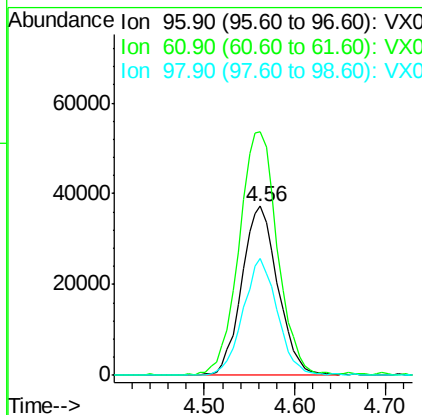
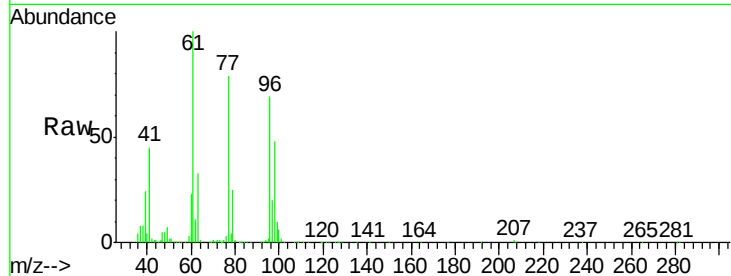
cis-1,2-Dichloroethene
 Concen: 18.726 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	102726		
61	153.5	0.0	296.6	
98	65.7	0.0	130.2	

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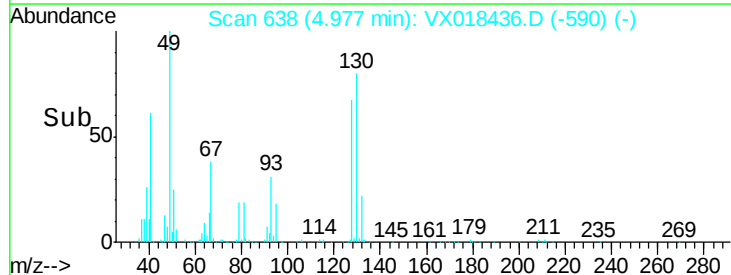
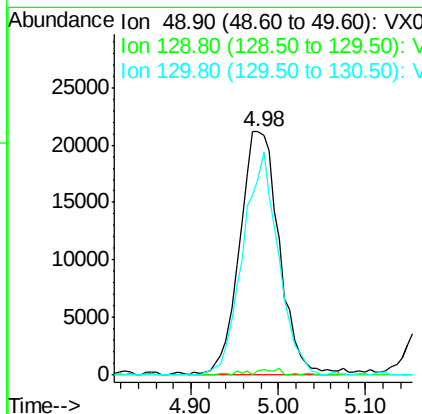
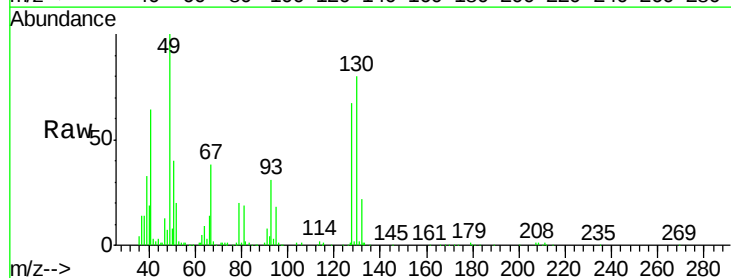
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#28

Bromochloromethane
 Concen: 15.752 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	65957		
129	0.7	0.0	4.6	
130	83.2	64.6	96.8	





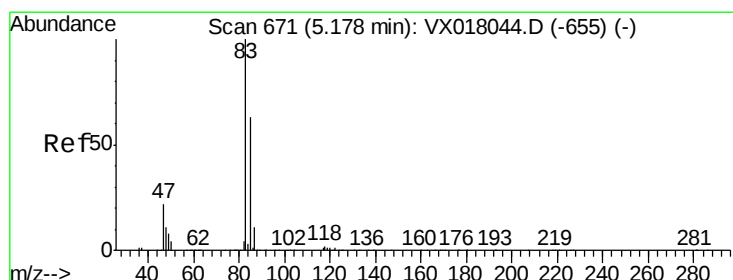
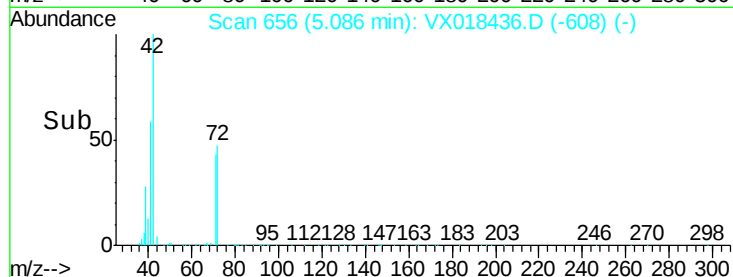
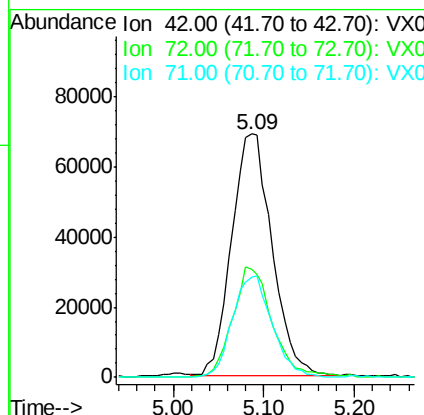
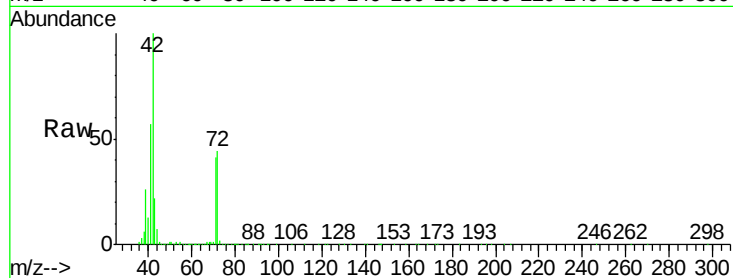
#29
Tetrahydrofuran
Concen: 85.665 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.2	51.4
71	41.0	32.1	48.1

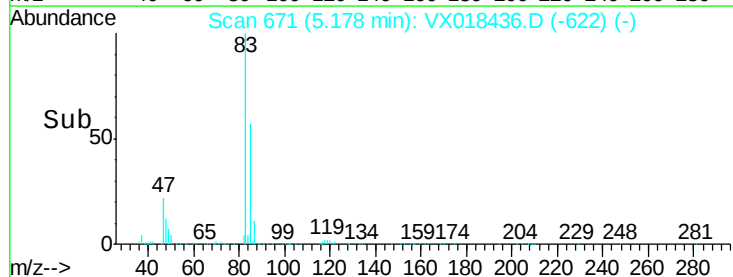
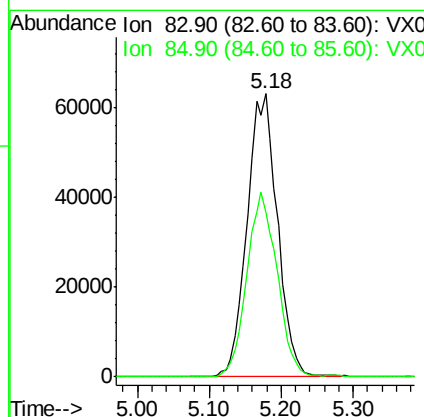
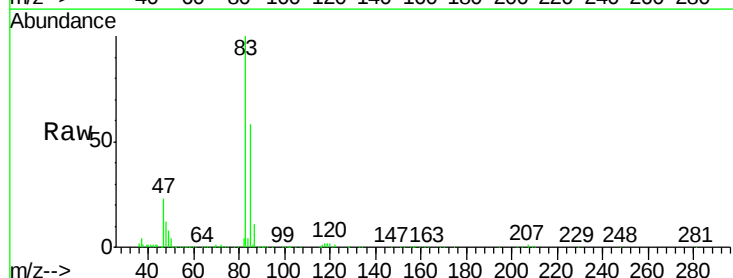
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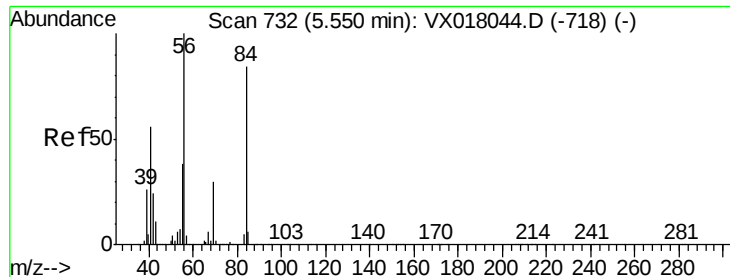
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#30
Chloroform
Concen: 20.594 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.6	50.7	76.1





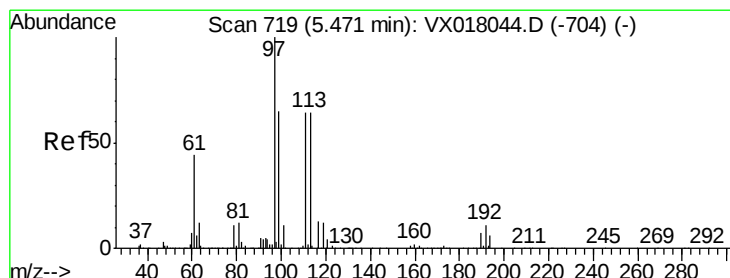
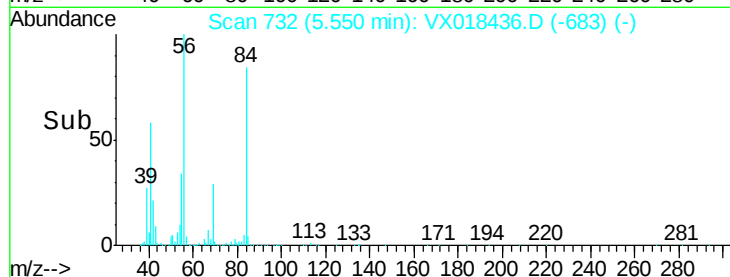
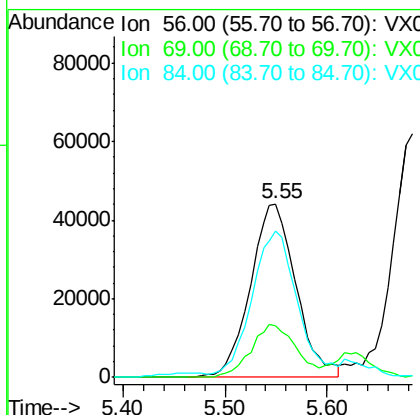
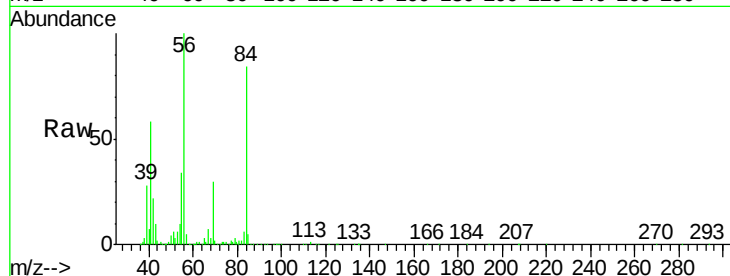
#31
Cyclohexane
Concen: 18.545 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.9	35.9
84	81.8	67.0	100.4

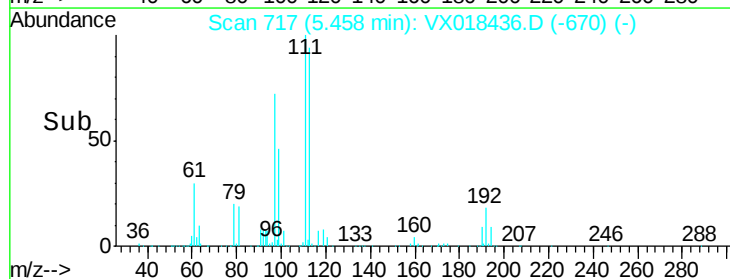
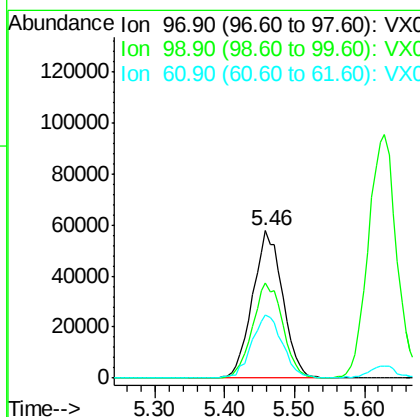
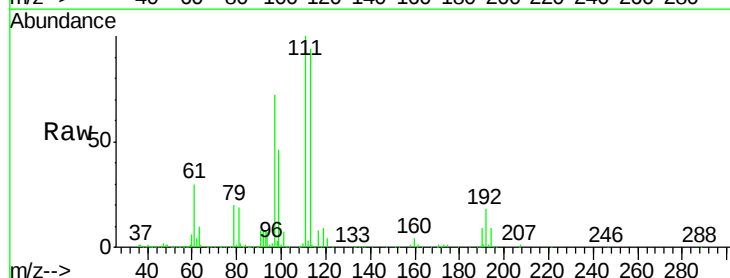
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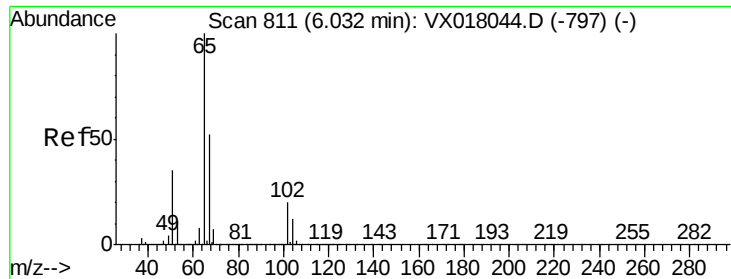
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#32
1,1,1-Trichloroethane
Concen: 20.956 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.8	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 48.734 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 65 Resp: 297513

Ion Ratio Lower Upper

65 100

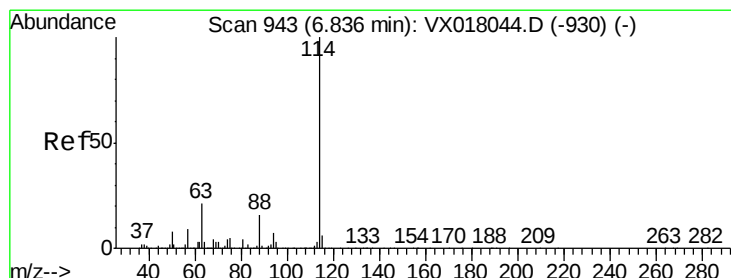
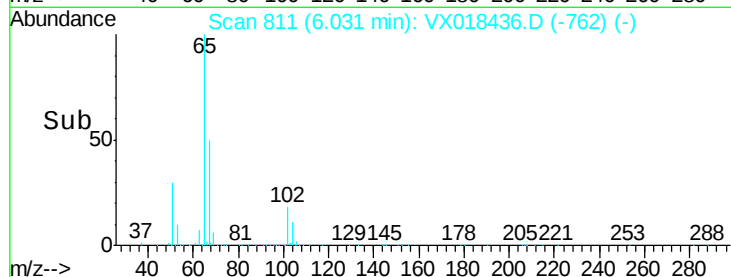
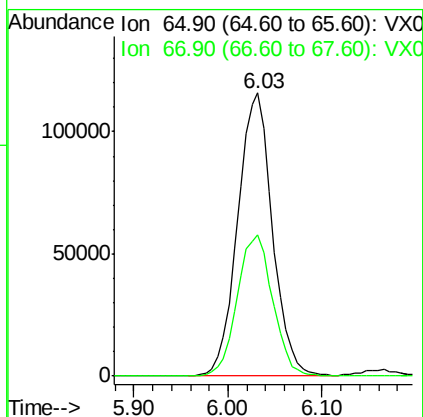
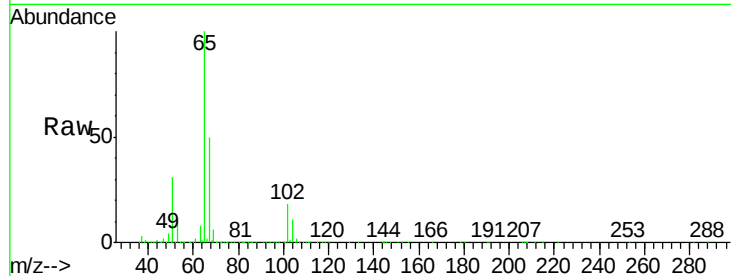
67 50.8 0.0 105.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

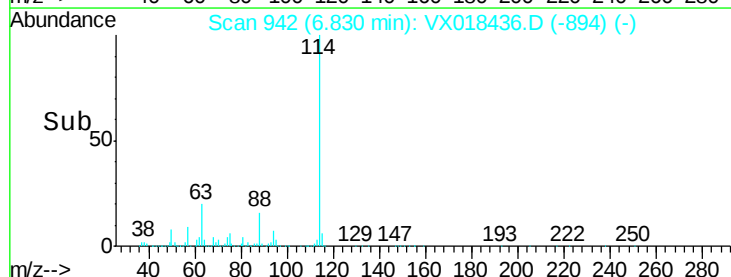
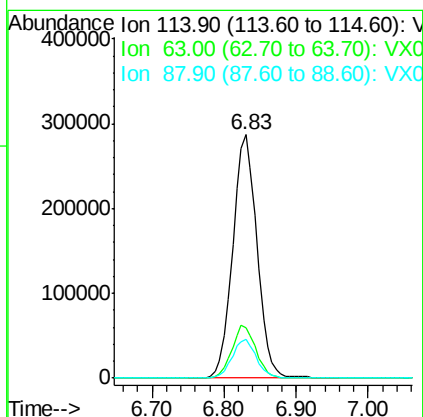
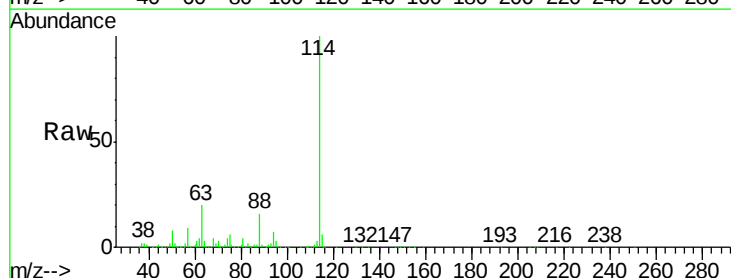
Tgt Ion: 114 Resp: 670581

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.190 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

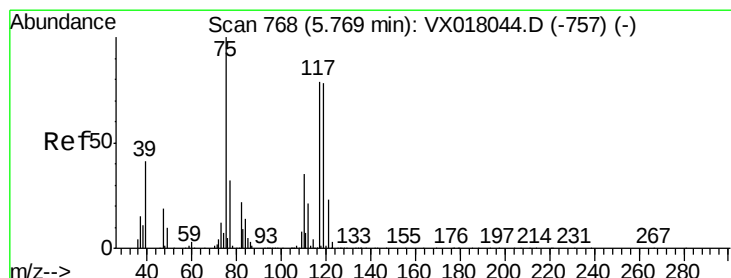
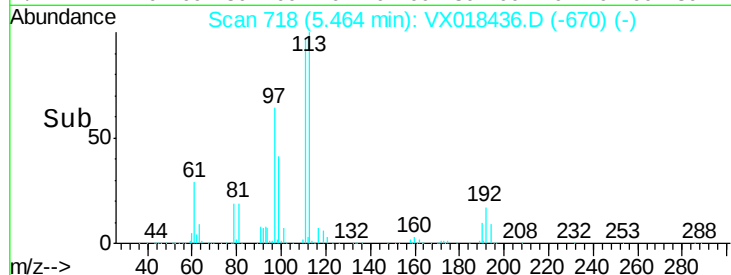
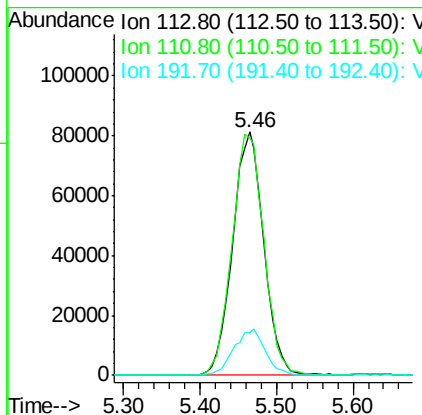
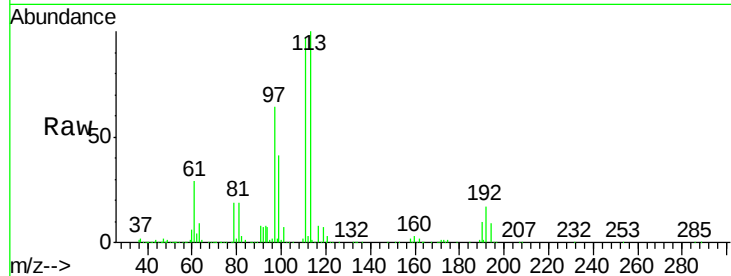
ClientSampleId :

VX0916WBSD01

Tot Ion:	113	Resp:	229218
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.6	122.4
192	19.0	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 20.944 ug/l

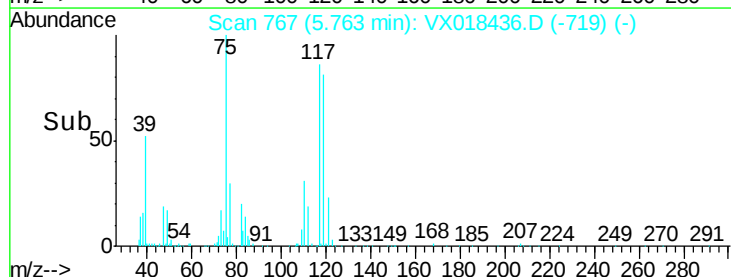
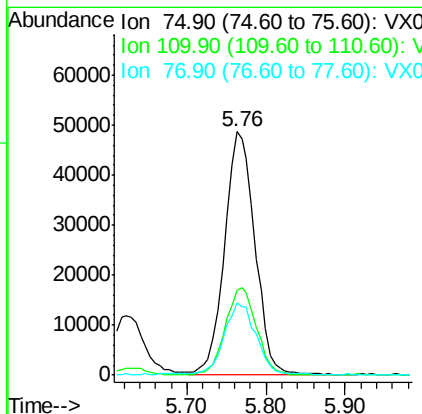
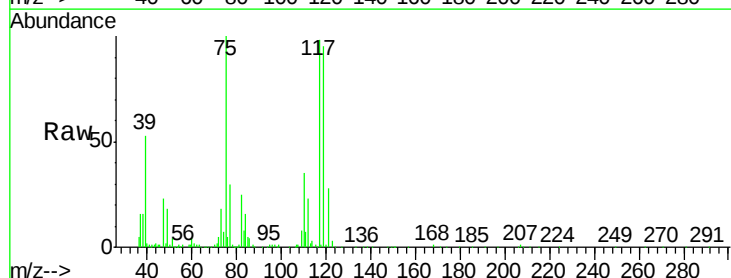
RT: 5.76 min Scan# 767

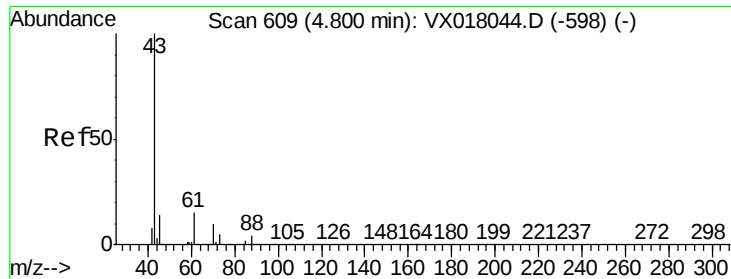
Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion:	75	Resp:	129538
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.0	54.0
77	31.4	24.4	36.6





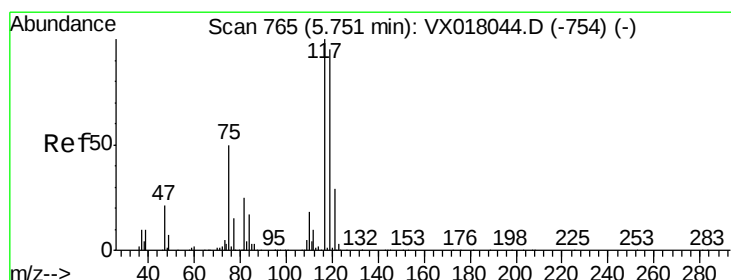
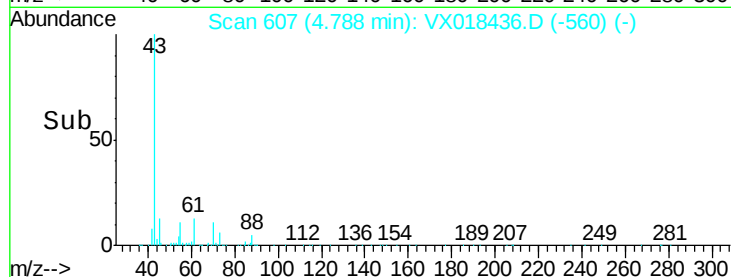
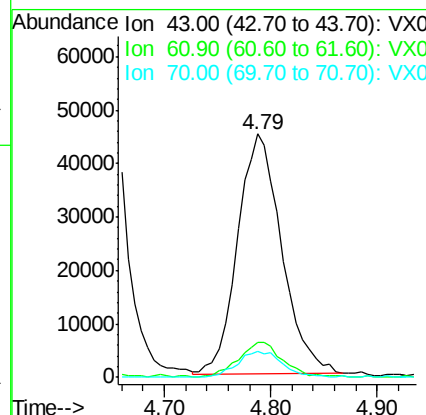
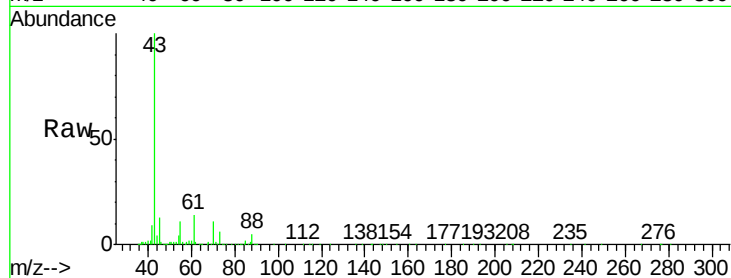
#37
Ethyl Acetate
Concen: 18.132 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	43	Resp	130256
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.3	16.9
70	11.1	8.2	12.4

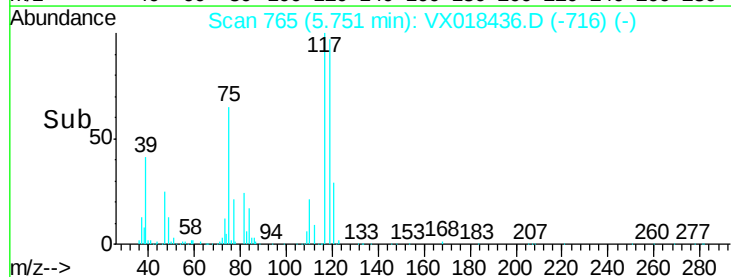
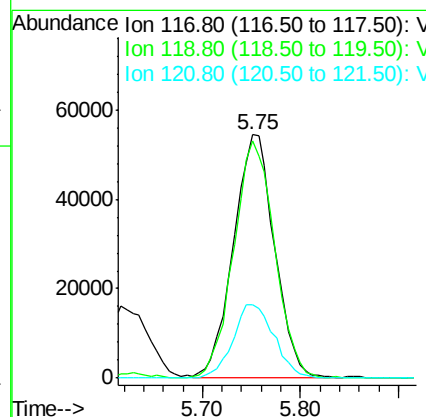
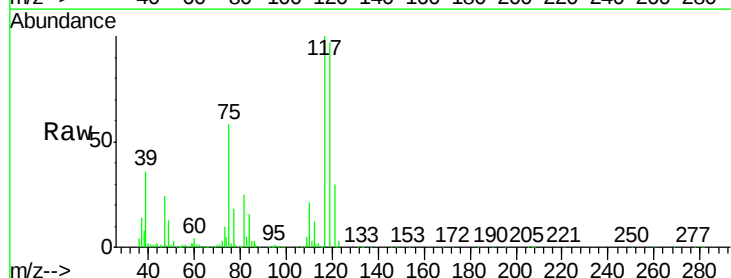
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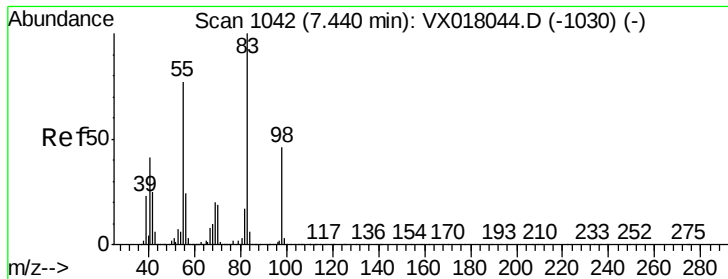
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#38
Carbon Tetrachloride
Concen: 22.786 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	117	Resp	158824
Ion Ratio	Lower	Upper	
117	100		
119	97.2	75.8	113.6
121	30.4	23.4	35.0





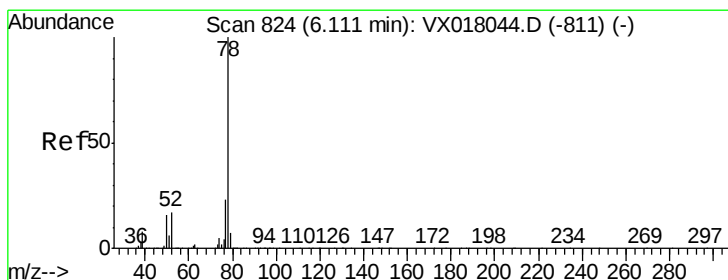
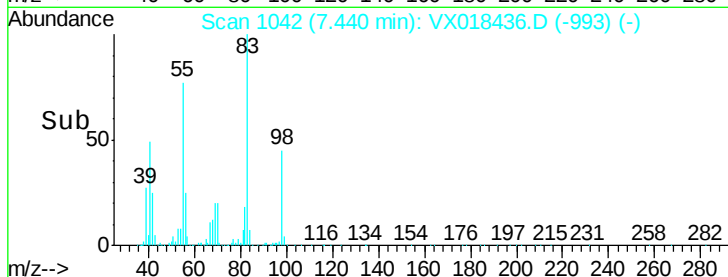
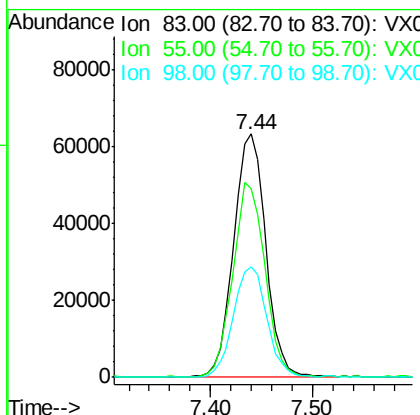
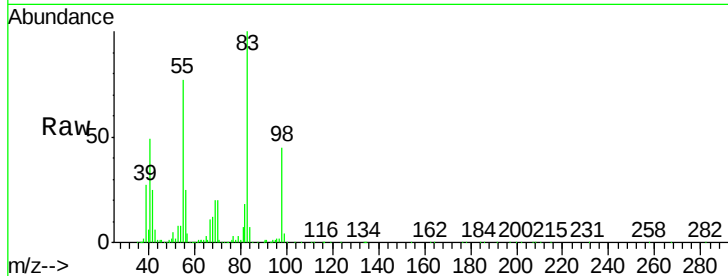
#39
Methvlcvclohexane
Concen: 20.494 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.8	92.6
98	45.3	36.6	55.0

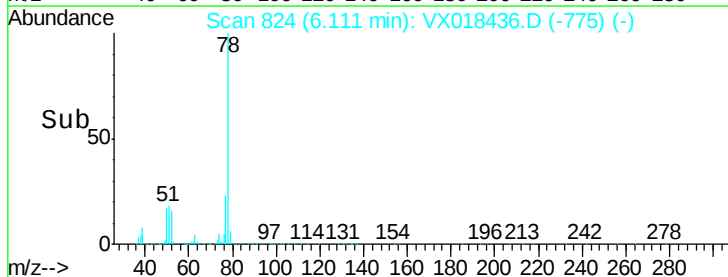
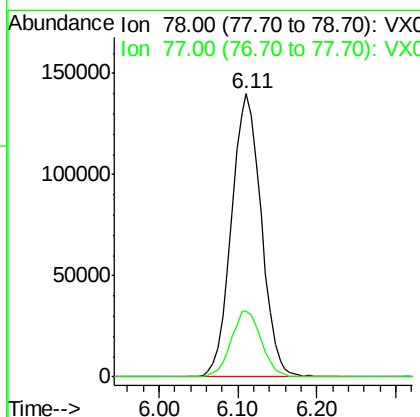
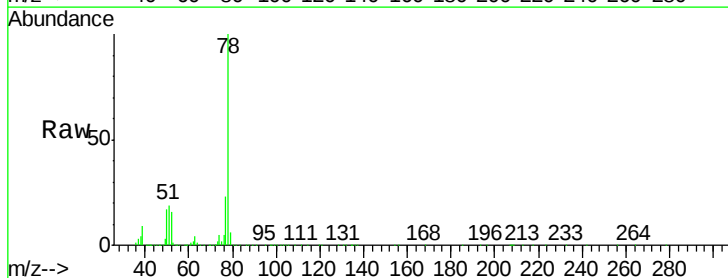
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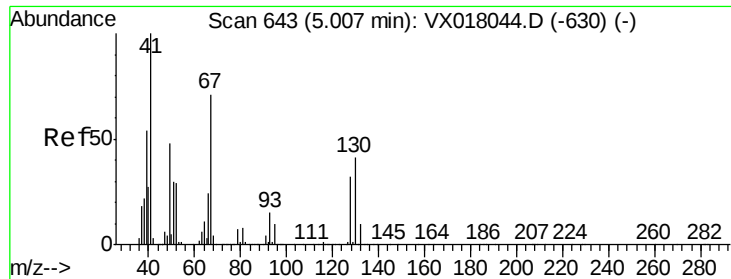
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#40
Benzene
Concen: 20.206 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.2





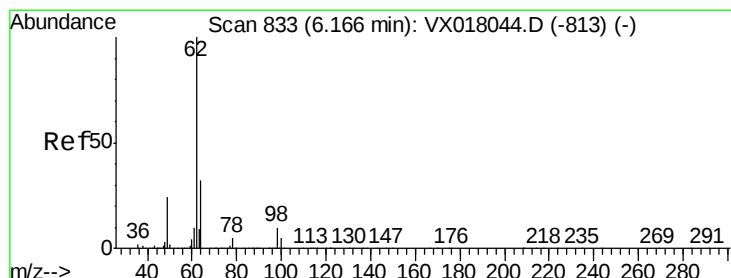
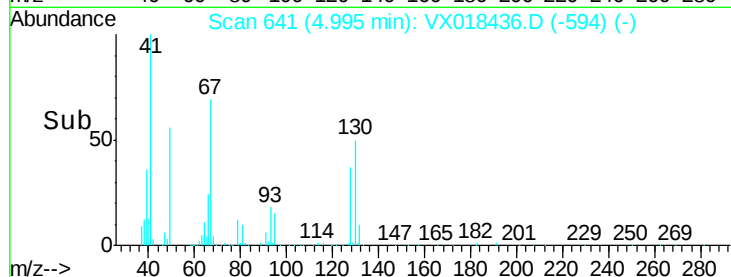
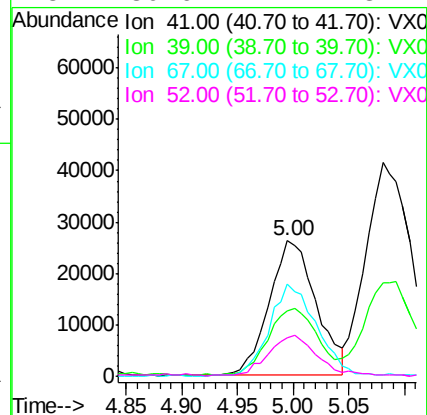
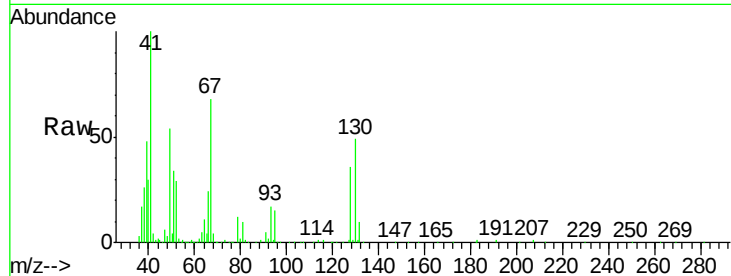
#41
Methacrylonitrile
Concen: 19.642 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	43.1	64.7	
67	68.8	56.0	84.0	
52	30.6	22.7	34.1	

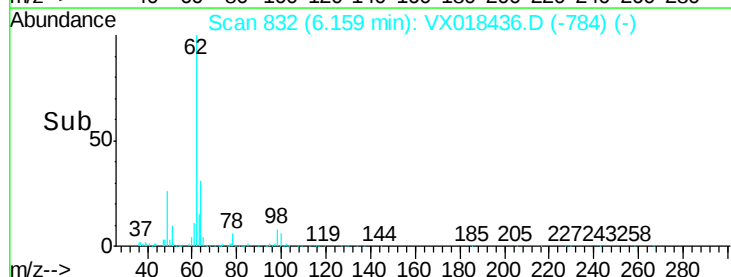
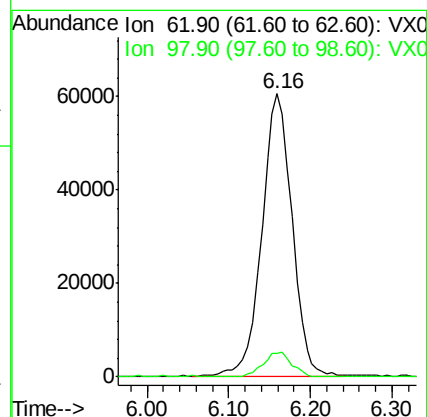
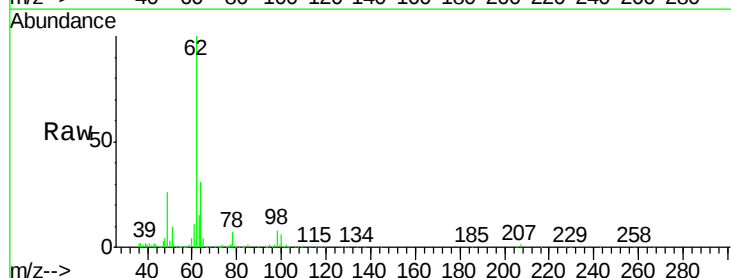
Manual Integrations
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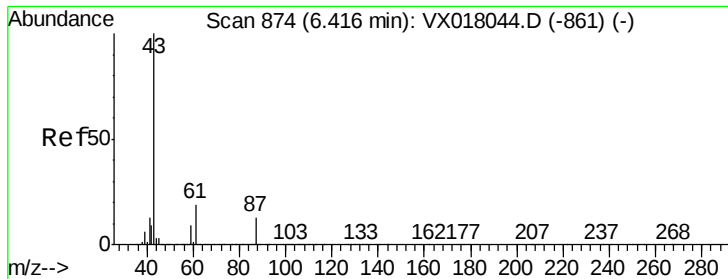
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#42
1,2-Dichloroethane
Concen: 22.356 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	18.2	





#43

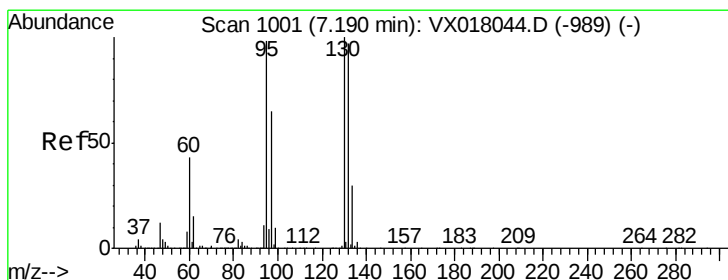
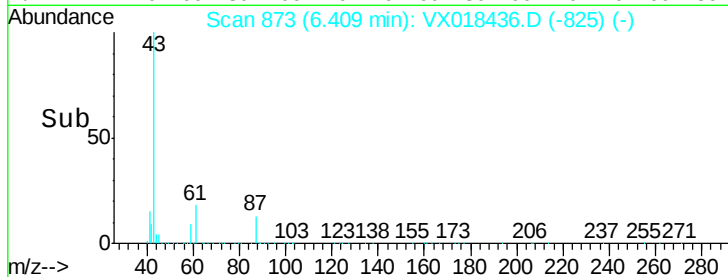
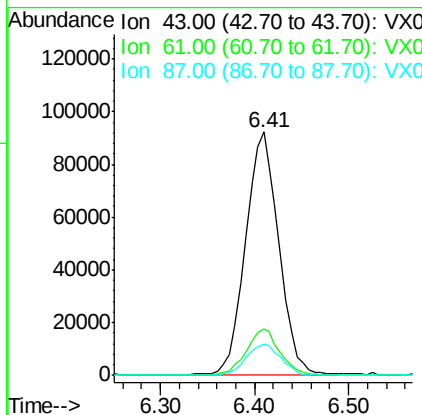
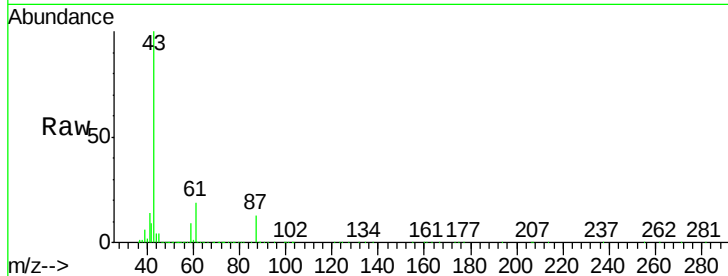
Isopropyl Acetate
 Concen: 19.450 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.7	23.5
87	13.6	10.3	15.5

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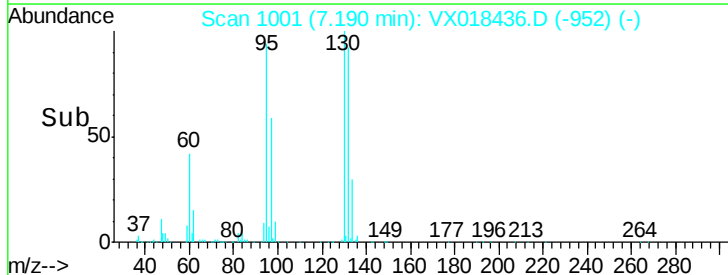
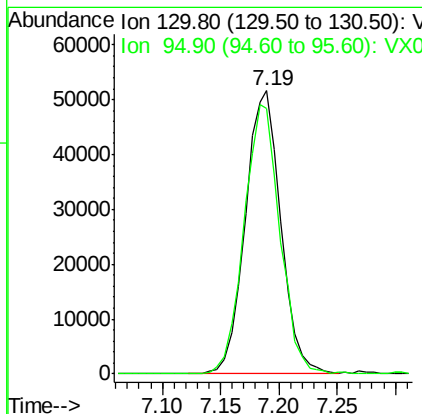
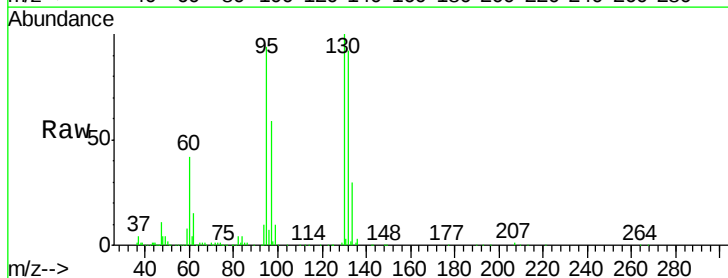
MMDadoda
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#44

Trichloroethene
 Concen: 21.311 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	196.4





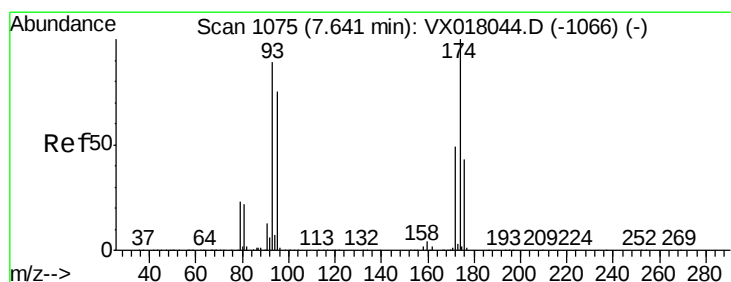
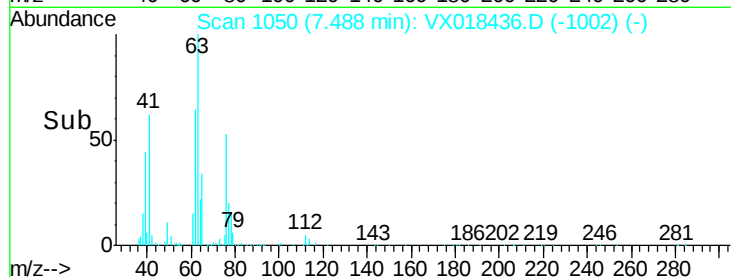
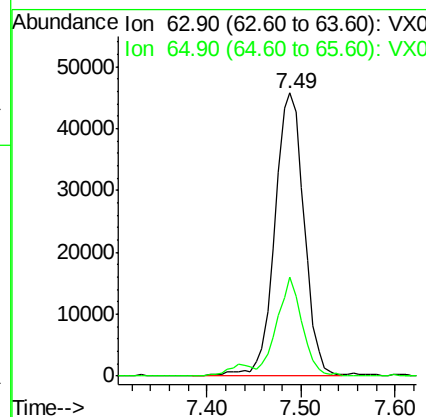
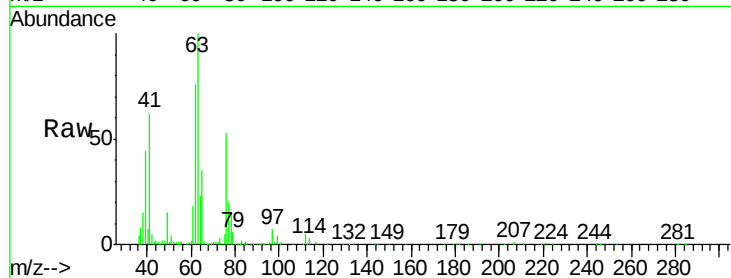
#45
 1,2-Dichloropropane
 Concen: 20.257 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.6	25.7	38.5

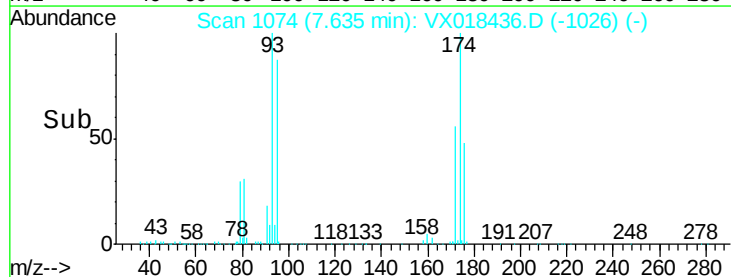
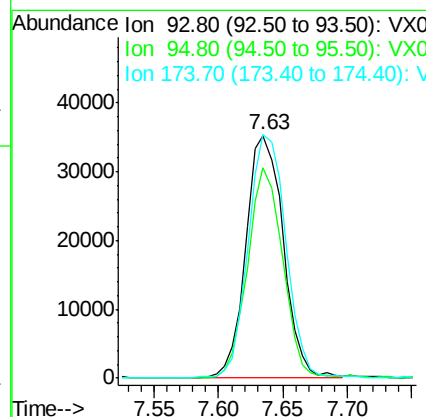
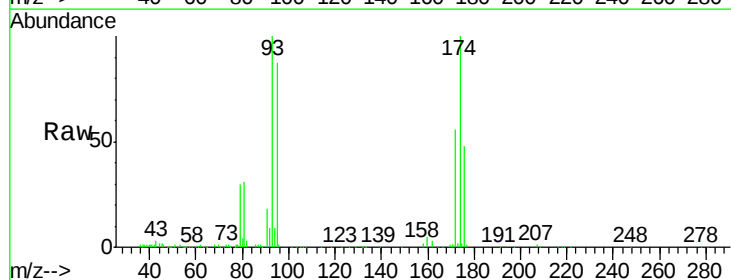
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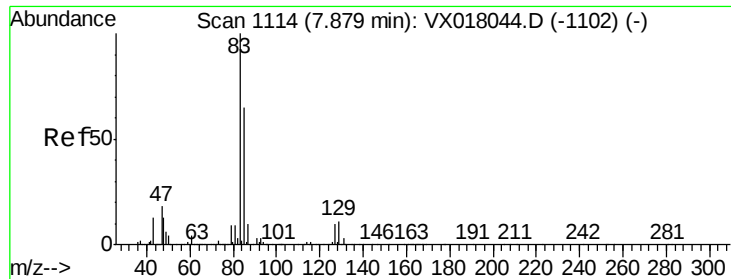
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#46
 Dibromomethane
 Concen: 20.556 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	67.3	100.9
174	101.5	82.2	123.2





#47

Bromodichloromethane

Concen: 22.154 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

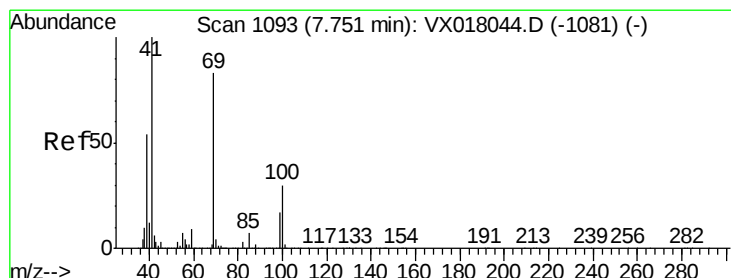
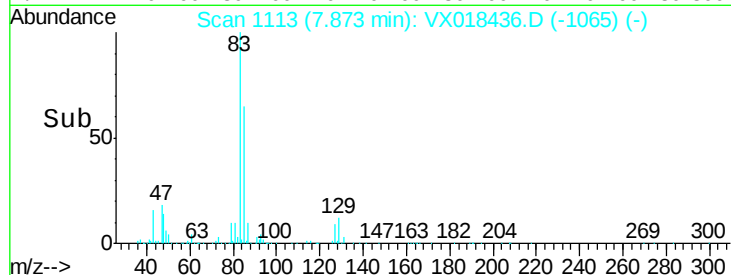
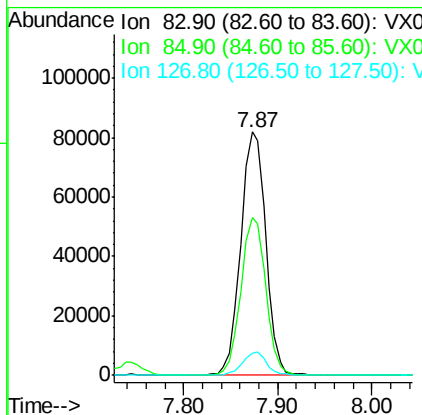
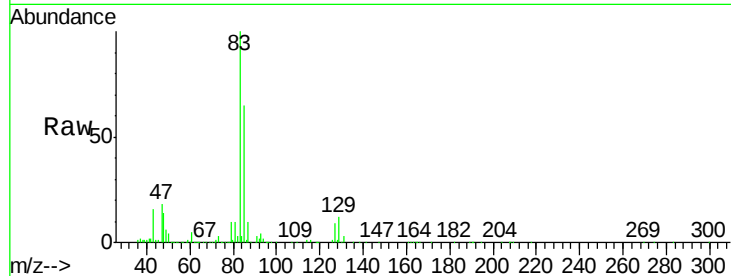
ClientSampleId :

VX0916WBSD01

Tot Ion:	83	Resp:	152366
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.8	77.6
127	8.8	7.7	11.5

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#48

Methyl methacrylate

Concen: 19.130 ug/l

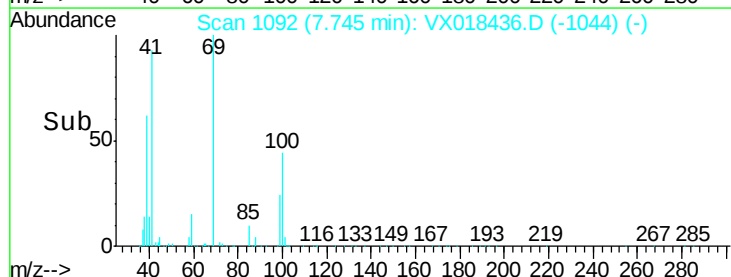
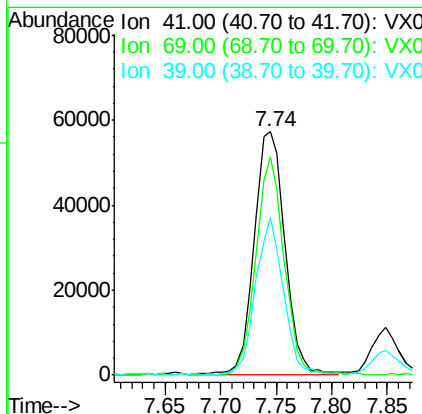
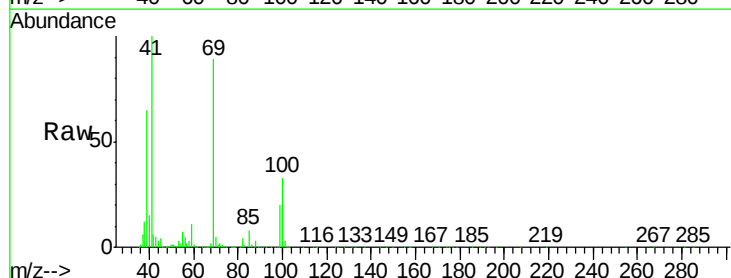
RT: 7.74 min Scan# 1092

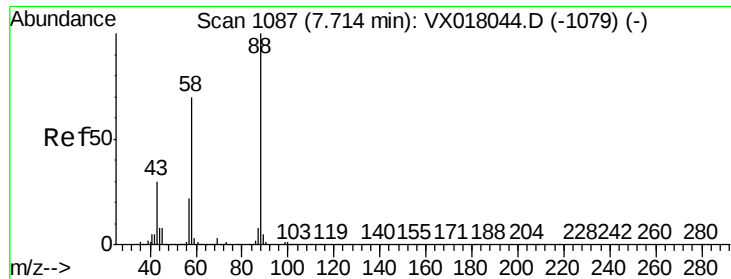
Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion:	41	Resp:	110496
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.5	98.3
39	58.6	44.5	66.7





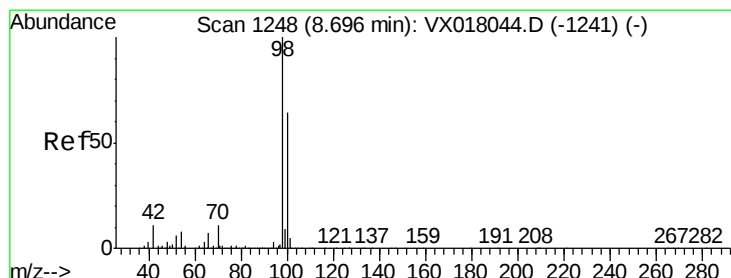
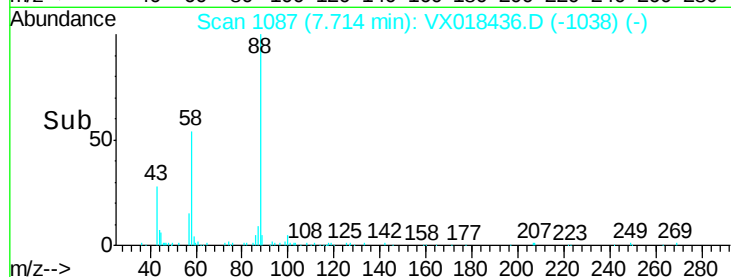
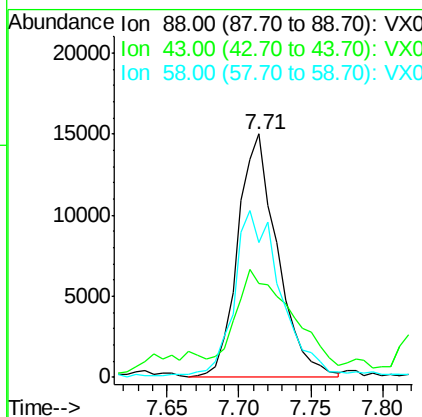
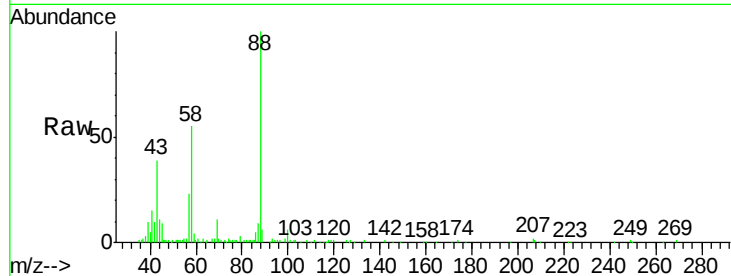
#49
1,4-Dioxane
Concen: 274.986 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	52.0	27.4	41.0#
58	79.2	56.4	84.6

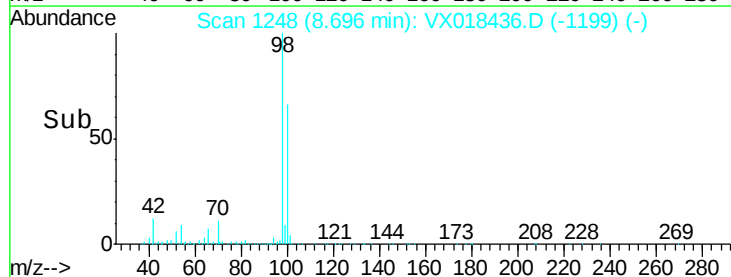
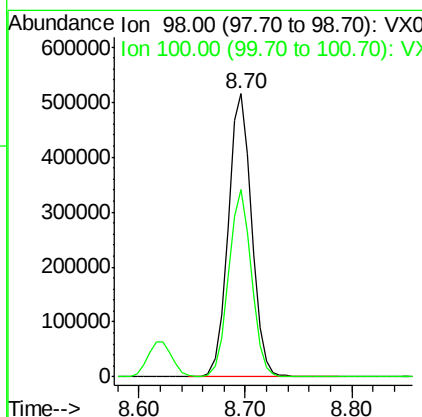
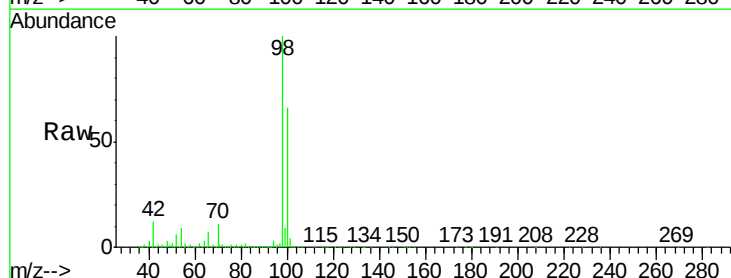
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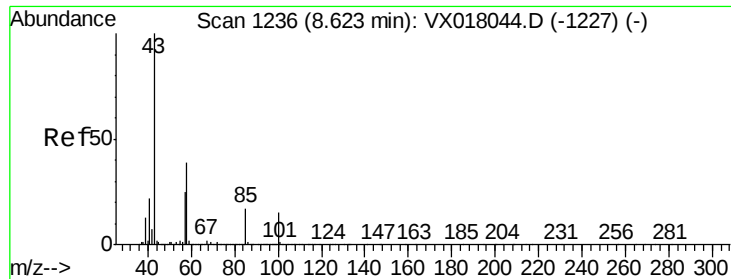
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#50
Toluene-d8
Concen: 46.632 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.4





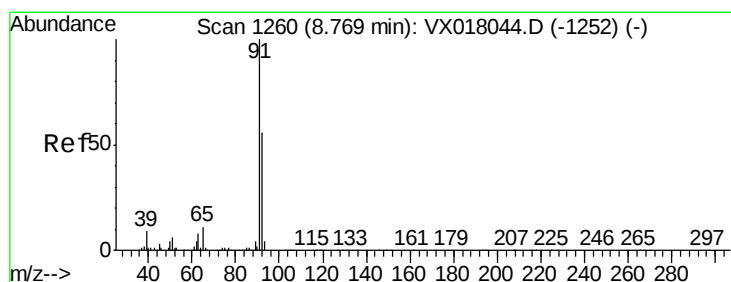
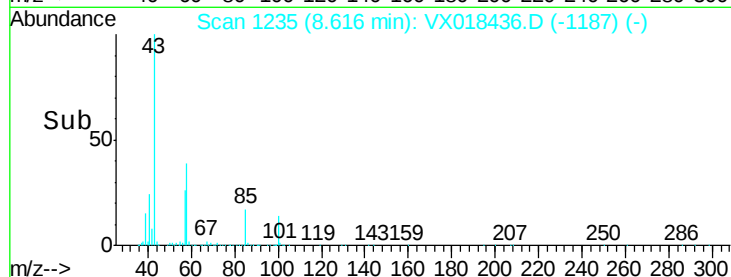
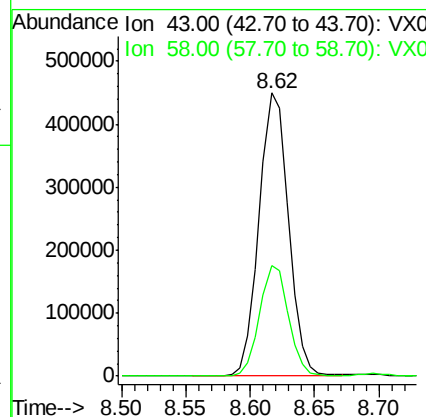
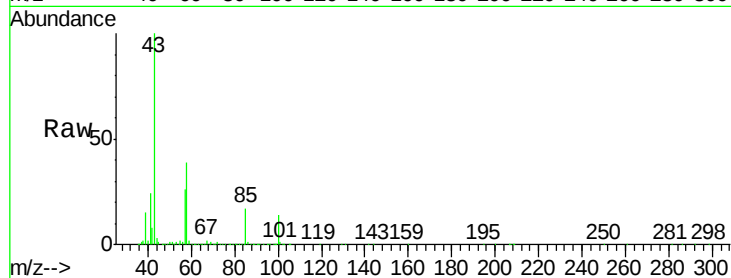
#51
4-Methyl-2-Pentanone
Concen: 98.986 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.7	46.1

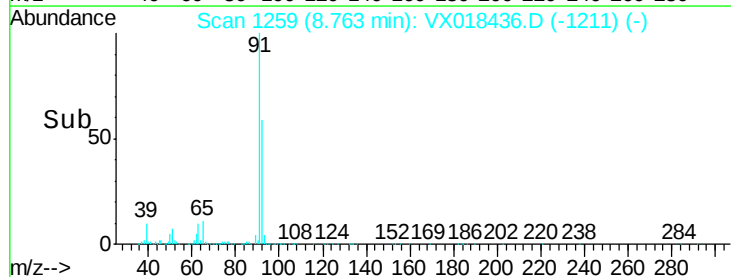
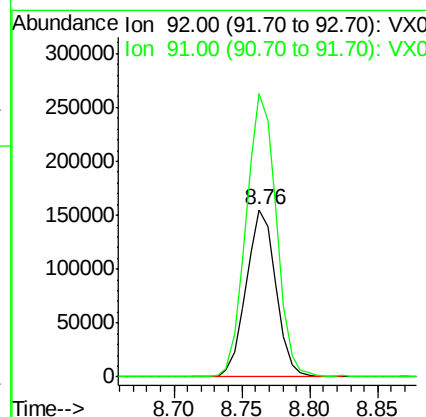
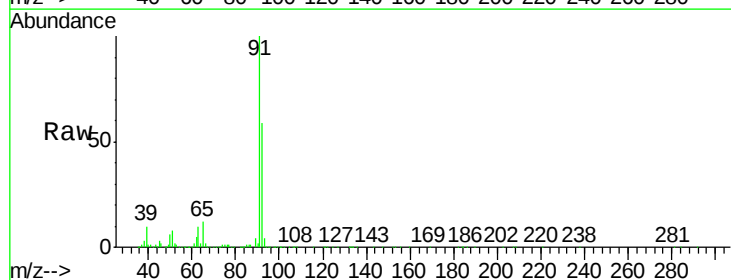
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#52
Toluene
Concen: 20.469 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.9	140.3	210.5





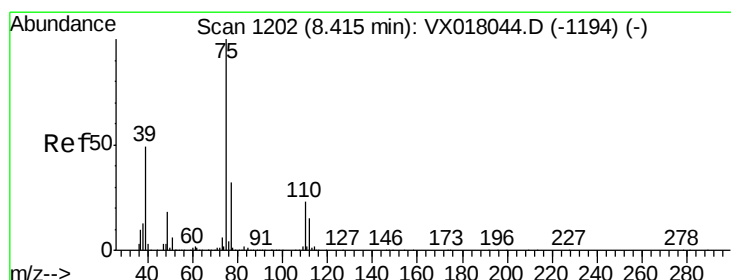
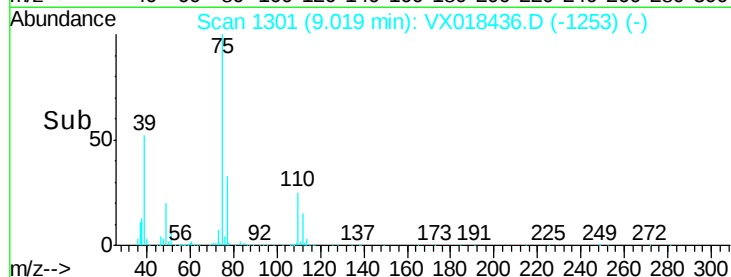
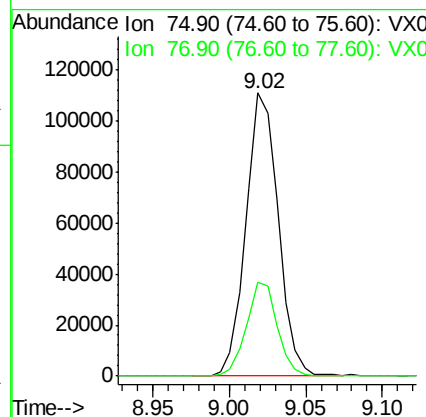
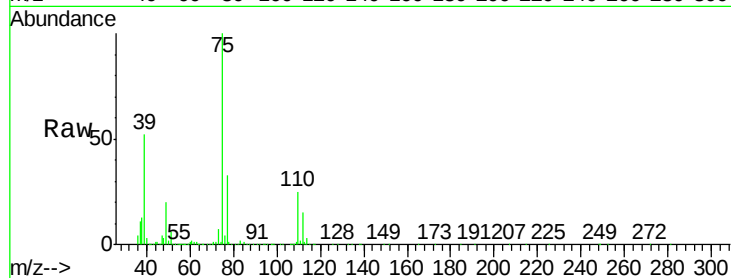
#53
t-1,3-Dichloropropene
Concen: 21.387 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion: 75 Resp: 163026
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8

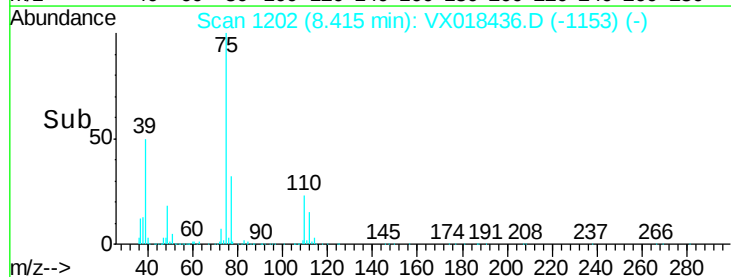
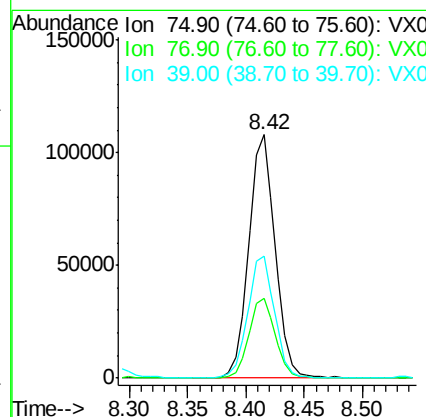
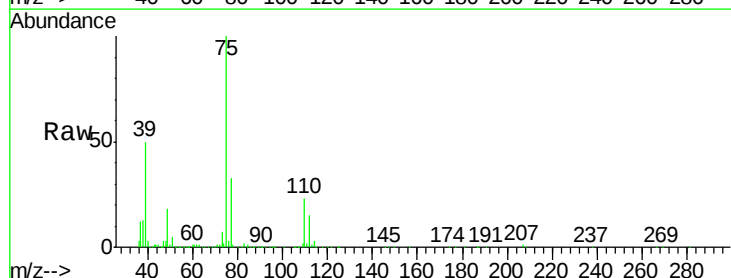
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 21.139 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 75 Resp: 170696
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
39 50.0 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 21.400 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

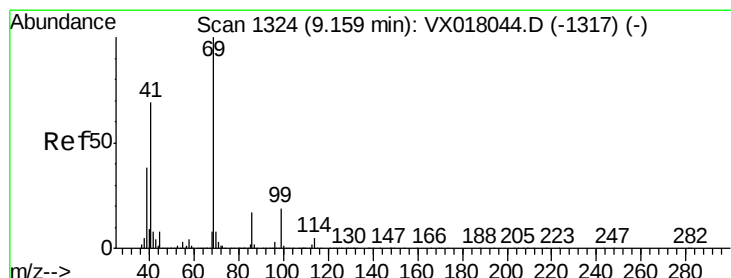
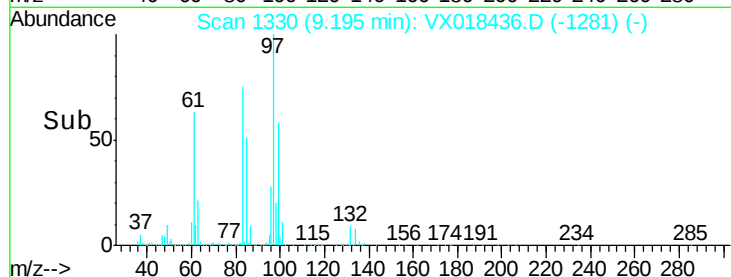
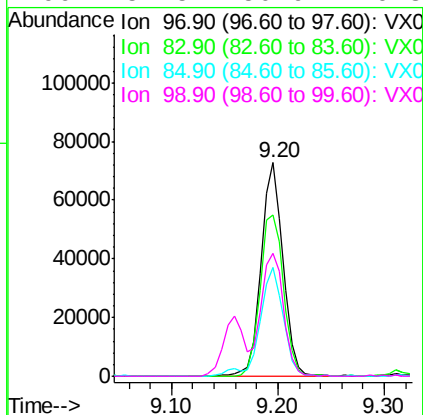
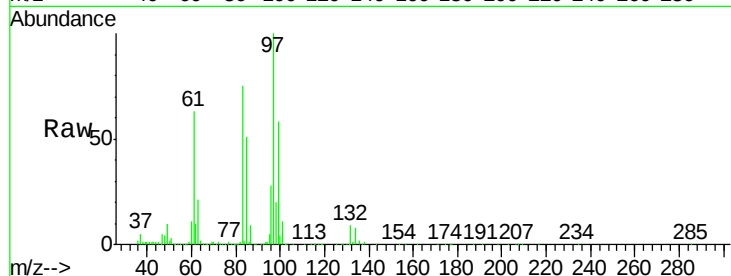
ClientSampleId :

VX0916WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		105181		
83	75.1	67.8	101.6		
85	51.1	45.3	67.9		
99	57.5	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 19.861 ug/l

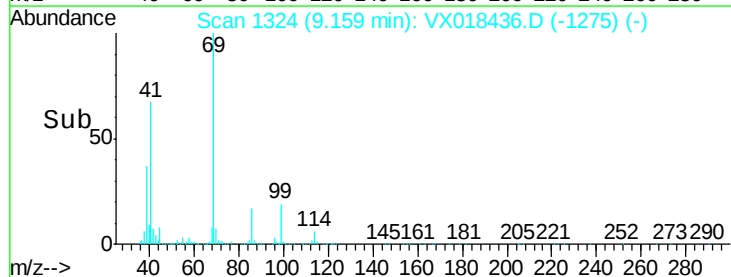
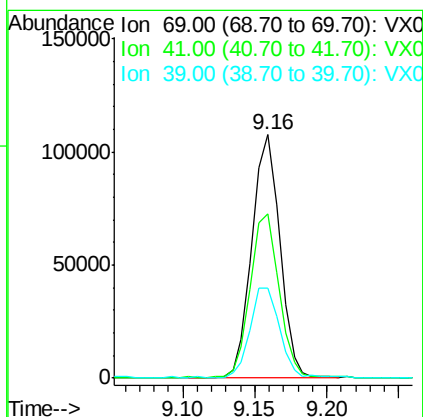
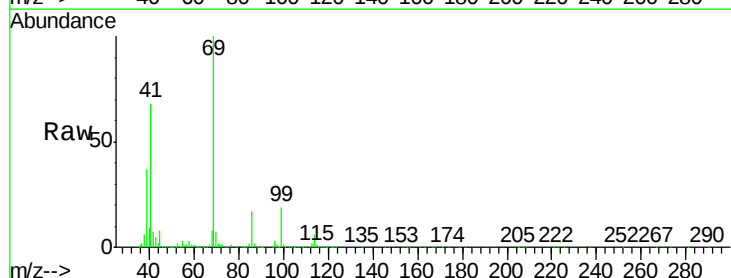
RT: 9.16 min Scan# 1324

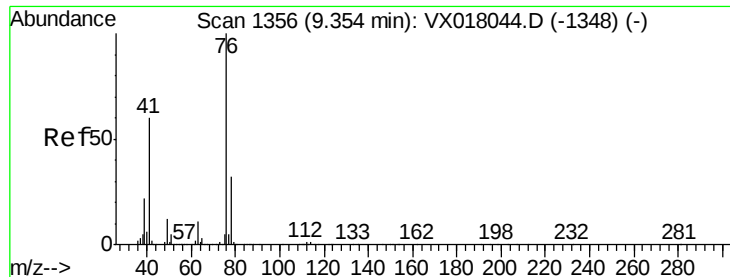
Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		145116		
41	69.3	54.6	81.8		
39	38.5	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 20.293 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 76 Resp: 164510

Ion Ratio Lower Upper

76 100

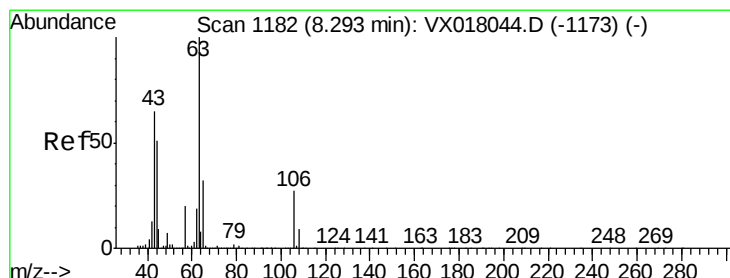
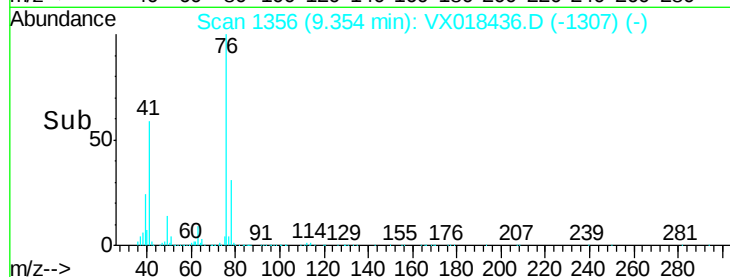
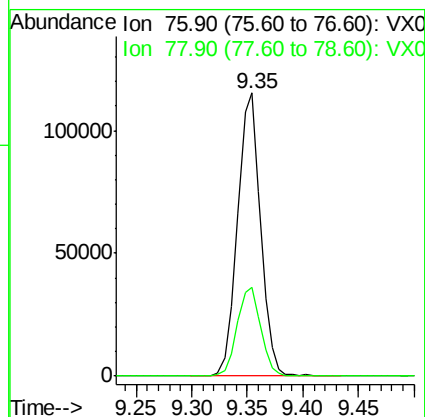
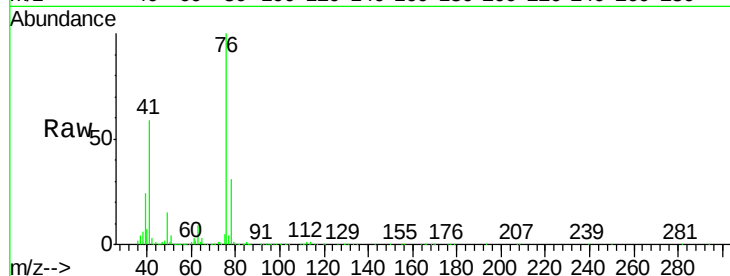
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 101.788 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018436.D

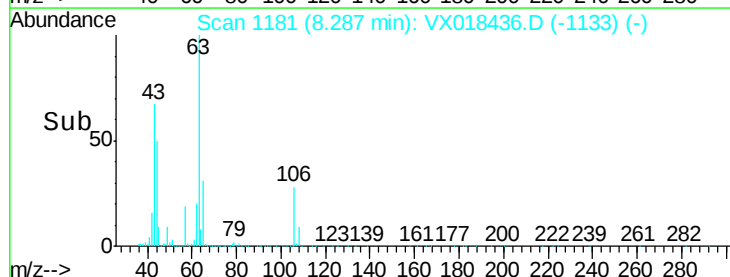
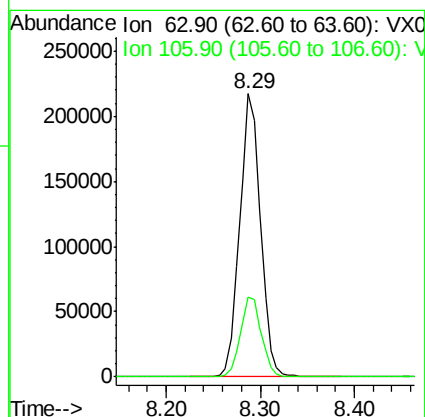
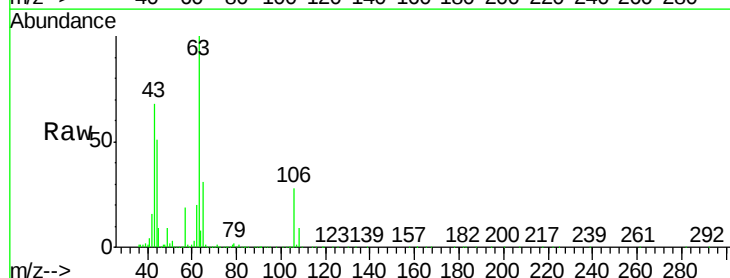
Acq: 16 Sep 2020 13:43

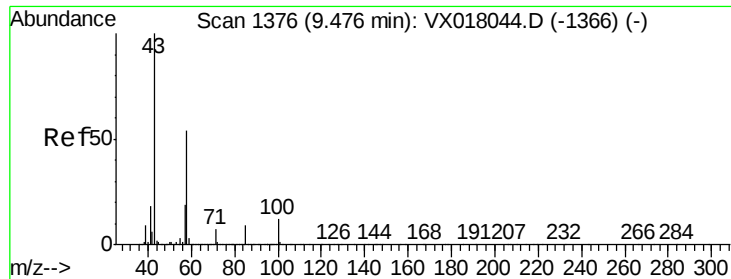
Tgt Ion: 63 Resp: 334563

Ion Ratio Lower Upper

63 100

106 28.5 22.1 33.1





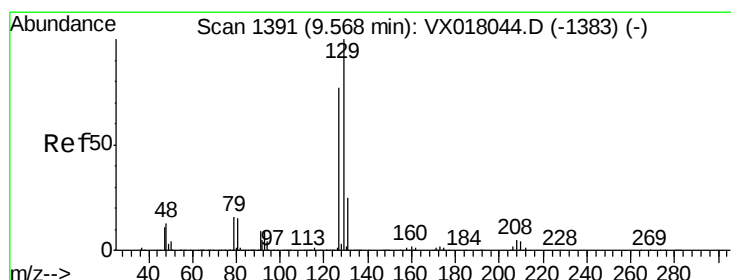
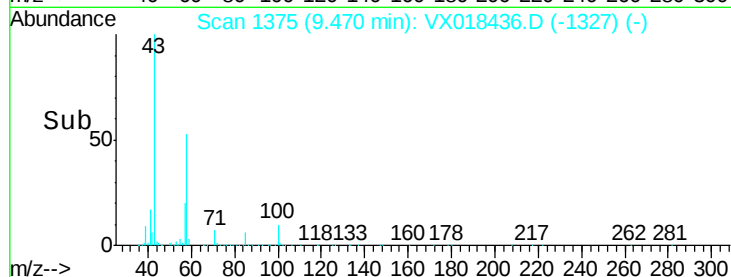
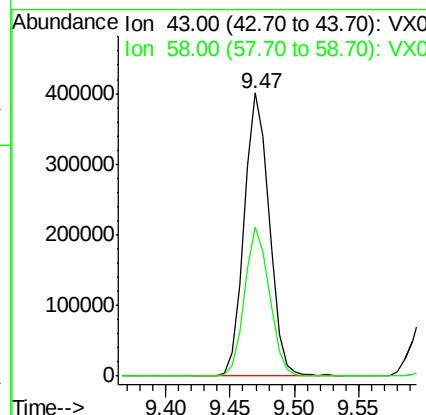
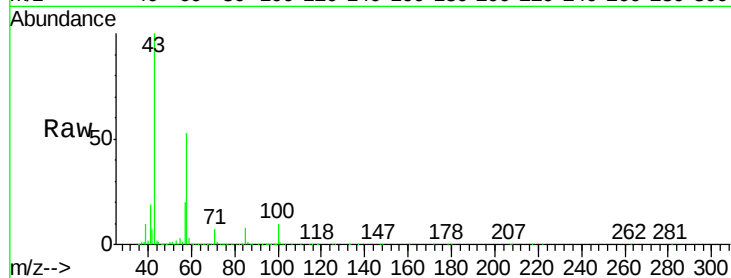
#59
2-Hexanone
Concen: 98.619 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion: 43 Resp: 537456
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7

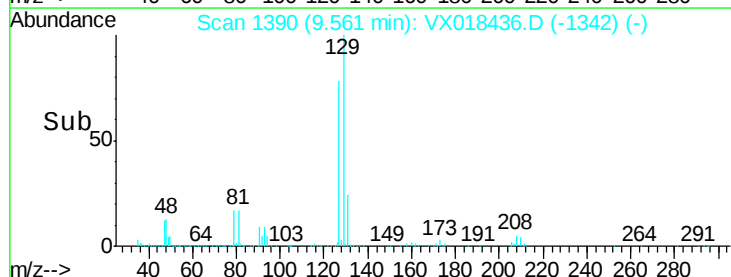
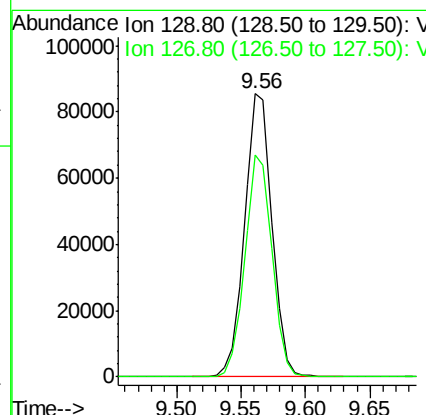
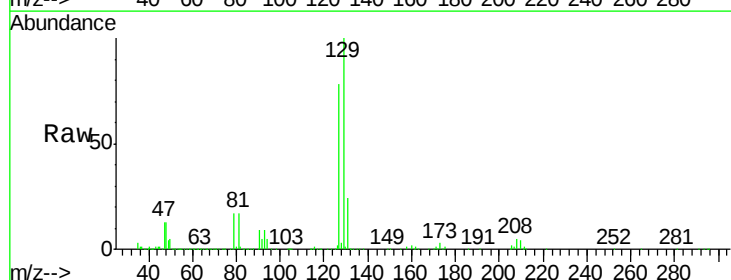
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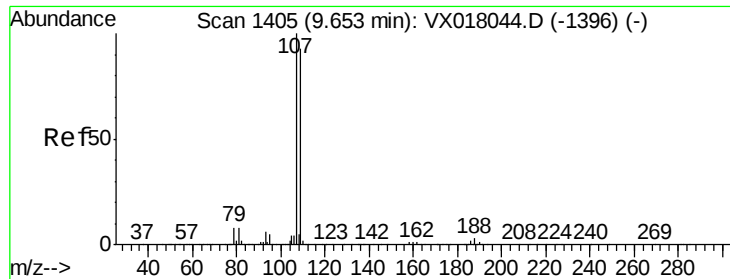
MMDadoda
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#60
Dibromochloromethane
Concen: 21.730 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 129 Resp: 125288
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.838 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 107 Resp: 111192

Ion Ratio Lower Upper

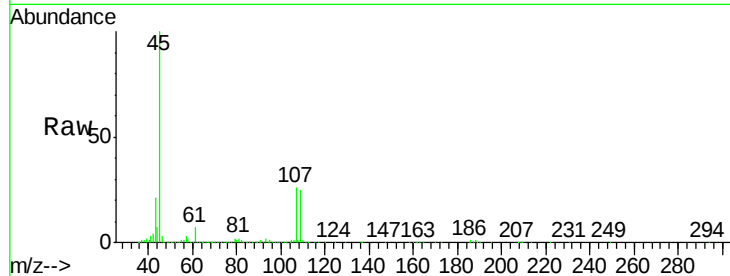
107 100

109 94.5 75.9 113.9

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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

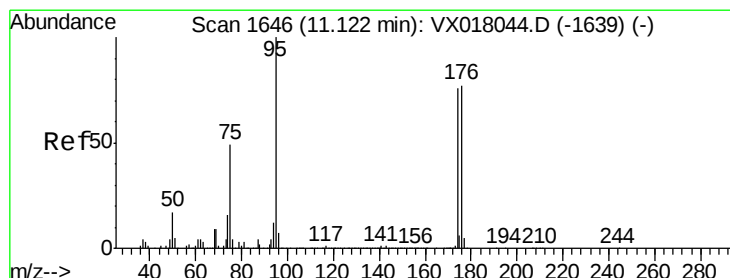
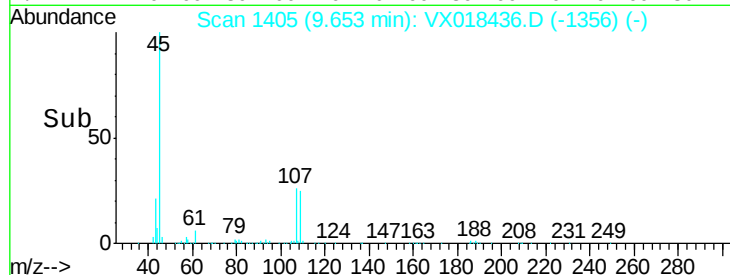
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.388 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

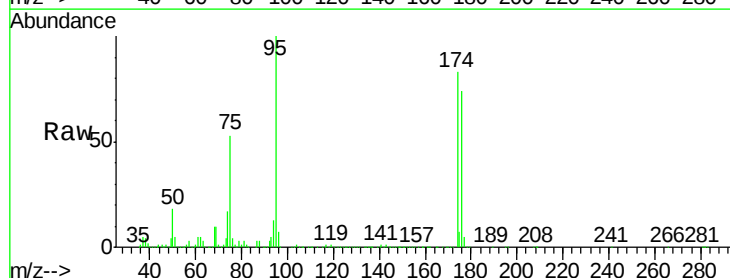
Tgt Ion: 95 Resp: 317142

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.2

176 73.7 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

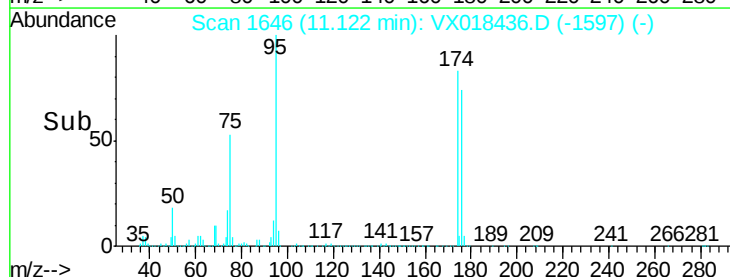
300000

200000

100000

0

Time--> 11.05 11.10 11.15 11.20





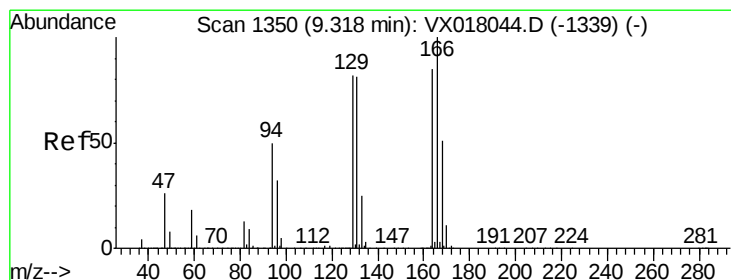
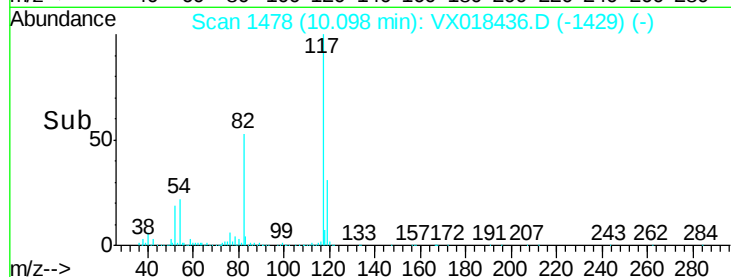
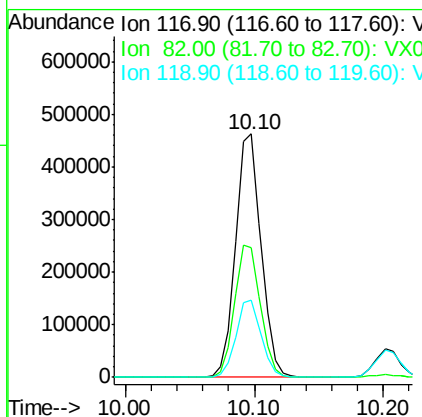
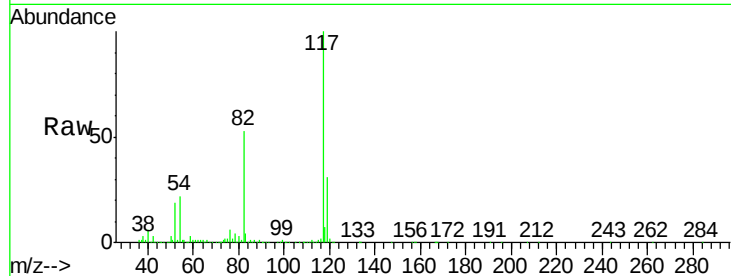
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	638149		
82	53.0		44.2	66.2
119	31.5		25.7	38.5

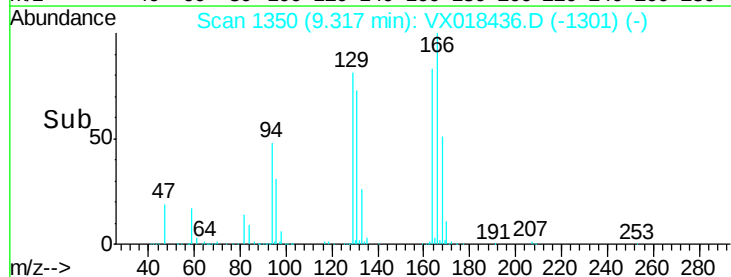
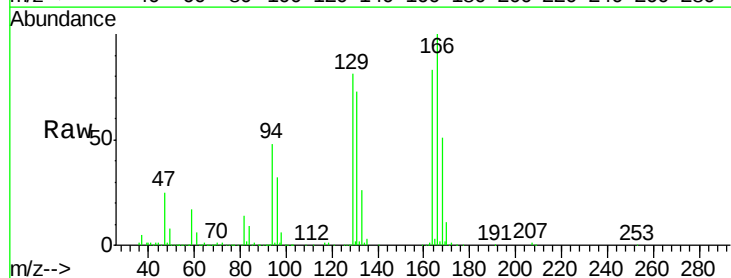
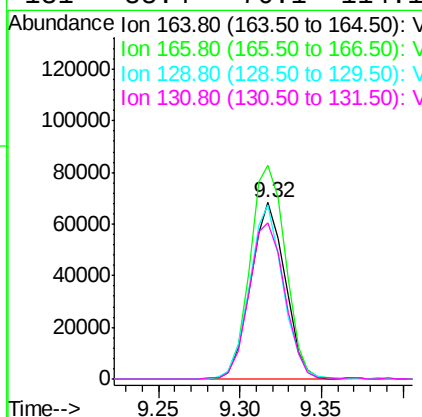
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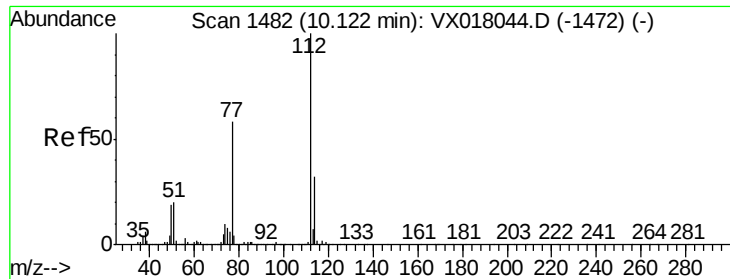
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#64
Tetrachloroethene
Concen: 21.457 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	100622		
166	121.0		94.2	141.2
129	98.5		76.9	115.3
131	88.4		76.1	114.1





#65

Chlorobenzene

Concen: 21.429 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion:112 Resp: 273123

Ion Ratio Lower Upper

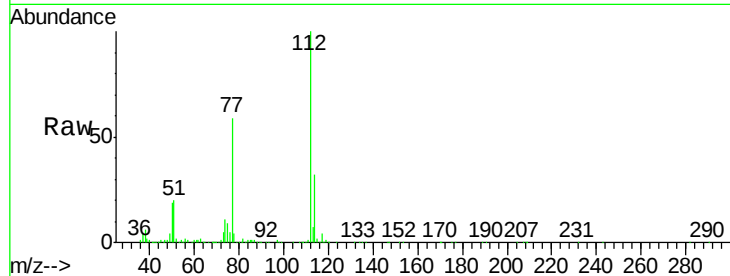
112 100

114 32.2 25.7 38.5

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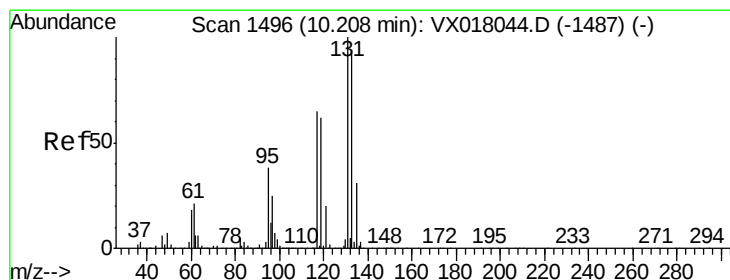
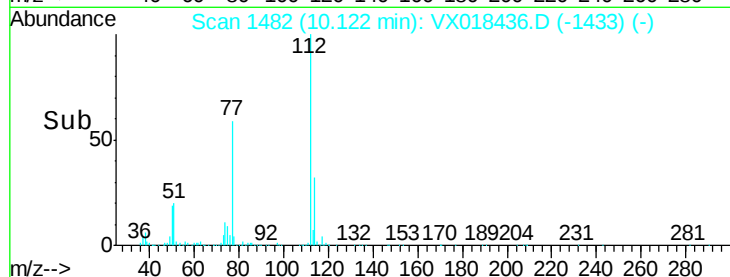
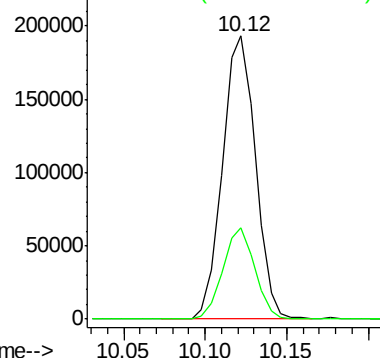
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.211 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

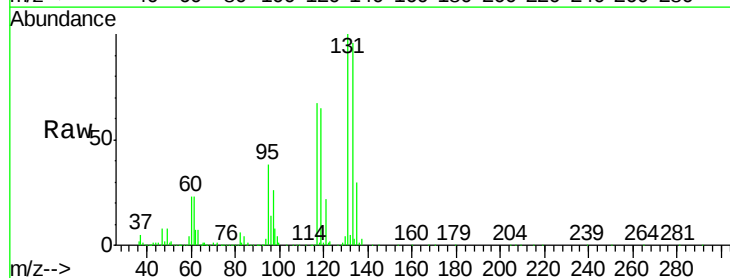
Tgt Ion:131 Resp: 111571

Ion Ratio Lower Upper

131 100

133 96.1 46.7 140.1

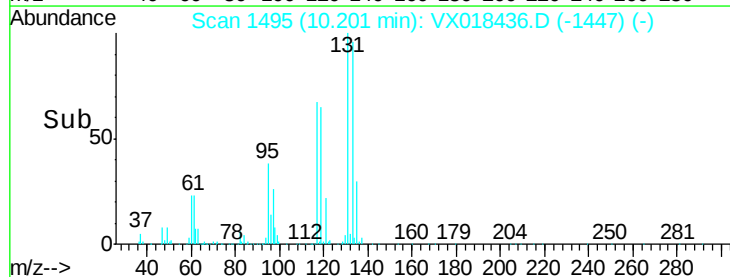
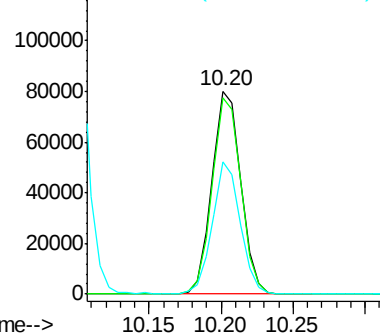
119 62.3 31.8 95.4

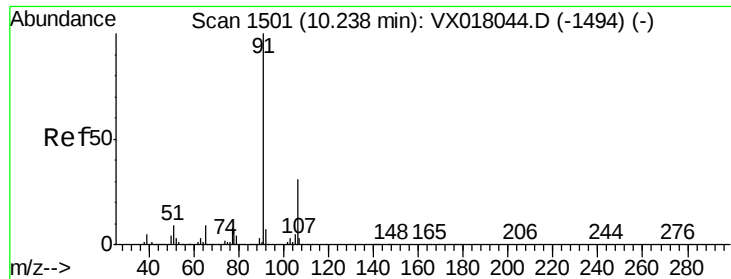


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.515 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 91 Resp: 466317

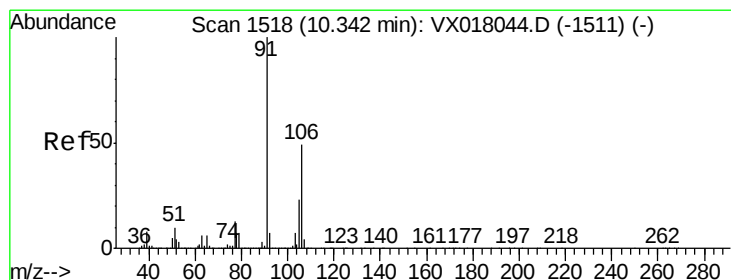
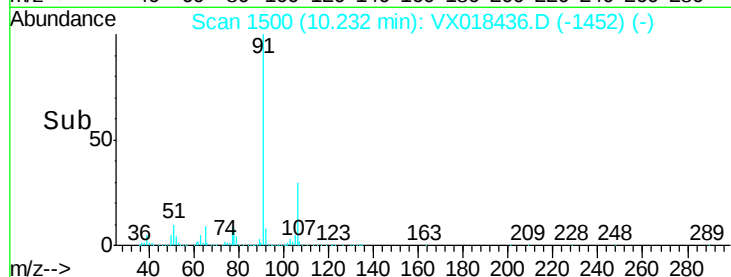
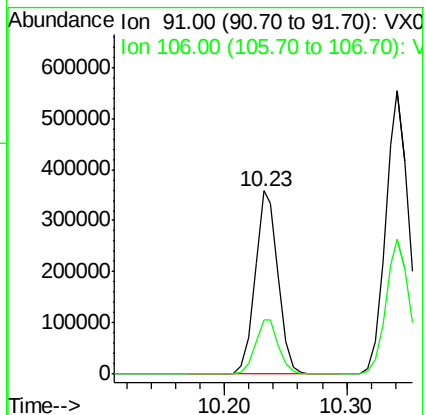
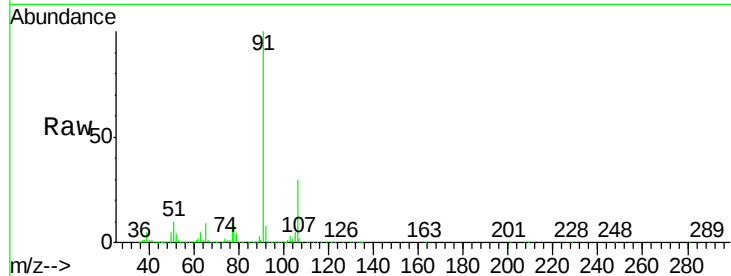
Ion Ratio Lower Upper

91 100

106 29.7 24.9 37.3

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#68

m/p-Xylenes

Concen: 43.285 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018436.D

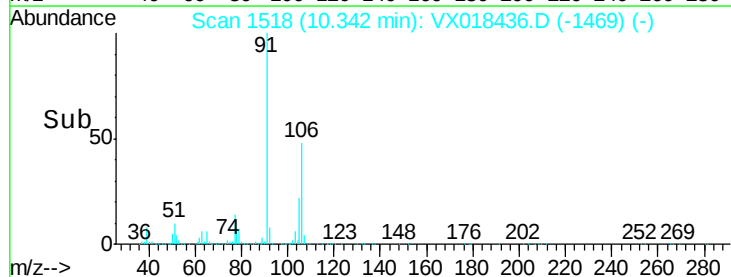
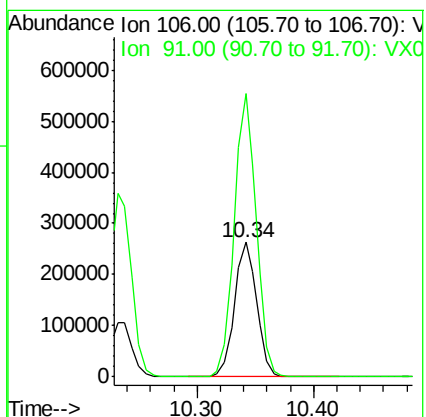
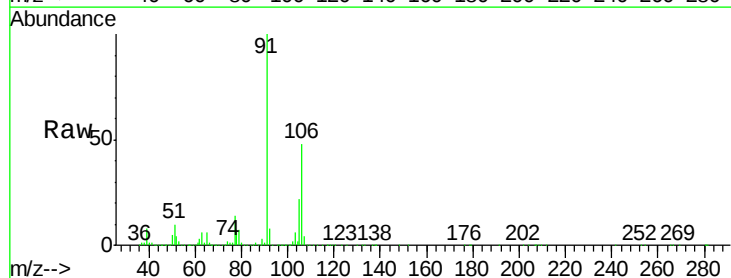
Acq: 16 Sep 2020 13:43

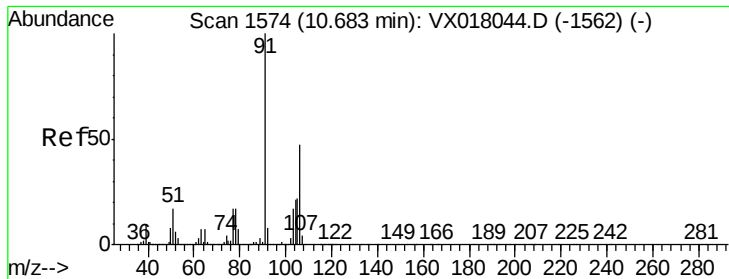
Tgt Ion: 106 Resp: 350175

Ion Ratio Lower Upper

106 100

91 208.3 162.2 243.2





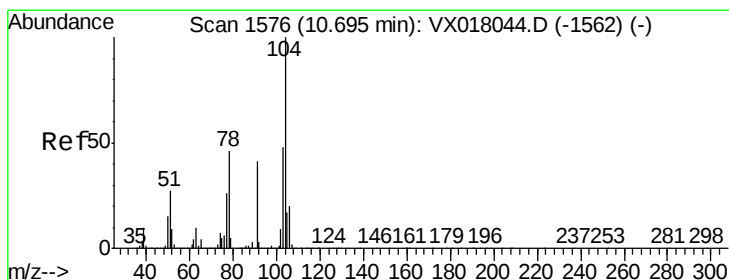
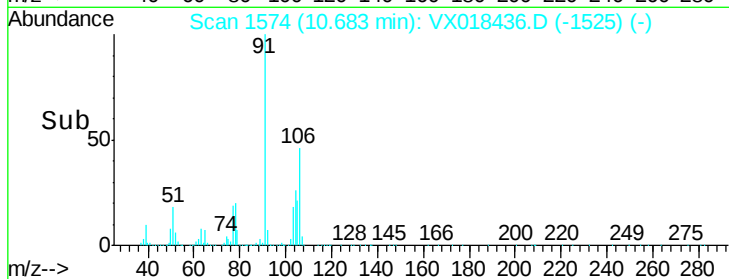
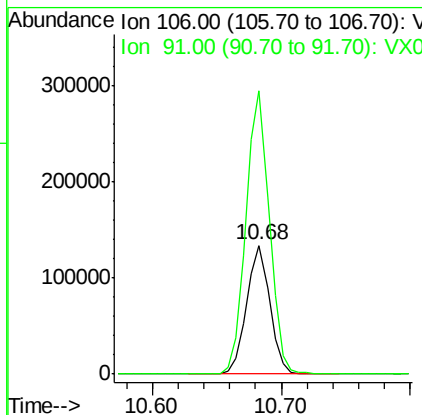
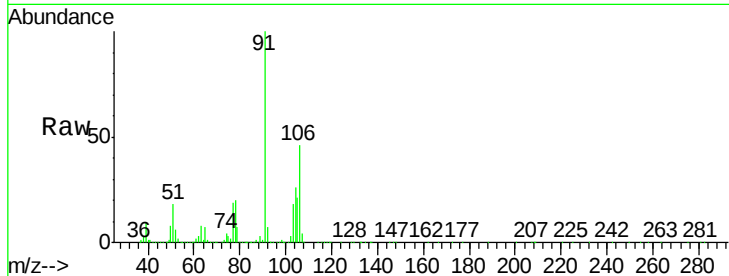
#69
o-Xylene
Concen: 21.007 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.5	107.1	321.3

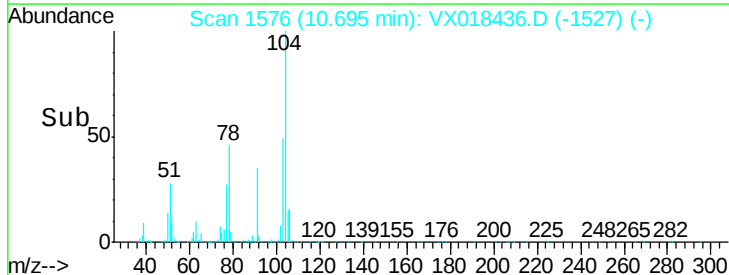
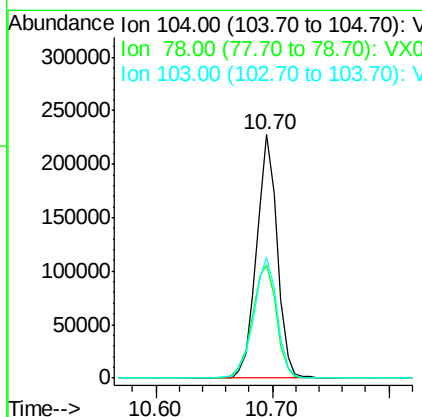
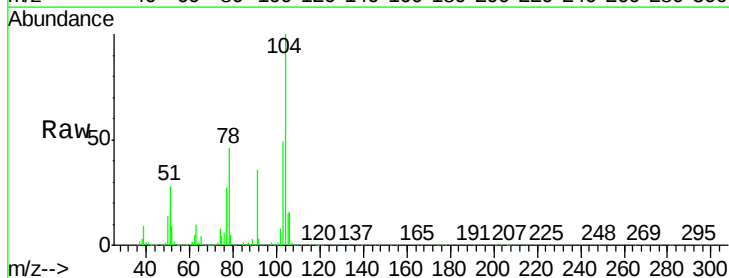
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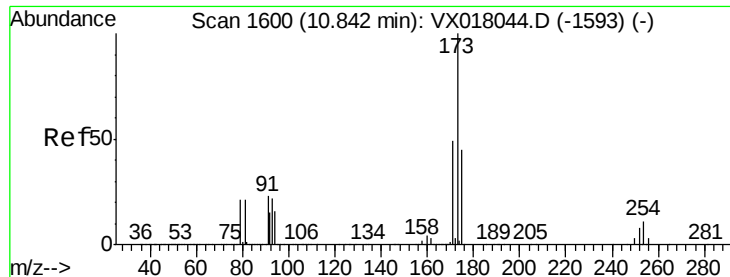
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#70
Styrene
Concen: 21.134 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.3	40.9	61.3
103	56.0	43.6	65.4





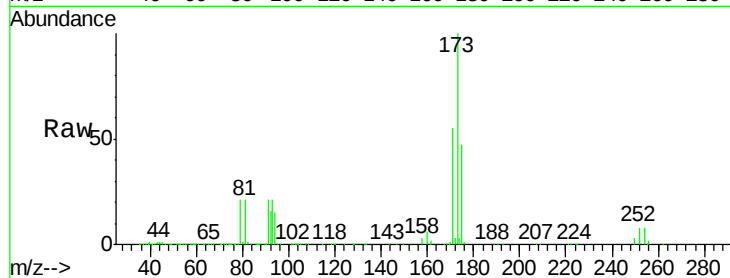
#71
Bromoform
Concen: 21.544 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

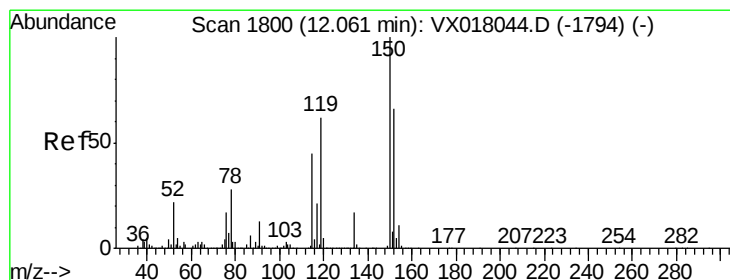
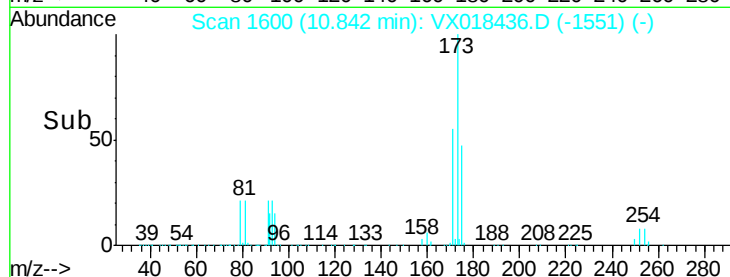
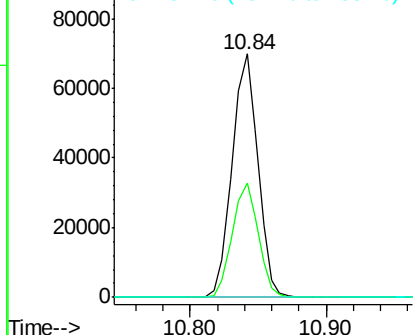
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	23.9	71.8
254	0.2	0.2	0.2

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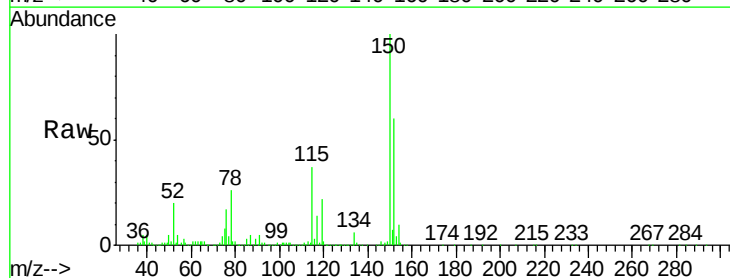


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

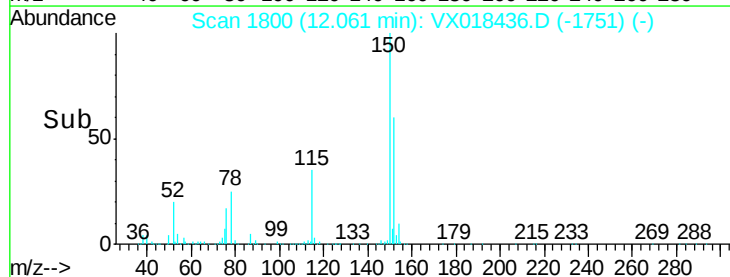
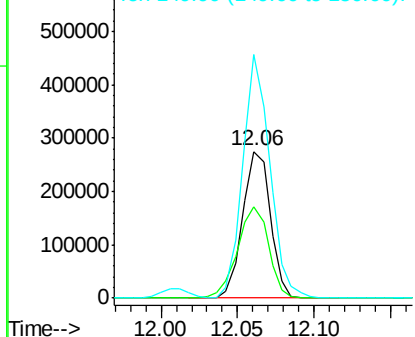


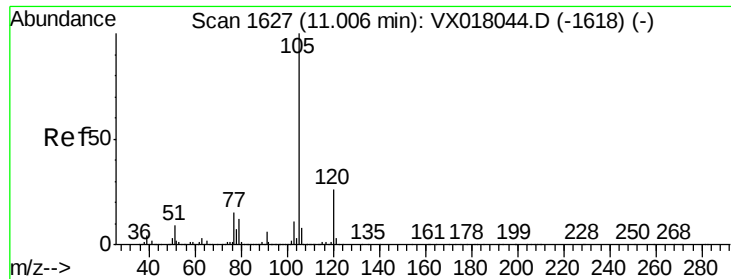
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.2	41.5	124.5
150	161.7	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: 20.366 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 105 Resp: 466553

Ion Ratio Lower Upper

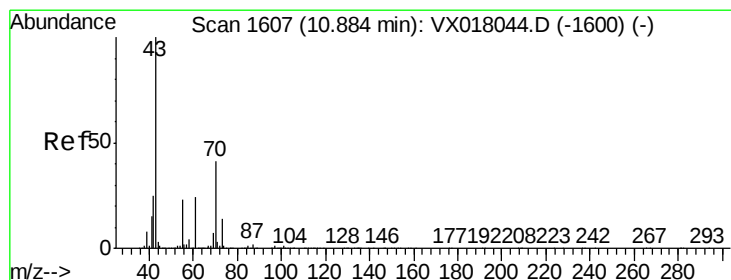
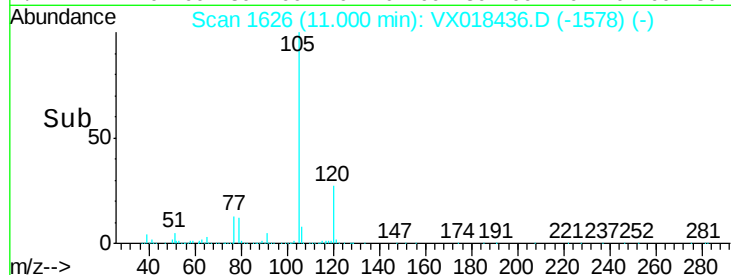
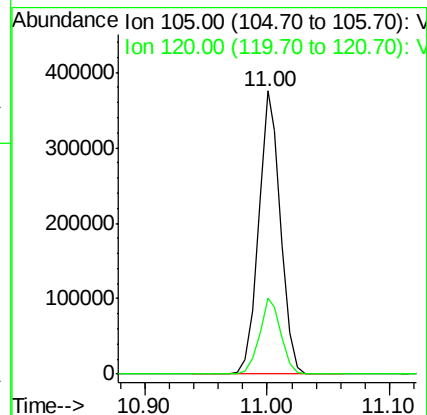
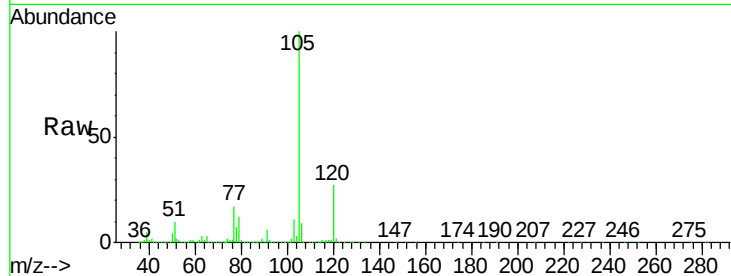
105 100

120 26.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.210 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion: 43 Resp: 197930

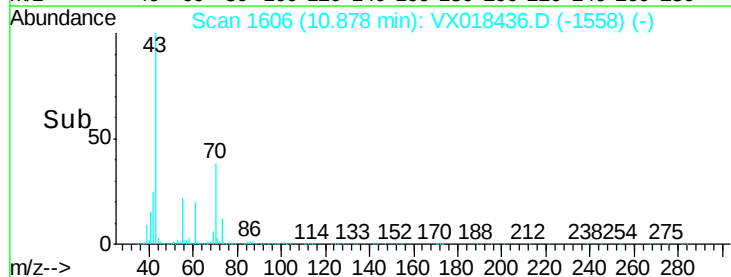
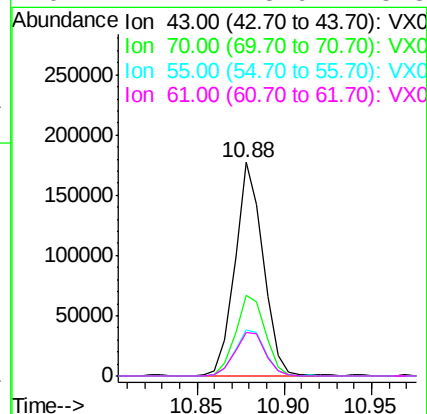
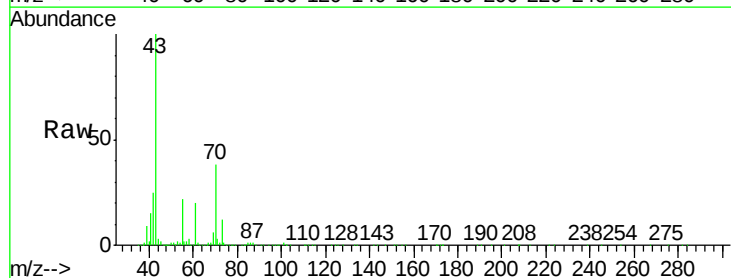
Ion Ratio Lower Upper

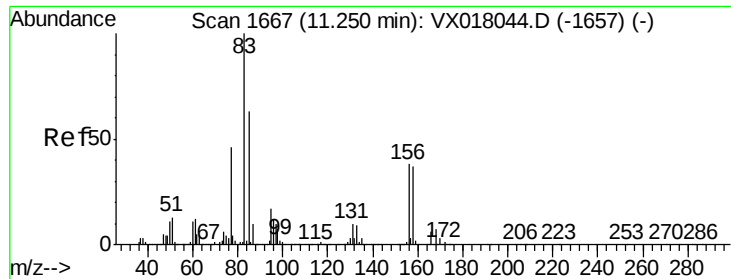
43 100

70 40.3 32.3 48.5

55 23.7 18.2 27.2

61 22.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.713 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

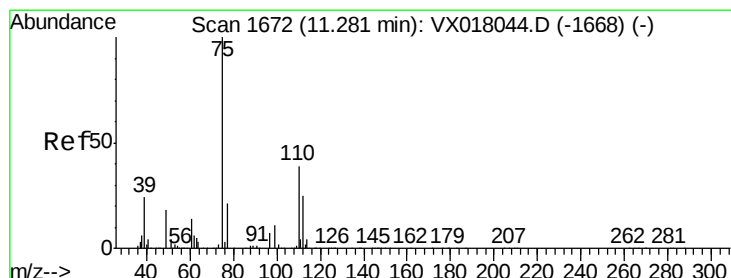
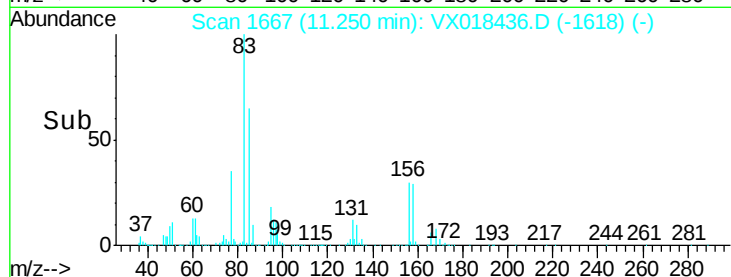
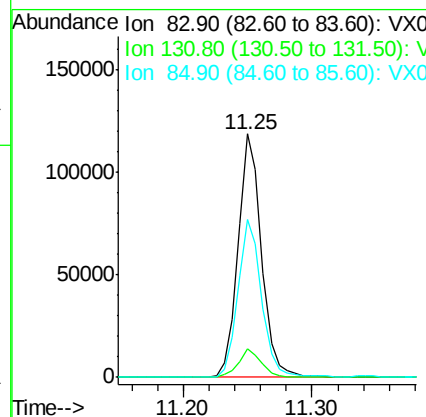
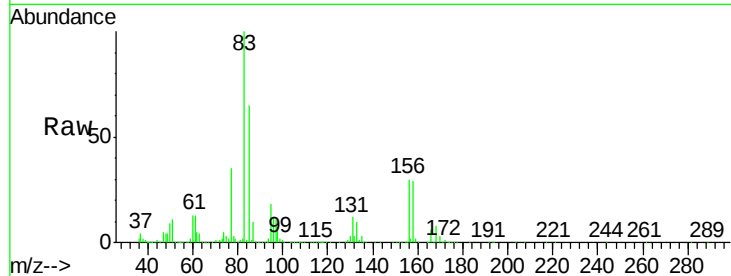
ClientSampleId :

VX0916WBSD01

Tot Ion:	83	Resp:	151225
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.1	15.4
85	65.7	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 18.779 ug/l m

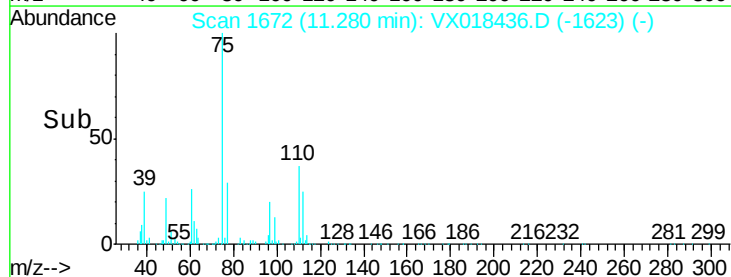
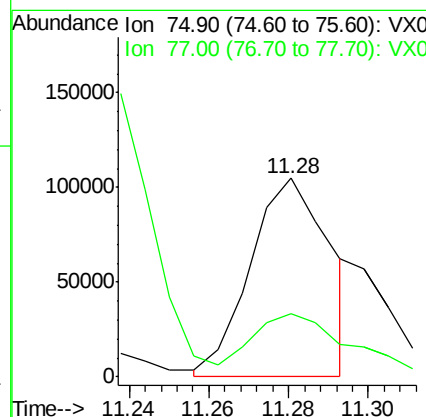
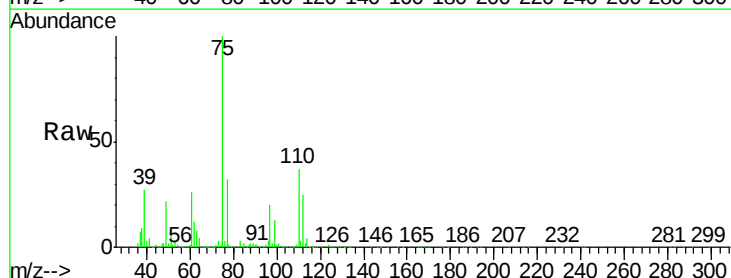
RT: 11.28 min Scan# 1672

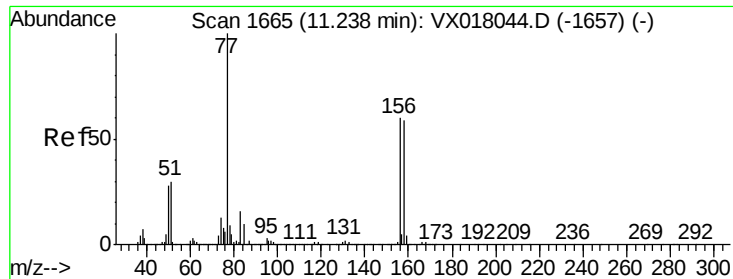
Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion:	75	Resp:	145086
Ion Ratio	Lower	Upper	
75	100		
77	39.6	20.8	62.2





#77

Bromobenzene

Concen: 19.538 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

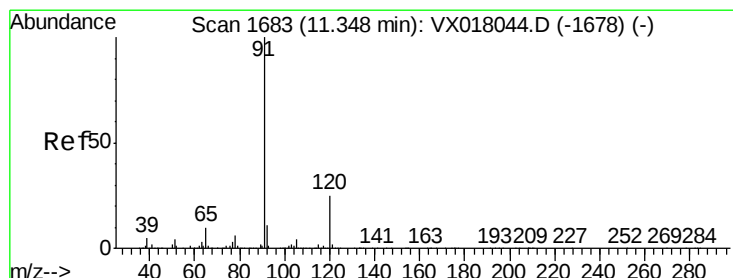
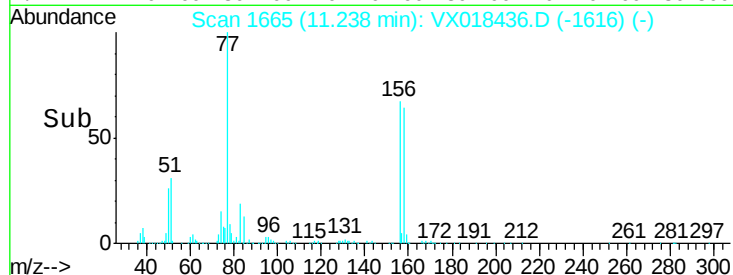
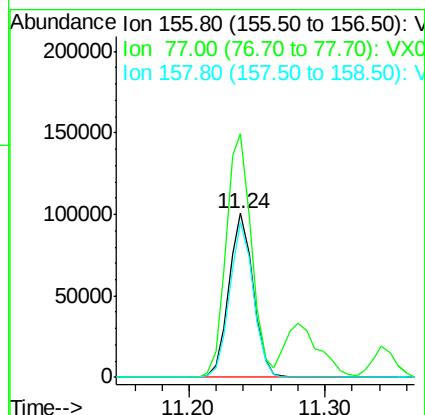
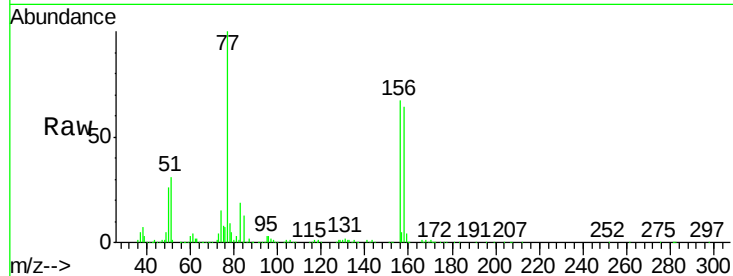
ClientSampleId :

VX0916WBSD01

Tot Ion:	156	Resp:	123724
Ion Ratio	Lower	Upper	
156	100		
77	156.1	80.0	240.2
158	93.3	49.5	148.7

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#78

n-propylbenzene

Concen: 20.556 ug/l

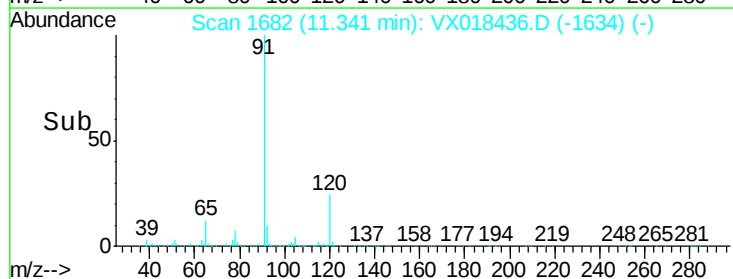
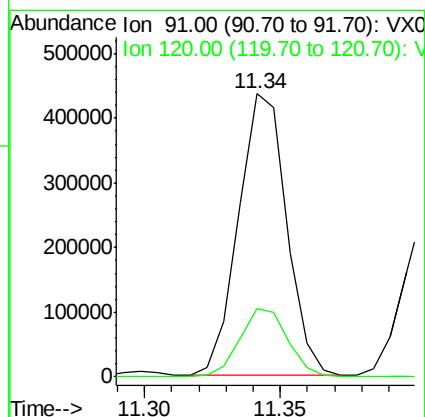
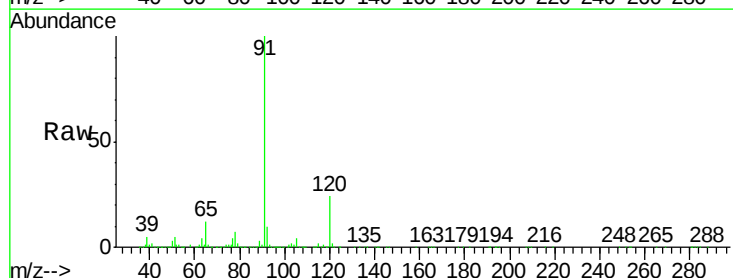
RT: 11.34 min Scan# 1682

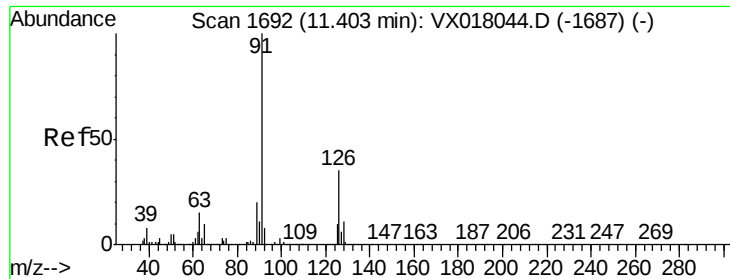
Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion:	91	Resp:	534715
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.9	35.9





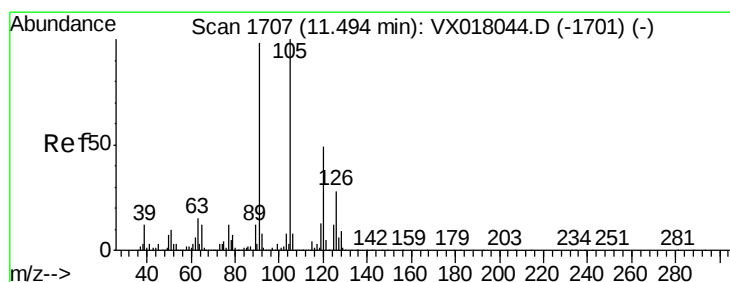
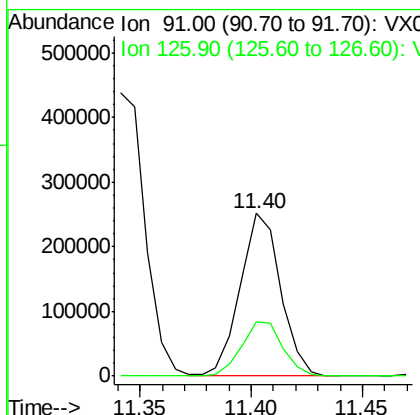
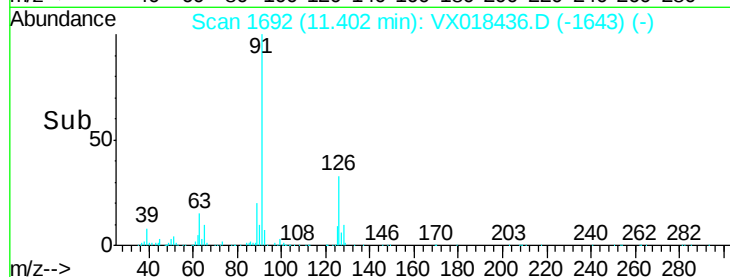
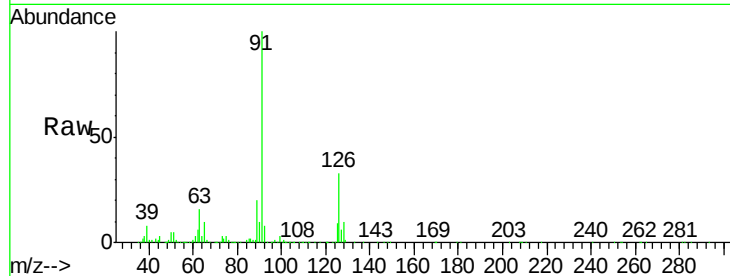
#79
2-Chlorotoluene
Concen: 19.784 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion: 91 Resp: 317940
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2

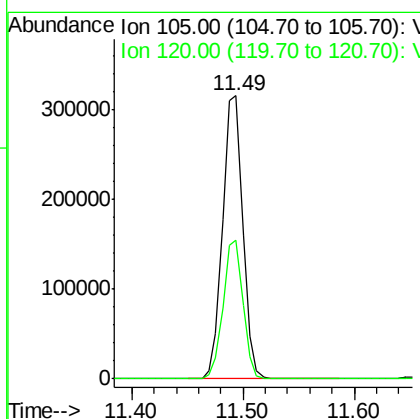
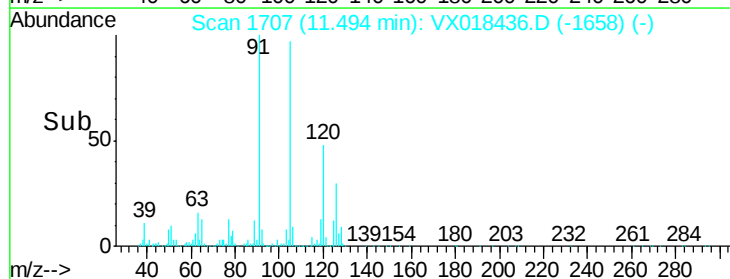
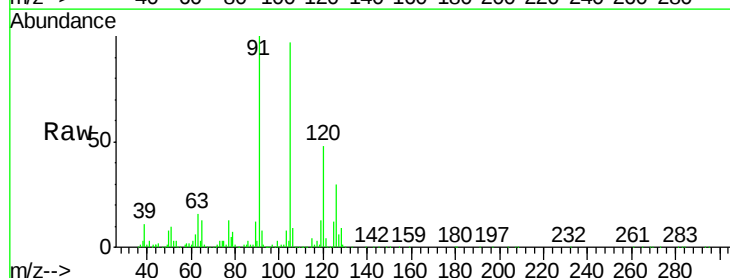
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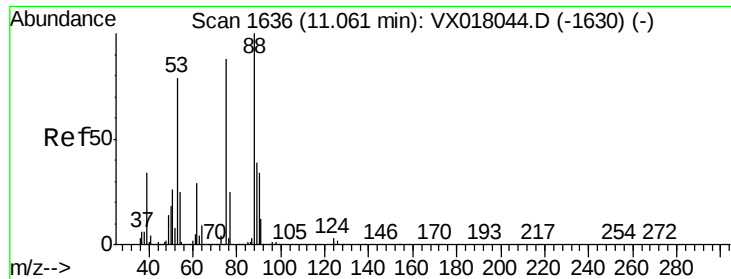
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#80
1,3,5-Trimethylbenzene
Concen: 21.112 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 105 Resp: 397452
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2





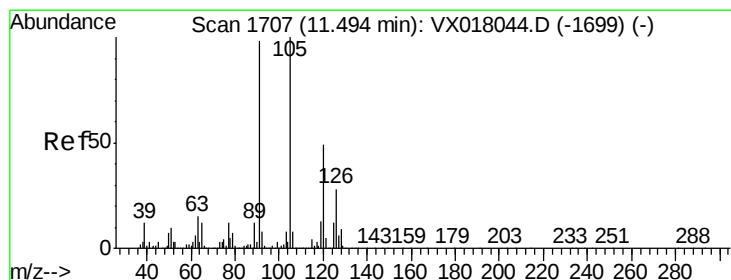
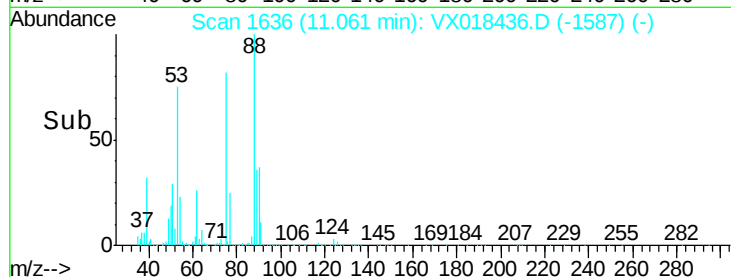
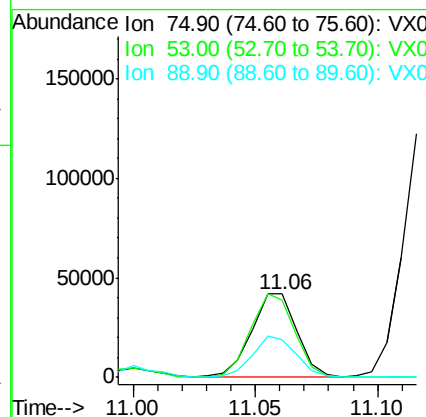
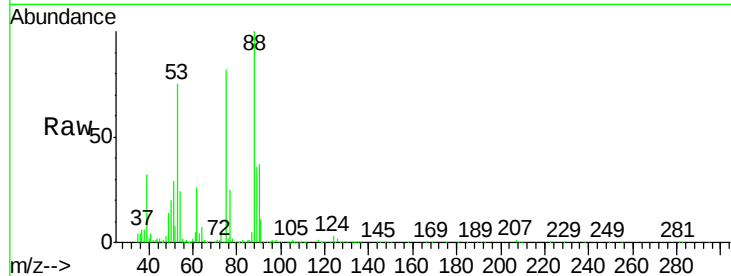
#81
trans-1,4-Dichloro-2-butene
Concen: 18.982 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	74.7	112.1
89	46.4	36.6	54.8

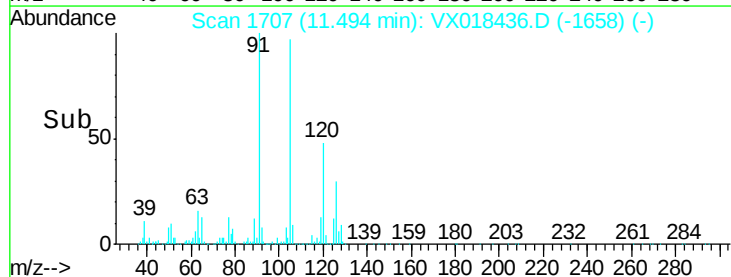
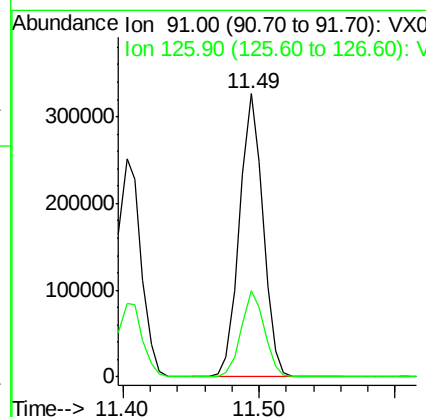
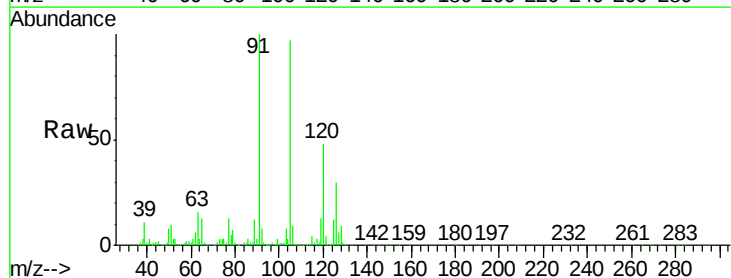
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#82
4-Chlorotoluene
Concen: 20.562 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.1	45.3





#83

tert-Butylbenzene

Concen: 21.163 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

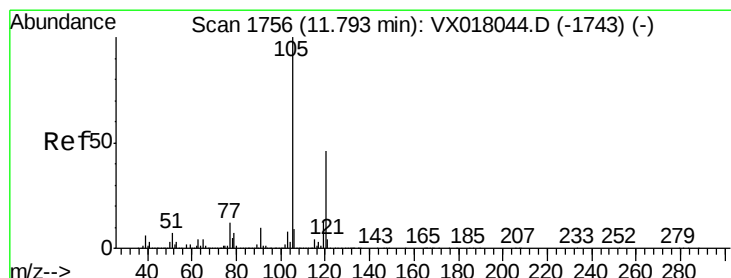
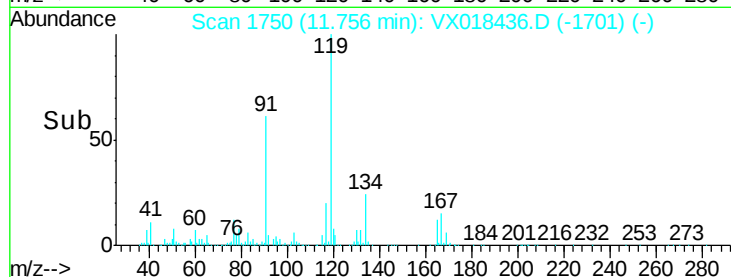
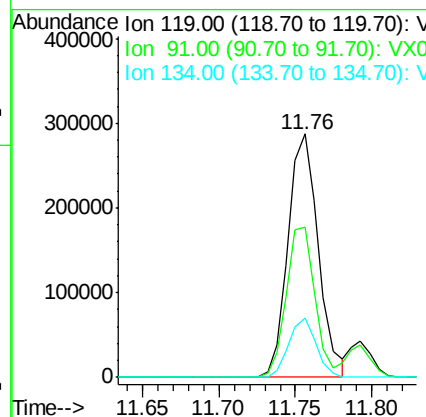
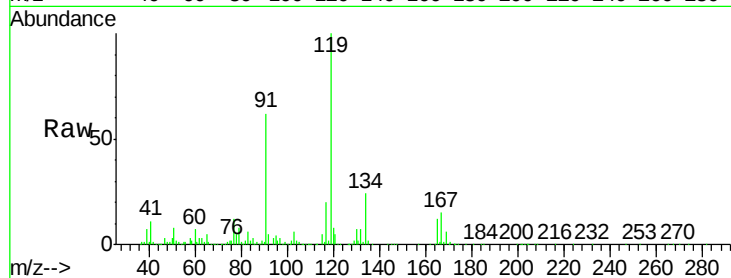
ClientSampleId :

VX0916WBSD01

Tot Ion:	119	Resp:	393176
Ion Ratio	Lower	Upper	
119	100		
91	58.3	28.2	84.7
134	22.2	11.3	33.8

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#84

1,2,4-Trimethylbenzene

Concen: 21.123 ug/l

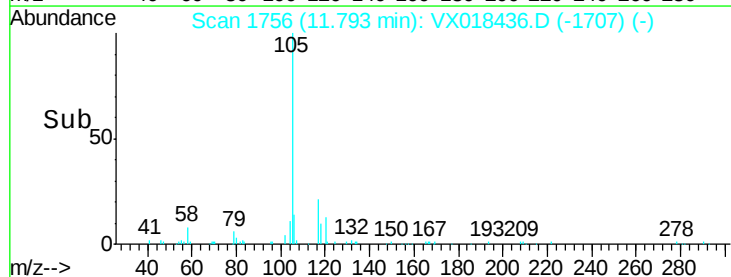
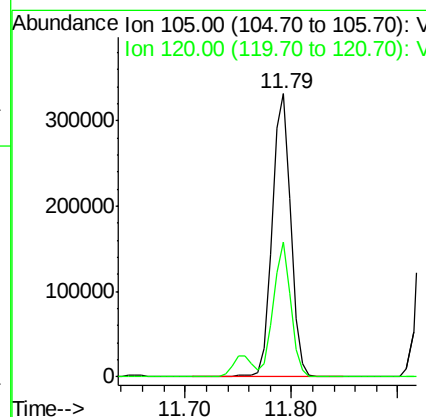
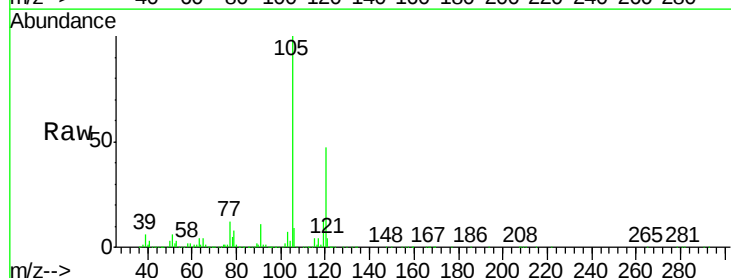
RT: 11.79 min Scan# 1756

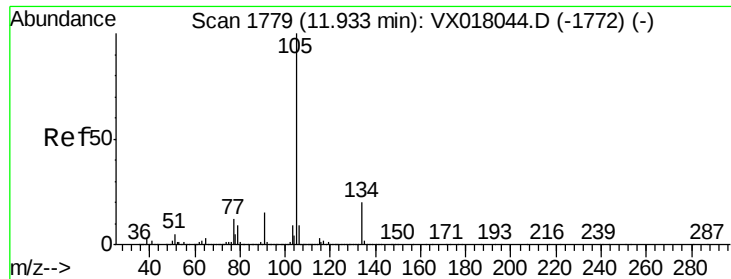
Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion:	105	Resp:	406559
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.3	66.9





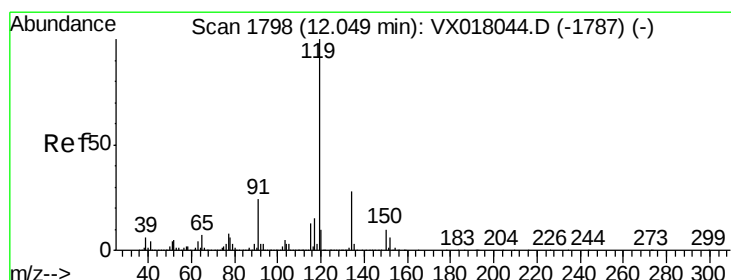
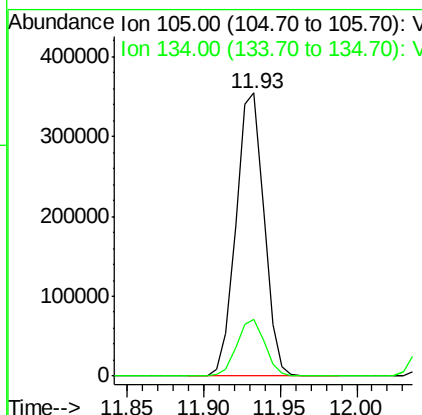
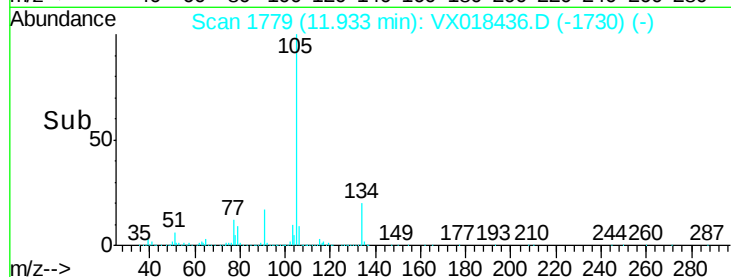
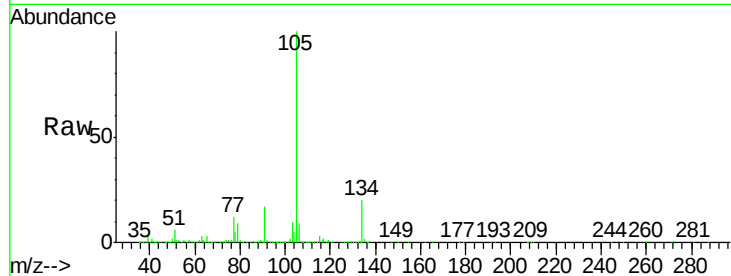
#85
 sec-Butylbenzene
 Concen: 21.297 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3

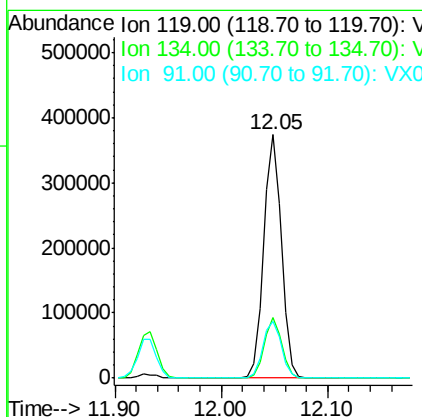
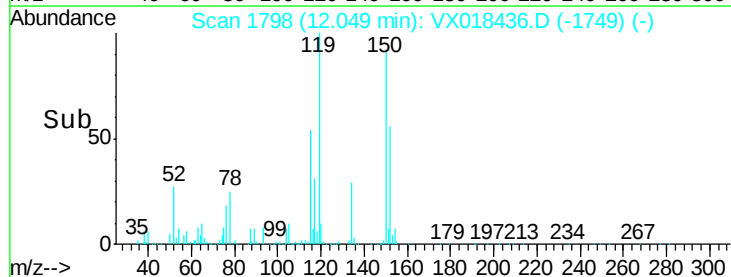
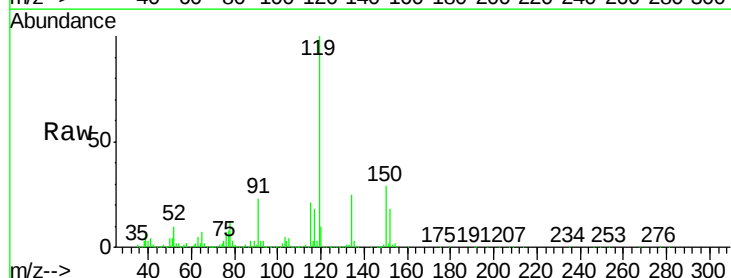
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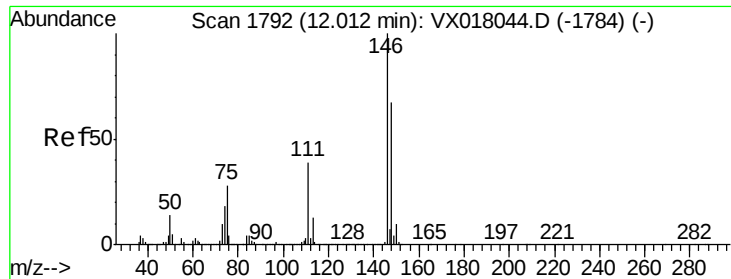
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#86
 p-Isopropyltoluene
 Concen: 22.450 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.2	39.5
91	24.2	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 20.210 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

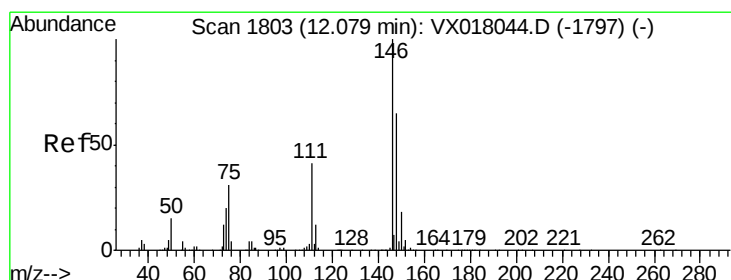
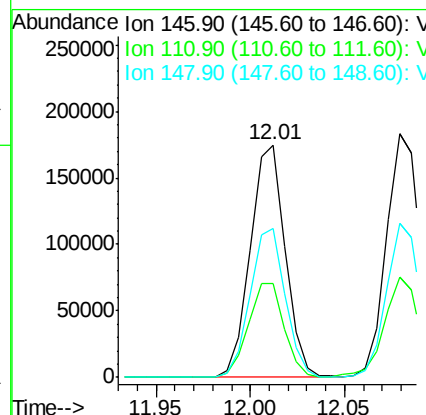
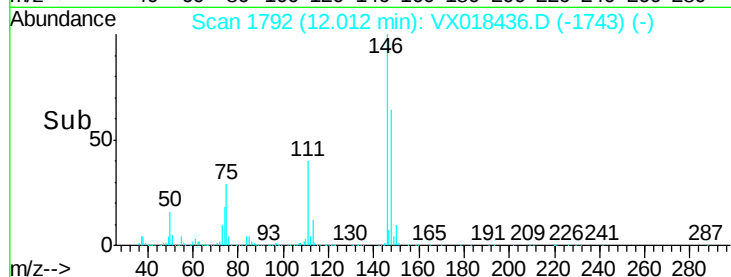
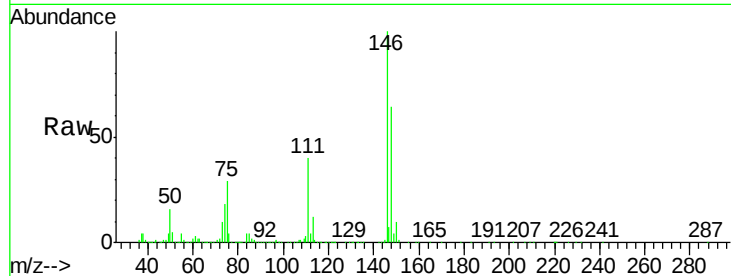
Instrument :
MSVOA_X

ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.8
148	64.4	33.1	99.2

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#88

1,4-Dichlorobenzene

Concen: 20.899 ug/l

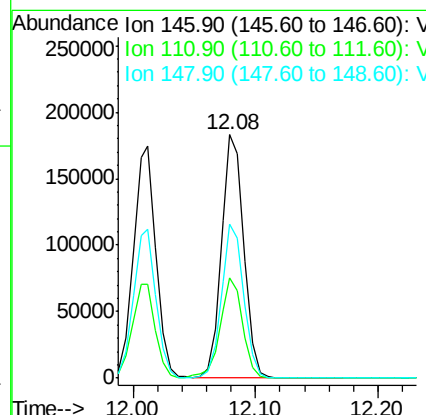
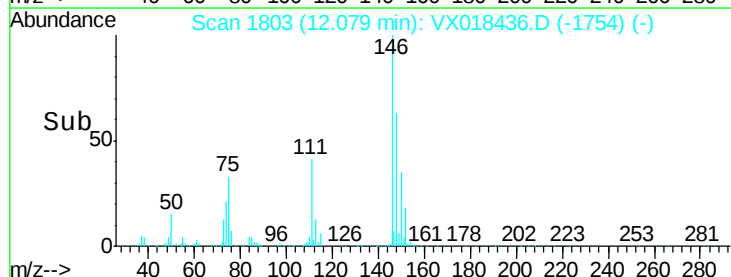
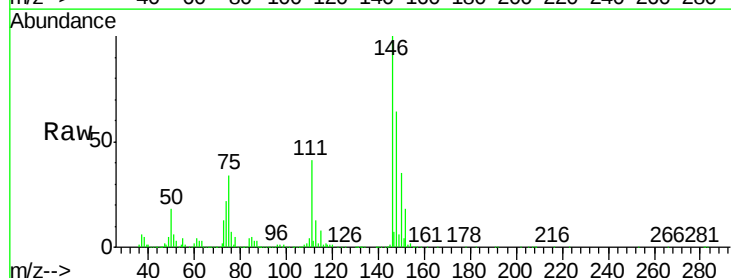
RT: 12.08 min Scan# 1803

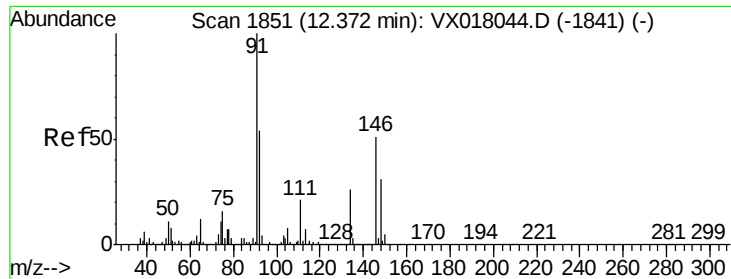
Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	60.8
148	62.8	33.1	99.2





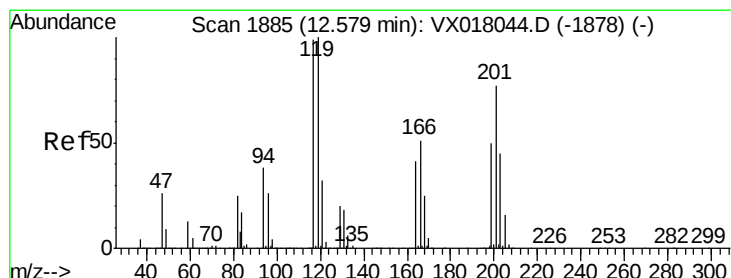
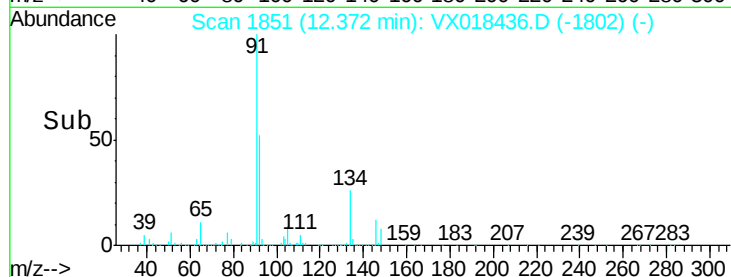
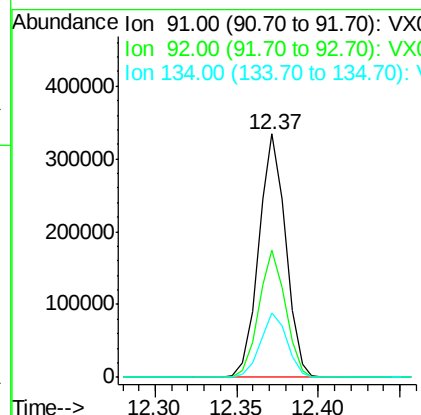
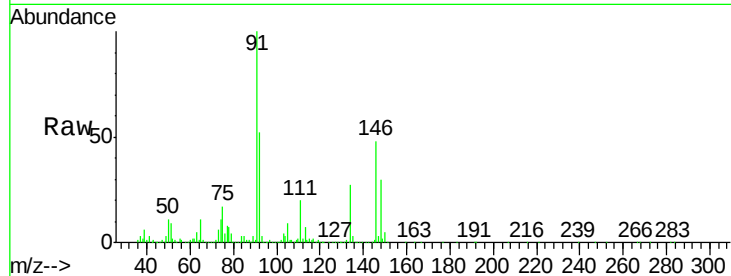
#89
n-Butylbenzene
Concen: 21.683 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	26.7	12.9	38.7

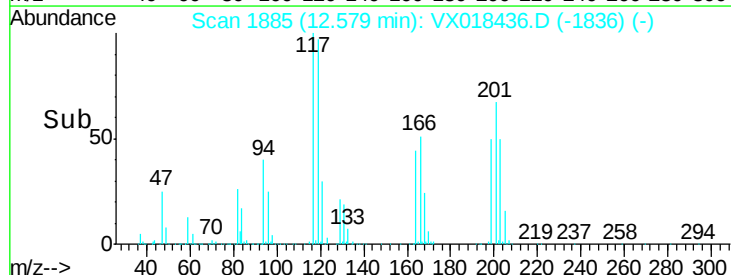
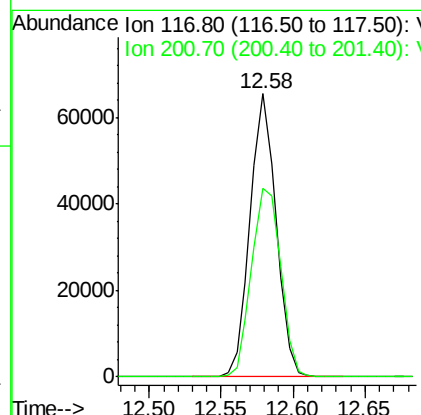
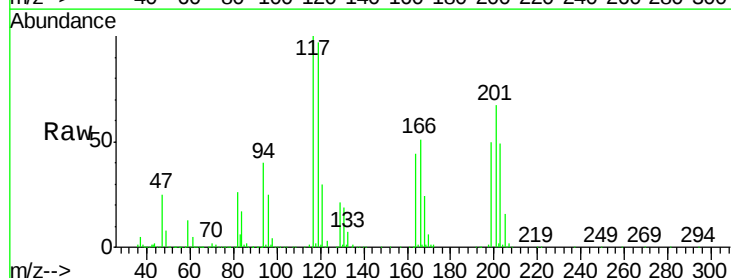
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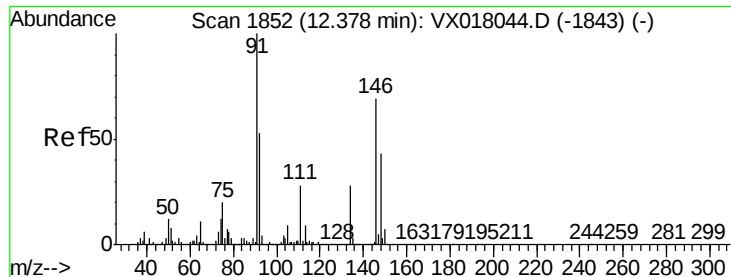
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#90
Hexachloroethane
Concen: 21.463 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.7	38.5	115.3





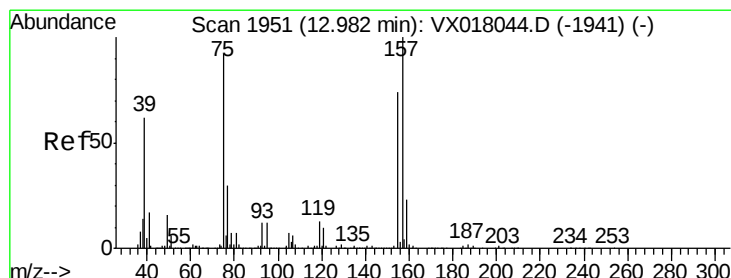
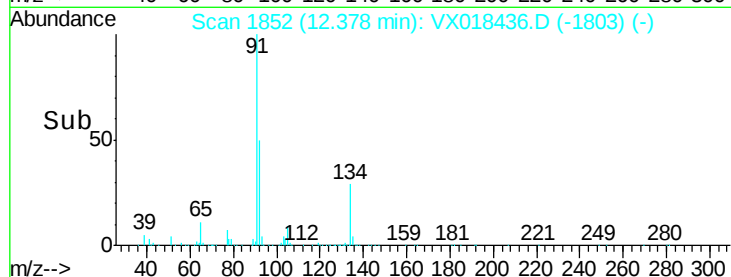
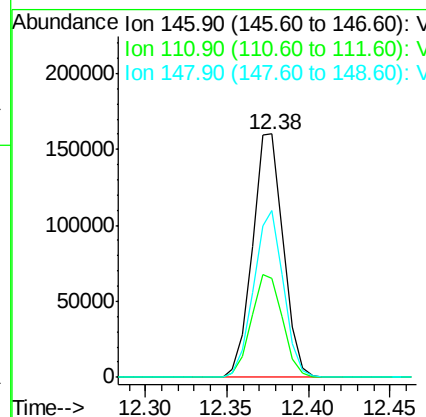
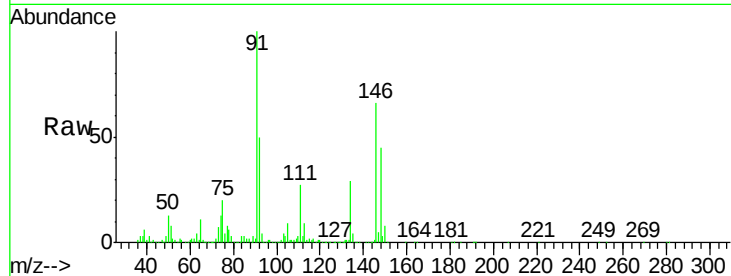
#91
 1,2-Dichlorobenzene
 Concen: 20.167 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	211065		
111	42.7	20.8	62.5	
148	66.5	31.6	95.0	

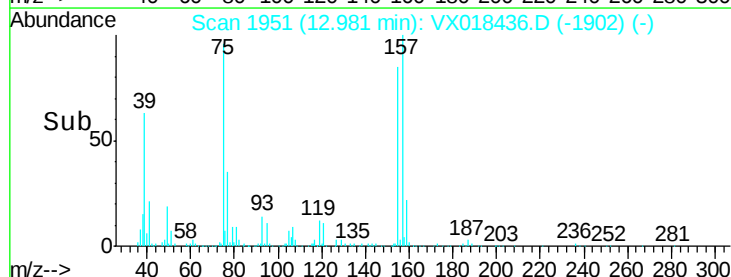
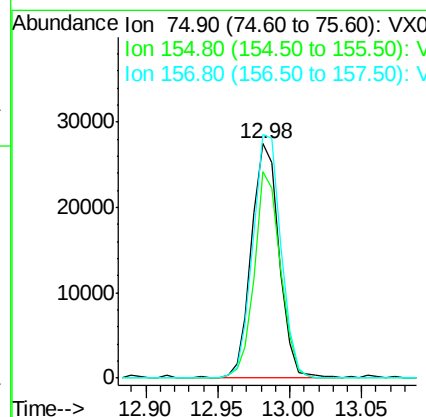
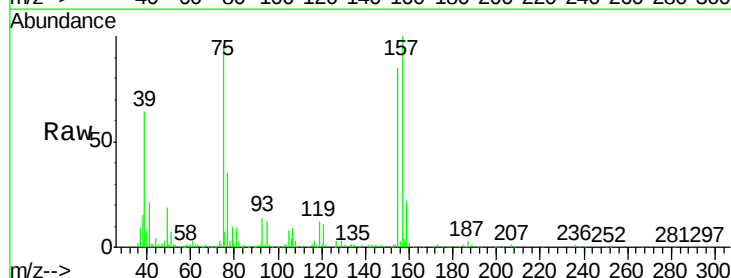
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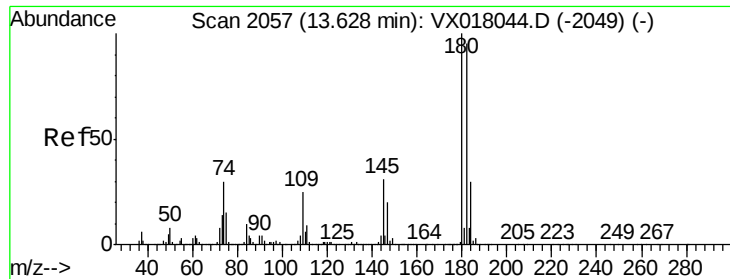
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.072 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36518		
155	82.4	40.2	120.6	
157	104.5	55.0	165.2	





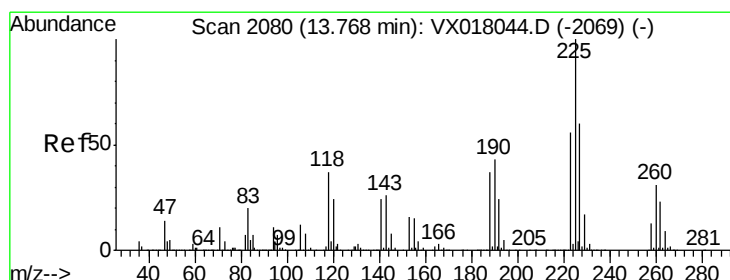
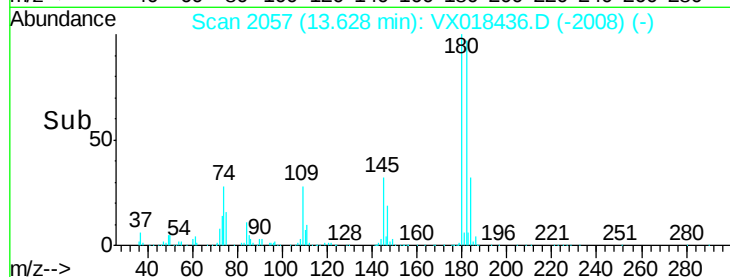
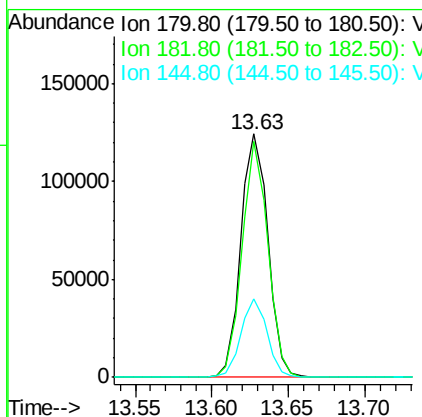
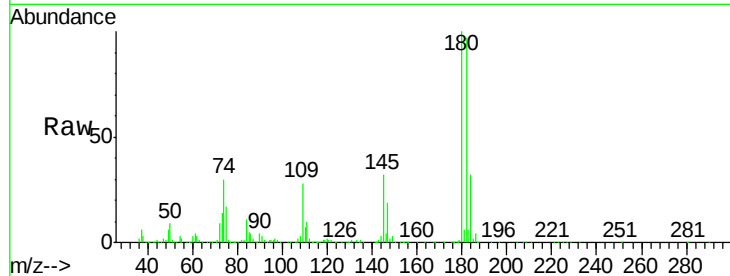
#93
1,2,4-Trichlorobenzene
Concen: 21.902 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152852		
182	92.1	47.5	142.6	
145	31.1	15.7	47.1	

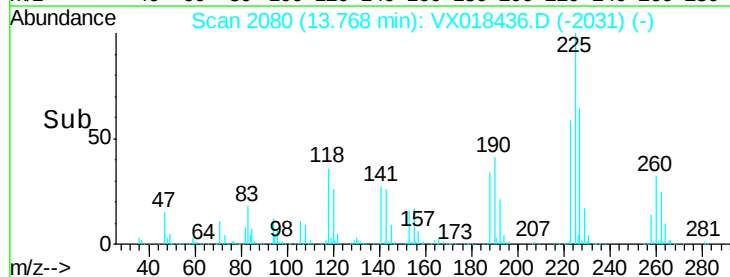
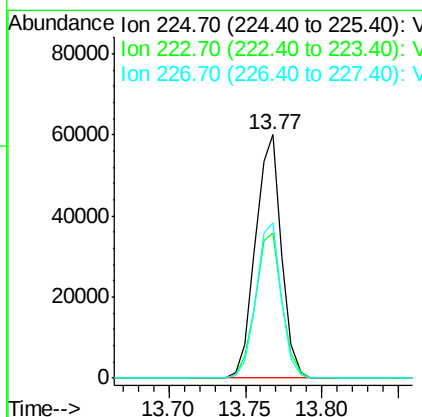
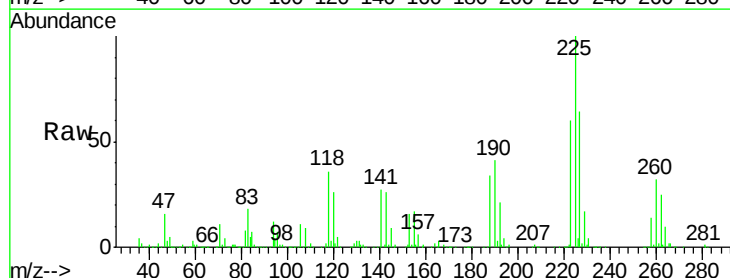
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APPROVED

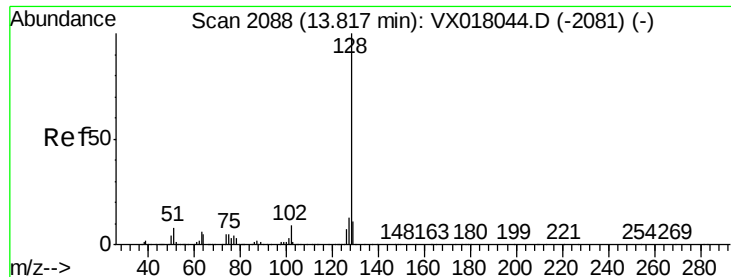
MMDadoda
9/17/2020 11:27:03 AM



#94
Hexachlorobutadiene
Concen: 25.735 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70841		
223	61.5	30.7	92.1	
227	62.1	32.6	97.8	





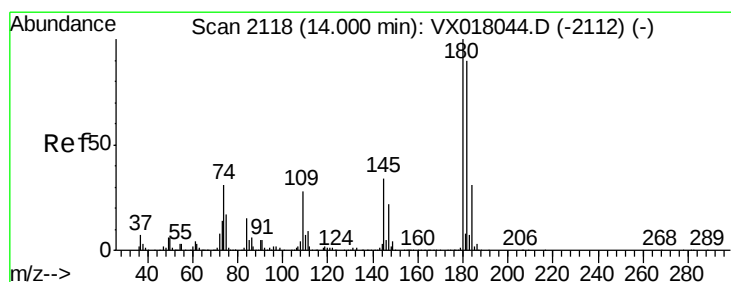
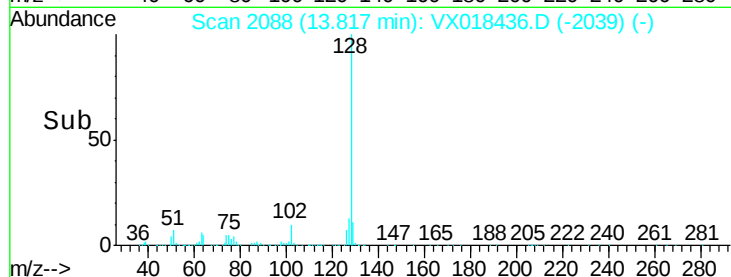
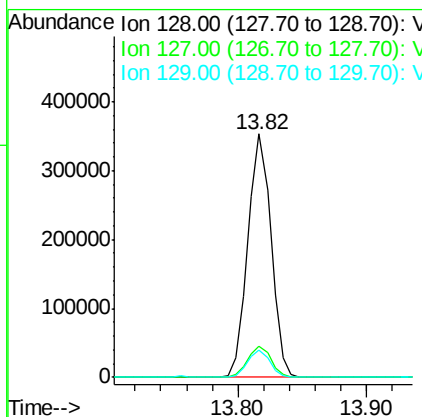
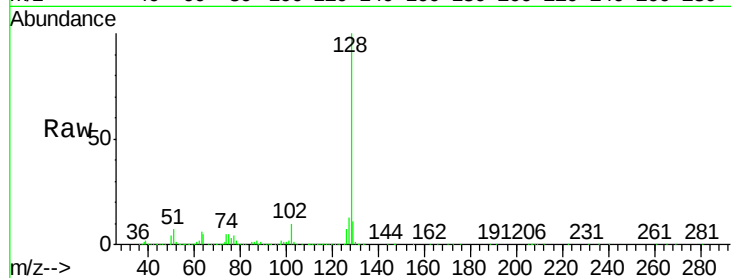
#95
Naphthalene
Concen: 18.979 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	435898		
127	13.2		10.2	15.2
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 21.950 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	151359		
182	90.2		47.3	142.0
145	31.2		17.5	52.6

