

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091120\
 Data File : VX018372.D
 Acq On : 11 Sep 2020 19:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:10:00 PM

Quant Time: Sep 12 07:20:28 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	380982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	611105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	597789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	276065	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	5.47	113	210989	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	8.70	98	742061	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.12	95	304098	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	223445	48.172	ug/l	99
3) Chloromethane	1.31	50	207881	42.509	ug/l	95
4) Vinyl Chloride	1.39	62	220868	45.371	ug/l	100
5) Bromomethane	1.62	94	145908	62.140	ug/l	95
6) Chloroethane	1.71	64	134647	51.497	ug/l	96
7) Trichlorofluoromethane	1.92	101	379852	57.224	ug/l	95
8) Diethyl Ether	2.17	74	120011	53.311	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	192666	53.687	ug/l	99
10) Methyl Iodide	2.49	142	200250	51.927	ug/l	97
11) Tert butyl alcohol	3.01	59	259234	252.081	ug/l	98
12) 1,1-Dichloroethene	2.36	96	189504	50.899	ug/l	97
13) Acrolein	2.27	56	177204	415.574	ug/l	99
14) Allyl chloride	2.71	41	344368	51.482	ug/l	96
15) Acrylonitrile	3.12	53	605590	259.604	ug/l	99
16) Acetone	2.42	43	530035	257.184	ug/l	95
17) Carbon Disulfide	2.55	76	488438	43.397	ug/l	99
18) Methyl Acetate	2.75	43	306471	61.624	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	708164	55.462	ug/l	98
20) Methylene Chloride	2.84	84	220526	52.388	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	207751	50.365	ug/l	96
22) Diisopropyl ether	3.82	45	704835	53.388	ug/l	90
23) Vinyl Acetate	3.79	43	3094410	263.411	ug/l	99
24) 1,1-Dichloroethane	3.67	63	397850	52.939	ug/l	99
25) 2-Butanone	4.64	43	852042	251.559	ug/l	98
26) 2,2-Dichloropropane	4.56	77	332984	54.456	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	237936	50.064	ug/l	99
28) Bromochloromethane	4.98	49	183153	50.489	ug/l	98
29) Tetrahydrofuran	5.09	42	537046	249.079	ug/l	97
30) Chloroform	5.18	83	423643	54.441	ug/l	99
31) Cyclohexane	5.55	56	305347	48.234	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	394422	55.232	ug/l	99
36) 1,1-Dichloropropene	5.77	75	292282	51.855	ug/l	99
37) Ethyl Acetate	4.79	43	330495	50.484	ug/l	99
38) Carbon Tetrachloride	5.76	117	362954	57.139	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	310275	50.342	ug/l	99
40) Benzene	6.12	78	839488	50.687	ug/l	97
41) Methacrylonitrile	5.01	41	178137	49.558	ug/l	95
42) 1,2-Dichloroethane	6.16	62	358762	56.537	ug/l	98
43) Isopropyl Acetate	6.42	43	536902	50.777	ug/l	99
44) Trichloroethene	7.19	130	239194	51.112	ug/l	96
45) 1,2-Dichloropropane	7.49	63	231376	51.834	ug/l	100
46) Dibromomethane	7.63	93	164410	52.376	ug/l	98
47) Bromodichloromethane	7.87	83	347216	55.398	ug/l	97
48) Methyl methacrylate	7.75	41	271757	51.628	ug/l	98
49) 1,4-Dioxane	7.71	88	85804	899.910	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1724880	264.086	ug/l	100
52) Toluene	8.77	92	550026	52.373	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	376609	54.216	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	381280	51.814	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	234948	52.455	ug/l	96
56) Ethyl methacrylate	9.16	69	353665	53.114	ug/l	98
57) 1,3-Dichloropropane	9.35	76	385847	52.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	872044	291.133	ug/l	98
59) 2-Hexanone	9.48	43	1322024	266.190	ug/l	99
60) Dibromochloromethane	9.57	129	291277	55.435	ug/l	99
61) 1,2-Dibromoethane	9.65	107	257502	52.954	ug/l	99
64) Tetrachloroethene	9.32	164	205685	46.822	ug/l	93
65) Chlorobenzene	10.12	112	608945	51.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	254380	54.059	ug/l	98
67) Ethyl Benzene	10.24	91	1073370	52.866	ug/l	100
68) m/p-Xylenes	10.34	106	821248	108.369	ug/l	98
69) o-Xylene	10.68	106	391031	53.228	ug/l	97
70) Styrene	10.70	104	687174	54.927	ug/l	98
71) Bromoform	10.84	173	226304	56.383	ug/l #	99
73) Isopropylbenzene	11.01	105	1094870	50.777	ug/l	100
74) N-amyl acetate	10.88	43	506245	49.483	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	369599	48.590	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	340889m	46.877	ug/l	
77) Bromobenzene	11.24	156	292587	49.089	ug/l	97
78) n-propylbenzene	11.35	91	1237772	50.556	ug/l	100
79) 2-Chlorotoluene	11.40	91	748278	49.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	927321	52.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	124503	46.241	ug/l	93
82) 4-Chlorotoluene	11.49	91	907724	50.479	ug/l	99
83) tert-Butylbenzene	11.76	119	918617	52.533	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	953928	52.657	ug/l	100
85) sec-Butylbenzene	11.93	105	1044276	52.515	ug/l	99
86) p-Isopropyltoluene	12.05	119	983735	53.856	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	522516	49.932	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	524432	50.051	ug/l	96
89) n-Butylbenzene	12.37	91	858329	51.484	ug/l	99
90) Hexachloroethane	12.58	117	198758	55.306	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	496282	50.381	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	91583	48.153	ug/l	95

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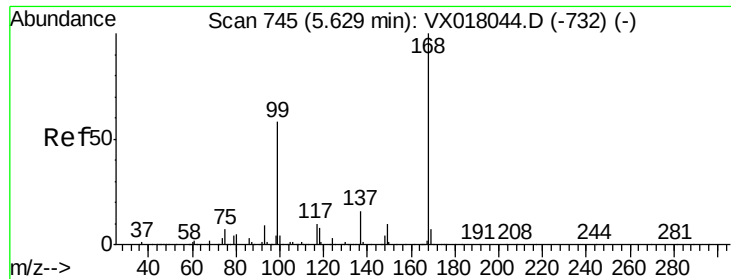
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	319891	48.700	ug/l	98
94) Hexachlorobutadiene	13.77	225	139181	53.719	ug/l	97
95) Naphthalene	13.82	128	1081422	50.025	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	322708	49.720	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 380982

Ion Ratio Lower Upper

168 100

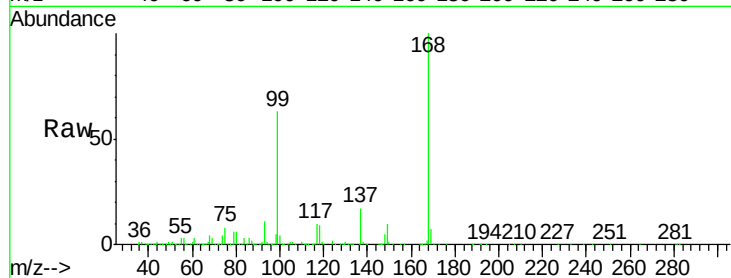
99 62.7 46.3 69.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

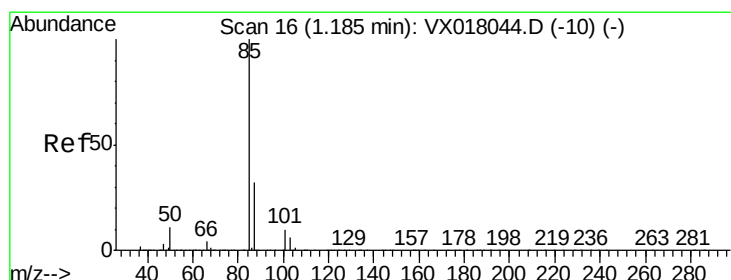
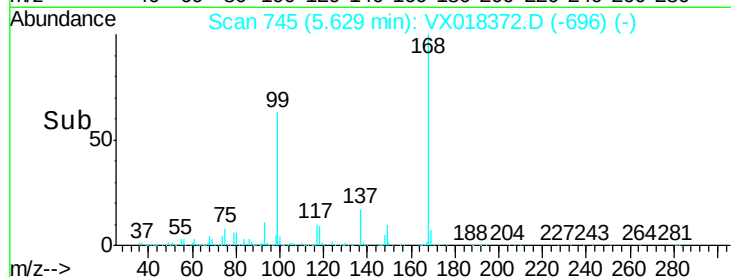
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.172 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018372.D

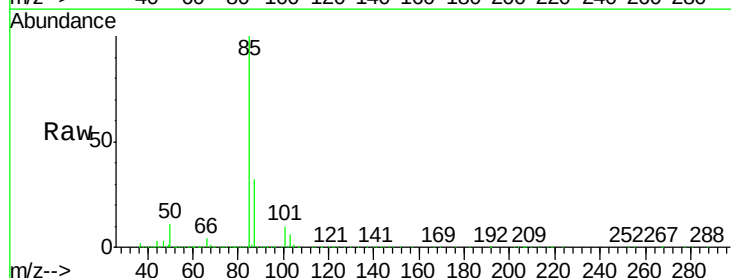
Acq: 11 Sep 2020 19:38

Tgt Ion: 85 Resp: 223445

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

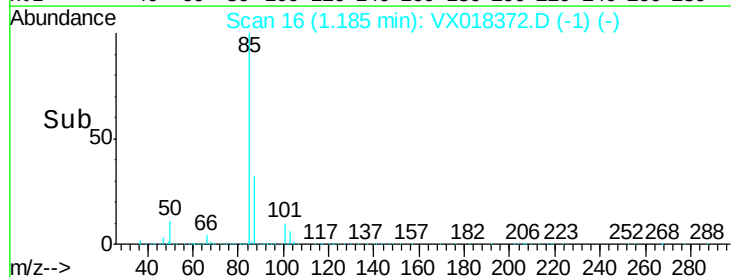
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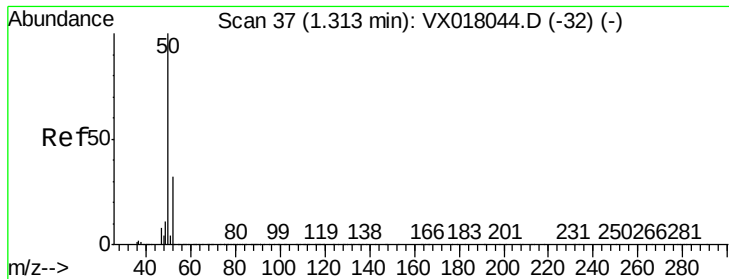
100000

50000

0

Time-->





#3

Chloromethane

Concen: 42.509 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 207881

Ion Ratio Lower Upper

50 100

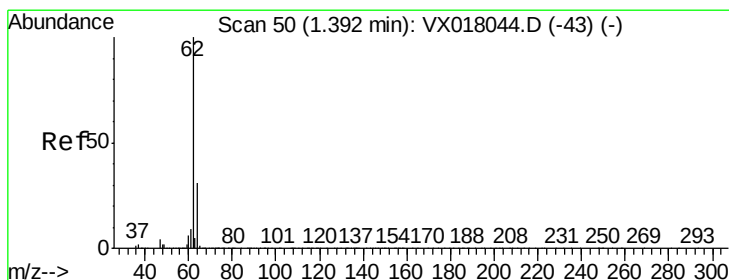
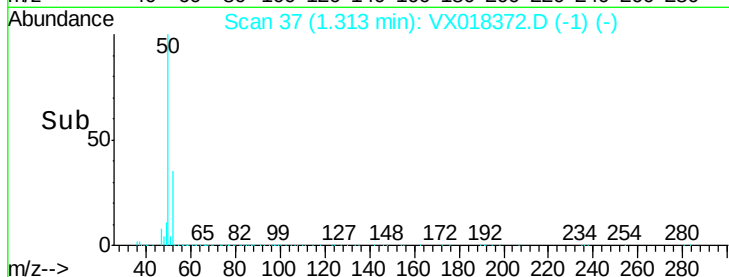
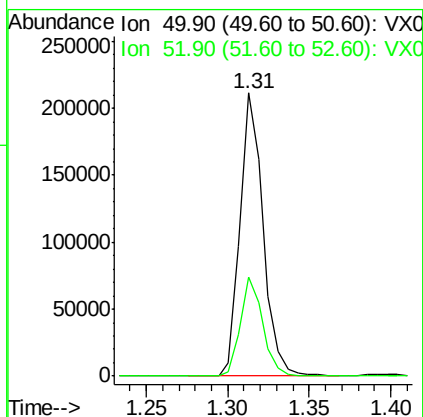
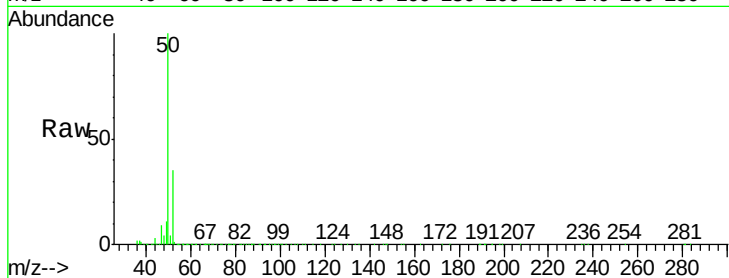
52 34.8 25.4 38.2

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#4

Vinyl Chloride

Concen: 45.371 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018372.D

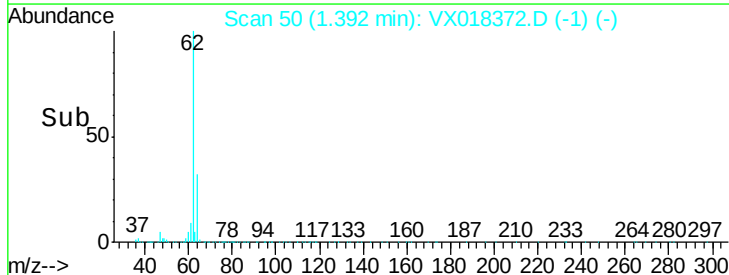
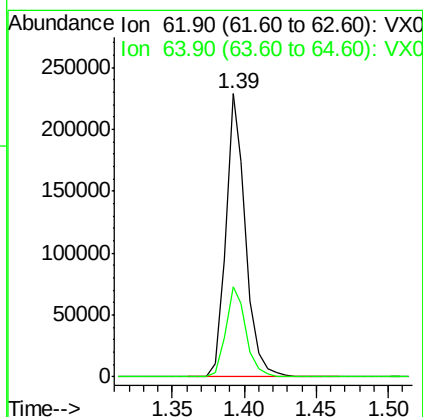
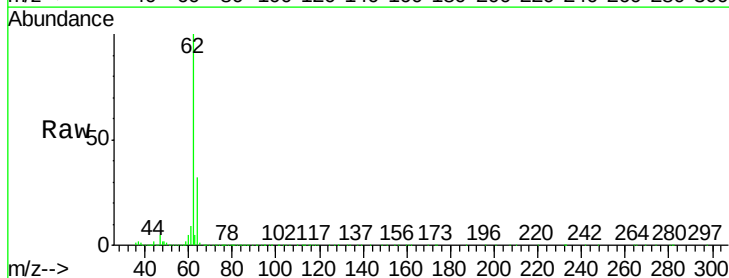
Acq: 11 Sep 2020 19:38

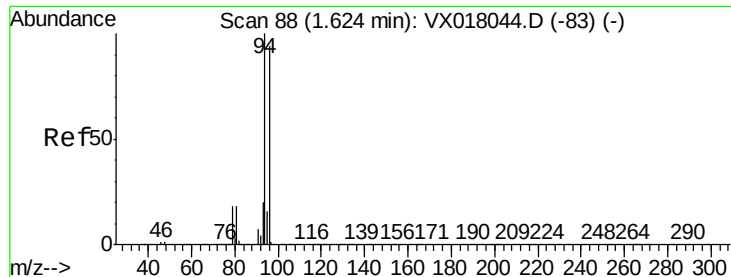
Tgt Ion: 62 Resp: 220868

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 62.140 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 145908

Ion Ratio Lower Upper

94 100

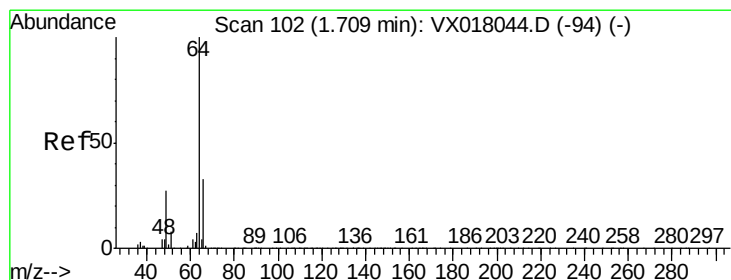
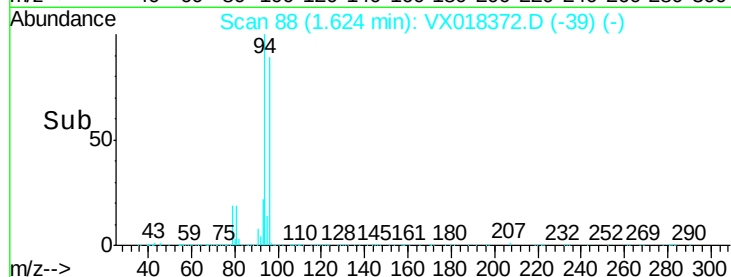
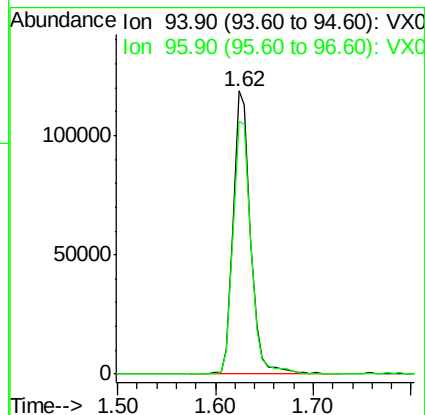
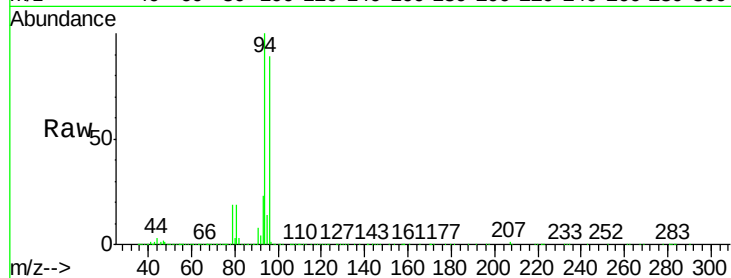
96 89.0 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 51.497 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018372.D

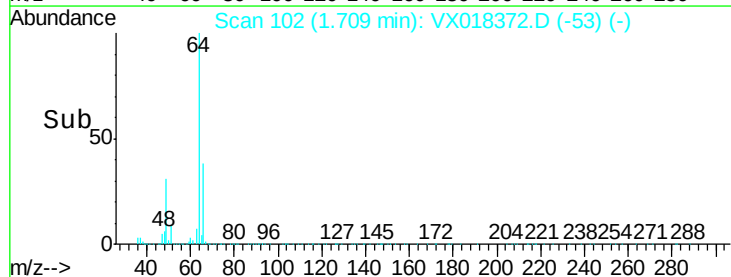
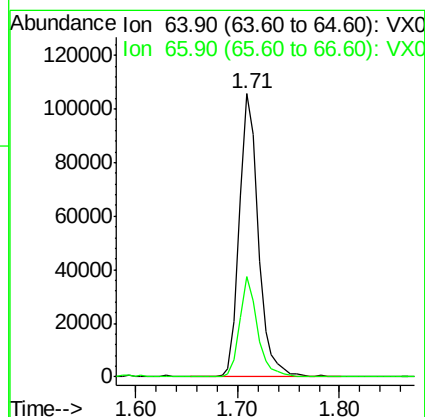
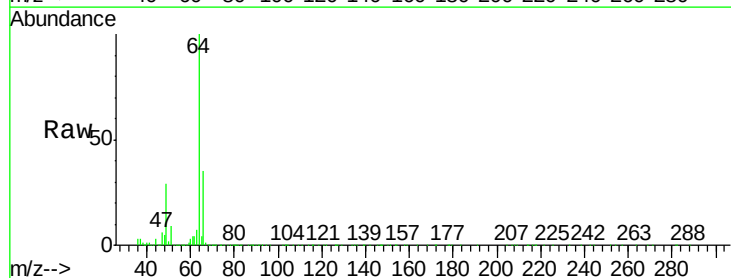
Acq: 11 Sep 2020 19:38

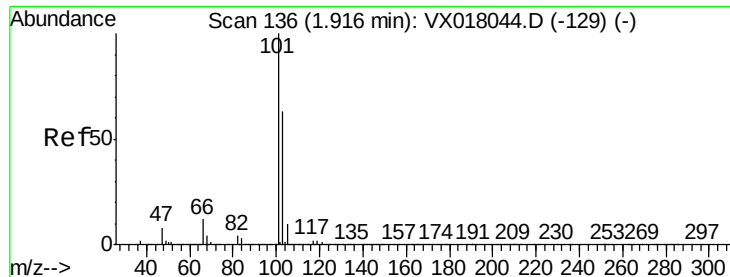
Tgt Ion: 64 Resp: 134647

Ion Ratio Lower Upper

64 100

66 35.3 26.6 39.8





#7

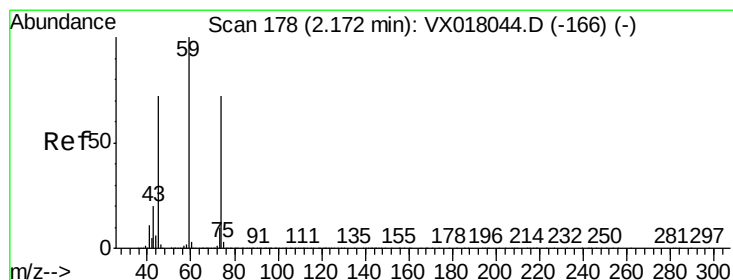
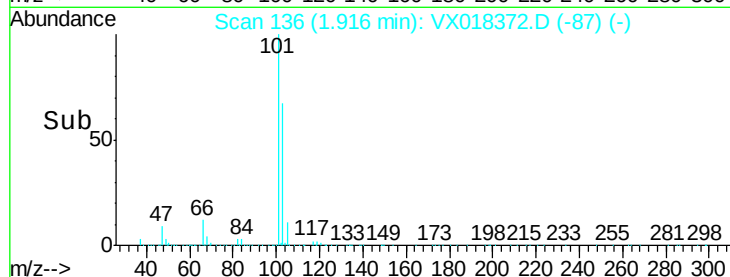
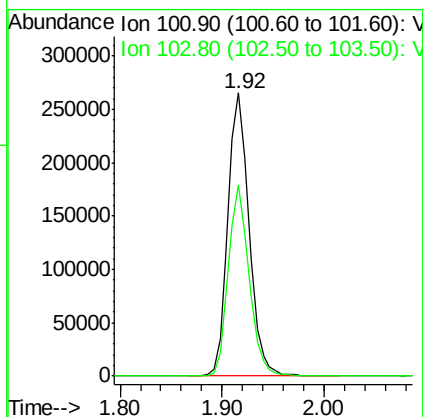
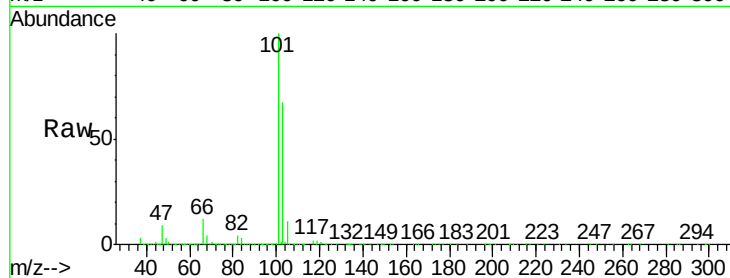
Trichlorofluoromethane
Concen: 57.224 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018372.D
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	50.7	76.1

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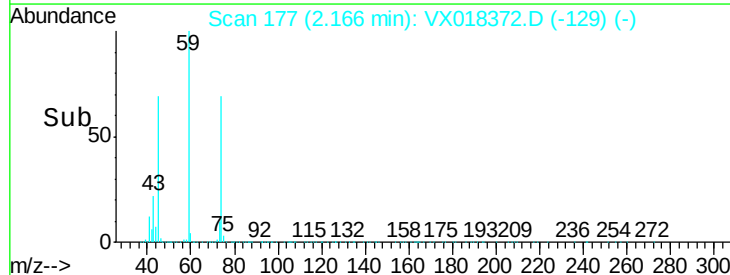
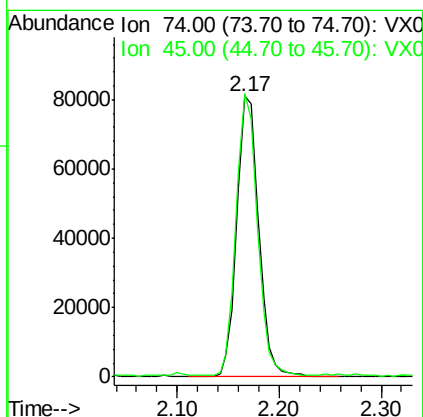
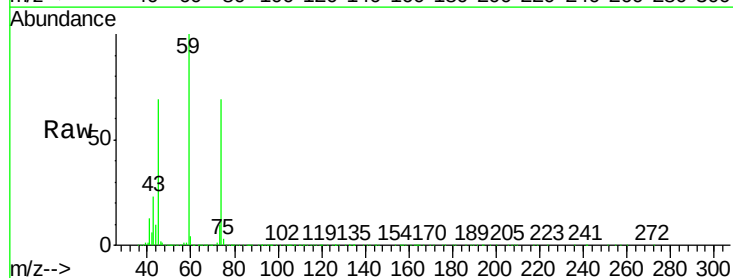
MMDadoda
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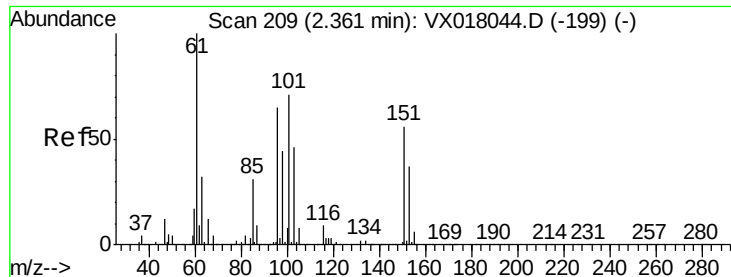


#8

Diethyl Ether
Concen: 53.311 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.687 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

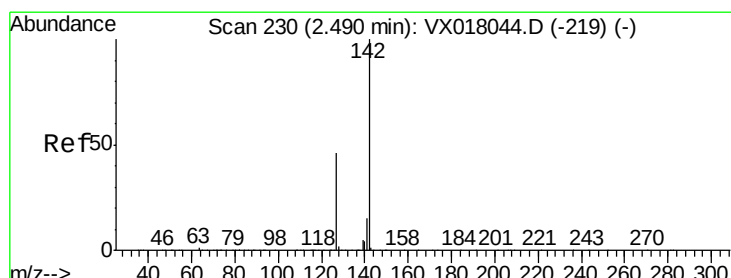
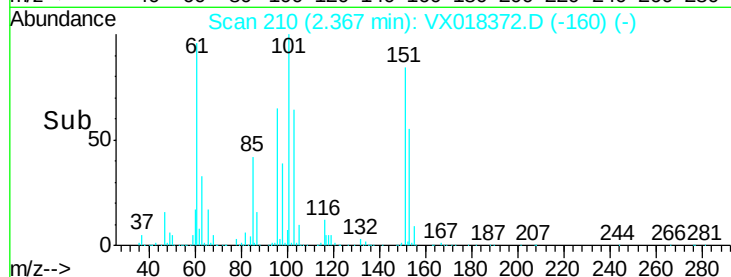
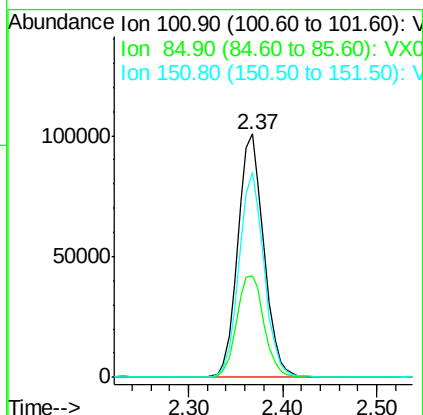
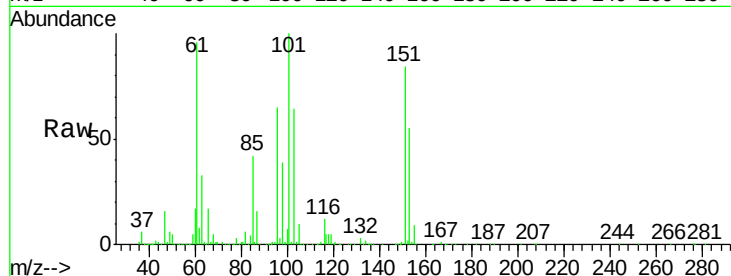
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	192666
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.0	51.0
151	81.5	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 51.927 ug/l

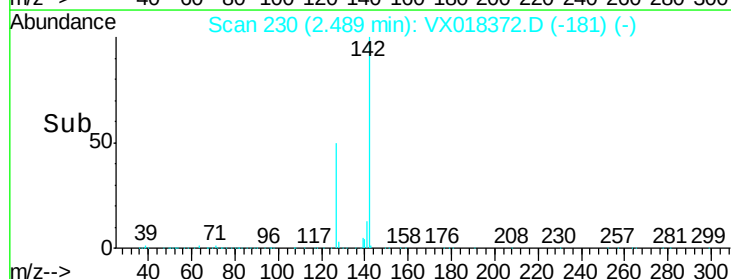
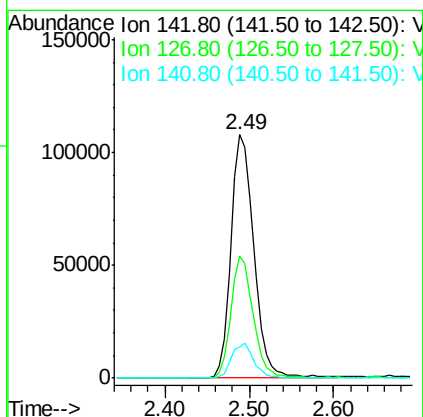
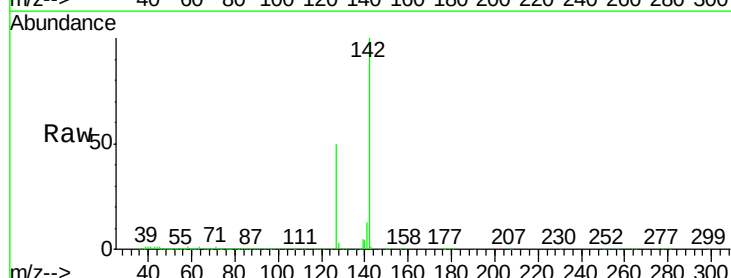
RT: 2.49 min Scan# 230

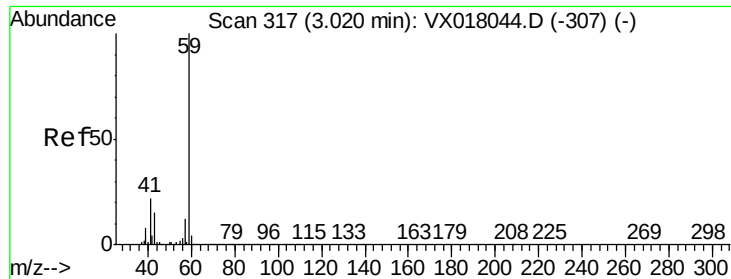
Delta R.T. 0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	142	Resp:	200250
Ion Ratio	Lower	Upper	
142	100		
127	48.4	37.0	55.6
141	14.1	11.5	17.3





#11

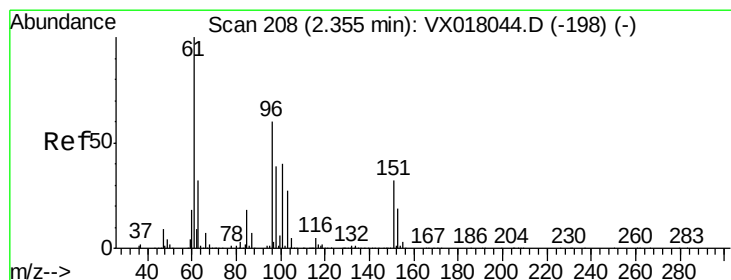
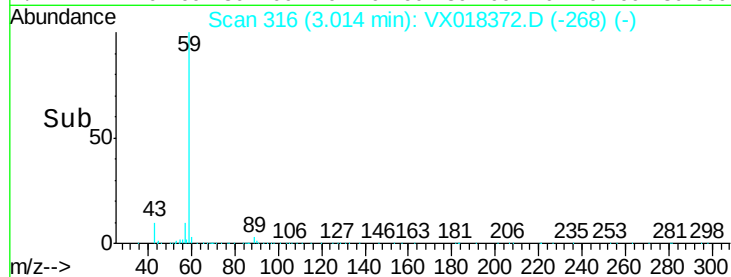
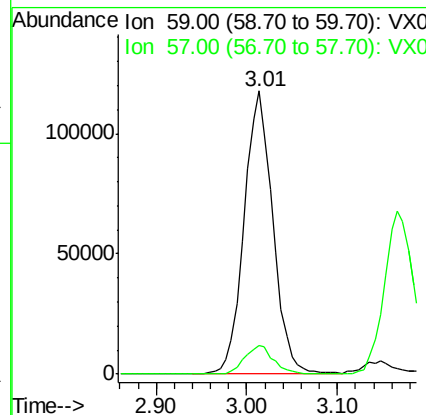
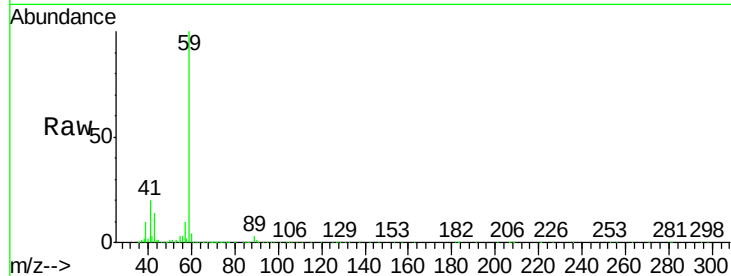
Tert butyl alcohol
Concen: 252.081 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.9	13.3

Manual Integrations
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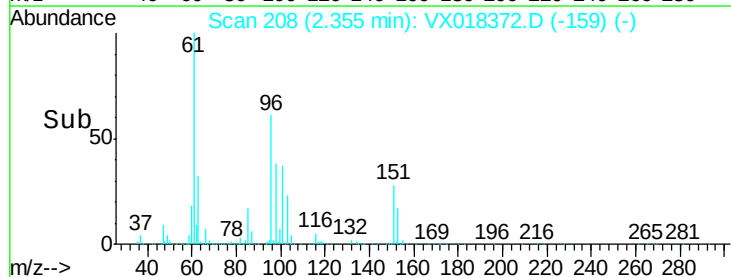
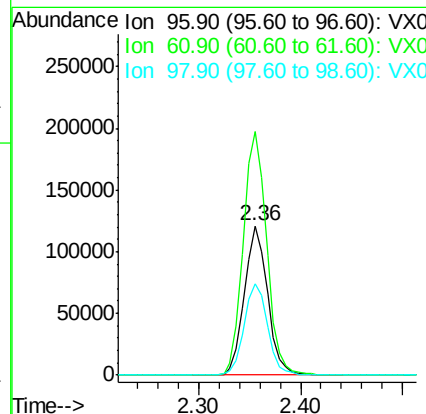
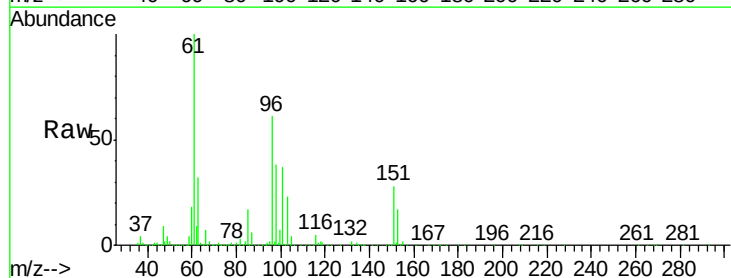
MMDadoda
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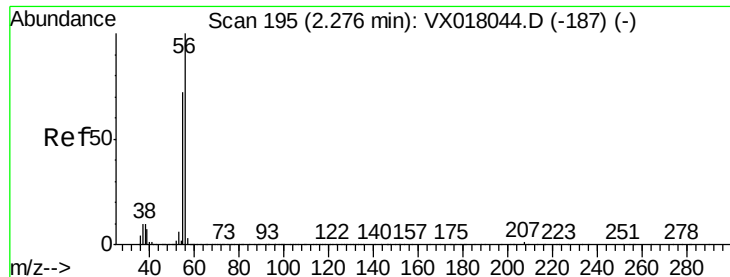


#12

1,1-Dichloroethene
Concen: 50.899 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.3	133.0	199.4
98	61.5	51.6	77.4





#13

Acrolein

Concen: 415.574 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 177204

Ion Ratio Lower Upper

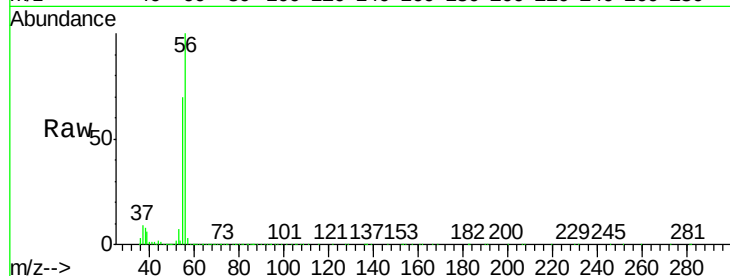
56 100

55 70.8 57.0 85.6

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

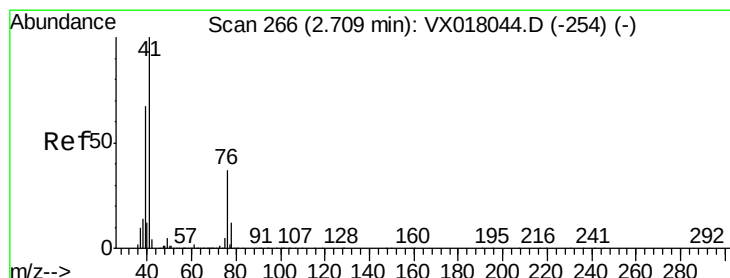
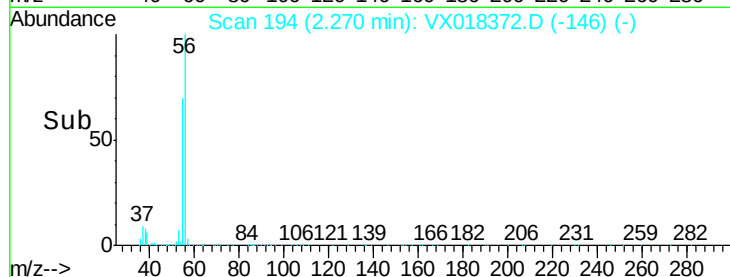
2.27

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 51.482 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

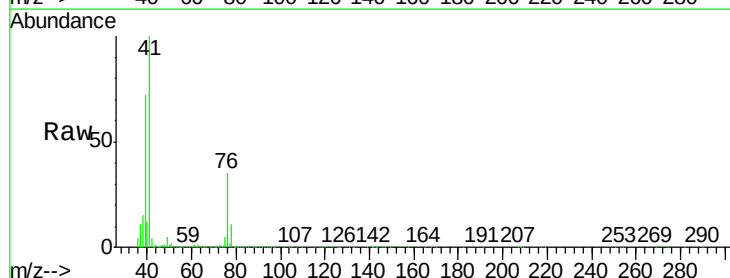
Tgt Ion: 41 Resp: 344368

Ion Ratio Lower Upper

41 100

39 68.0 50.6 76.0

76 32.4 26.2 39.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

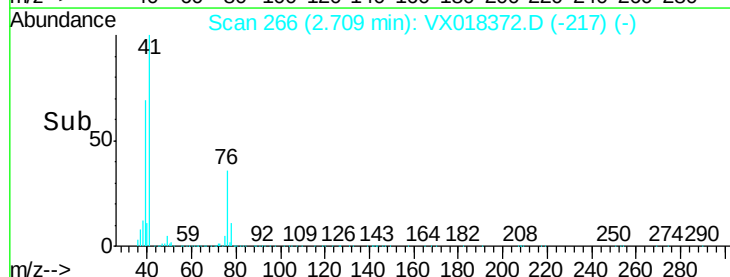
300000

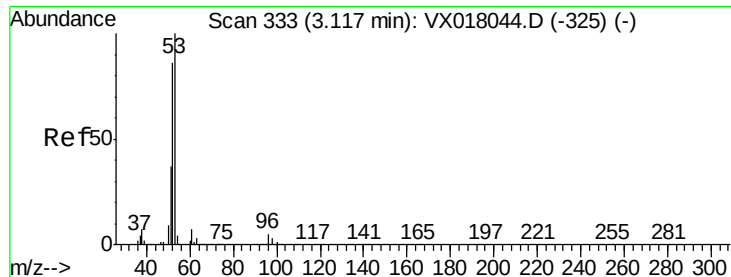
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 259.604 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

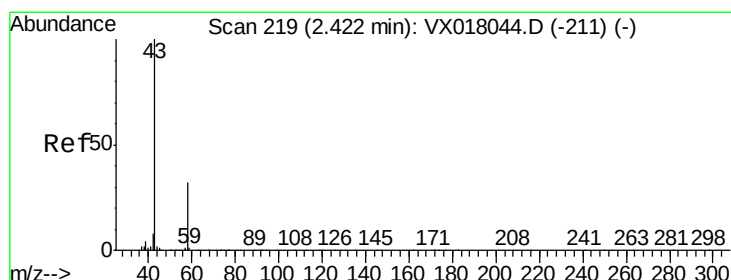
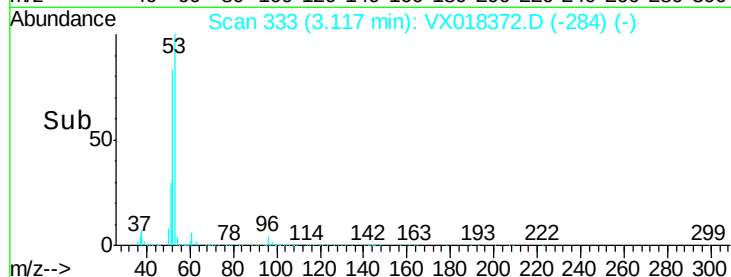
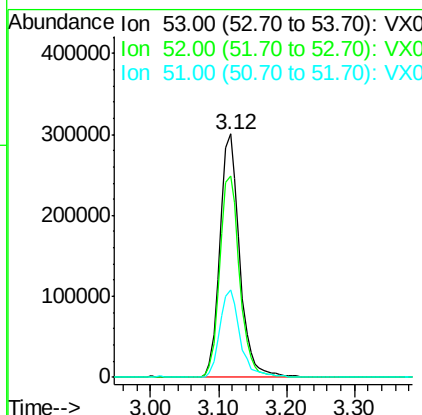
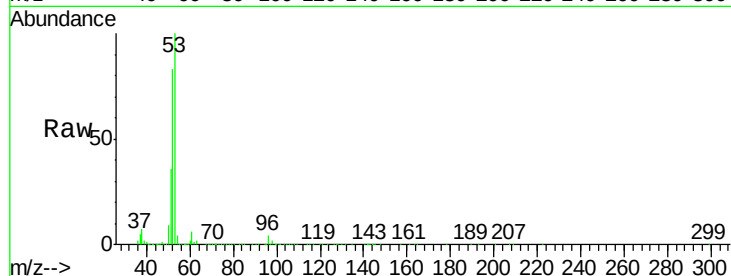
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	605590
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.9	100.3
51	36.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 257.184 ug/l

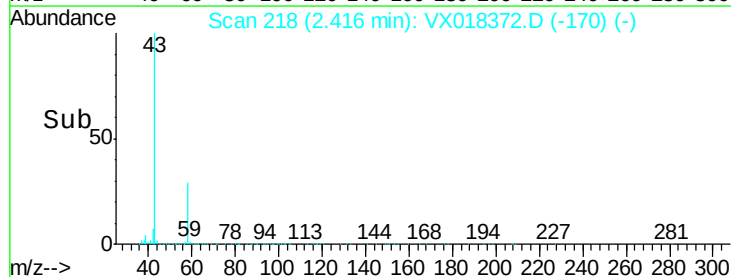
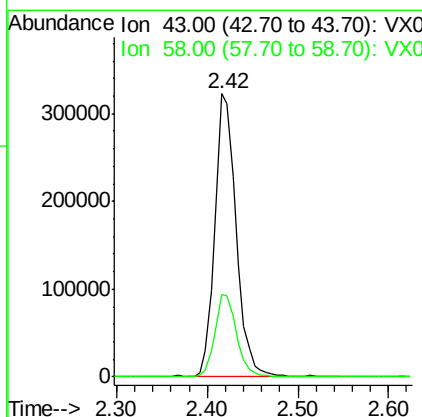
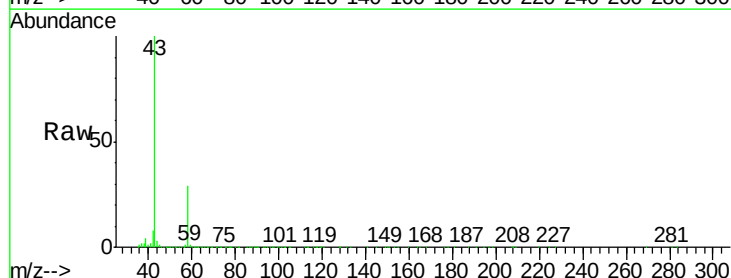
RT: 2.42 min Scan# 218

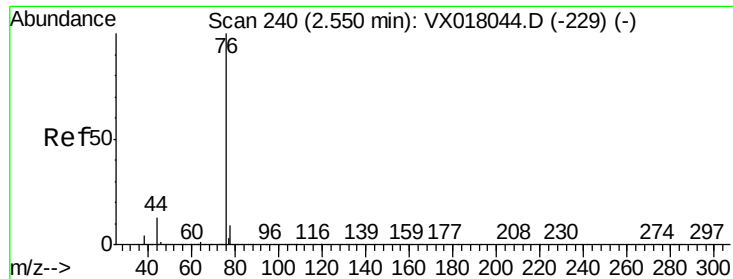
Delta R.T. -0.01 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	43	Resp:	530035
Ion Ratio		Lower	Upper
43	100		
58	29.0	25.5	38.3





#17

Carbon Disulfide

Concen: 43.397 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 488438

Ion Ratio Lower Upper

76 100

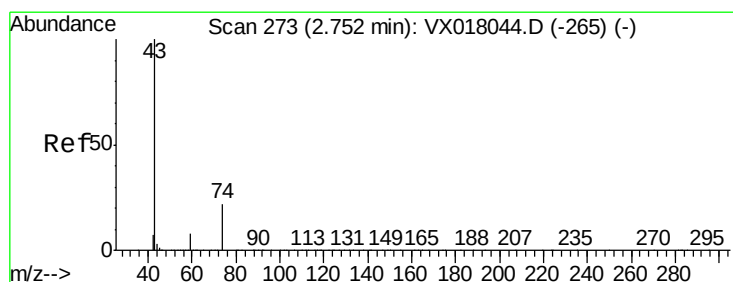
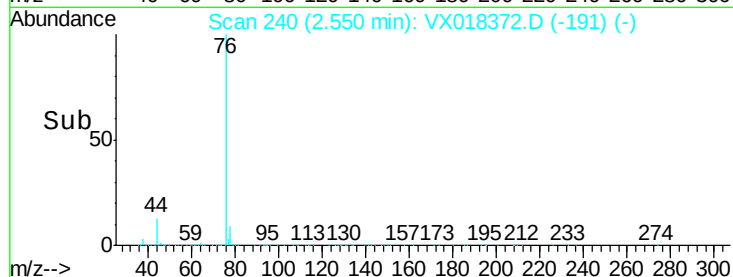
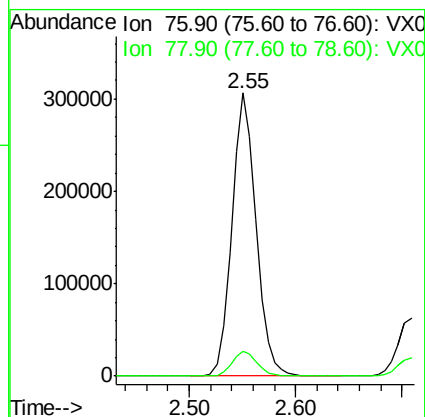
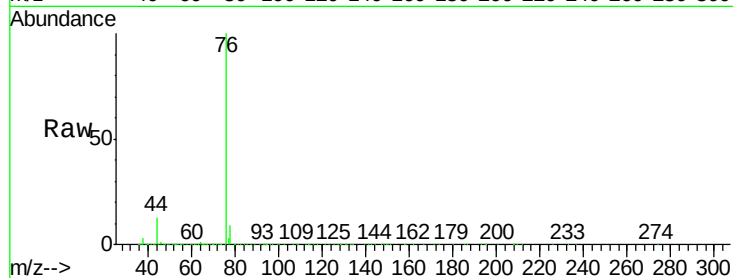
78 8.8 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 61.624 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018372.D

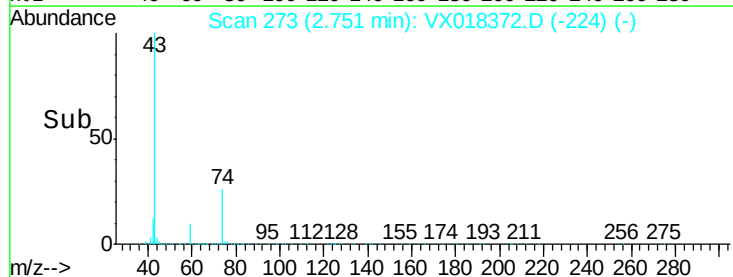
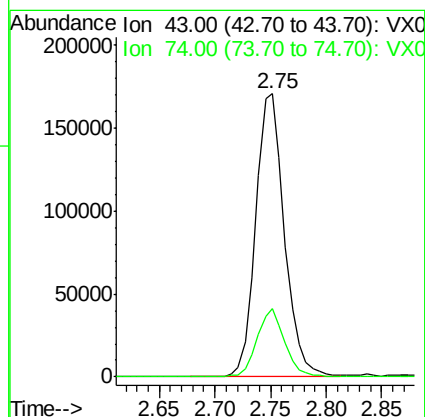
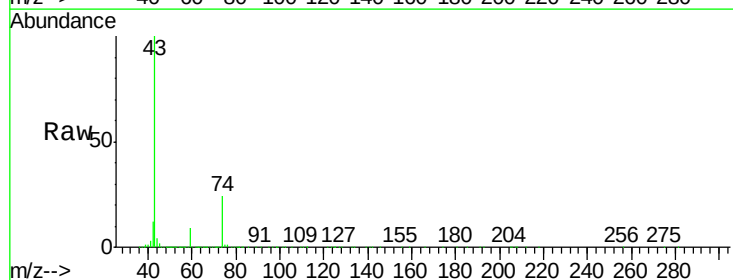
Acq: 11 Sep 2020 19:38

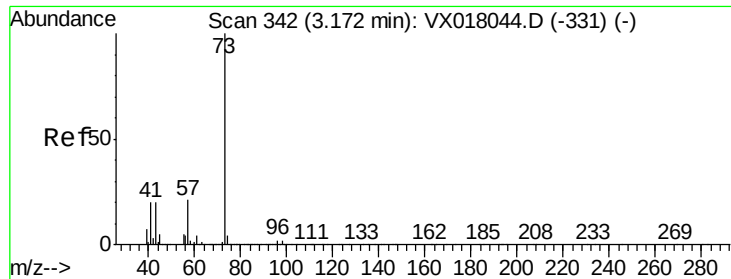
Tgt Ion: 43 Resp: 306471

Ion Ratio Lower Upper

43 100

74 23.7 18.2 27.4





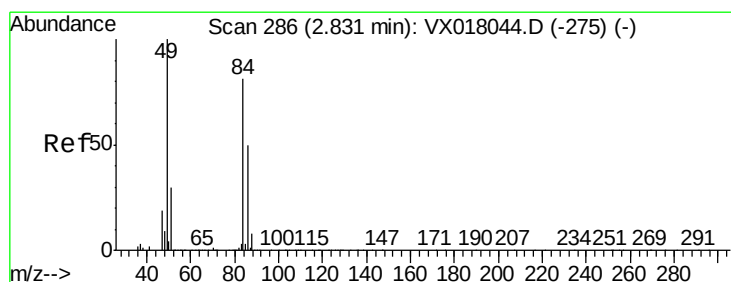
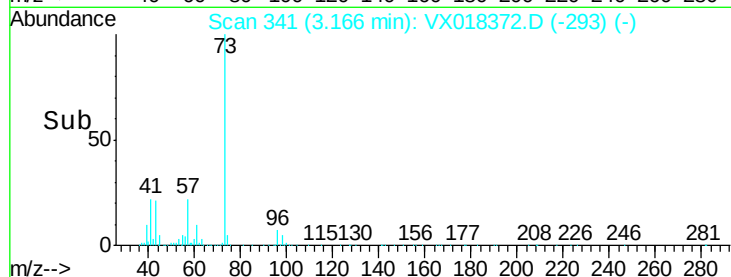
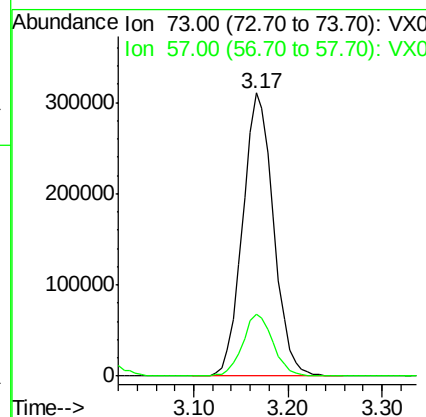
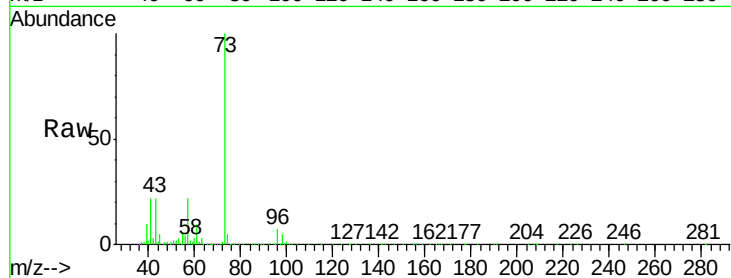
#19
Methyl tert-butyl Ether
Concen: 55.462 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.8	25.2

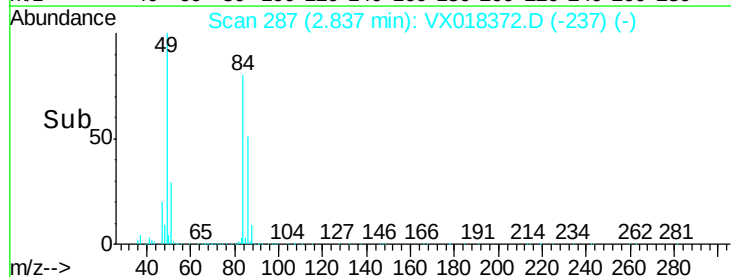
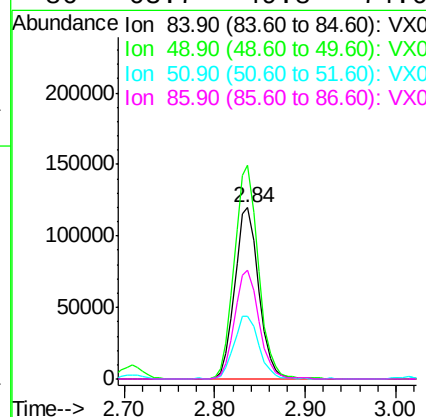
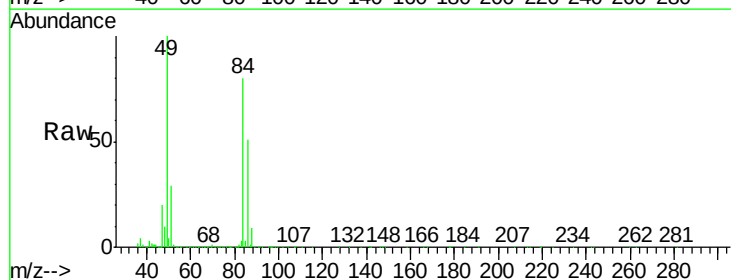
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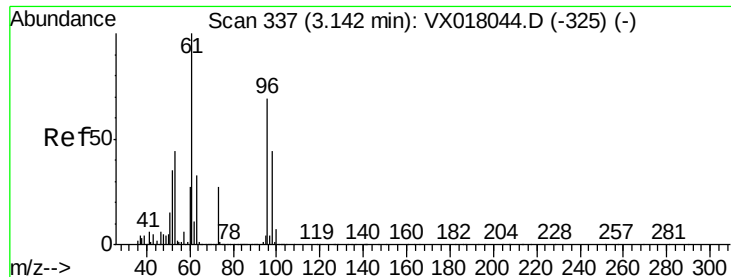
MMDadoda
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#20
Methylene Chloride
Concen: 52.388 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	98.6	148.0
51	36.6	29.6	44.4
86	63.7	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 50.365 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

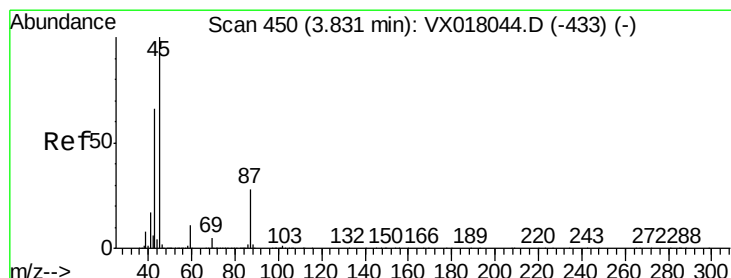
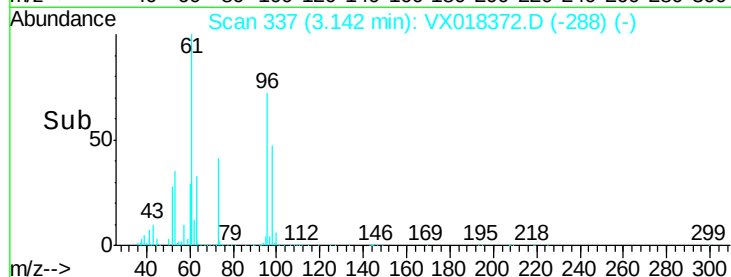
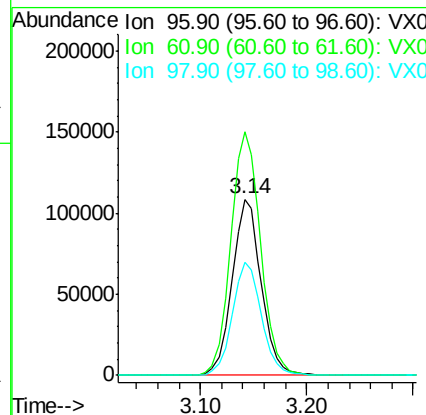
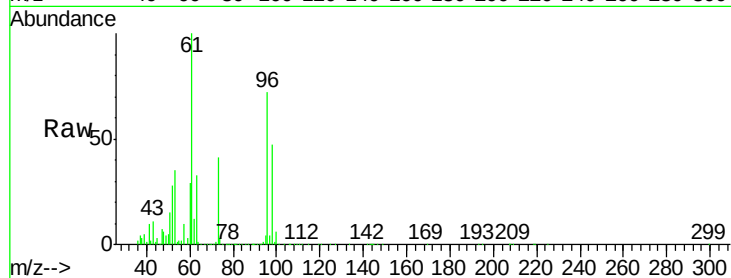
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	207751
Ion Ratio	Lower	Upper	
96	100		
61	137.8	115.4	173.0
98	64.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 53.388 ug/l

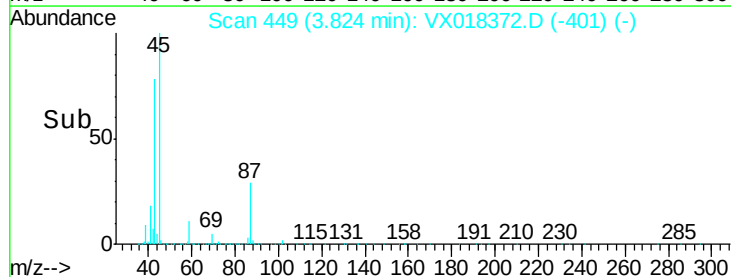
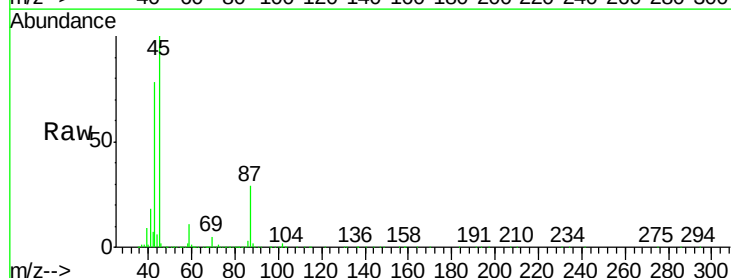
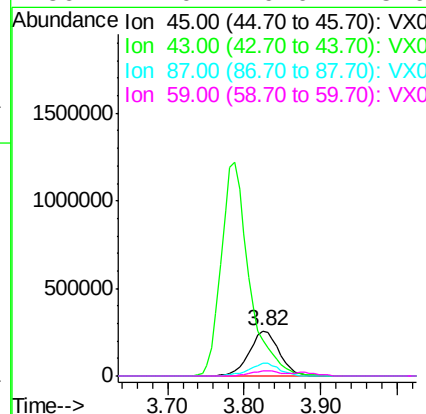
RT: 3.82 min Scan# 449

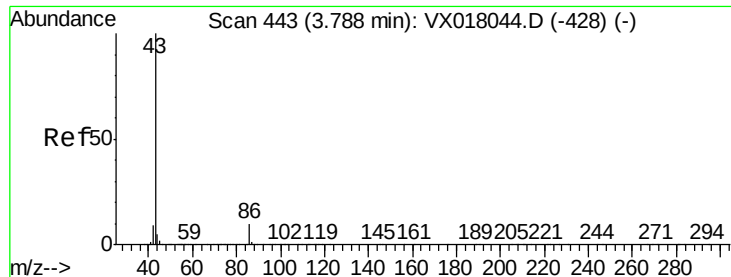
Delta R.T. -0.01 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	45	Resp:	704835
Ion Ratio	Lower	Upper	
45	100		
43	77.5	52.8	79.2
87	28.8	22.5	33.7
59	11.0	9.0	13.6





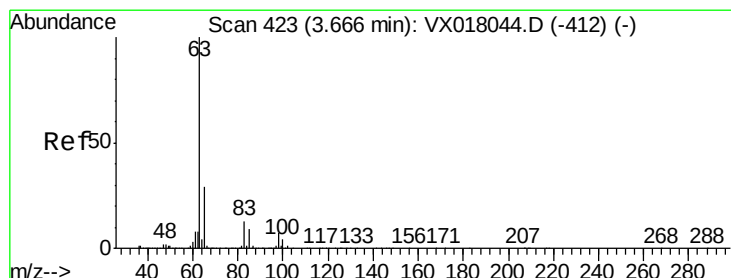
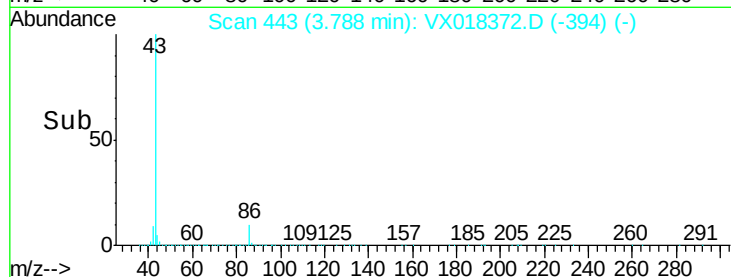
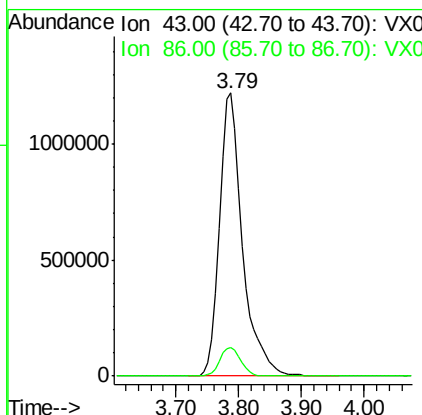
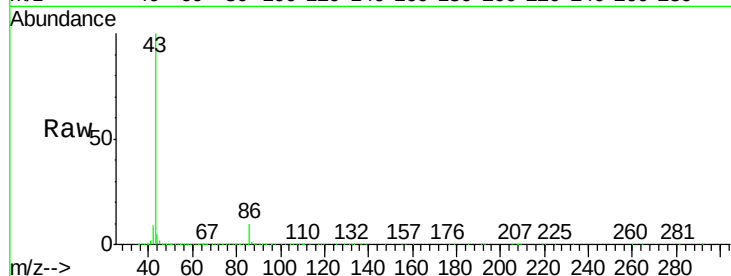
#23
 Vinyl Acetate
 Concen: 263.411 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3094410
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.9 11.9

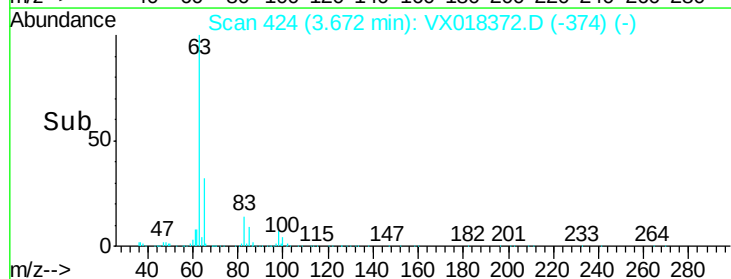
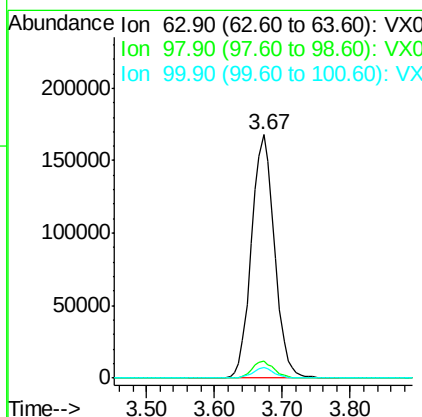
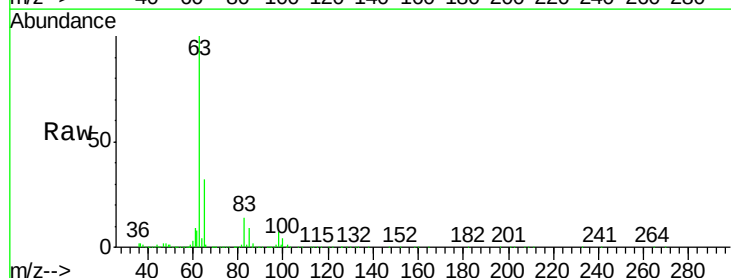
Manual Integrations
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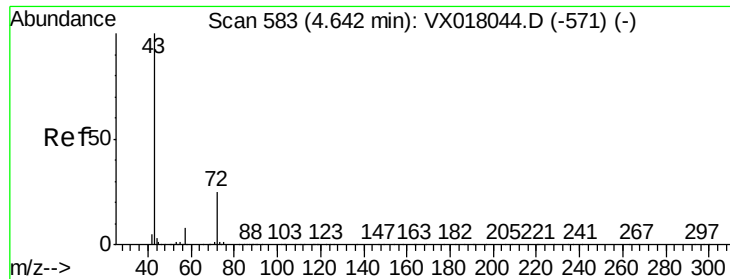
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#24
 1,1-Dichloroethane
 Concen: 52.939 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion: 63 Resp: 397850
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 251.559 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tot Ion: 43 Resp: 852042

Ion Ratio Lower Upper

43 100

72 23.8 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

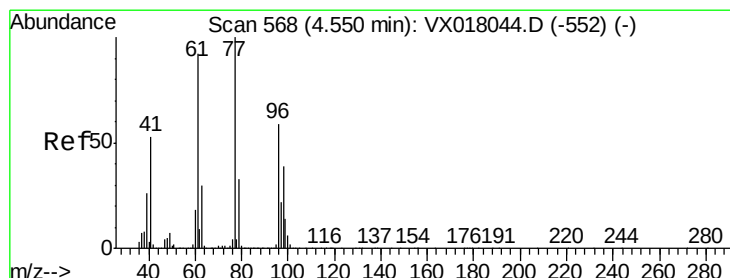
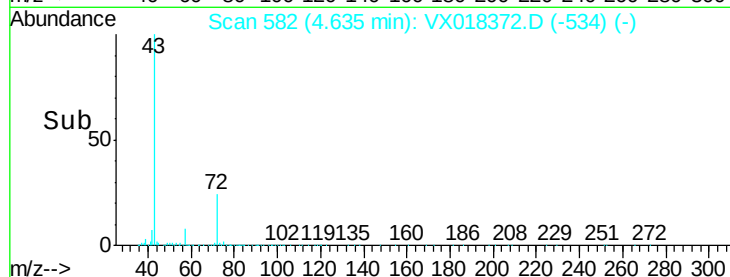
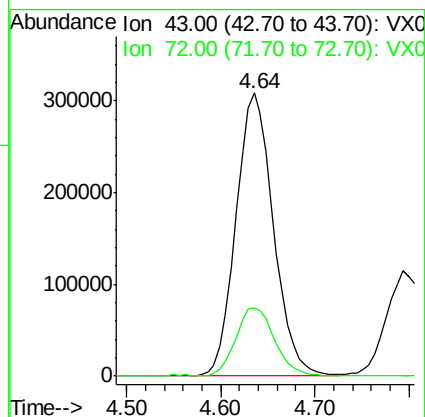
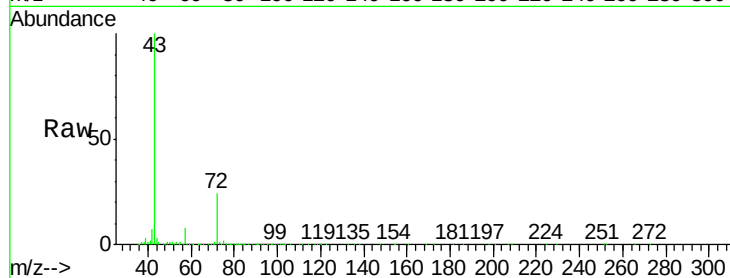
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.456 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018372.D

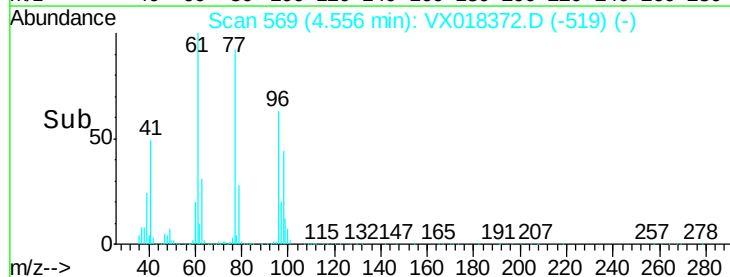
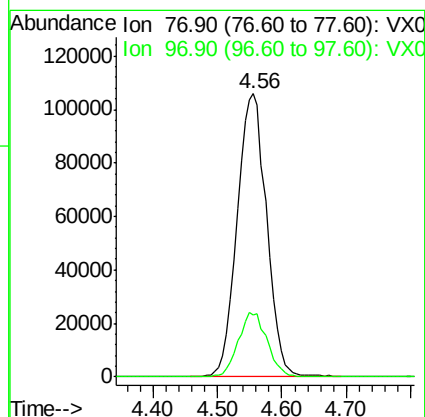
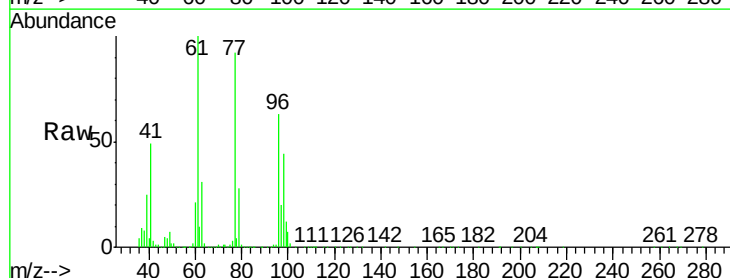
Acq: 11 Sep 2020 19:38

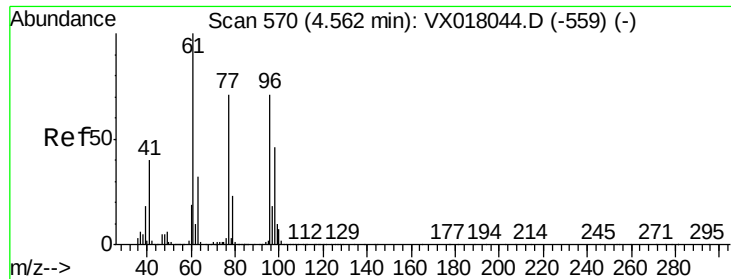
Tgt Ion: 77 Resp: 332984

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5





#27

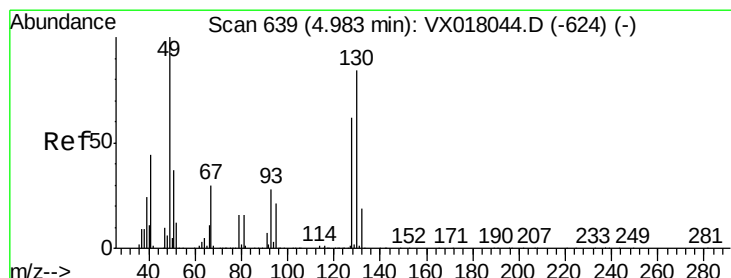
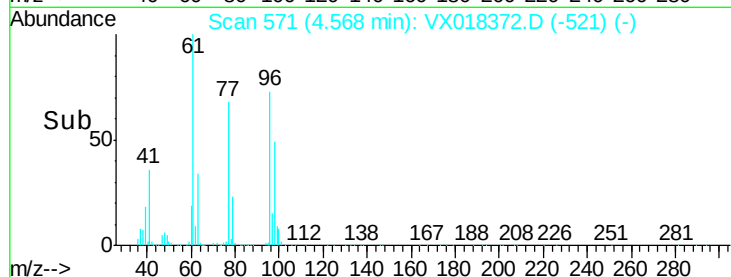
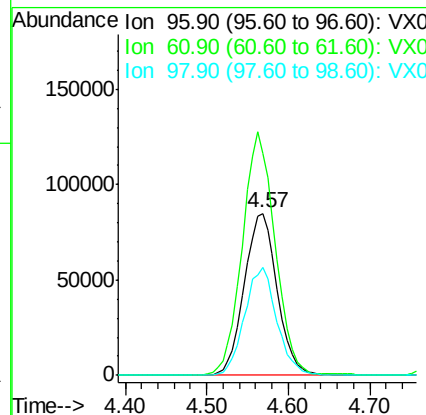
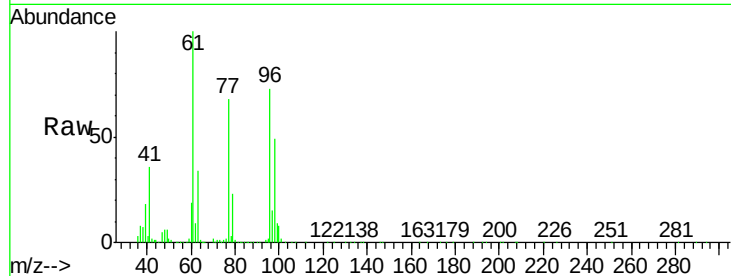
cis-1,2-Dichloroethene
 Concen: 50.064 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	237936		
61	150.3	0.0	296.6	
98	65.4	0.0	130.2	

Manual Integrations
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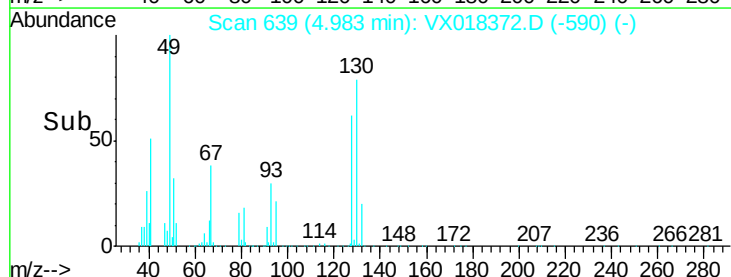
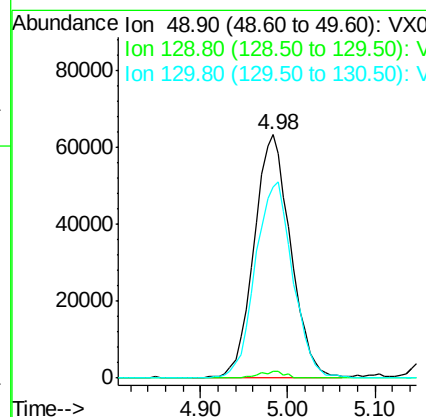
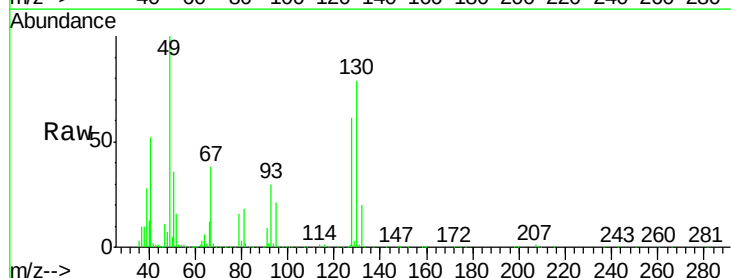
MMDadoda
 9/14/2020 12:10:00 PM

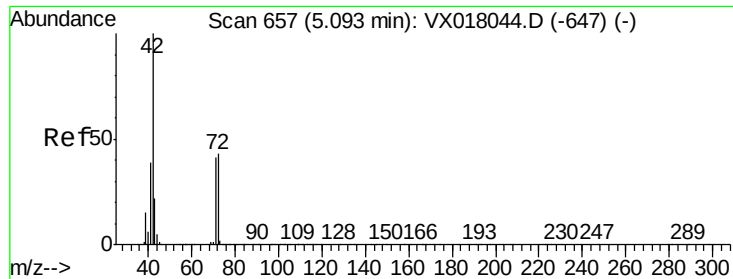


#28

Bromochloromethane
 Concen: 50.489 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	183153		
129	2.1	0.0	4.6	
130	82.9	64.6	96.8	





#29

Tetrahydrofuran

Concen: 249.079 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

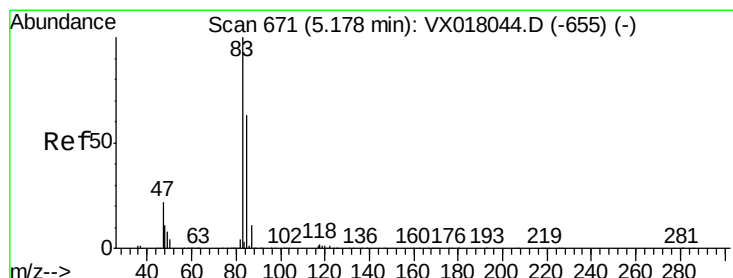
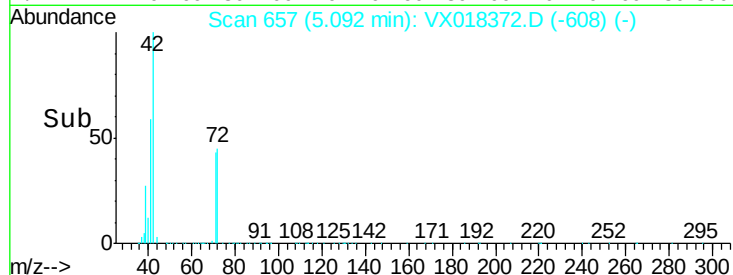
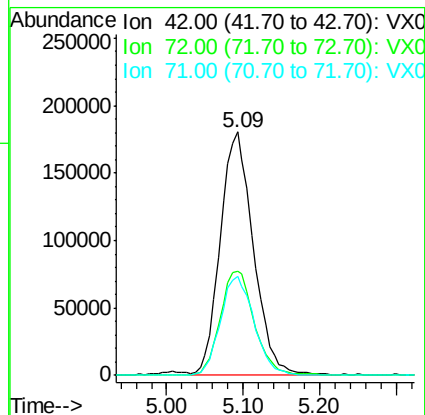
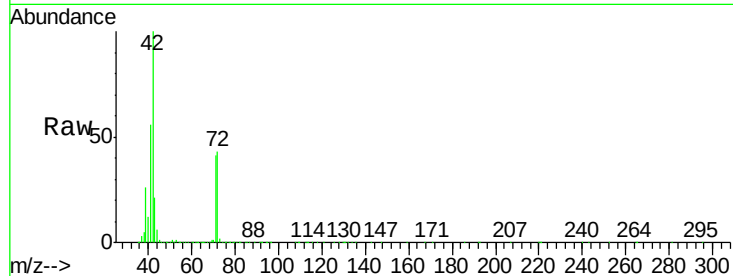
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	537046
Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.4
71	41.5	32.1	48.1

Manual Integrations
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MMDadoda
9/14/2020 12:10:00 PM



#30

Chloroform

Concen: 54.441 ug/l

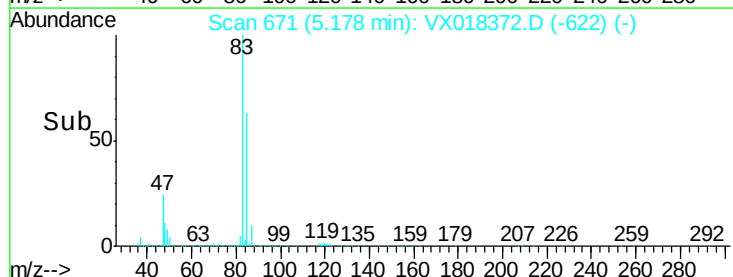
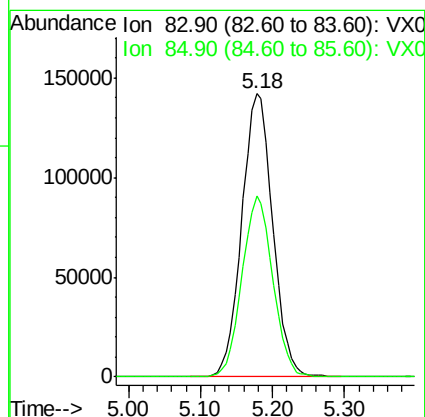
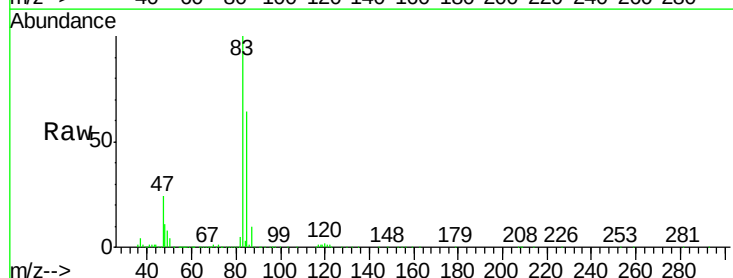
RT: 5.18 min Scan# 671

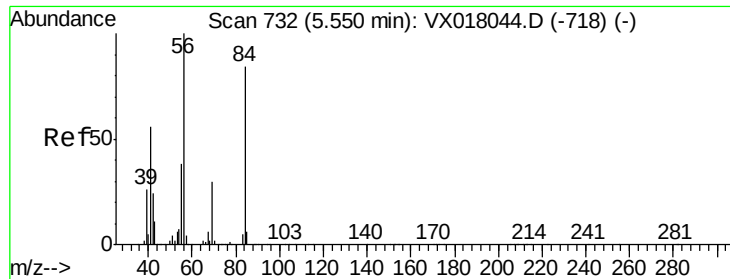
Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	83	Resp:	423643
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.7	76.1





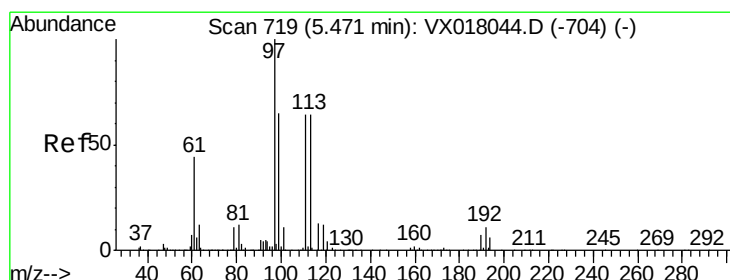
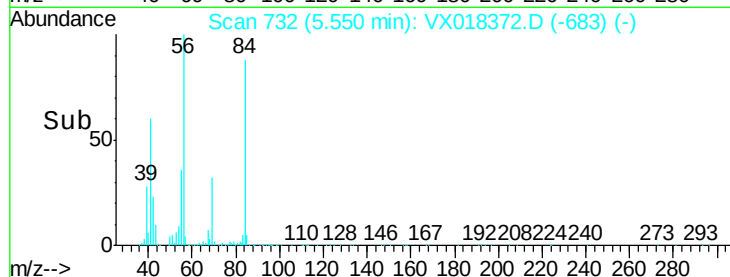
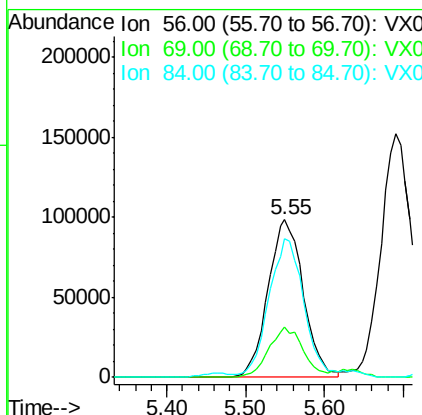
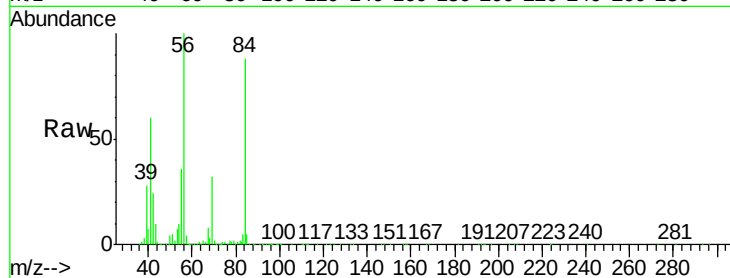
#31
Cyclohexane
Concen: 48.234 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.9	35.9
84	87.0	67.0	100.4

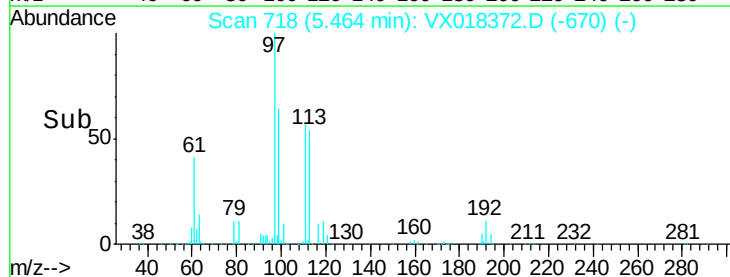
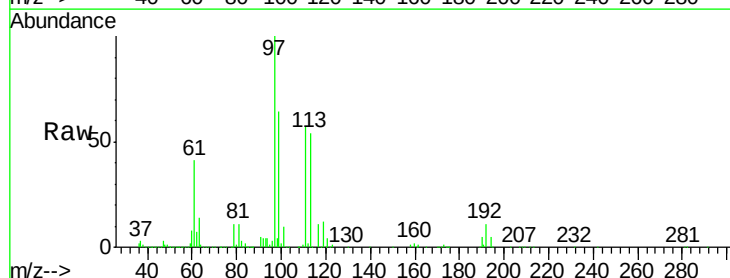
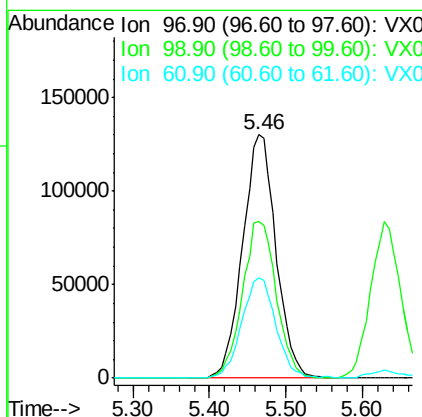
Manual Integrations
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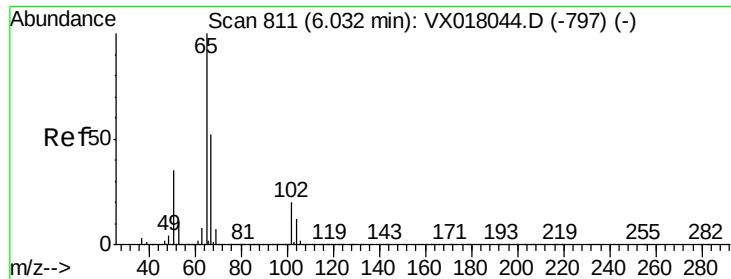
MMDadoda
9/14/2020 12:10:00 PM



#32
1,1,1-Trichloroethane
Concen: 55.232 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.4	77.0
61	42.1	34.2	51.4





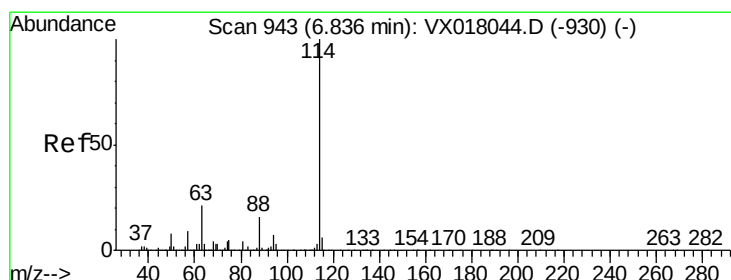
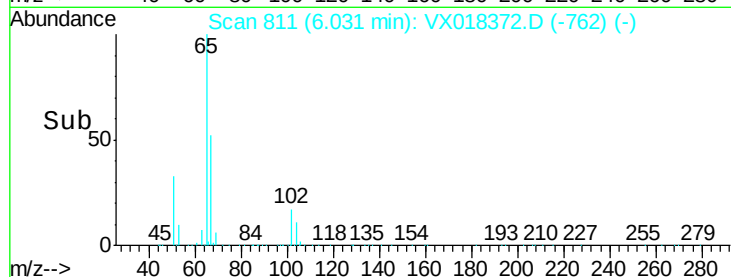
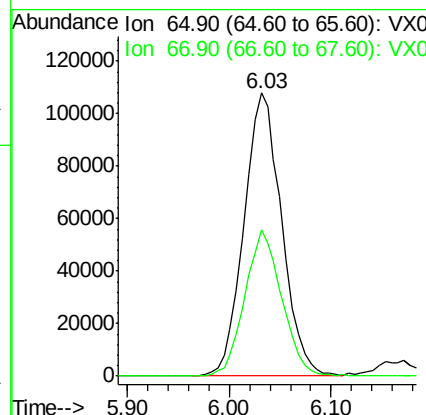
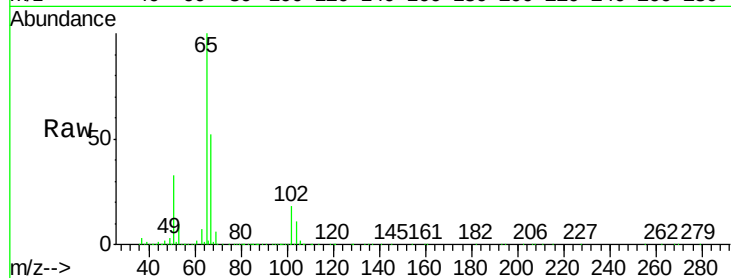
#33
 1,2-Dichloroethane-d4
 Concen: 52.196 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	105.8

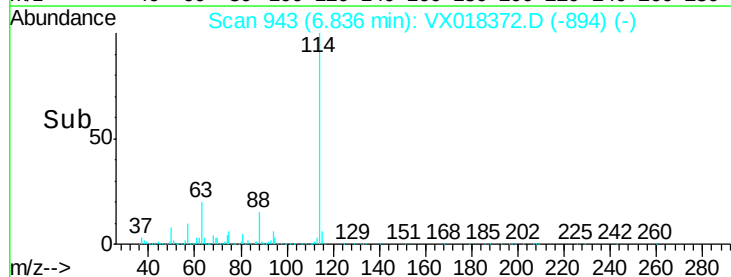
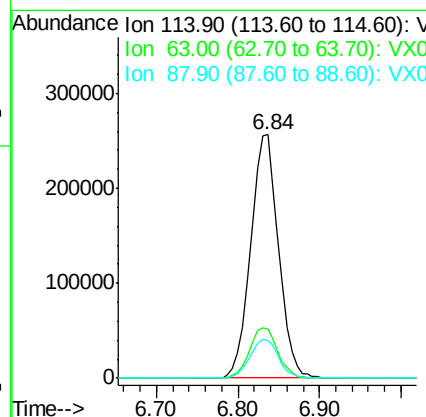
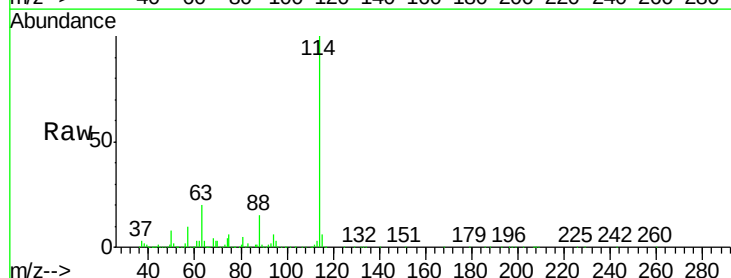
Manual Integrations
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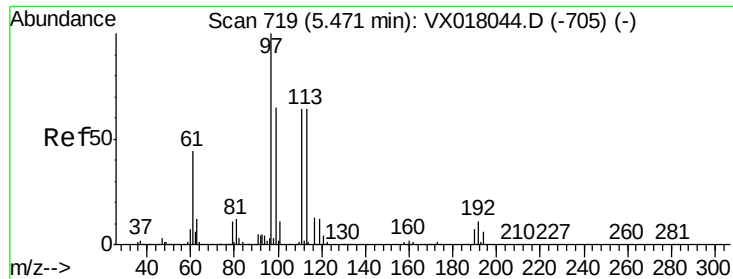
MMDadoda
 9/14/2020 12:10:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	15.3	0.0	31.8





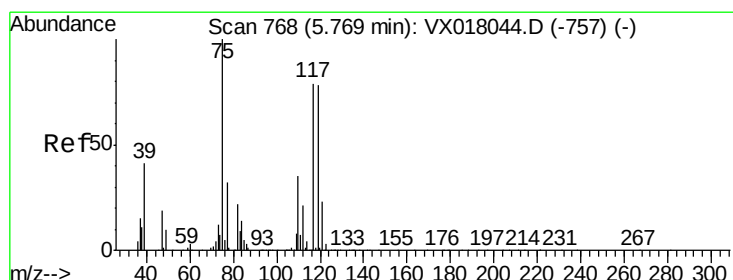
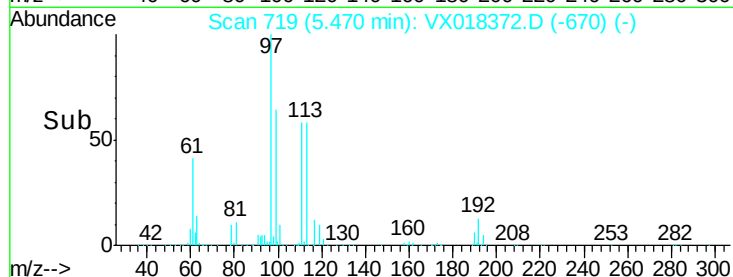
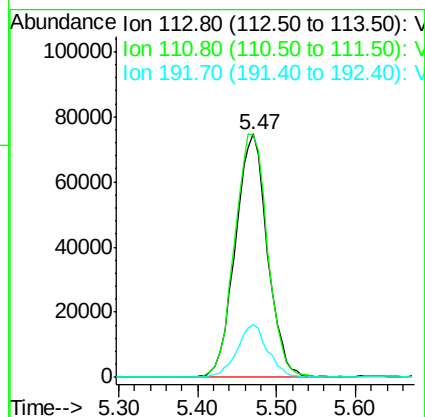
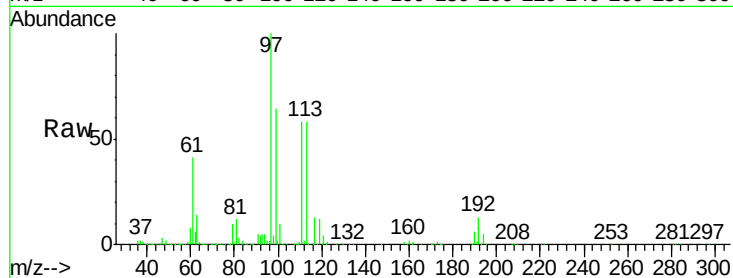
#35
Dibromofluoromethane
Concen: 50.695 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	210989		
111	102.5	81.6	122.4	
192	20.8	15.8	23.8	

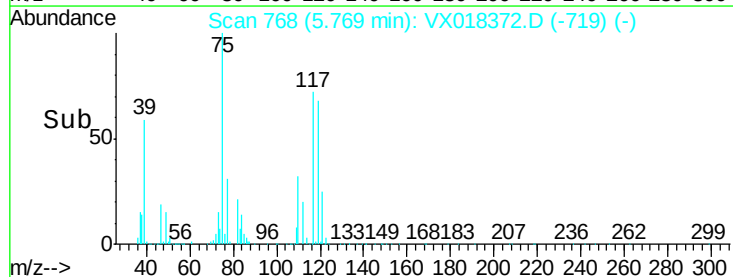
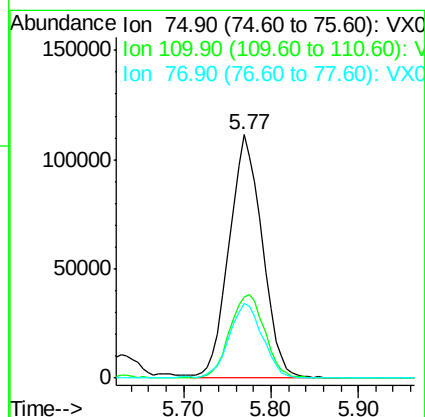
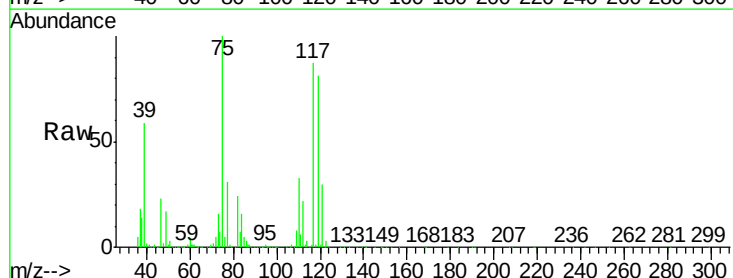
Manual Integrations
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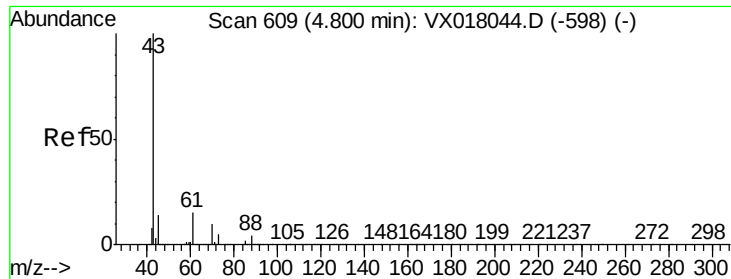
MMDadoda
9/14/2020 12:10:00 PM



#36
1,1-Dichloropropene
Concen: 51.855 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	292282		
110	36.5	18.0	54.0	
77	30.4	24.4	36.6	





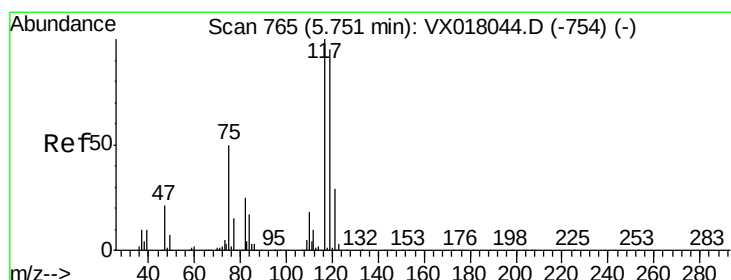
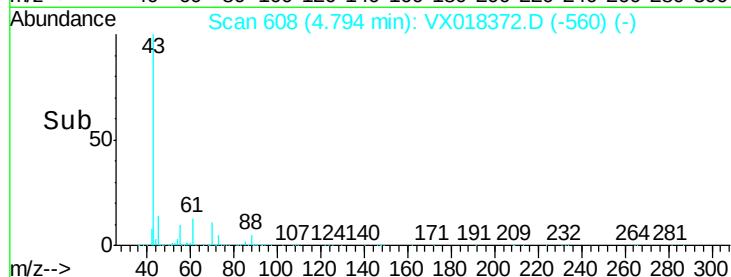
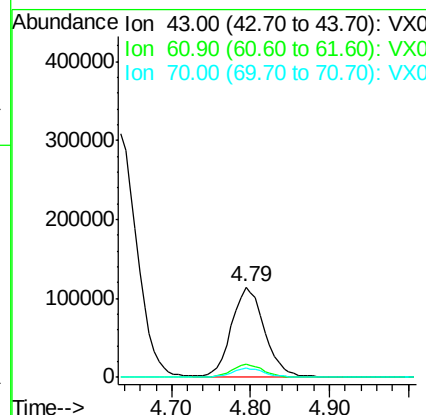
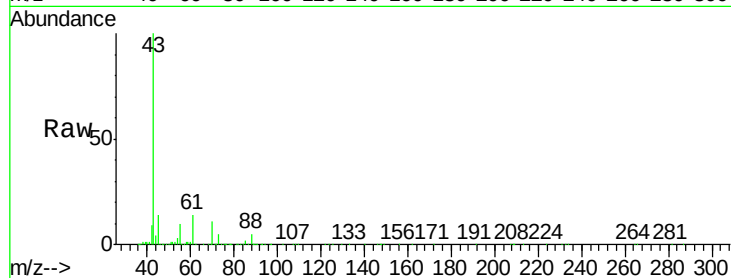
#37
Ethyl Acetate
Concen: 50.484 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	330495
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.3	16.9
70	10.3	8.2	12.4

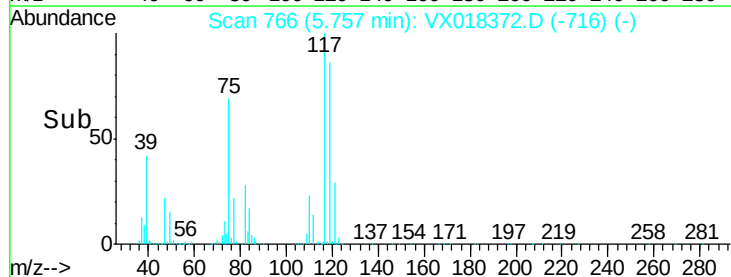
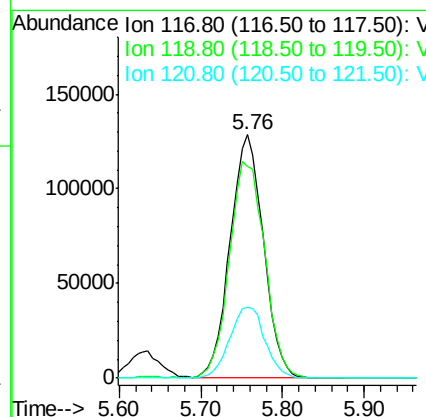
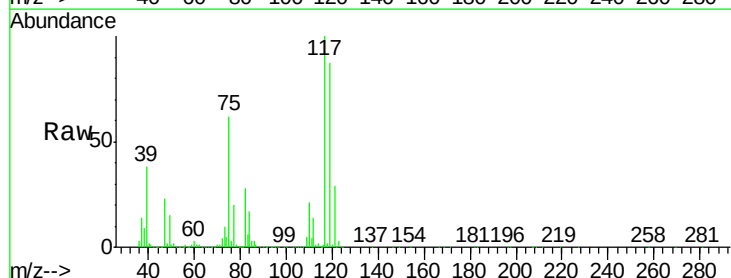
Manual Integrations
APPROVED

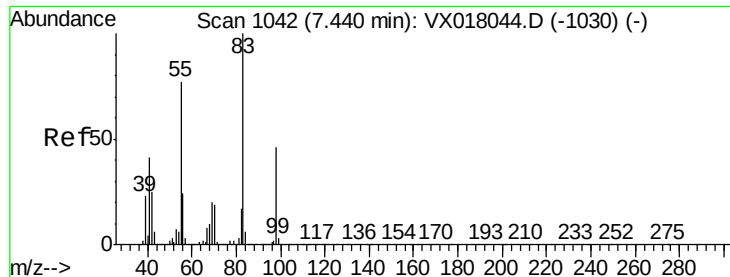
MMDadoda
9/14/2020 12:10:00 PM



#38
Carbon Tetrachloride
Concen: 57.139 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	117	Resp	362954
Ion Ratio	Lower	Upper	
117	100		
119	86.8	75.8	113.6
121	29.2	23.4	35.0





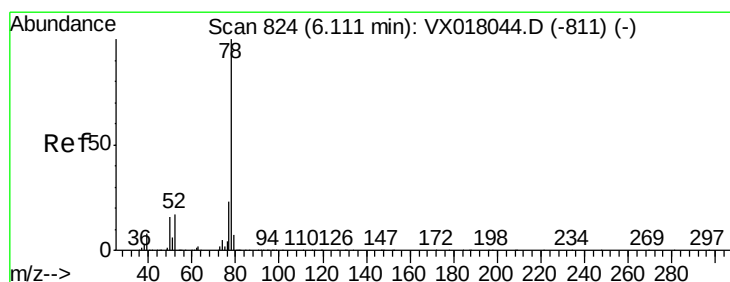
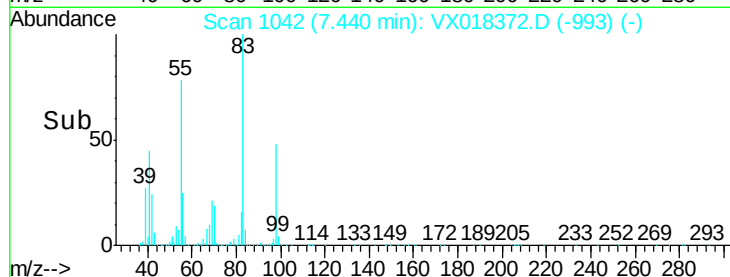
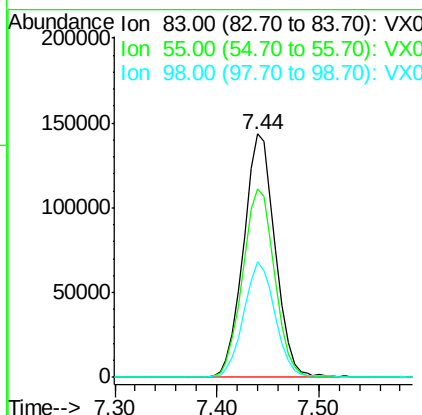
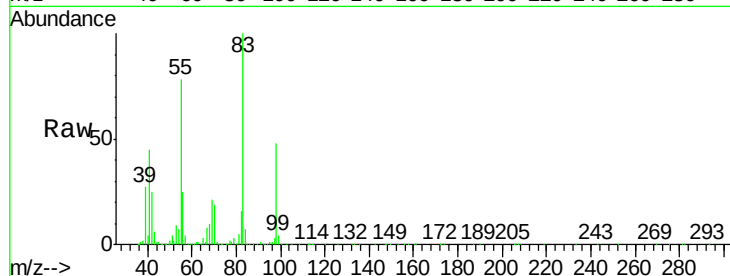
#39
Methylvlcyclohexane
Concen: 50.342 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	310275		
55	77.4	61.8	92.6	
98	47.6	36.6	55.0	

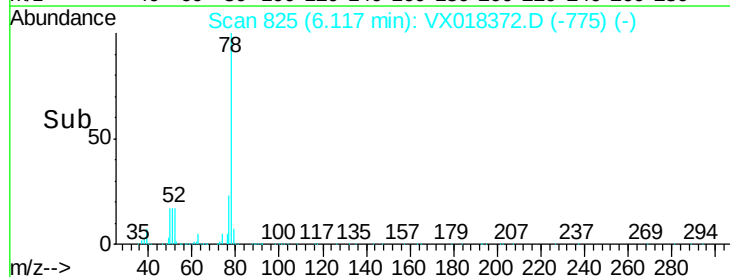
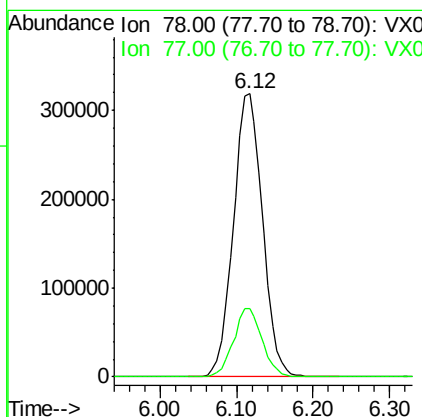
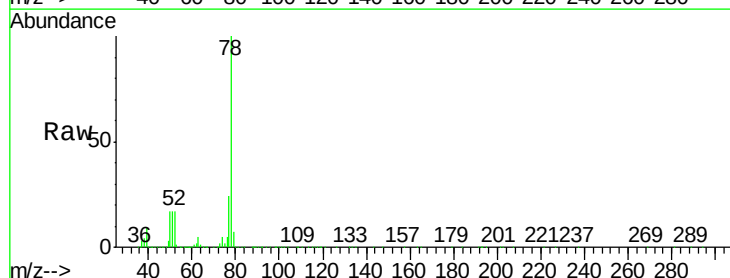
Manual Integrations
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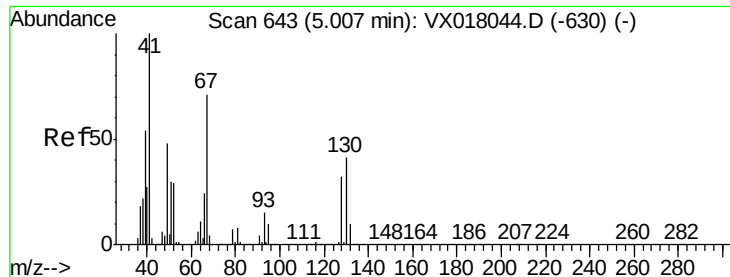
MMDadoda
9/14/2020 12:10:00 PM



#40
Benzene
Concen: 50.687 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	839488		
77	24.2	18.2	27.2	





#41

Methacrylonitrile

Concen: 49.558 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

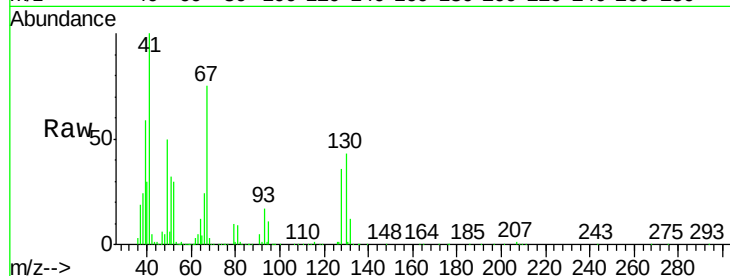
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		178137		
39	57.9	43.1	64.7		
67	73.4	56.0	84.0		
52	30.6	22.7	34.1		

Manual Integrations
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MMDadoda
9/14/2020 12:10:00 PM



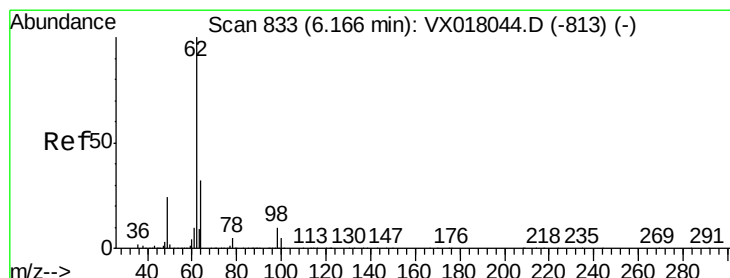
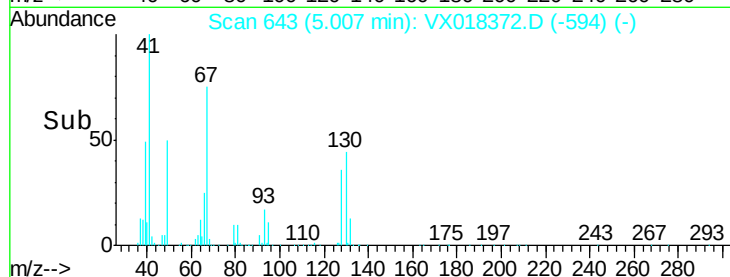
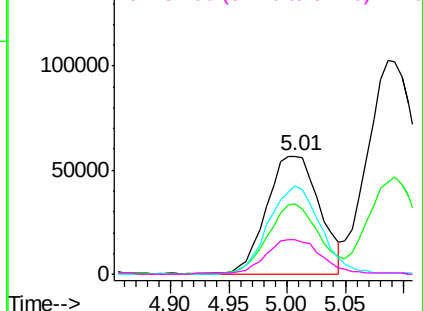
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 56.537 ug/l

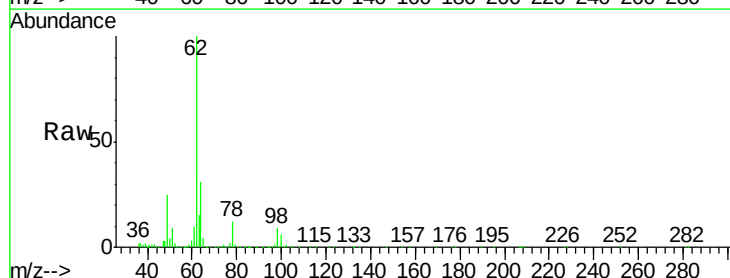
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

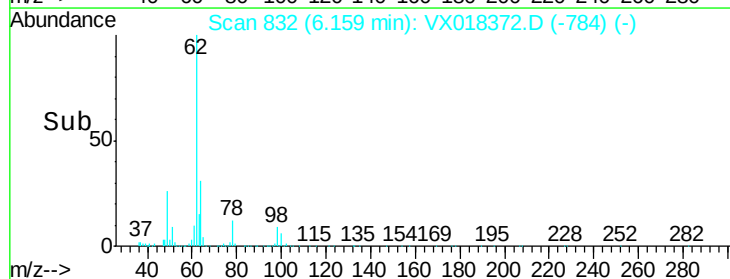
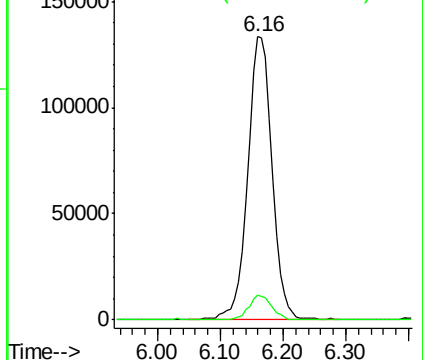
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		358762		
98	8.5	0.0	18.2		

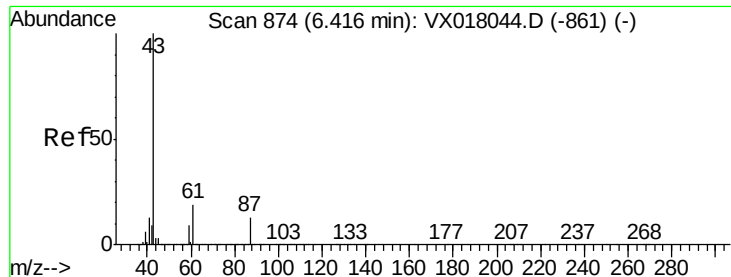


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.777 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

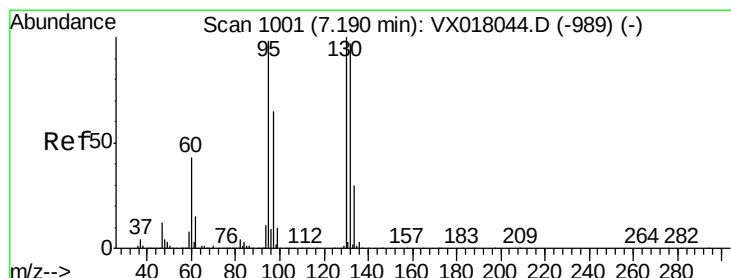
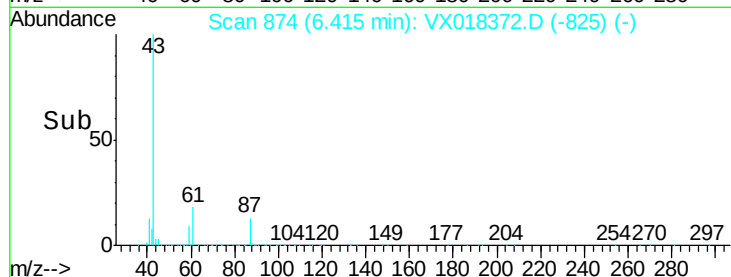
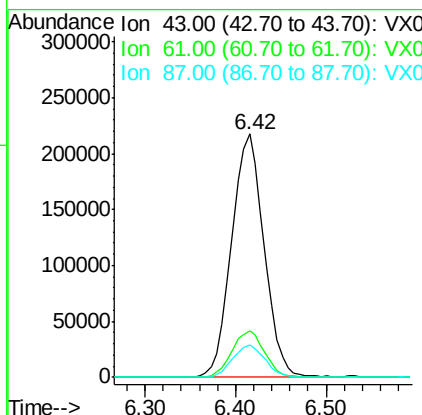
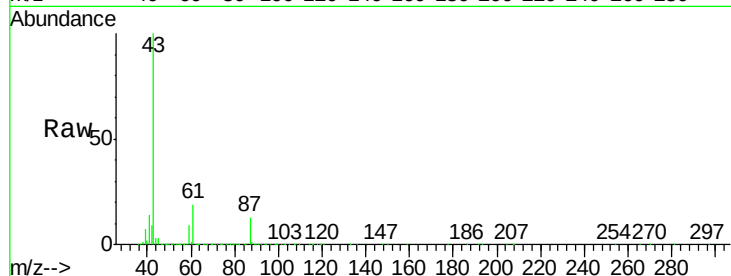
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	536902
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.5	10.3	15.5

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#44

Trichloroethene

Concen: 51.112 ug/l

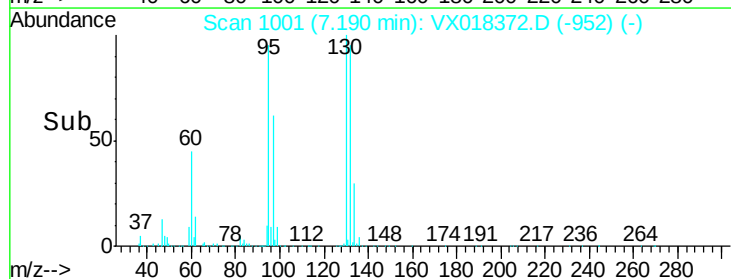
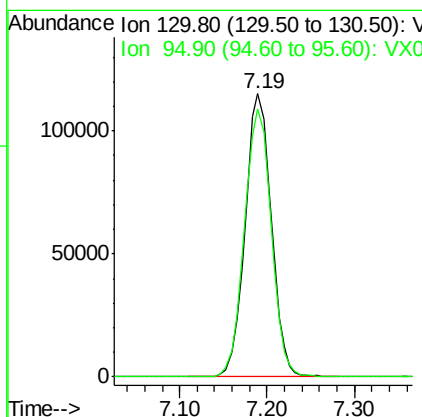
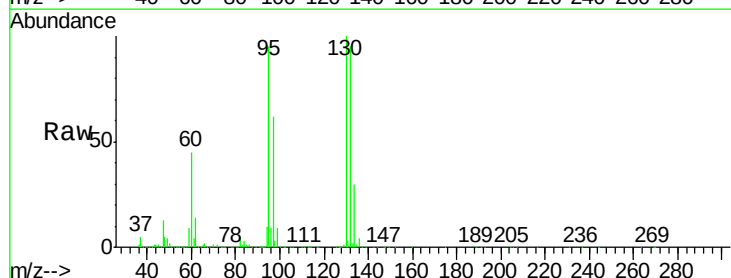
RT: 7.19 min Scan# 1001

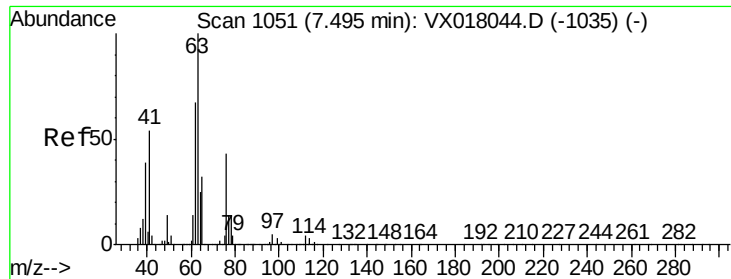
Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	130	Resp:	239194
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	196.4





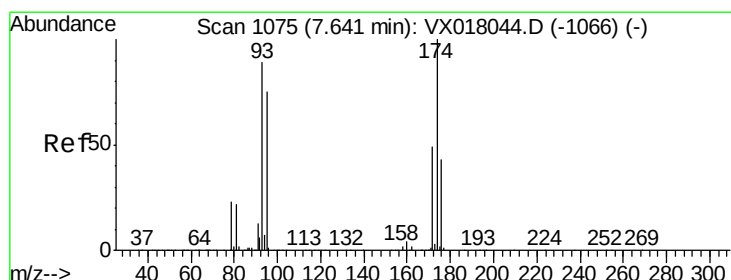
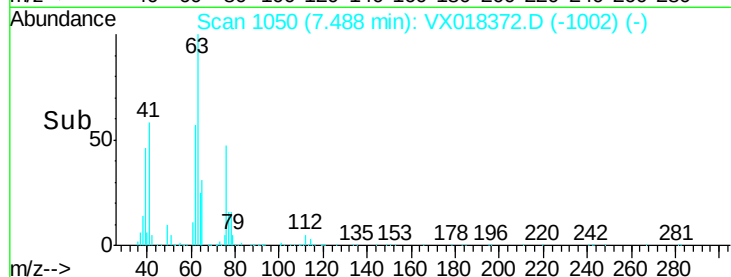
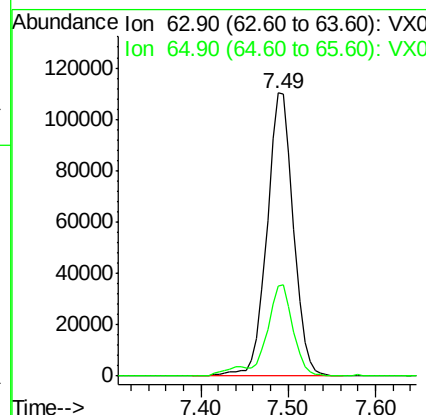
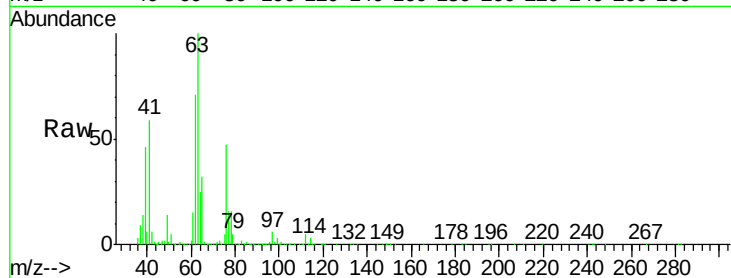
#45
 1,2-Dichloropropane
 Concen: 51.834 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.7	38.5

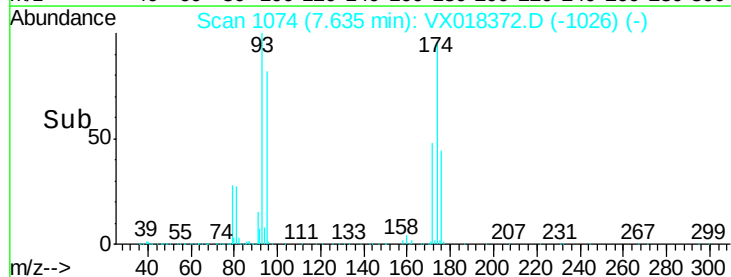
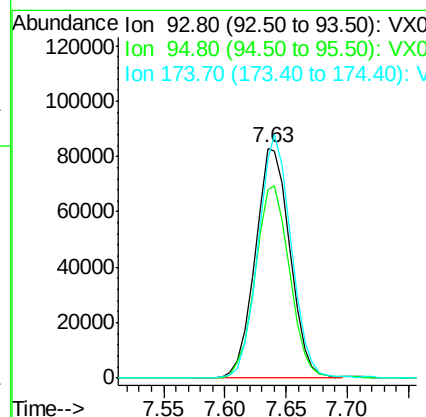
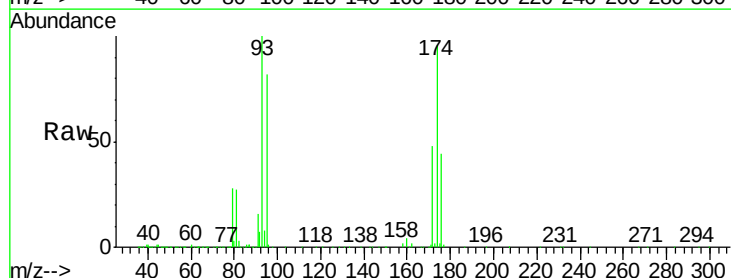
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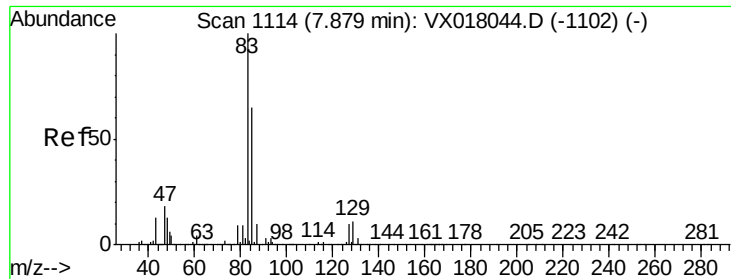
MMDadoda
 9/14/2020 12:10:00 PM



#46
 Dibromomethane
 Concen: 52.376 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.3	100.9
174	101.1	82.2	123.2





#47

Bromodichloromethane

Concen: 55.398 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

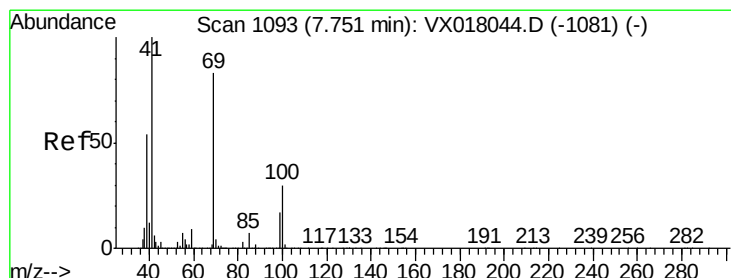
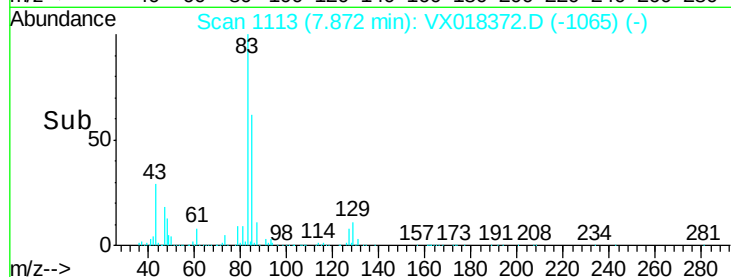
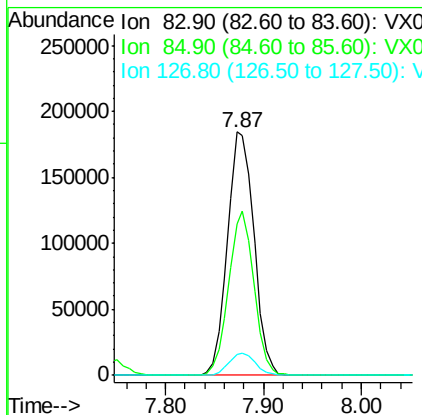
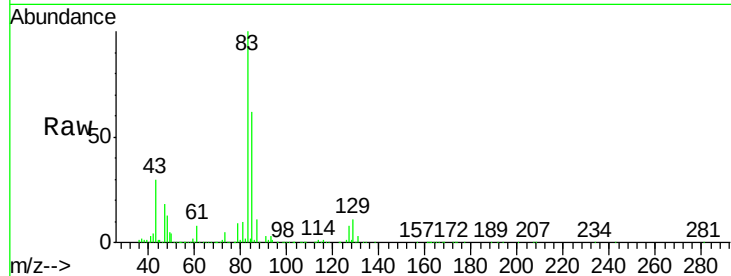
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	347216
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.8	77.6
127	8.5	7.7	11.5

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#48

Methyl methacrylate

Concen: 51.628 ug/l

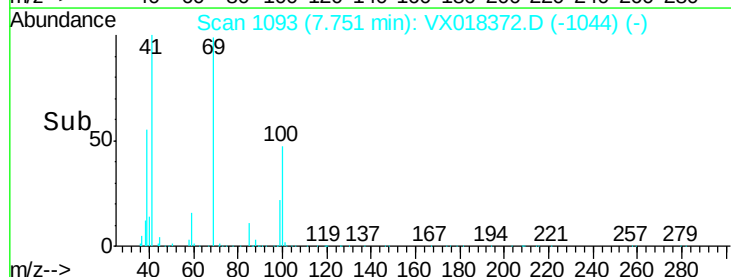
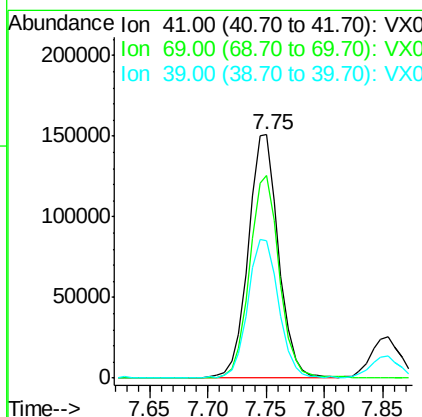
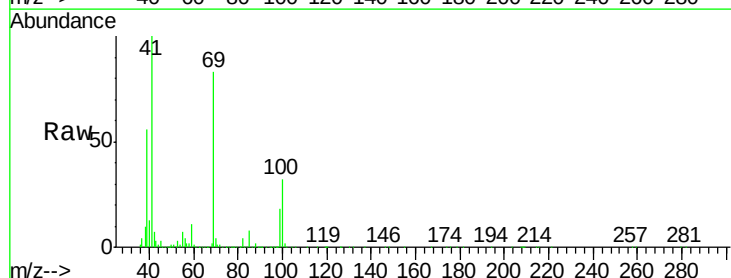
RT: 7.75 min Scan# 1093

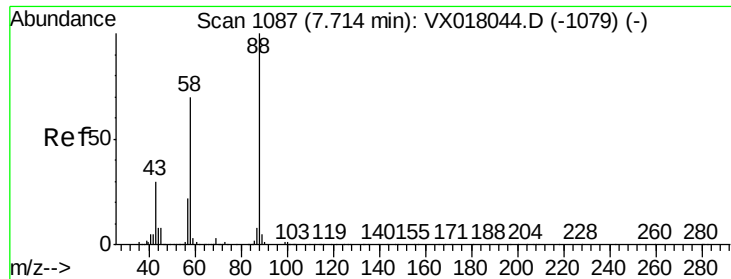
Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	41	Resp:	271757
Ion Ratio	Lower	Upper	
41	100		
69	82.5	65.5	98.3
39	58.3	44.5	66.7





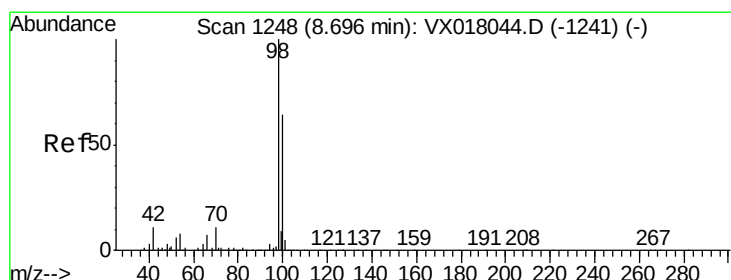
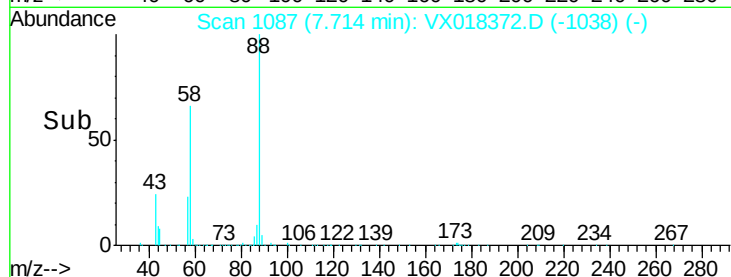
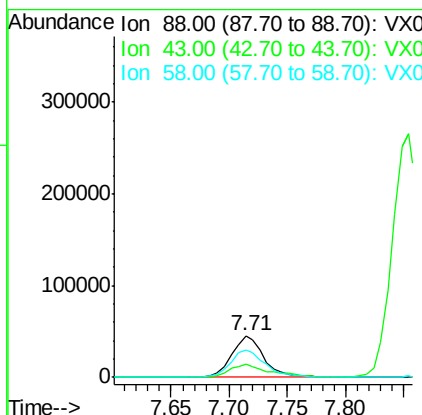
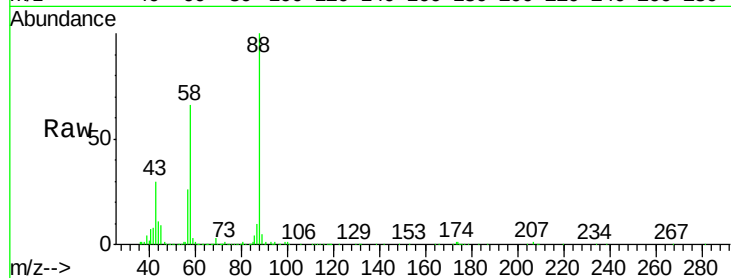
#49
1,4-Dioxane
Concen: 899.910 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	27.4	41.0
58	72.2	56.4	84.6

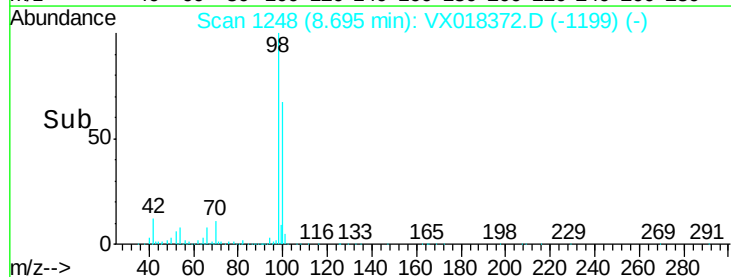
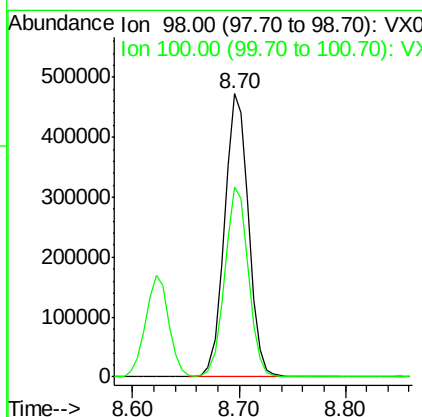
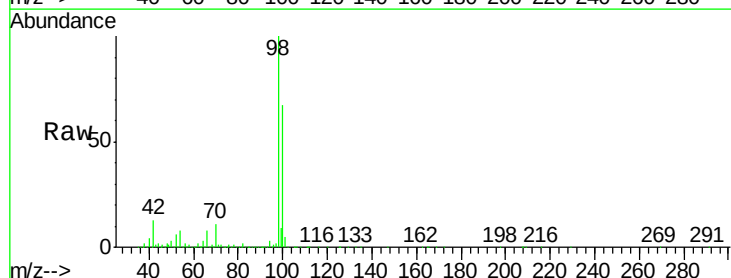
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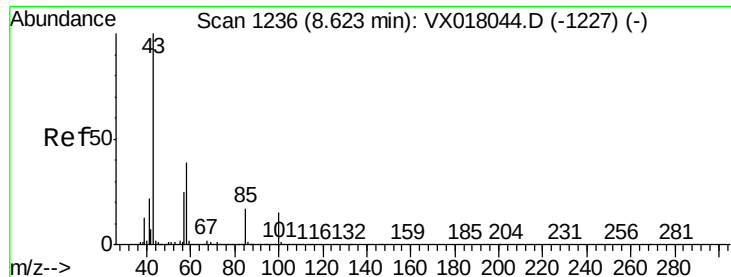
MMDadoda
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#50
Toluene-d8
Concen: 47.871 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 264.086 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1724880

Ion Ratio Lower Upper

43 100

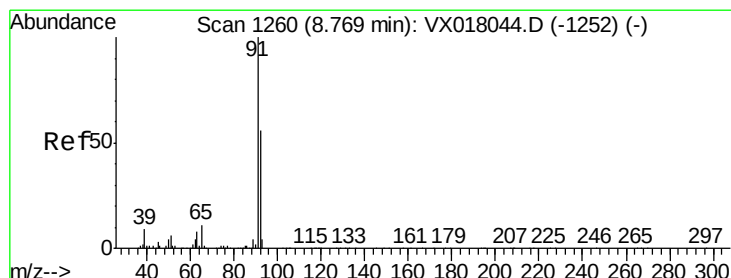
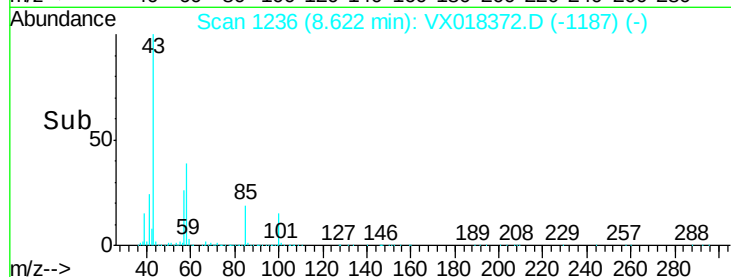
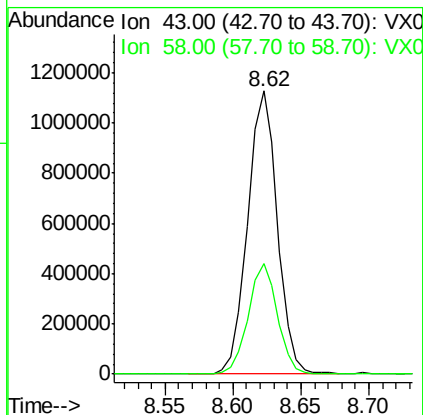
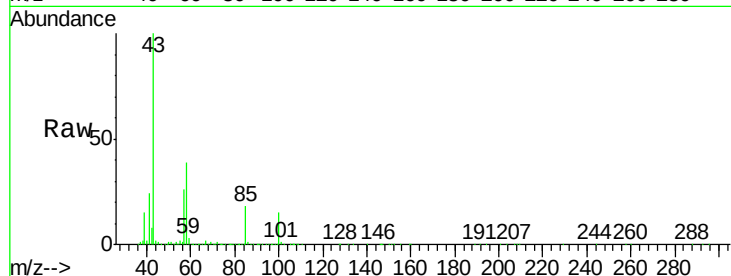
58 38.4 30.7 46.1

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#52

Toluene

Concen: 52.373 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018372.D

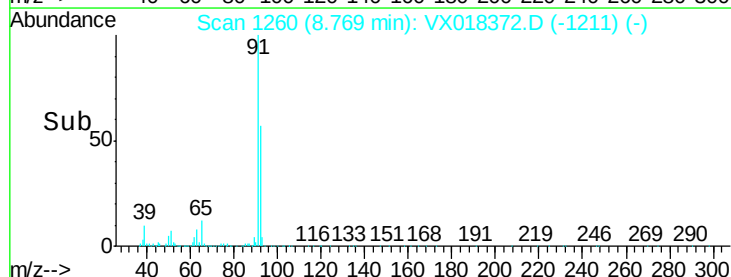
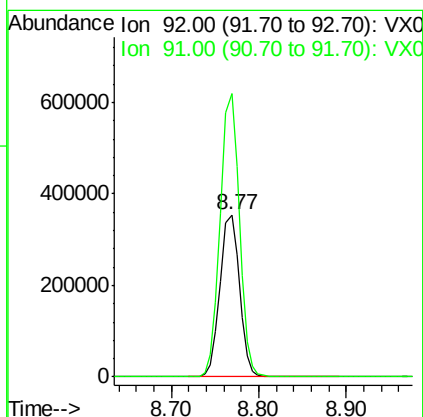
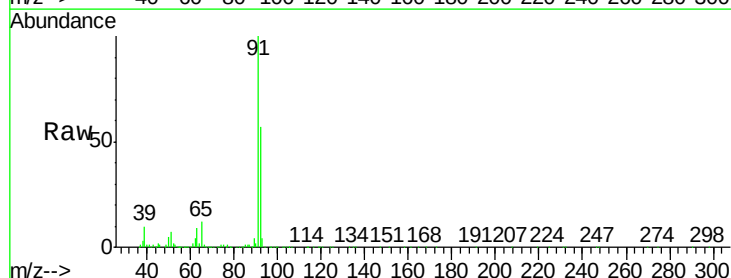
Acq: 11 Sep 2020 19:38

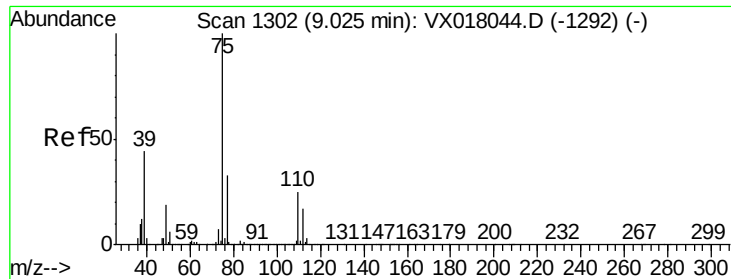
Tgt Ion: 92 Resp: 550026

Ion Ratio Lower Upper

92 100

91 171.5 140.3 210.5





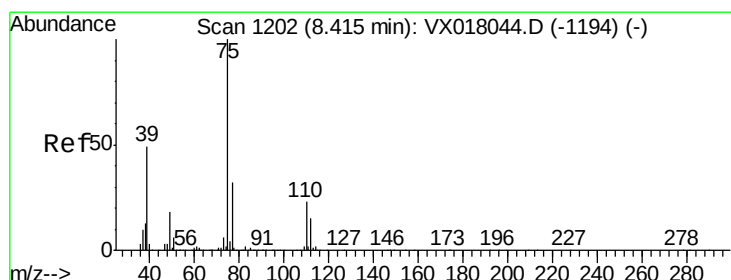
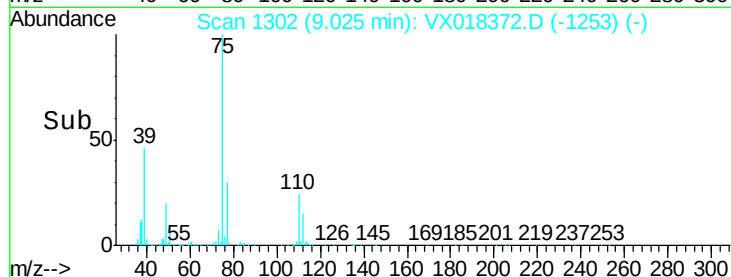
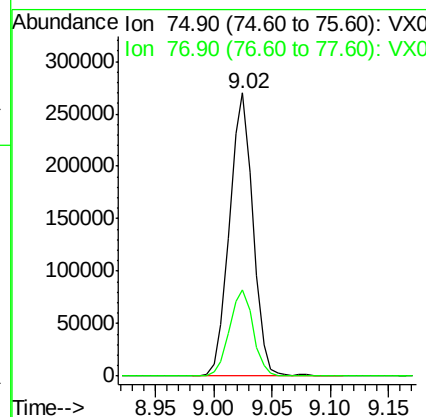
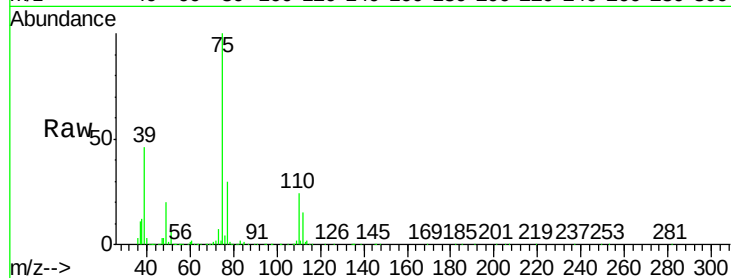
#53
t-1,3-Dichloropropene
Concen: 54.216 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.6	39.8

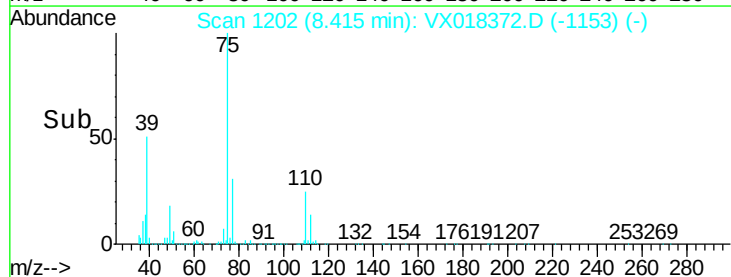
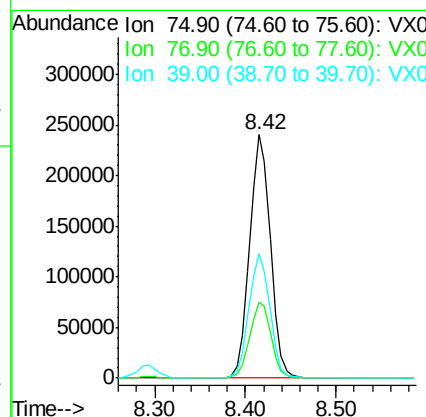
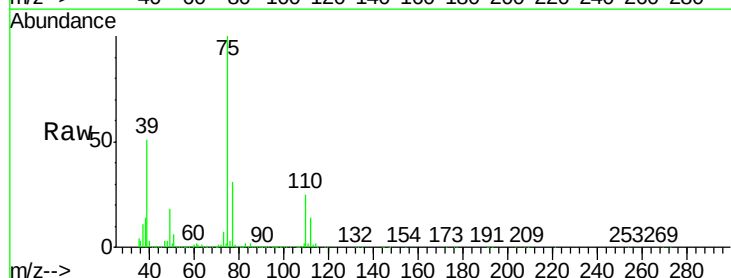
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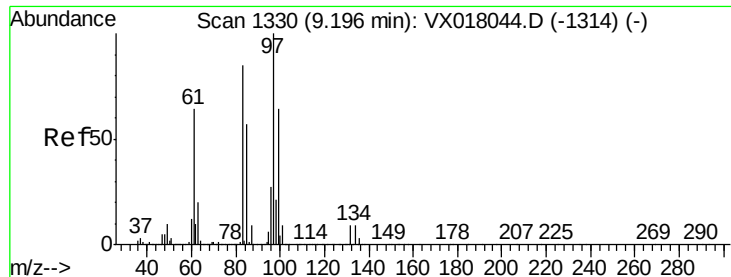
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.814 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.8
39	51.0	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 52.455 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

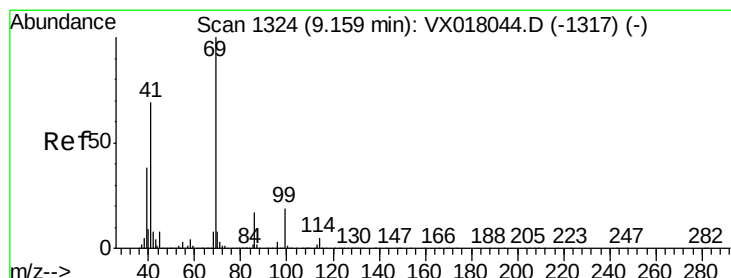
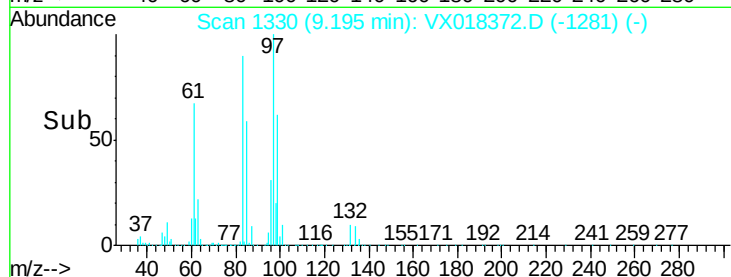
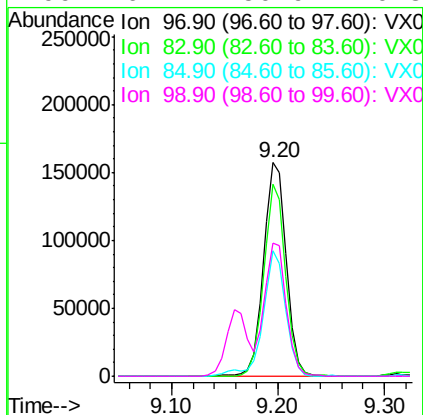
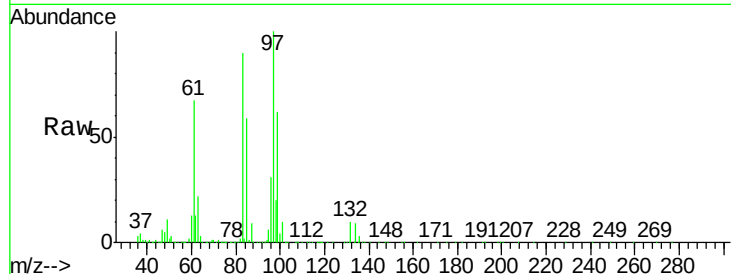
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		234948		
83	89.8	67.8	101.6		
85	58.8	45.3	67.9		
99	62.2	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 53.114 ug/l

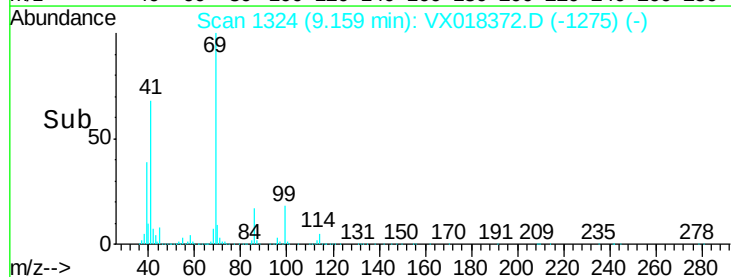
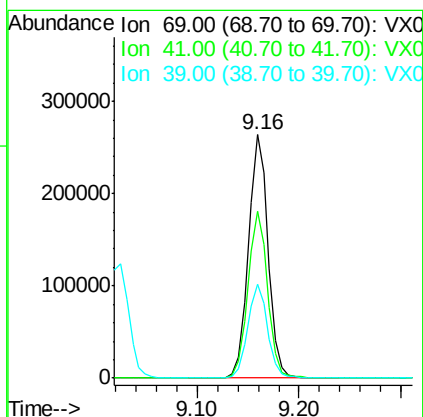
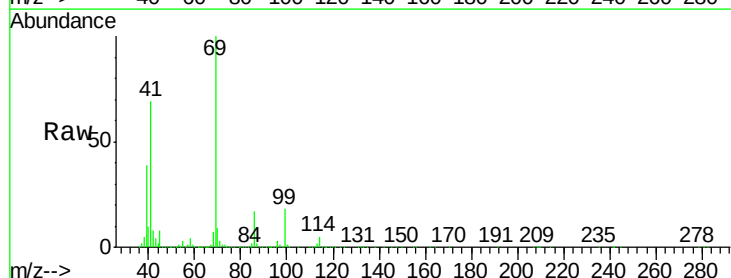
RT: 9.16 min Scan# 1324

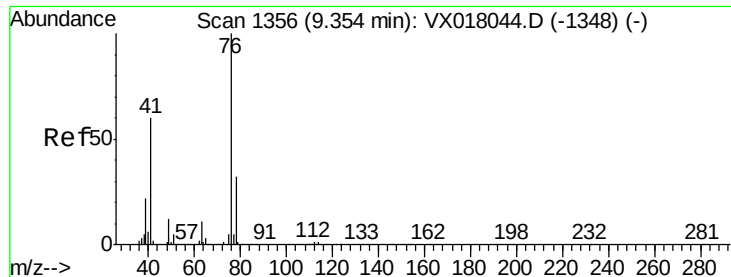
Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		353665		
41	69.1	54.6	81.8		
39	38.9	29.1	43.7		





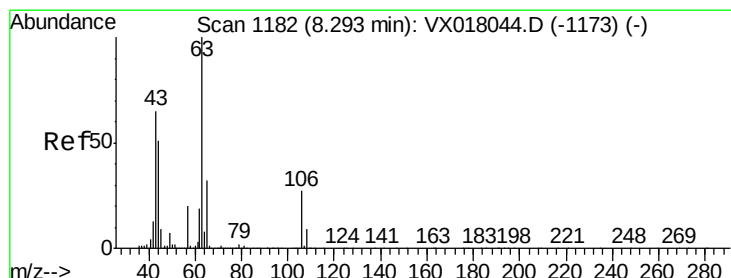
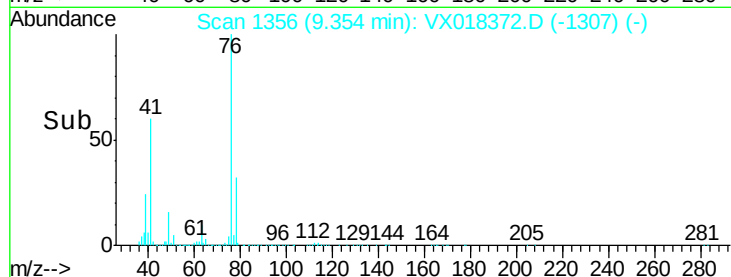
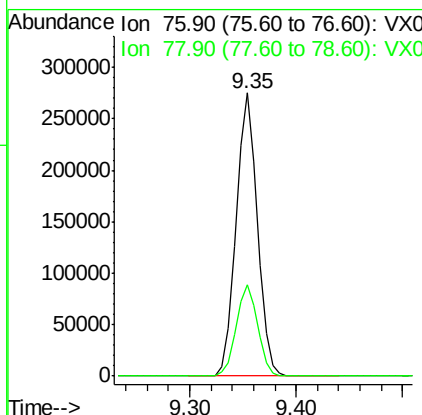
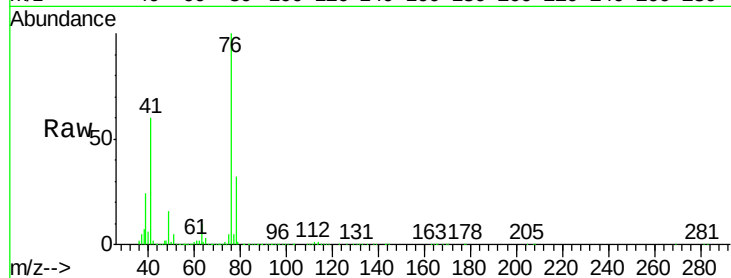
#57
 1,3-Dichloropropane
 Concen: 52.229 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

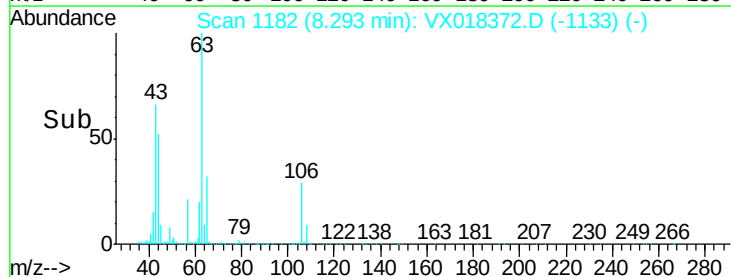
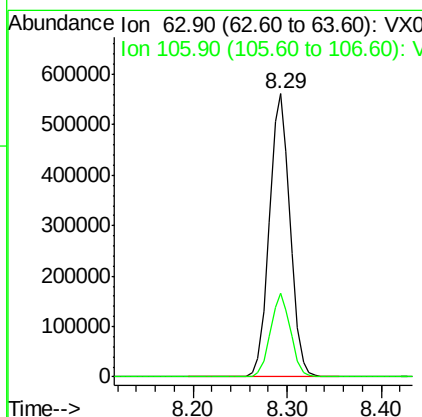
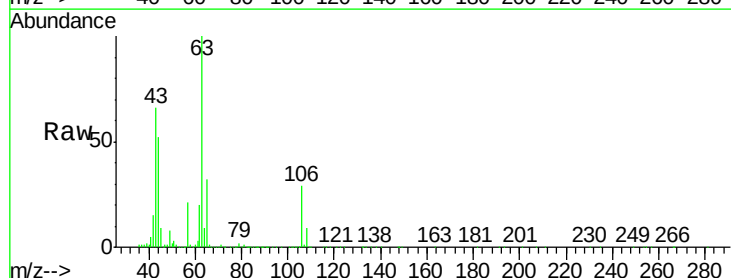
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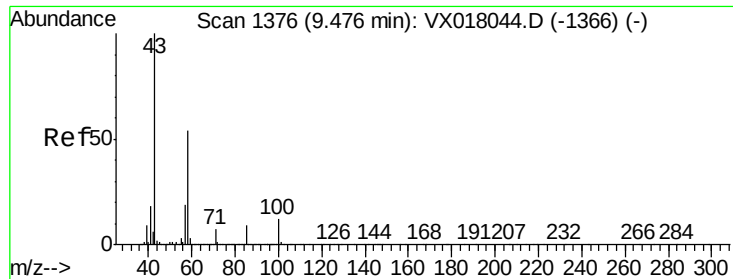
MMDadoda
 9/14/2020 12:10:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 291.133 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	22.1	33.1





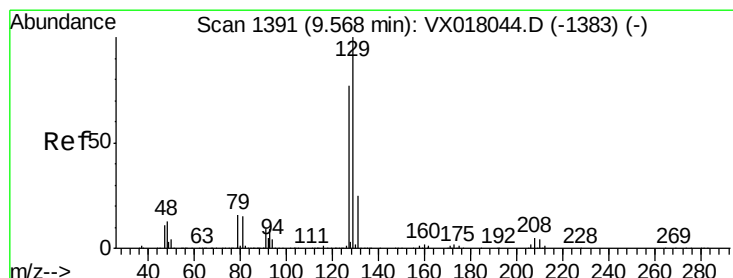
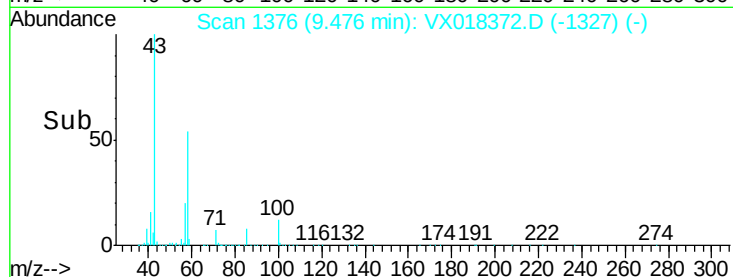
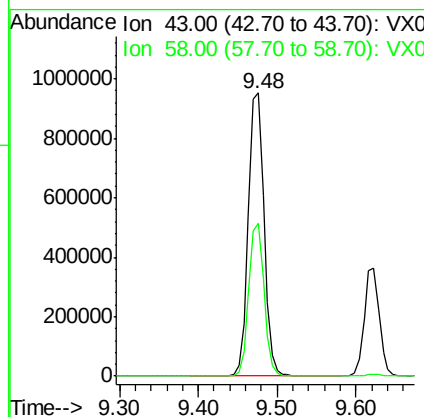
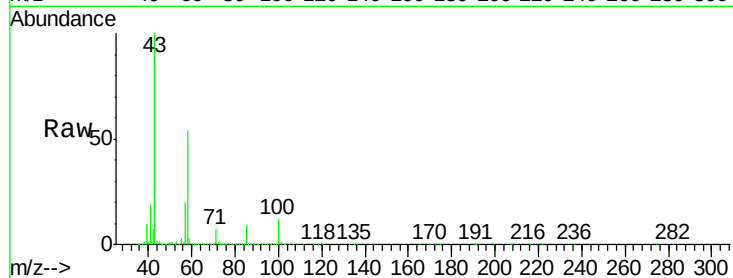
#59
2-Hexanone
Concen: 266.190 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1322024
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7

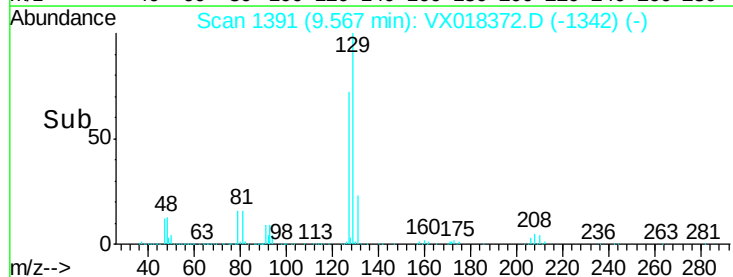
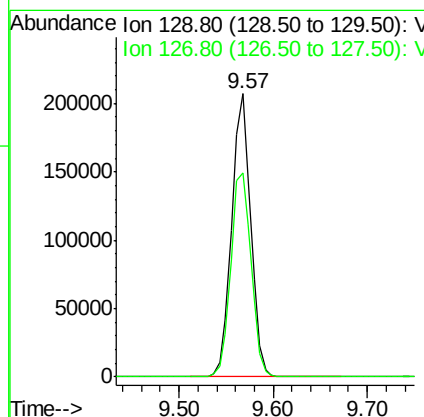
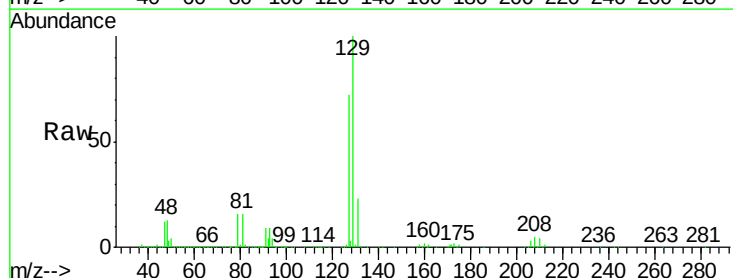
Manual Integrations
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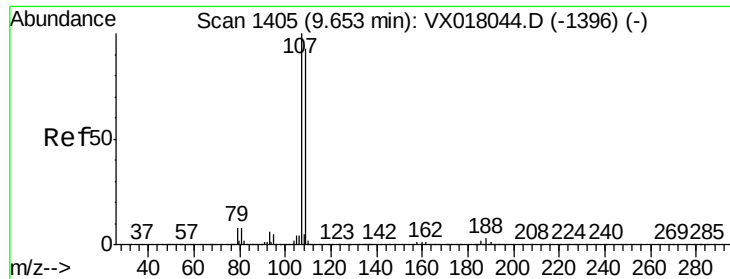
MMDadoda
9/14/2020 12:10:00 PM



#60
Dibromochloromethane
Concen: 55.435 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion: 129 Resp: 291277
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





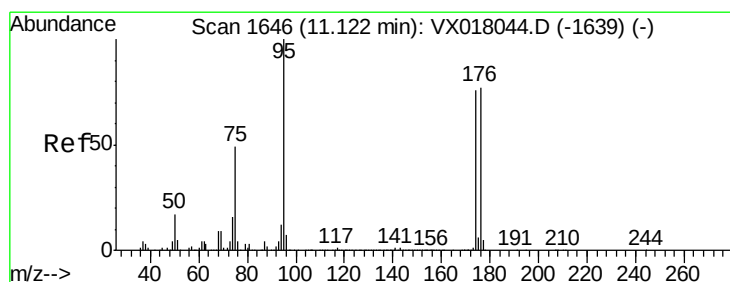
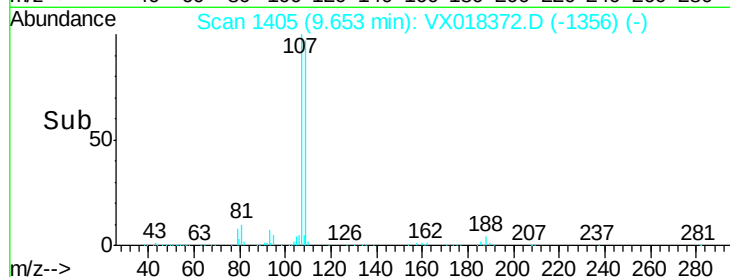
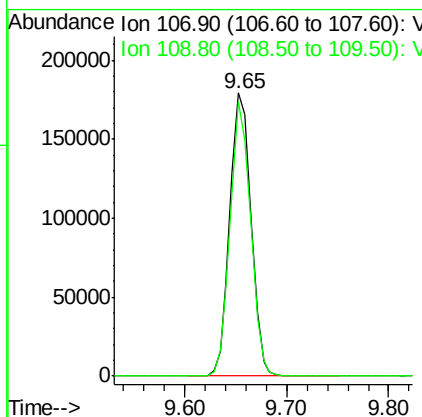
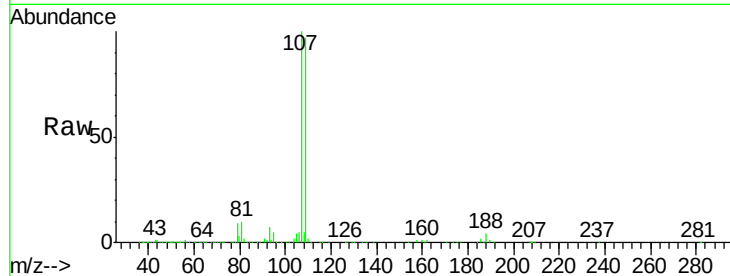
#61
 1,2-Dibromoethane
 Concen: 52.954 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	257502		
109	93.6	75.9	113.9	

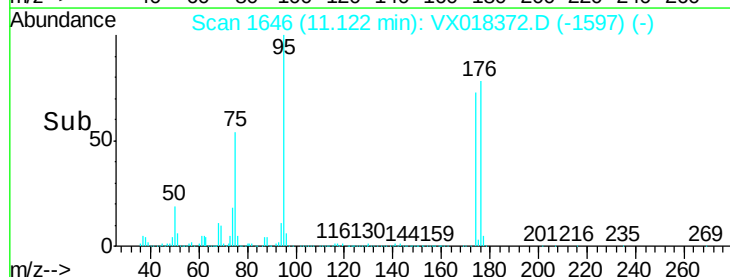
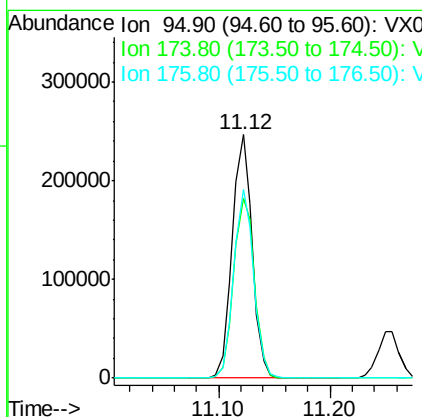
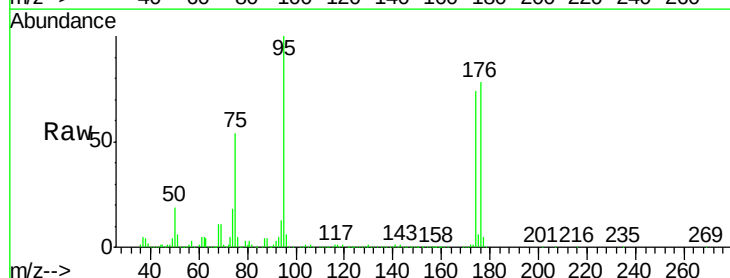
Manual Integrations
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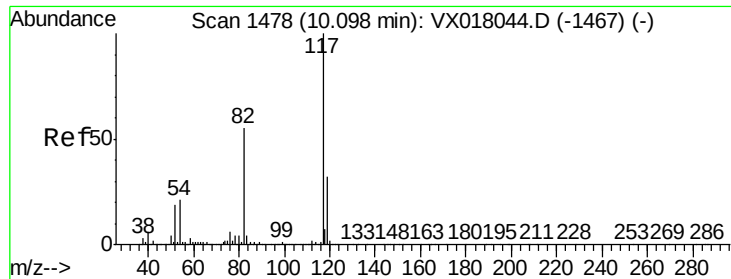
MMDadoda
 9/14/2020 12:10:00 PM



#62
 4-Bromofluorobenzene
 Concen: 49.862 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	304098		
174	77.5	0.0	160.2	
176	77.7	0.0	155.8	





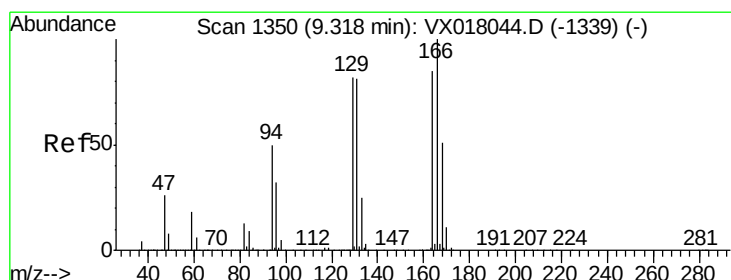
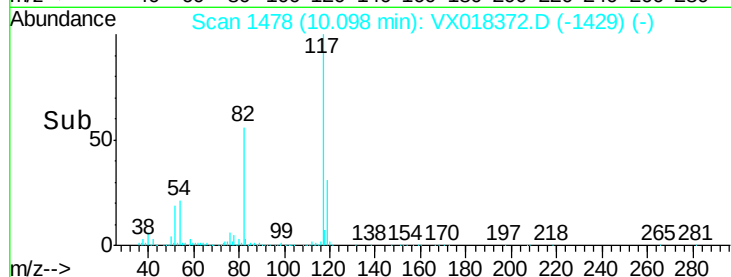
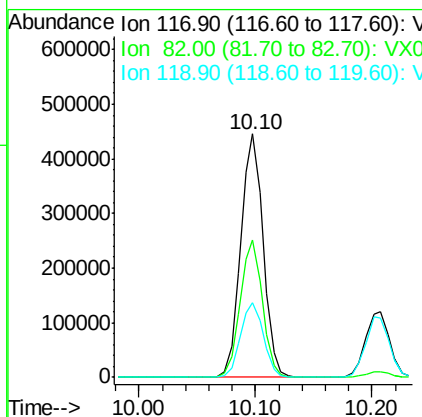
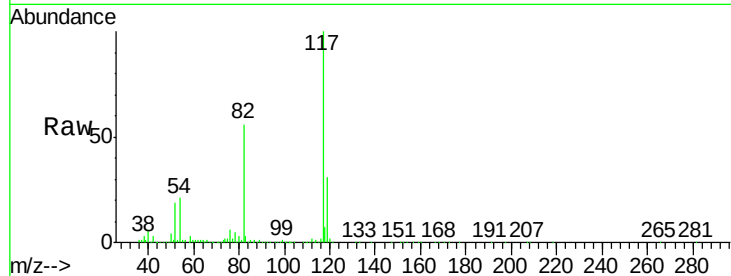
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	597789		
82	56.2		44.2	66.2
119	30.9		25.7	38.5

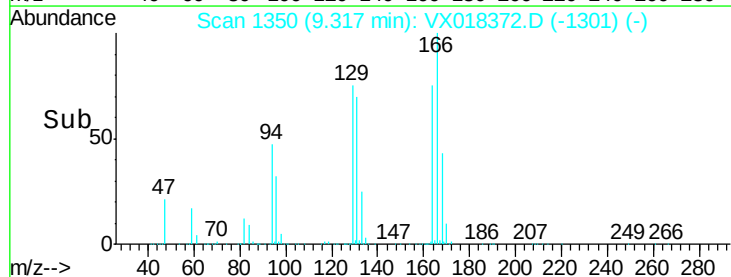
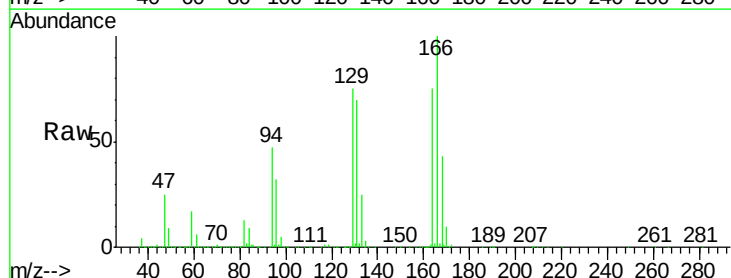
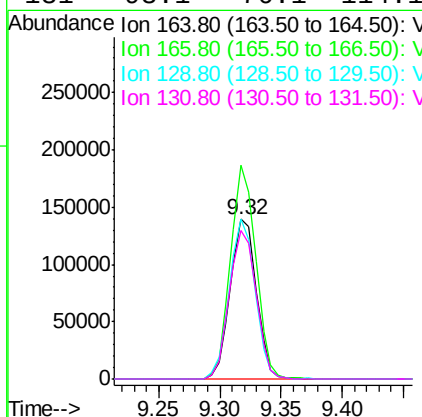
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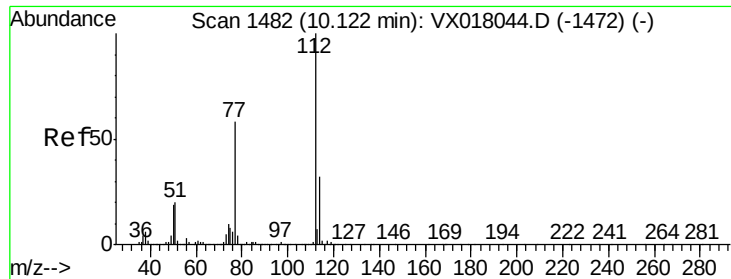
MMDadoda
9/14/2020 12:10:00 PM



#64
Tetrachloroethene
Concen: 46.822 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205685		
166	133.5		94.2	141.2
129	100.0		76.9	115.3
131	93.1		76.1	114.1





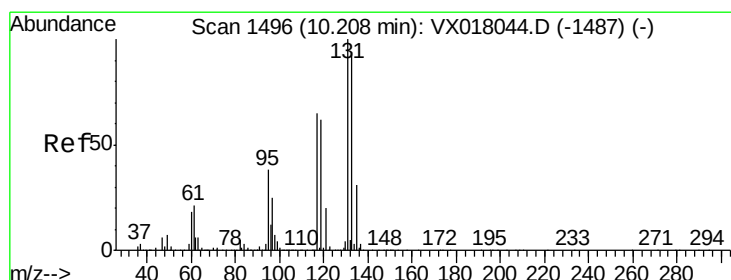
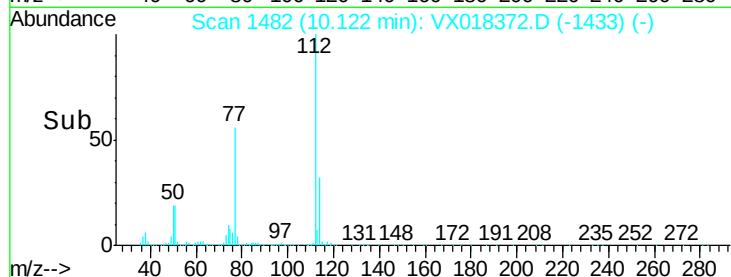
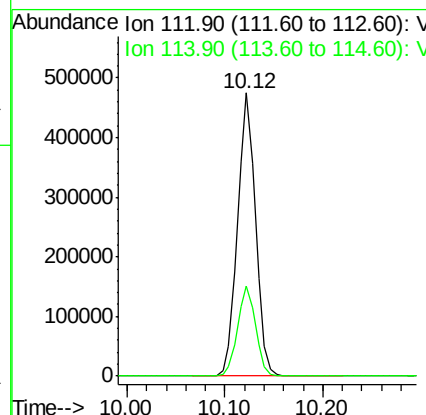
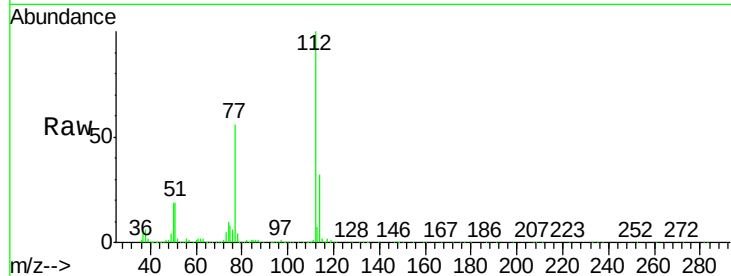
#65
Chlorobenzene
Concen: 51.004 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.7	38.5

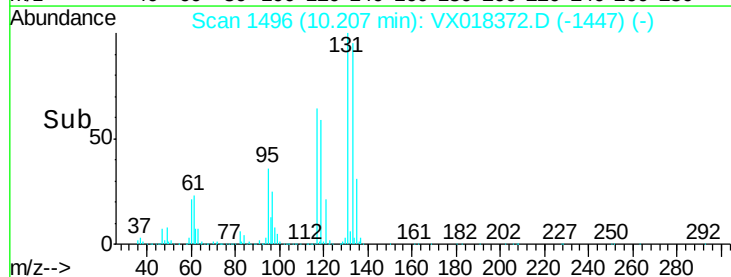
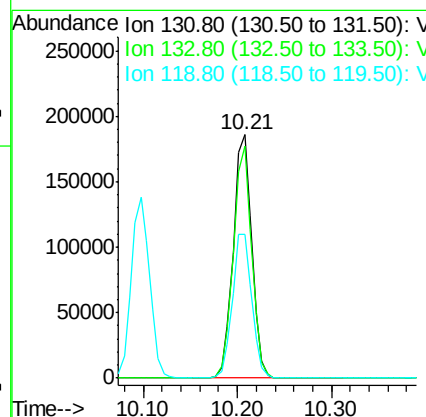
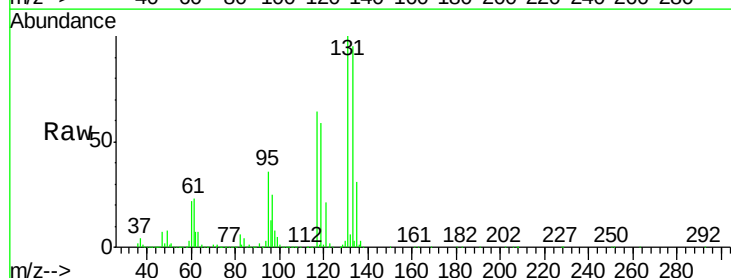
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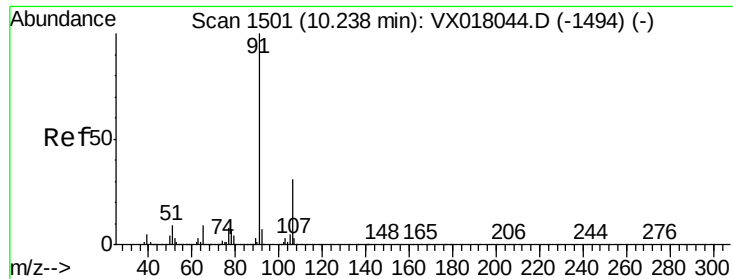
MMDadoda
9/14/2020 12:10:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.059 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	46.7	140.1
119	61.8	31.8	95.4





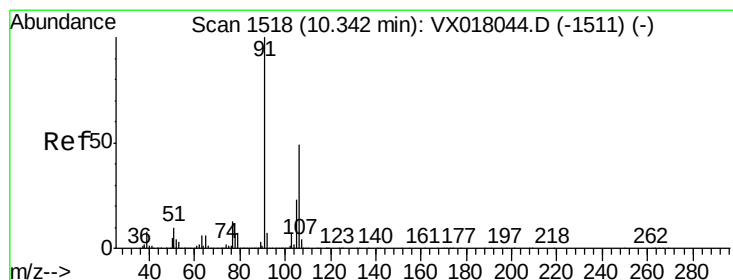
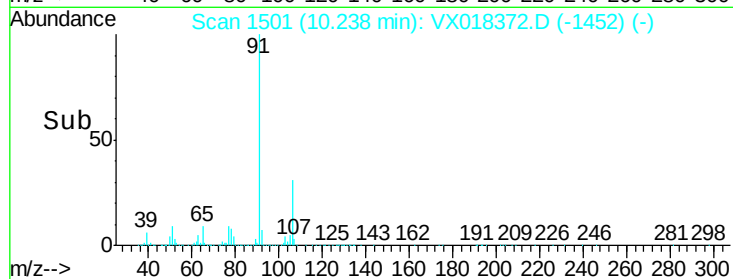
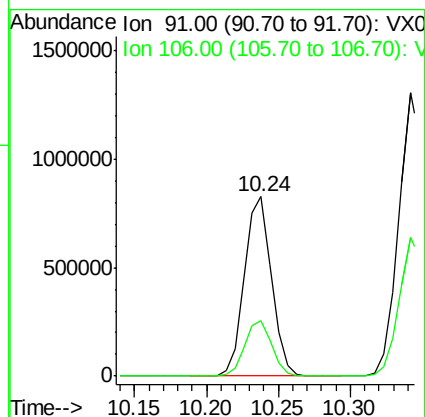
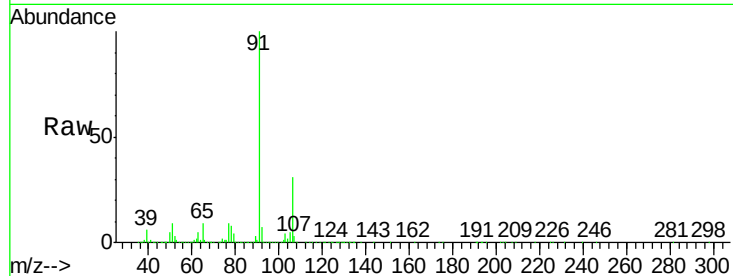
#67
Ethyl Benzene
Concen: 52.866 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 1073370
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

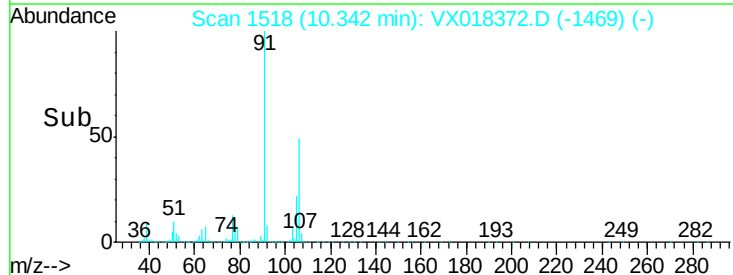
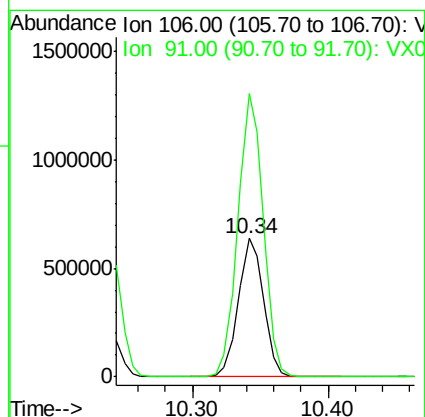
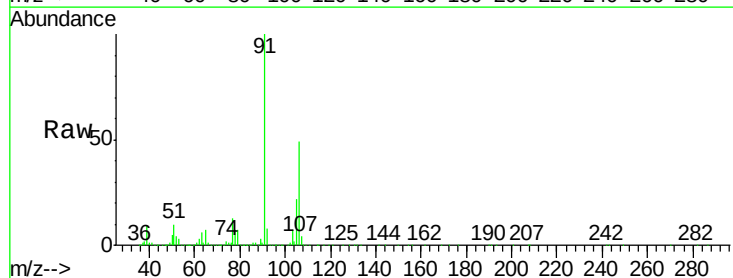
Manual Integrations
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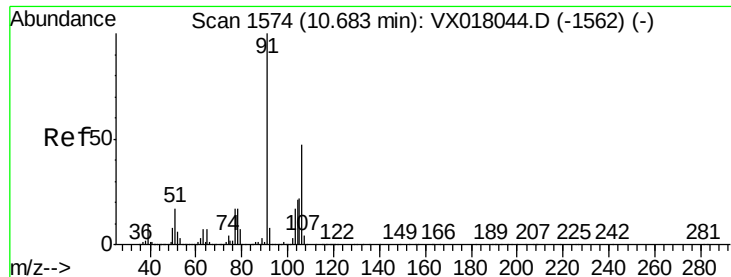
MMDadoda
9/14/2020 12:10:00 PM



#68
m/p-Xylenes
Concen: 108.369 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion: 106 Resp: 821248
Ion Ratio Lower Upper
106 100
91 206.0 162.2 243.2





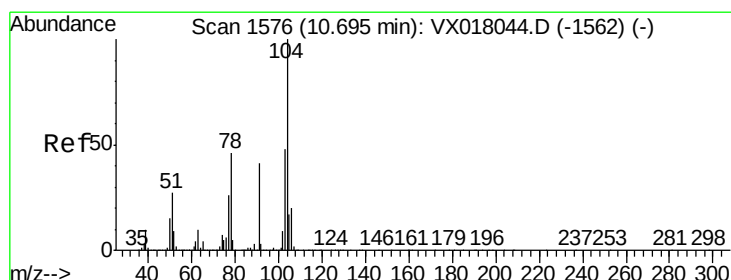
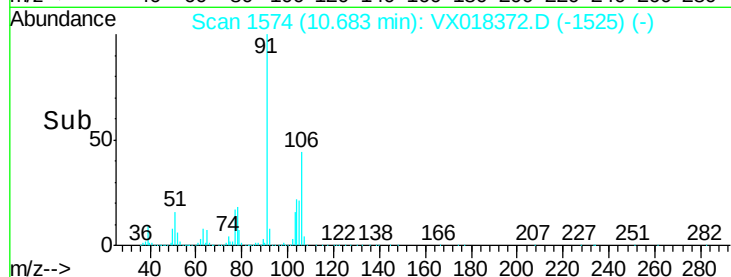
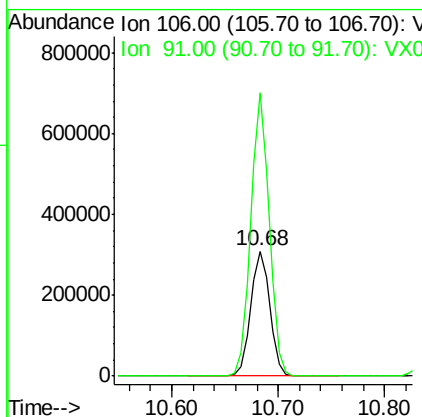
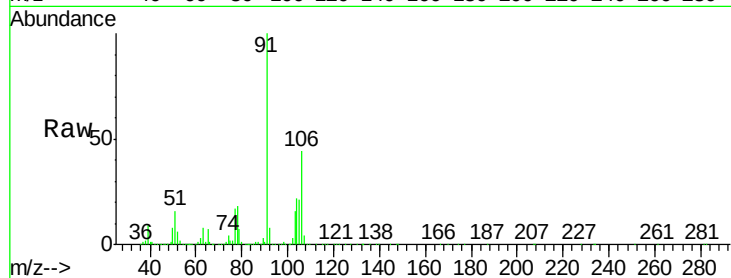
#69
o-Xylene
Concen: 53.228 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.7	107.1	321.3

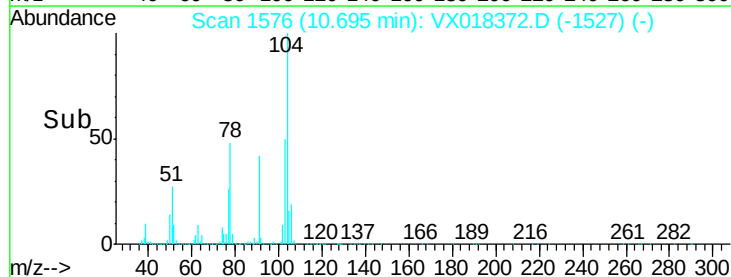
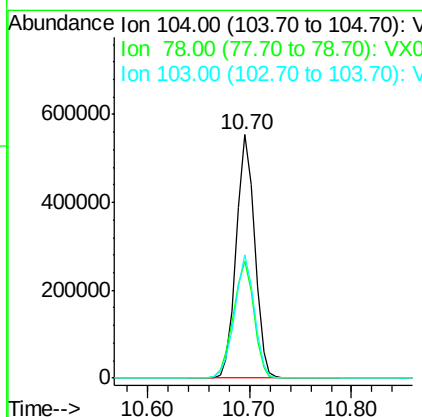
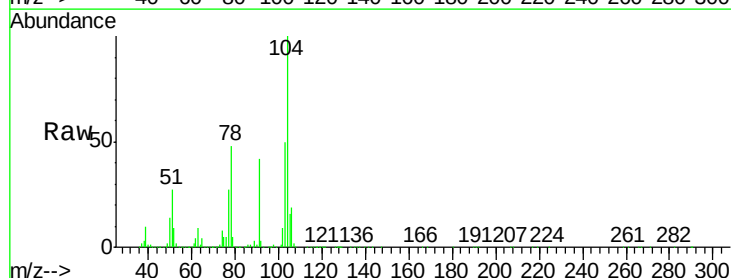
Manual Integrations
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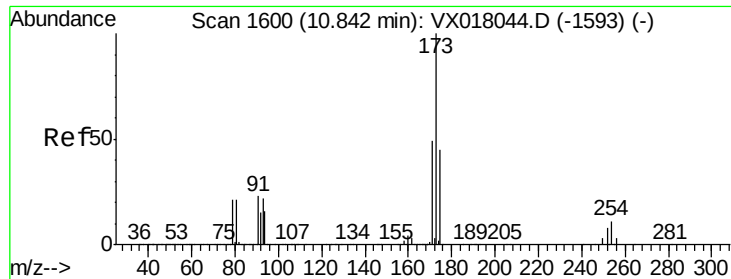
MMDadoda
9/14/2020 12:10:00 PM



#70
Styrene
Concen: 54.927 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.6	40.9	61.3
103	53.9	43.6	65.4





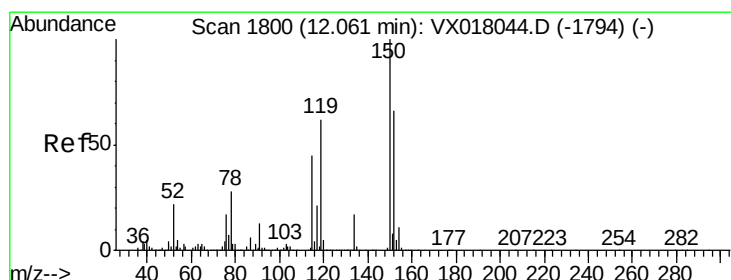
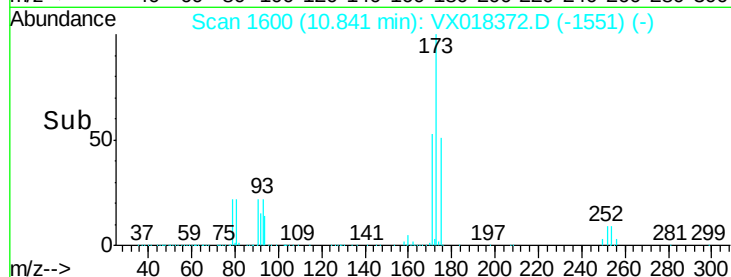
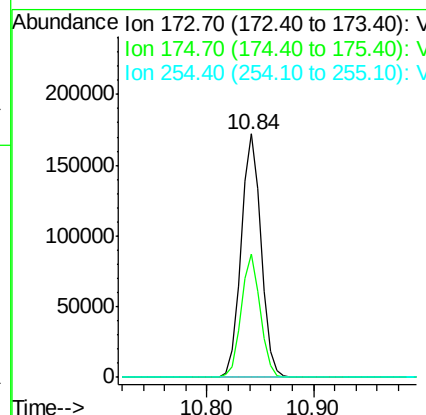
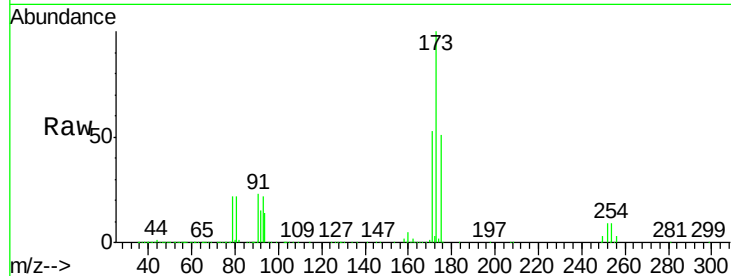
#71
Bromoform
Concen: 56.383 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.8
254	0.1	0.2	0.2#

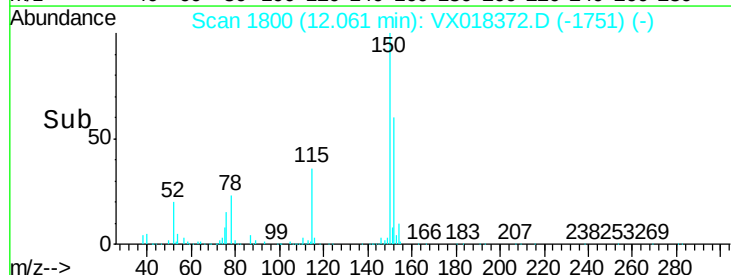
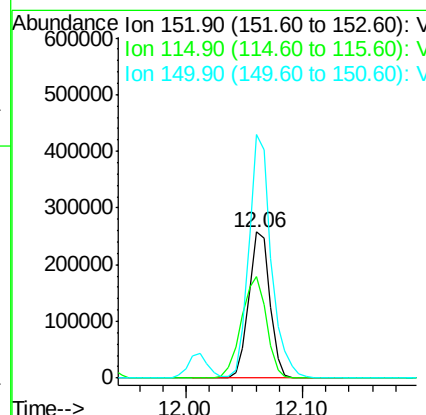
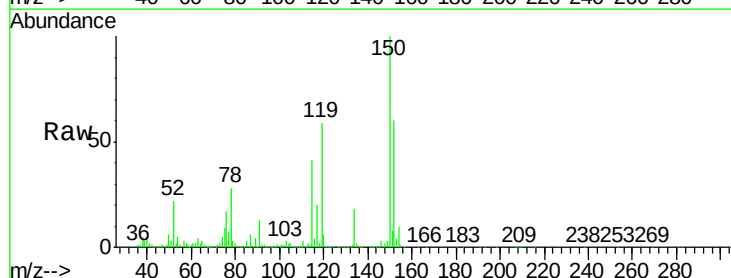
Manual Integrations
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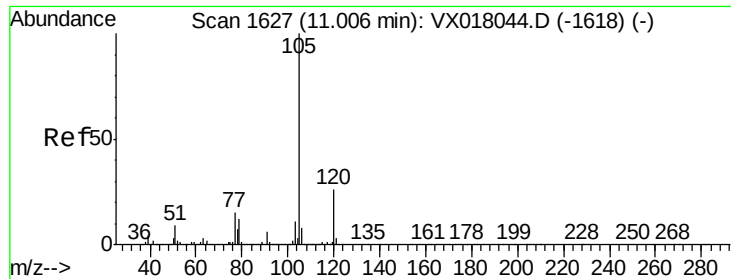
MMDadoda
9/14/2020 12:10:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.2	41.5	124.5
150	176.0	0.0	343.8





#73

Isopropylbenzene

Concen: 50.777 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1094870

Ion Ratio Lower Upper

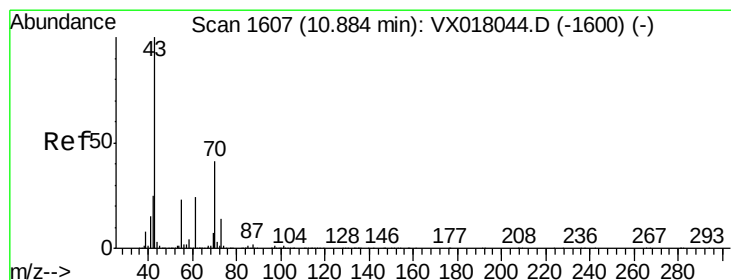
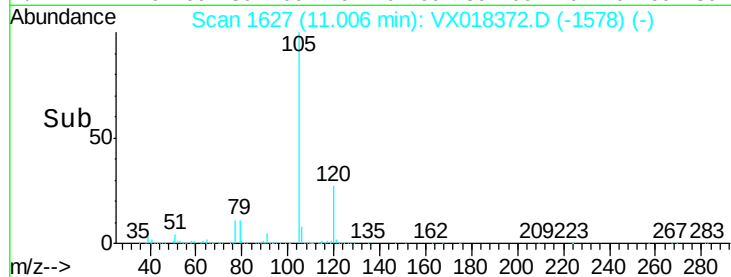
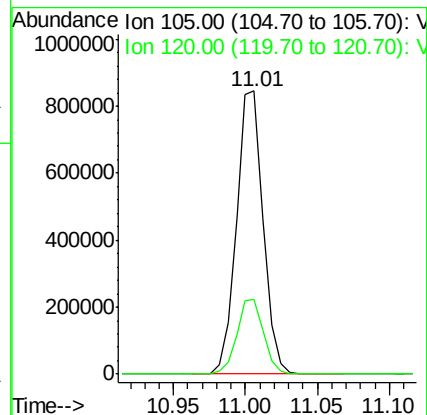
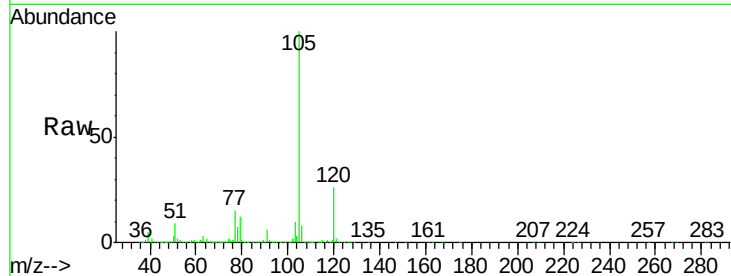
105 100

120 26.4 13.2 39.5

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9/14/2020 12:10:00 PM



#74

N-ethyl acetate

Concen: 49.483 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion: 43 Resp: 506245

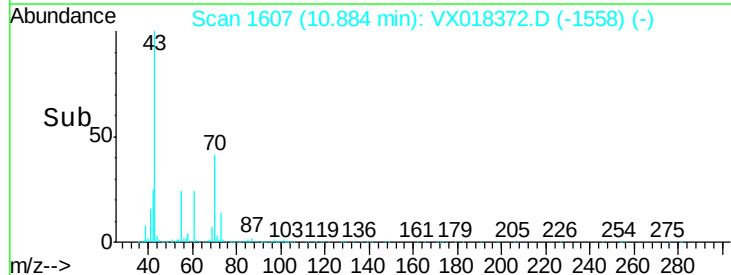
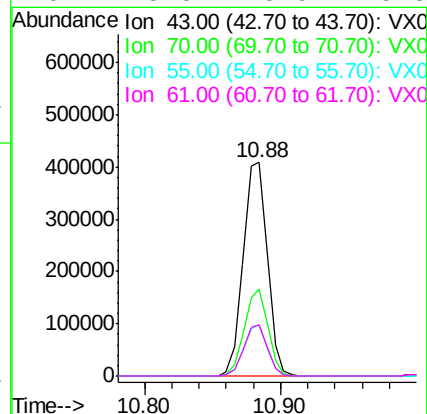
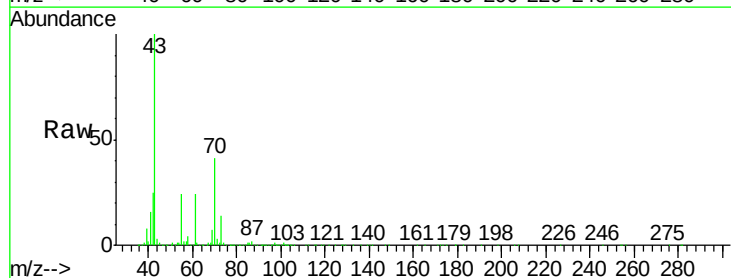
Ion Ratio Lower Upper

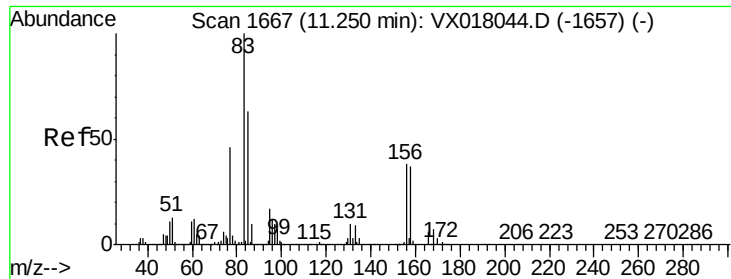
43 100

70 39.5 32.3 48.5

55 23.1 18.2 27.2

61 23.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.590 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

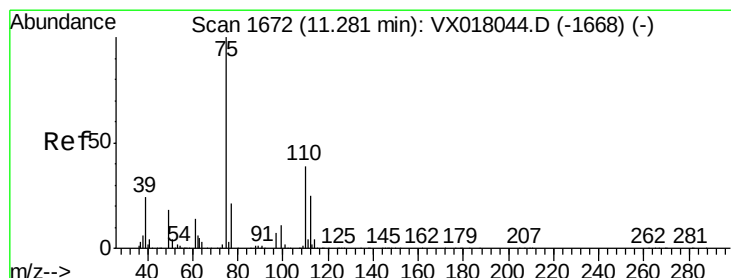
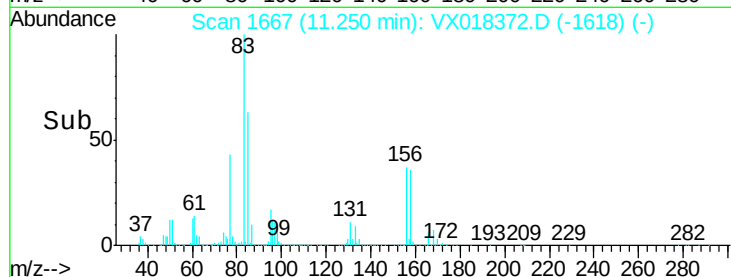
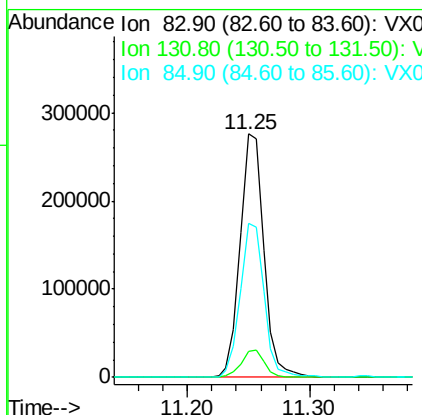
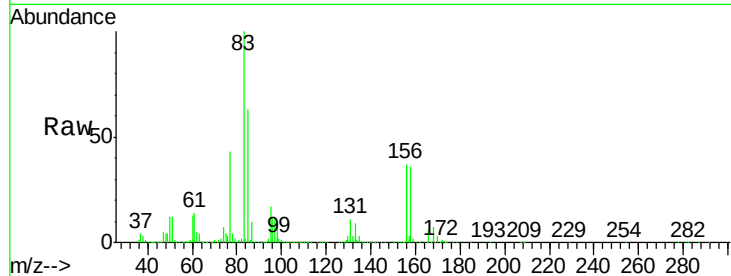
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	369599
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	63.8	32.2	96.6

Manual Integrations
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9/14/2020 12:10:00 PM



#76

1,2,3-Trichloropropane

Concen: 46.877 ug/l m

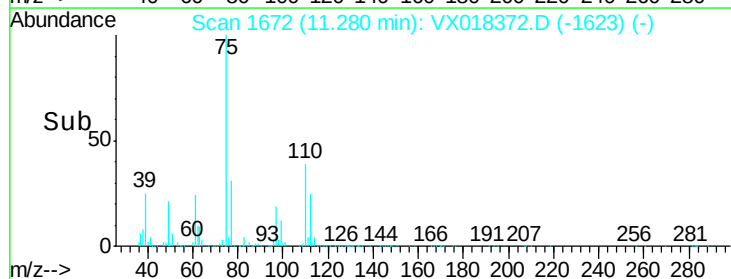
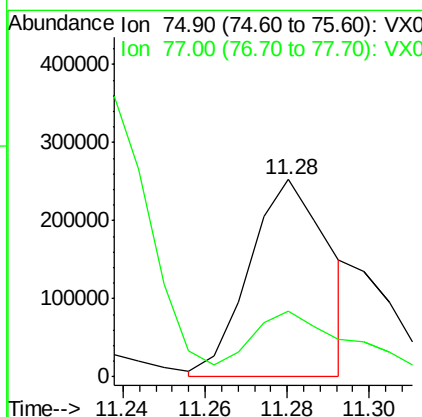
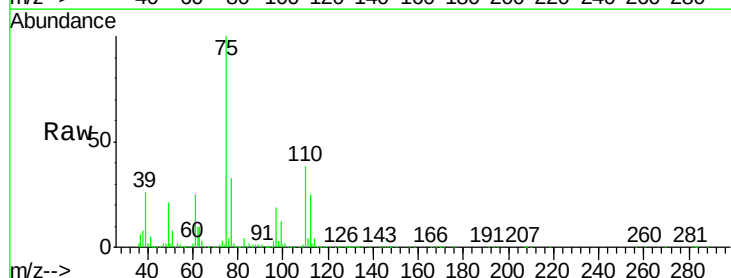
RT: 11.28 min Scan# 1672

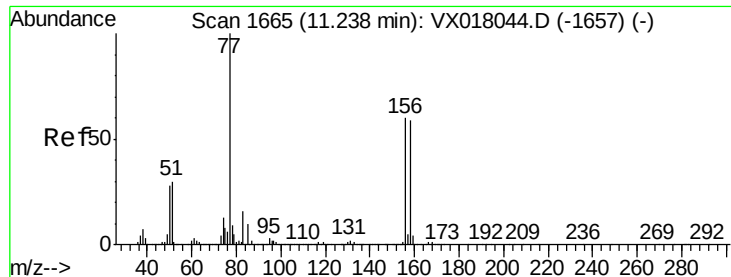
Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	75	Resp:	340889
Ion Ratio	Lower	Upper	
75	100		
77	42.0	20.8	62.2





#77

Bromobenzene

Concen: 49.089 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

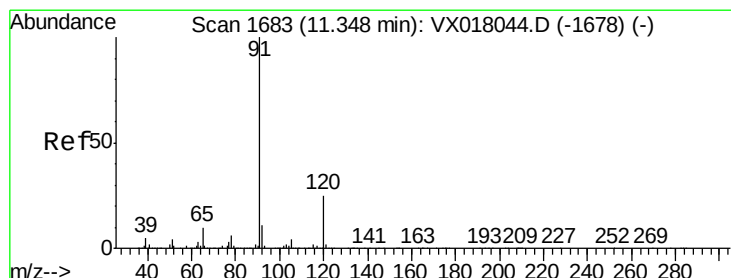
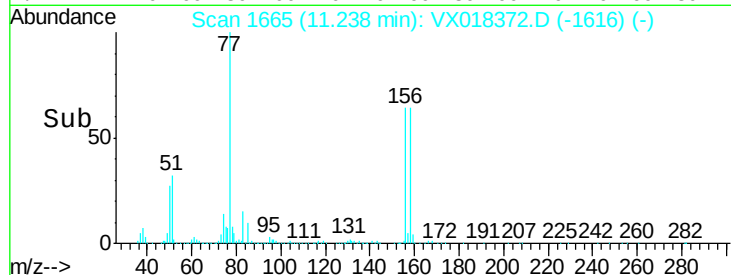
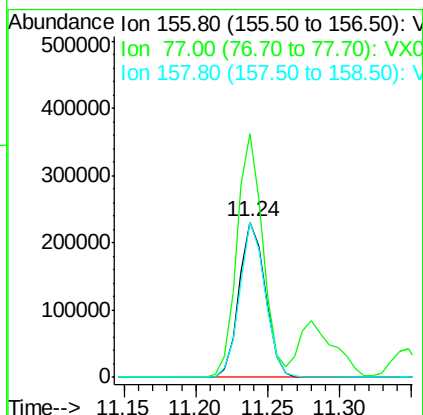
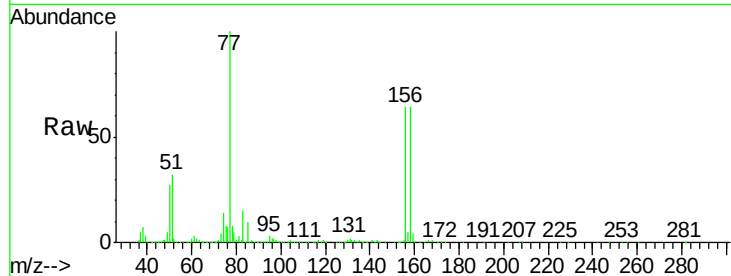
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	292587
Ion Ratio	Lower	Upper	
156	100		
77	155.5	80.0	240.2
158	96.8	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 50.556 ug/l

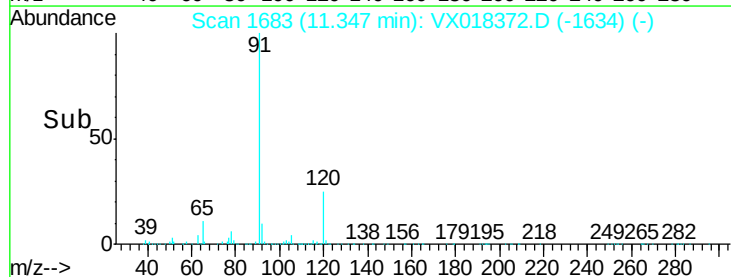
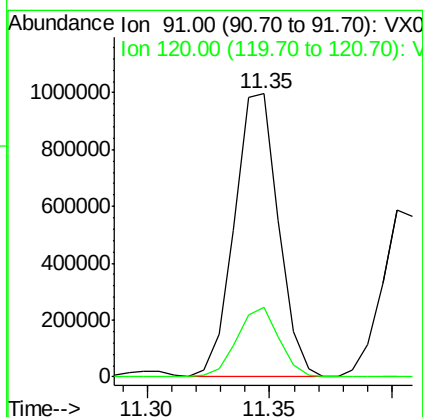
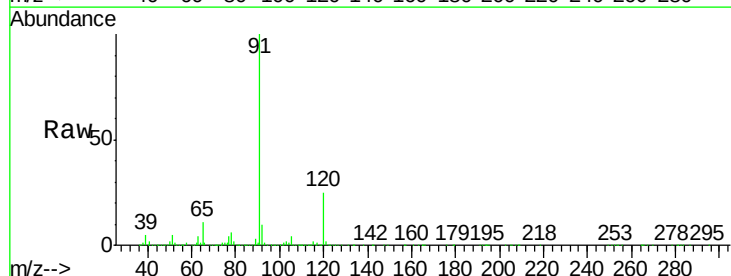
RT: 11.35 min Scan# 1683

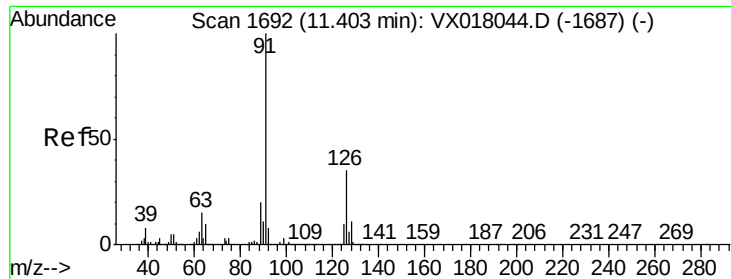
Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	91	Resp:	1237772
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 49.469 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 748278

Ion Ratio Lower Upper

91 100

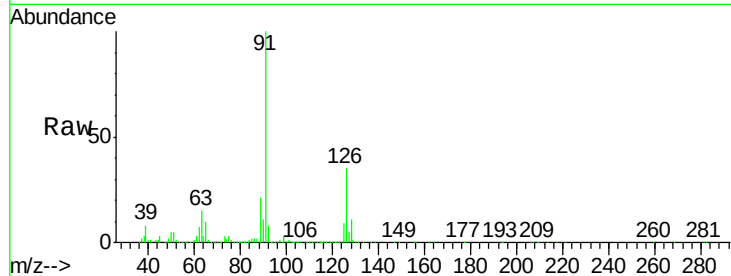
126 35.2 17.4 52.2

Manual Integrations

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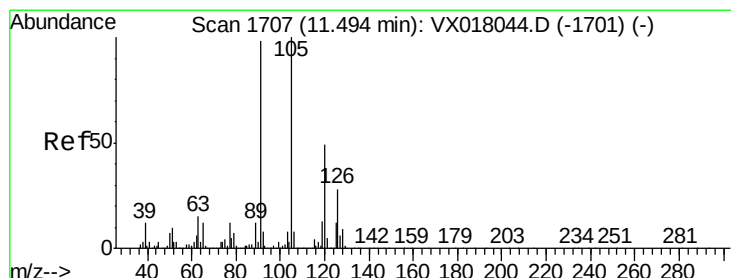
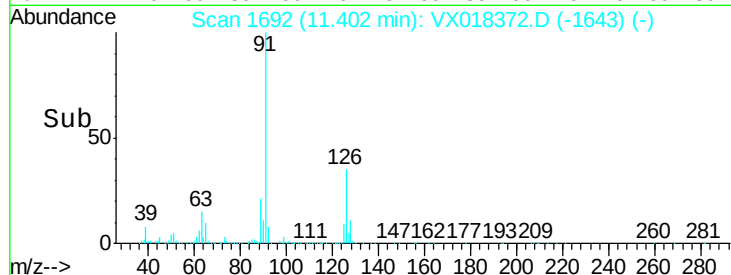
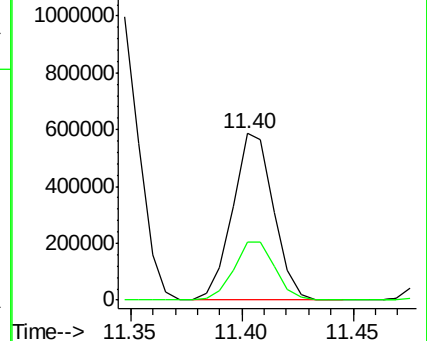
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.335 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018372.D

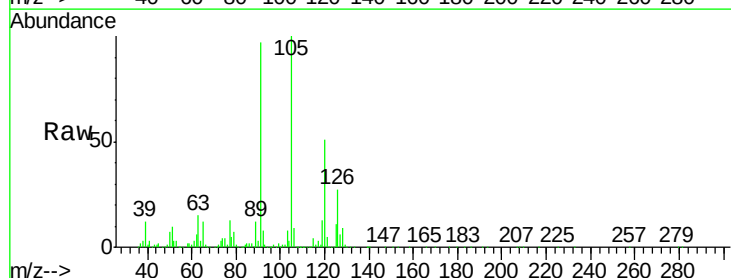
Acq: 11 Sep 2020 19:38

Tgt Ion: 105 Resp: 927321

Ion Ratio Lower Upper

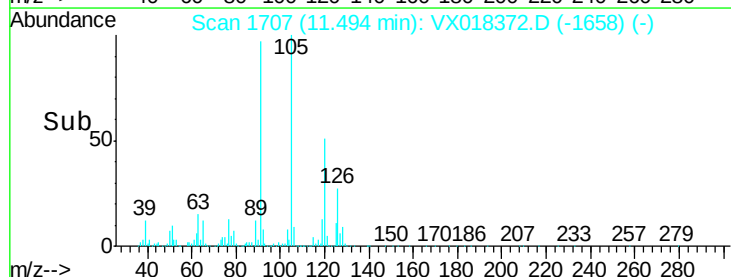
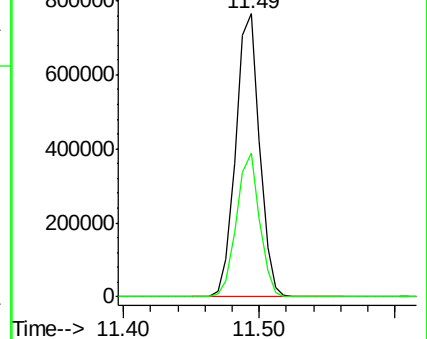
105 100

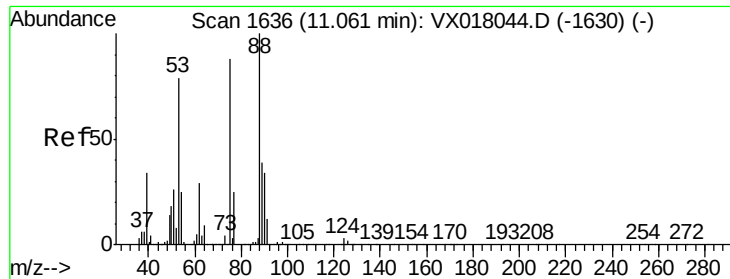
120 49.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





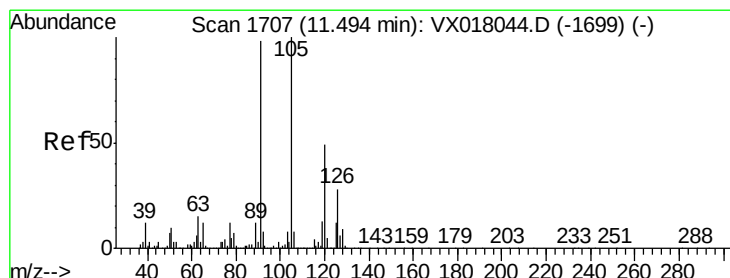
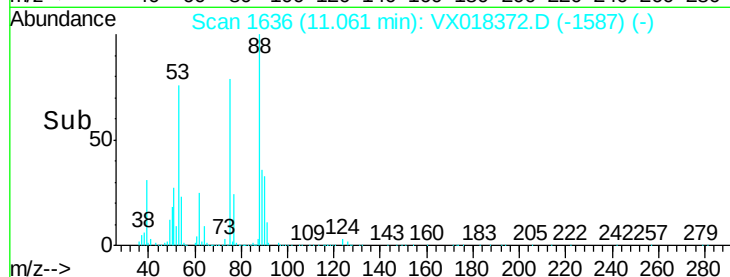
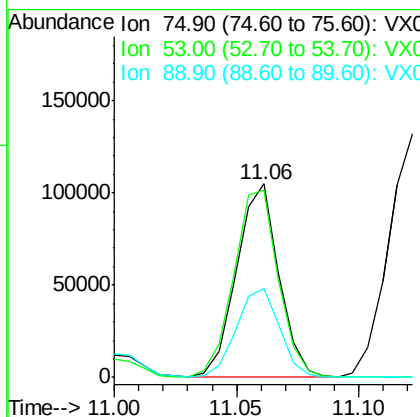
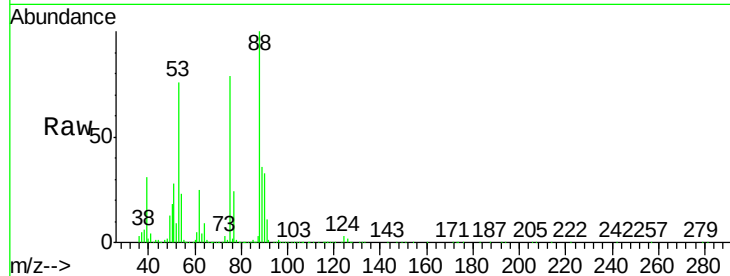
#81
trans-1,4-Dichloro-2-butene
Concen: 46.241 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.6	74.7	112.1
89	47.8	36.6	54.8

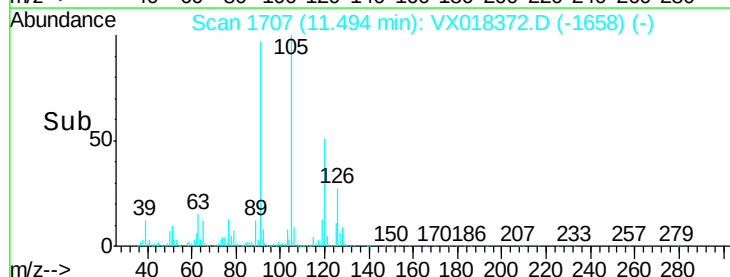
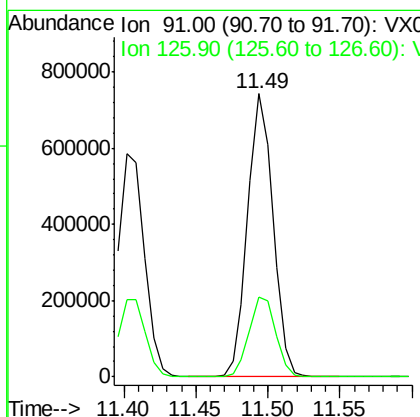
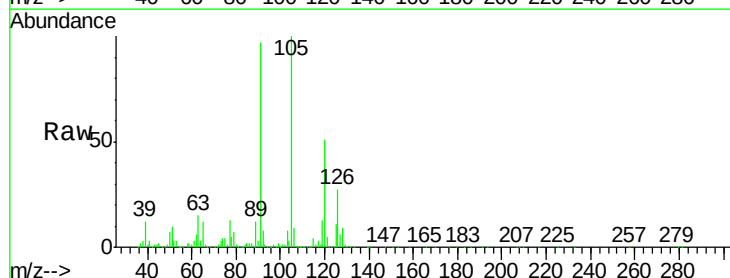
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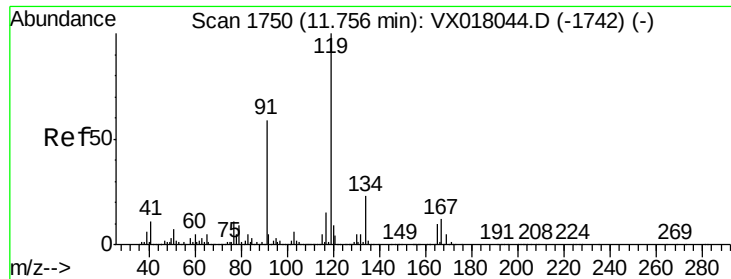
MMDadoda
9/14/2020 12:10:00 PM



#82
4-Chlorotoluene
Concen: 50.479 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	15.1	45.3





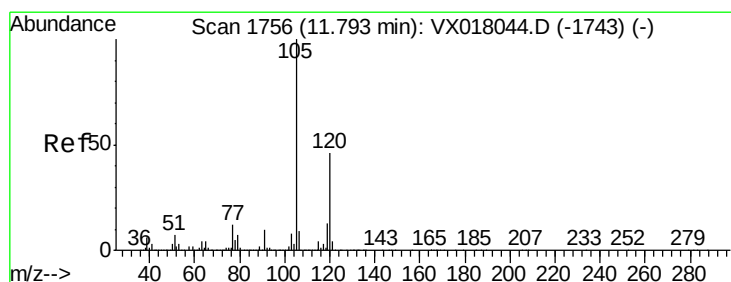
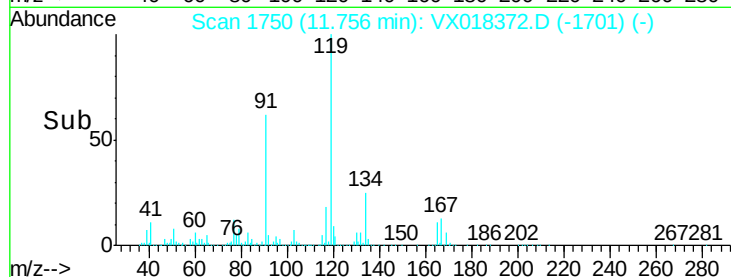
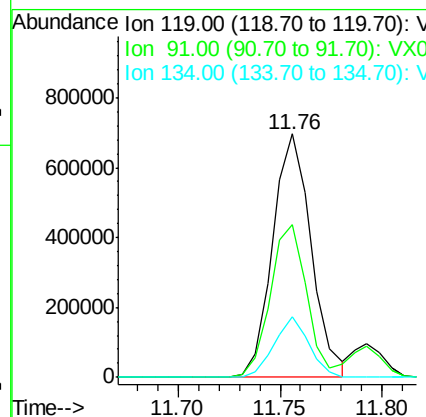
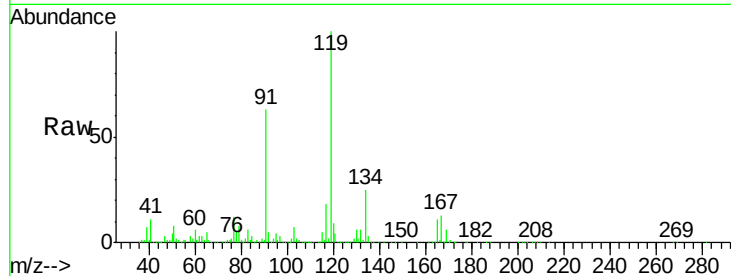
#83
 tert-Butylbenzene
 Concen: 52.533 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	918617		
91	58.7	28.2	84.7	
134	22.7	11.3	33.8	

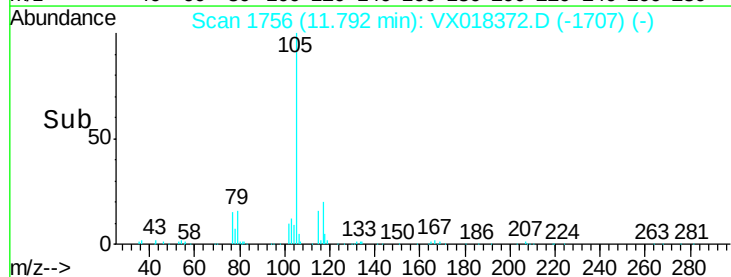
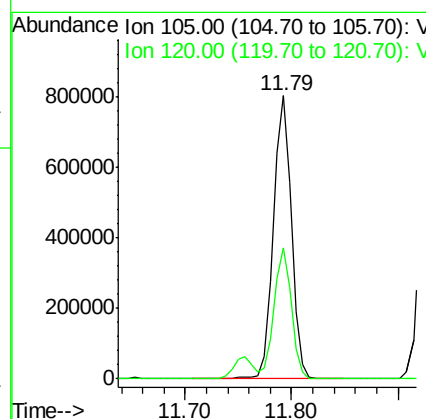
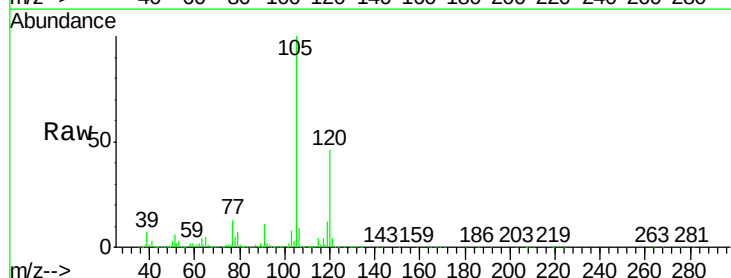
Manual Integrations
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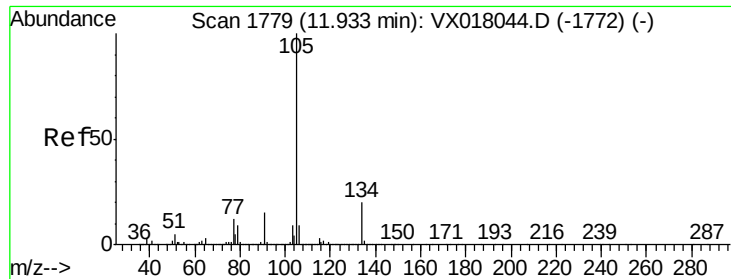
MMDadoda
 9/14/2020 12:10:00 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.657 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	953928		
120	44.7	22.3	66.9	





#85

sec-Butylbenzene

Concen: 52.515 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1044276

Ion Ratio Lower Upper

105 100

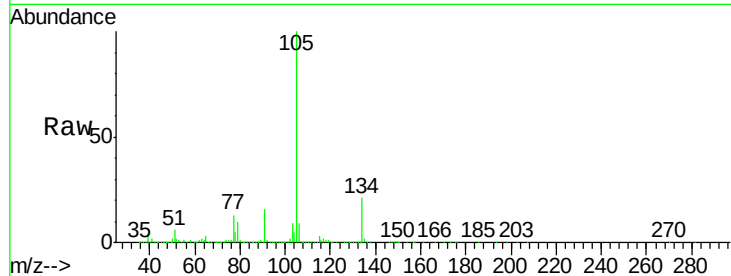
134 20.5 10.1 30.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

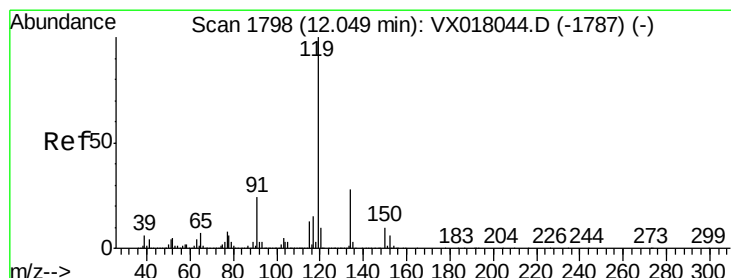
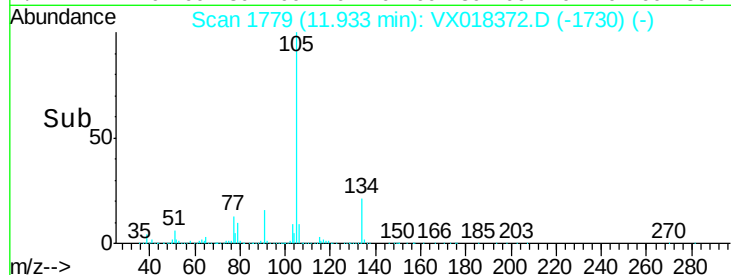
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 53.856 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

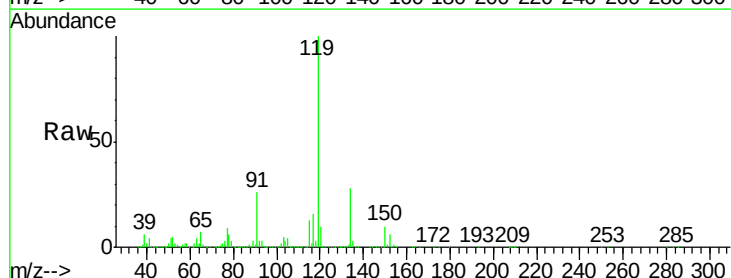
Tgt Ion:119 Resp: 983735

Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 25.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

1000000

800000

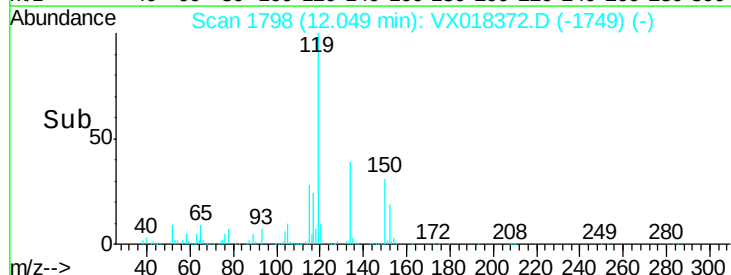
600000

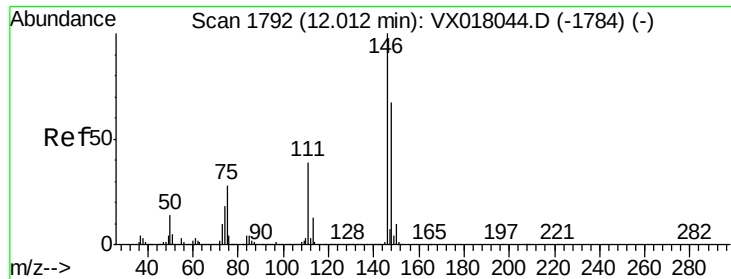
400000

200000

0

Time--> 11.90 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 49.932 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Instrument :

MSVOA_X

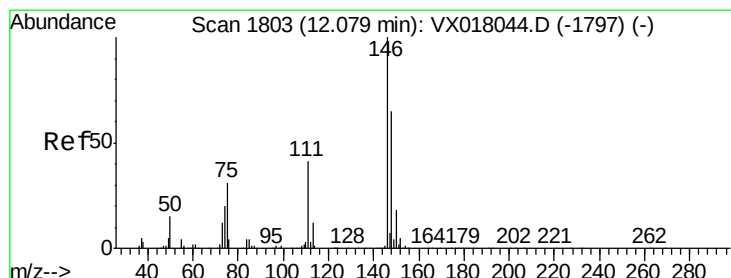
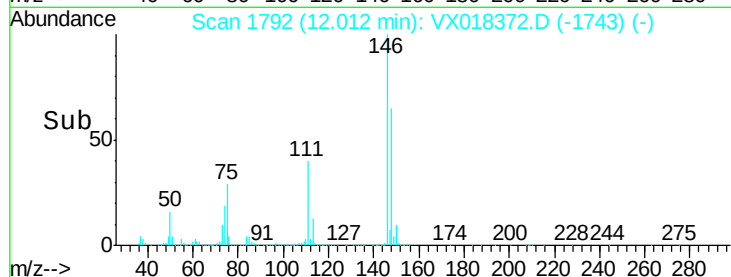
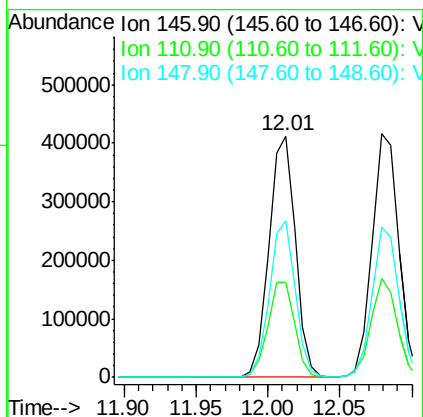
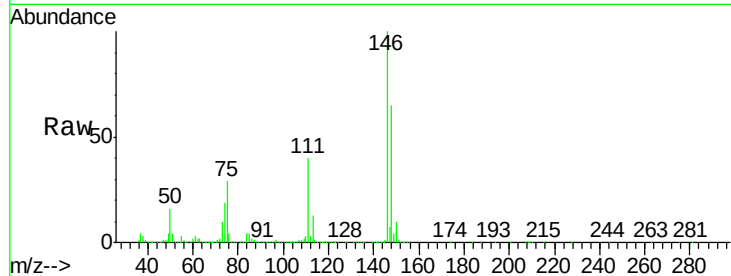
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	522516
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.6	61.8
148	63.6	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.051 ug/l

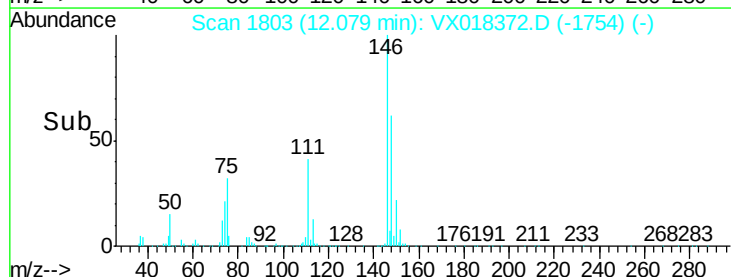
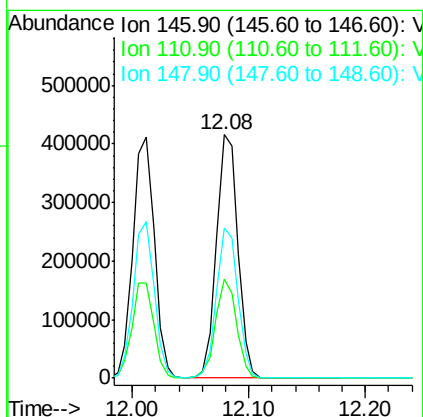
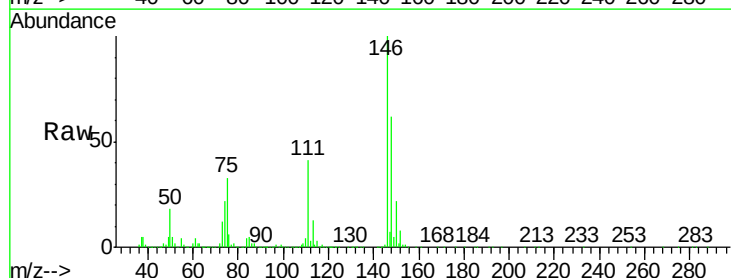
RT: 12.08 min Scan# 1803

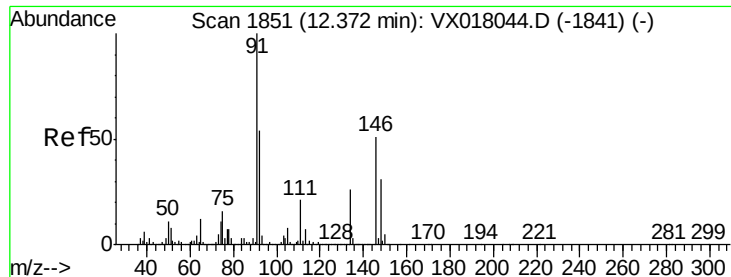
Delta R.T. -0.00 min

Lab File: VX018372.D

Acq: 11 Sep 2020 19:38

Tgt Ion:	146	Resp:	524432
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.3	60.8
148	61.4	33.1	99.2





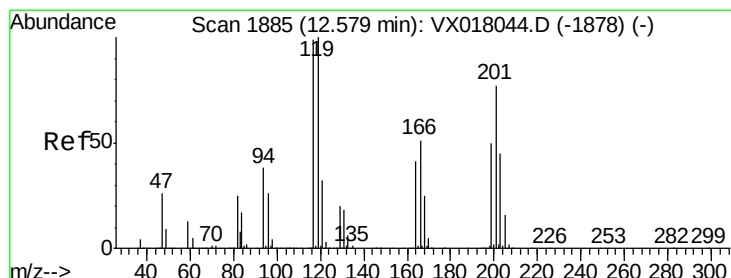
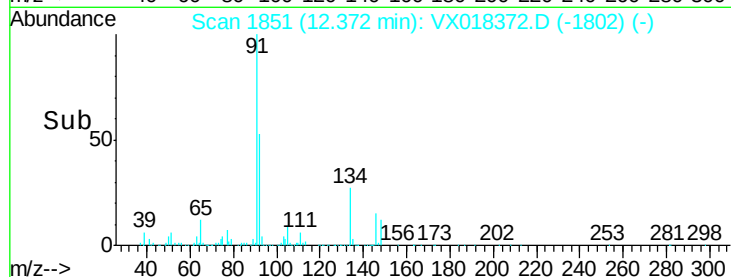
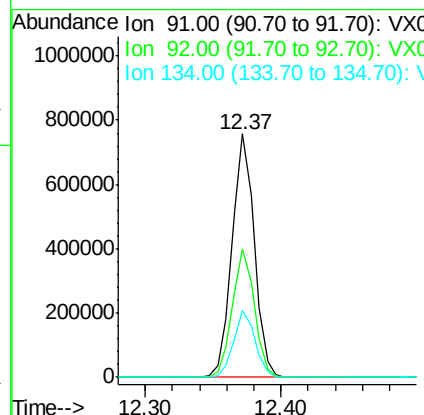
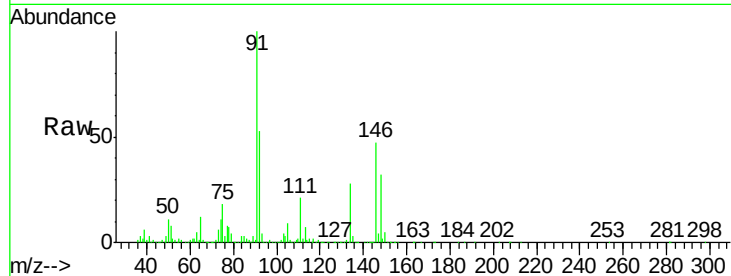
#89
n-Butylbenzene
Concen: 51.484 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	858329		
92	52.3		26.4	79.2
134	26.8		12.9	38.7

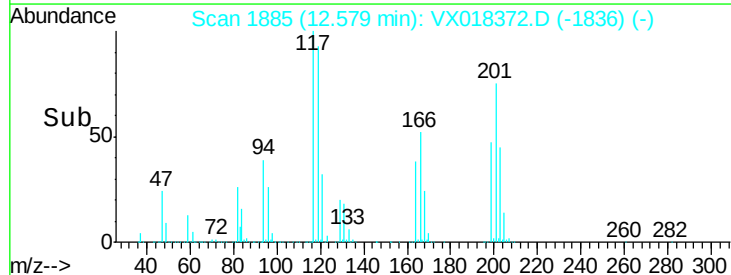
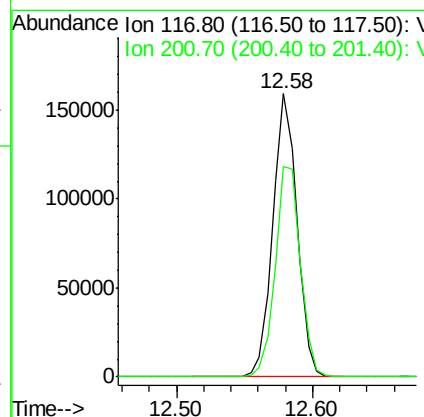
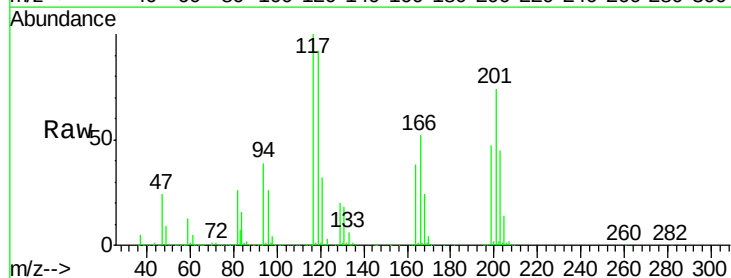
Manual Integrations
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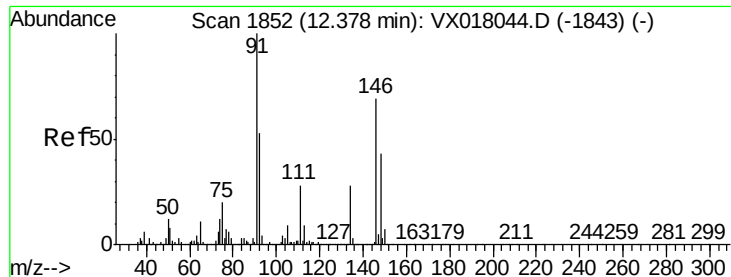
MMDadoda
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#90
Hexachloroethane
Concen: 55.306 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	198758		
201	77.2		38.5	115.3





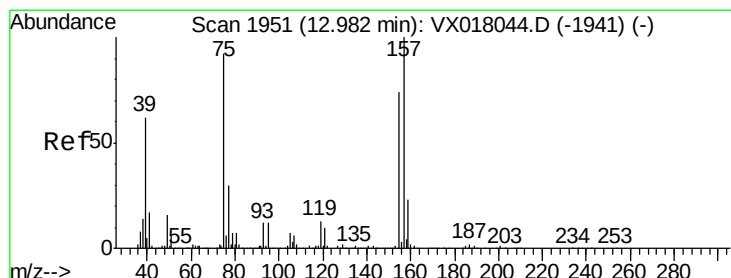
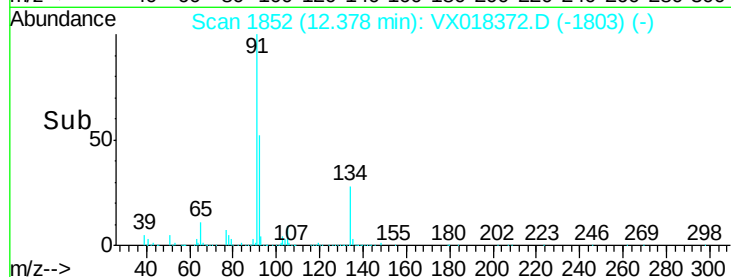
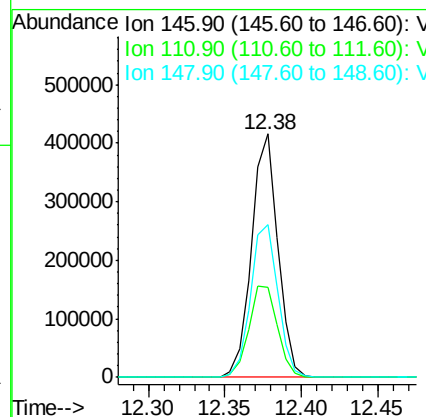
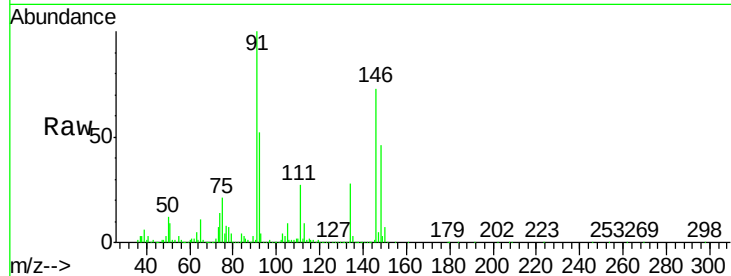
#91
 1,2-Dichlorobenzene
 Concen: 50.381 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	496282		
111	41.0	20.8	62.5	
148	65.4	31.6	95.0	

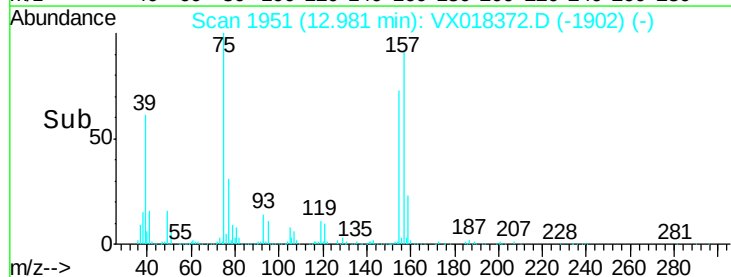
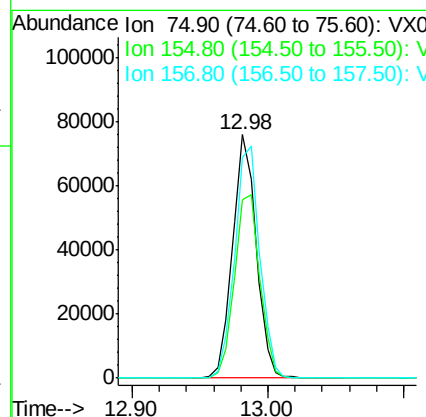
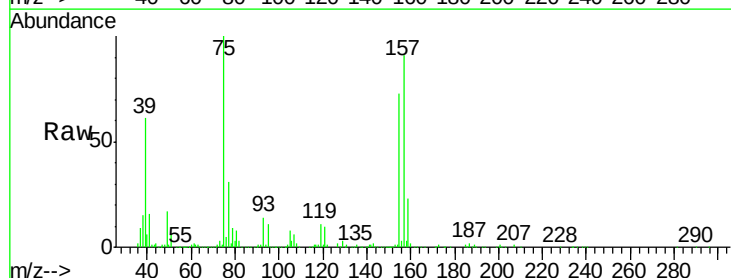
Manual Integrations
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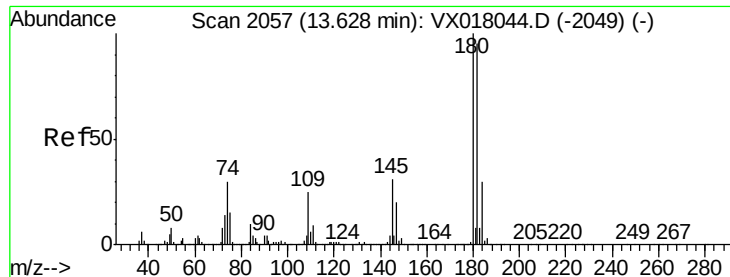
MMDadoda
 9/14/2020 12:10:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.153 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	91583		
155	81.2	40.2	120.6	
157	101.4	55.0	165.2	





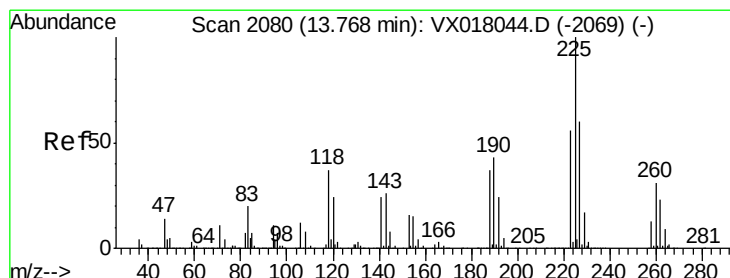
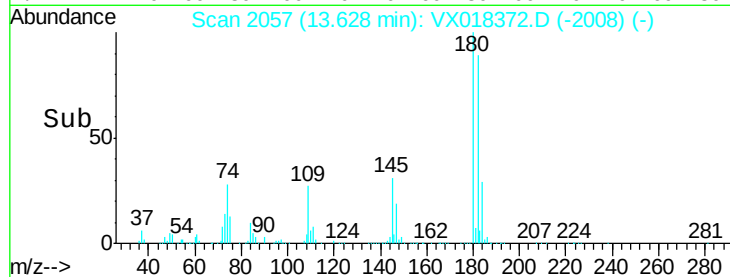
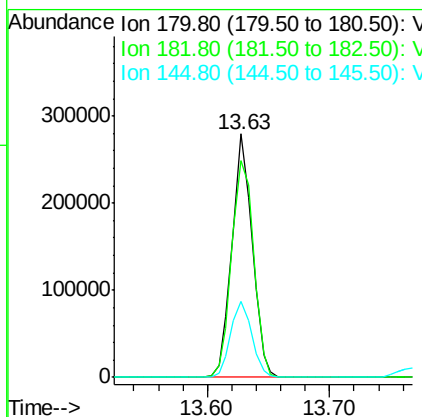
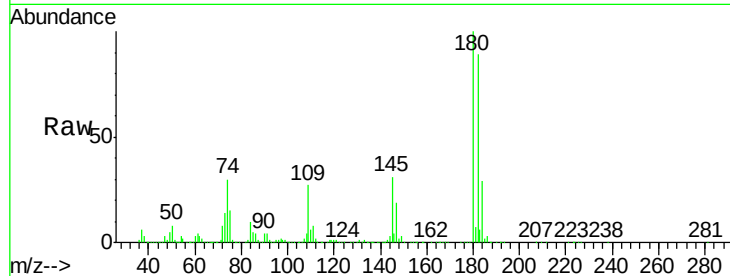
#93
 1,2,4-Trichlorobenzene
 Concen: 48.700 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	319891		
182	96.7	47.5	142.6	
145	32.4	15.7	47.1	

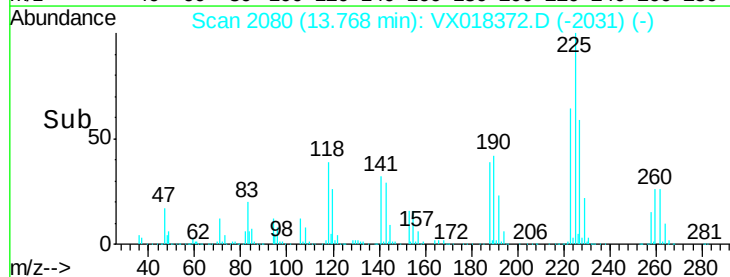
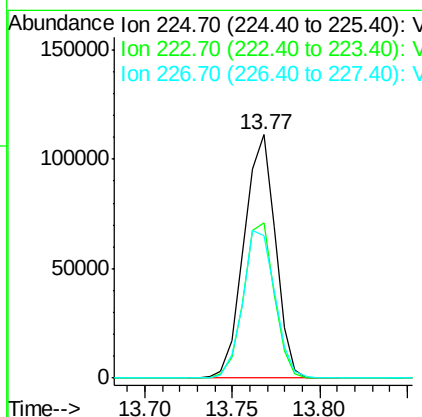
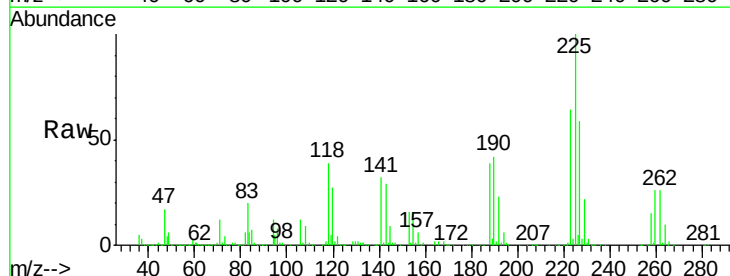
Manual Integrations
 APPROVED

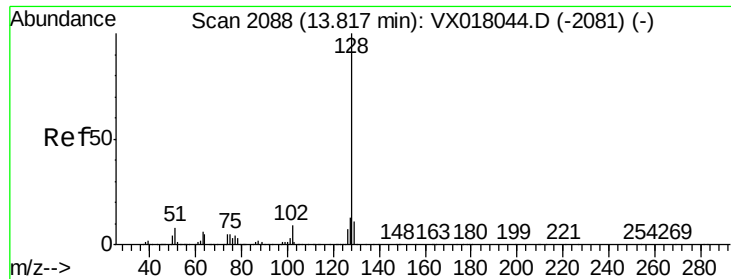
MMDadoda
 9/14/2020 12:10:00 PM



#94
 Hexachlorobutadiene
 Concen: 53.719 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018372.D
 Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139181		
223	62.2	30.7	92.1	
227	62.0	32.6	97.8	





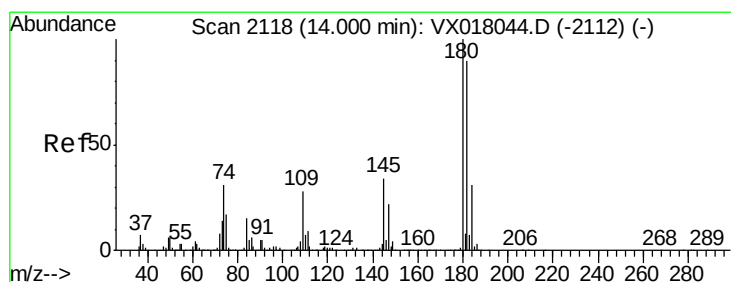
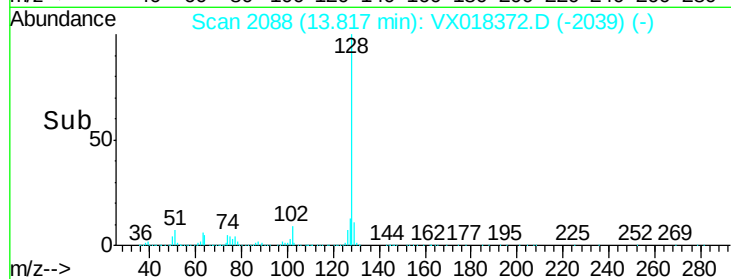
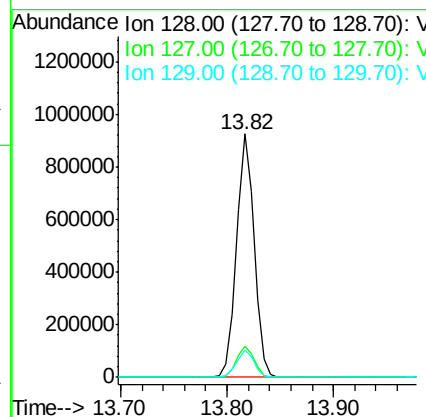
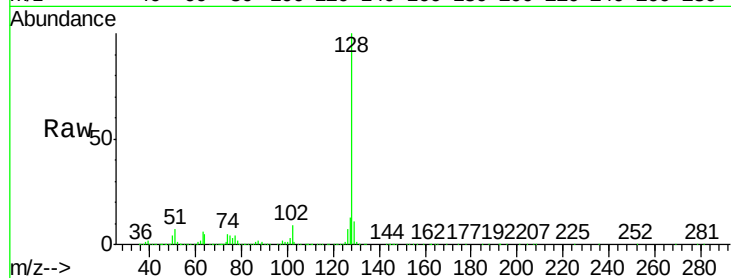
#95
Naphthalene
Concen: 50.025 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.720 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018372.D
Acq: 11 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	142.0
145	34.2	17.5	52.6

