

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072920\
 Data File : VX017672.D
 Acq On : 29 Jul 2020 17:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:08:31 PM

Quant Time: Jul 30 05:06:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	600259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	890180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	843966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	449268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	373780	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.46	113	293321	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.70	98	1057199	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.12	95	416339	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	268875	48.245	ug/l	98
3) Chloromethane	1.31	50	313018	42.244	ug/l	98
4) Vinyl Chloride	1.39	62	317833	42.077	ug/l	100
5) Bromomethane	1.62	94	192574	47.266	ug/l	99
6) Chloroethane	1.71	64	194749	46.706	ug/l	99
7) Trichlorofluoromethane	1.92	101	529410	44.560	ug/l	99
8) Diethyl Ether	2.17	74	177685	46.022	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	285446	43.781	ug/l	98
10) Methyl Iodide	2.49	142	356705	42.765	ug/l	97
11) Tert butyl alcohol	3.01	59	323371	198.989	ug/l	100
12) 1,1-Dichloroethene	2.36	96	272947	44.023	ug/l	99
13) Acrolein	2.27	56	296690	239.307	ug/l	100
14) Allyl chloride	2.70	41	510292	45.075	ug/l	97
15) Acrylonitrile	3.11	53	764732	217.875	ug/l	99
16) Acetone	2.42	43	689680	203.223	ug/l	98
17) Carbon Disulfide	2.55	76	751505	39.878	ug/l	99
18) Methyl Acetate	2.75	43	352423	44.093	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	955828	44.541	ug/l	100
20) Methylene Chloride	2.83	84	304813	47.629	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	299900	45.152	ug/l	99
22) Diisopropyl ether	3.82	45	970670	46.892	ug/l	99
23) Vinyl Acetate	3.78	43	4278938	231.835	ug/l	100
24) 1,1-Dichloroethane	3.67	63	541001	45.369	ug/l	99
25) 2-Butanone	4.63	43	1072071	222.370	ug/l	96
26) 2,2-Dichloropropane	4.55	77	517302	48.463	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	335740	46.538	ug/l	99
28) Bromochloromethane	4.98	49	236518	43.770	ug/l	99
29) Tetrahydrofuran	5.08	42	677257	226.787	ug/l	99
30) Chloroform	5.17	83	577951	47.434	ug/l	99
31) Cyclohexane	5.54	56	459164	48.287	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	541403	47.122	ug/l	100
36) 1,1-Dichloropropene	5.76	75	417376	48.887	ug/l	100
37) Ethyl Acetate	4.79	43	419341	44.890	ug/l	100
38) Carbon Tetrachloride	5.75	117	503499	48.564	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	478546	48.015	ug/l	99
40) Benzene	6.11	78	1190506	48.638	ug/l	99
41) Methacrylonitrile	5.00	41	234505	43.796	ug/l	98
42) 1,2-Dichloroethane	6.16	62	483143	48.248	ug/l	99
43) Isopropyl Acetate	6.41	43	704652	45.718	ug/l	100
44) Trichloroethene	7.18	130	362002	50.607	ug/l	95
45) 1,2-Dichloropropane	7.49	63	319702	47.116	ug/l	97
46) Dibromomethane	7.63	93	224381	46.792	ug/l	98
47) Bromodichloromethane	7.87	83	468696	48.576	ug/l	99
48) Methyl methacrylate	7.74	41	354915	46.455	ug/l	99
49) 1,4-Dioxane	7.71	88	132861	907.040	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2151635	233.968	ug/l	99
52) Toluene	8.76	92	777072	49.503	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	526322	48.729	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	545861	49.547	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	318377	48.687	ug/l	99
56) Ethyl methacrylate	9.16	69	478820	48.602	ug/l	99
57) 1,3-Dichloropropane	9.35	76	520430	48.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1223830	235.787	ug/l	100
59) 2-Hexanone	9.47	43	1631000	235.565	ug/l	100
60) Dibromochloromethane	9.56	129	404335	48.648	ug/l	100
61) 1,2-Dibromoethane	9.65	107	353061	50.713	ug/l	99
64) Tetrachloroethene	9.32	164	364729	48.150	ug/l	98
65) Chlorobenzene	10.12	112	869900	47.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	351692	47.702	ug/l	99
67) Ethyl Benzene	10.23	91	1530780	50.200	ug/l	98
68) m/p-Xylenes	10.34	106	1165069	98.624	ug/l	96
69) o-Xylene	10.68	106	551519	48.542	ug/l	100
70) Styrene	10.70	104	974994	50.437	ug/l	98
71) Bromoform	10.84	173	297820	46.625	ug/l #	98
73) Isopropylbenzene	11.00	105	1545492	50.145	ug/l	99
74) N-amyl acetate	10.88	43	633411	46.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	423892	44.063	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	424150m	45.896	ug/l	
77) Bromobenzene	11.24	156	410054	47.524	ug/l	97
78) n-propylbenzene	11.34	91	1763052	50.720	ug/l	100
79) 2-Chlorotoluene	11.40	91	1040517	48.322	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1320289	50.173	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	167582	45.692	ug/l	99
82) 4-Chlorotoluene	11.49	91	1239884	48.813	ug/l	99
83) tert-Butylbenzene	11.76	119	1248285	49.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1333894	50.964	ug/l	99
85) sec-Butylbenzene	11.93	105	1502849	51.235	ug/l	99
86) p-Isopropyltoluene	12.05	119	1433642	51.324	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	721106	48.668	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	722395	47.069	ug/l	99
89) n-Butylbenzene	12.37	91	1243130	49.944	ug/l	99
90) Hexachloroethane	12.58	117	259560	47.132	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	682433	46.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108981	40.570	ug/l	97

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ClientSampleId :
VSTDCCC050EC

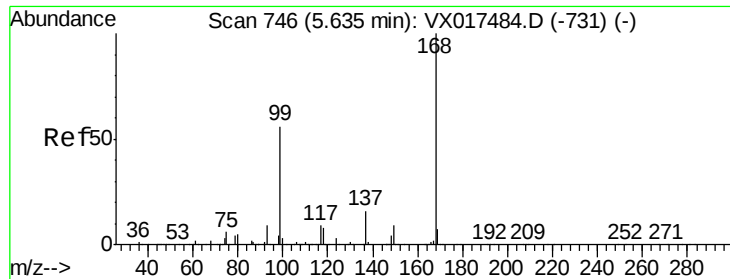
Manual Integrations
APPROVED

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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	504288	50.740	ug/l	99
94) Hexachlorobutadiene	13.77	225	221388	48.391	ug/l	98
95) Naphthalene	13.82	128	1478818	49.844	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	486477	49.573	ug/l	98

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



#1

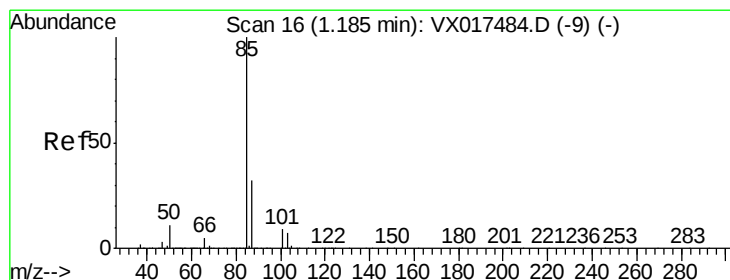
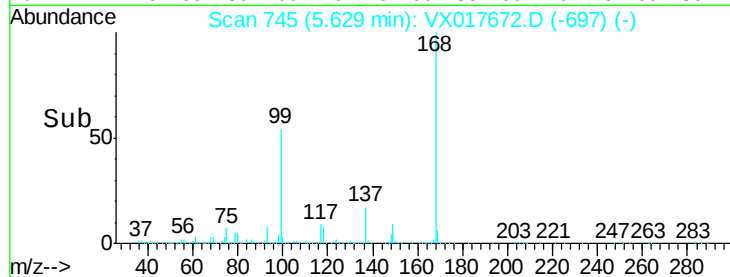
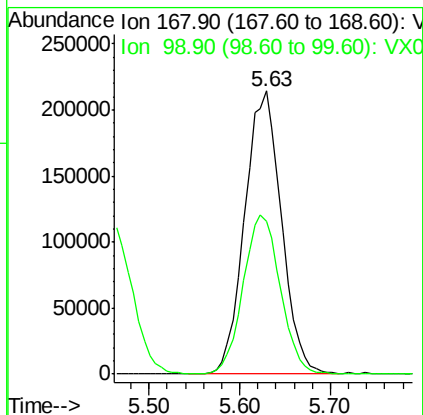
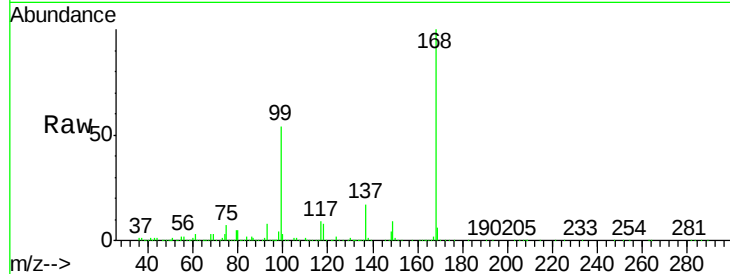
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
168	100		
99	54.0	43.4	65.2

Manual Integrations
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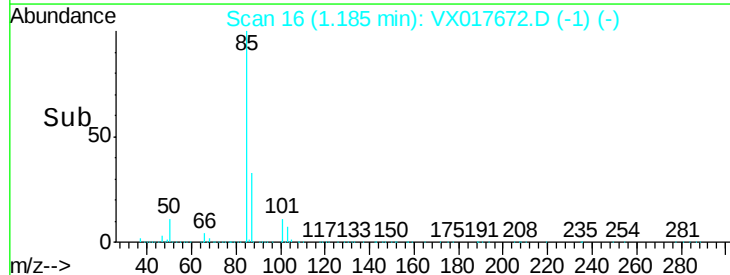
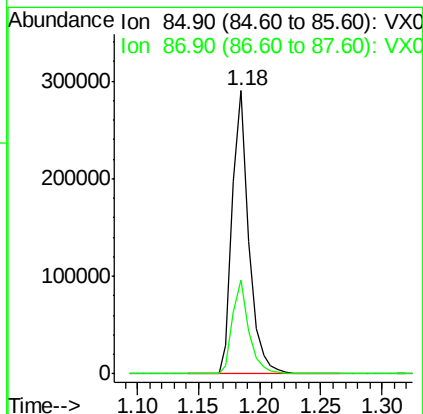
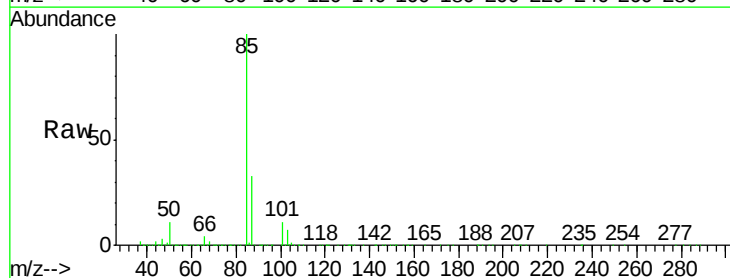
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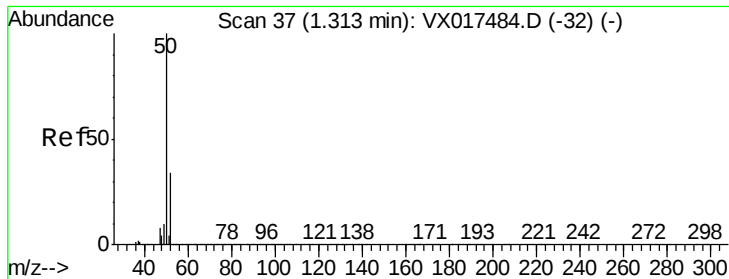


#2

Dichlorodifluoromethane
 Concen: 48.245 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.1	48.3





#3

Chloromethane

Concen: 42.244 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 313018

Ion Ratio Lower Upper

50 100

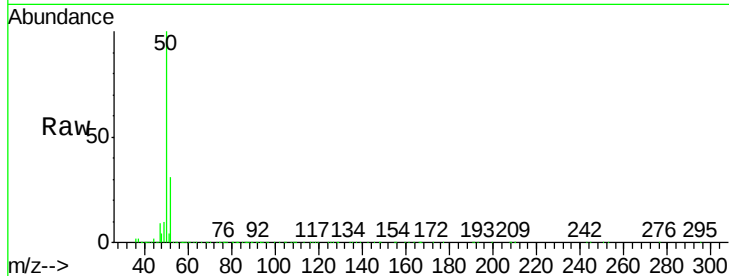
52 31.3 25.9 38.9

Manual Integrations

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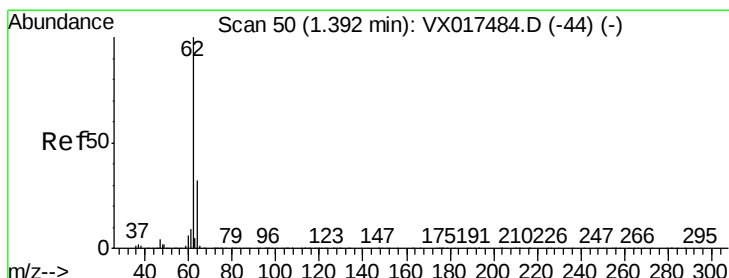
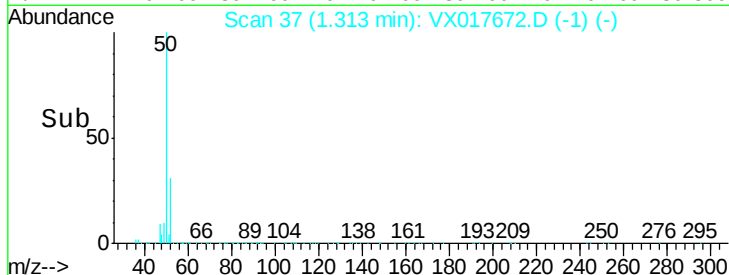
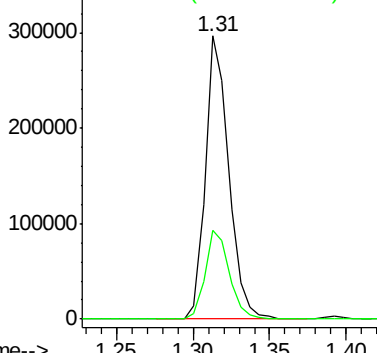
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.077 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017672.D

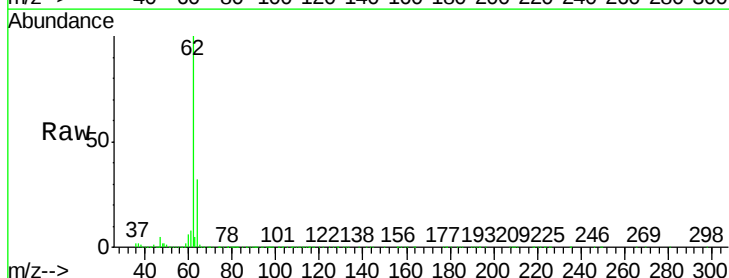
Acq: 29 Jul 2020 17:20

Tgt Ion: 62 Resp: 317833

Ion Ratio Lower Upper

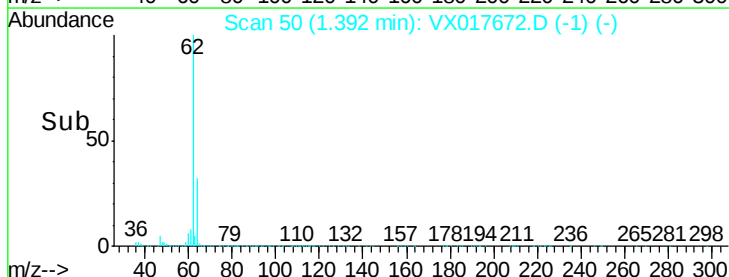
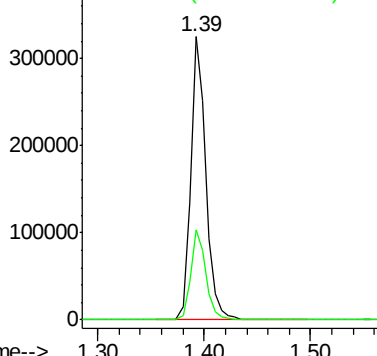
62 100

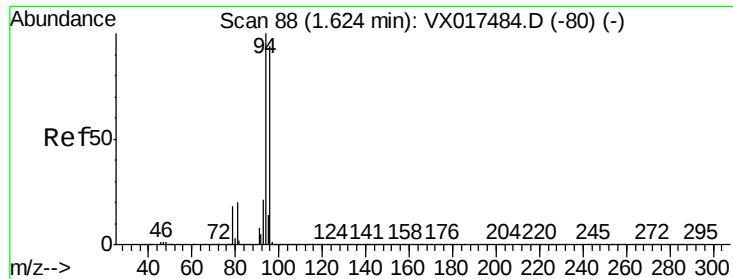
64 31.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.266 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 192574

Ion Ratio Lower Upper

94 100

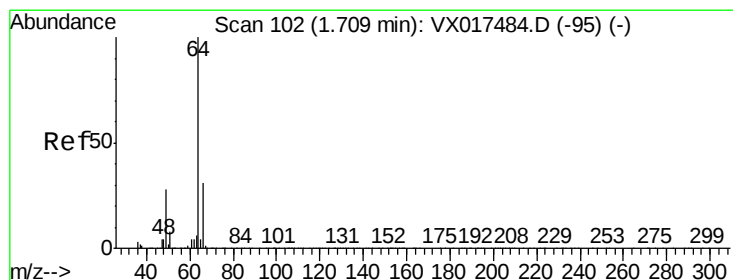
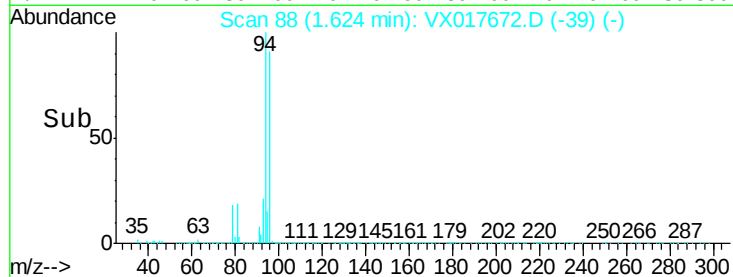
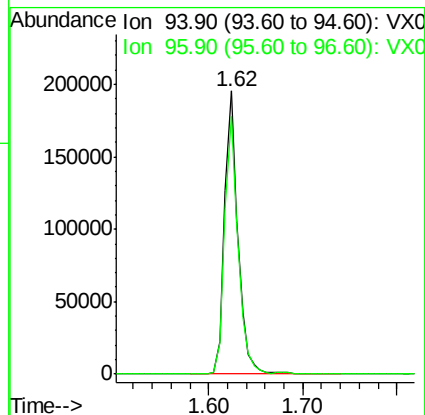
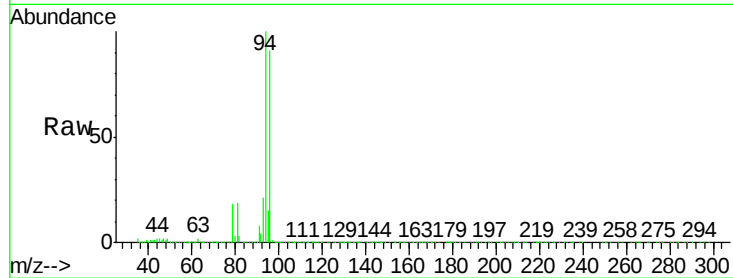
96 91.2 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 46.706 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017672.D

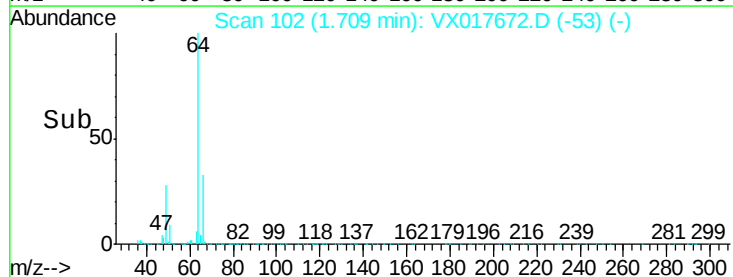
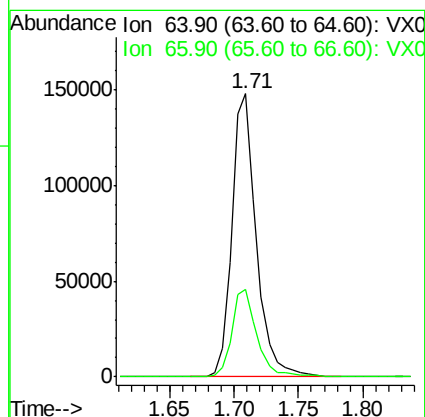
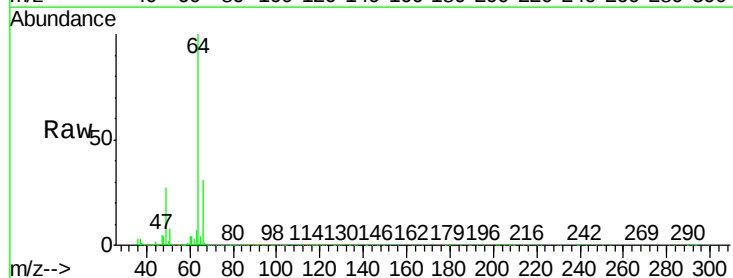
Acq: 29 Jul 2020 17:20

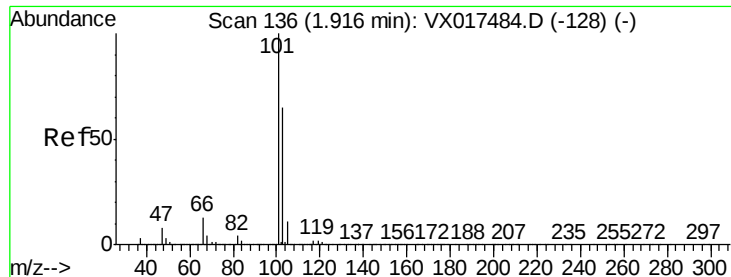
Tgt Ion: 64 Resp: 194749

Ion Ratio Lower Upper

64 100

66 30.6 24.9 37.3





#7

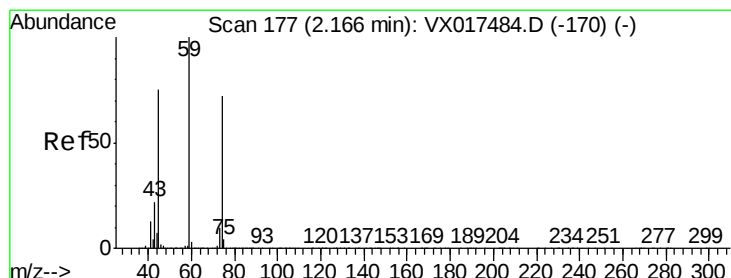
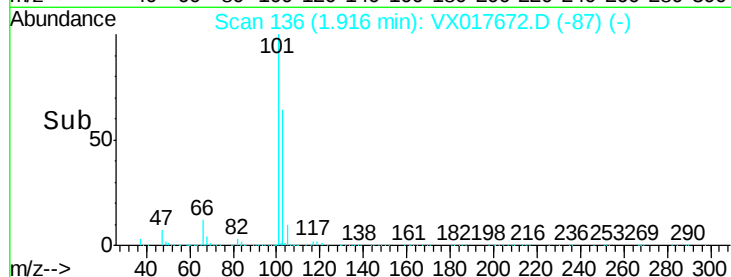
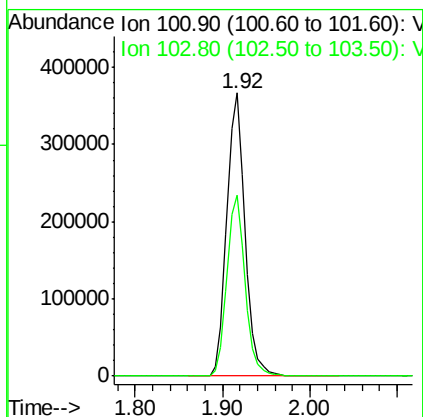
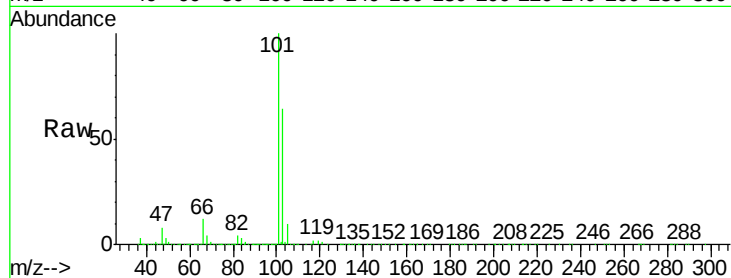
Trichlorofluoromethane
Concen: 44.560 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.8	77.8

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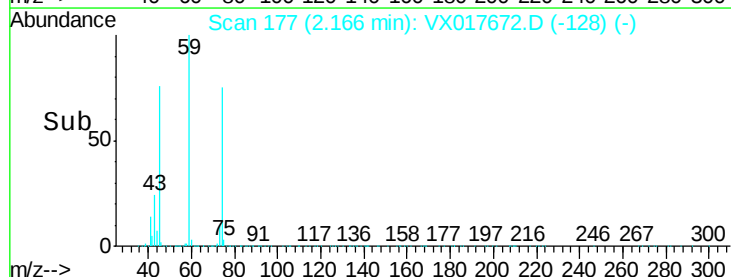
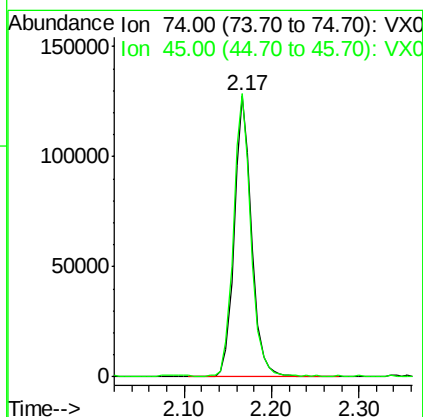
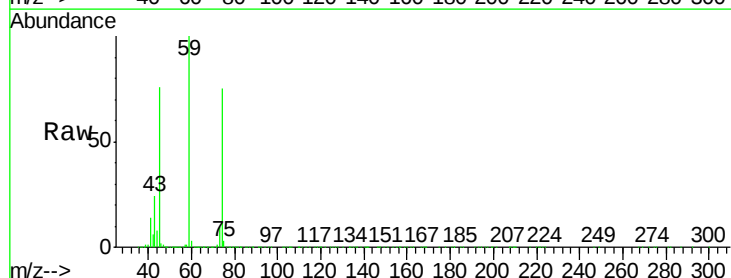
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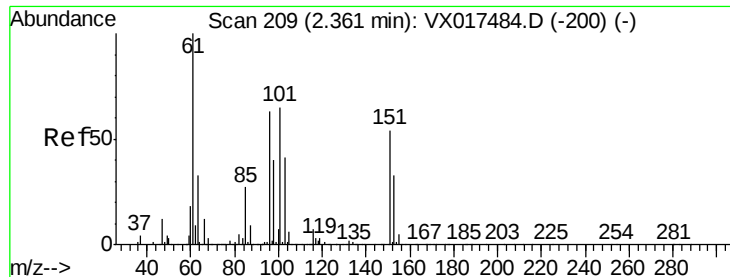


#8

Diethyl Ether
Concen: 46.022 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.781 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

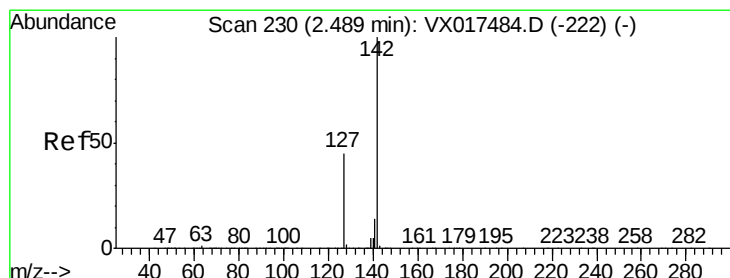
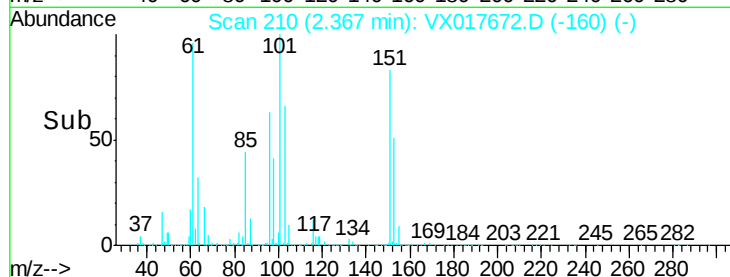
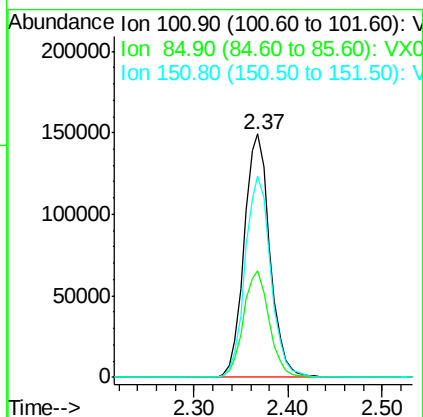
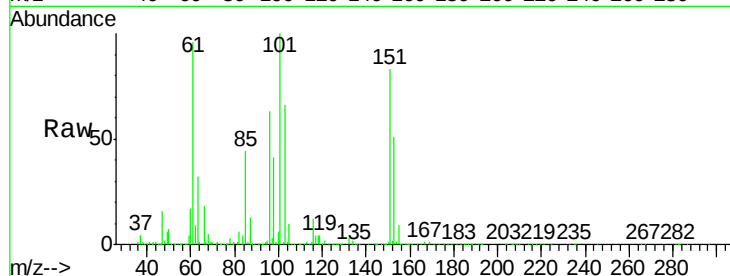
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	285446		
85	43.9	34.8	52.2	
151	82.7	68.0	102.0	

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#10

Methyl Iodide

Concen: 42.765 ug/l

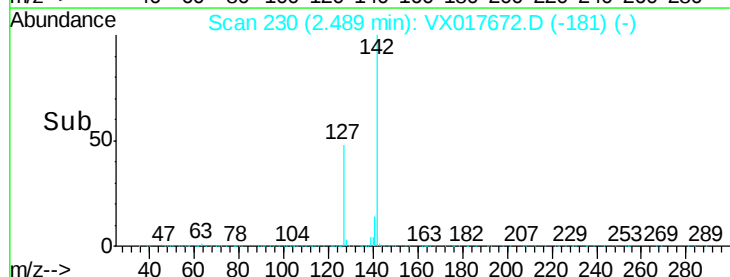
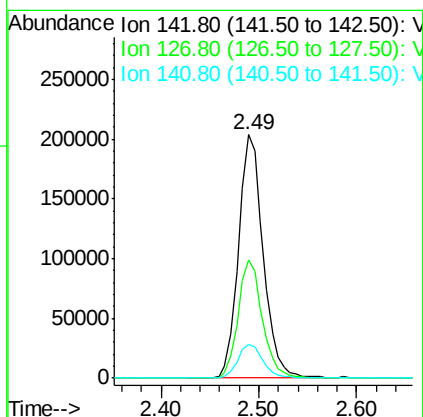
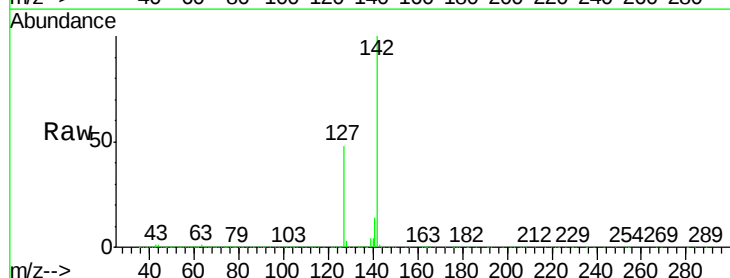
RT: 2.49 min Scan# 230

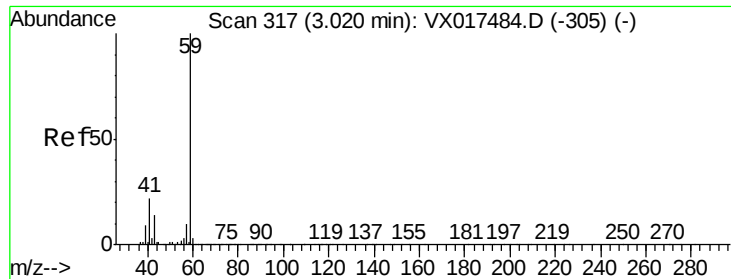
Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	356705		
127	47.4	35.9	53.9	
141	14.0	11.4	17.0	





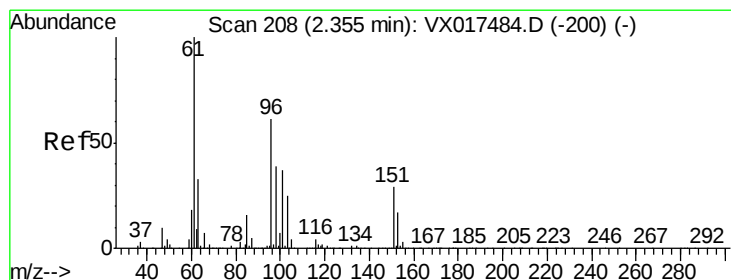
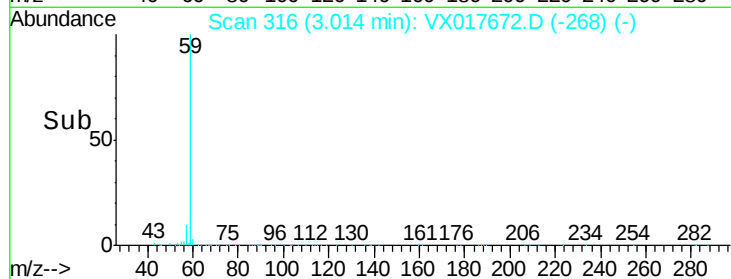
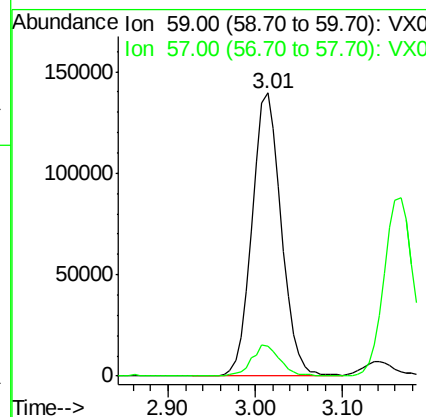
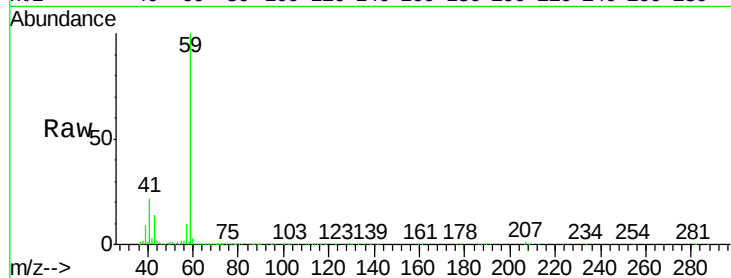
#11
Tert butyl alcohol
Concen: 198.989 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 323371
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

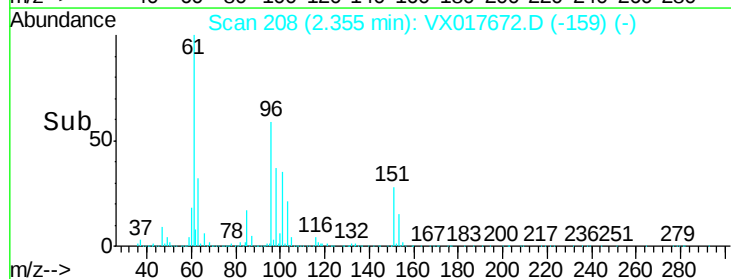
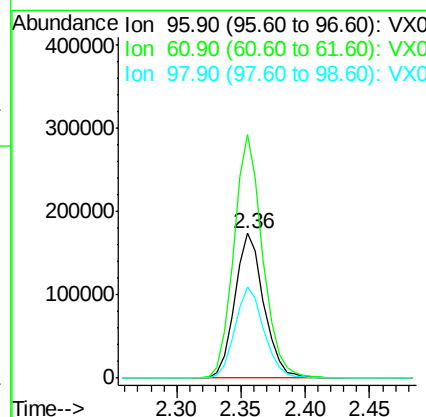
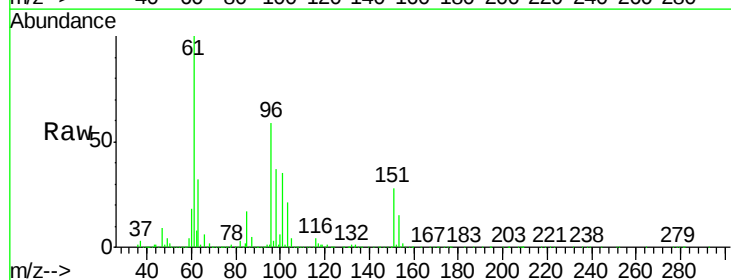
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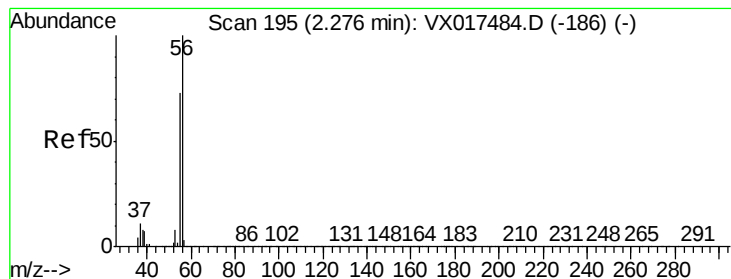
MMDadoda
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#12
1,1-Dichloroethene
Concen: 44.023 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion: 96 Resp: 272947
Ion Ratio Lower Upper
96 100
61 168.6 134.0 201.0
98 63.1 51.0 76.4





#13

Acrolein

Concen: 239.307 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 296690

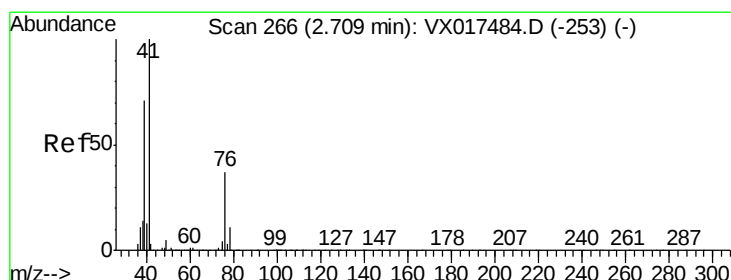
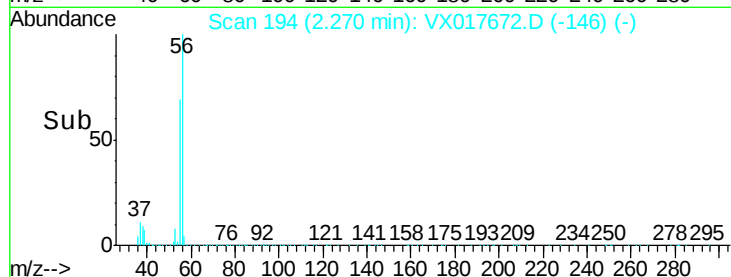
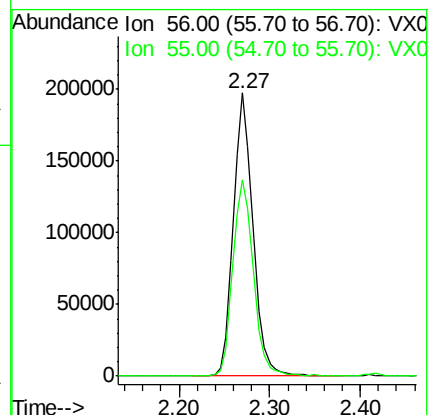
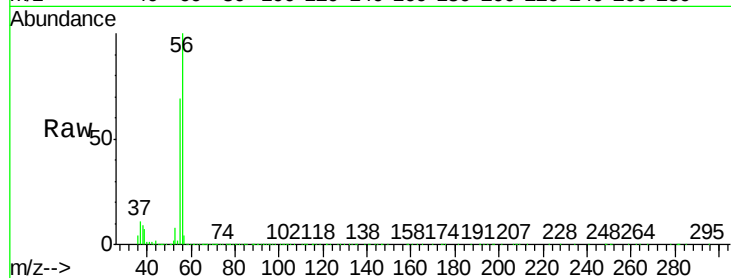
Ion Ratio Lower Upper

56 100

55 72.0 57.4 86.2

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#14

Allyl chloride

Concen: 45.075 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

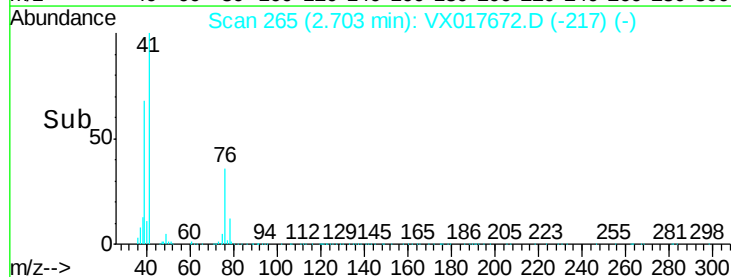
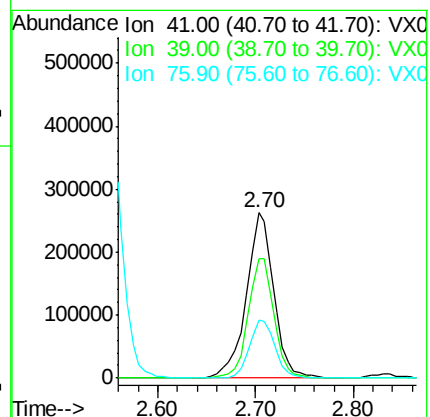
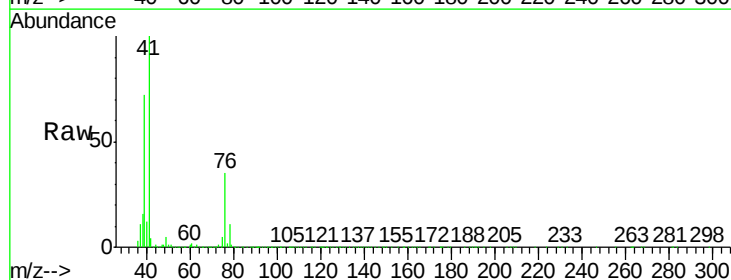
Tgt Ion: 41 Resp: 510292

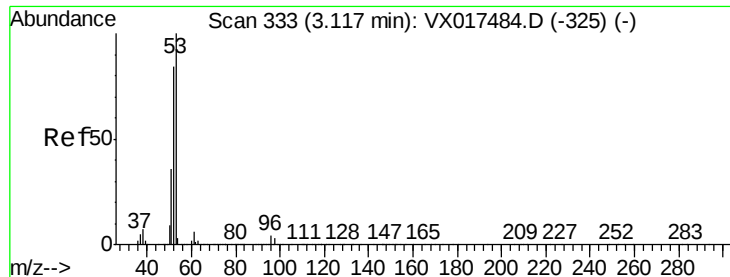
Ion Ratio Lower Upper

41 100

39 68.3 51.9 77.9

76 32.5 25.5 38.3





#15

Acrylonitrile

Concen: 217.875 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

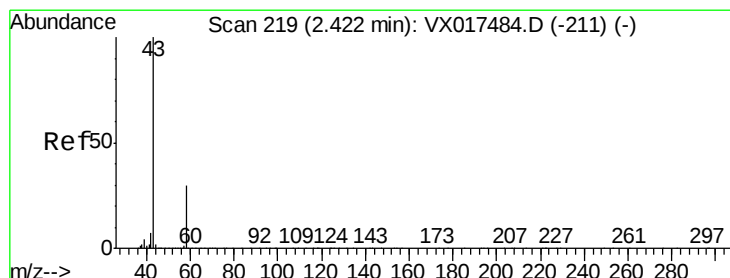
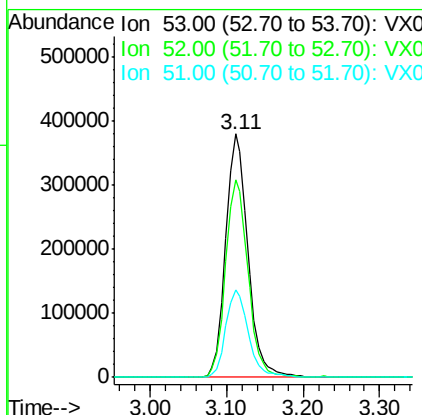
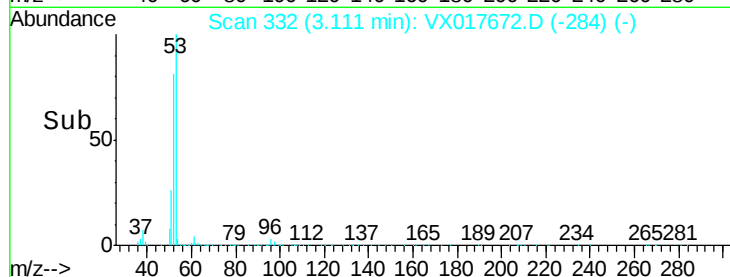
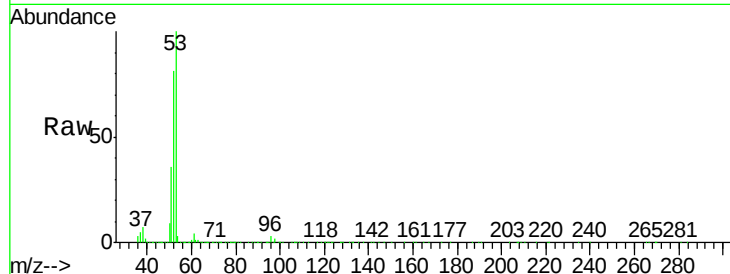
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	99.8
51	36.6	29.4	44.2

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#16

Acetone

Concen: 203.223 ug/l

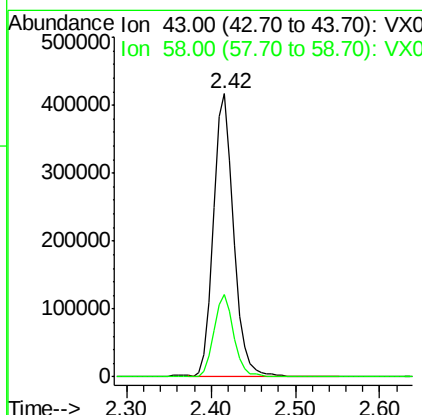
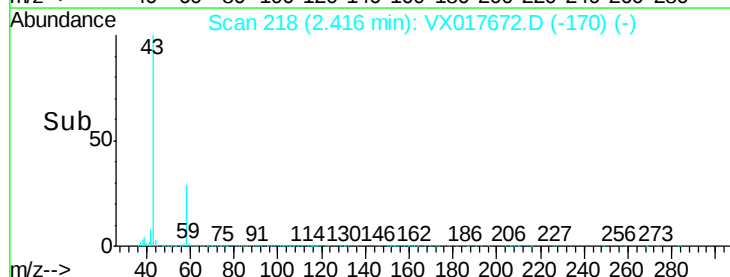
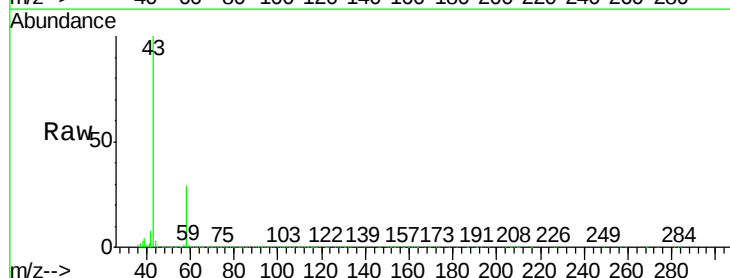
RT: 2.42 min Scan# 218

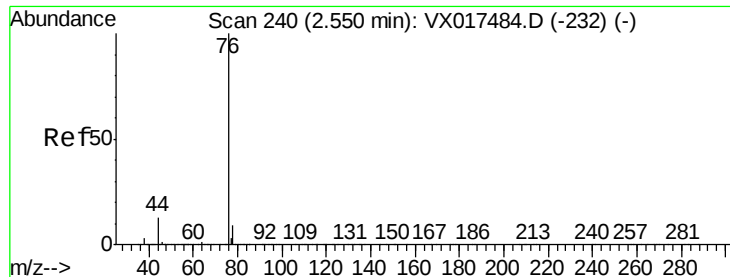
Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.2	36.4





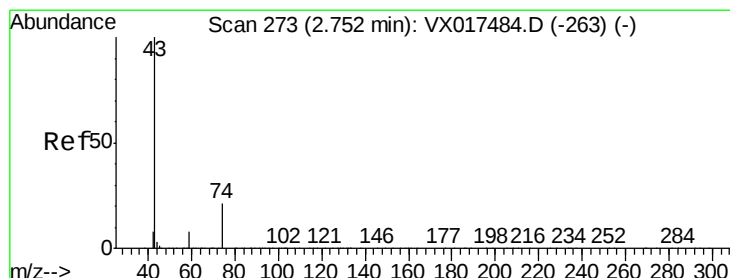
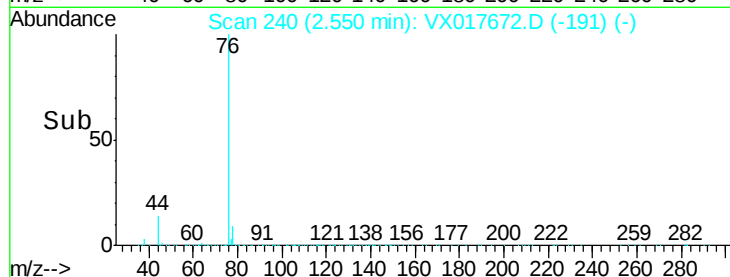
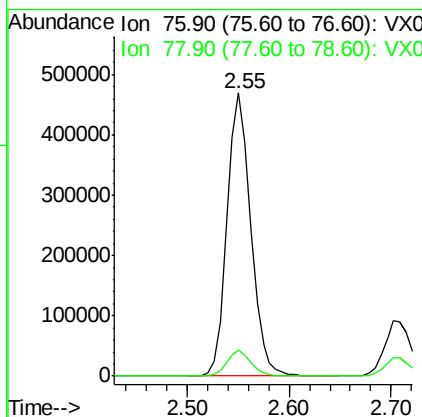
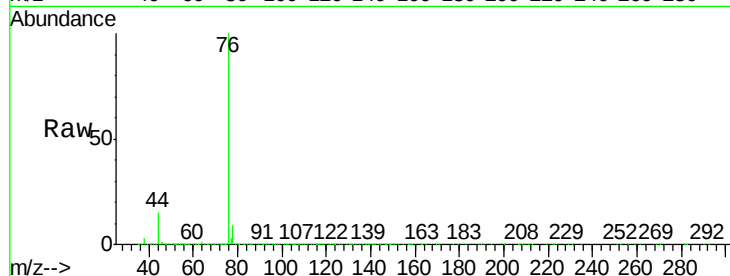
#17
Carbon Disulfide
Concen: 39.878 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

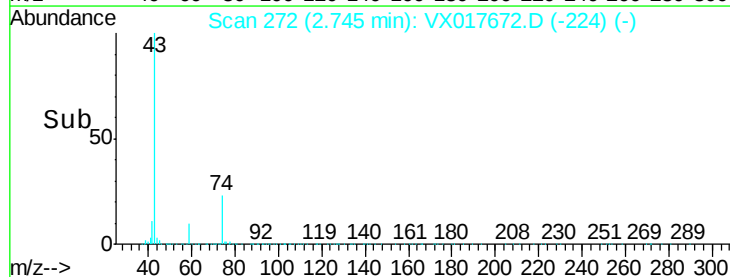
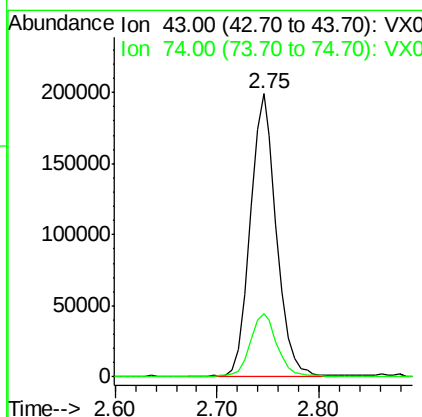
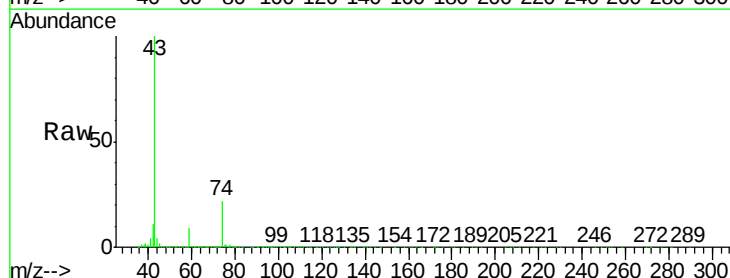
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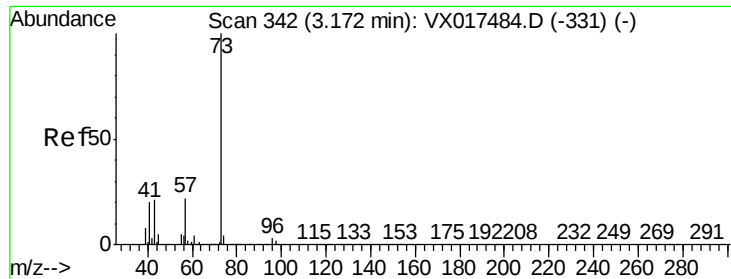
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#18
Methyl Acetate
Concen: 44.093 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.5	26.3





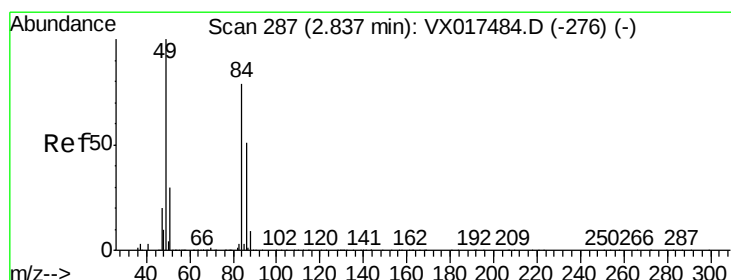
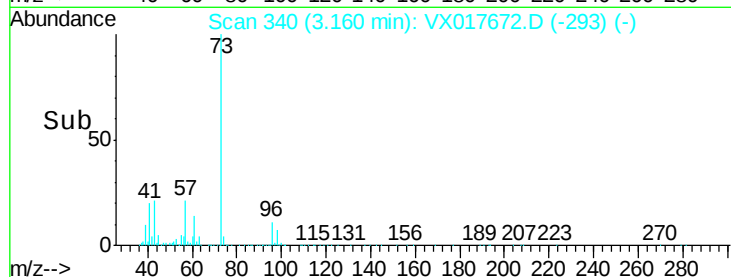
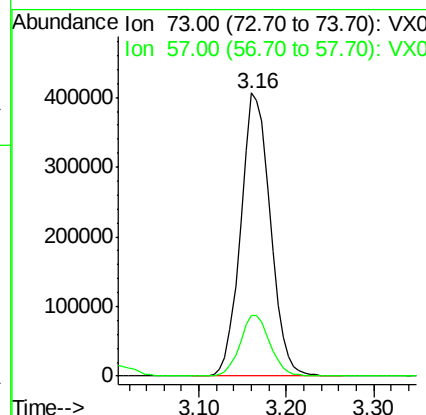
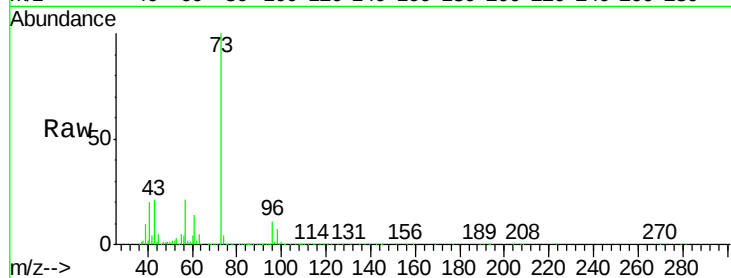
#19
Methyl tert-butyl Ether
Concen: 44.541 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 955828
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.4

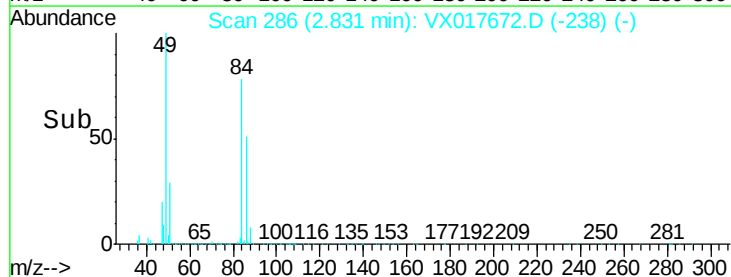
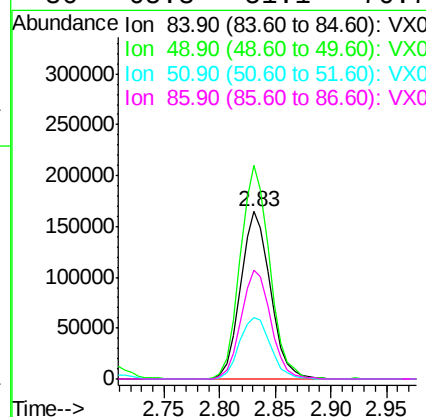
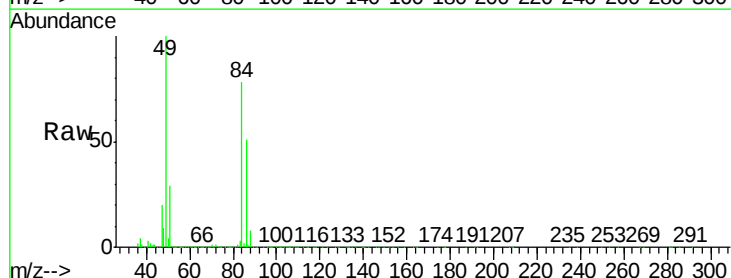
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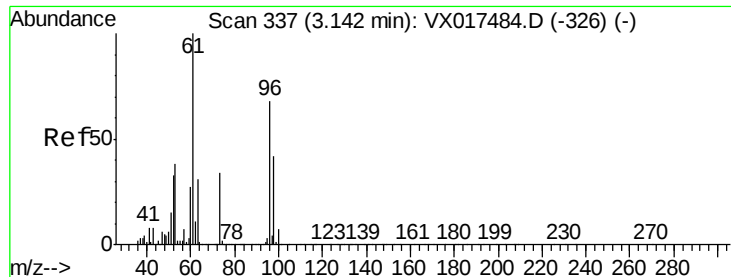
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#20
Methylene Chloride
Concen: 47.629 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion: 84 Resp: 304813
Ion Ratio Lower Upper
84 100
49 127.6 100.3 150.5
51 36.7 30.5 45.7
86 65.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.152 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

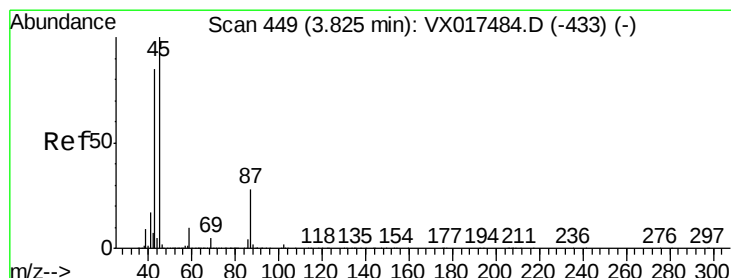
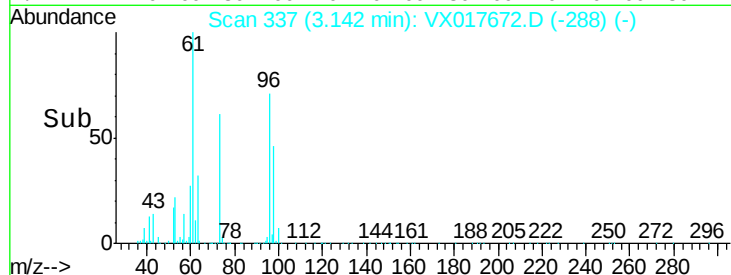
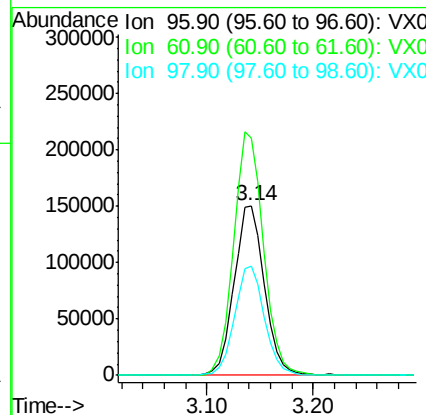
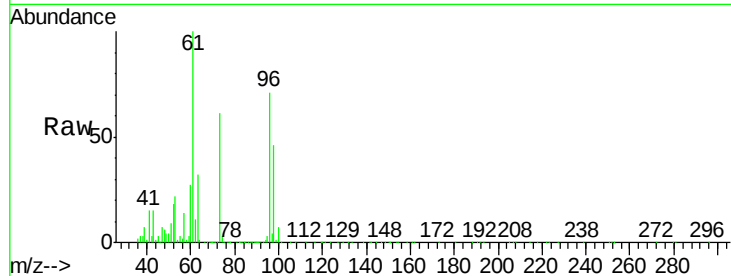
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	299900
Ion Ratio	Lower	Upper	
96	100		
61	140.1	113.0	169.4
98	64.1	51.8	77.8

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#22

Diisopropyl ether

Concen: 46.892 ug/l

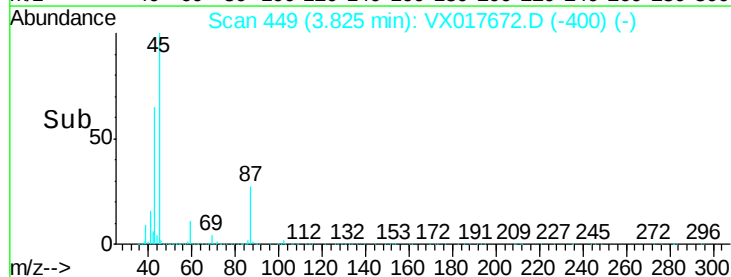
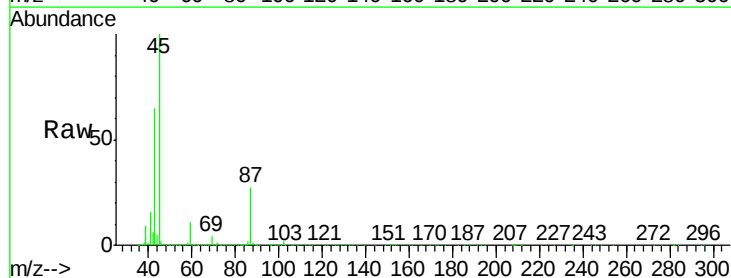
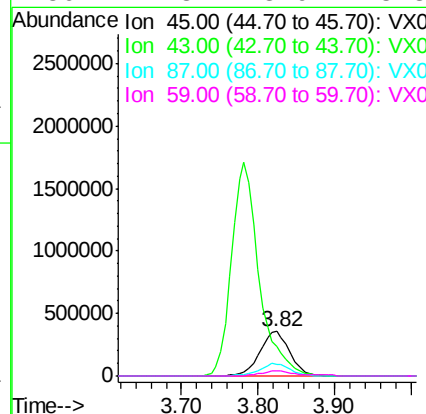
RT: 3.82 min Scan# 449

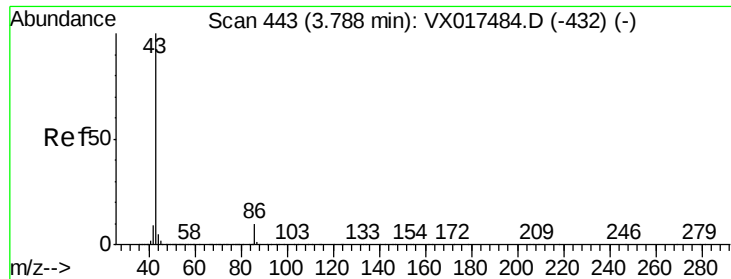
Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Tgt Ion:	45	Resp:	970670
Ion Ratio	Lower	Upper	
45	100		
43	64.6	52.0	78.0
87	27.2	22.2	33.4
59	11.3	8.9	13.3





#23

Vinyl Acetate

Concen: 231.835 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 4278938

Ion Ratio Lower Upper

43 100

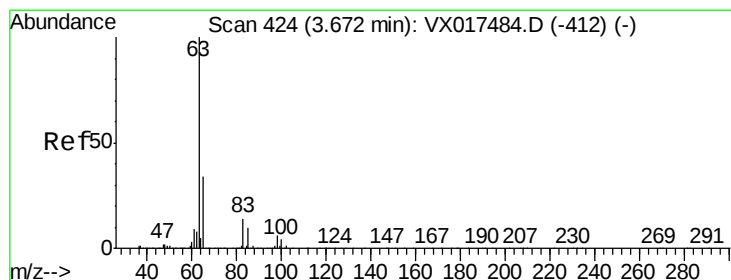
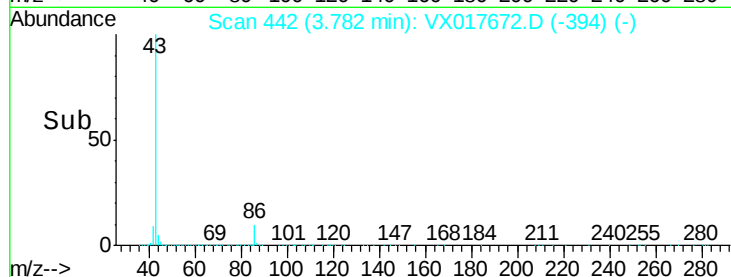
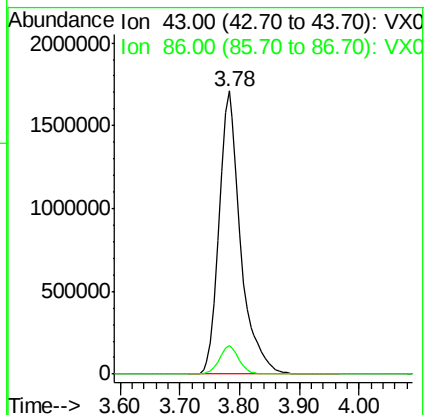
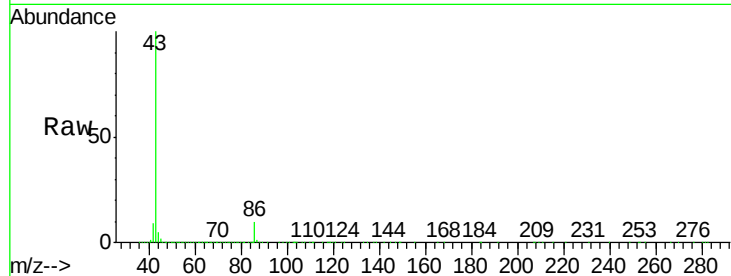
86 10.1 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 45.369 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

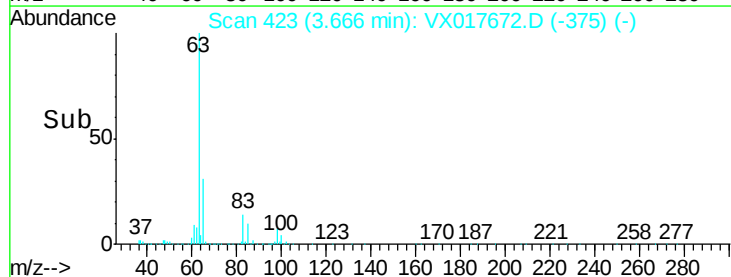
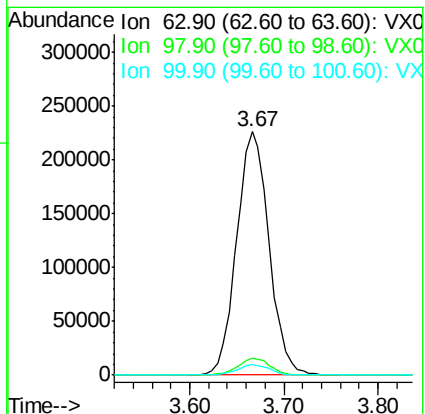
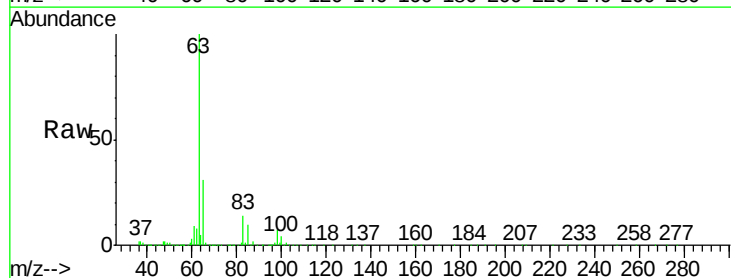
Tgt Ion: 63 Resp: 541001

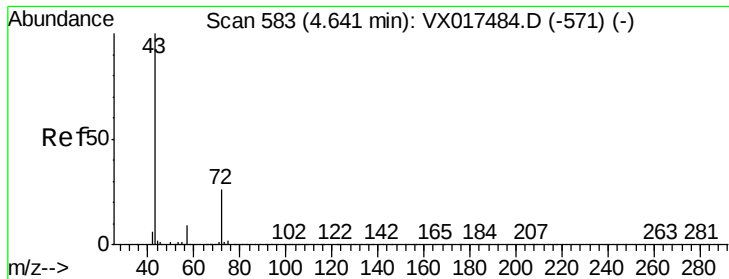
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.4 1.9 5.7





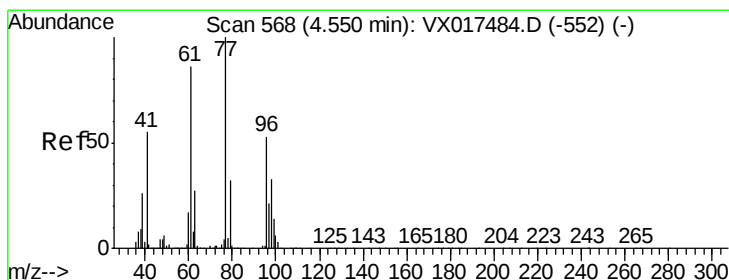
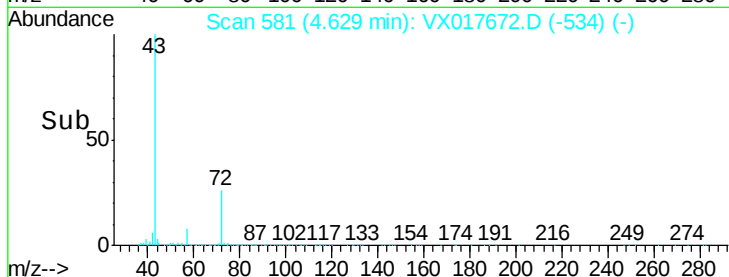
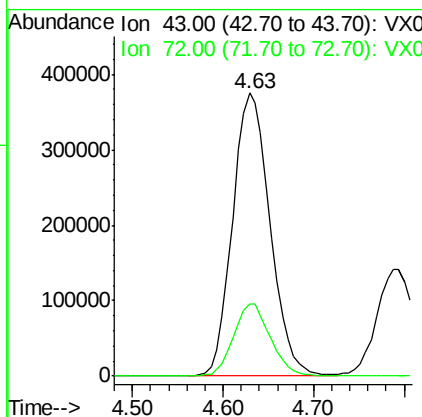
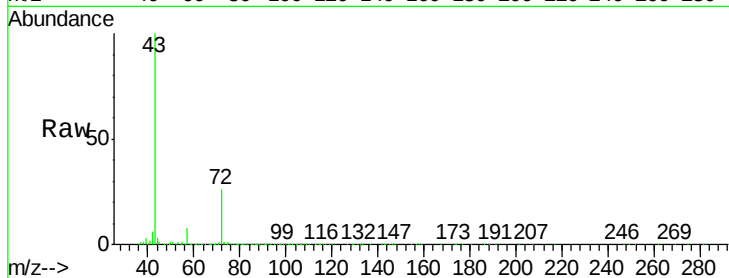
#25
2-Butanone
Concen: 222.370 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1072071
Ion Ratio Lower Upper
43 100
72 25.5 19.0 28.4

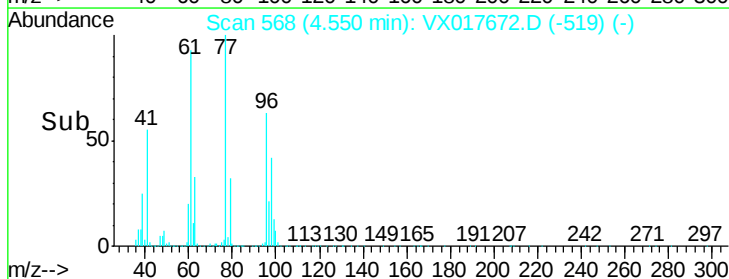
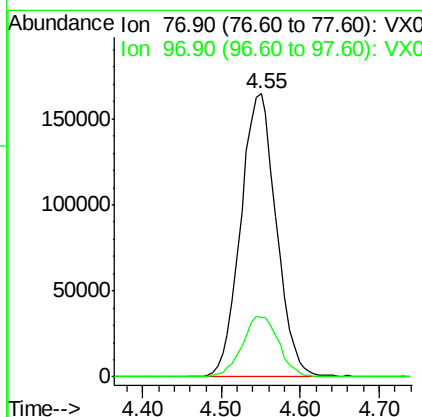
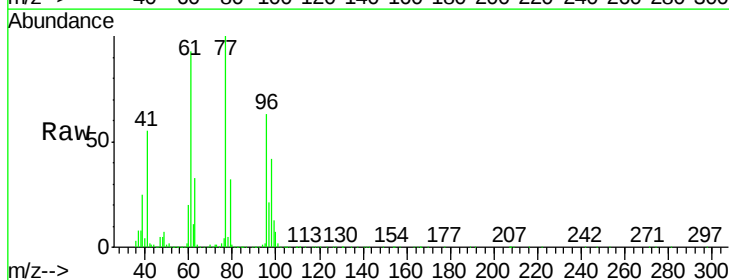
Manual Integrations
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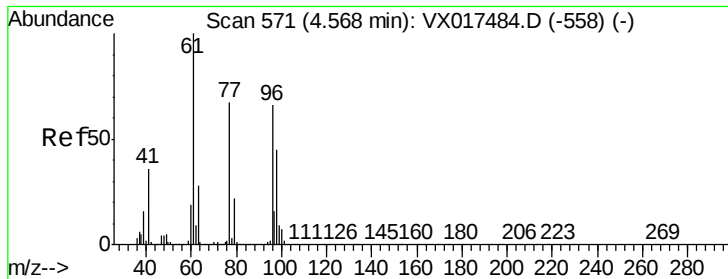
MMDadoda
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#26
2,2-Dichloropropane
Concen: 48.463 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion: 77 Resp: 517302
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

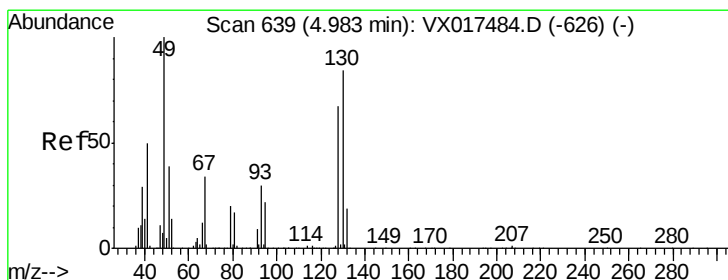
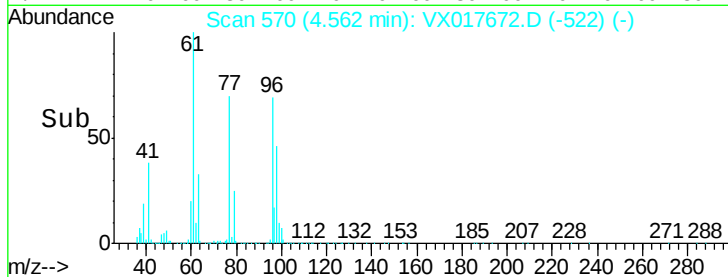
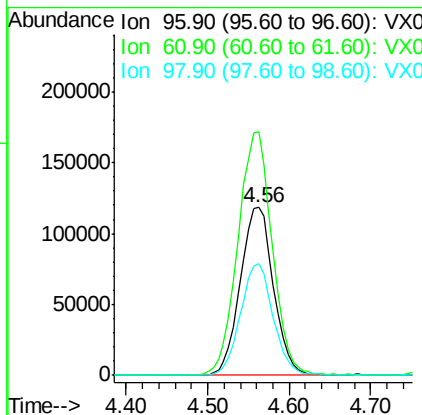
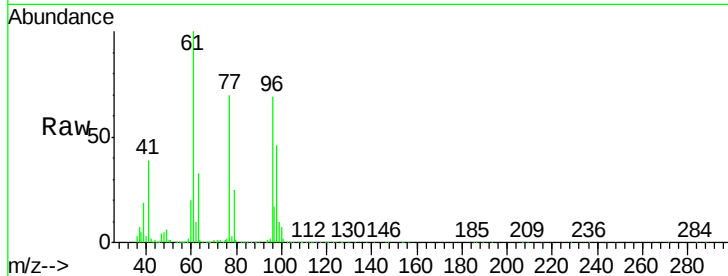
cis-1,2-Dichloroethene
Concen: 46.538 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	335740		
61	148.8	0.0	301.2	
98	65.5	0.0	130.0	

Manual Integrations
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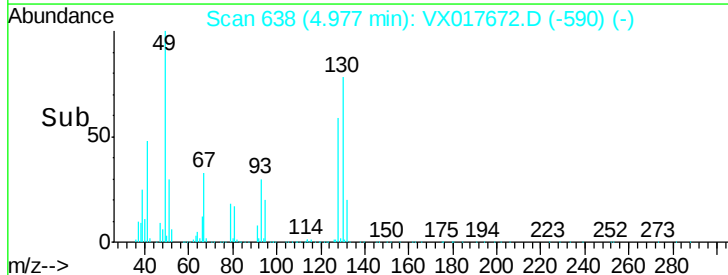
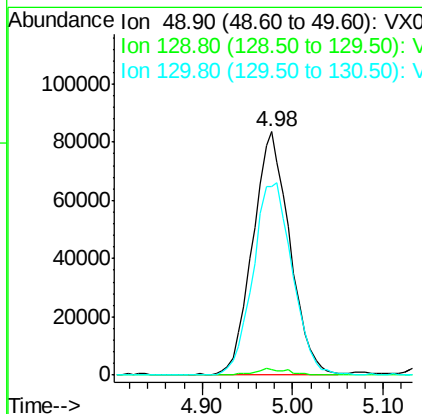
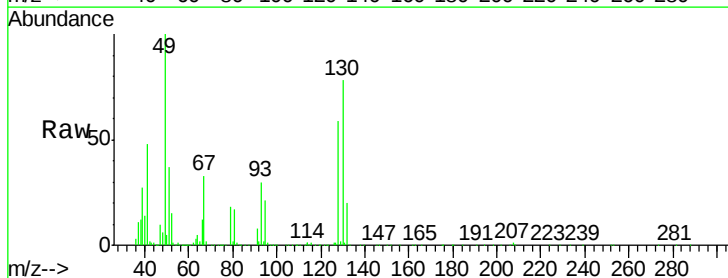
MMDadoda
7/30/2020 6:08:31 PM

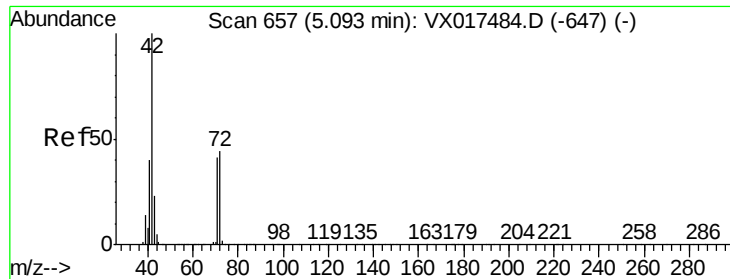


#28

Bromochloromethane
Concen: 43.770 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	236518		
129	2.3	0.0	4.6	
130	84.2	66.7	100.1	





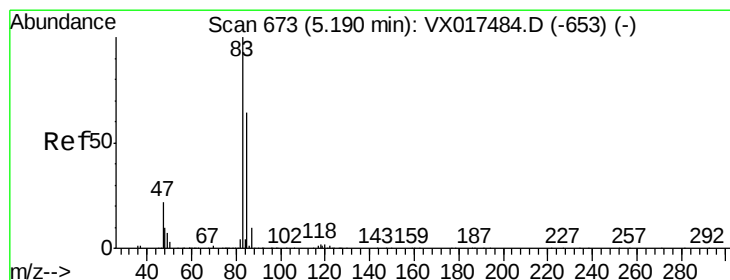
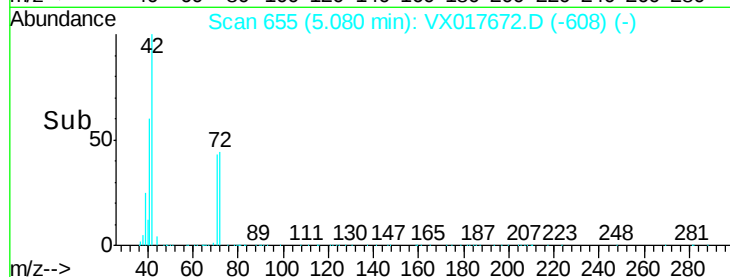
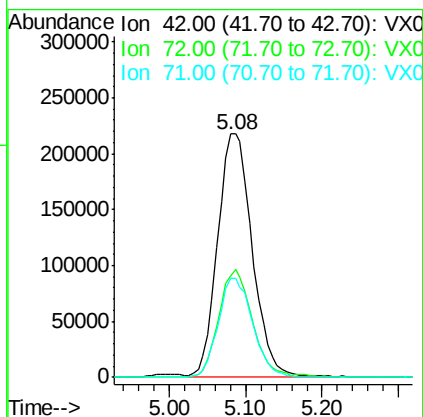
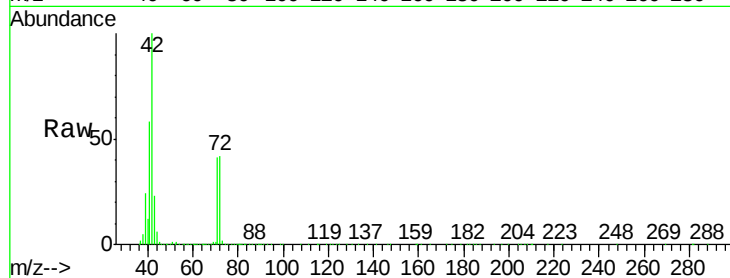
#29
Tetrahydrofuran
Concen: 226.787 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.5	53.3
71	40.9	33.0	49.4

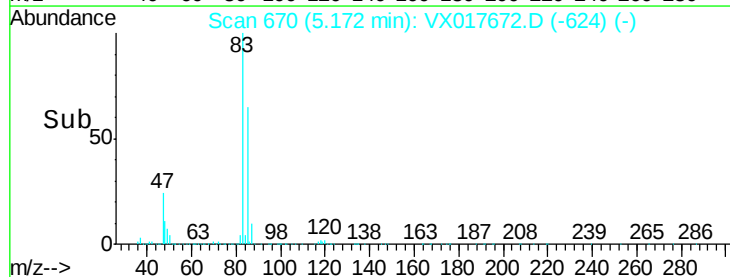
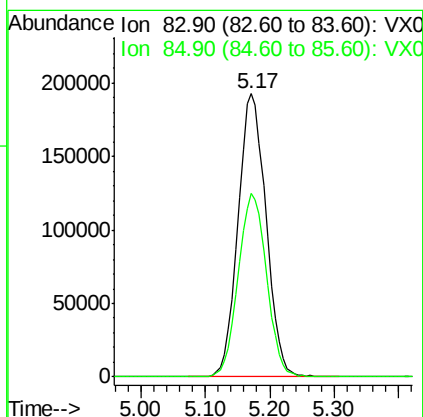
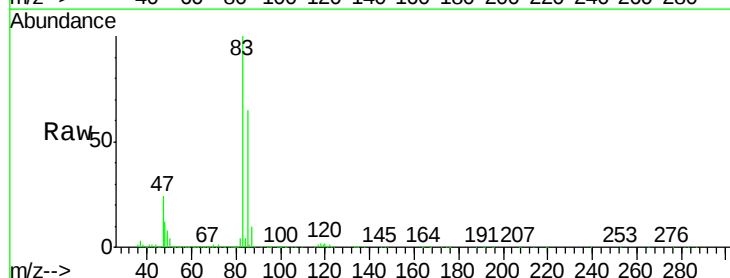
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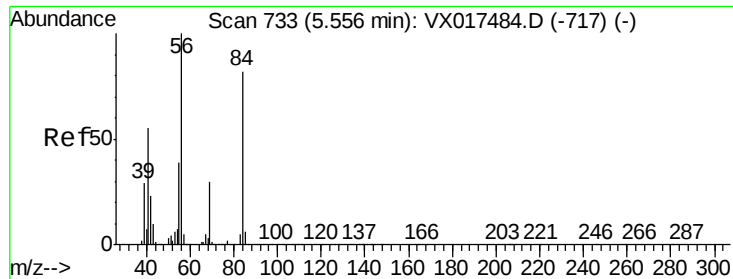
MMDadoda
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#30
Chloroform
Concen: 47.434 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2





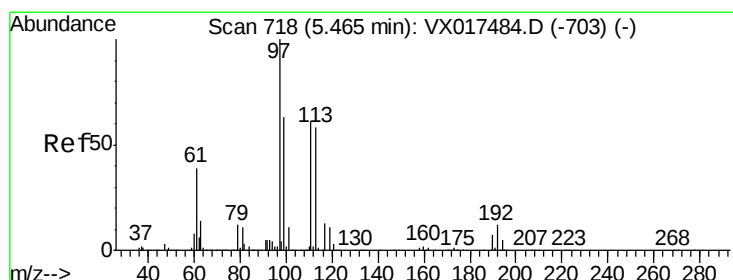
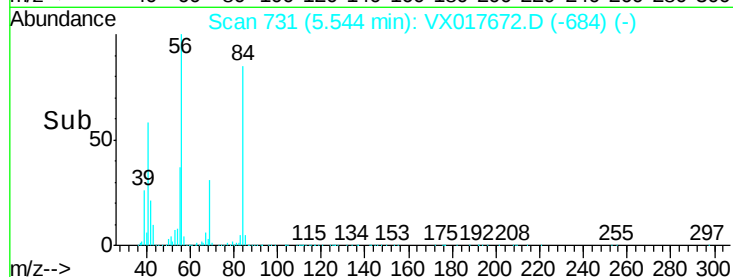
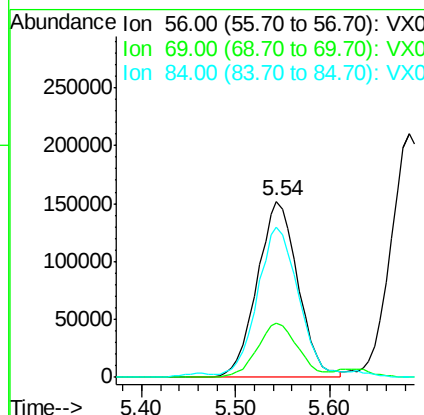
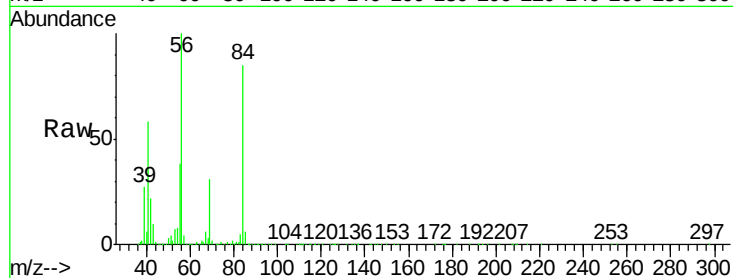
#31
Cyclohexane
Concen: 48.287 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.2	36.4
84	83.5	69.0	103.6

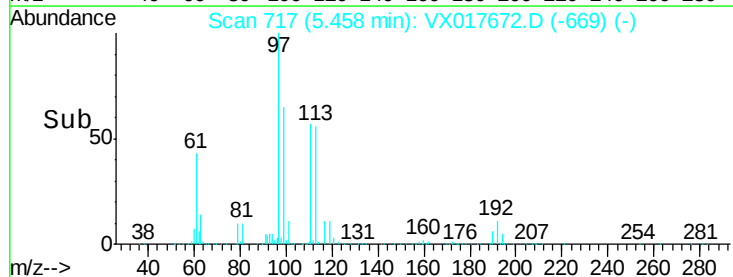
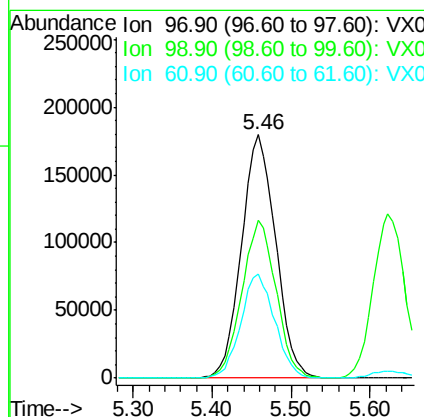
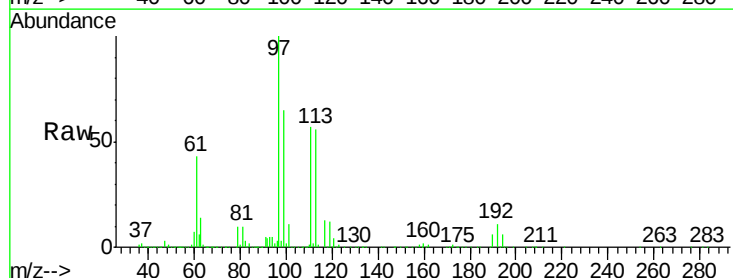
Manual Integrations
APPROVED

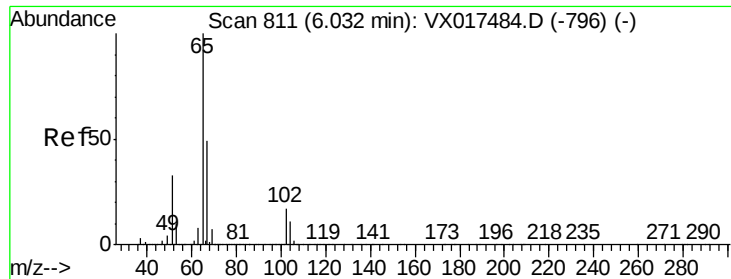
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#32
1,1,1-Trichloroethane
Concen: 47.122 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.9	77.9
61	42.6	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 48.476 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 373780

Ion Ratio Lower Upper

65 100

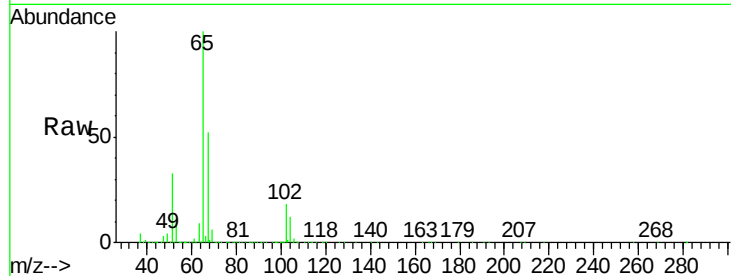
67 51.2 0.0 102.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

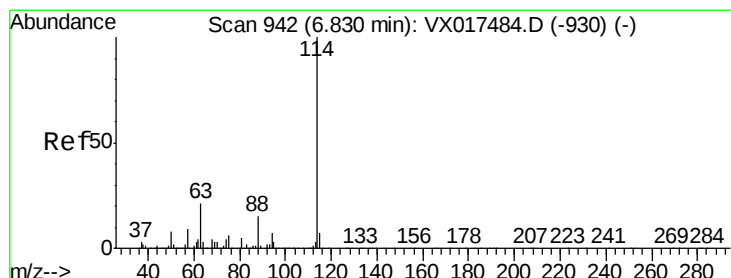
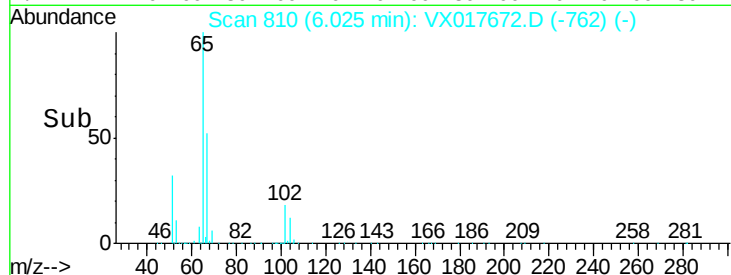
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

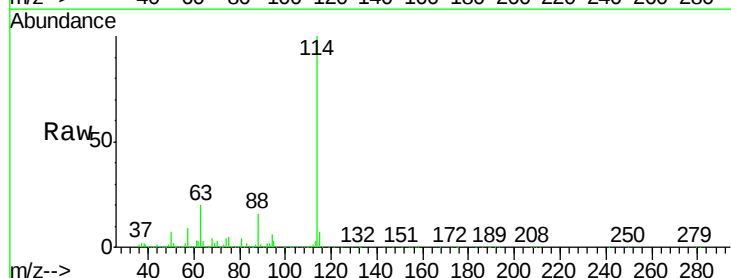
Tgt Ion: 114 Resp: 890180

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

88 16.0 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

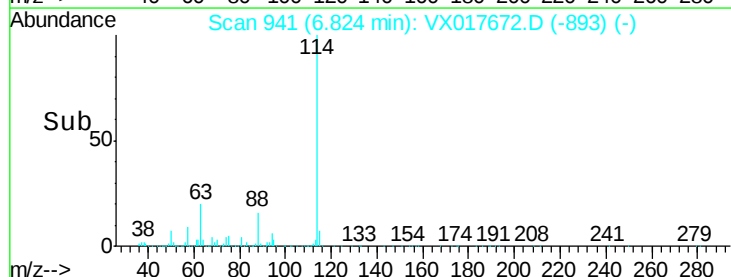
300000

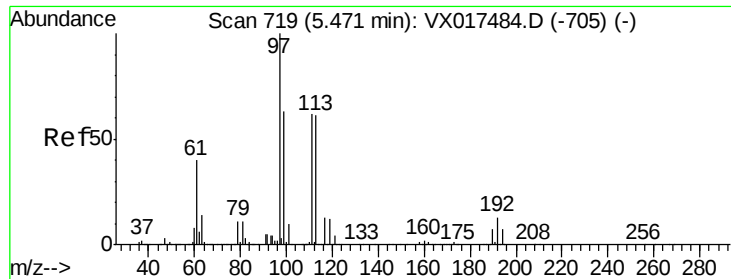
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.268 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017672.D

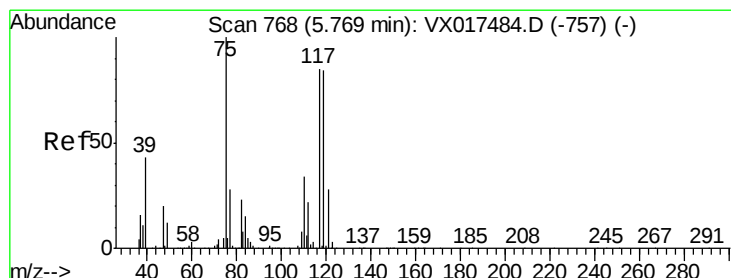
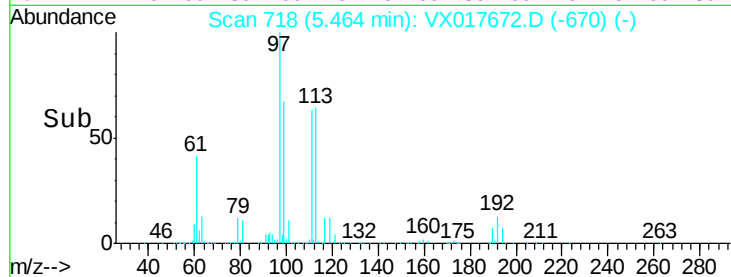
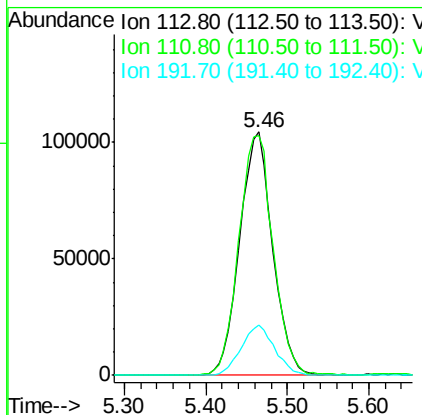
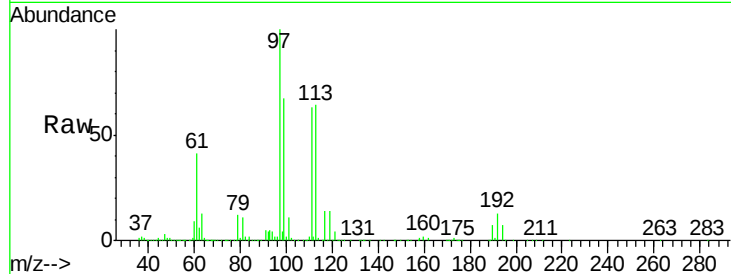
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	113	Resp:	293321
Ion Ratio	Lower	Upper	
113	100		
111	102.7	80.7	121.1
192	21.2	16.9	25.3

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#36

1,1-Dichloropropene

Concen: 48.887 ug/l

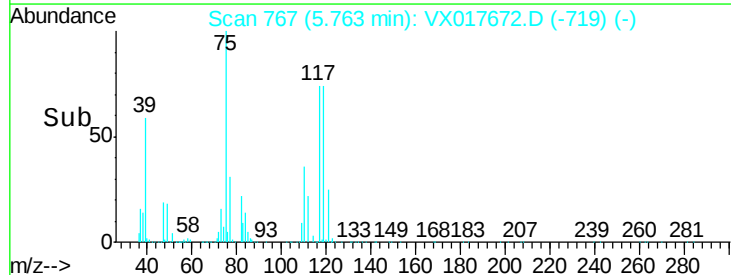
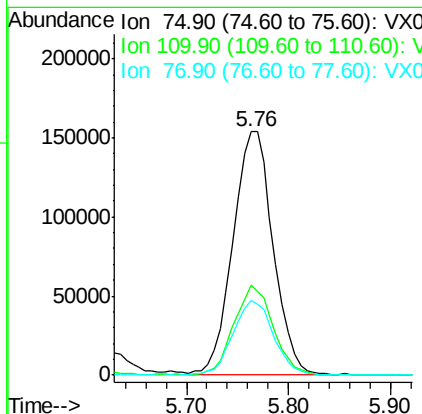
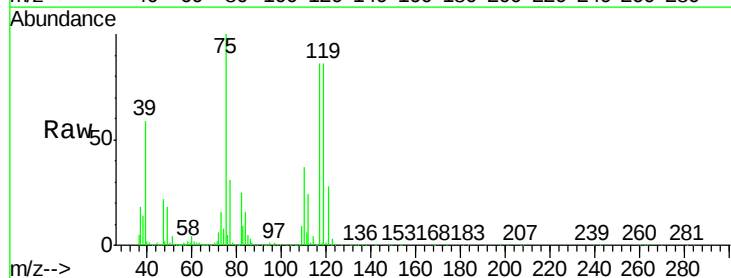
RT: 5.76 min Scan# 767

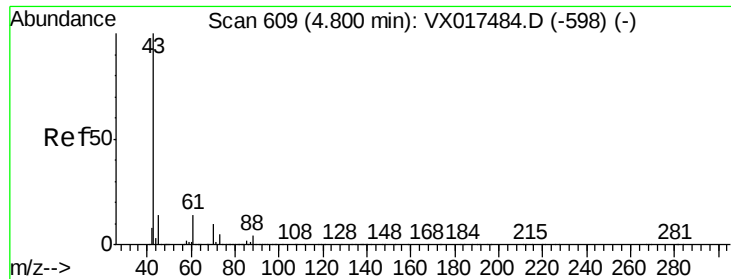
Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Tgt Ion:	75	Resp:	417376
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.1	54.3
77	30.9	24.6	37.0





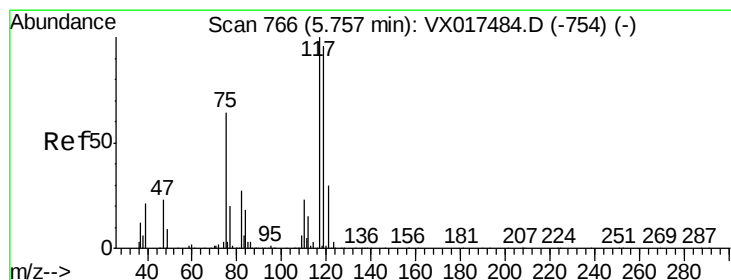
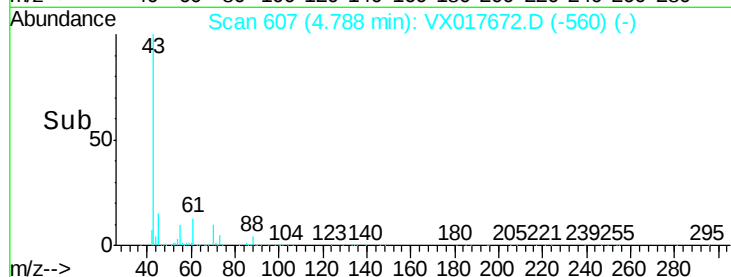
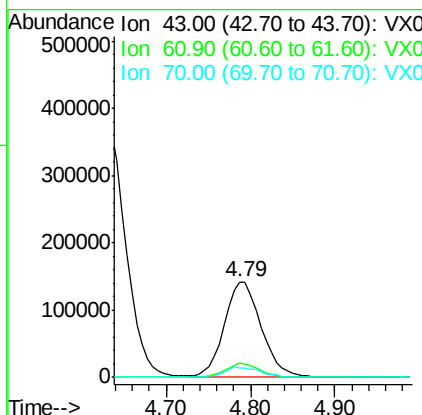
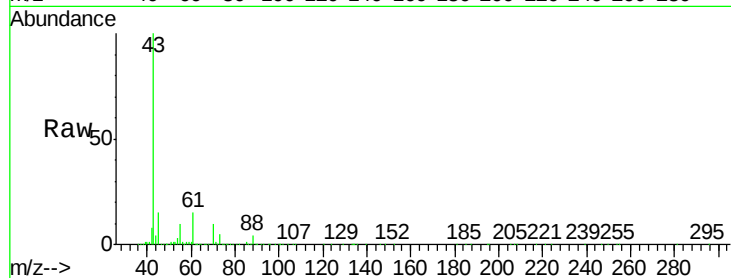
#37
Ethyl Acetate
Concen: 44.890 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.8	8.5	12.7

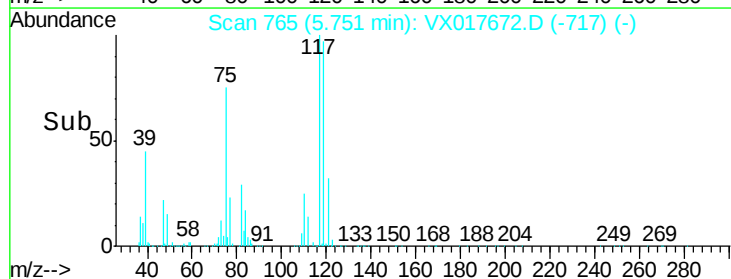
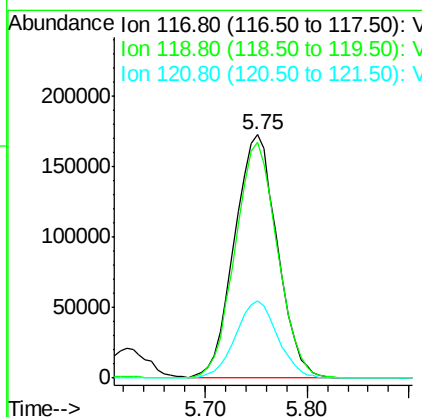
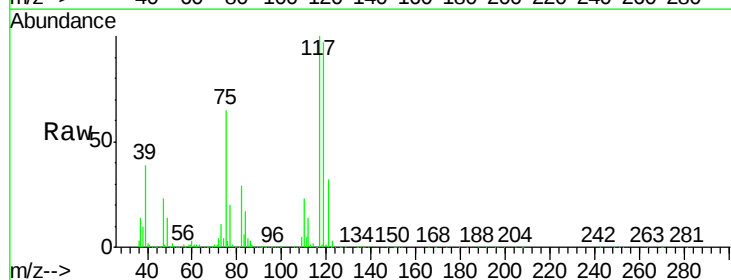
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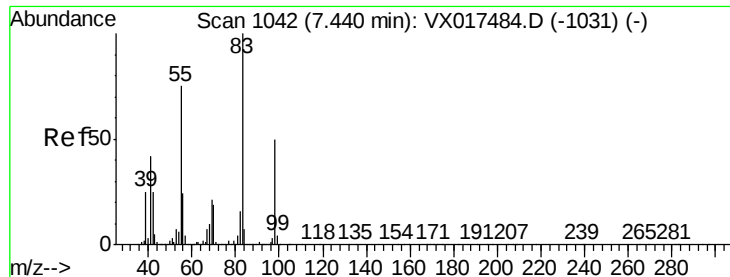
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#38
Carbon Tetrachloride
Concen: 48.564 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
121	31.5	24.3	36.5





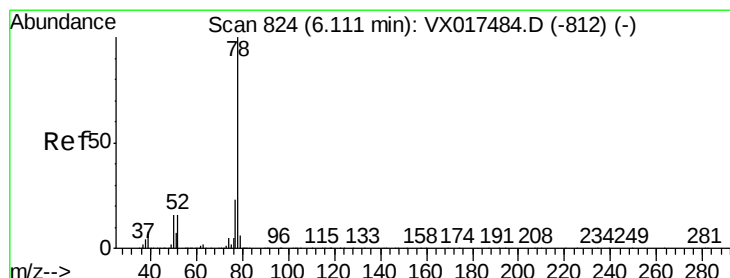
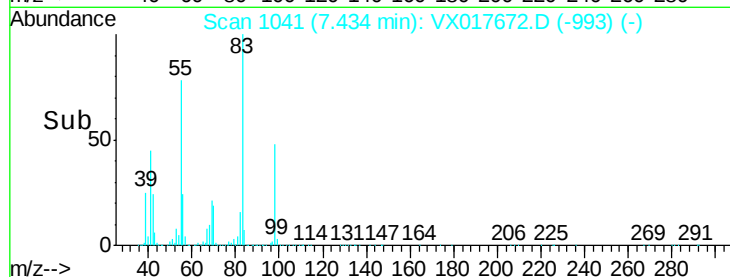
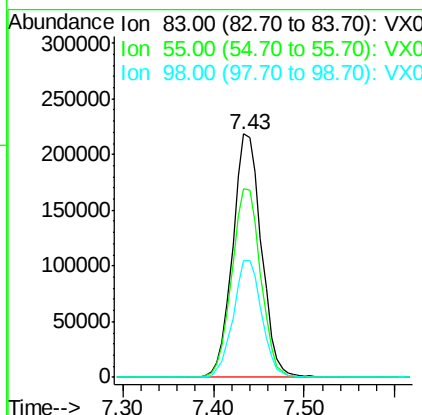
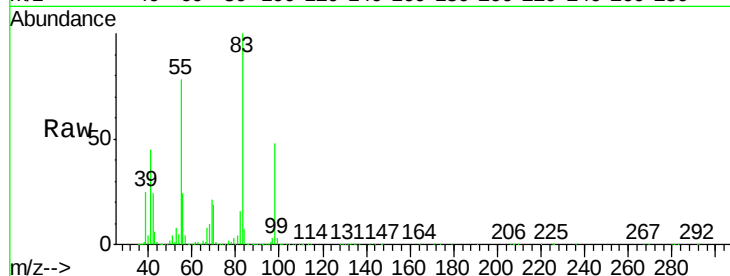
#39
Methylcyclohexane
Concen: 48.015 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.8	92.8
98	47.8	36.9	55.3

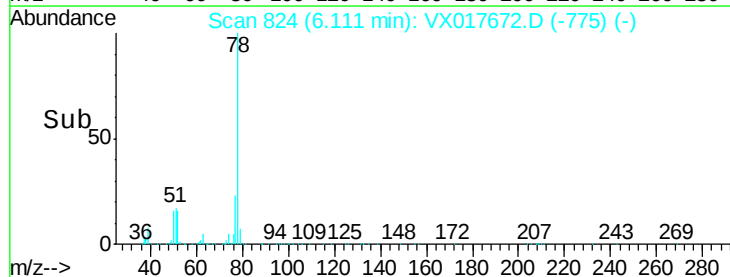
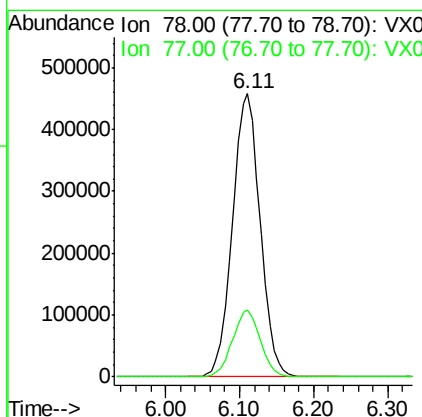
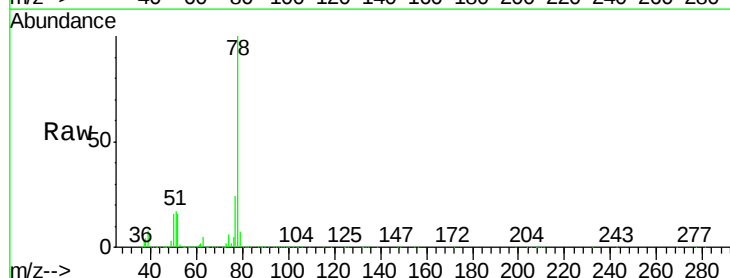
Manual Integrations
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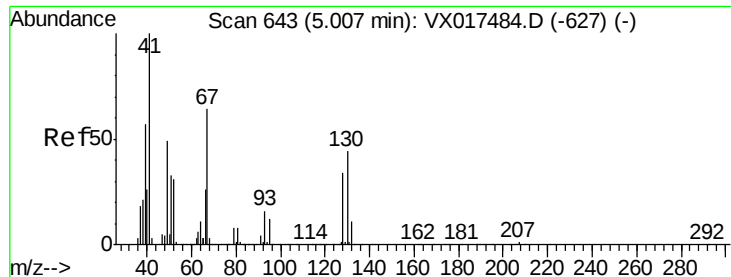
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#40
Benzene
Concen: 48.638 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2





#41

Methacrylonitrile

Concen: 43.796 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

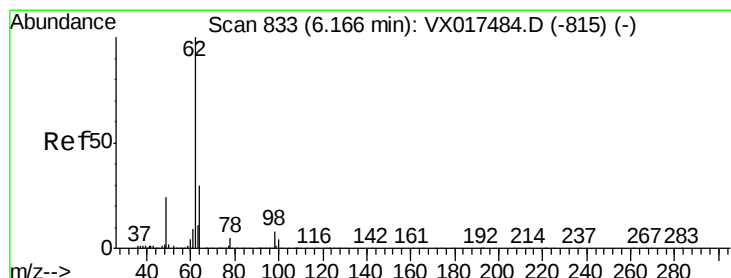
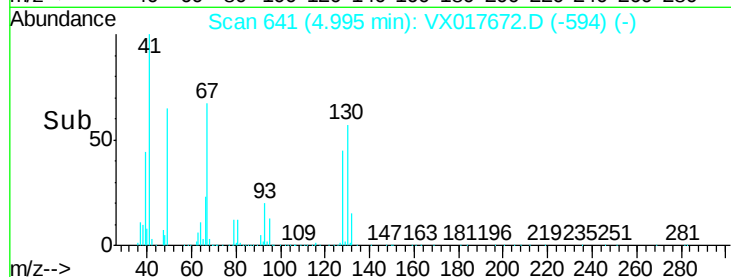
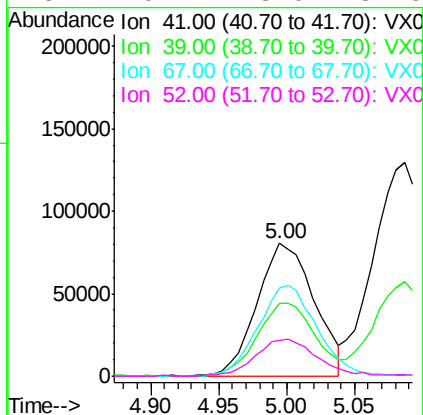
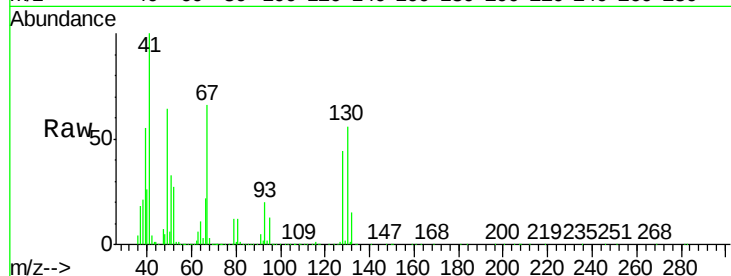
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.9	65.9
67	70.1	54.0	81.0
52	29.7	23.0	34.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.248 ug/l

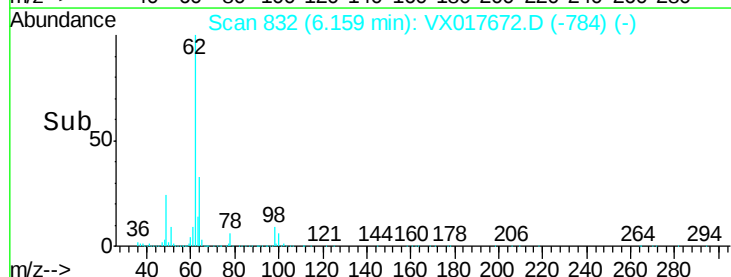
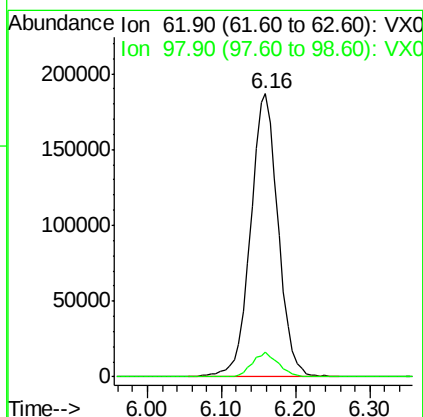
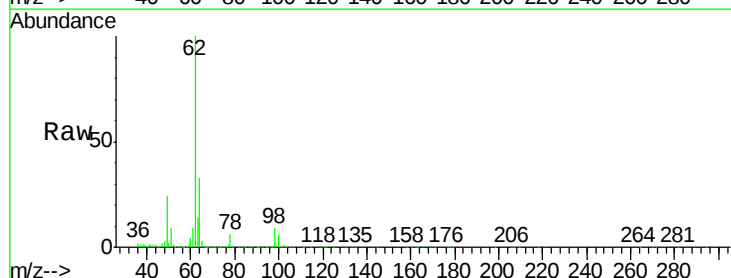
RT: 6.16 min Scan# 832

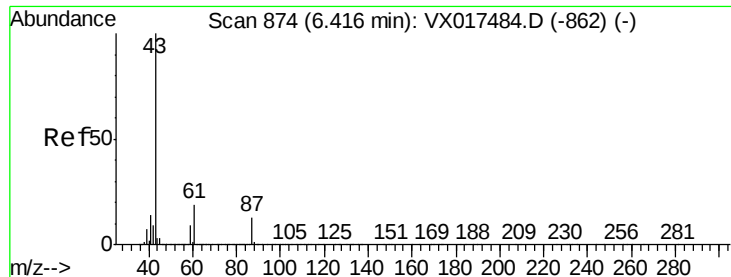
Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0





#43

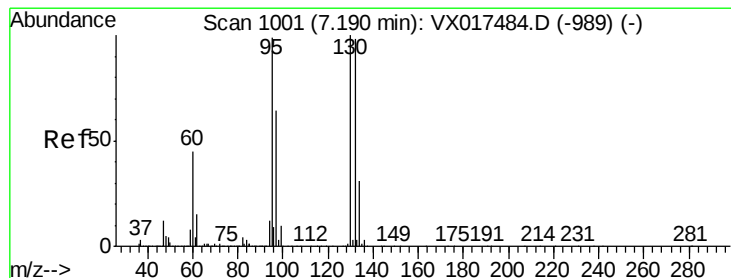
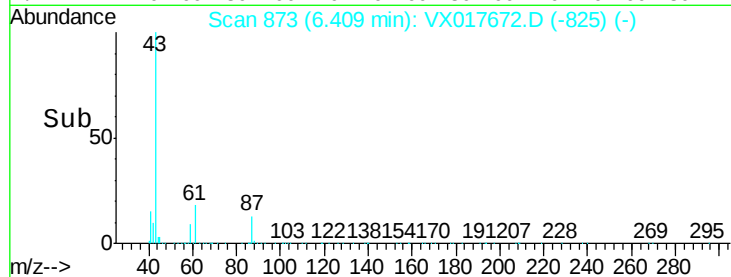
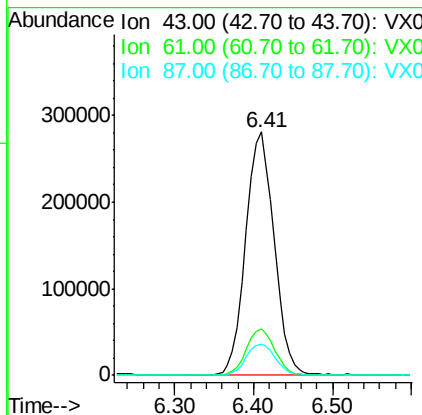
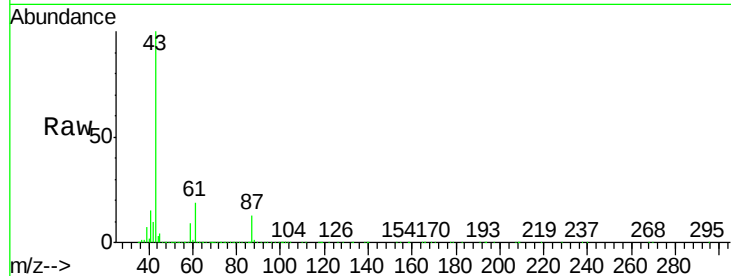
Isopropyl Acetate
 Concen: 45.718 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.5	23.3
87	13.3	10.5	15.7

Manual Integrations
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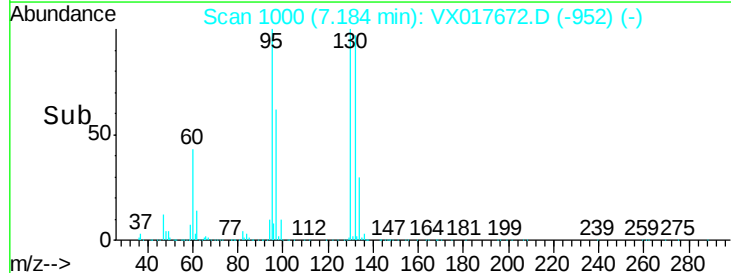
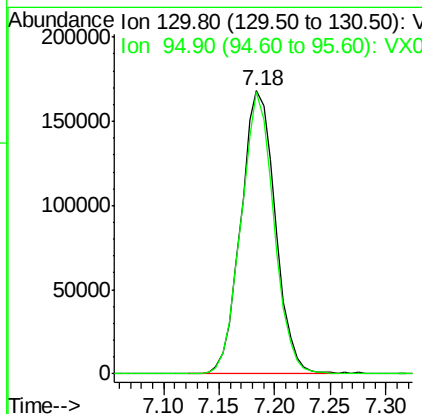
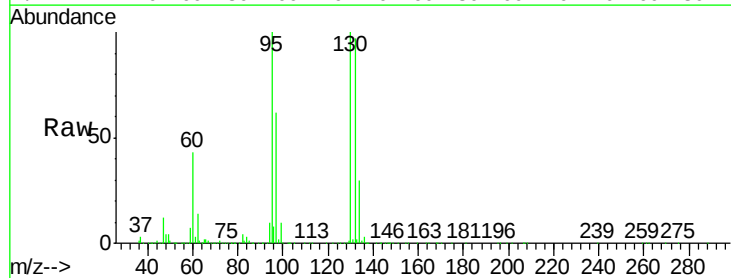
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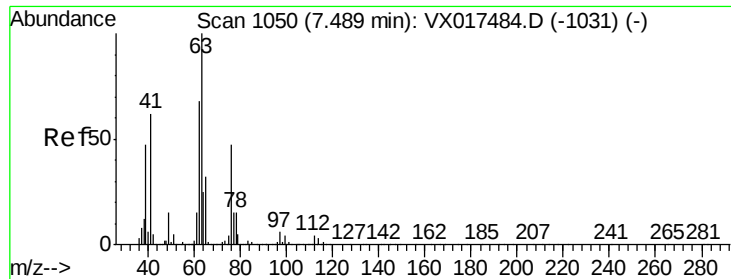


#44

Trichloroethene
 Concen: 50.607 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	189.0





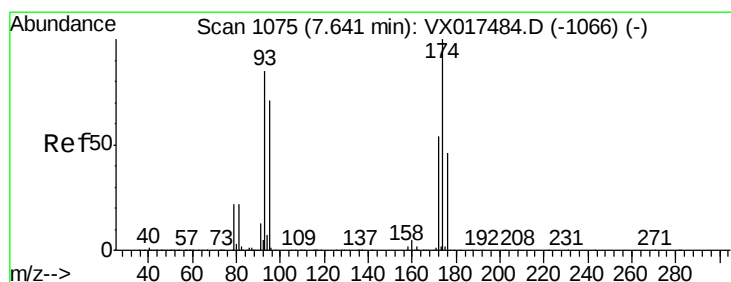
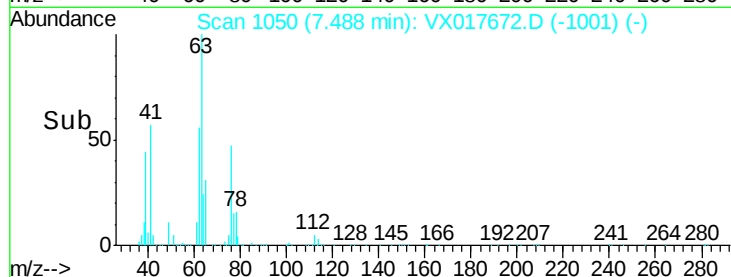
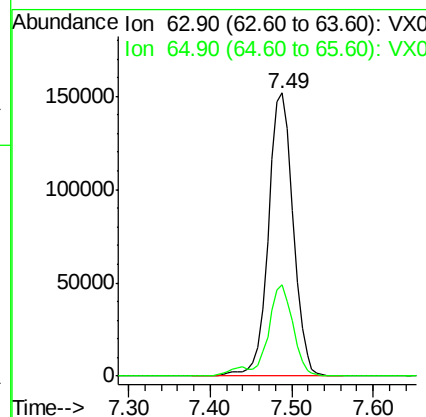
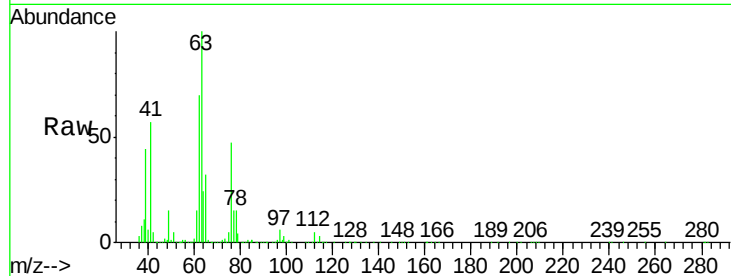
#45
 1,2-Dichloropropane
 Concen: 47.116 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.5	36.7

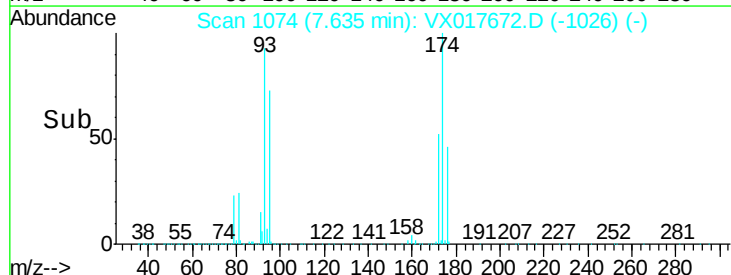
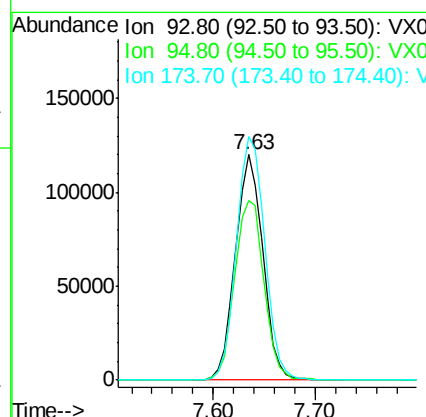
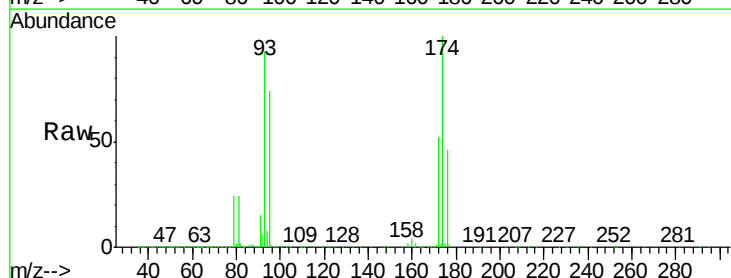
Manual Integrations
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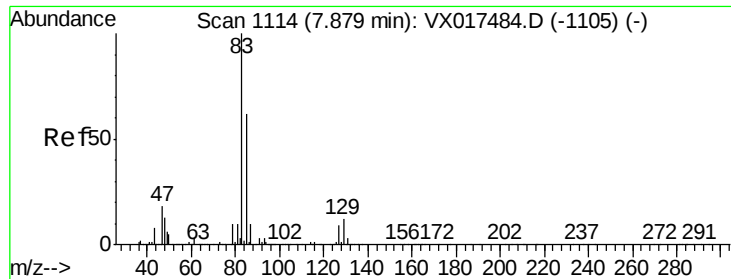
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#46
 Dibromomethane
 Concen: 46.792 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.6	99.8
174	111.0	87.0	130.6





#47

Bromodichloromethane

Concen: 48.576 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

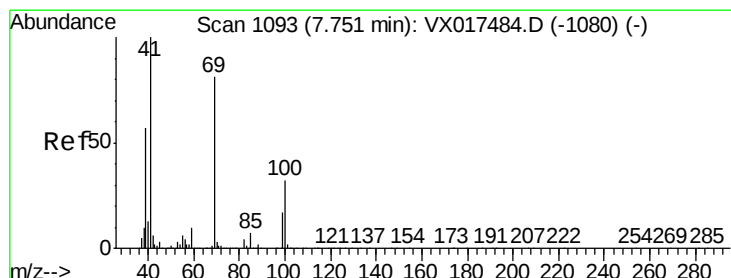
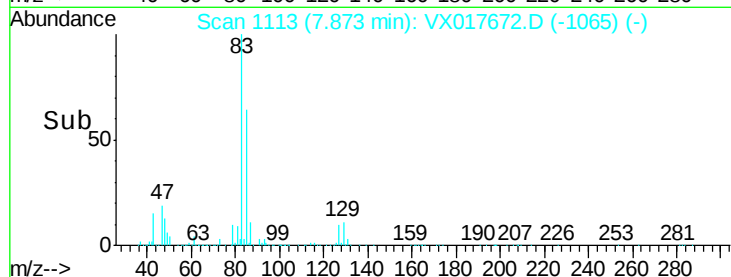
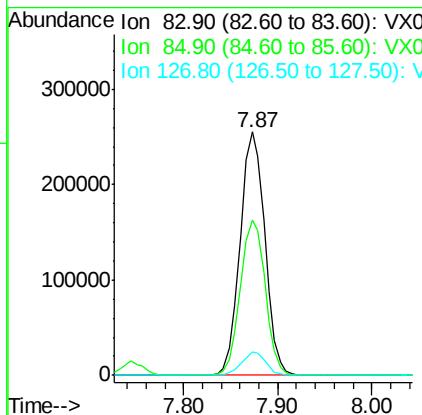
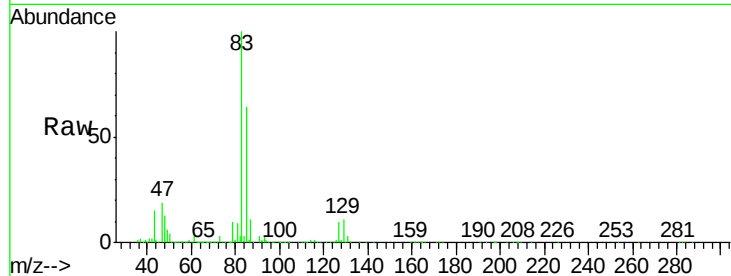
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8
127	9.8	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.455 ug/l

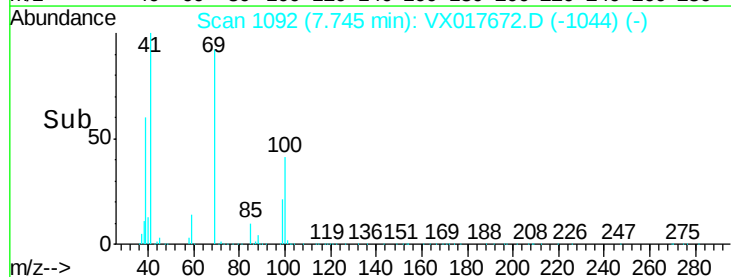
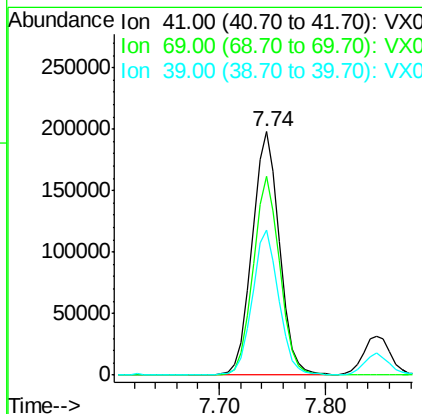
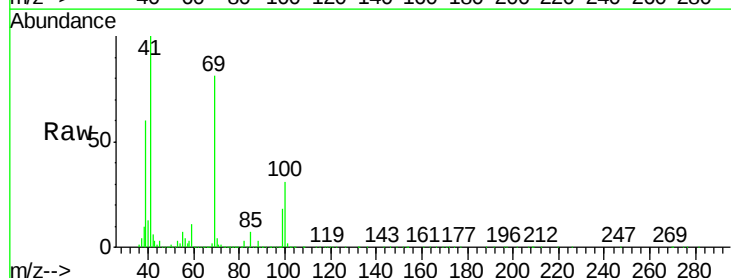
RT: 7.74 min Scan# 1092

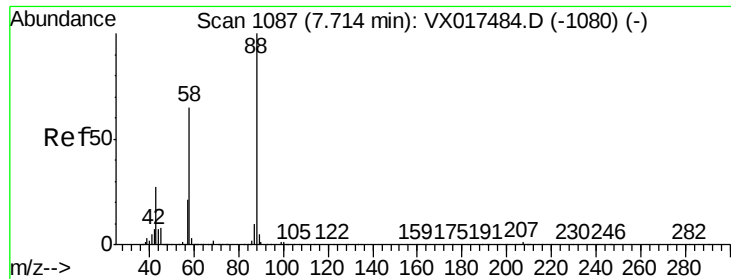
Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.7	63.1	94.7
39	57.7	45.1	67.7





#49

1,4-Dioxane

Concen: 907.040 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

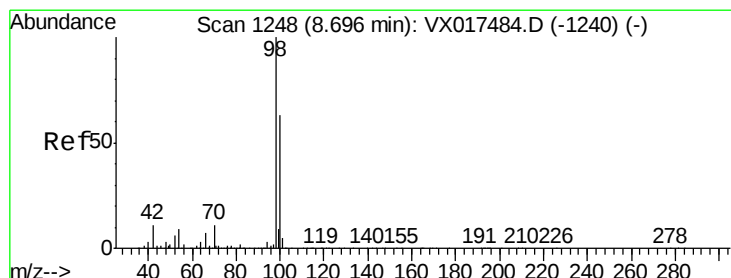
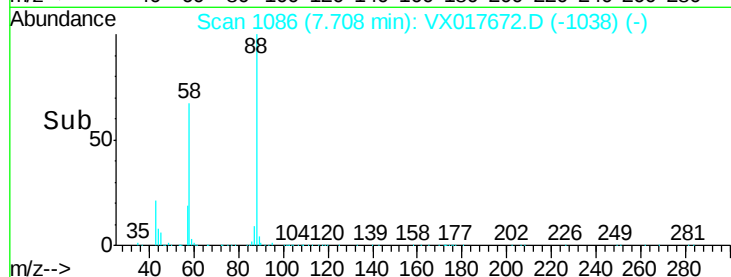
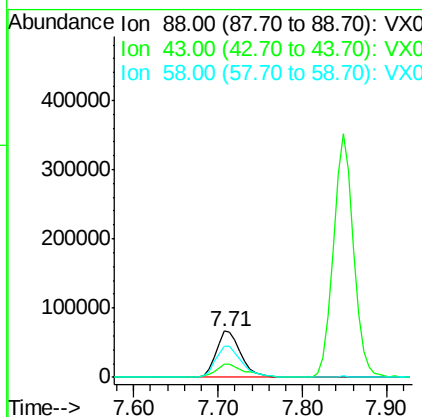
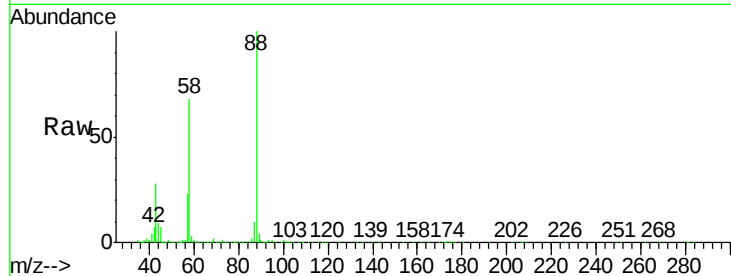
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	132861
Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.8	41.6
58	72.0	58.3	87.5

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#50

Toluene-d8

Concen: 49.224 ug/l

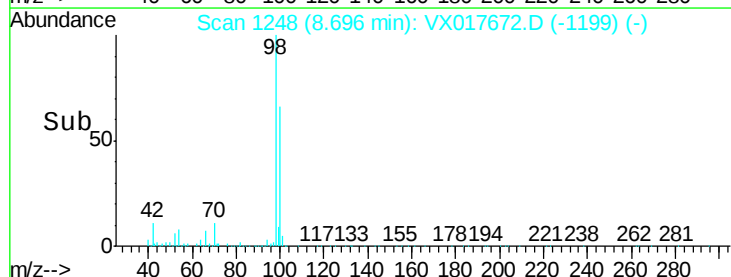
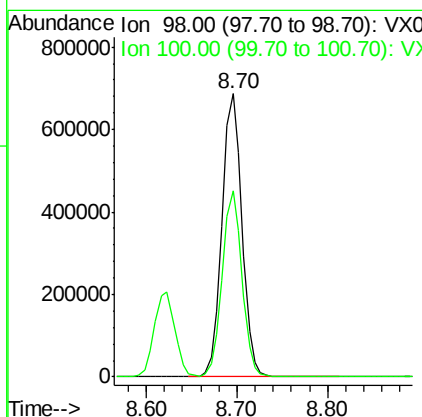
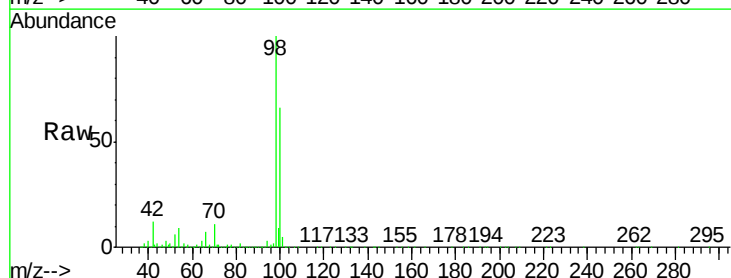
RT: 8.70 min Scan# 1248

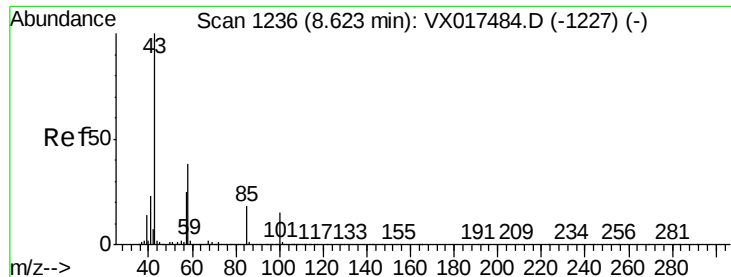
Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Tgt Ion:	98	Resp:	1057199
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





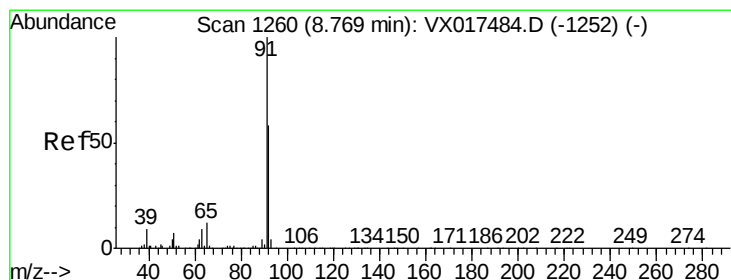
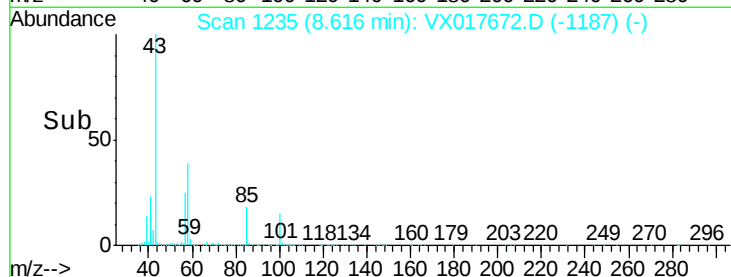
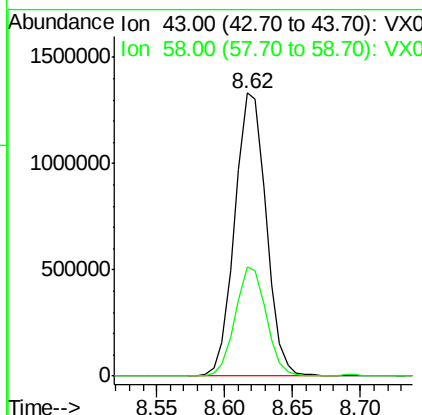
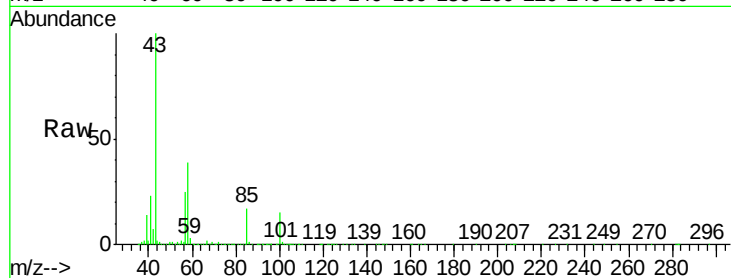
#51
4-Methyl-2-Pentanone
Concen: 233.968 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2151635
Ion Ratio Lower Upper
43 100
58 37.9 31.0 46.4

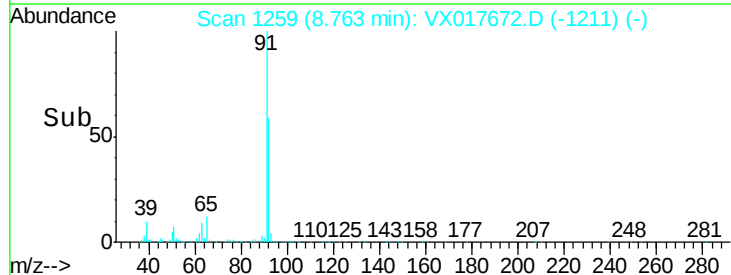
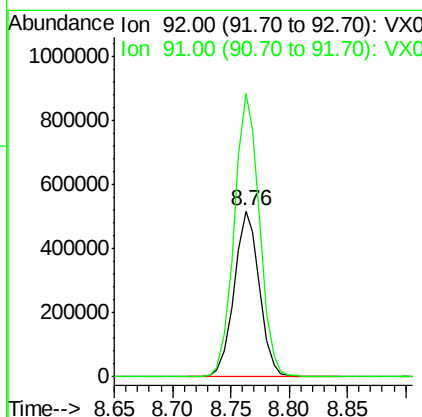
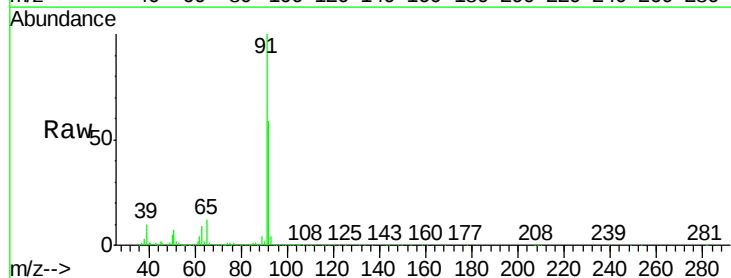
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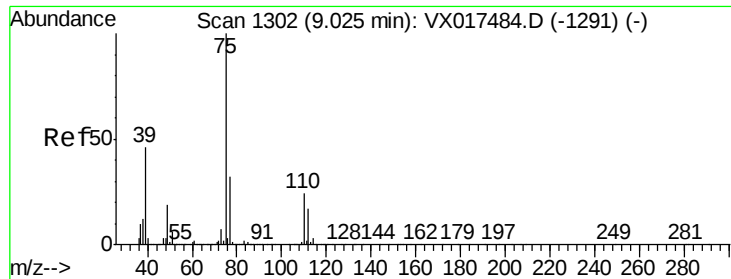
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#52
Toluene
Concen: 49.503 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion: 92 Resp: 777072
Ion Ratio Lower Upper
92 100
91 171.3 137.6 206.4





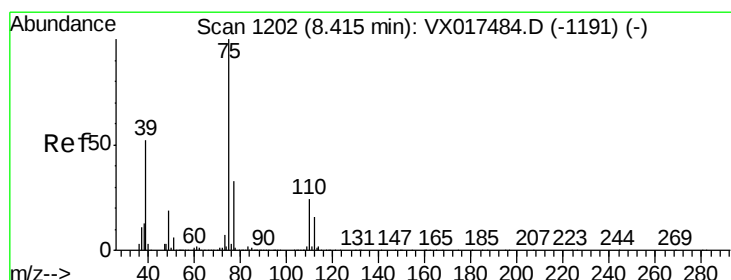
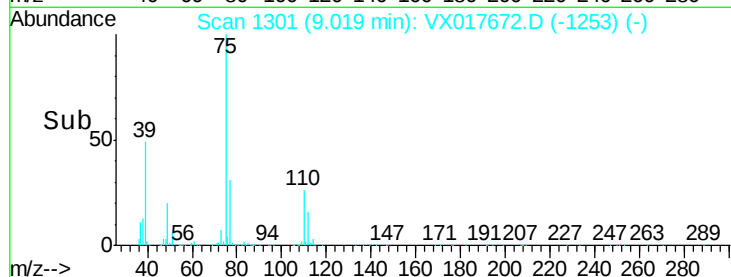
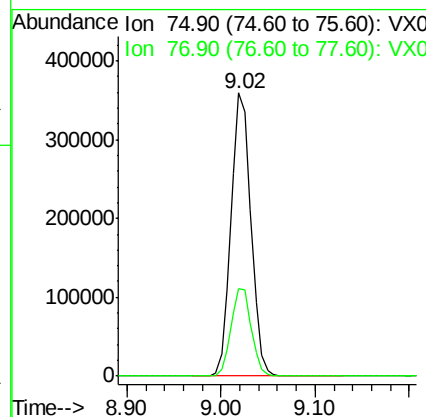
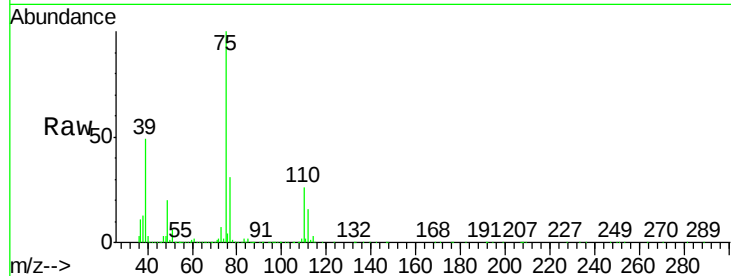
#53
t-1,3-Dichloropropene
Concen: 48.729 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 526322
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3

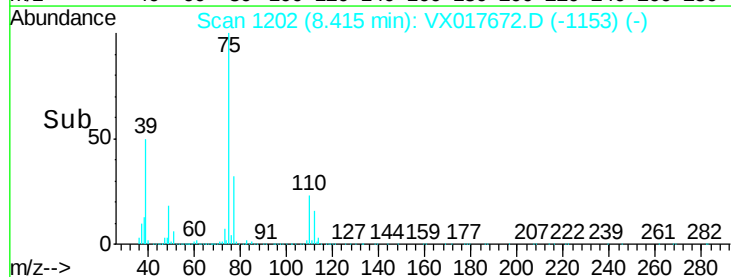
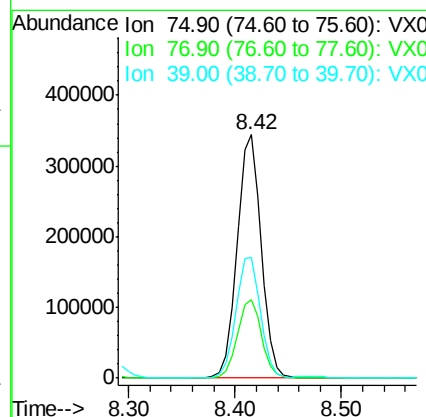
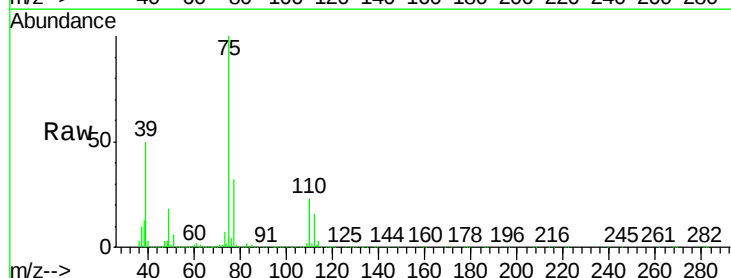
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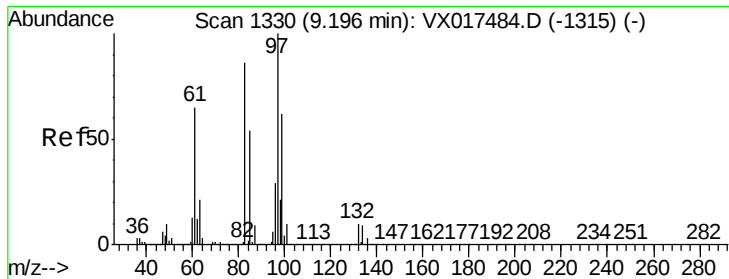
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#54
cis-1,3-Dichloropropene
Concen: 49.547 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion: 75 Resp: 545861
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 49.5 41.8 62.8





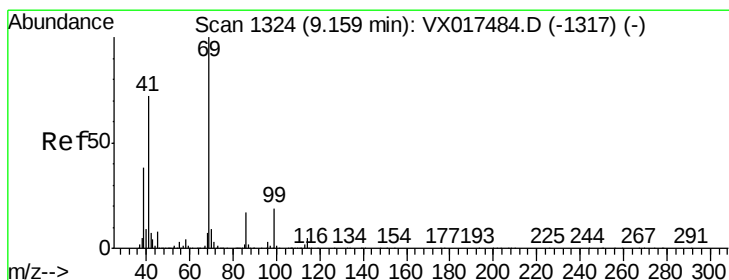
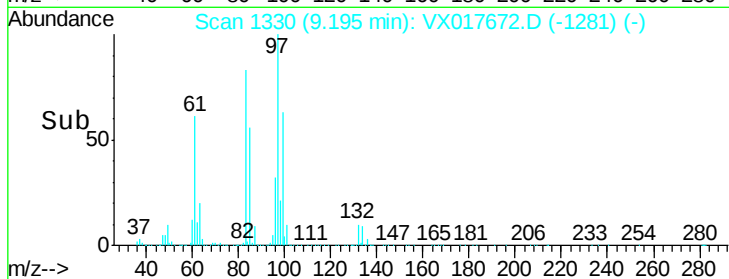
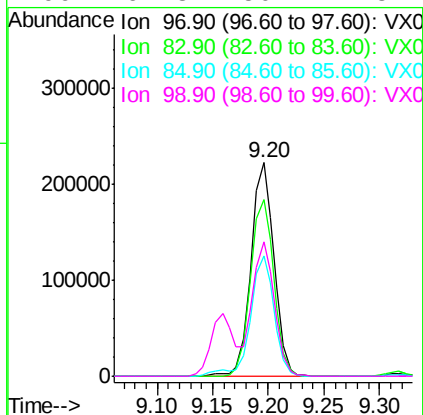
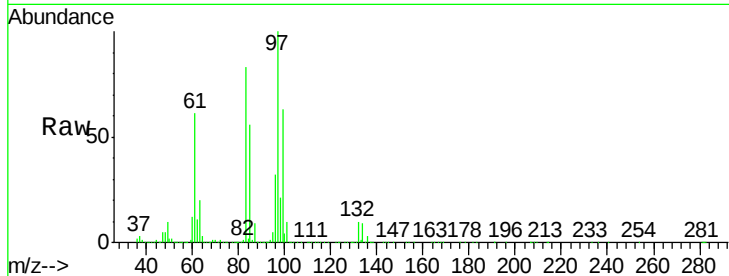
#55
 1,1,2-Trichloroethane
 Concen: 48.687 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	318377		
83	82.8	67.6	101.4	
85	56.4	44.6	67.0	
99	62.8	50.2	75.4	

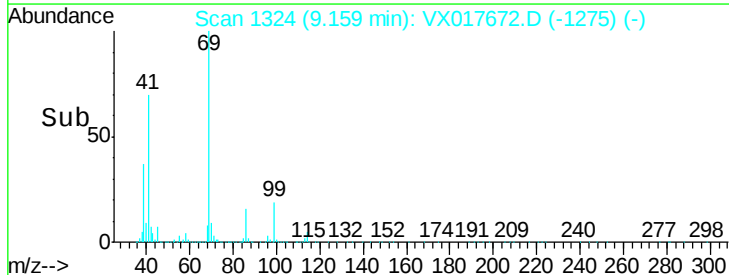
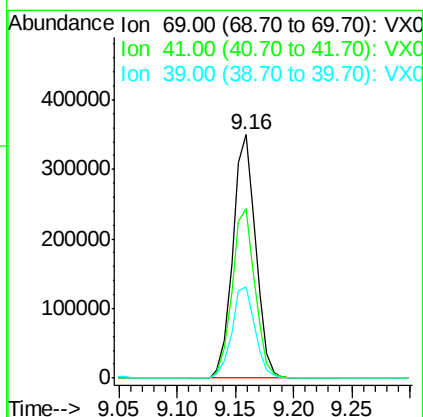
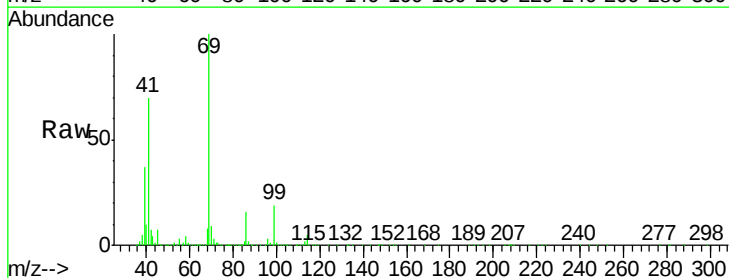
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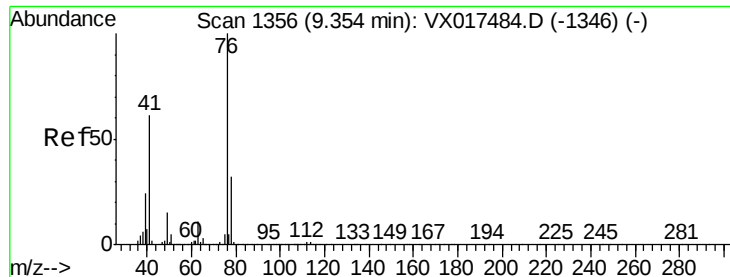
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#56
 Ethyl methacrylate
 Concen: 48.602 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	478820		
41	69.5	55.0	82.6	
39	37.7	30.0	45.0	





#57

1,3-Dichloropropane

Concen: 48.333 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 520430

Ion Ratio Lower Upper

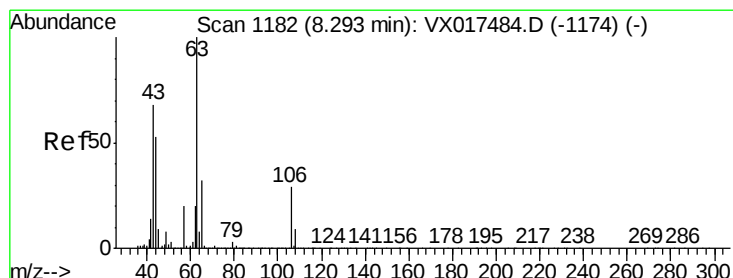
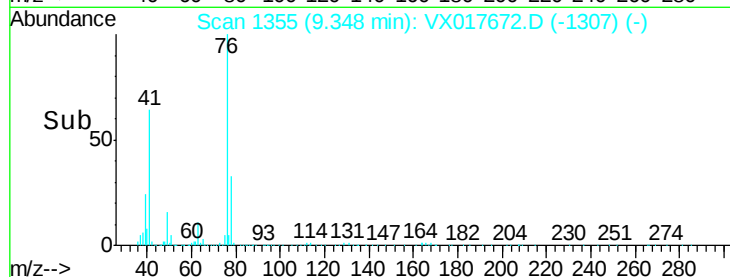
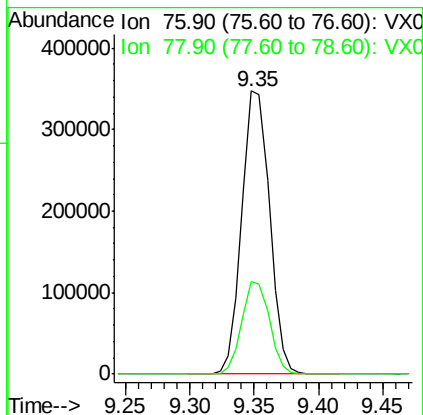
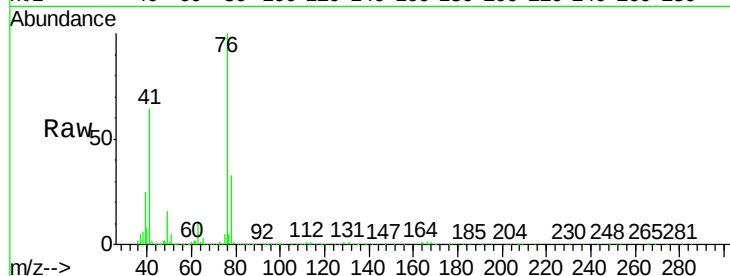
76 100

78 32.6 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 235.787 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017672.D

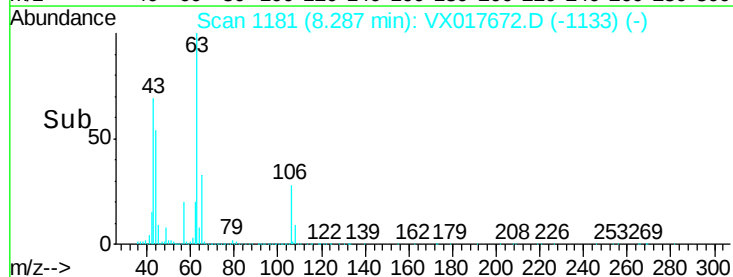
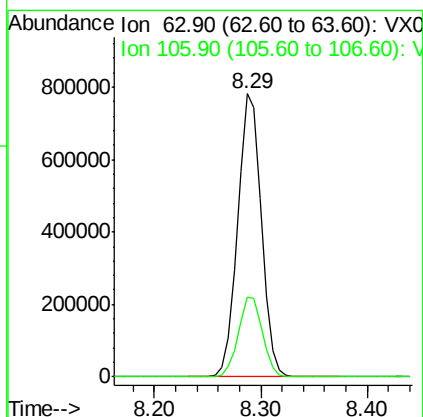
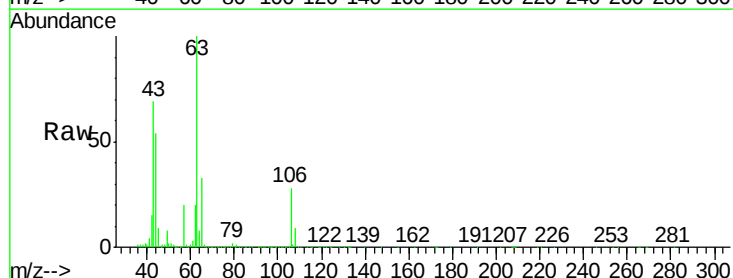
Acq: 29 Jul 2020 17:20

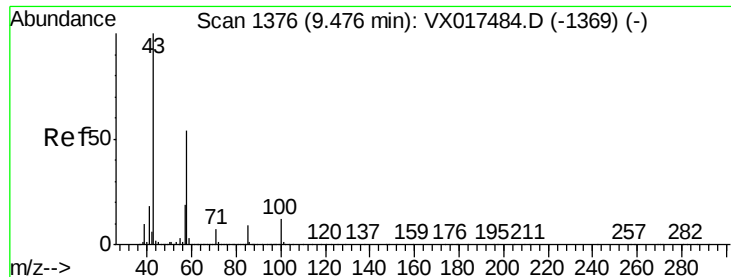
Tgt Ion: 63 Resp: 1223830

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0





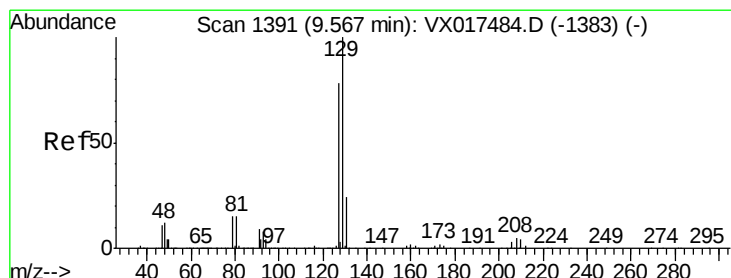
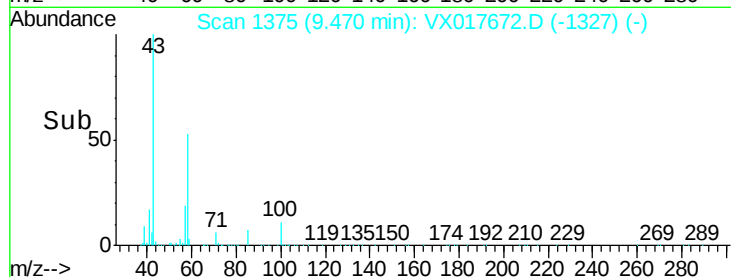
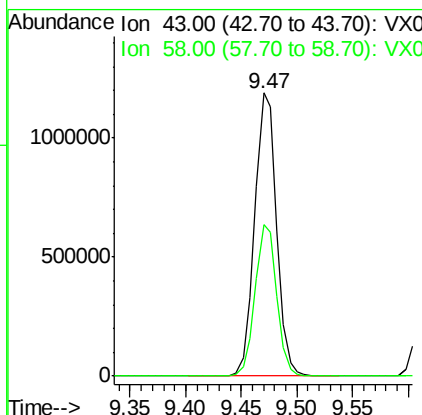
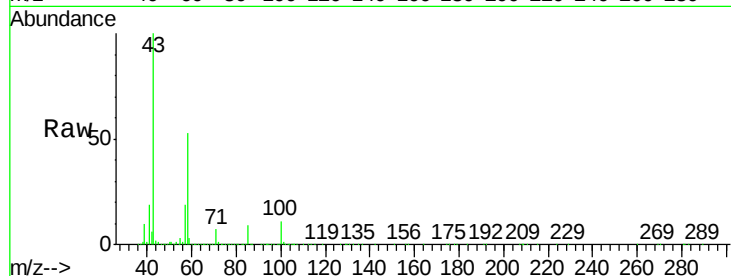
#59
2-Hexanone
Concen: 235.565 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1631000
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.8

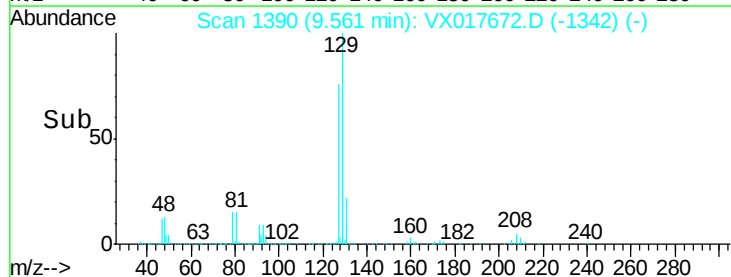
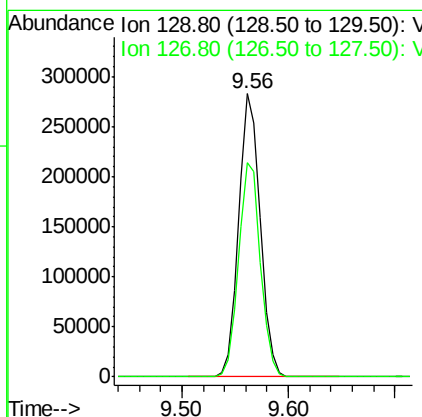
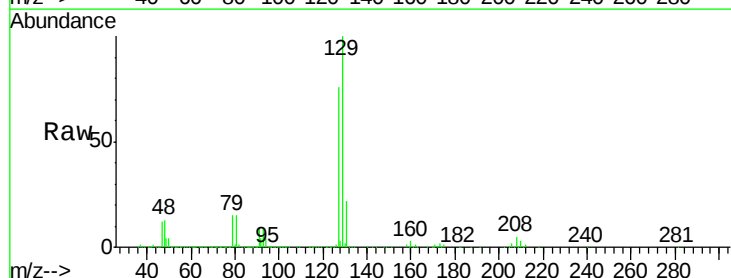
Manual Integrations
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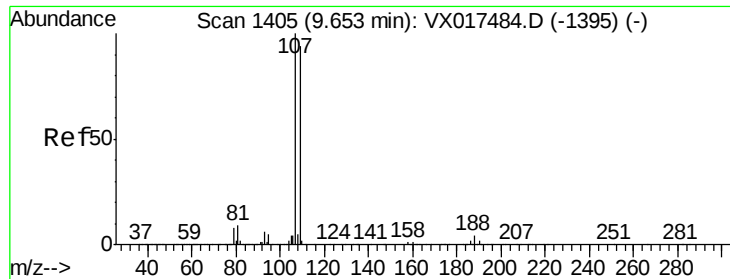
MMDadoda
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#60
Dibromochloromethane
Concen: 48.648 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion: 129 Resp: 404335
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.713 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 353061

Ion Ratio Lower Upper

107 100

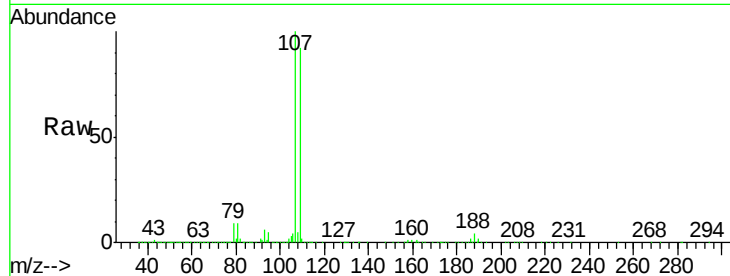
109 93.0 74.9 112.3

Manual Integrations

APPROVED

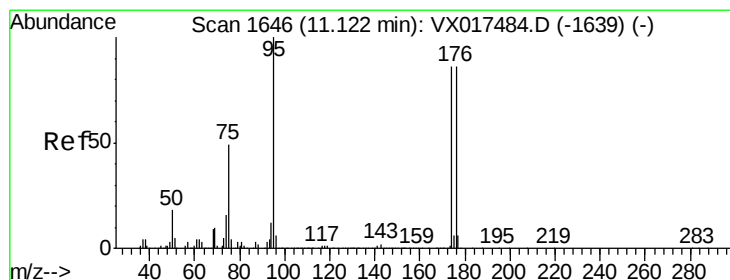
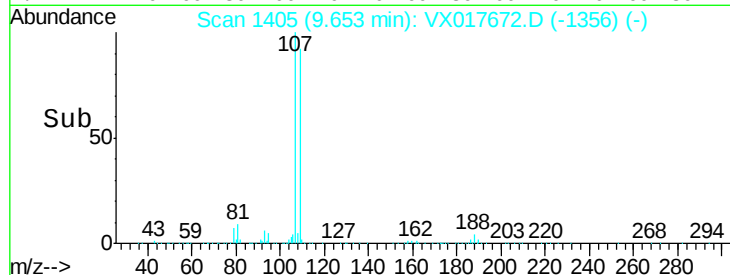
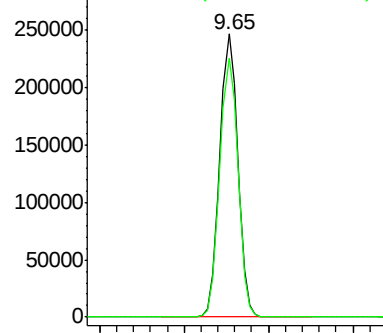
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.438 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

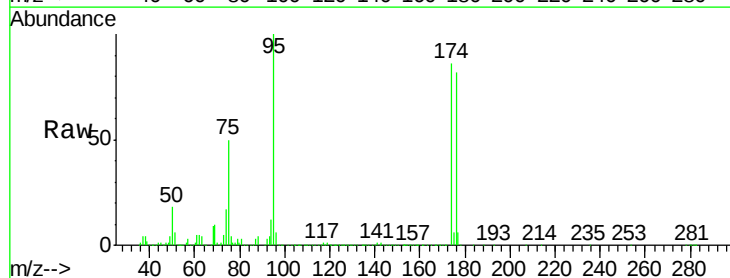
Tgt Ion: 95 Resp: 416339

Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

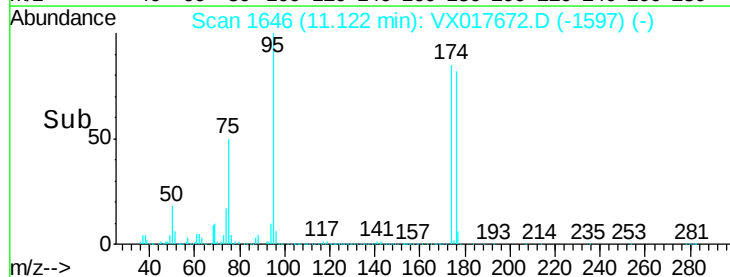
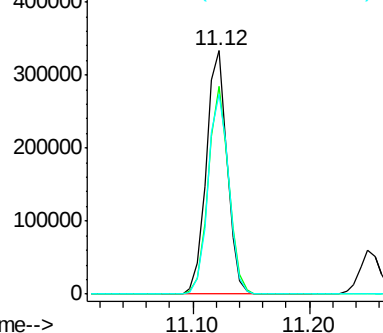
176 82.4 0.0 161.0

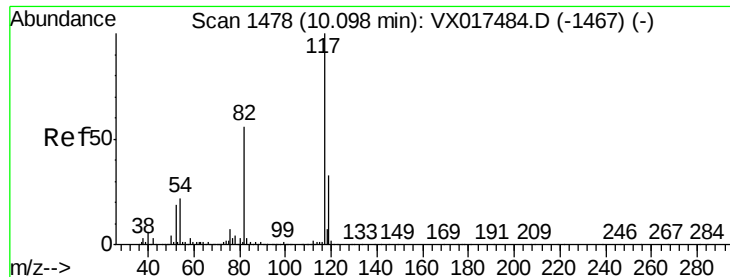


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





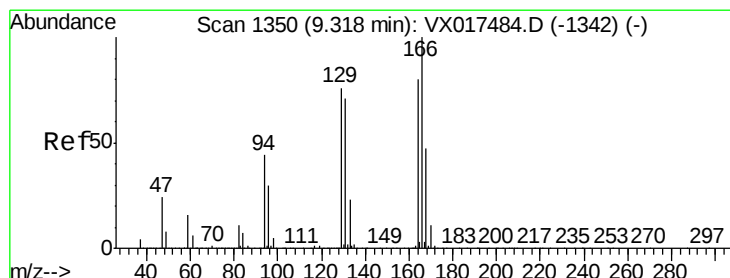
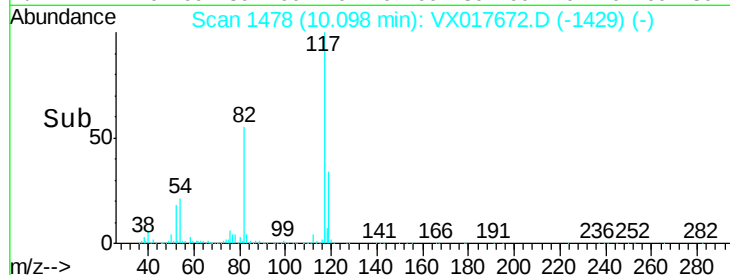
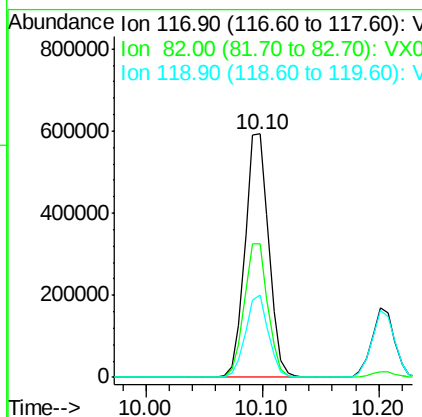
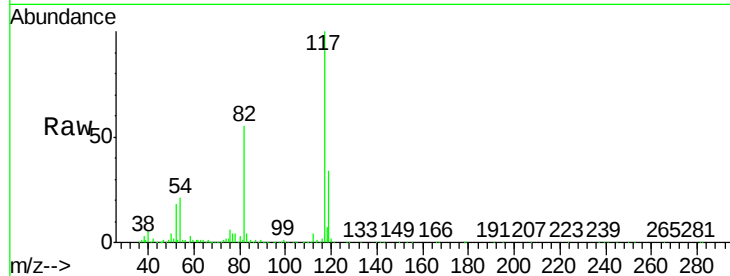
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	843966		
82	55.0	44.0	66.0	
119	33.6	25.4	38.0	

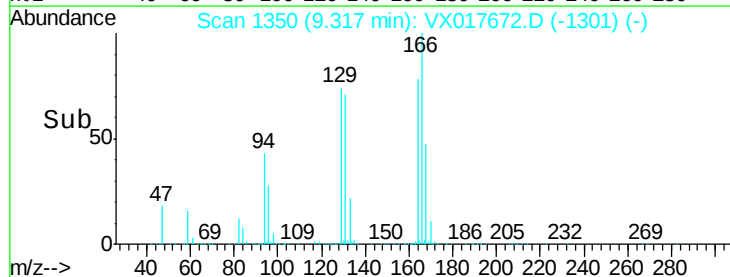
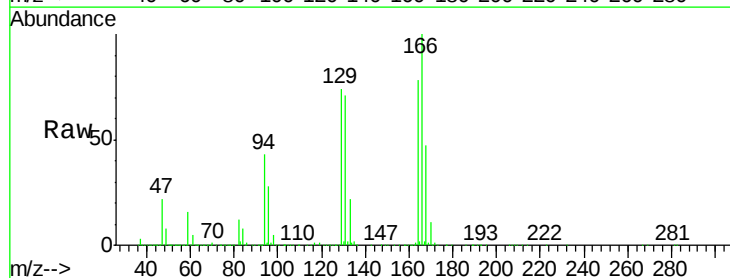
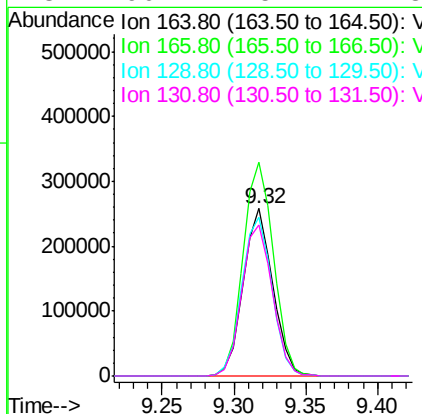
Manual Integrations
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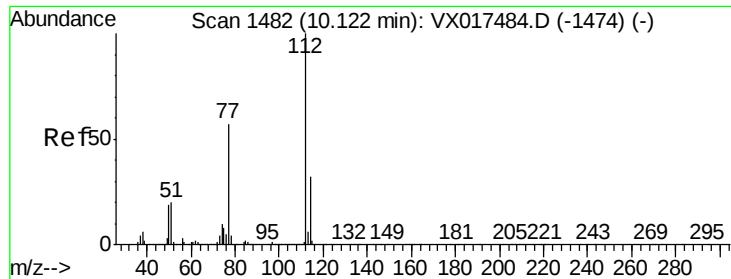
MMDadoda
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#64
Tetrachloroethene
Concen: 48.150 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	364729		
166	127.8	100.6	150.8	
129	94.8	75.0	112.6	
131	90.4	75.2	112.8	





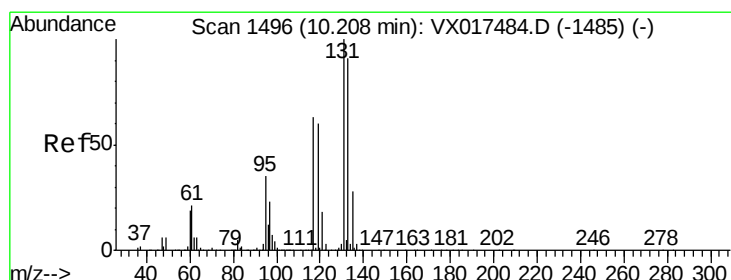
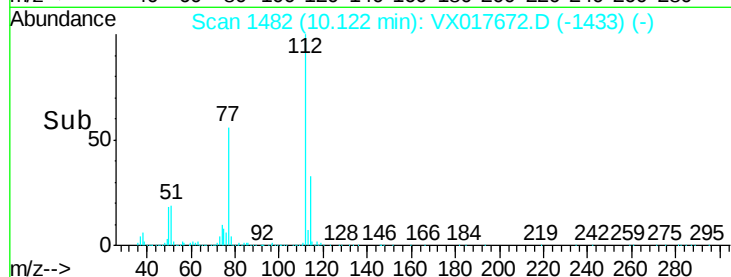
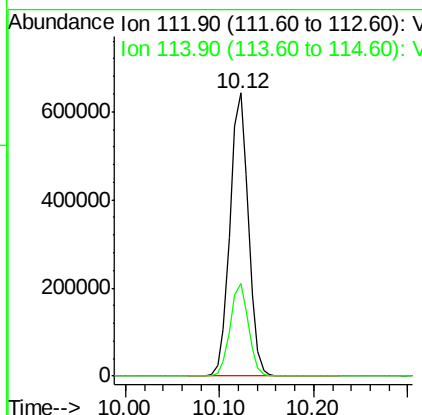
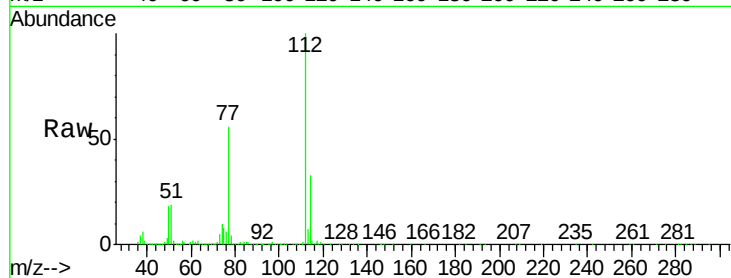
#65
Chlorobenzene
Concen: 47.619 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 869900
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

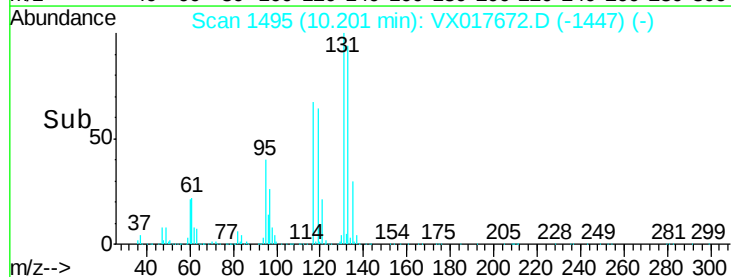
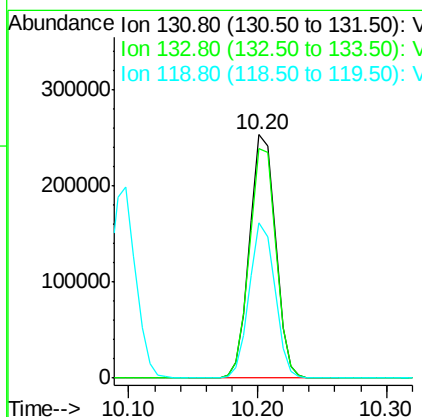
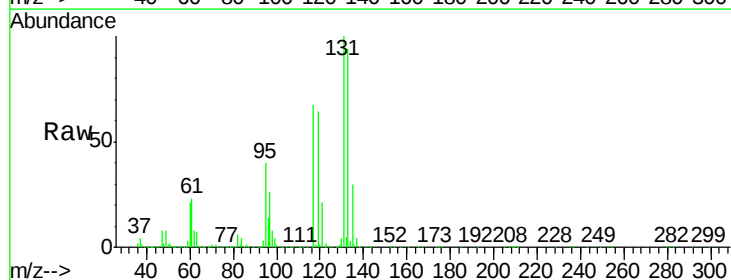
Manual Integrations
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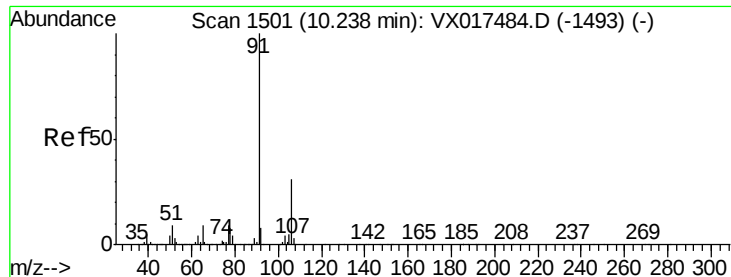
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.702 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion:131 Resp: 351692
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 63.0 31.1 93.3





#67

Ethyl Benzene

Concen: 50.200 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1530780

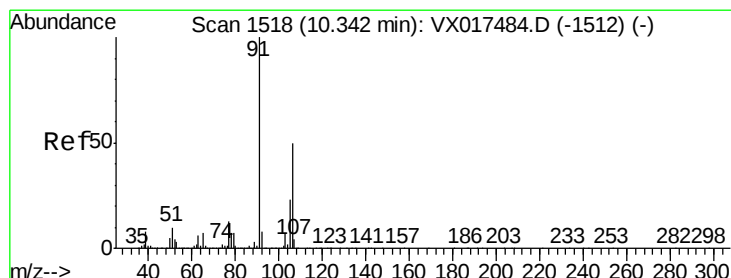
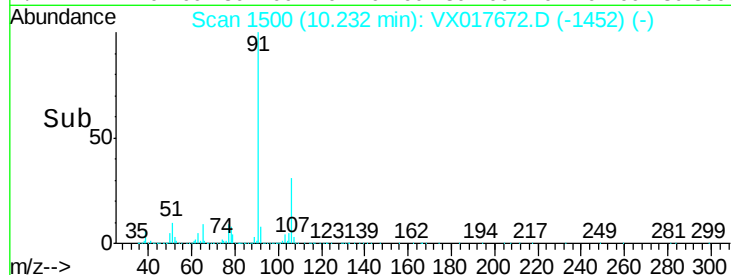
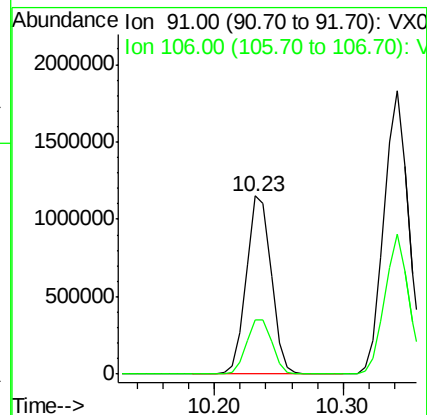
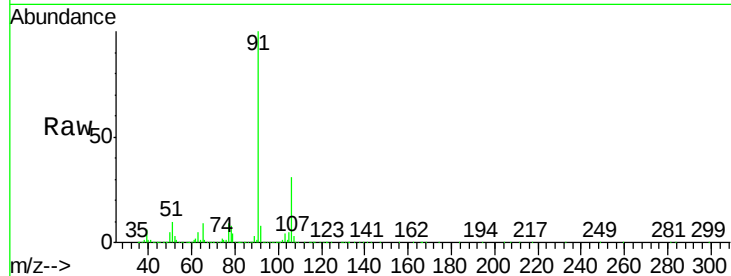
Ion Ratio Lower Upper

91 100

106 30.8 25.8 38.6

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 98.624 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017672.D

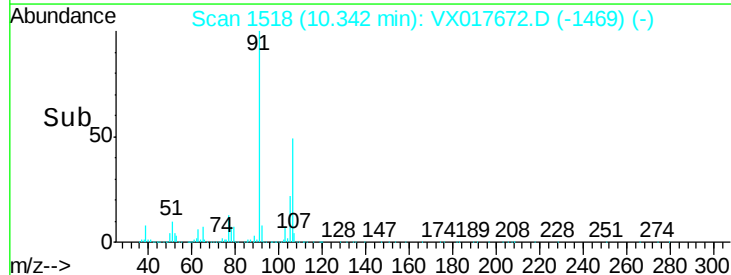
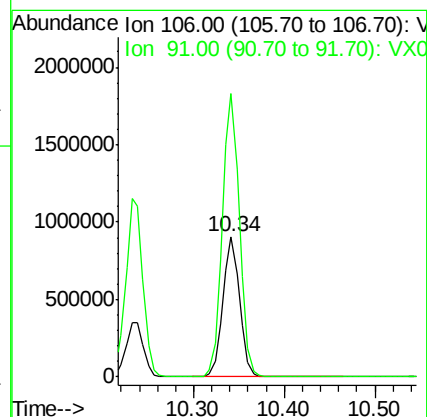
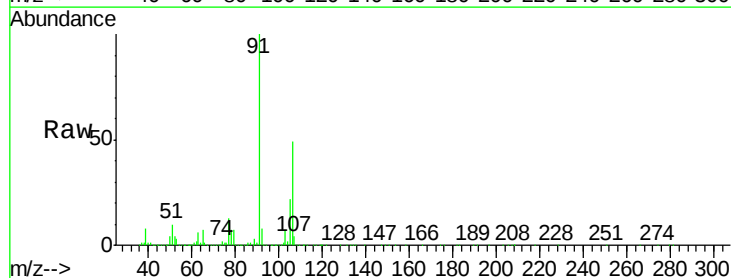
Acq: 29 Jul 2020 17:20

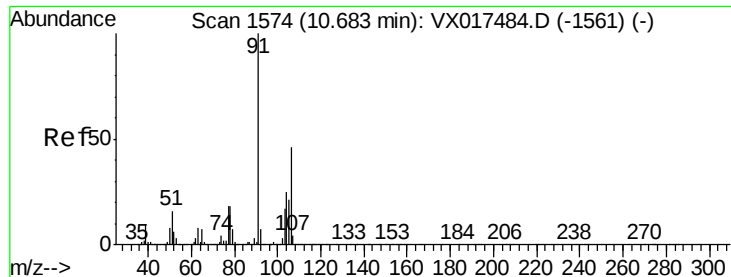
Tgt Ion: 106 Resp: 1165069

Ion Ratio Lower Upper

106 100

91 206.6 160.9 241.3





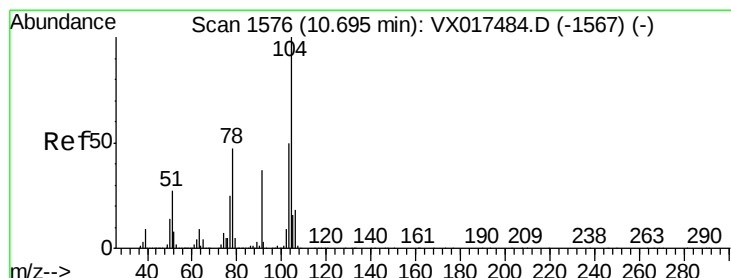
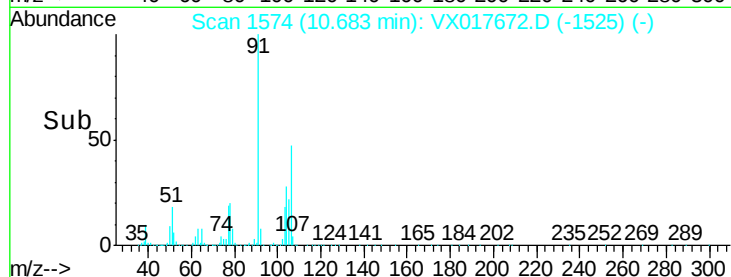
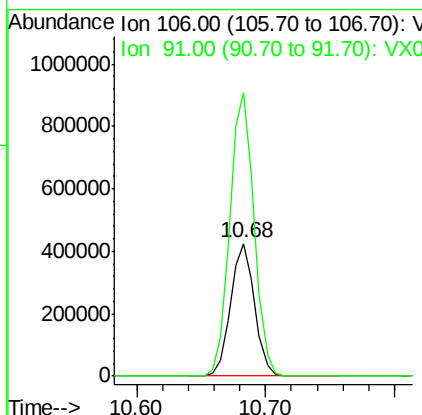
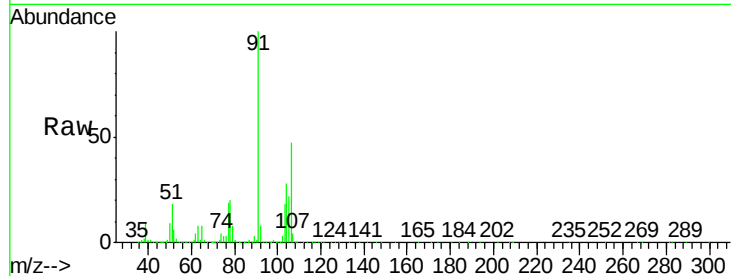
#69
o-Xylene
Concen: 48.542 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	551519		
91	216.7	108.2	324.6	

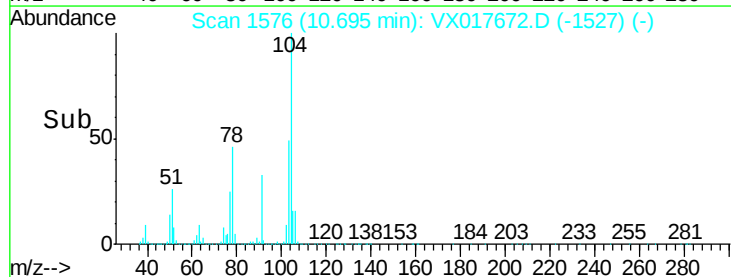
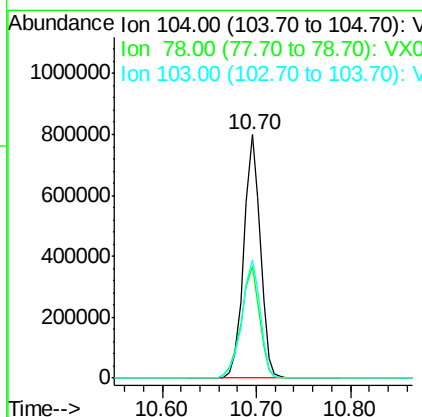
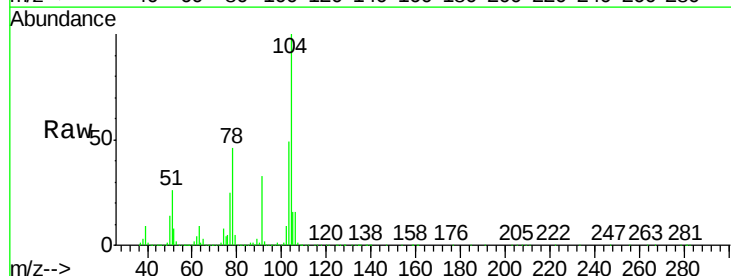
Manual Integrations
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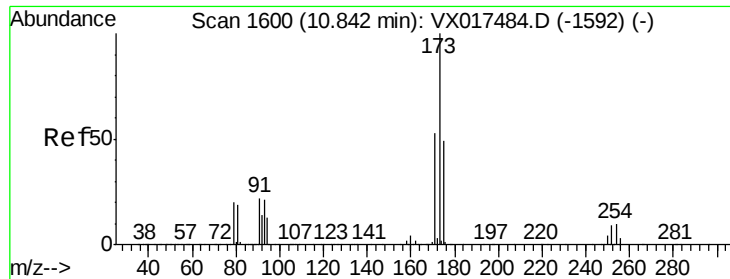
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#70
Styrene
Concen: 50.437 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	974994		
78	51.4	42.5	63.7	
103	54.0	44.3	66.5	





#71

Bromoform

Concen: 46.625 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 297820

Ion Ratio Lower Upper

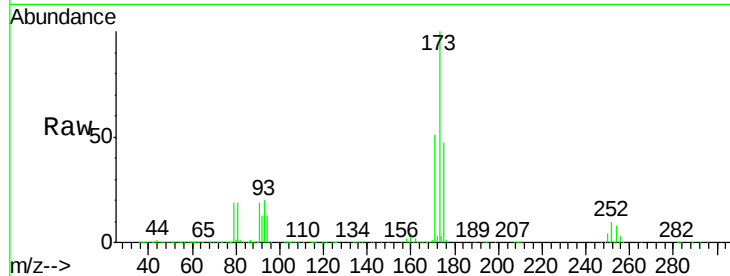
173 100

175 49.2 23.8 71.5

254 0.2 0.1 0.1#

Manual Integrations
APPROVED

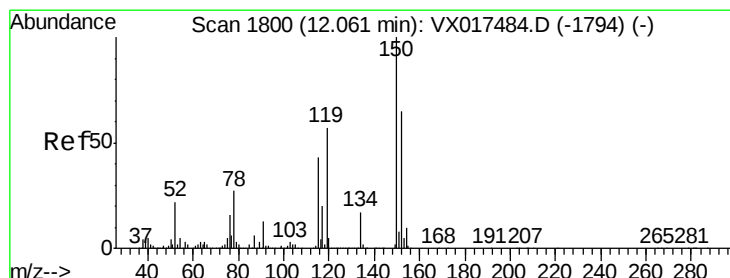
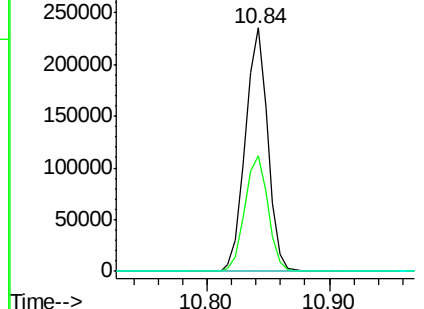
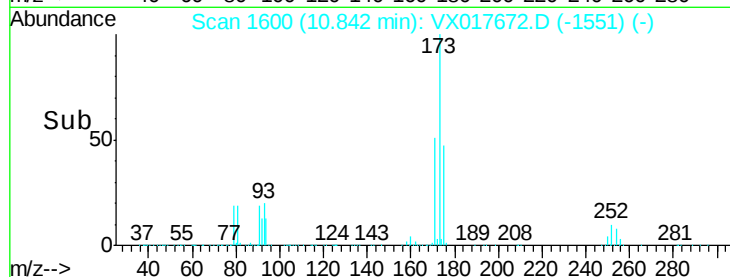
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

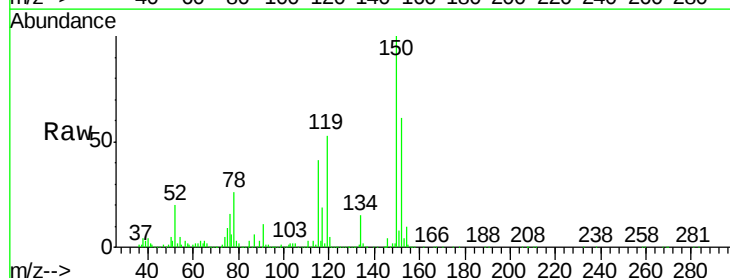
Tgt Ion:152 Resp: 449268

Ion Ratio Lower Upper

152 100

115 83.6 65.5 196.6

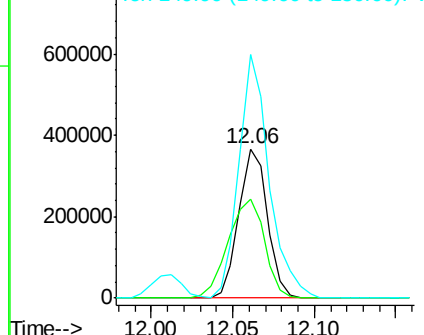
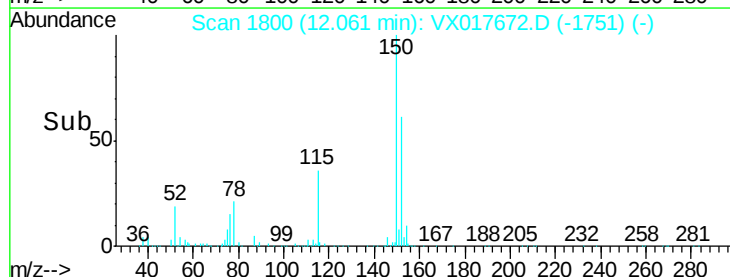
150 172.2 0.0 412.6

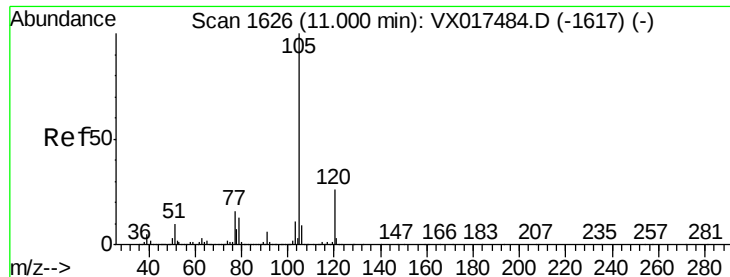


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.145 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1545492

Ion Ratio Lower Upper

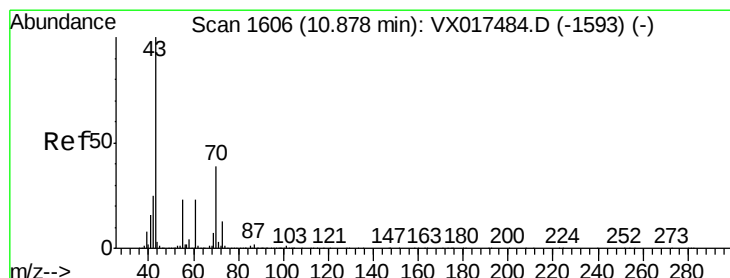
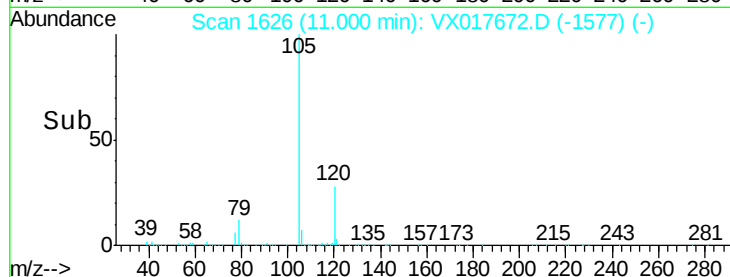
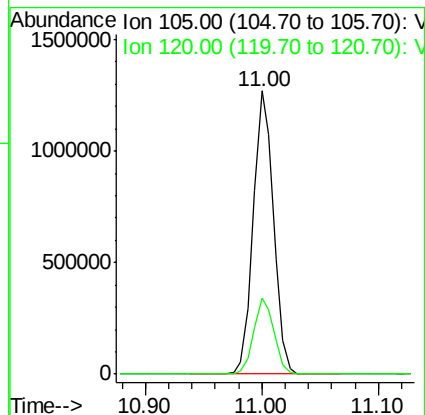
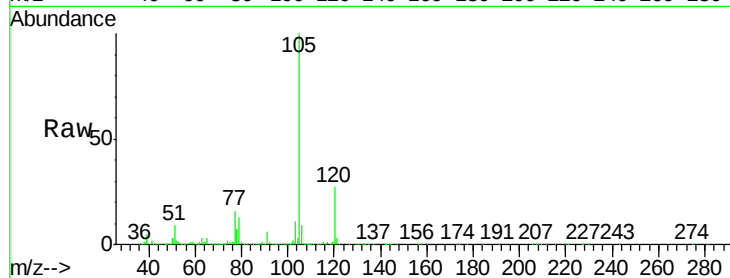
105 100

120 26.9 13.3 39.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 46.255 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Tgt Ion: 43 Resp: 633411

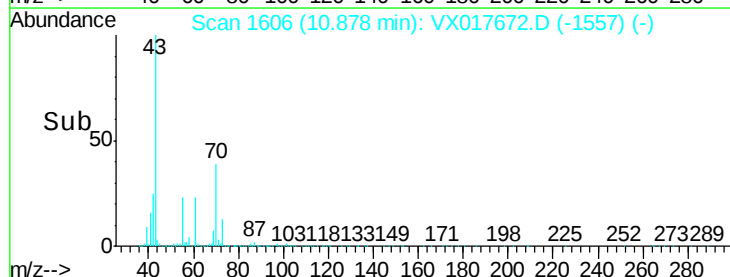
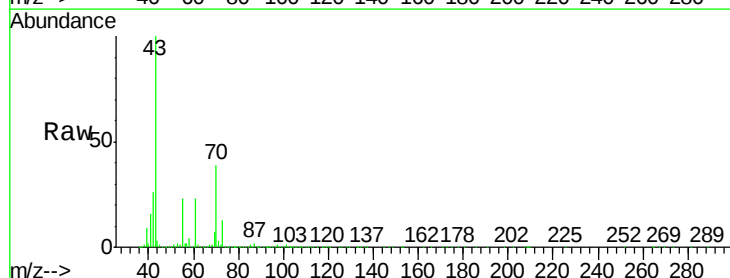
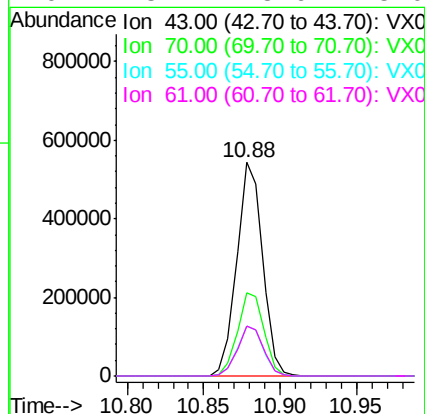
Ion Ratio Lower Upper

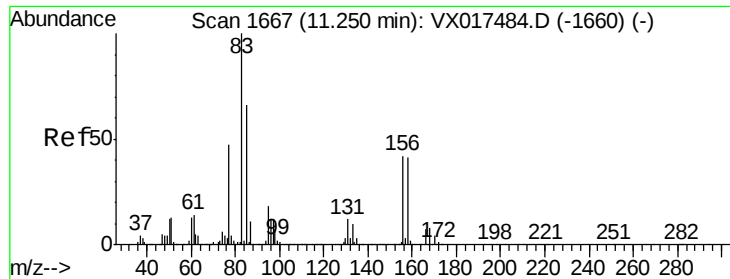
43 100

70 39.8 32.3 48.5

55 23.8 18.4 27.6

61 23.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.063 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 423892
Ion Ratio Lower Upper

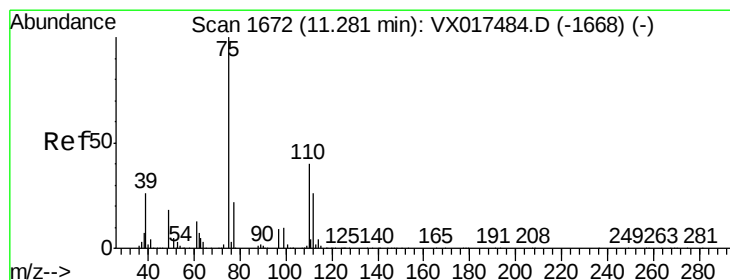
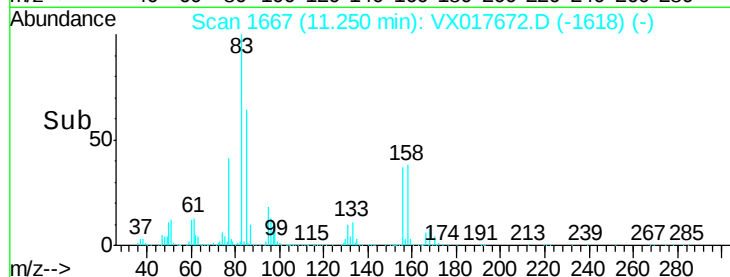
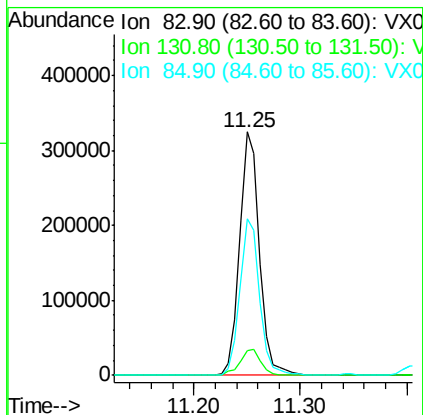
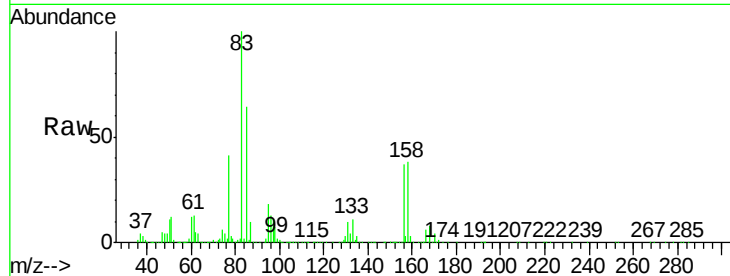
83 100

131 11.2 5.5 16.5

85 64.3 32.1 96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.896 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

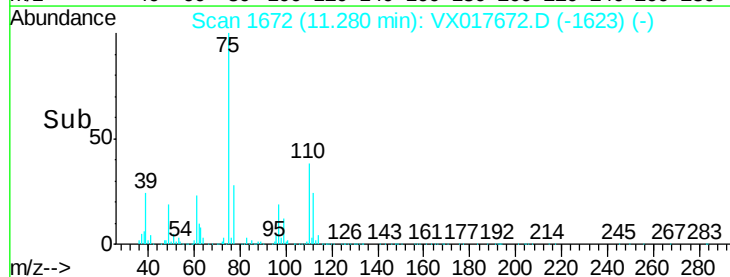
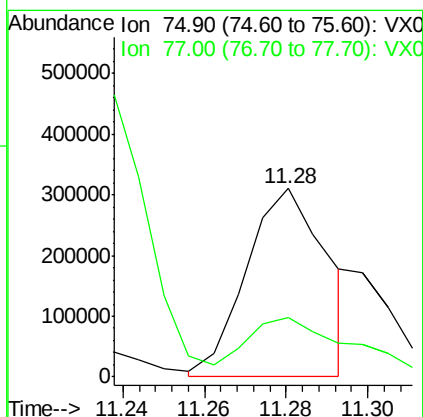
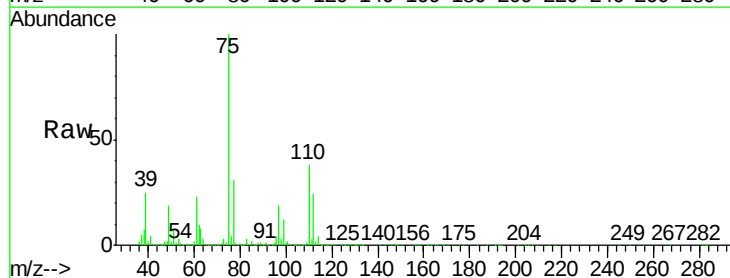
Lab File: VX017672.D

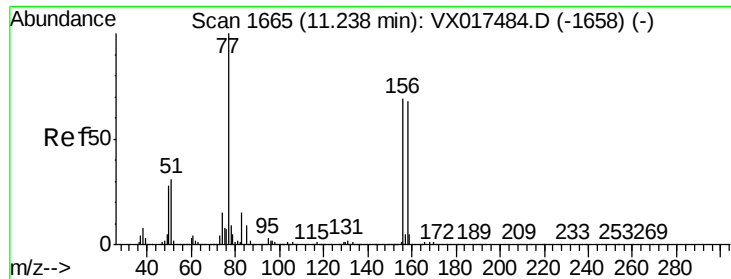
Acq: 29 Jul 2020 17:20

Tgt Ion: 75 Resp: 424150
Ion Ratio Lower Upper

75 100

77 40.8 21.8 65.3





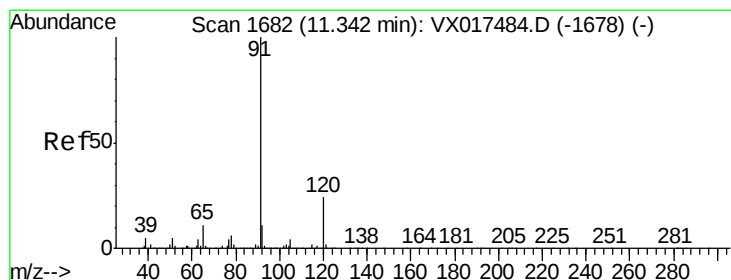
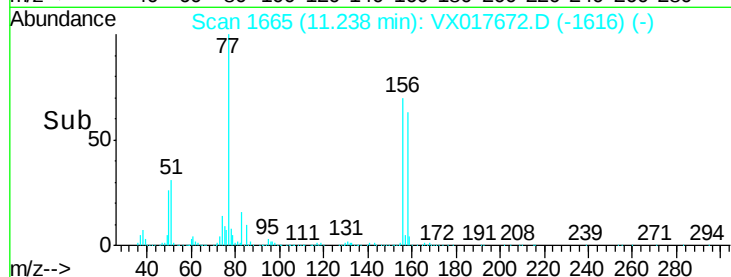
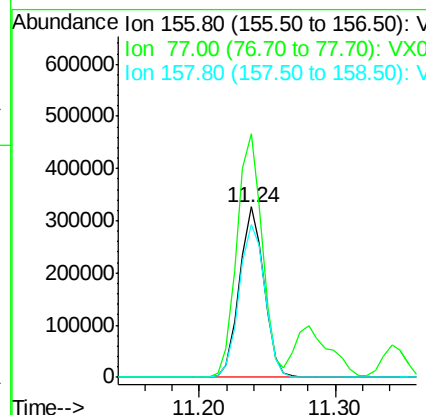
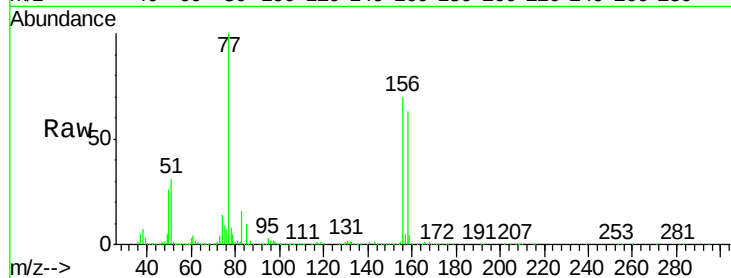
#77
Bromobenzene
Concen: 47.524 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	147.5	75.0	225.0
158	94.8	49.1	147.3

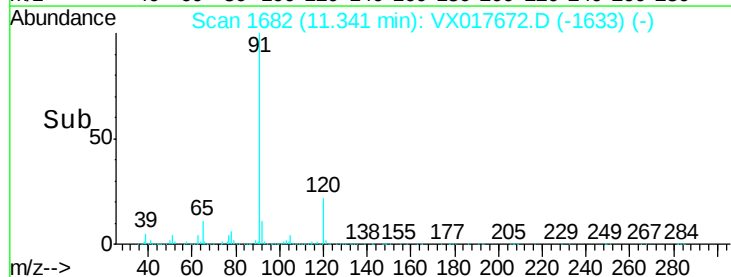
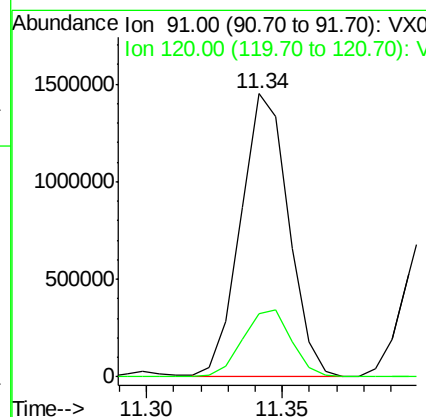
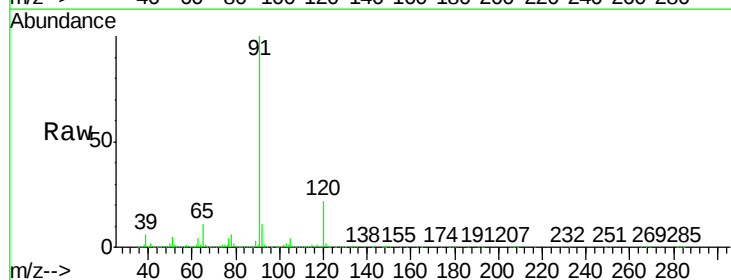
Manual Integrations
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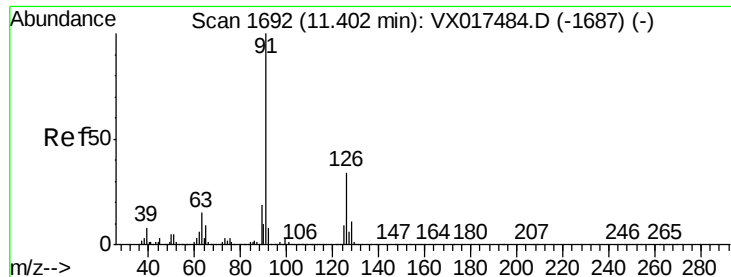
MMDadoda
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#78
n-propylbenzene
Concen: 50.720 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.4





#79

2-Chlorotoluene

Concen: 48.322 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1040517

Ion Ratio Lower Upper

91 100

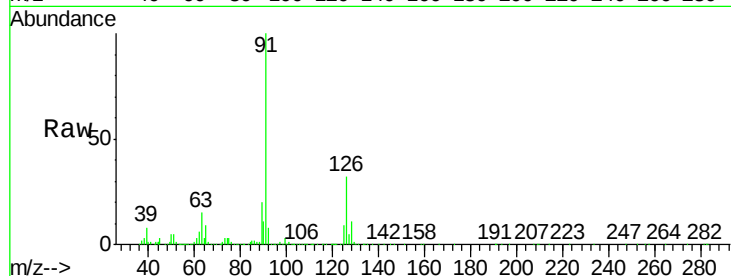
126 34.1 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017484.D (-1687) (-)

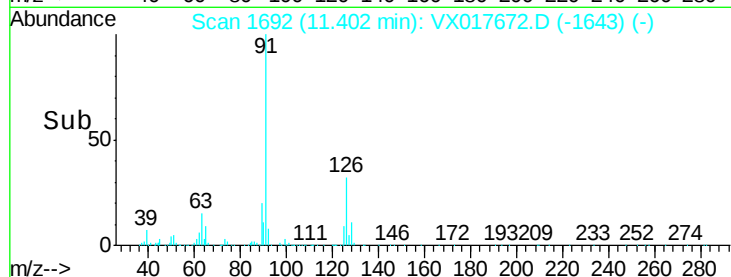
1500000

1000000

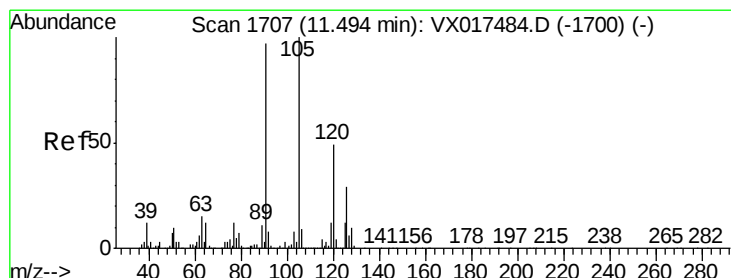
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.173 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017672.D

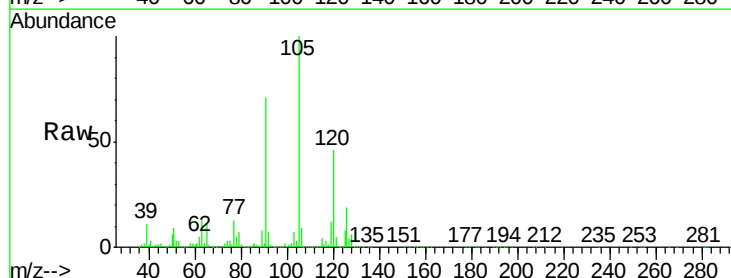
Acq: 29 Jul 2020 17:20

Tgt Ion: 105 Resp: 1320289

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017484.D (-1700) (-)

1200000

1000000

800000

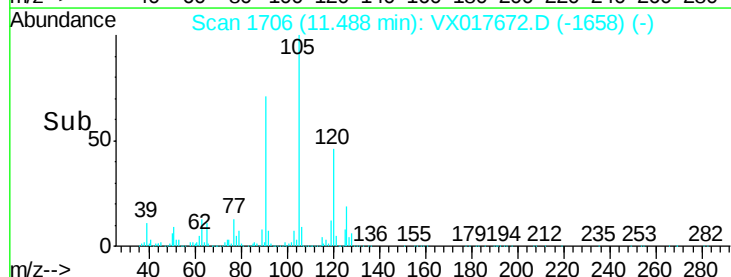
600000

400000

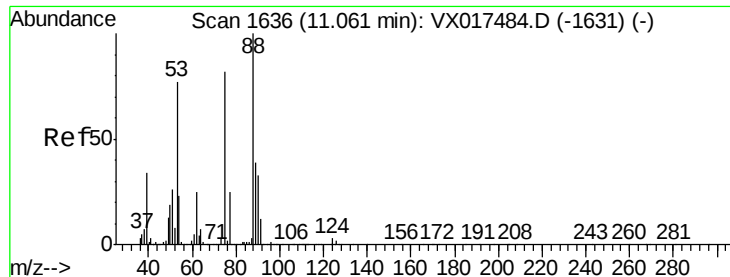
200000

0

11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 45.692 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017672.D

Acq: 29 Jul 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 167582
Ion Ratio Lower Upper

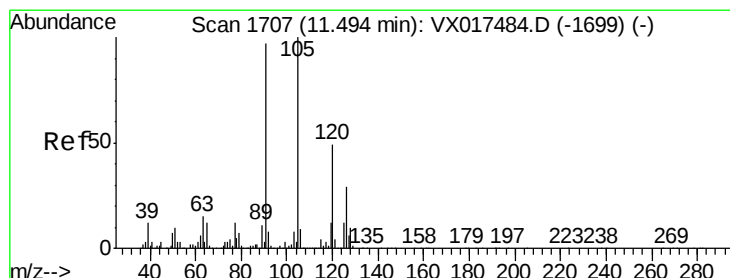
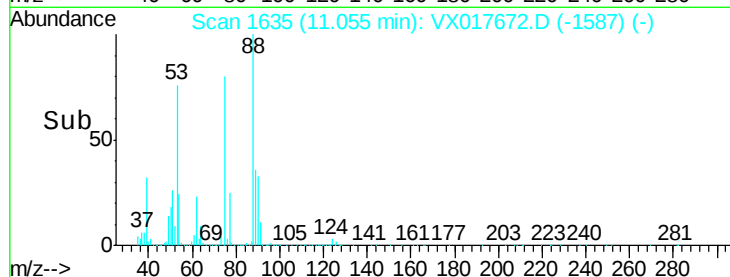
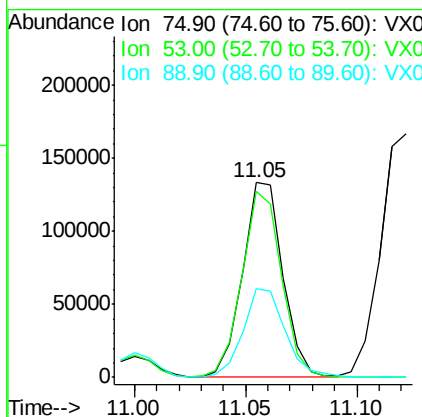
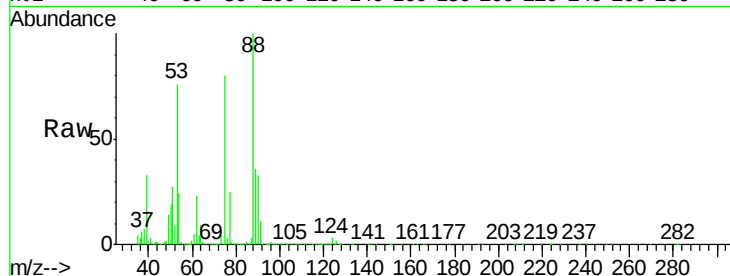
75 100

53 94.5 75.9 113.9

89 48.0 37.8 56.6

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#82

4-Chlorotoluene

Concen: 48.813 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

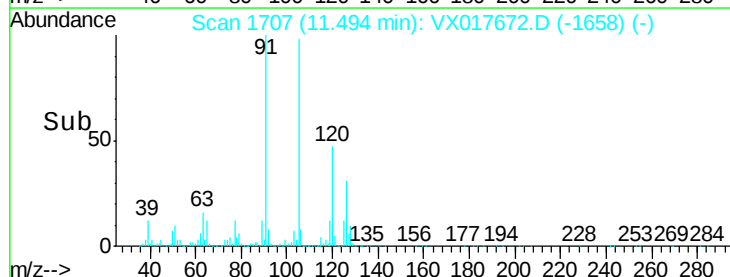
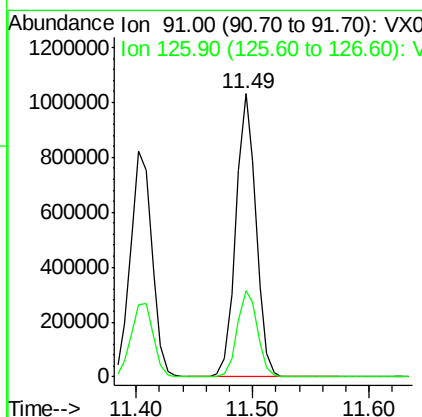
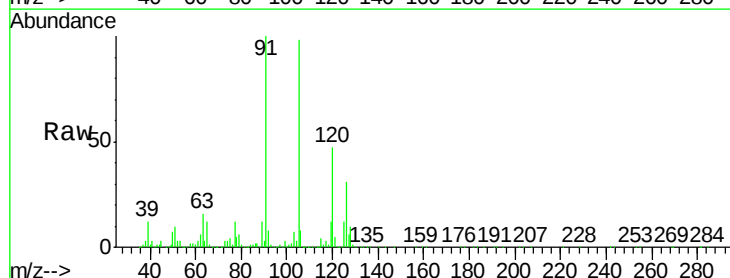
Lab File: VX017672.D

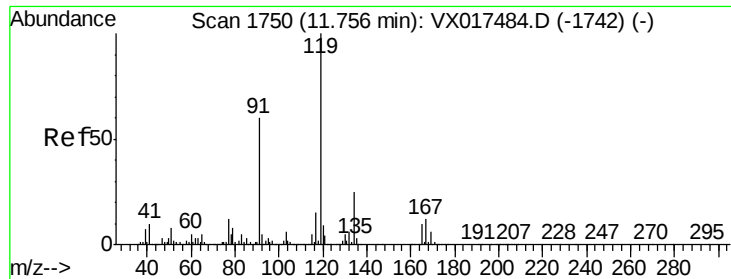
Acq: 29 Jul 2020 17:20

Tgt Ion: 91 Resp: 1239884
Ion Ratio Lower Upper

91 100

126 30.8 15.2 45.6





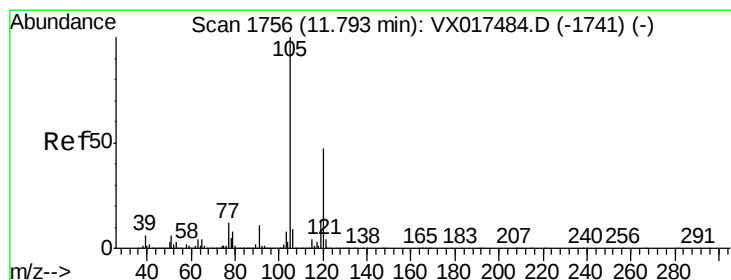
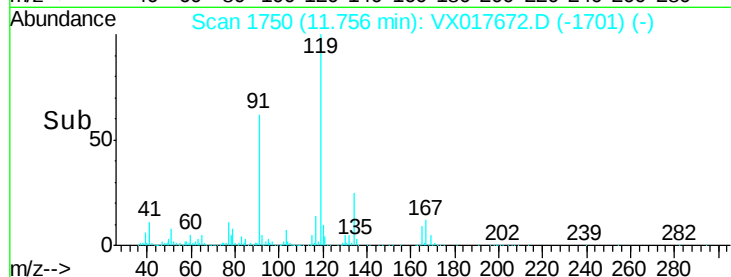
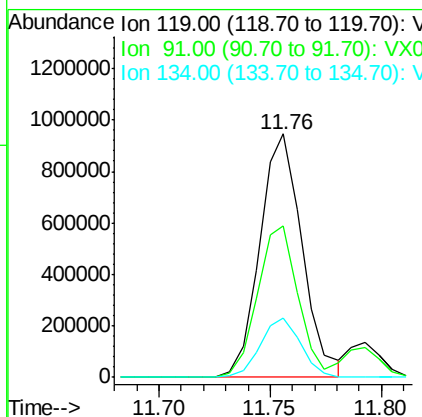
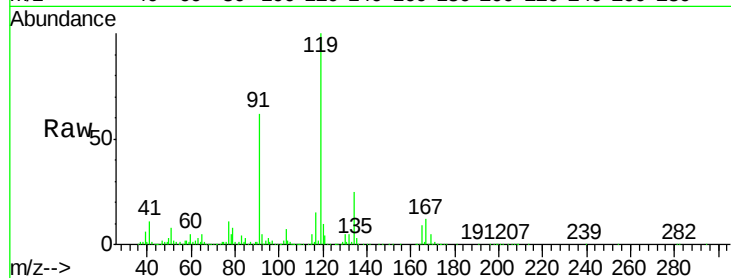
#83
 tert-Butylbenzene
 Concen: 49.575 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.4	29.3	88.0
134	23.2	11.2	33.6

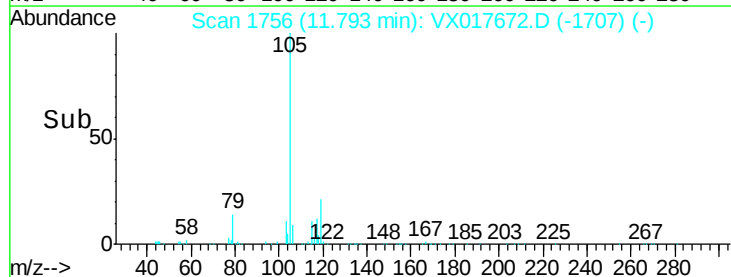
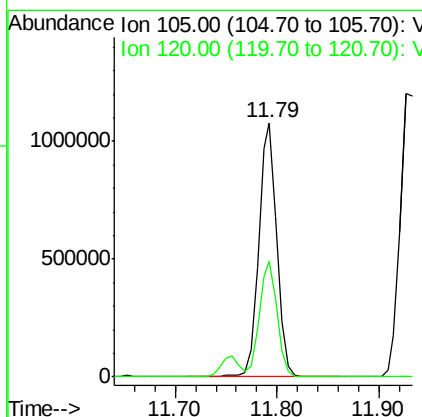
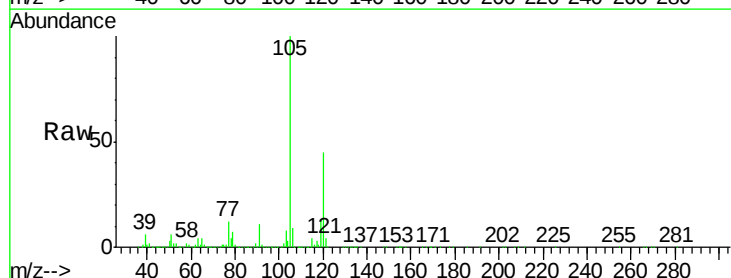
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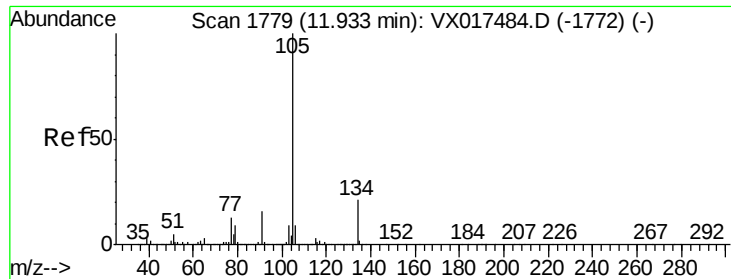
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.964 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.7	68.0





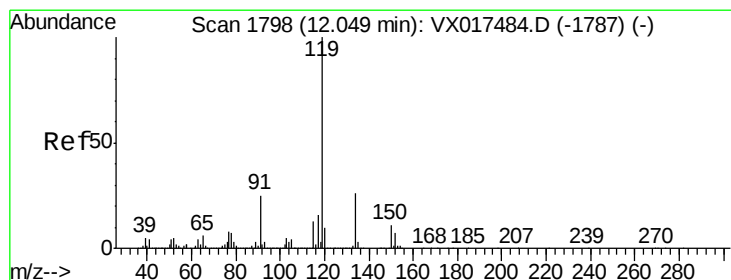
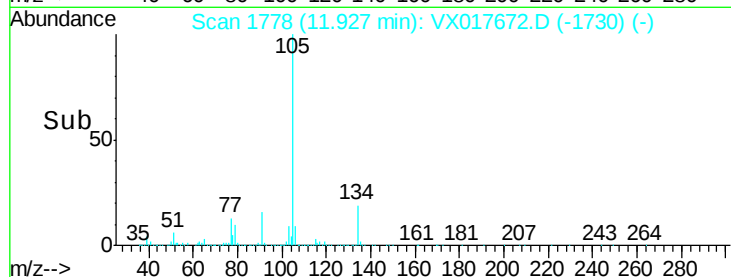
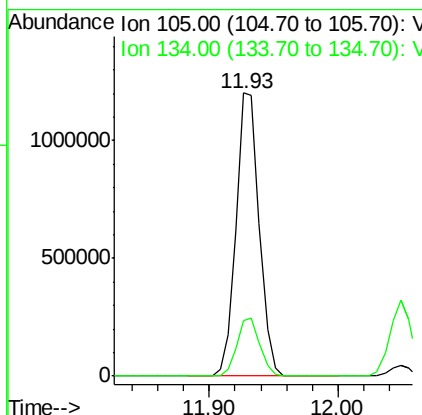
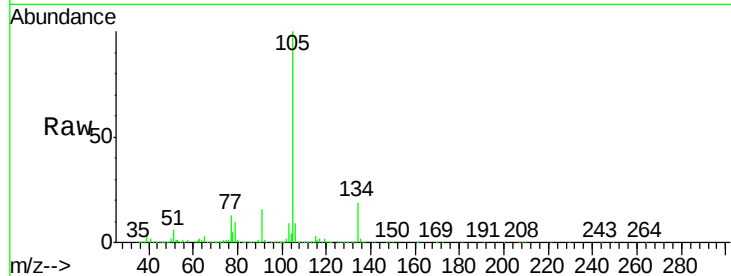
#85
 sec-Butylbenzene
 Concen: 51.235 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1502849
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

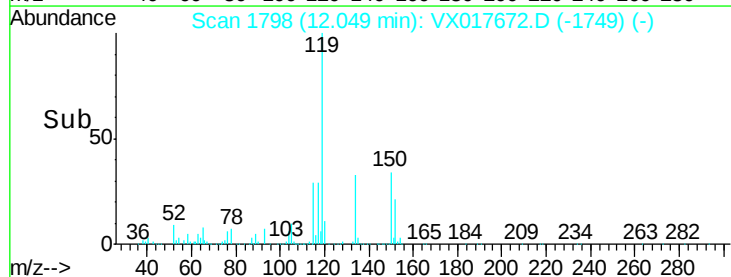
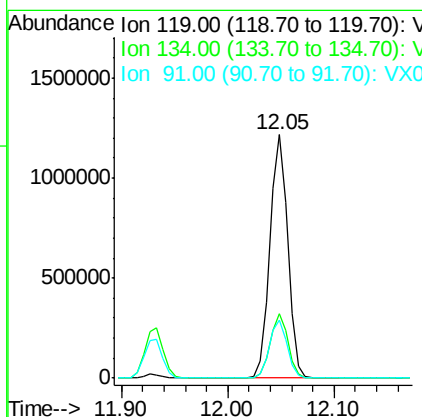
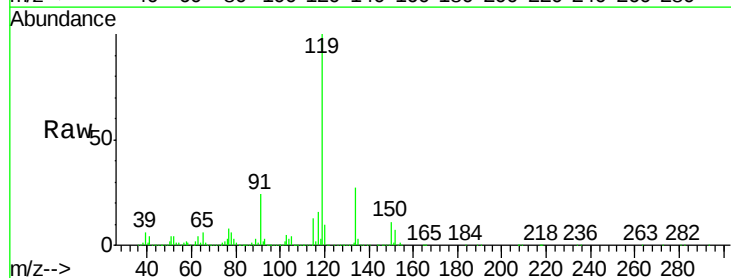
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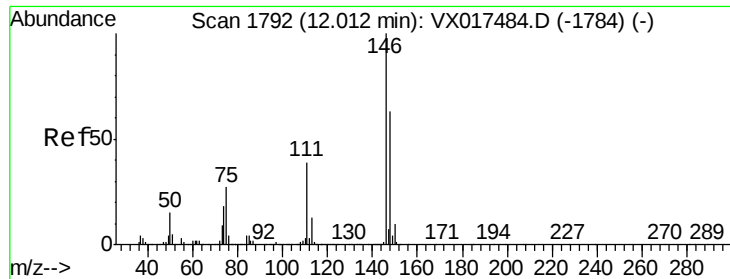
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#86
 p-Isopropyltoluene
 Concen: 51.324 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion:119 Resp: 1433642
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.8 12.1 36.3





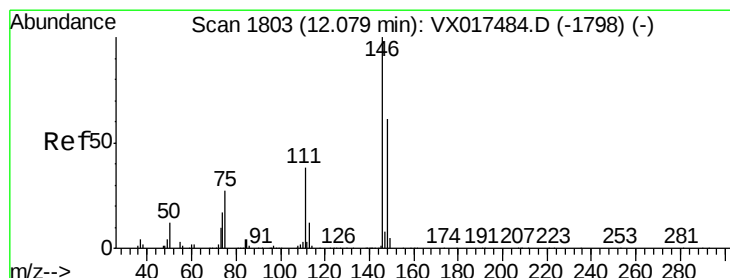
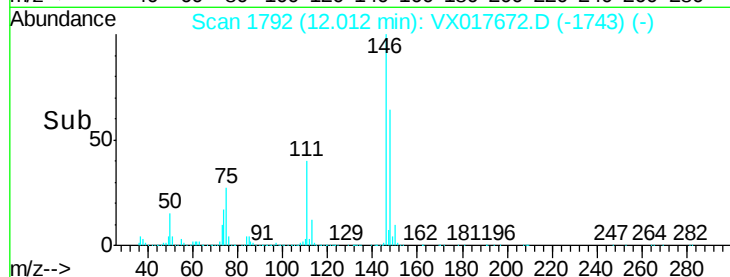
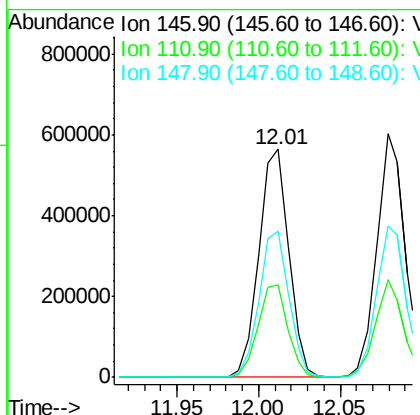
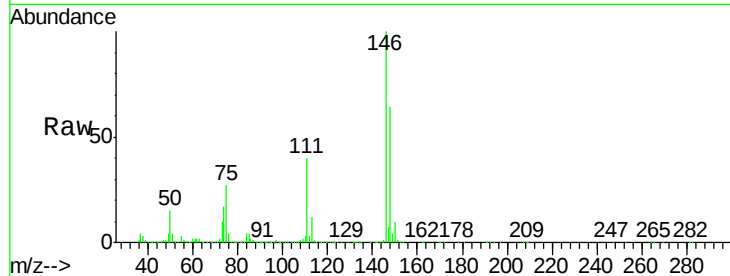
#87
 1,3-Dichlorobenzene
 Concen: 48.668 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	64.2	31.6	95.0

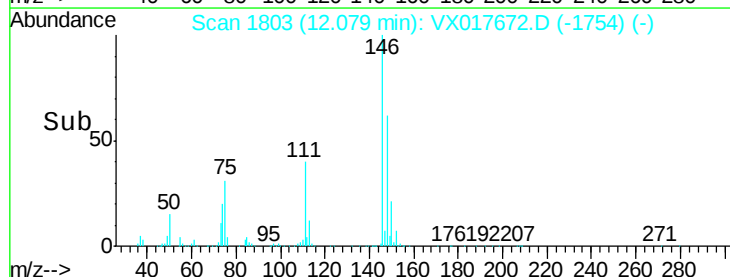
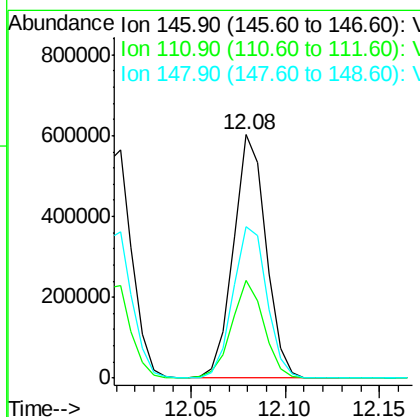
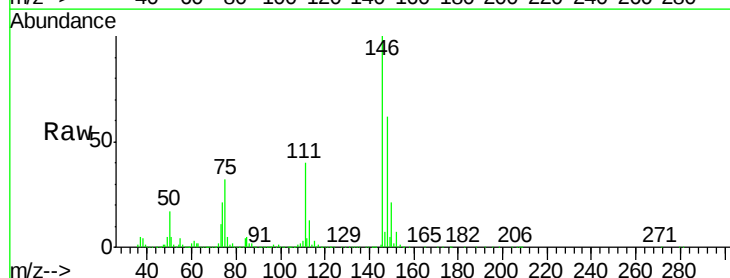
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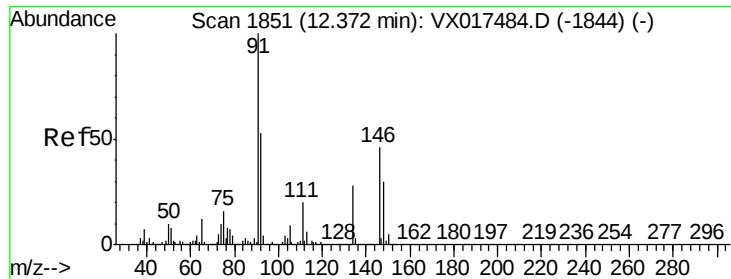
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#88
 1,4-Dichlorobenzene
 Concen: 47.069 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.8
148	64.9	32.2	96.6





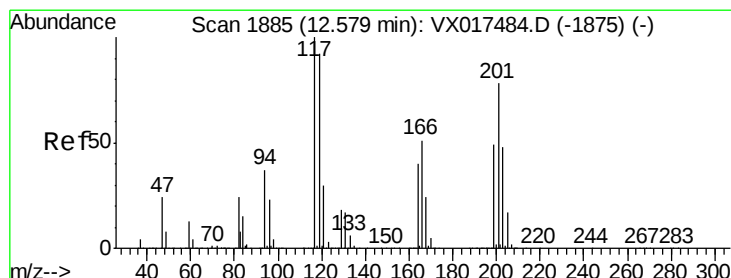
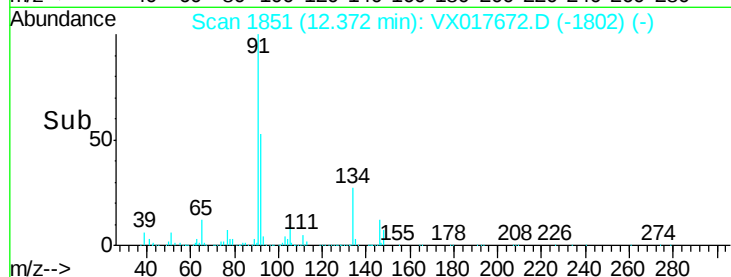
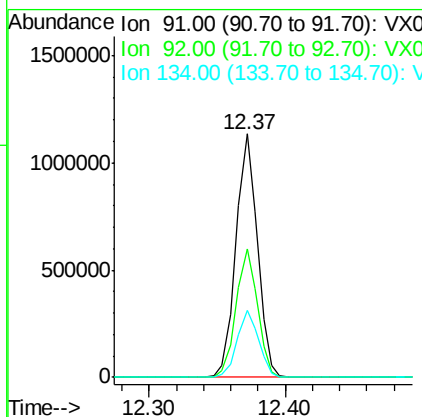
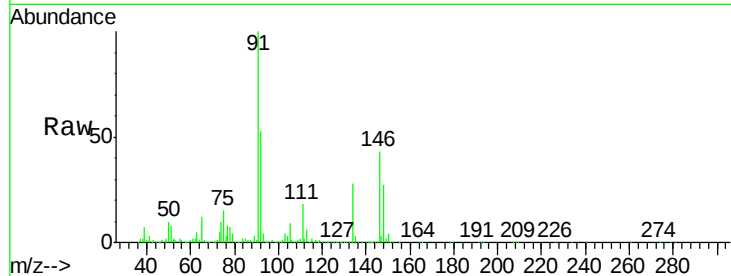
#89
n-Butylbenzene
Concen: 49.944 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1243130
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 27.6 13.6 40.7

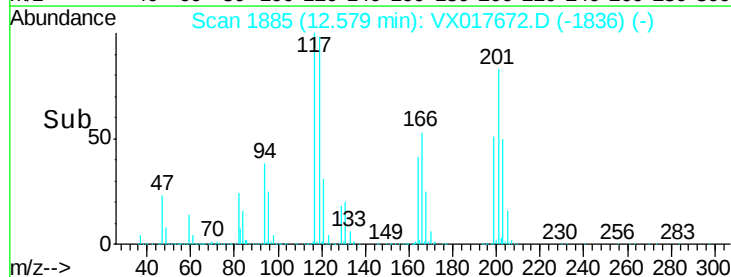
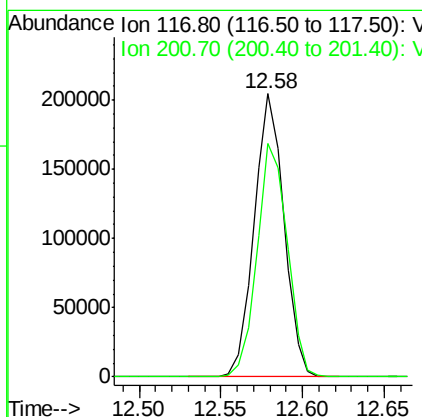
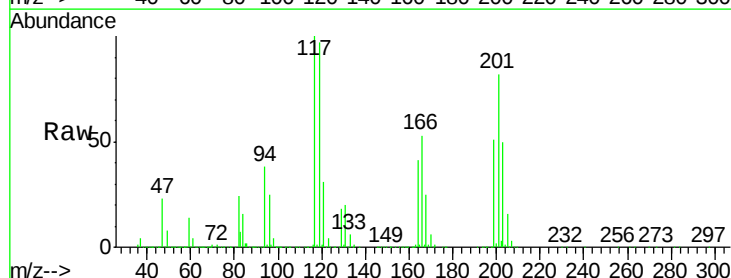
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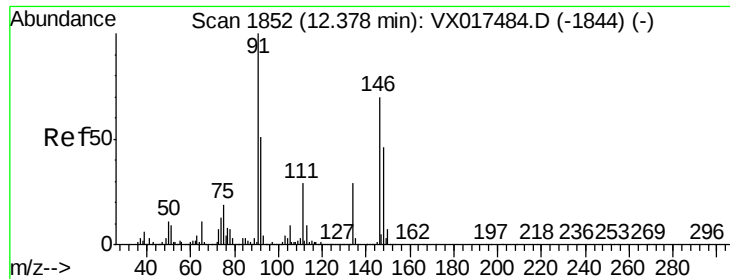
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#90
Hexachloroethane
Concen: 47.132 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion: 117 Resp: 259560
Ion Ratio Lower Upper
117 100
201 83.9 42.2 126.6





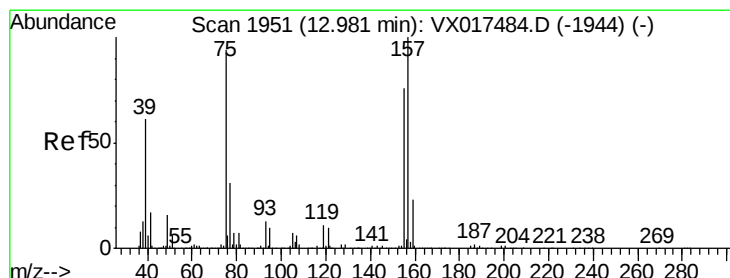
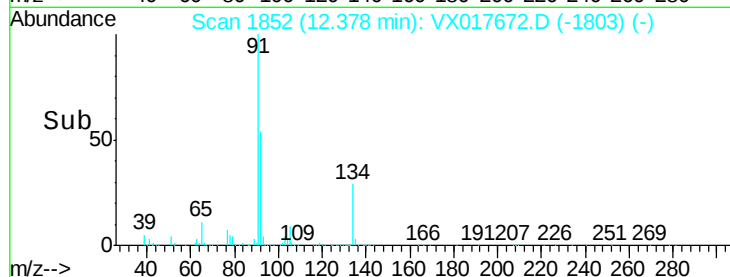
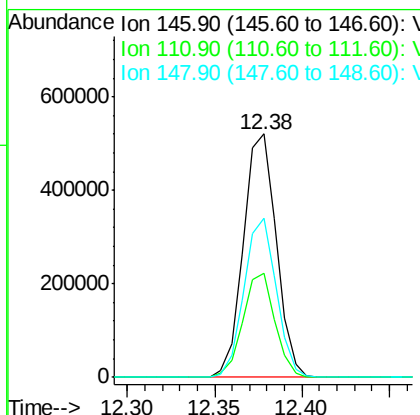
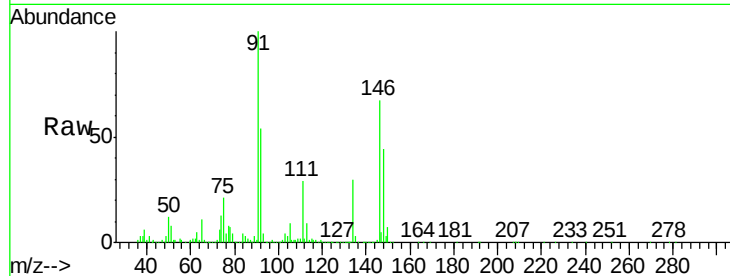
#91
 1,2-Dichlorobenzene
 Concen: 46.862 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	682433		
111	41.5	20.9	62.8	
148	64.1	32.8	98.4	

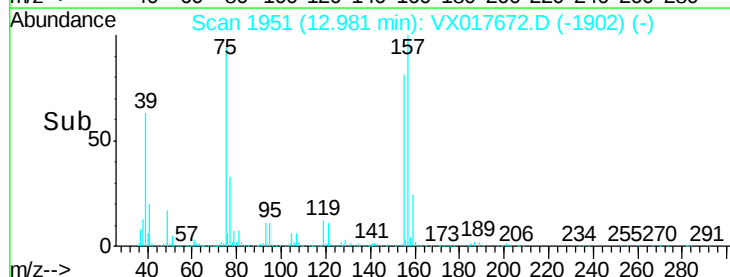
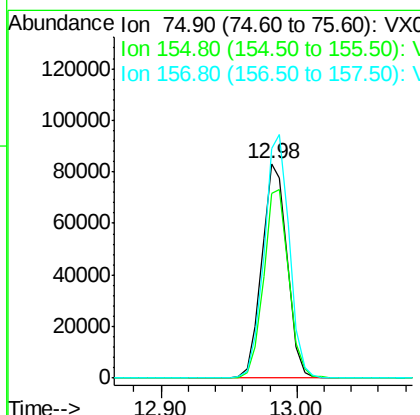
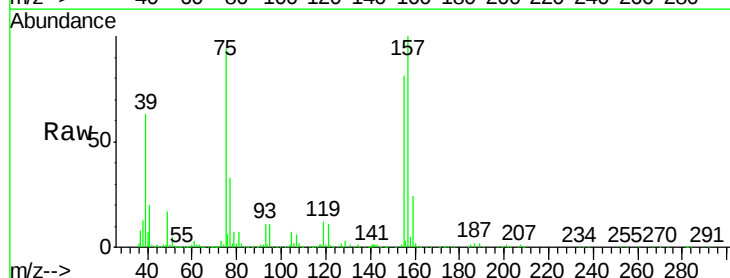
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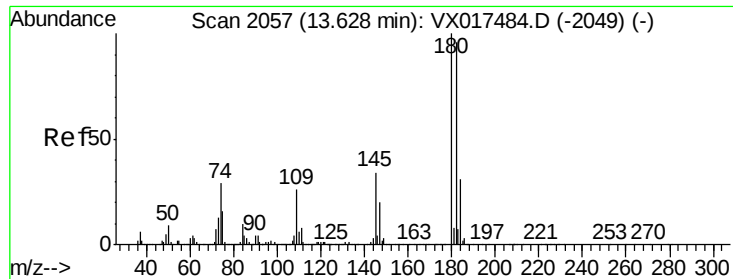
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.570 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	108981		
155	86.9	42.3	126.8	
157	112.1	54.3	162.9	





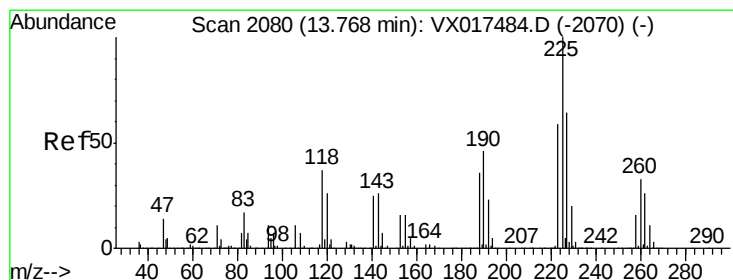
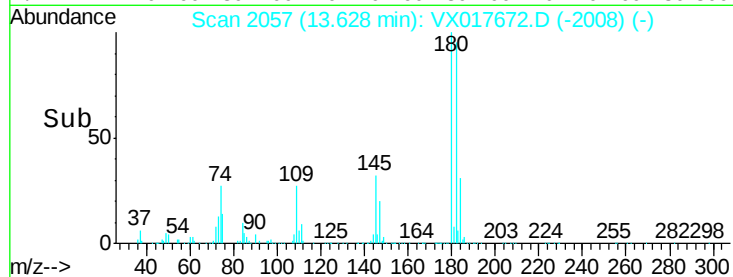
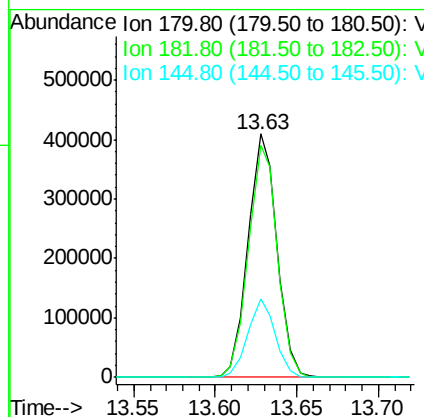
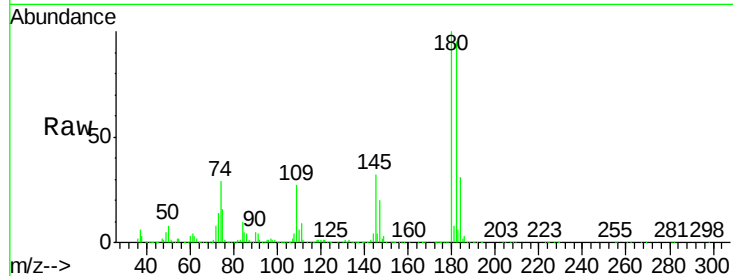
#93
 1,2,4-Trichlorobenzene
 Concen: 50.740 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	504288		
182	95.9	47.5	142.6	
145	30.7	15.4	46.4	

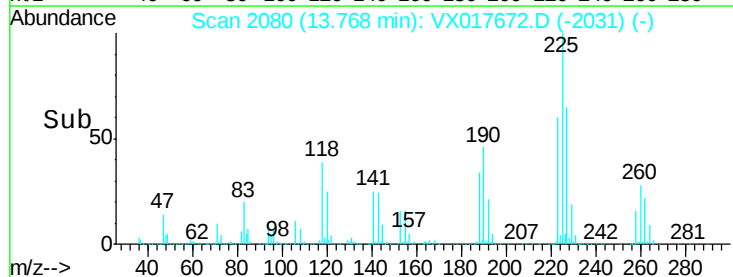
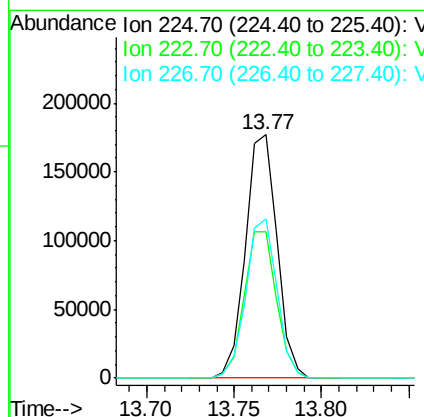
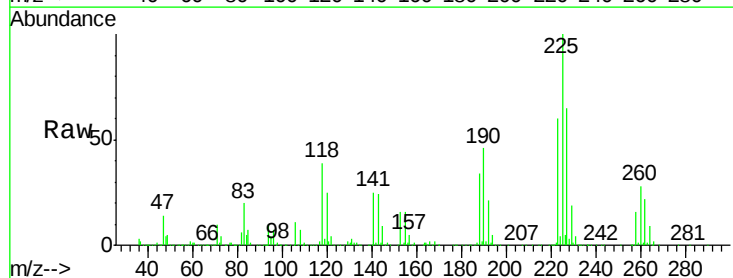
Manual Integrations
 APPROVED

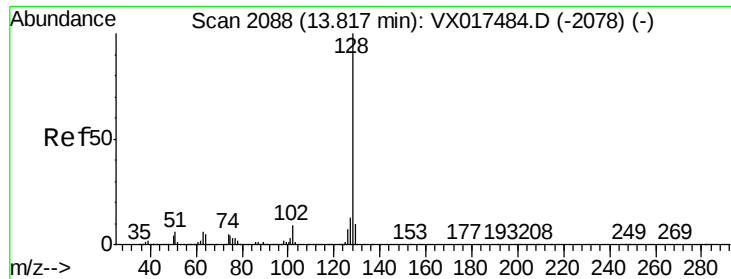
MMDadoda
 7/30/2020 6:08:31 PM



#94
 Hexachlorobutadiene
 Concen: 48.391 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017672.D
 Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	221388		
223	61.8	30.3	90.9	
227	64.5	31.1	93.2	





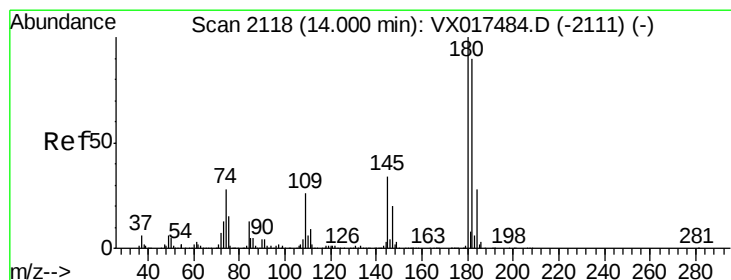
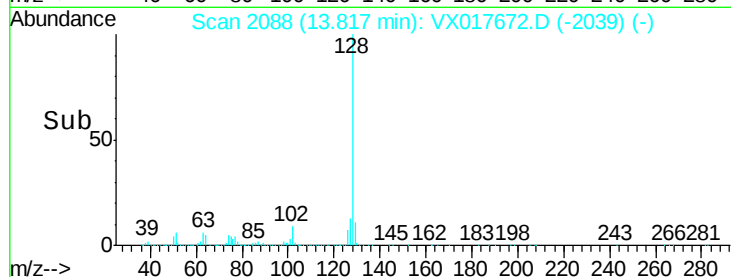
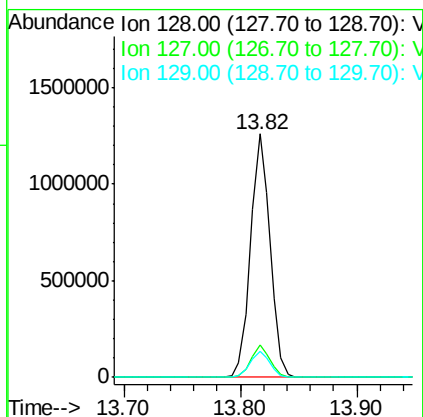
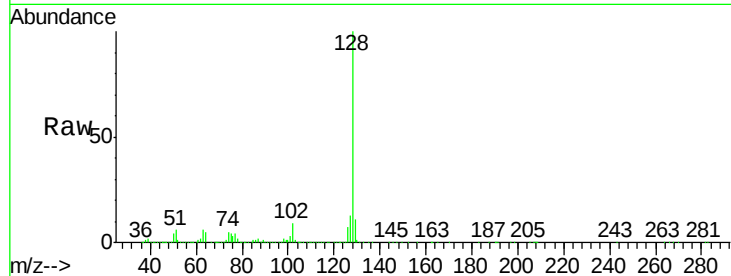
#95
Naphthalene
Concen: 49.844 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/30/2020 6:08:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.573 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017672.D
Acq: 29 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.4	142.3
145	32.8	16.3	48.9

