

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 Data File : VX017674.D
 Acq On : 30 Jul 2020 11:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:57:54 AM

Quant Time: Jul 31 05:44:47 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	5.62	168	550489	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	796341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	808512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	431647	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	346959	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.46	113	275680	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.70	98	901766	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.12	95	405559	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	246002	48.129	ug/l	98
3) Chloromethane	1.32	50	290319	42.719	ug/l	99
4) Vinyl Chloride	1.39	62	290295	41.906	ug/l	100
5) Bromomethane	1.62	94	176110	47.124	ug/l	100
6) Chloroethane	1.70	64	181926	47.589	ug/l	99
7) Trichlorofluoromethane	1.92	101	490186	44.989	ug/l	99
8) Diethyl Ether	2.17	74	175361	49.633	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	268449	44.897	ug/l	98
10) Methyl Iodide	2.49	142	337839	44.165	ug/l	96
11) Tert butyl alcohol	3.01	59	340940	228.768	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246459	43.345	ug/l	98
13) Acrolein	2.27	56	295724	259.733	ug/l	100
14) Allyl chloride	2.70	41	489290	47.127	ug/l	97
15) Acrylonitrile	3.11	53	756902	235.140	ug/l	99
16) Acetone	2.42	43	677126	217.563	ug/l	97
17) Carbon Disulfide	2.55	76	696256	40.287	ug/l	100
18) Methyl Acetate	2.75	43	360216	49.143	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	930239	47.268	ug/l	99
20) Methylene Chloride	2.84	84	292626	49.920	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	280776	46.095	ug/l	97
22) Diisopropyl ether	3.82	45	919429	48.432	ug/l	96
23) Vinyl Acetate	3.78	43	4180146	246.959	ug/l	98
24) 1,1-Dichloroethane	3.67	63	512105	46.829	ug/l	100
25) 2-Butanone	4.64	43	1045443	236.452	ug/l	98
26) 2,2-Dichloropropane	4.55	77	476431	48.670	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	315967	47.757	ug/l	98
28) Bromochloromethane	4.98	49	226361	45.677	ug/l	94
29) Tetrahydrofuran	5.09	42	635199	231.934	ug/l	99
30) Chloroform	5.17	83	526085	47.081	ug/l	99
31) Cyclohexane	5.54	56	383131	43.933	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	485634	46.089	ug/l	99
36) 1,1-Dichloropropene	5.76	75	364032	47.663	ug/l	99
37) Ethyl Acetate	4.79	43	393708	47.113	ug/l	100
38) Carbon Tetrachloride	5.75	117	442446	47.704	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	405887	45.524	ug/l	99
40) Benzene	6.10	78	1029750	47.027	ug/l	98
41) Methacrylonitrile	5.01	41	225019	46.977	ug/l	99
42) 1,2-Dichloroethane	6.16	62	438232	48.920	ug/l	100
43) Isopropyl Acetate	6.41	43	617692	44.799	ug/l	99
44) Trichloroethene	7.18	130	338032	52.825	ug/l	99
45) 1,2-Dichloropropane	7.49	63	273118	44.994	ug/l	99
46) Dibromomethane	7.63	93	203577	47.456	ug/l	98
47) Bromodichloromethane	7.87	83	415620	48.151	ug/l	100
48) Methyl methacrylate	7.75	41	313474	45.865	ug/l	96
49) 1,4-Dioxane	7.71	88	125407	957.039	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1856844	225.705	ug/l	99
52) Toluene	8.76	92	630917	44.928	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	518998	53.713	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	464051	47.085	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	307855	52.626	ug/l	99
56) Ethyl methacrylate	9.16	69	469594	53.282	ug/l	100
57) 1,3-Dichloropropane	9.35	76	502105	52.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1097367	236.336	ug/l	99
59) 2-Hexanone	9.47	43	1581242	255.291	ug/l	100
60) Dibromochloromethane	9.56	129	388587	52.263	ug/l	100
61) 1,2-Dibromoethane	9.65	107	337964	54.265	ug/l	99
64) Tetrachloroethene	9.32	164	342922	47.256	ug/l	97
65) Chlorobenzene	10.12	112	819969	46.854	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	337350	47.763	ug/l	99
67) Ethyl Benzene	10.23	91	1403259	48.036	ug/l	99
68) m/p-Xylenes	10.34	106	1072376	94.758	ug/l	96
69) o-Xylene	10.68	106	512223	47.060	ug/l	99
70) Styrene	10.70	104	902879	48.755	ug/l	100
71) Bromoform	10.84	173	287994	47.064	ug/l #	97
73) Isopropylbenzene	11.00	105	1408425	47.563	ug/l	99
74) N-amyl acetate	10.88	43	604932	45.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	411182	44.486	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	407917m	45.941	ug/l	
77) Bromobenzene	11.24	156	379620	45.793	ug/l	99
78) n-propylbenzene	11.34	91	1626719	48.708	ug/l	99
79) 2-Chlorotoluene	11.40	91	968310	46.805	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1217895	48.171	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	159399	45.235	ug/l	98
82) 4-Chlorotoluene	11.49	91	1167126	47.825	ug/l	100
83) tert-Butylbenzene	11.76	119	1157933	47.864	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1244971	49.508	ug/l	99
85) sec-Butylbenzene	11.93	105	1384644	49.132	ug/l	99
86) p-Isopropyltoluene	12.05	119	1329324	49.532	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	686151	48.199	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	693008	46.998	ug/l	99
89) n-Butylbenzene	12.37	91	1163381	48.648	ug/l	98
90) Hexachloroethane	12.58	117	240138	45.386	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	656686	46.935	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	110016	42.497	ug/l	99

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ClientSampleId :
VSTDCCC050

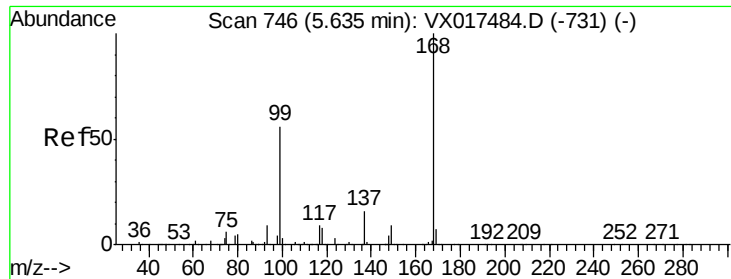
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	481322	50.406	ug/l	100
94) Hexachlorobutadiene	13.77	225	210826	47.964	ug/l	98
95) Naphthalene	13.82	128	1407918	49.391	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	468955	49.738	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 550489

Ion Ratio Lower Upper

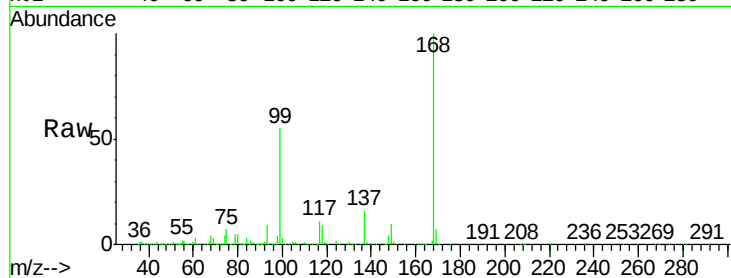
168 100

99 55.0 43.4 65.2

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

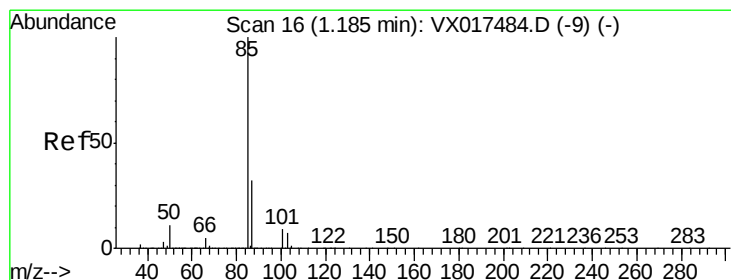
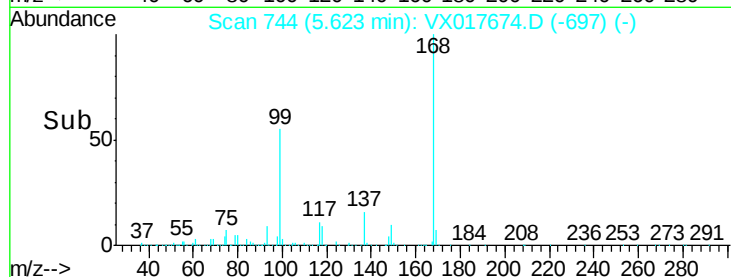
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.129 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017674.D

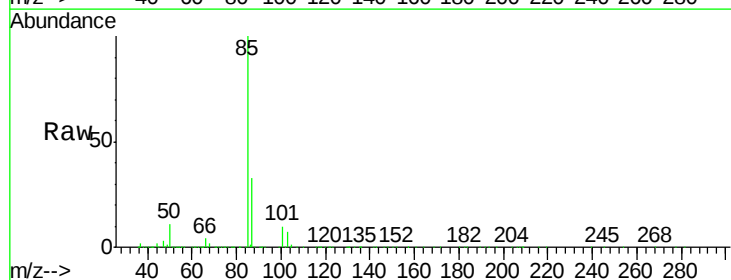
Acq: 30 Jul 2020 11:02

Tgt Ion: 85 Resp: 246002

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

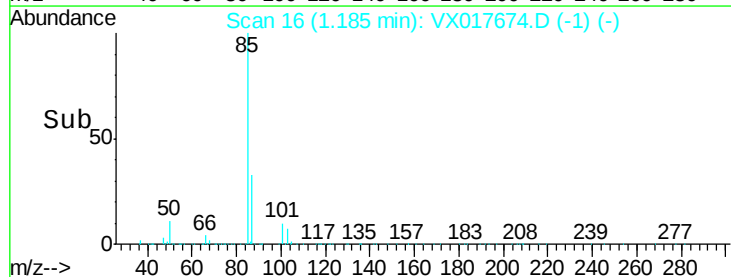
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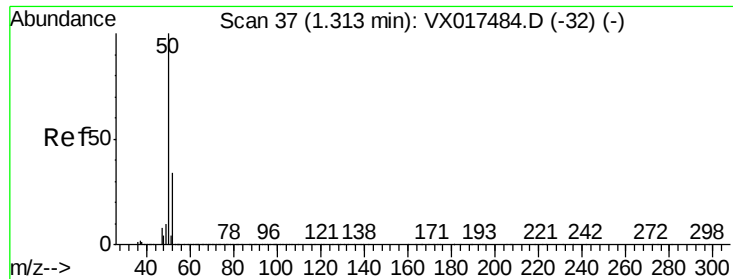
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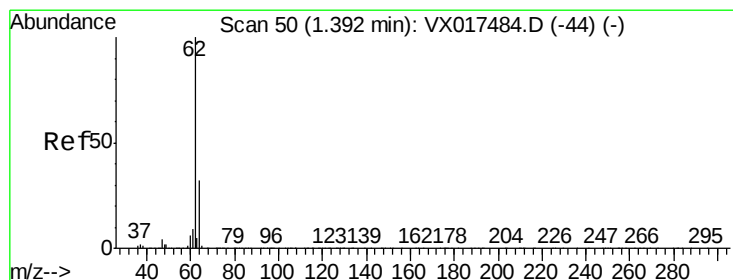
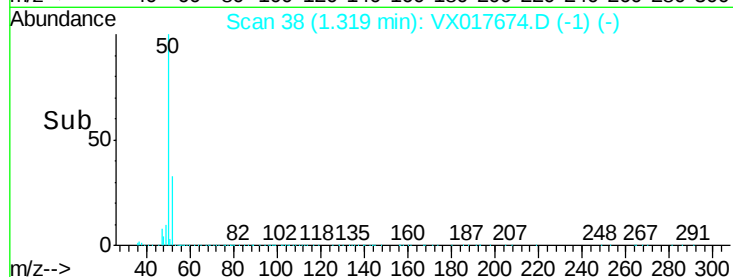
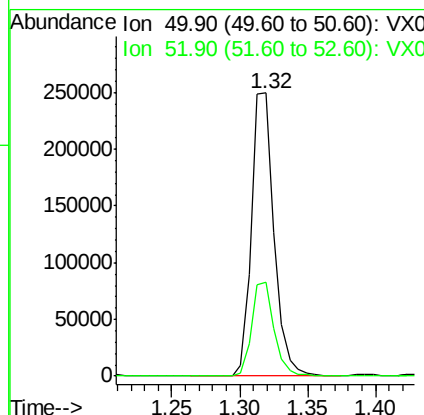
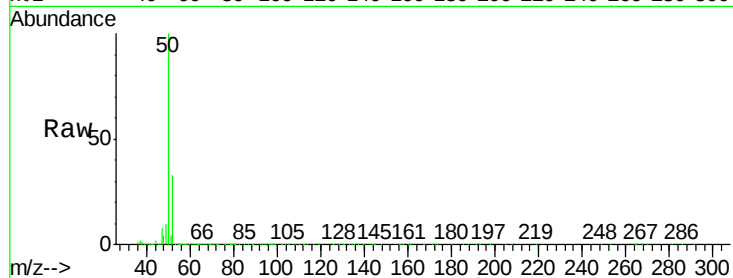
#3
Chloromethane
Concen: 42.719 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.9	38.9

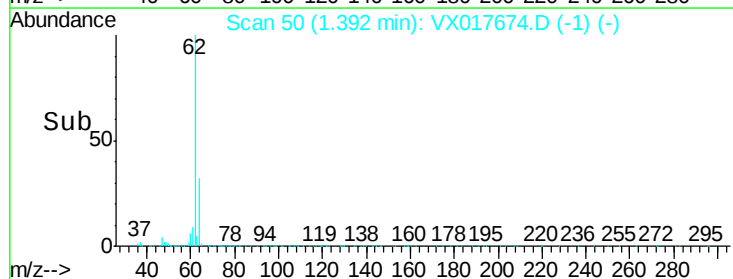
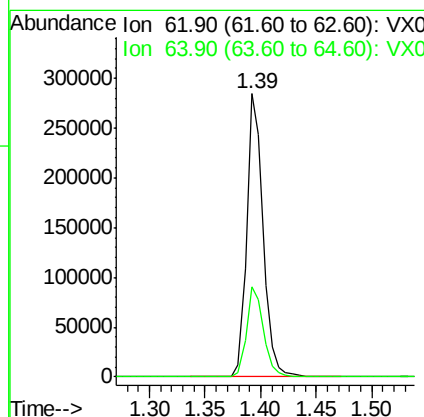
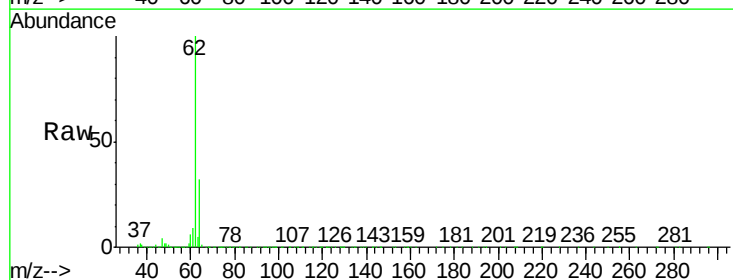
Manual Integrations
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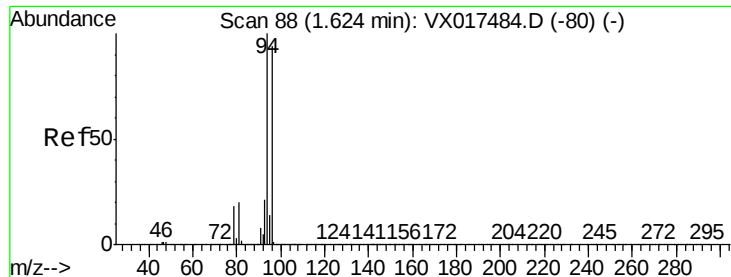
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#4
Vinyl Chloride
Concen: 41.906 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.2	37.8





#5

Bromomethane

Concen: 47.124 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 176110

Ion Ratio Lower Upper

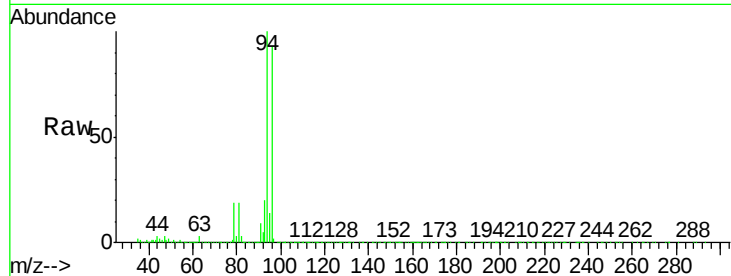
94 100

96 92.8 74.1 111.1

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

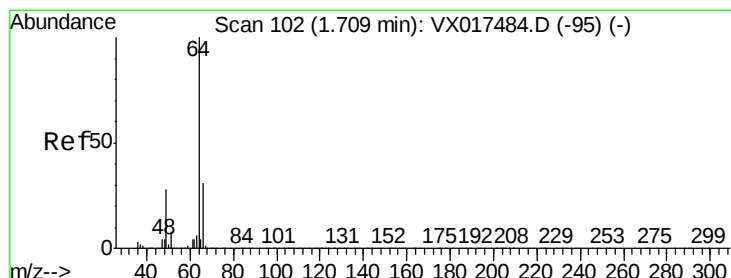
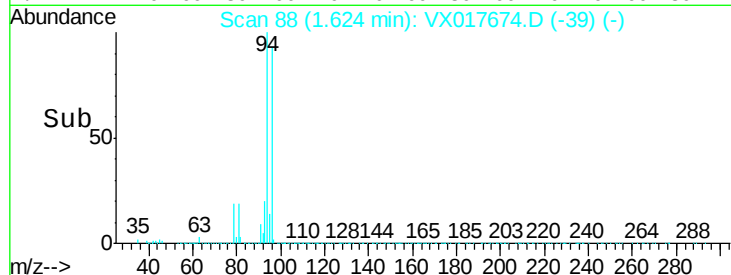
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 47.589 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017674.D

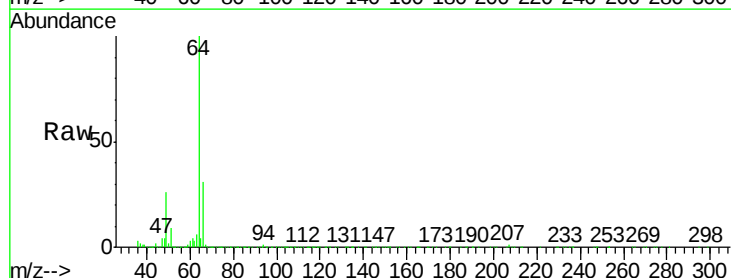
Acq: 30 Jul 2020 11:02

Tgt Ion: 64 Resp: 181926

Ion Ratio Lower Upper

64 100

66 30.8 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

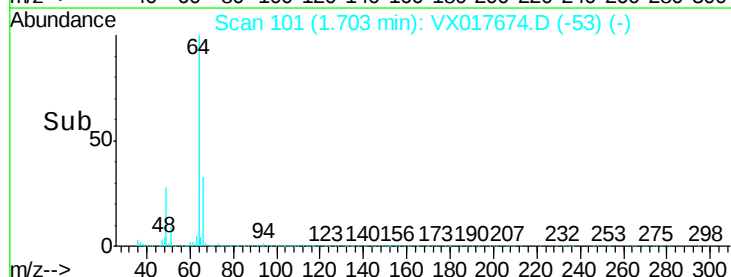
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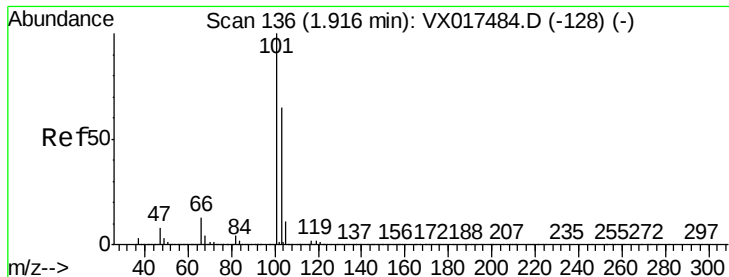
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0

Time-->





#7

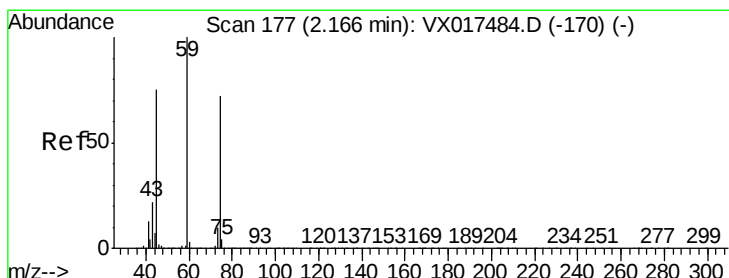
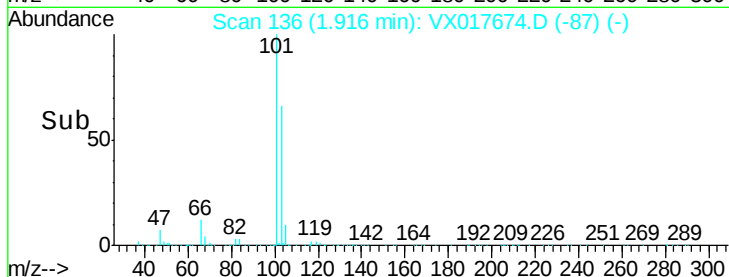
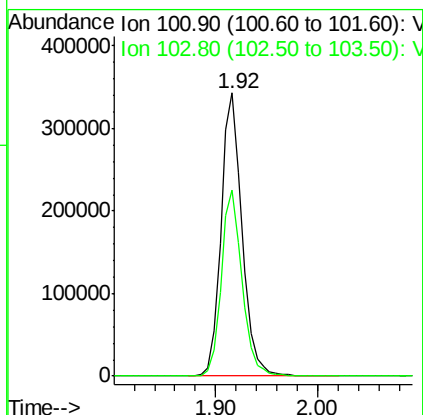
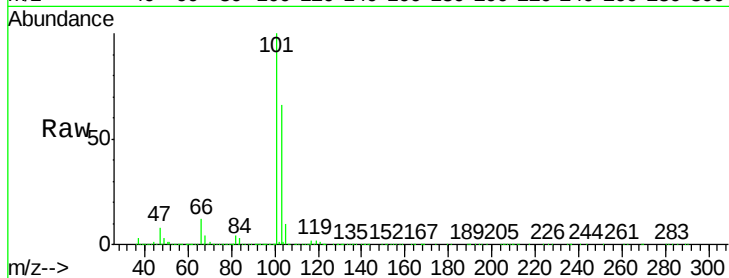
Trichlorofluoromethane
Concen: 44.989 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.8

Manual Integrations
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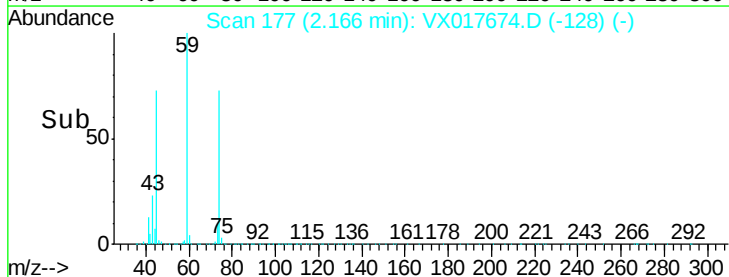
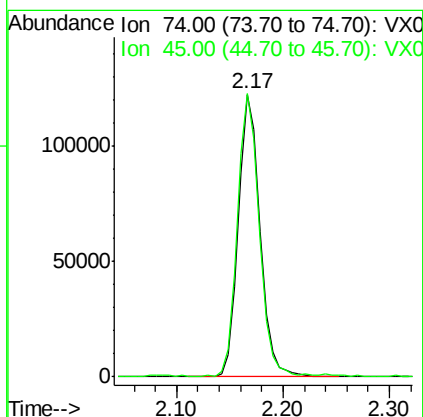
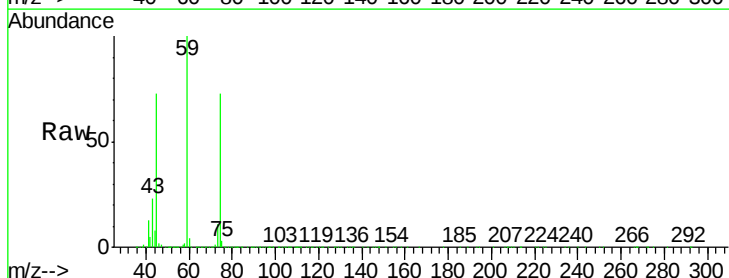
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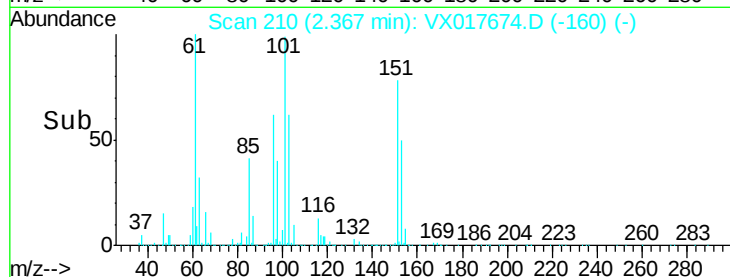
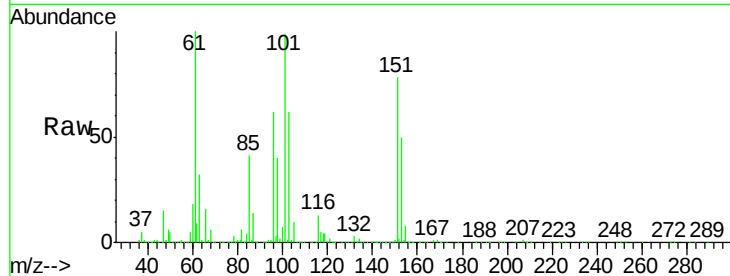
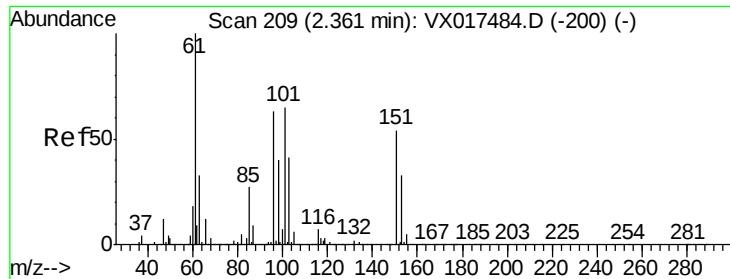


#8

Diethyl Ether
Concen: 49.633 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	50.8	152.5





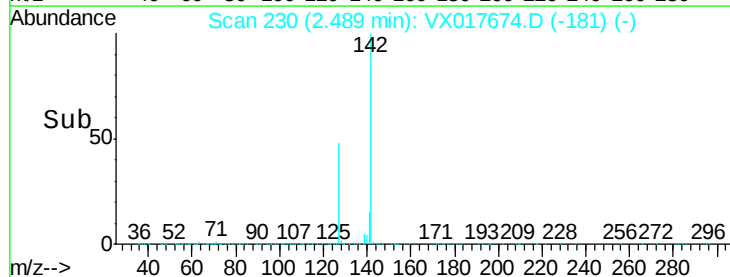
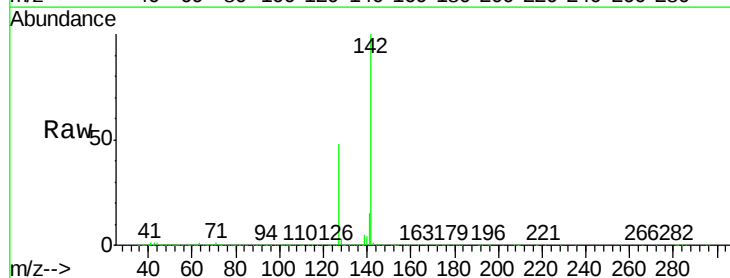
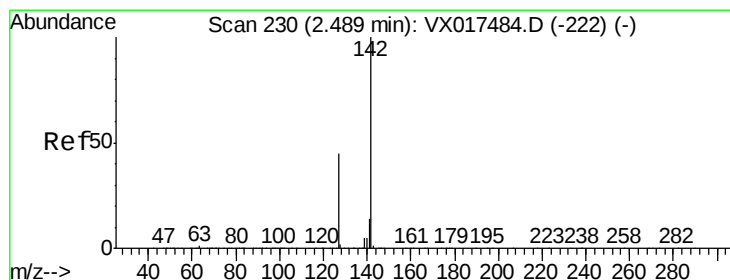
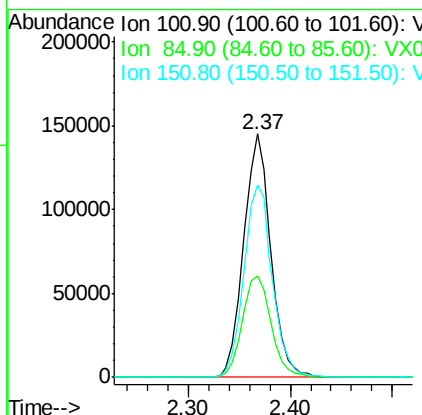
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.897 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	268449		
85	44.2	34.8	52.2	
151	82.6	68.0	102.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

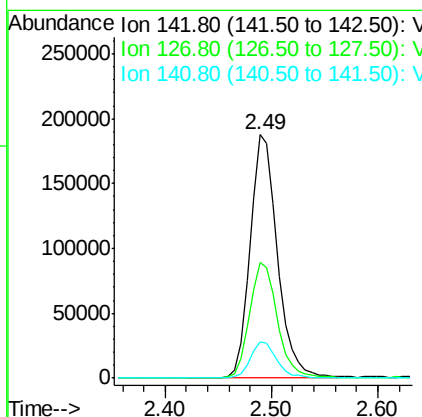
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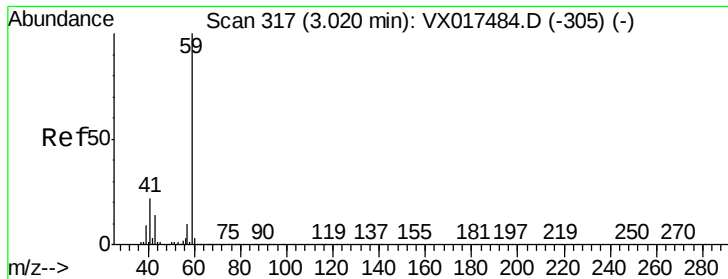
MMDadoda
7/31/2020 11:57:54 AM



#10
Methyl Iodide
Concen: 44.165 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	337839		
127	48.4	35.9	53.9	
141	14.7	11.4	17.0	





#11

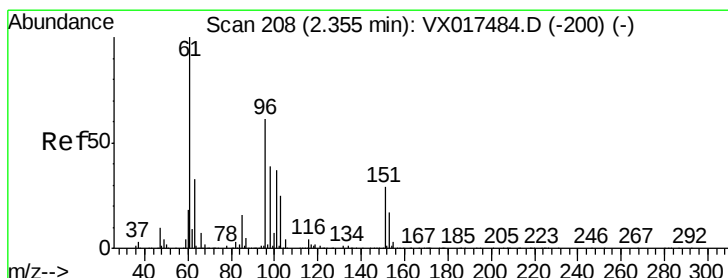
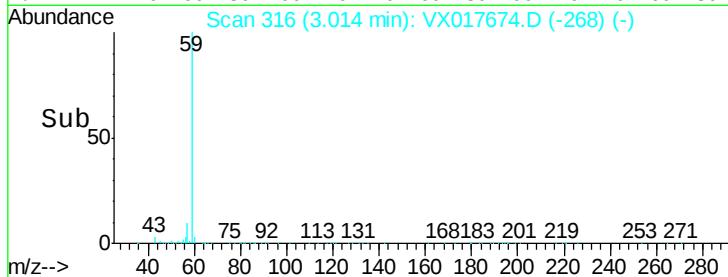
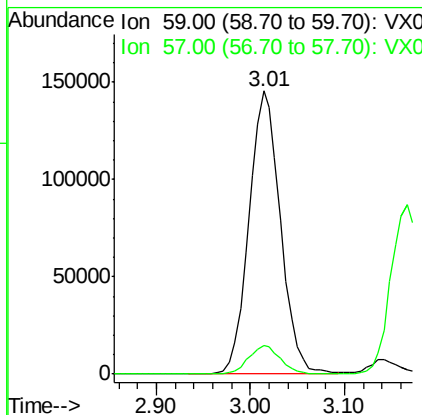
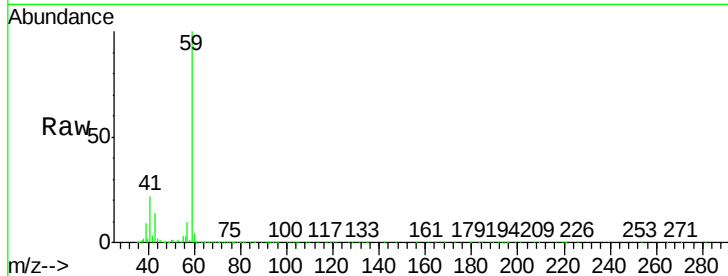
Tert butyl alcohol
Concen: 228.768 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

Manual Integrations
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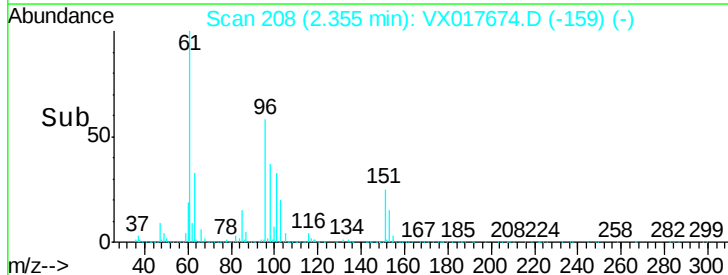
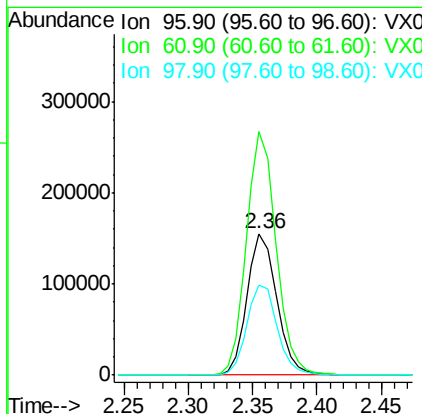
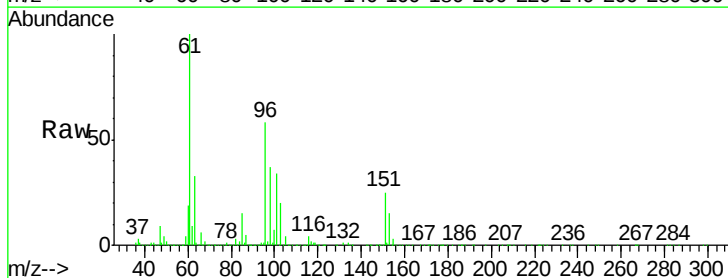
MMDadoda
7/31/2020 11:57:54 AM

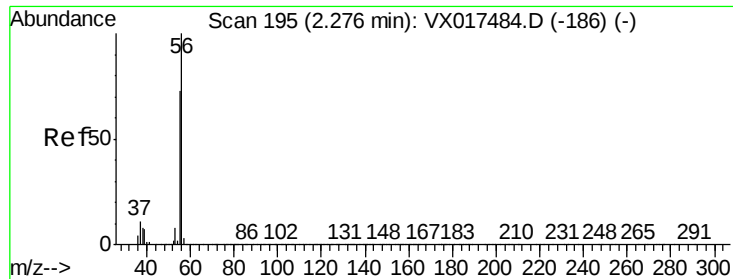


#12

1,1-Dichloroethene
Concen: 43.345 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.8	134.0	201.0
98	63.8	51.0	76.4





#13

Acrolein

Concen: 259.733 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 295724

Ion Ratio Lower Upper

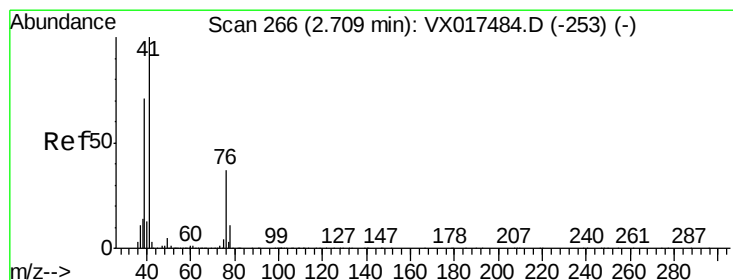
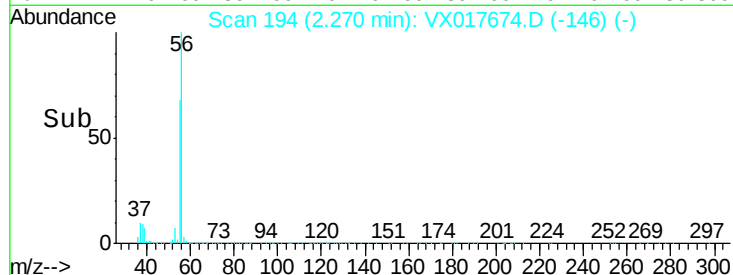
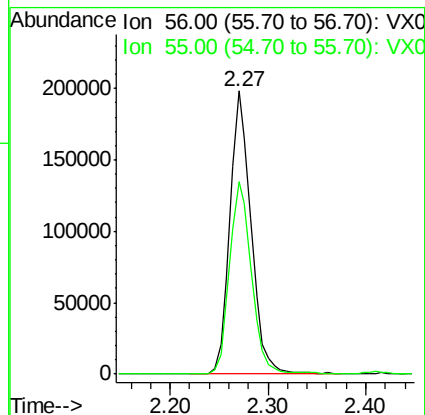
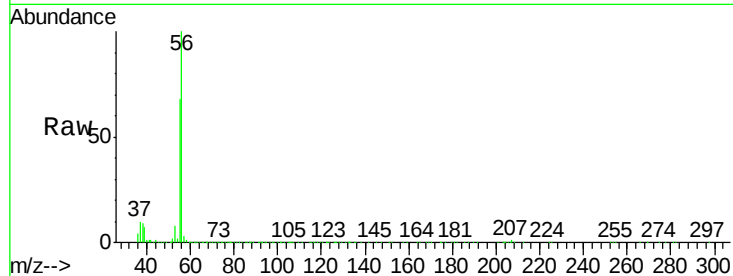
56 100

55 71.6 57.4 86.2

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#14

Allyl chloride

Concen: 47.127 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

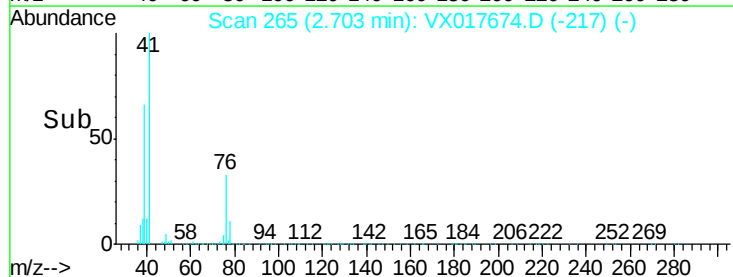
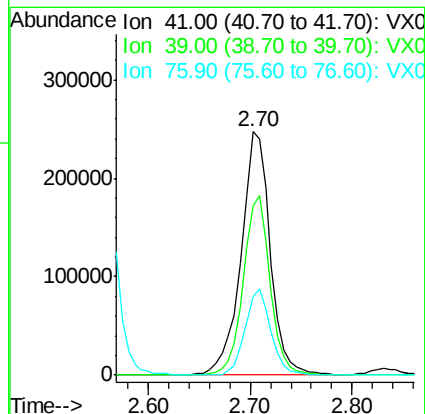
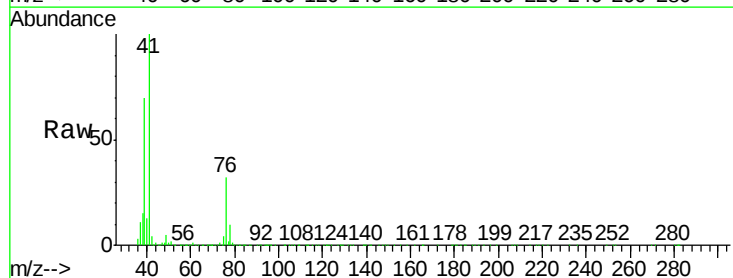
Tgt Ion: 41 Resp: 489290

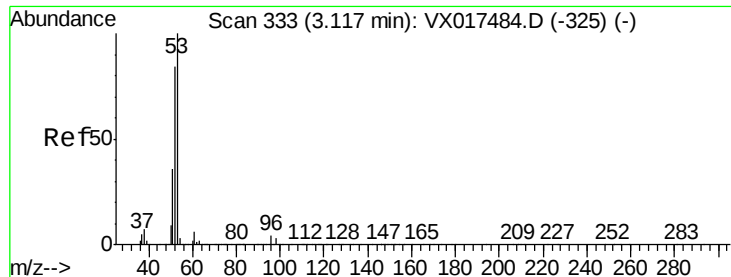
Ion Ratio Lower Upper

41 100

39 67.7 51.9 77.9

76 31.3 25.5 38.3





#15

Acrylonitrile

Concen: 235.140 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

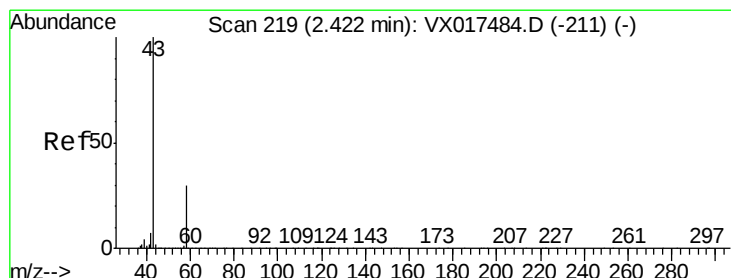
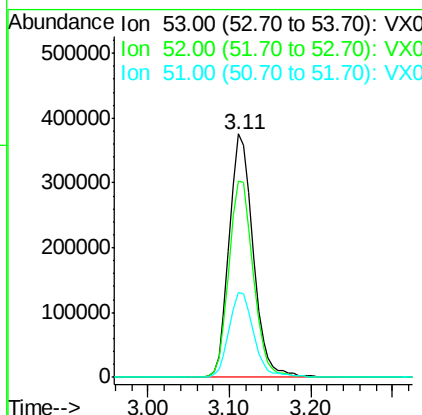
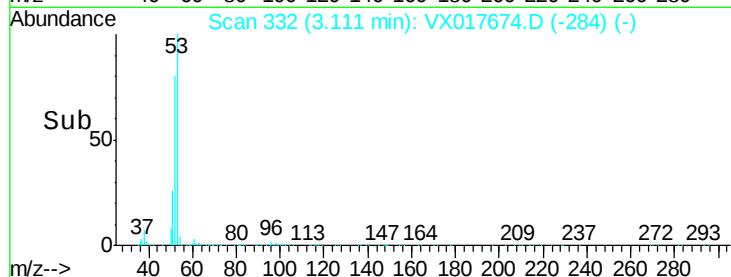
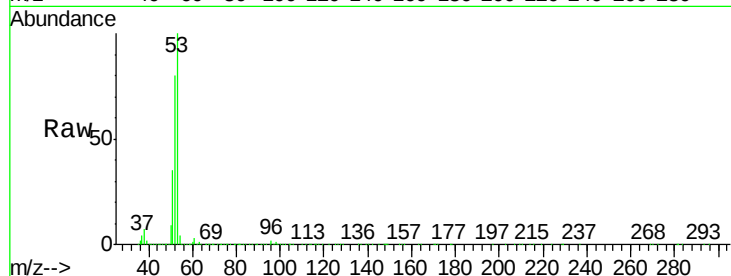
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	756902
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.6	99.8
51	36.1	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 217.563 ug/l

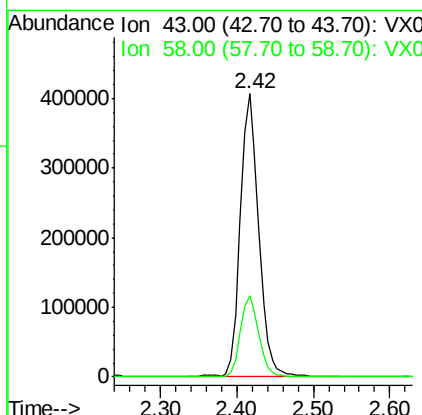
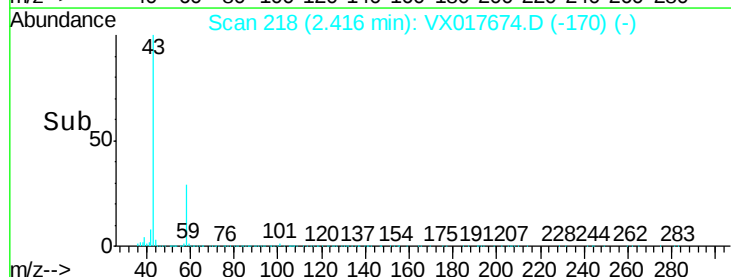
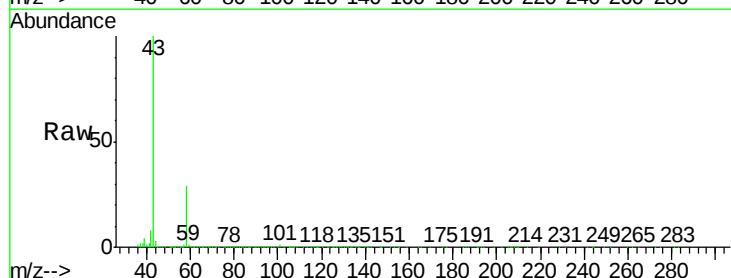
RT: 2.42 min Scan# 218

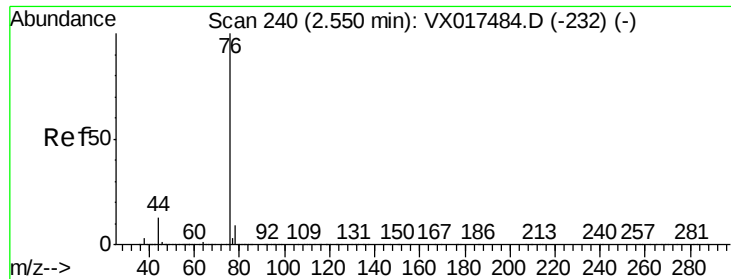
Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion:	43	Resp:	677126
Ion Ratio	Lower	Upper	
43	100		
58	28.5	24.2	36.4





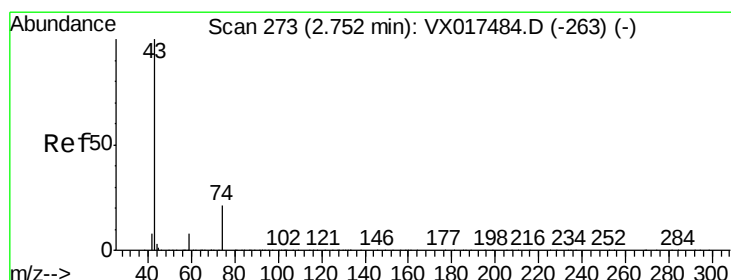
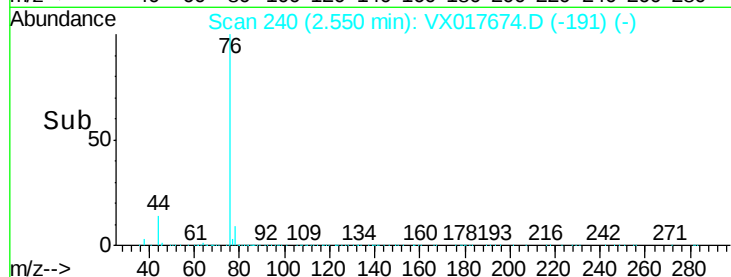
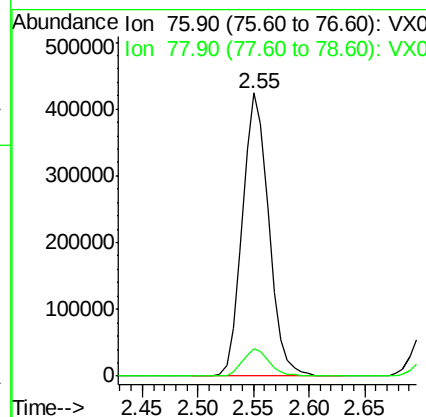
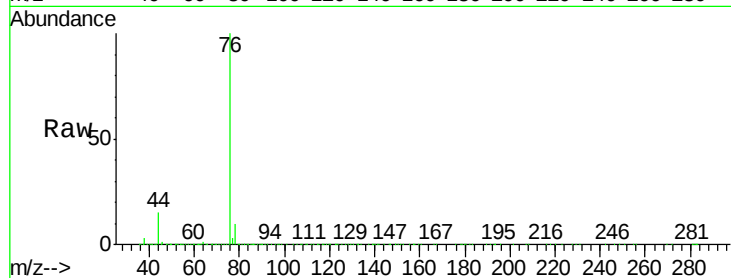
#17
Carbon Disulfide
Concen: 40.287 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

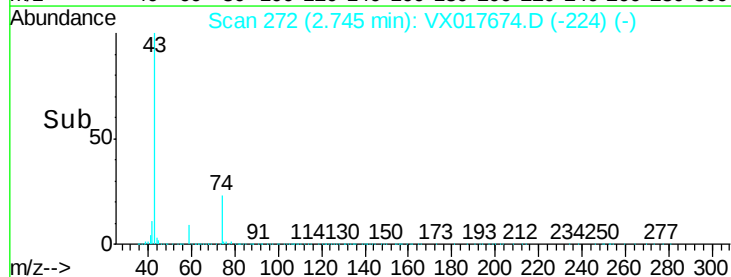
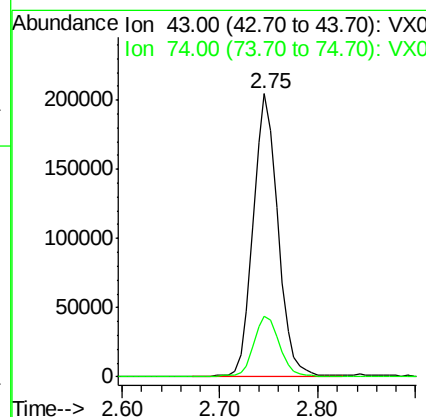
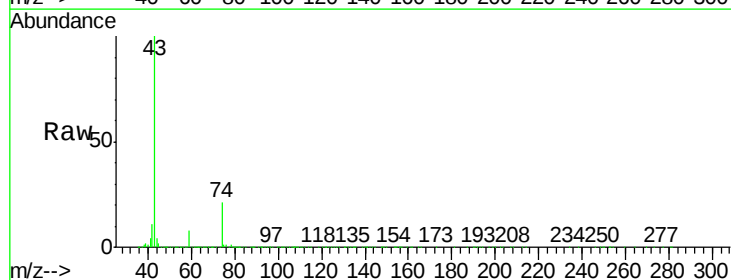
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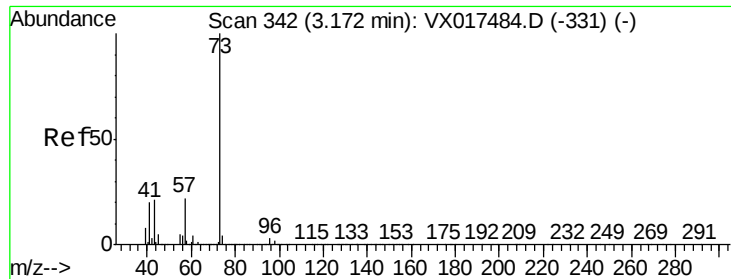
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#18
Methyl Acetate
Concen: 49.143 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.5	26.3





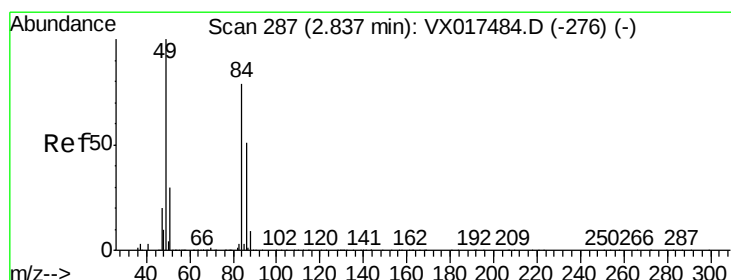
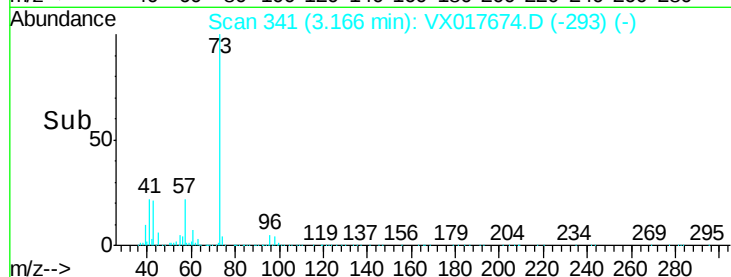
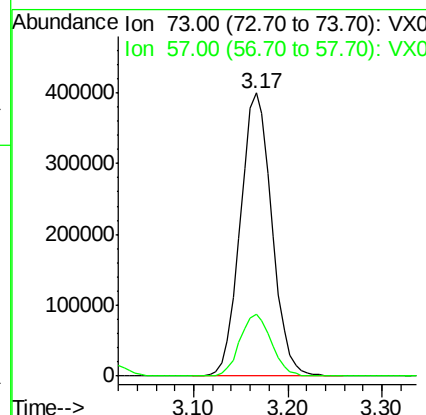
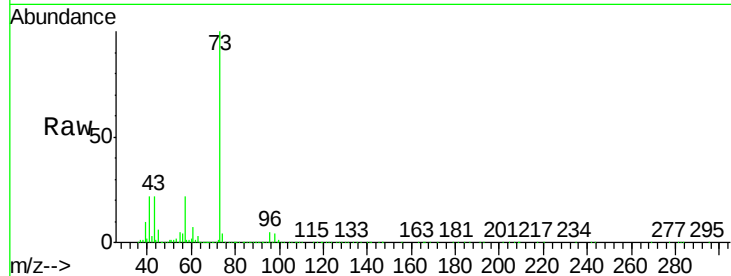
#19
Methvl tert-butvl Ether
Concen: 47.268 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.0	25.4

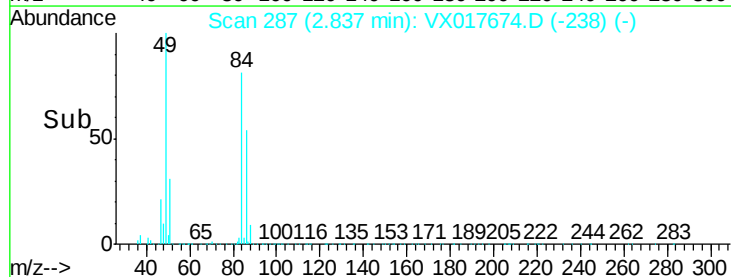
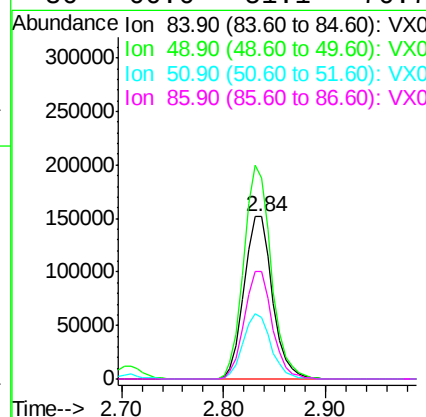
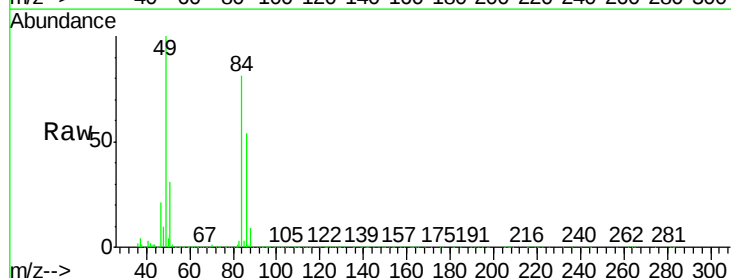
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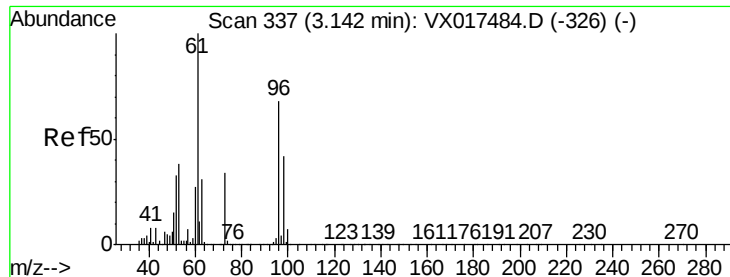
MMDadoda
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#20
Methylene Chloride
Concen: 49.920 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	100.3	150.5
51	37.8	30.5	45.7
86	66.6	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 46.095 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 280776

Ion Ratio Lower Upper

96 100

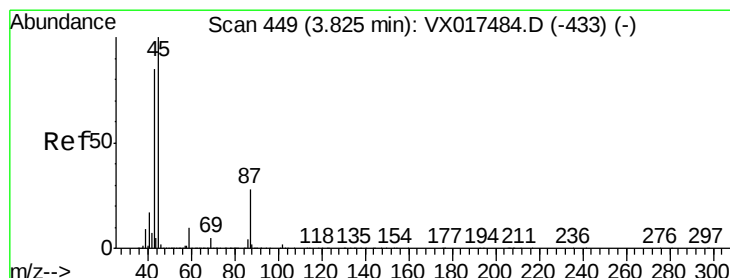
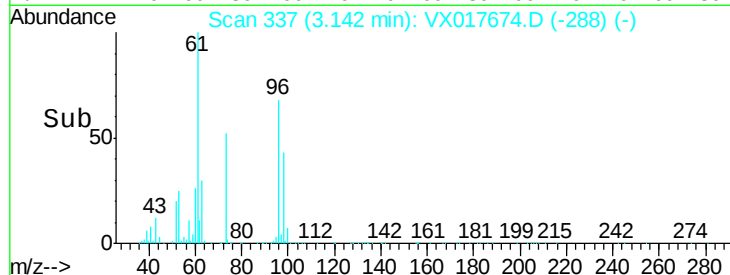
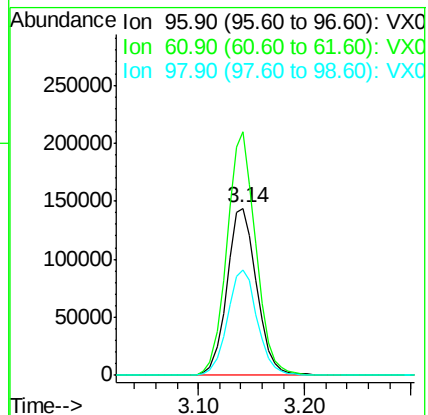
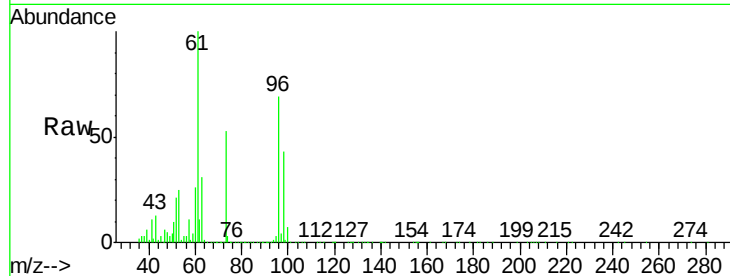
61 145.8 113.0 169.4

98 63.3 51.8 77.8

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#22

Diisopropyl ether

Concen: 48.432 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion: 45 Resp: 919429

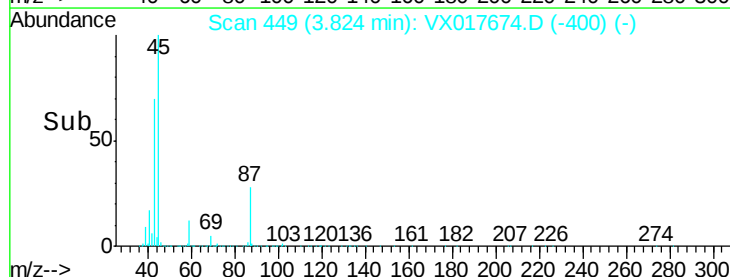
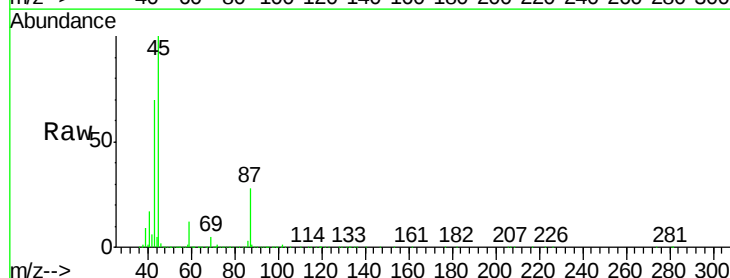
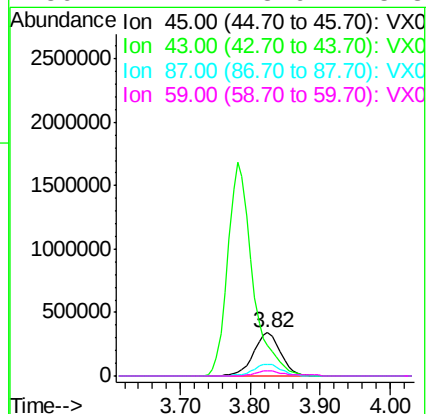
Ion Ratio Lower Upper

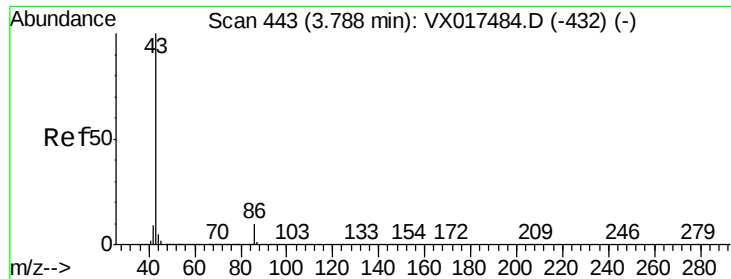
45 100

43 70.4 52.0 78.0

87 27.8 22.2 33.4

59 11.7 8.9 13.3





#23

Vinyl Acetate

Concen: 246.959 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4180146

Ion Ratio Lower Upper

43 100

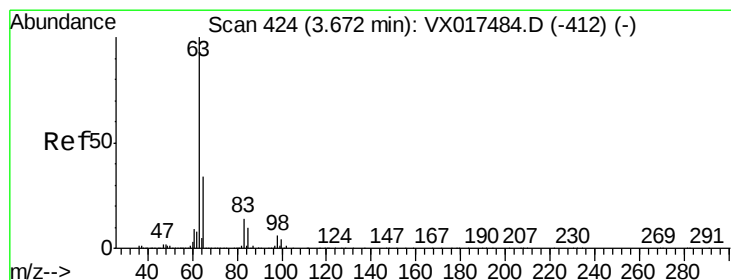
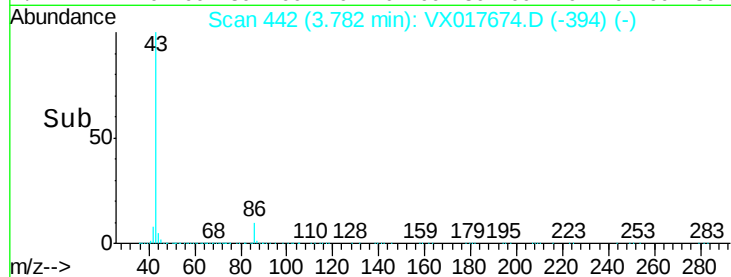
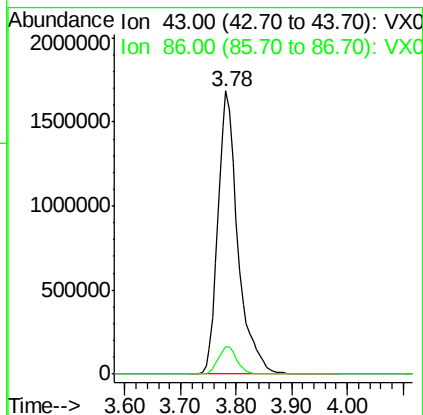
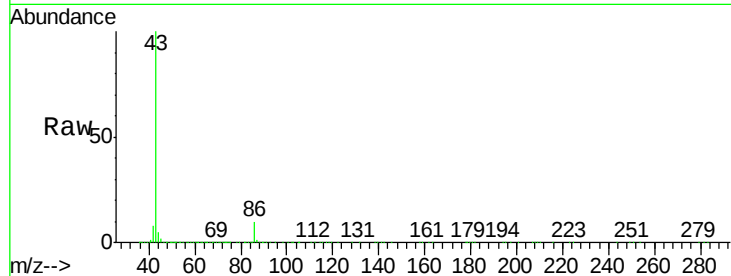
86 9.7 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 46.829 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

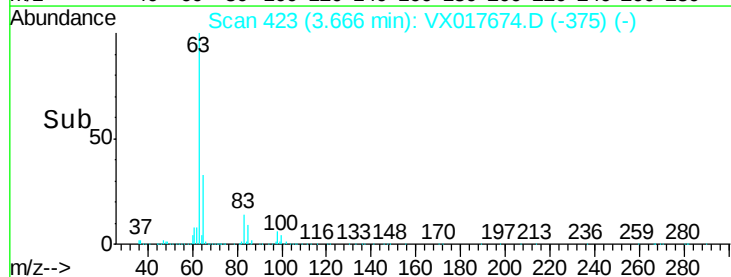
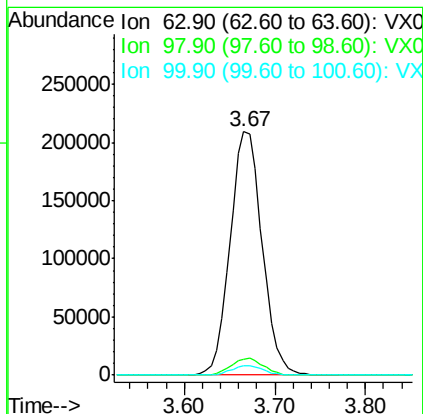
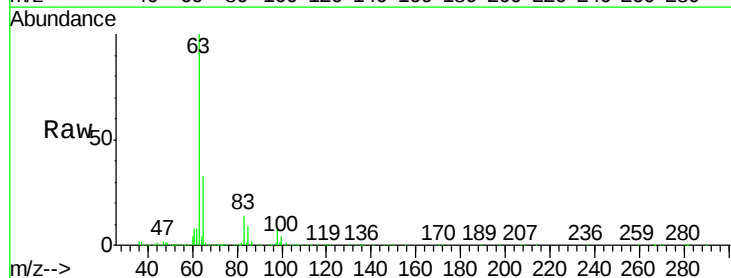
Tgt Ion: 63 Resp: 512105

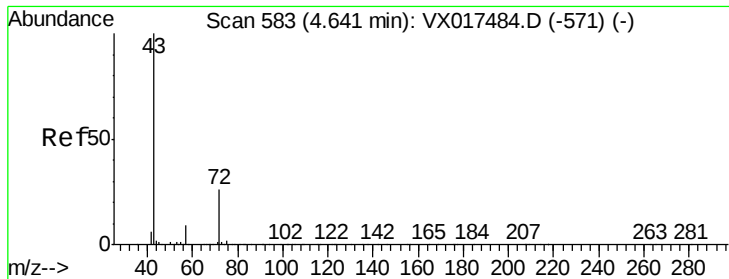
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 236.452 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1045443

Ion Ratio Lower Upper

43 100

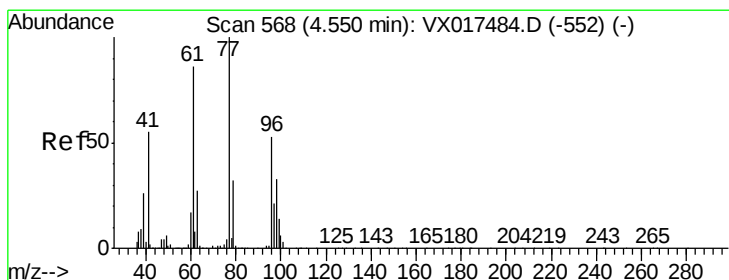
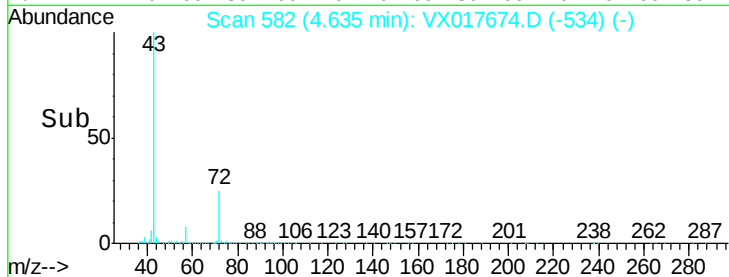
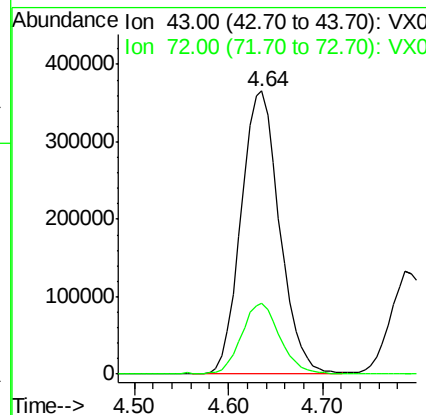
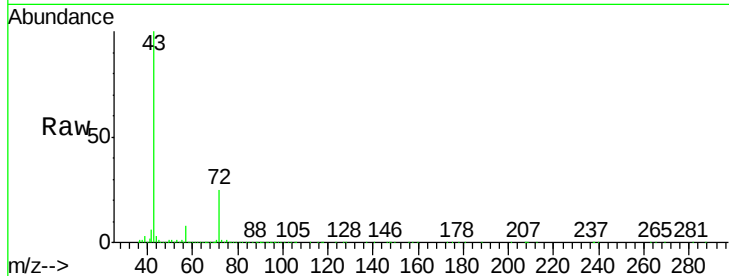
72 24.9 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 48.670 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017674.D

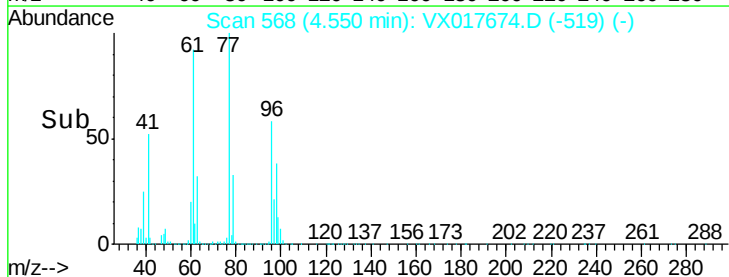
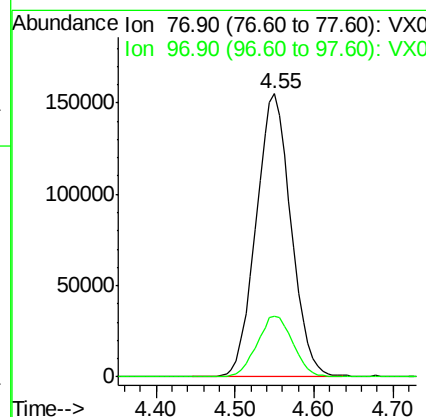
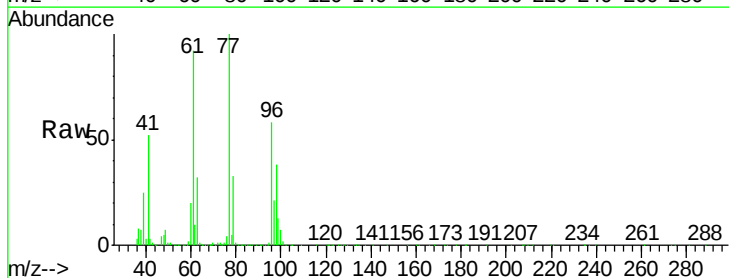
Acq: 30 Jul 2020 11:02

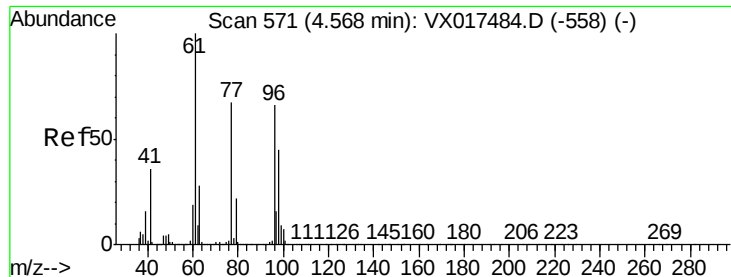
Tgt Ion: 77 Resp: 476431

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9





#27

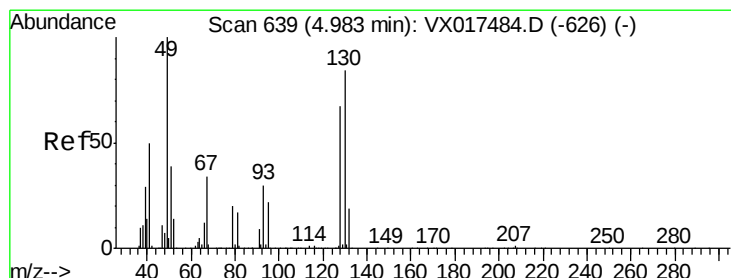
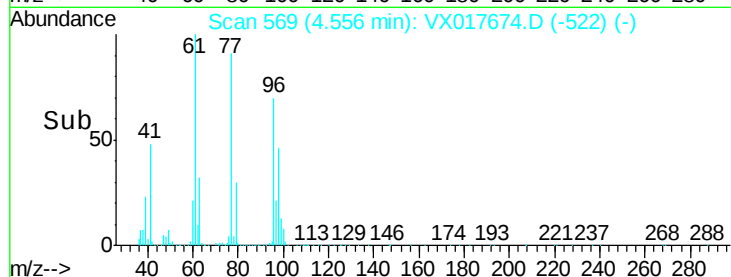
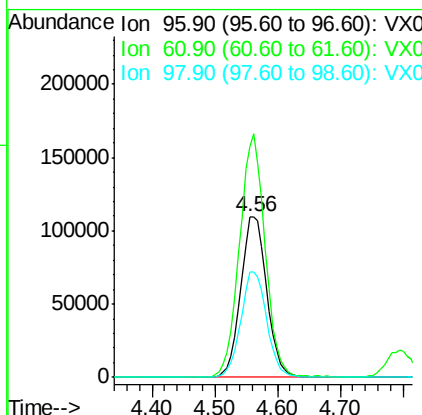
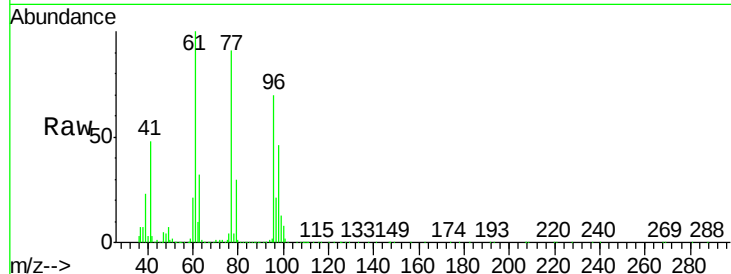
cis-1,2-Dichloroethene
Concen: 47.757 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	301.2
98	64.8	0.0	130.0

Manual Integrations
APPROVED

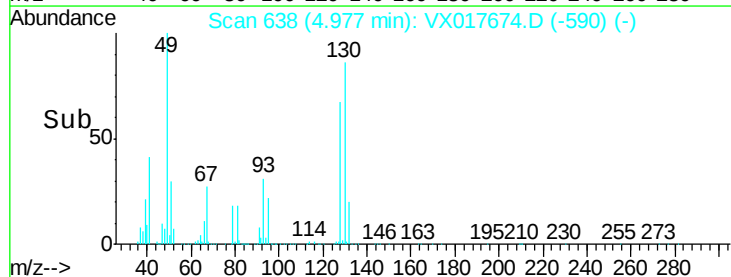
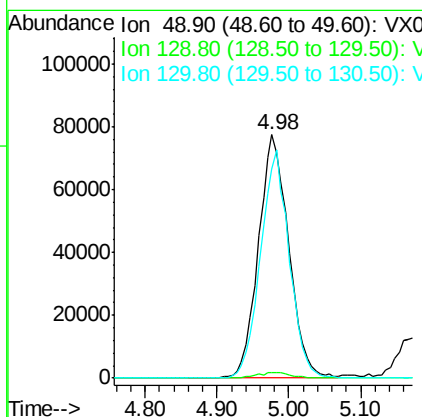
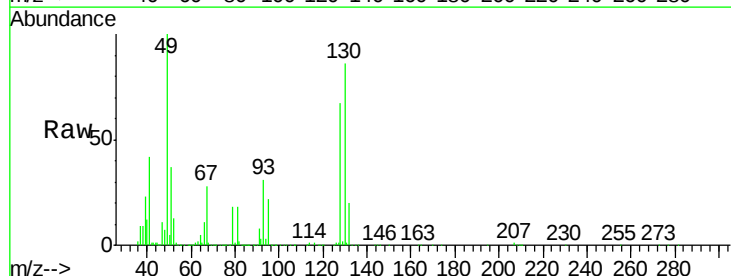
MMDadoda
7/31/2020 11:57:54 AM

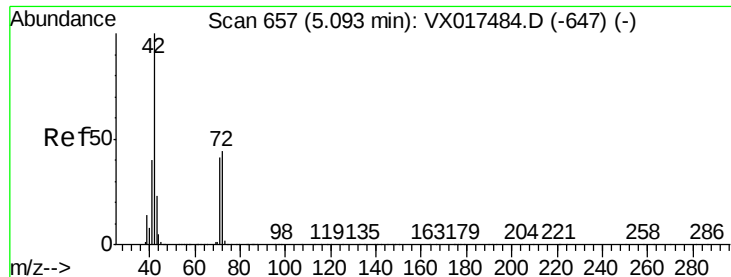


#28

Bromochloromethane
Concen: 45.677 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	88.7	66.7	100.1





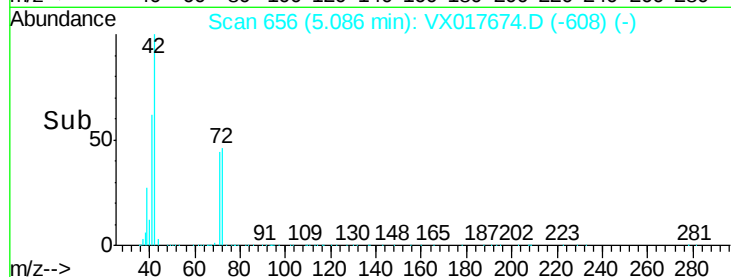
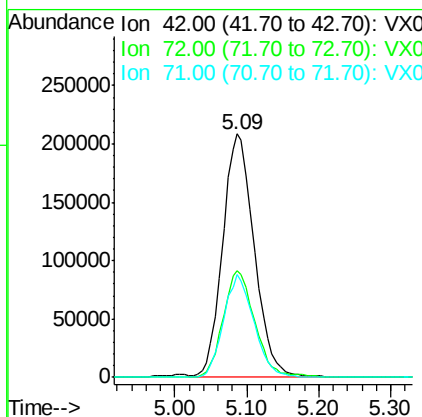
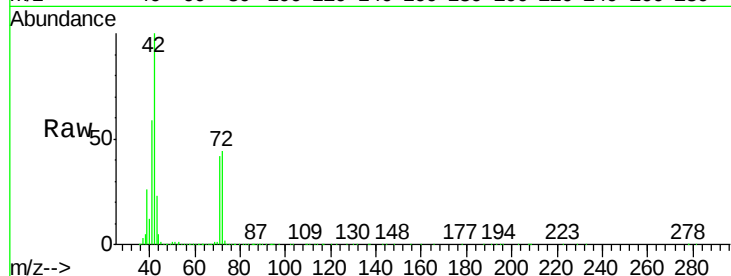
#29
Tetrahydrofuran
Concen: 231.934 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.5	53.3
71	40.7	33.0	49.4

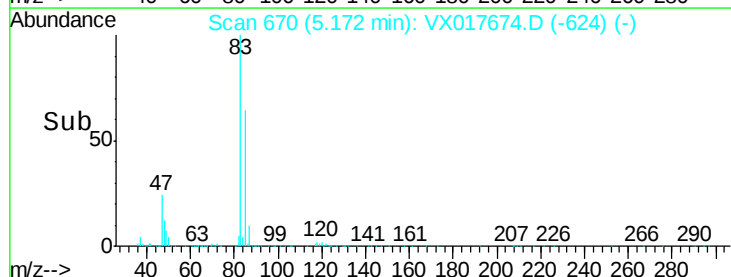
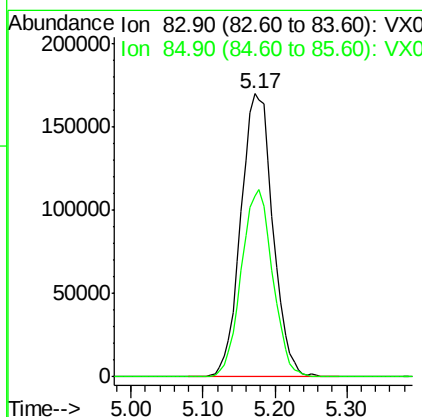
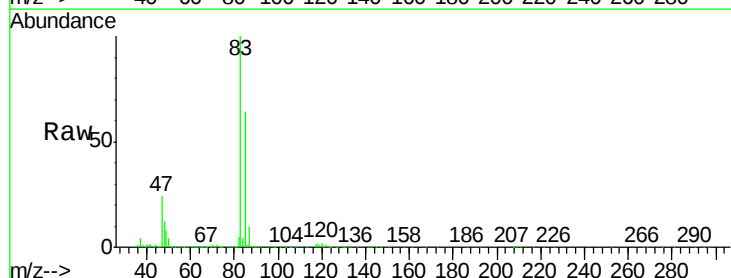
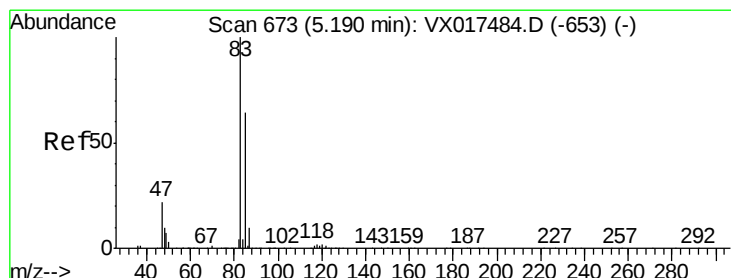
Manual Integrations
APPROVED

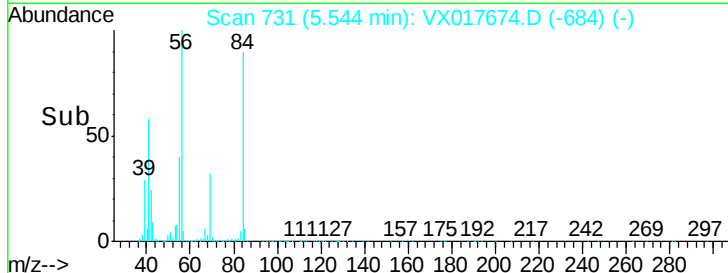
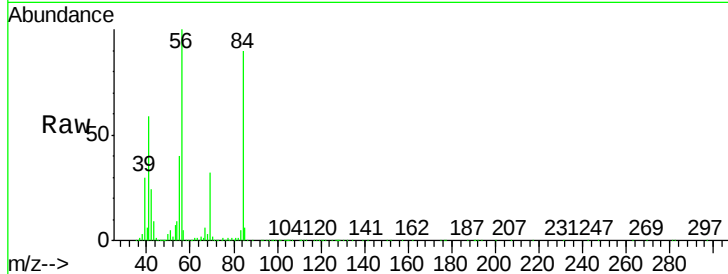
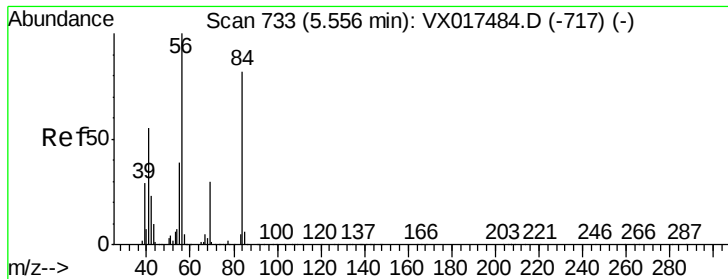
MMDadoda
7/31/2020 11:57:54 AM



#30
Chloroform
Concen: 47.081 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.2





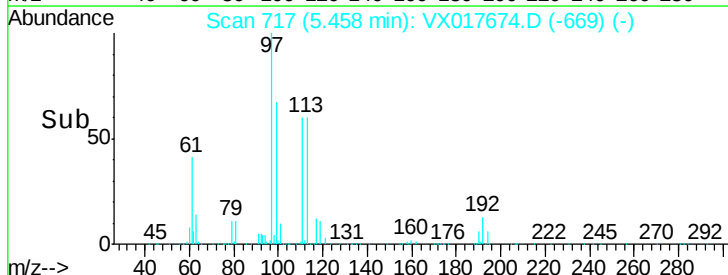
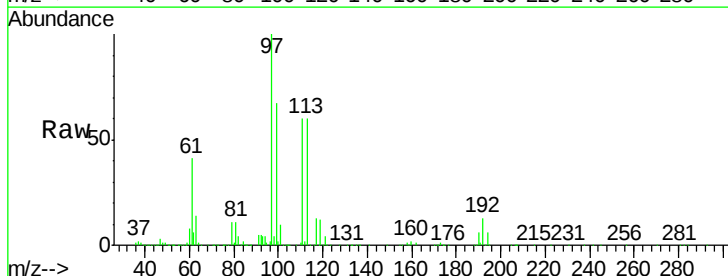
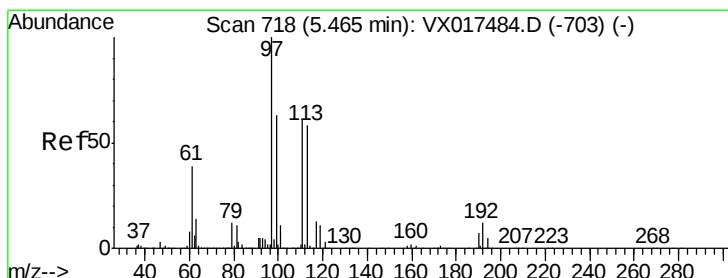
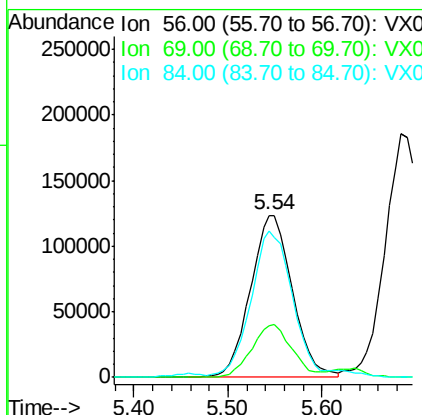
#31
Cyclohexane
Concen: 43.933 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tot Ion	56	Resp	383131
Ion Ratio	Lower	Upper	
56	100		
69	31.9	24.2	36.4
84	87.6	69.0	103.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

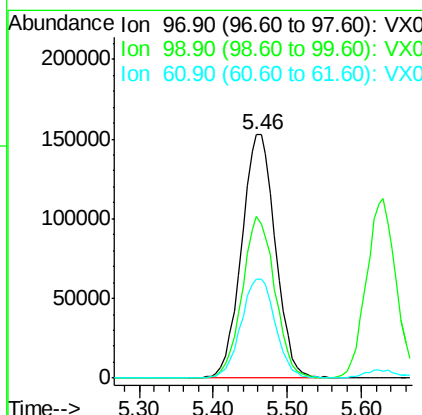
Manual Integrations
APPROVED

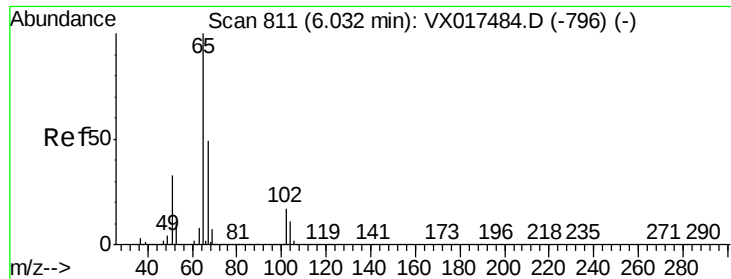
MMDadoda
7/31/2020 11:57:54 AM



#32
1,1,1-Trichloroethane
Concen: 46.089 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	97	Resp	485634
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.9	77.9
61	41.4	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 49.066 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 346959

Ion Ratio Lower Upper

65 100

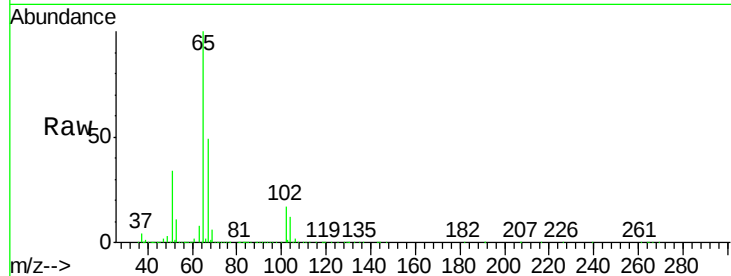
67 50.1 0.0 102.8

Manual Integrations

APPROVED

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

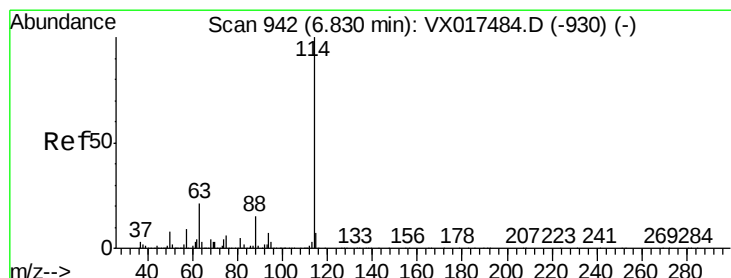
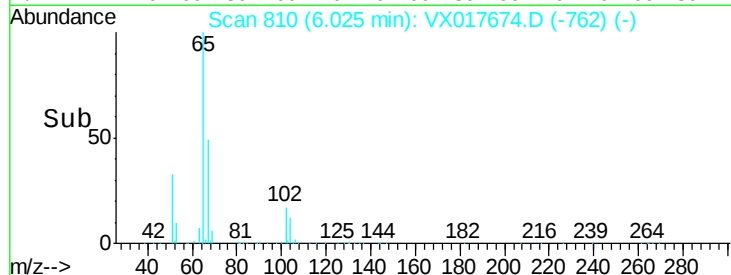
50000

0

6.03

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

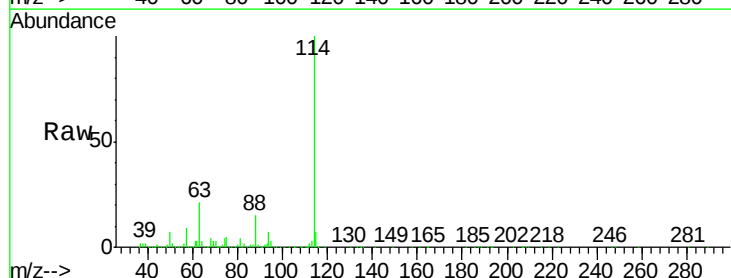
Tgt Ion: 114 Resp: 796341

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

88 15.5 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

400000

300000

200000

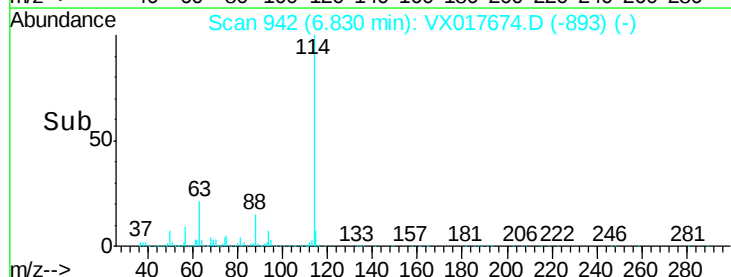
100000

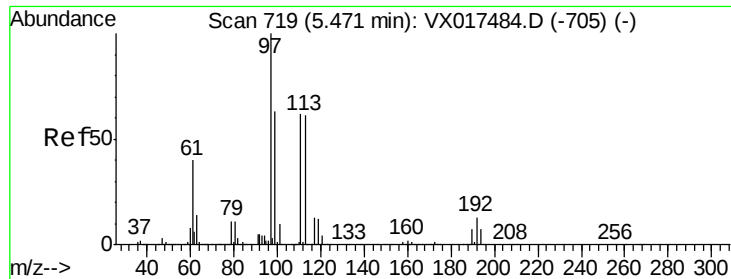
0

6.83

6.70 6.80 6.90

Time-->





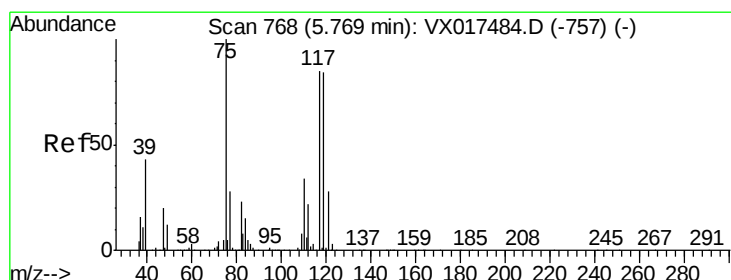
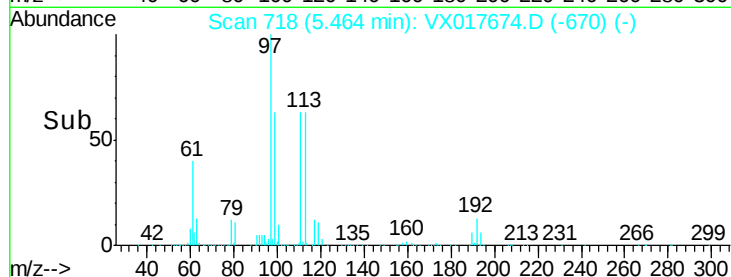
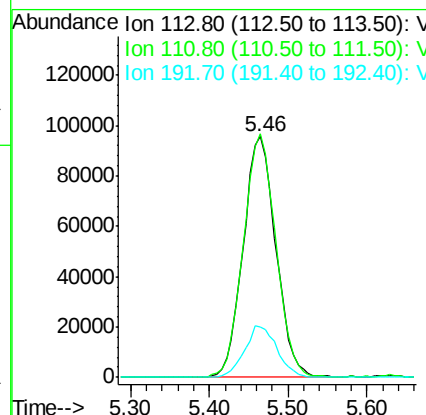
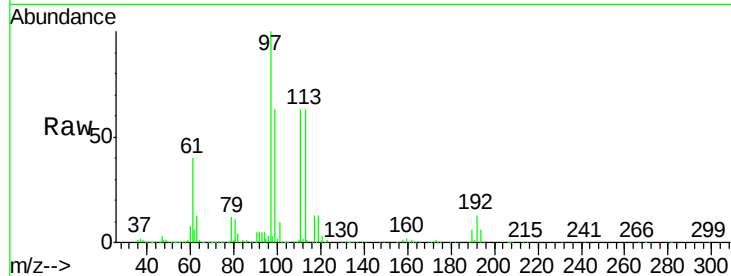
#35
Dibromofluoromethane
Concen: 51.761 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	80.7	121.1
192	21.3	16.9	25.3

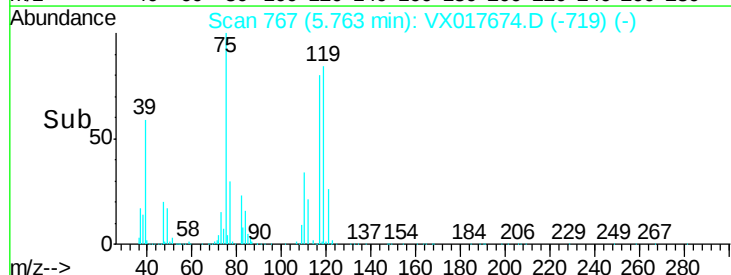
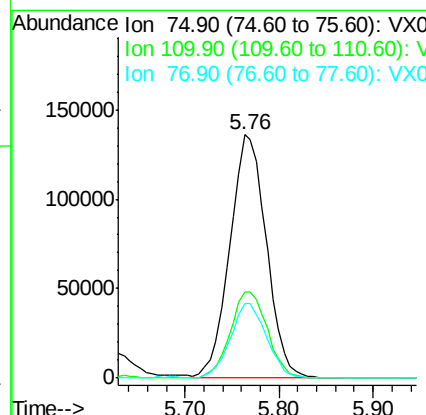
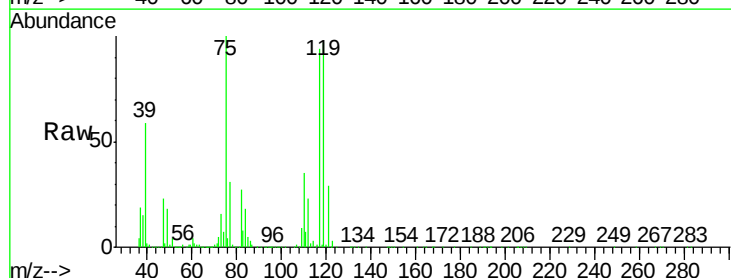
Manual Integrations
APPROVED

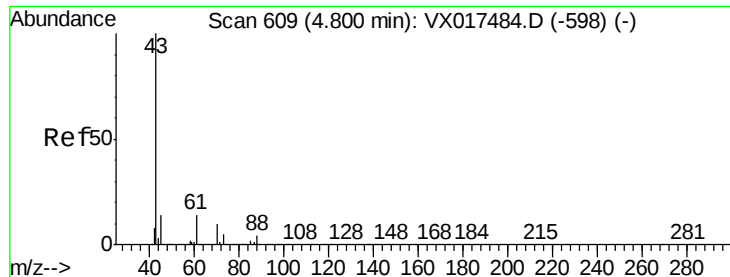
MMDadoda
7/31/2020 11:57:54 AM



#36
1,1-Dichloropropene
Concen: 47.663 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.3
77	30.3	24.6	37.0





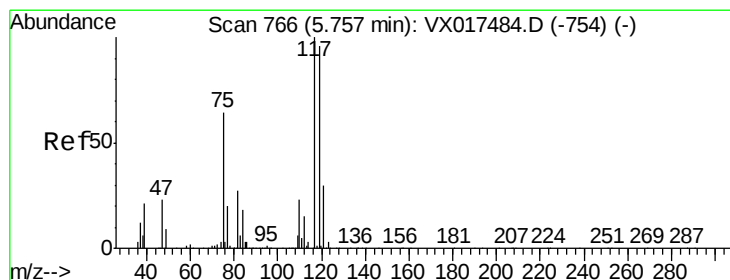
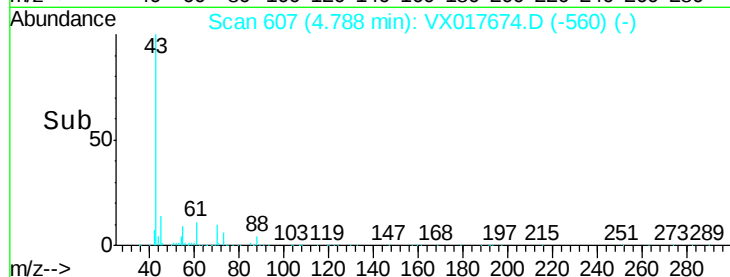
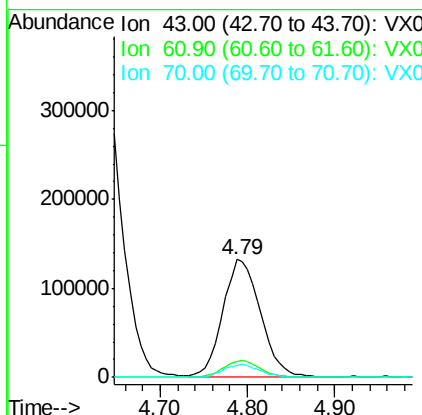
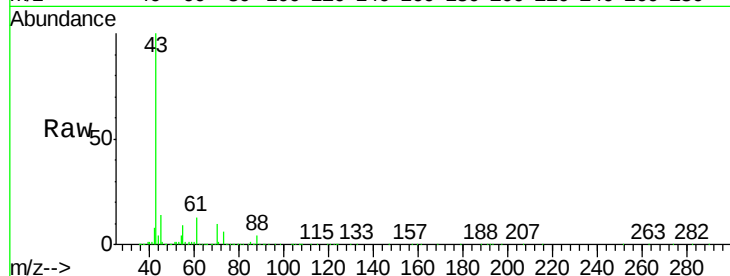
#37
Ethyl Acetate
Concen: 47.113 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.6	8.5	12.7

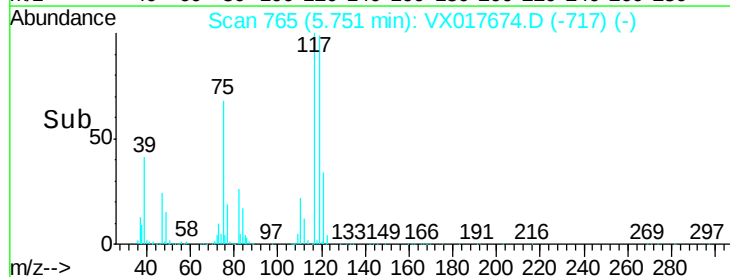
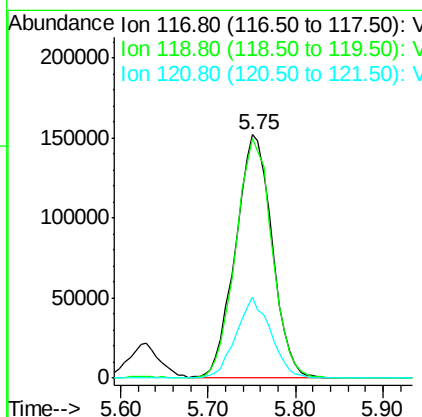
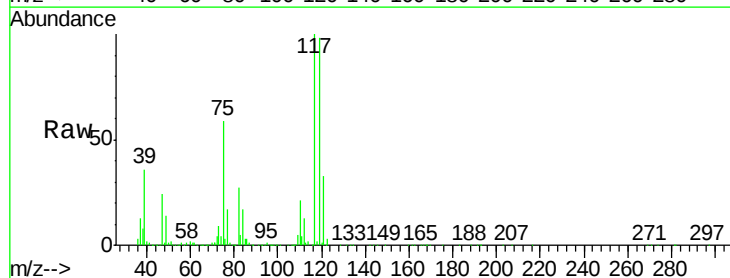
Manual Integrations
APPROVED

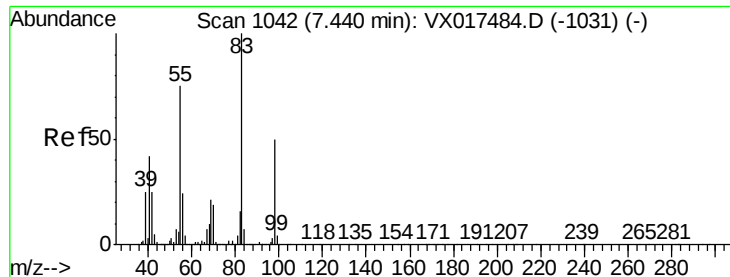
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7/31/2020 11:57:54 AM



#38
Carbon Tetrachloride
Concen: 47.704 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.4	113.0
121	33.1	24.3	36.5





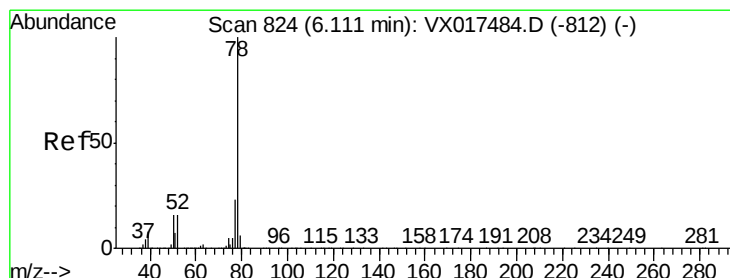
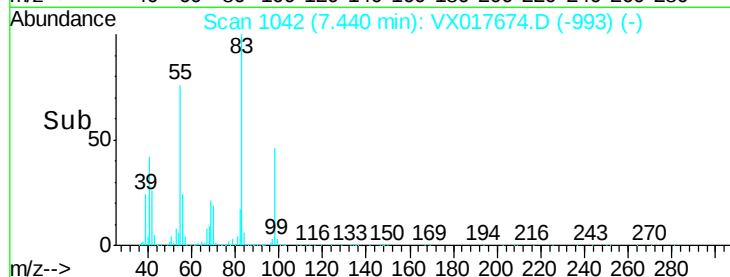
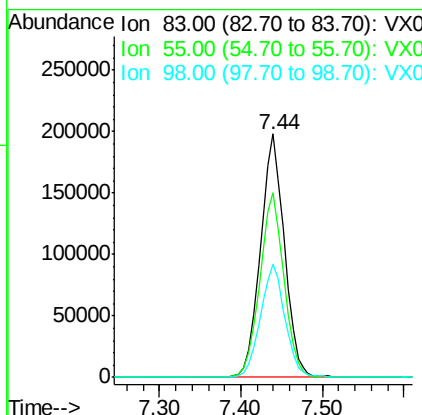
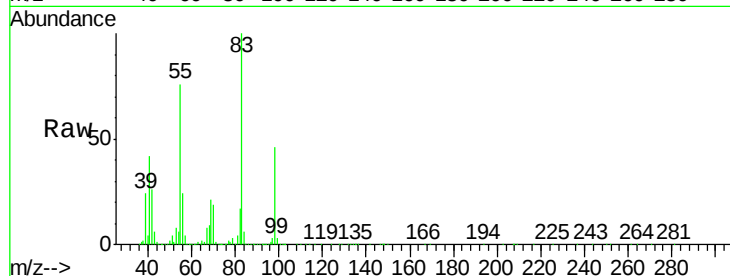
#39
Methvlcvclohexane
Concen: 45.524 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	61.8	92.8
98	46.4	36.9	55.3

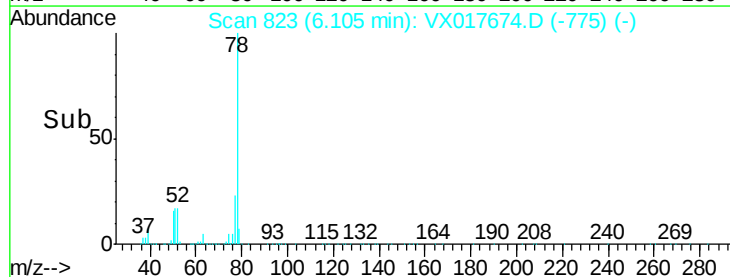
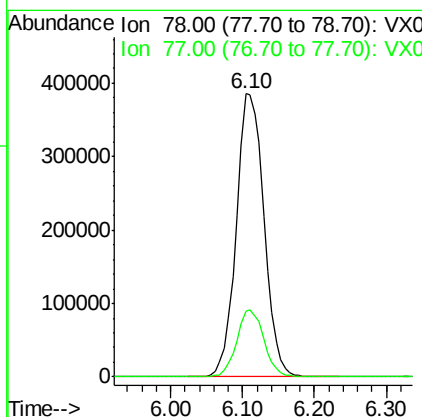
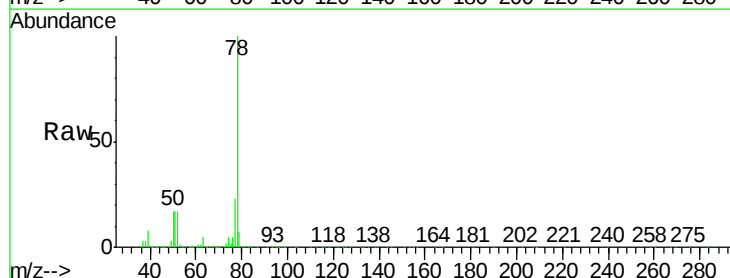
Manual Integrations
APPROVED

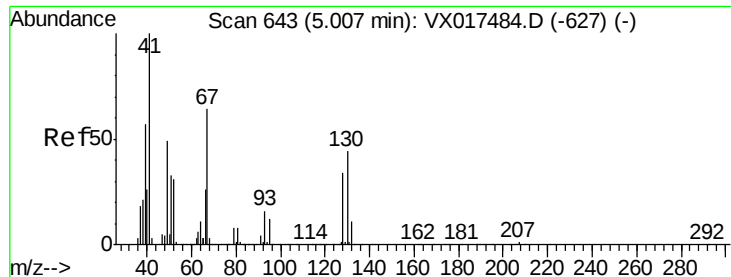
MMDadoda
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#40
Benzene
Concen: 47.027 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.2





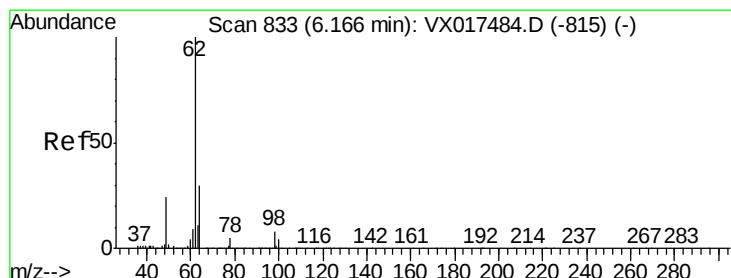
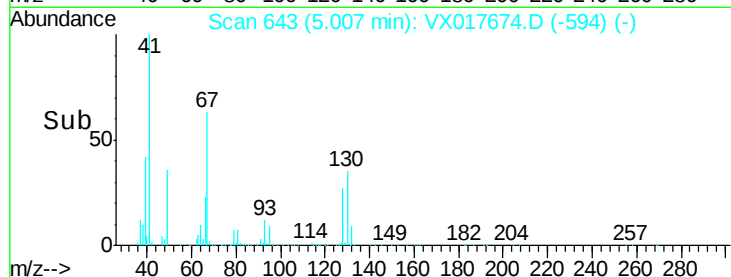
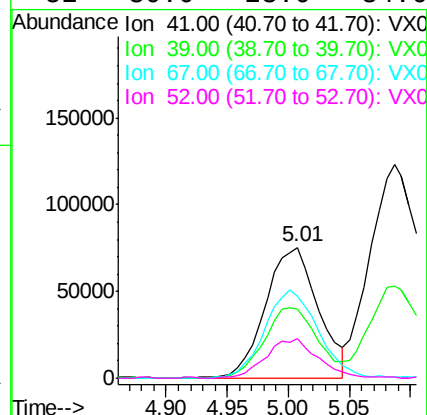
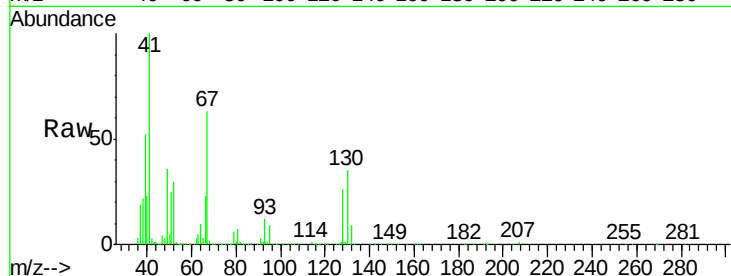
#41
Methacrylonitrile
Concen: 46.977 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.9	65.9
67	68.7	54.0	81.0
52	30.0	23.0	34.6

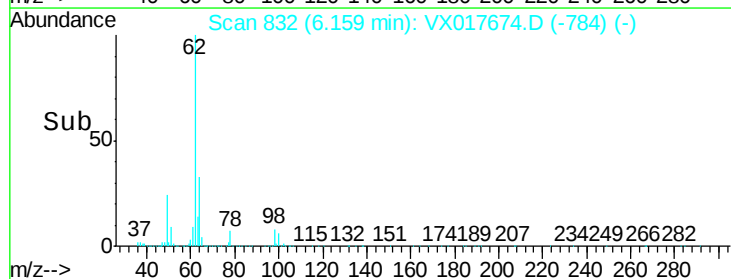
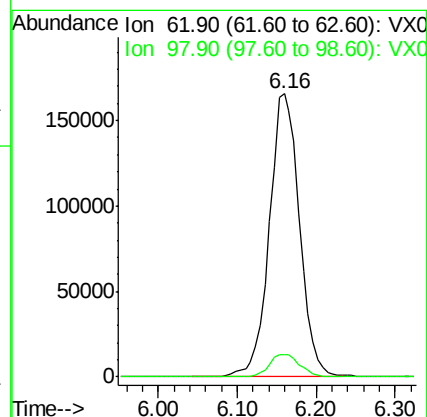
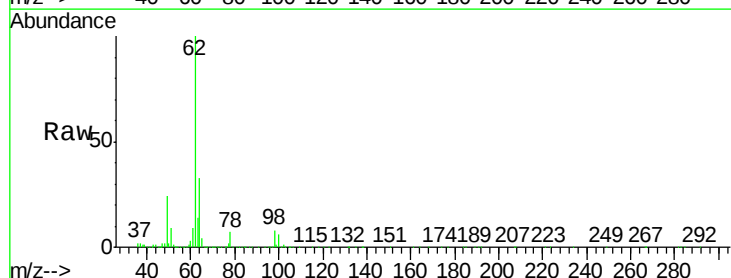
Manual Integrations
APPROVED

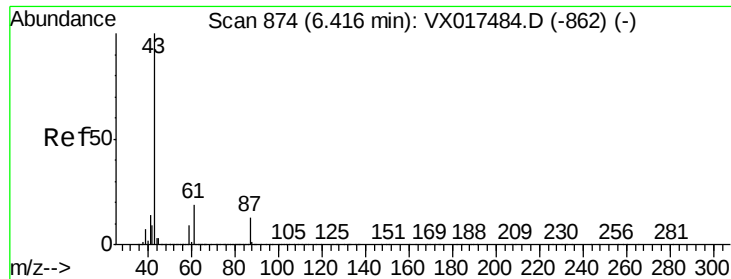
MMDadoda
7/31/2020 11:57:54 AM



#42
1,2-Dichloroethane
Concen: 48.920 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0





#43

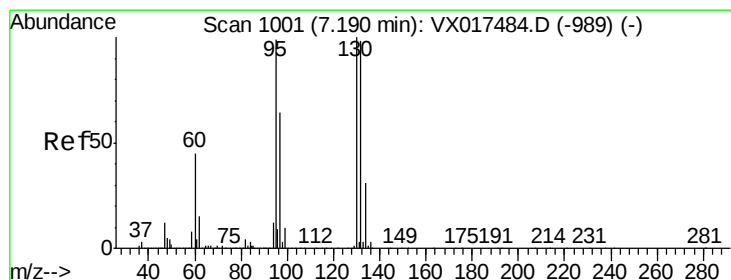
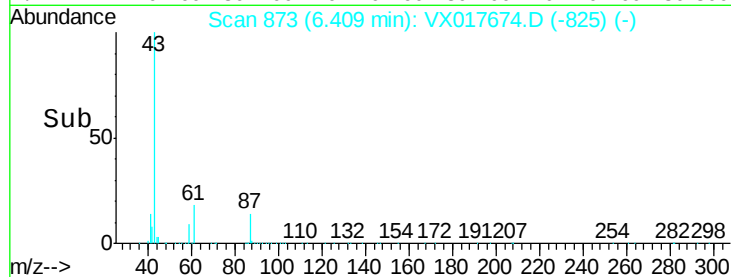
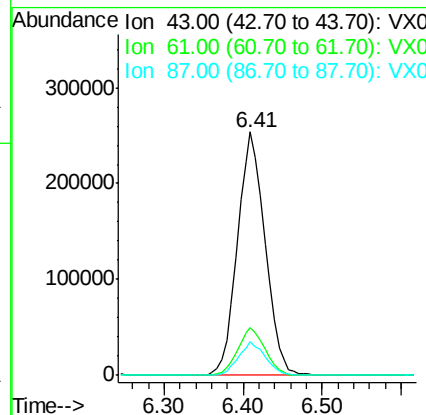
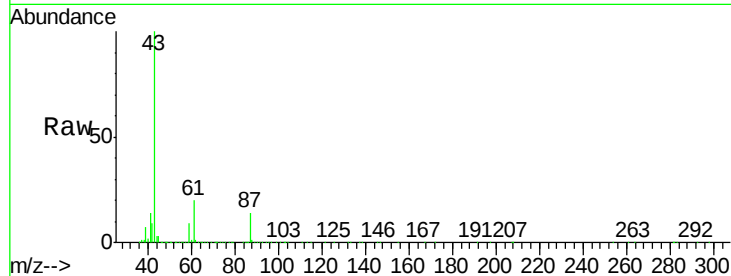
Isopropyl Acetate
 Concen: 44.799 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.5	23.3
87	13.6	10.5	15.7

Manual Integrations
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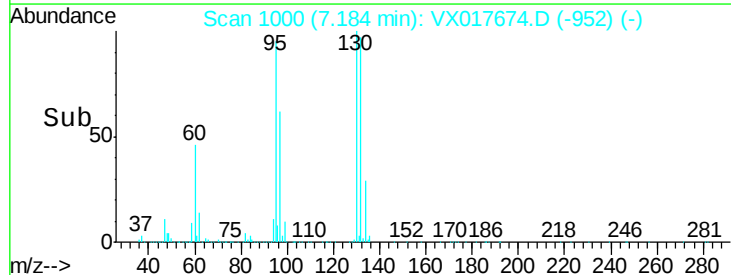
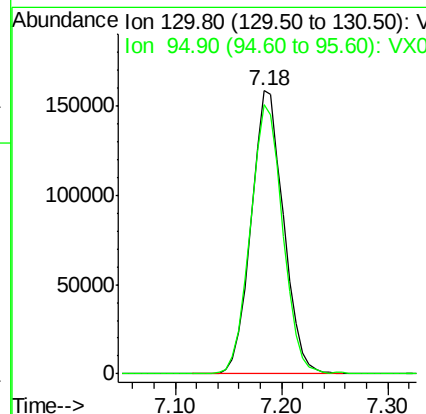
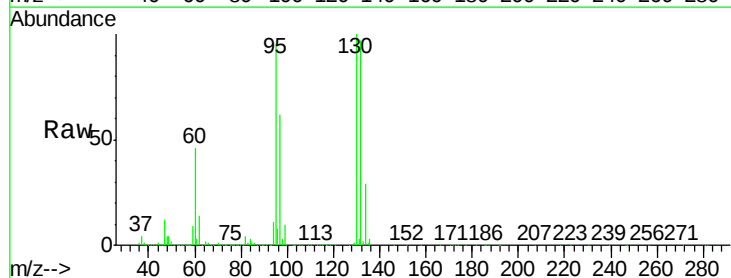
MMDadoda
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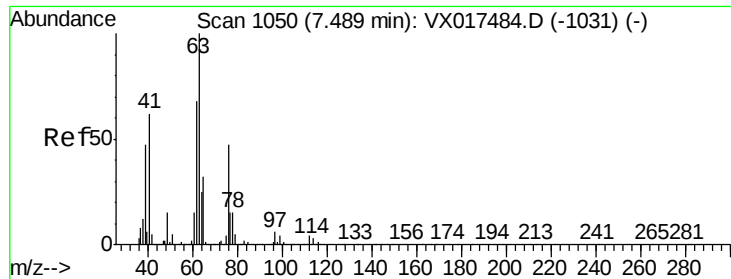


#44

Trichloroethene
 Concen: 52.825 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	189.0





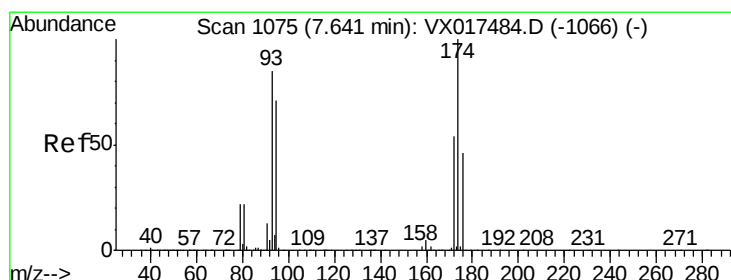
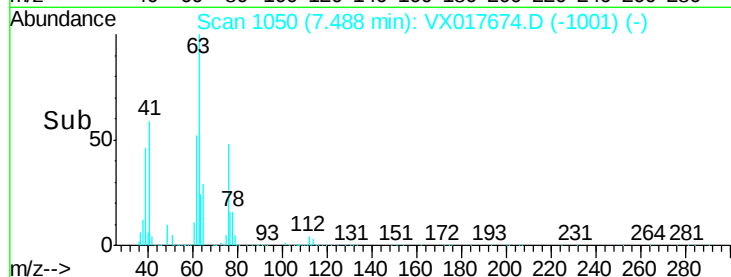
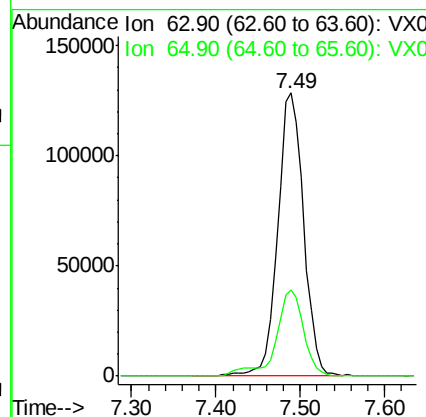
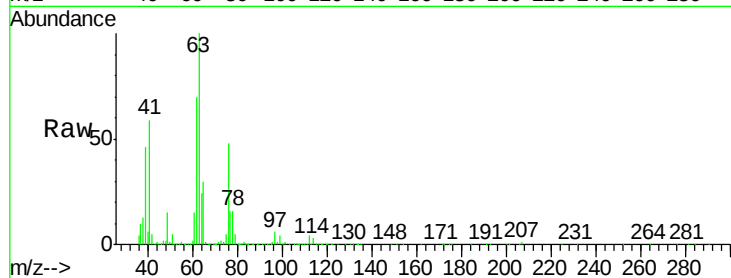
#45
 1,2-Dichloropropane
 Concen: 44.994 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.5	36.7

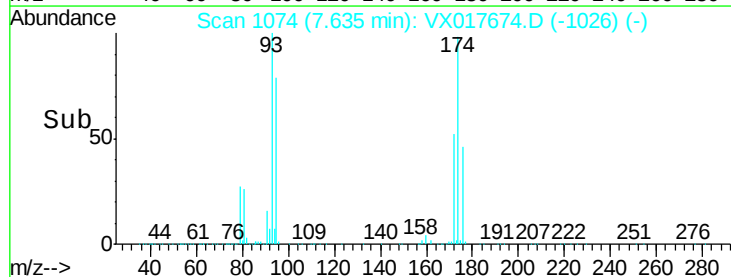
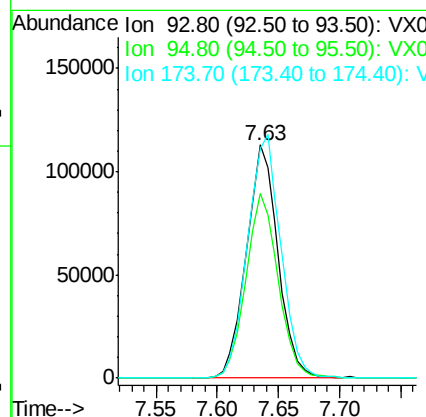
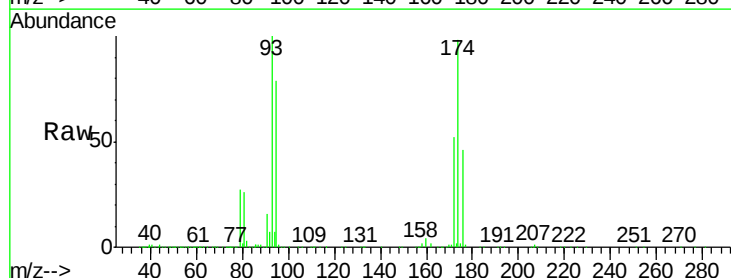
Manual Integrations
 APPROVED

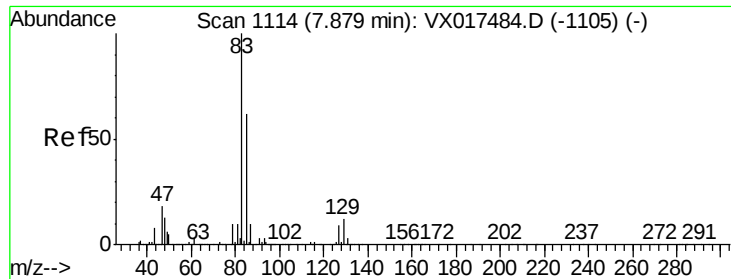
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#46
 Dibromomethane
 Concen: 47.456 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.3	66.6	99.8
174	110.4	87.0	130.6





#47

Bromodichloromethane

Concen: 48.151 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

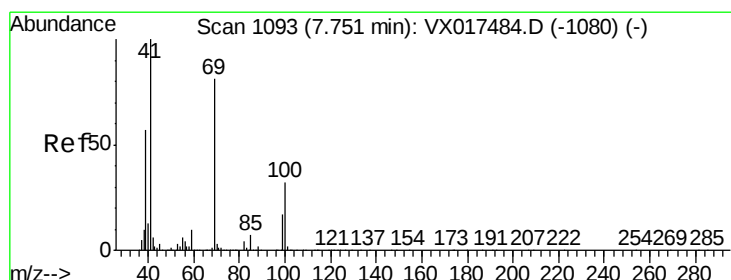
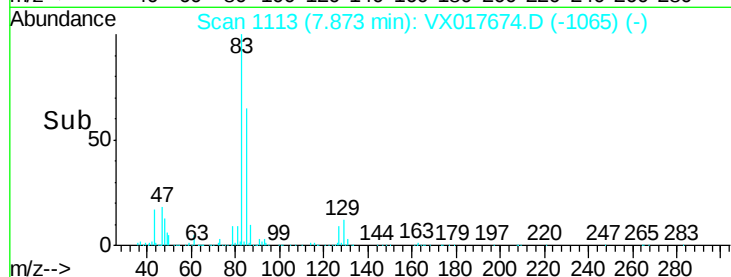
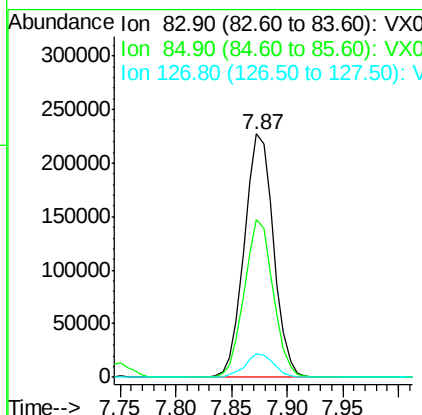
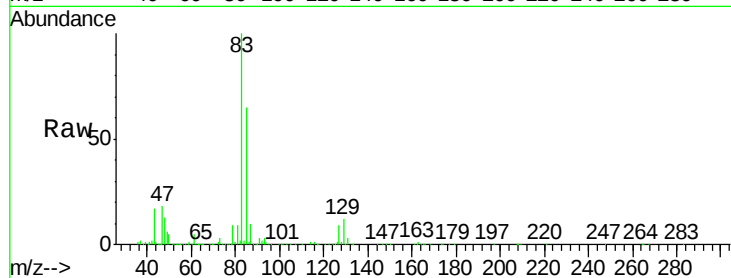
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	415620
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	9.4	7.4	11.2

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#48

Methyl methacrylate

Concen: 45.865 ug/l

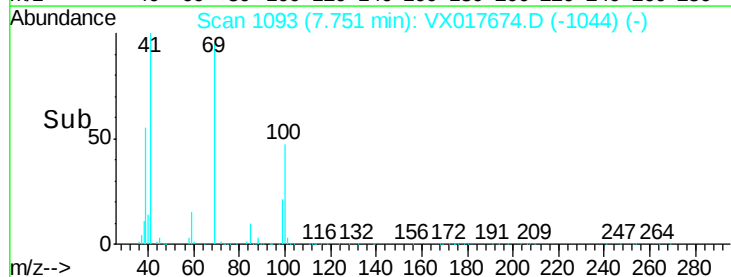
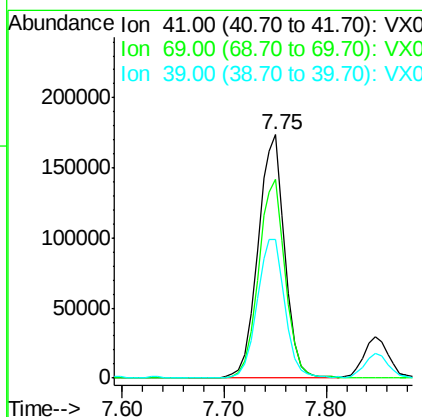
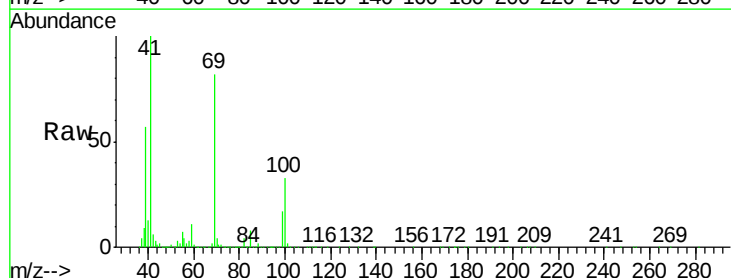
RT: 7.75 min Scan# 1093

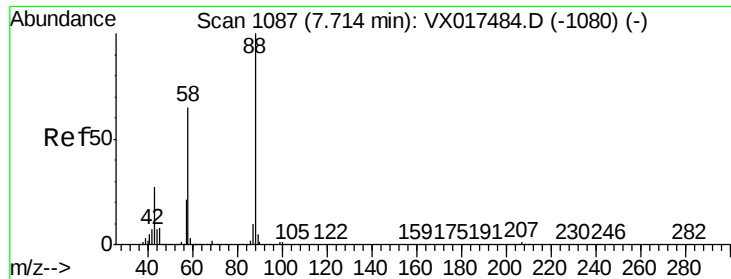
Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion:	41	Resp:	313474
Ion	Ratio	Lower	Upper
41	100		
69	82.5	63.1	94.7
39	59.1	45.1	67.7





#49

1,4-Dioxane

Concen: 957.039 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

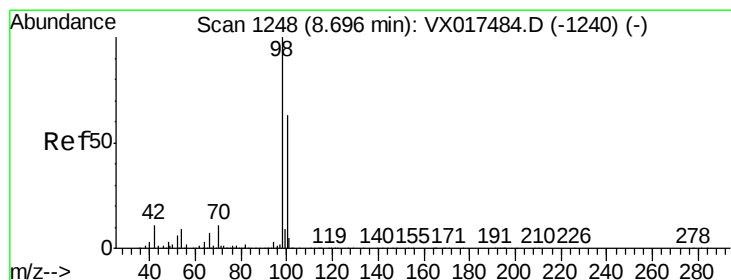
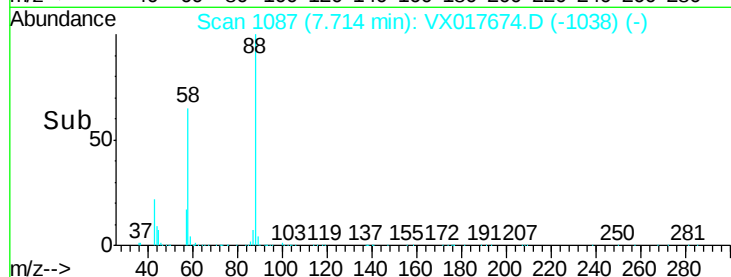
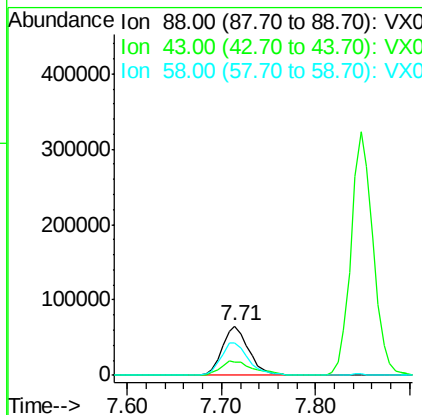
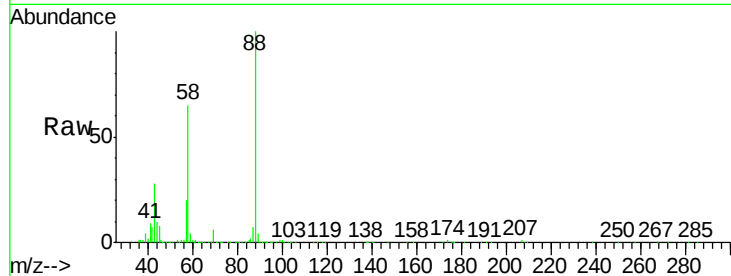
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	125407
Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.8	41.6
58	70.9	58.3	87.5

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#50

Toluene-d8

Concen: 46.934 ug/l

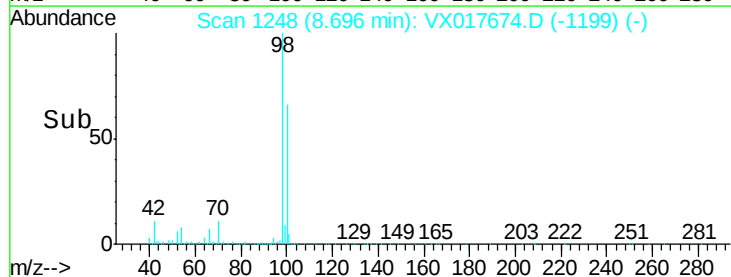
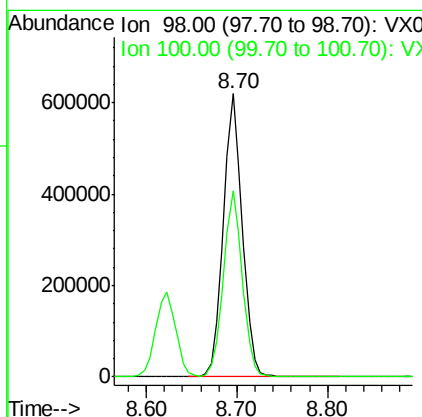
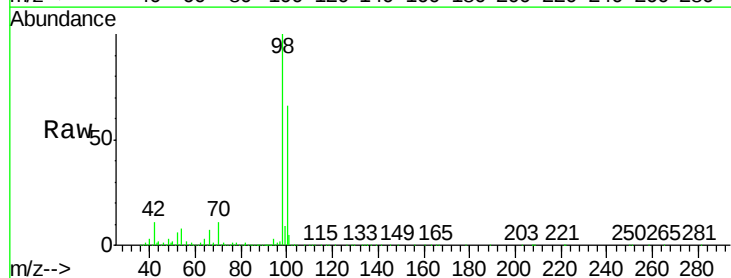
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion:	98	Resp:	901766
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 225.705 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1856844

Ion Ratio Lower Upper

43 100

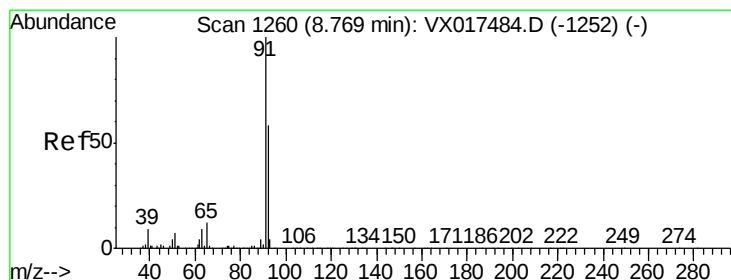
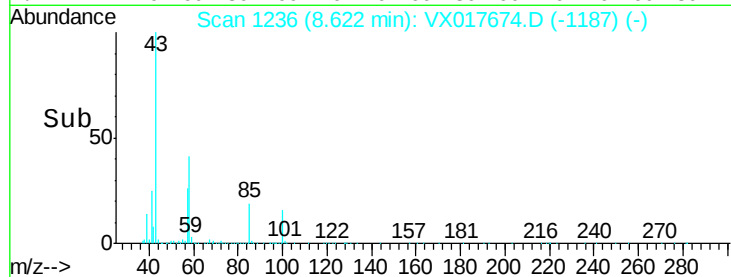
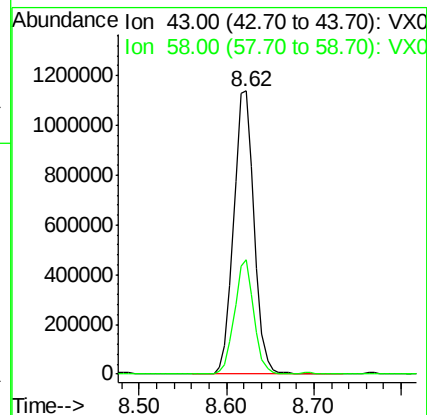
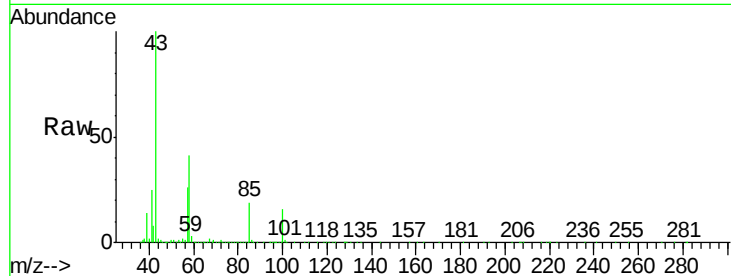
58 38.2 31.0 46.4

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#52

Toluene

Concen: 44.928 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017674.D

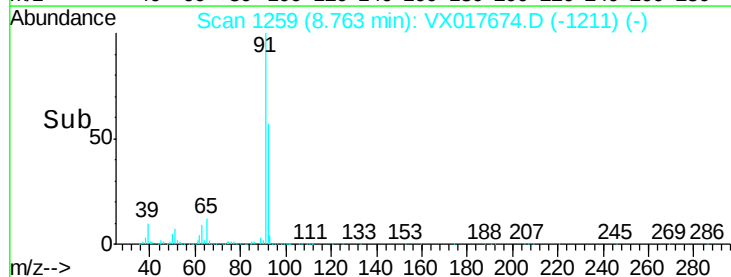
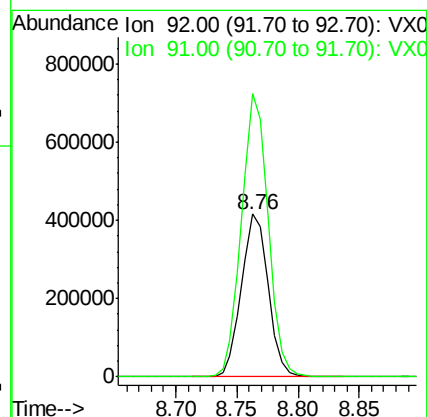
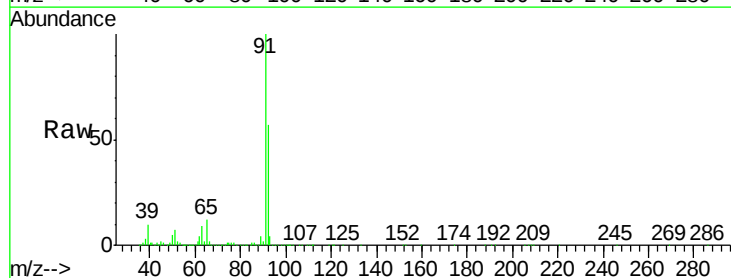
Acq: 30 Jul 2020 11:02

Tgt Ion: 92 Resp: 630917

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4





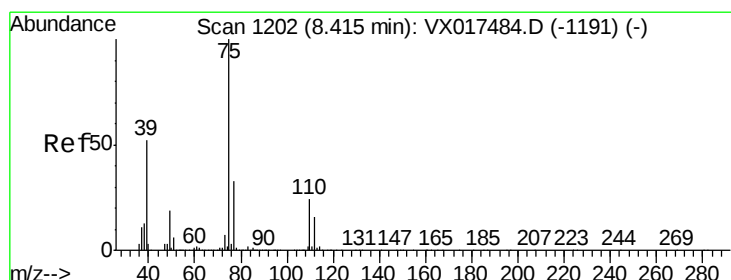
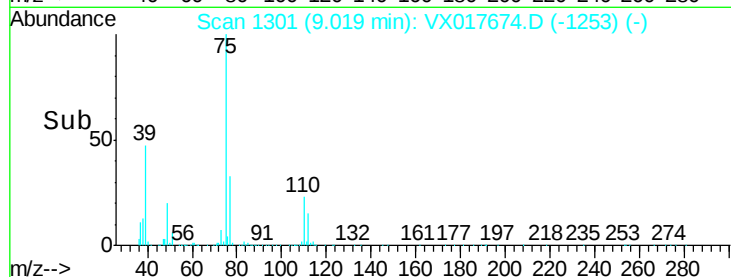
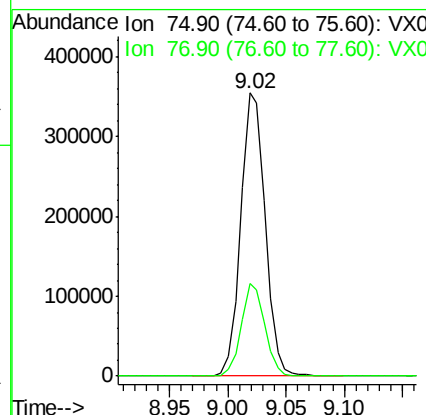
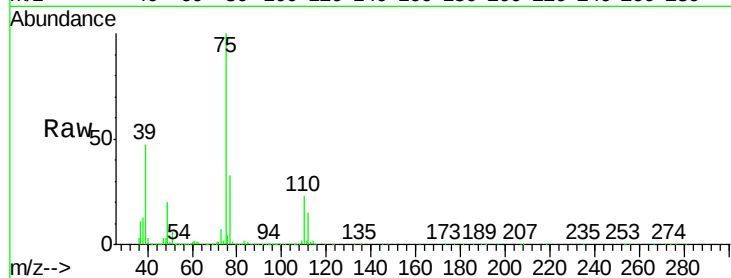
#53
t-1,3-Dichloropropene
Concen: 53.713 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 518998
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3

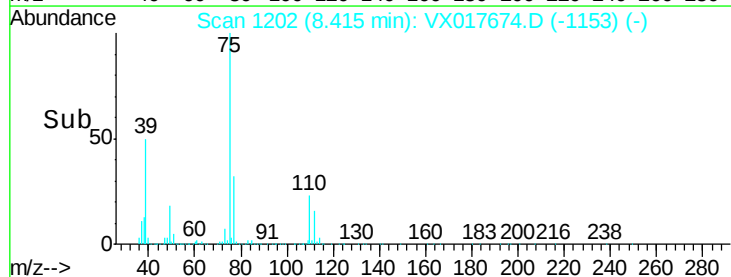
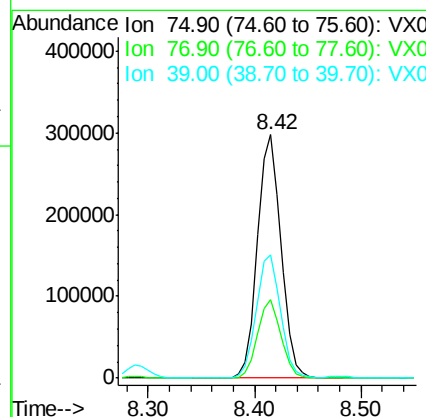
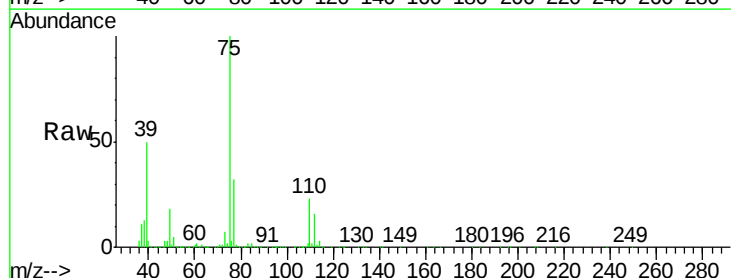
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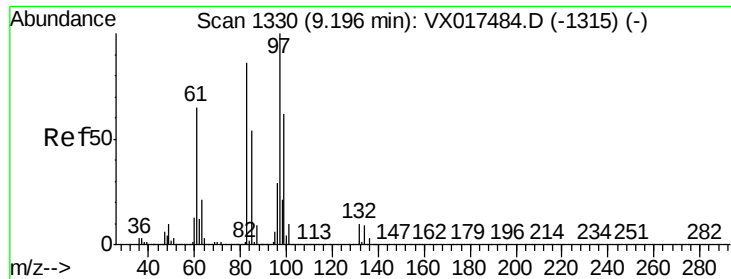
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#54
cis-1,3-Dichloropropene
Concen: 47.085 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 75 Resp: 464051
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
39 50.4 41.8 62.8





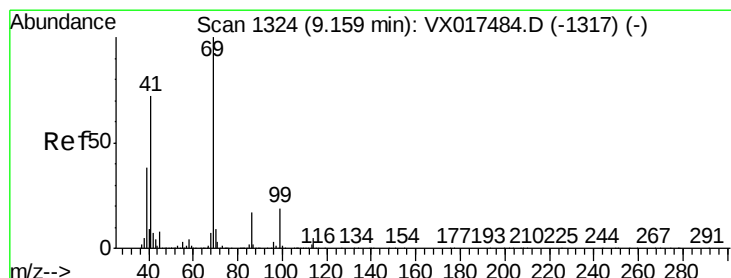
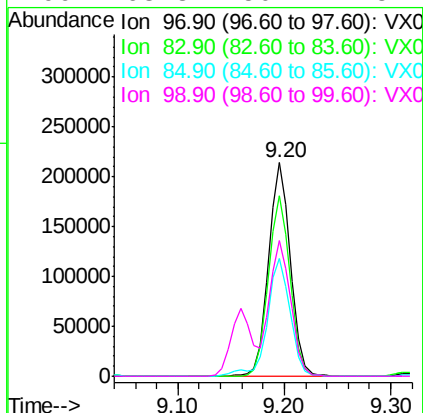
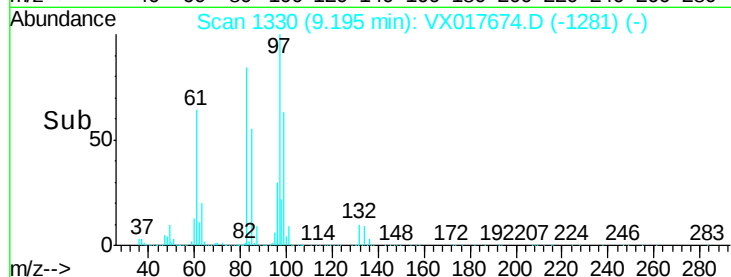
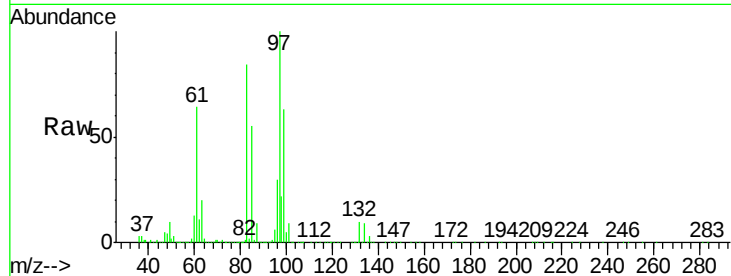
#55
 1,1,2-Trichloroethane
 Concen: 52.626 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.6	101.4
85	55.1	44.6	67.0
99	63.3	50.2	75.4

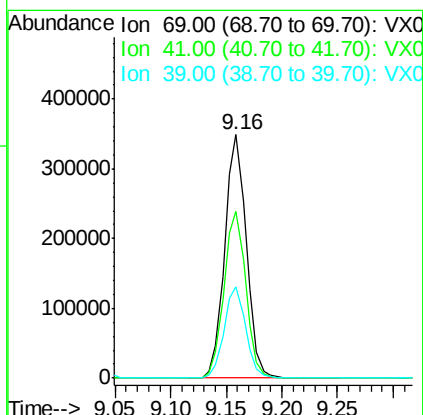
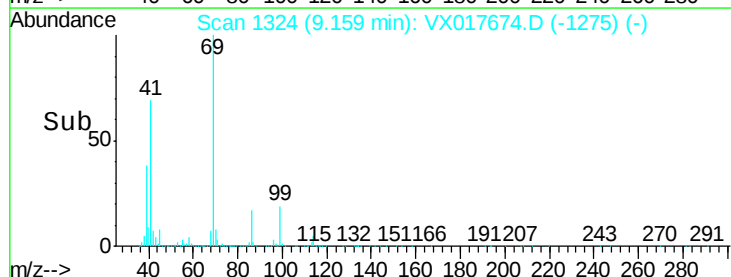
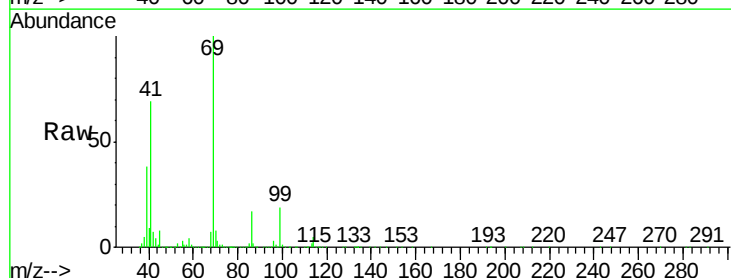
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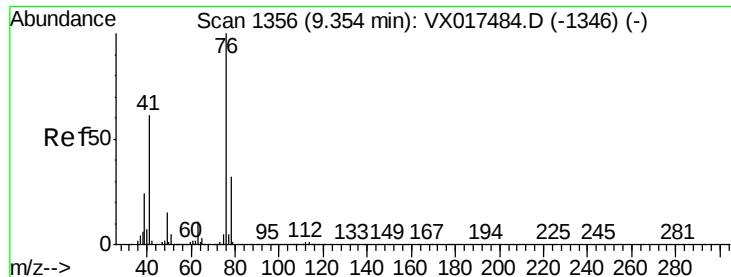
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#56
 Ethyl methacrylate
 Concen: 53.282 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.0	82.6
39	37.6	30.0	45.0





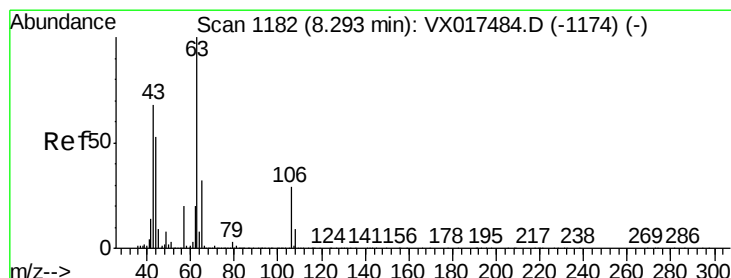
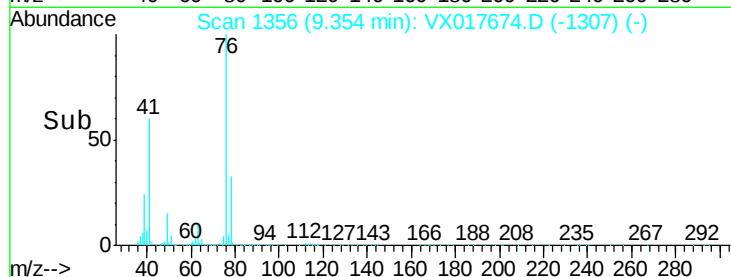
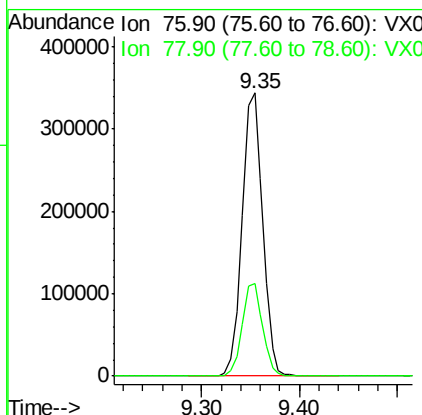
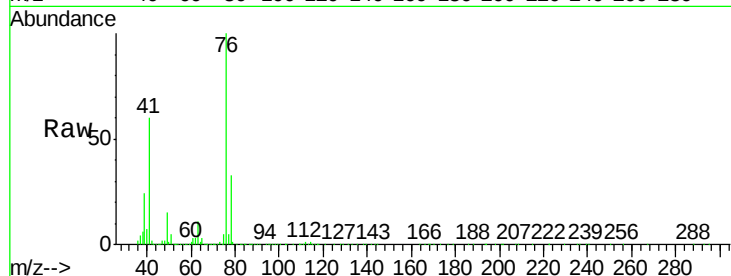
#57
 1,3-Dichloropropane
 Concen: 52.126 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

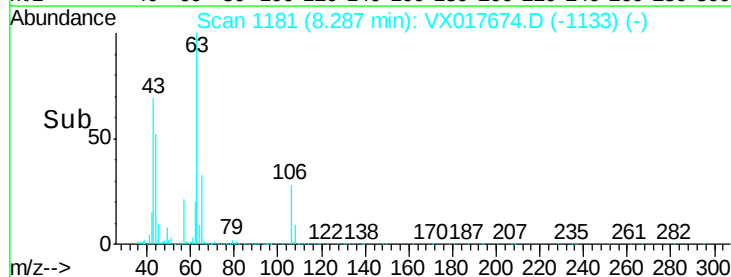
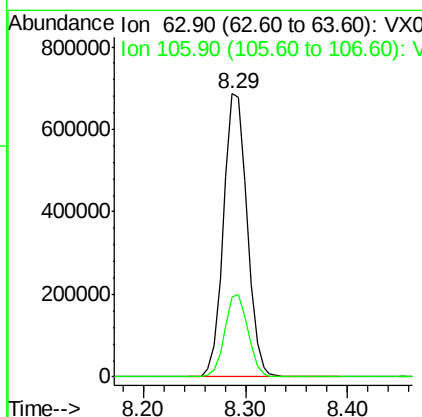
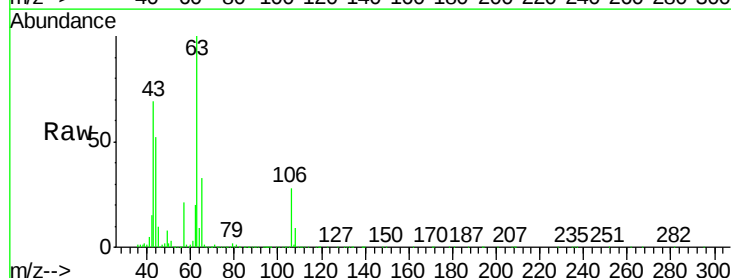
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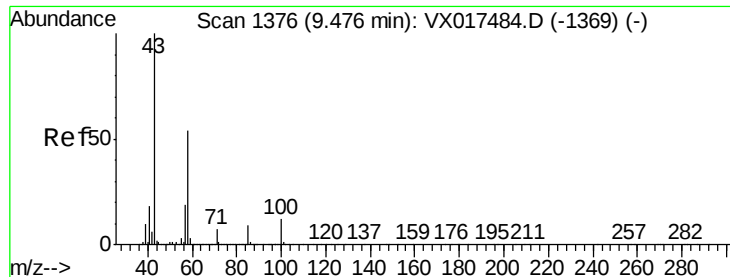
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#58
 2-Chloroethyl Vinyl ether
 Concen: 236.336 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	22.6	34.0





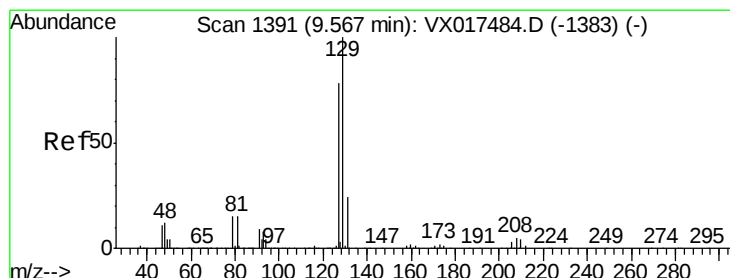
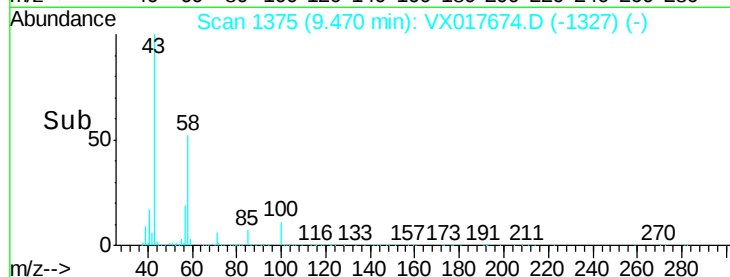
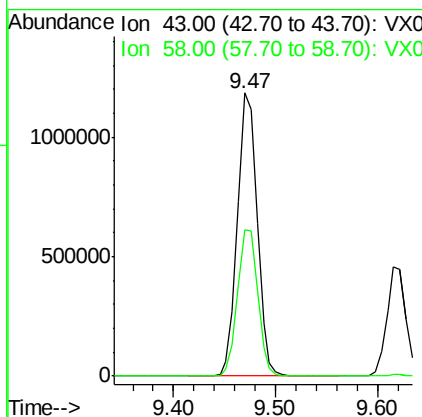
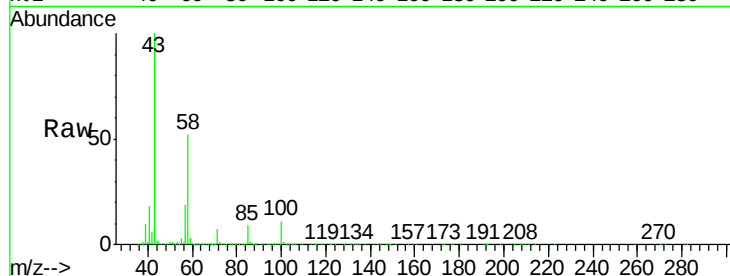
#59
2-Hexanone
Concen: 255.291 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1581242
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.8

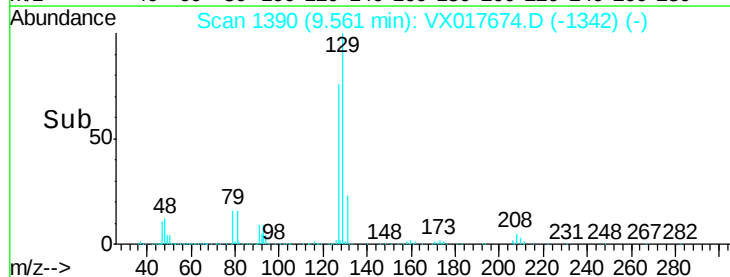
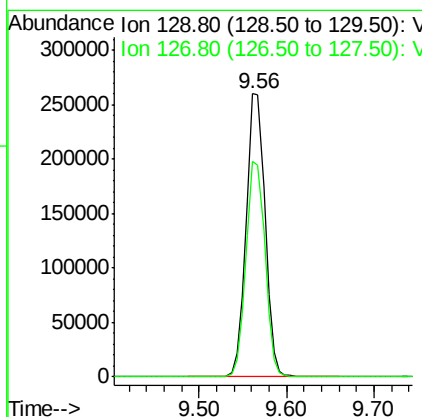
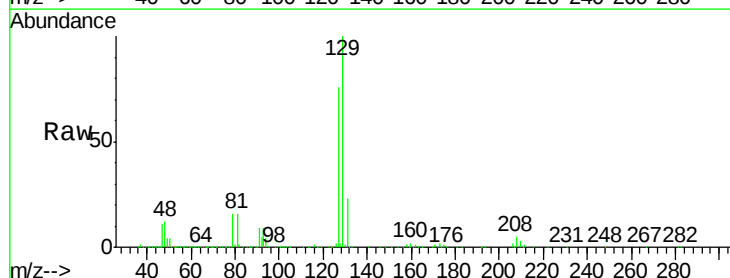
Manual Integrations
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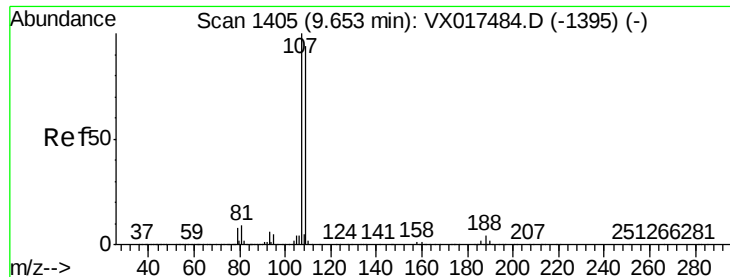
MMDadoda
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#60
Dibromochloromethane
Concen: 52.263 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 129 Resp: 388587
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





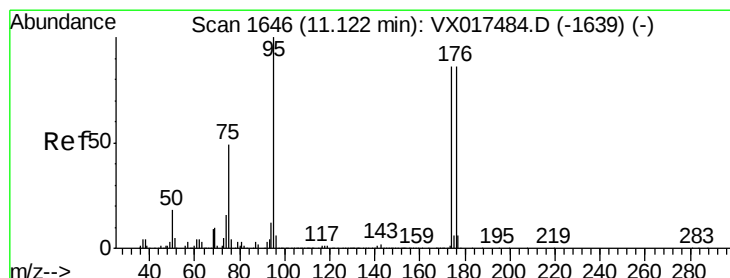
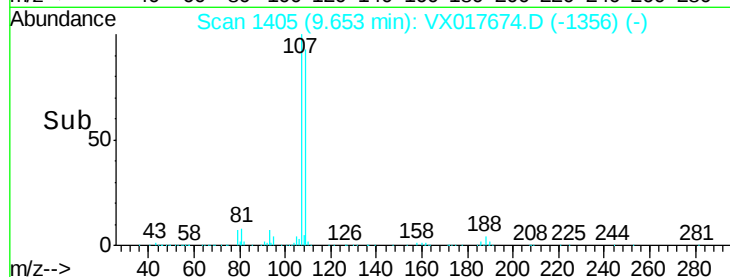
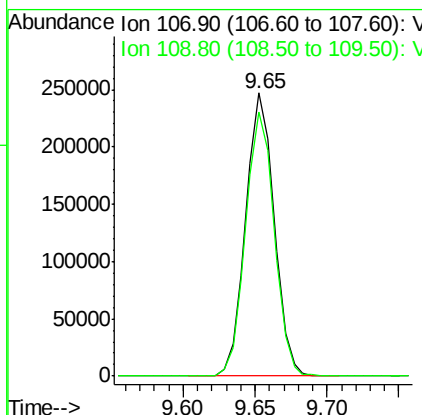
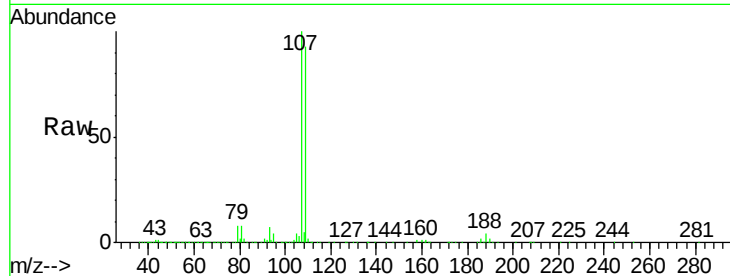
#61
 1,2-Dibromoethane
 Concen: 54.265 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.9	112.3

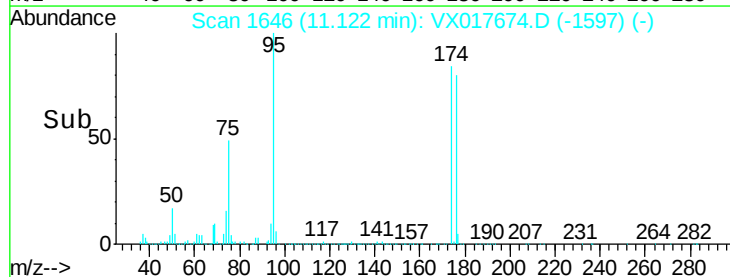
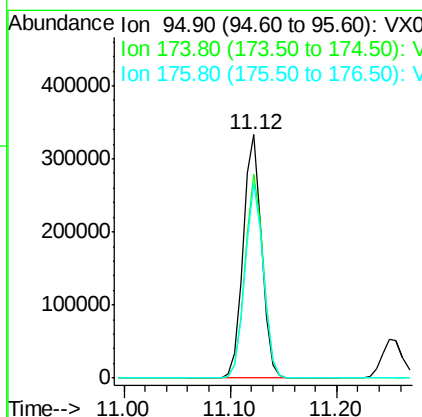
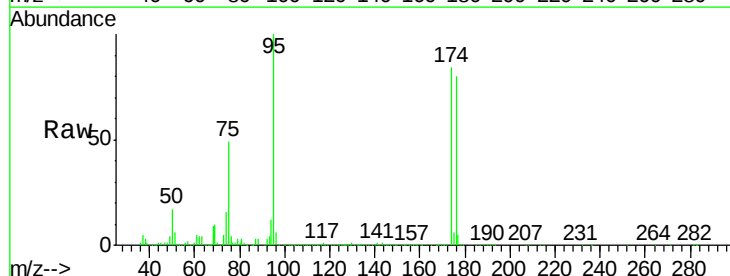
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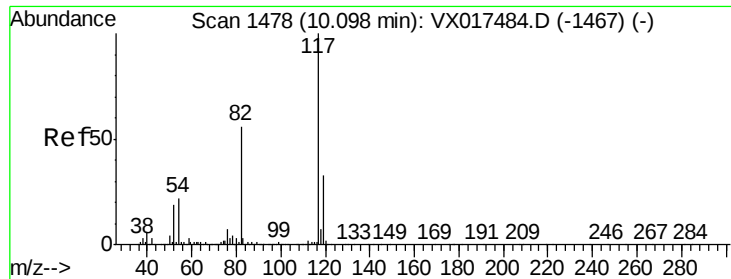
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#62
 4-Bromofluorobenzene
 Concen: 52.744 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	169.0
176	80.0	0.0	161.0





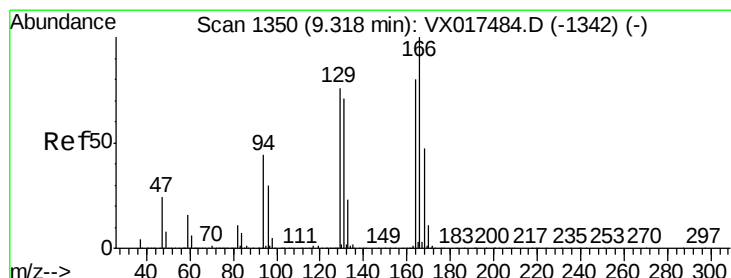
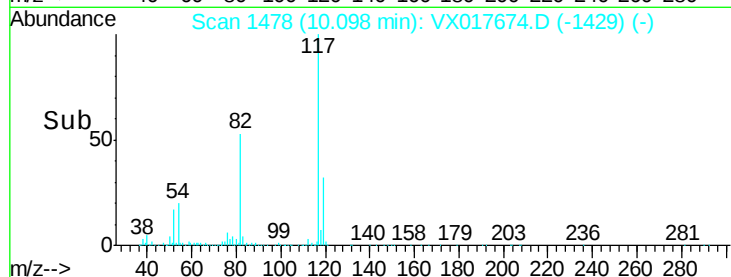
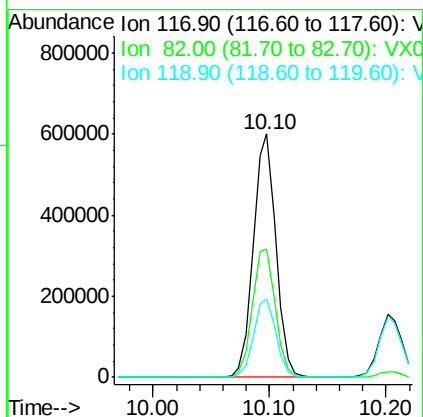
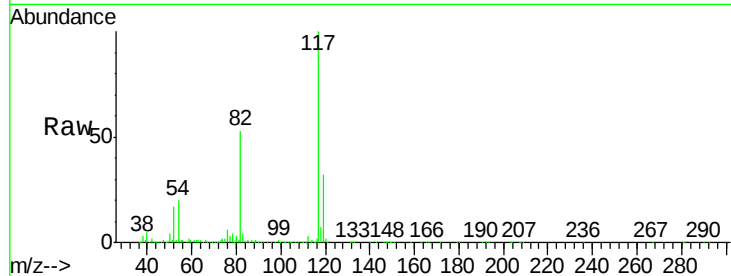
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.7	44.0	66.0
119	32.4	25.4	38.0

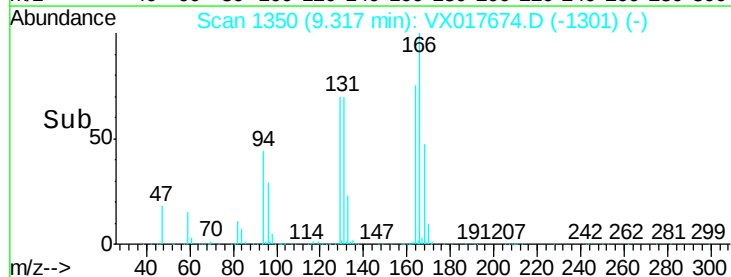
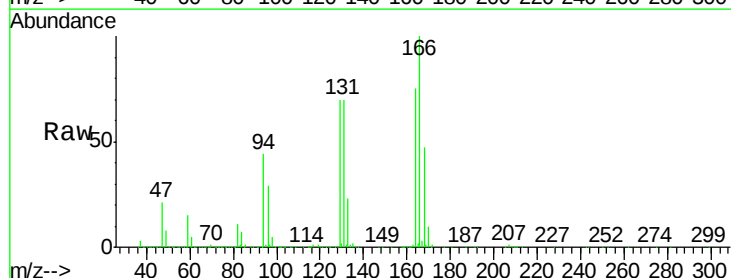
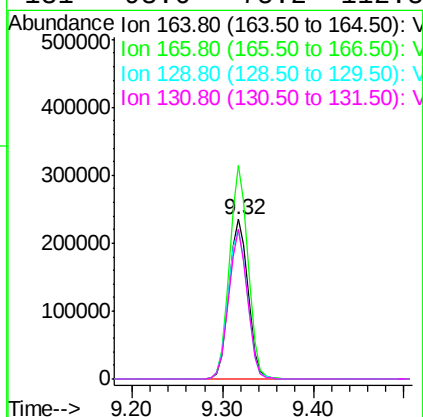
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#64
Tetrachloroethene
Concen: 47.256 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	133.8	100.6	150.8
129	93.7	75.0	112.6
131	93.6	75.2	112.8





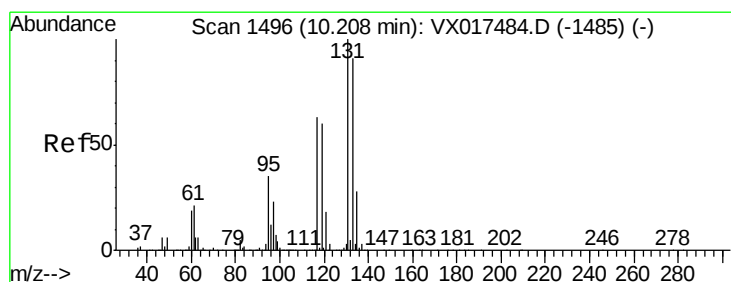
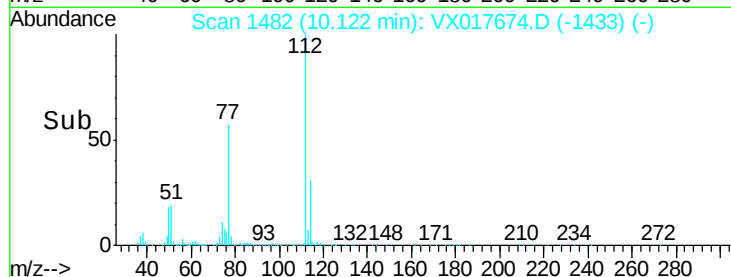
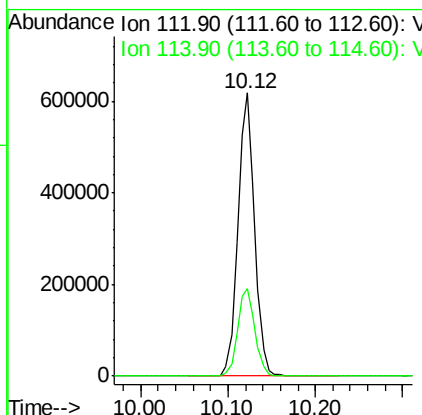
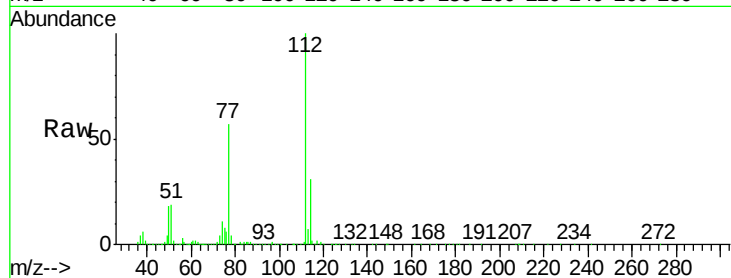
#65
Chlorobenzene
Concen: 46.854 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 819969
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

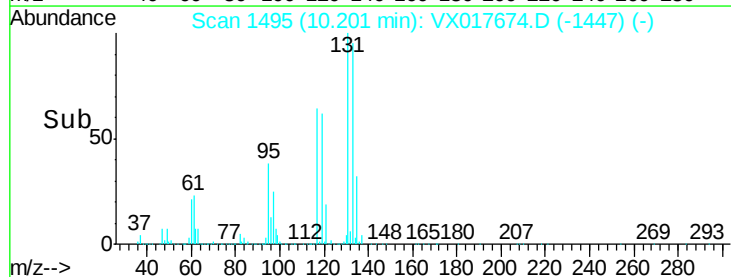
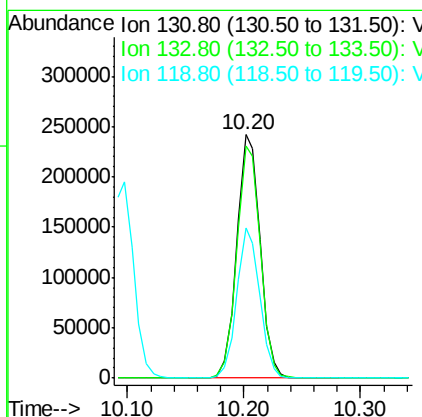
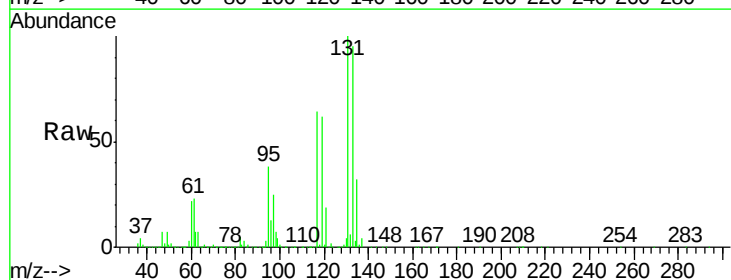
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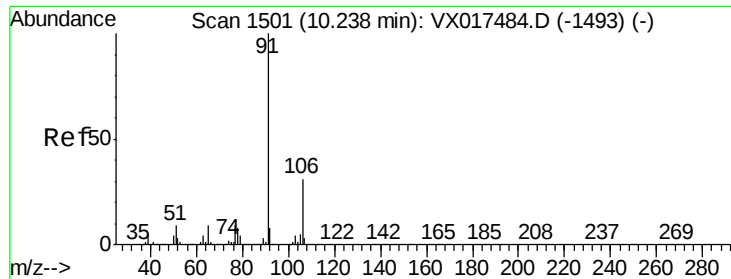
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.763 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion:131 Resp: 337350
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 60.8 31.1 93.3





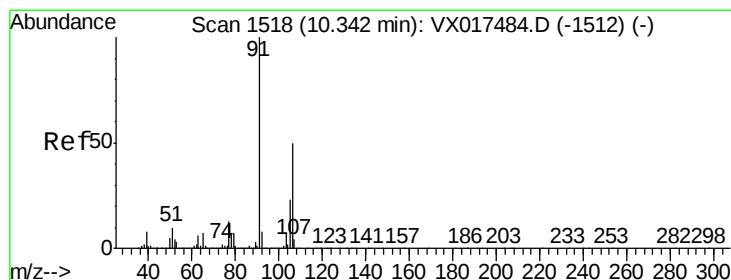
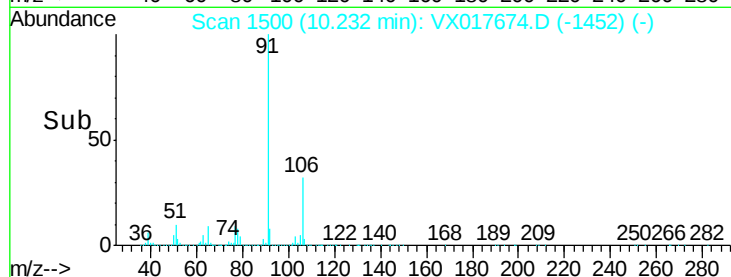
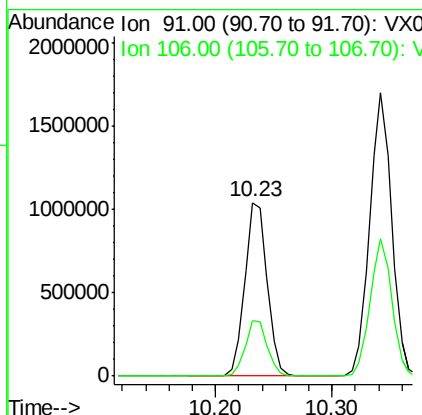
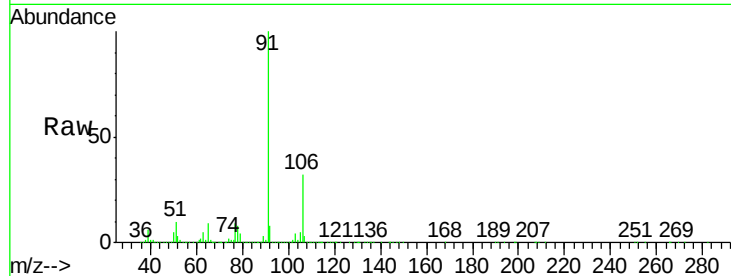
#67
Ethyl Benzene
Concen: 48.036 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1403259
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.6

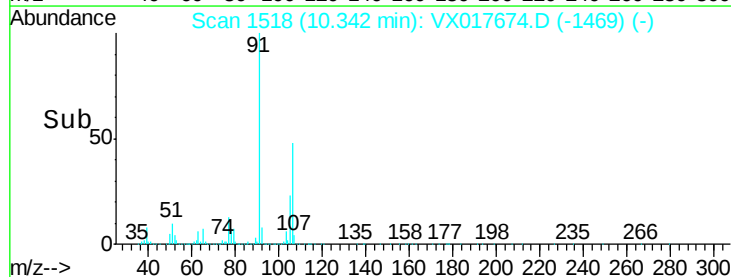
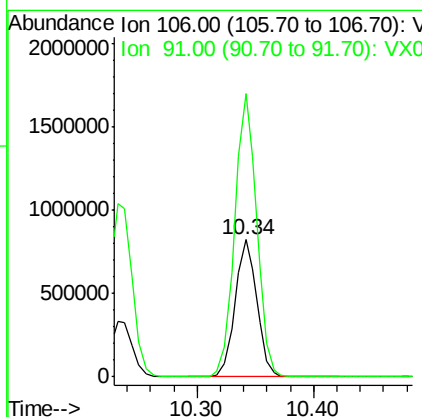
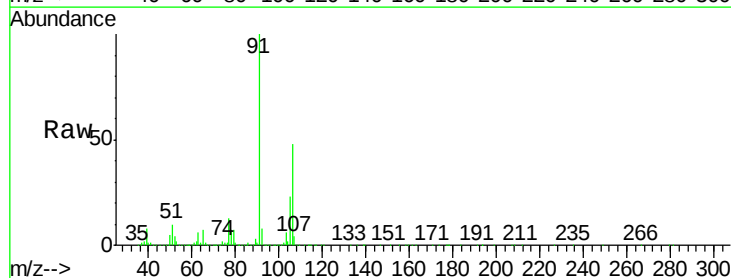
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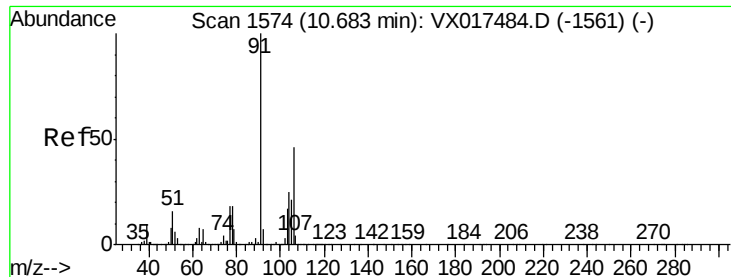
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#68
m/p-Xylenes
Concen: 94.758 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 106 Resp: 1072376
Ion Ratio Lower Upper
106 100
91 207.9 160.9 241.3





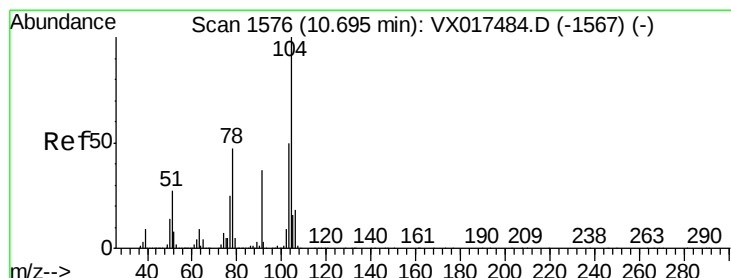
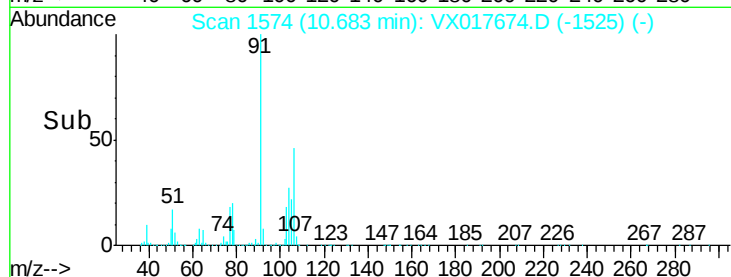
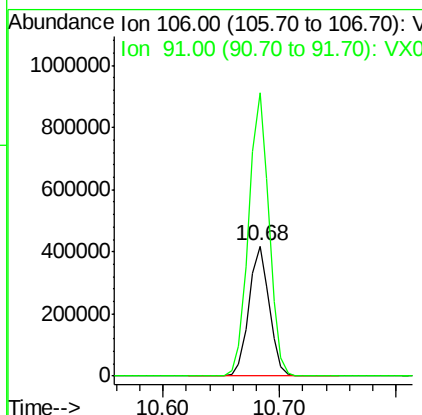
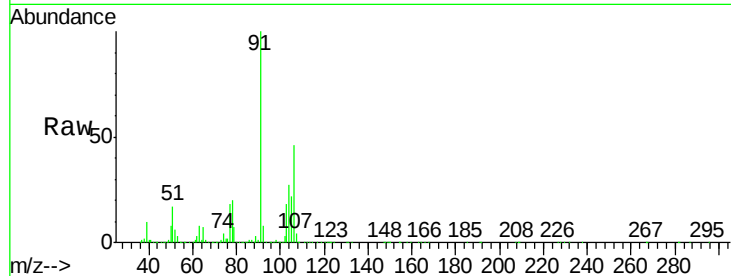
#69
o-Xylene
Concen: 47.060 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.6	108.2	324.6

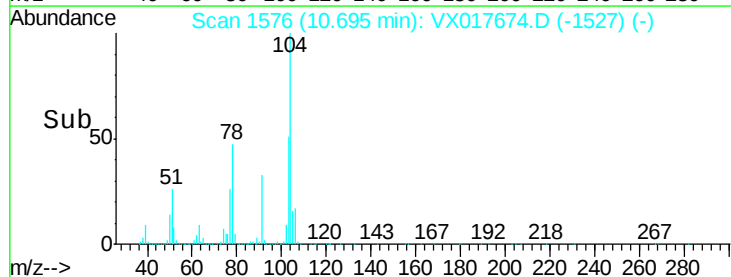
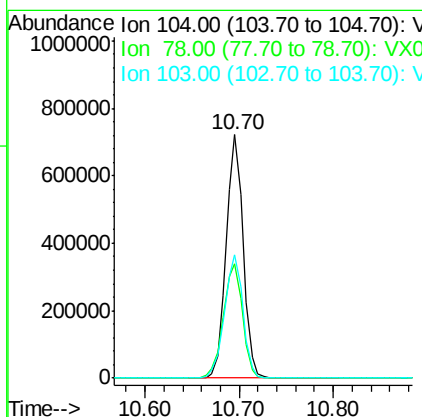
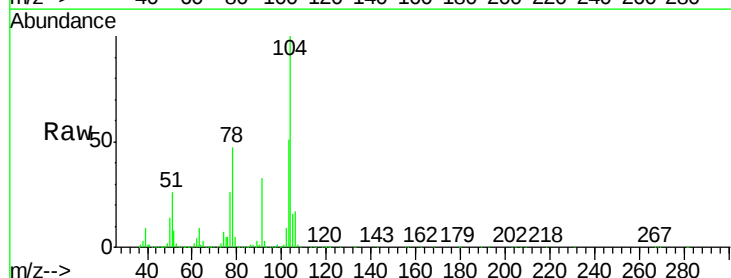
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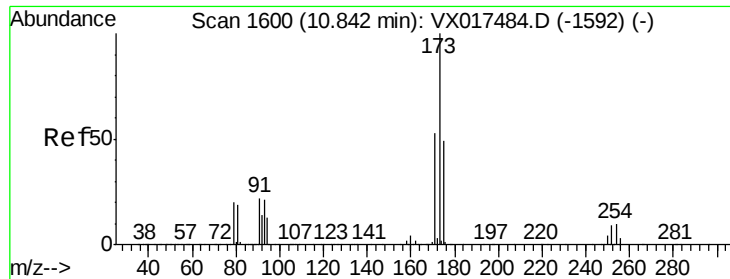
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#70
Styrene
Concen: 48.755 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.2	42.5	63.7
103	55.0	44.3	66.5





#71

Bromoform

Concen: 47.064 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

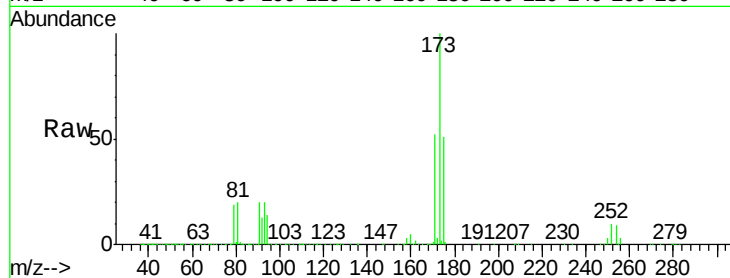
ClientSampleId :

VSTDCCC050

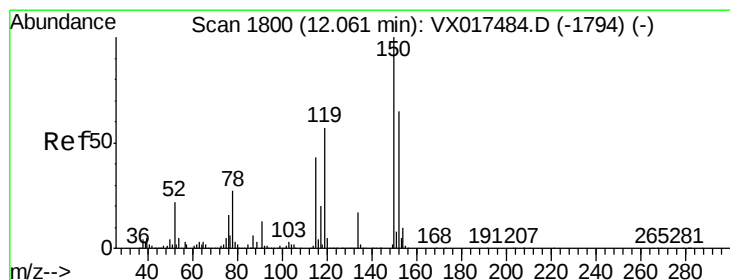
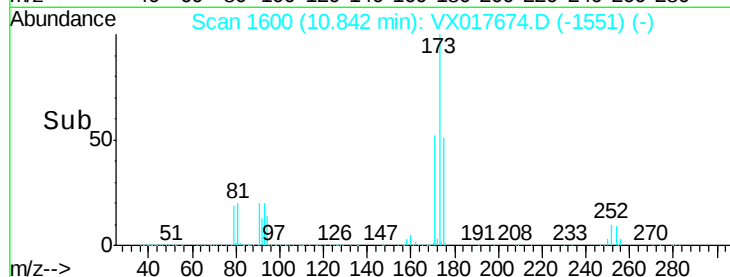
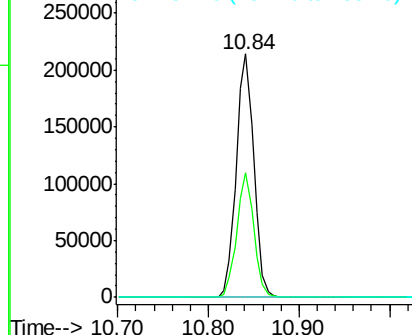
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.8	71.5
254	0.2	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

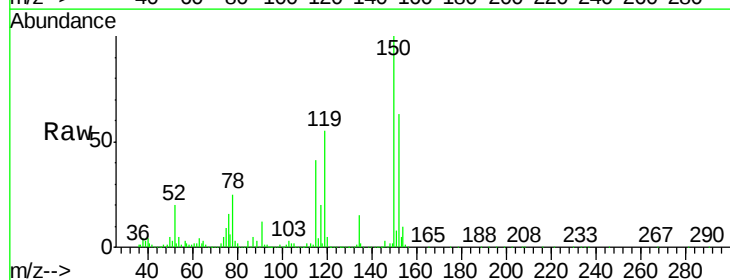
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

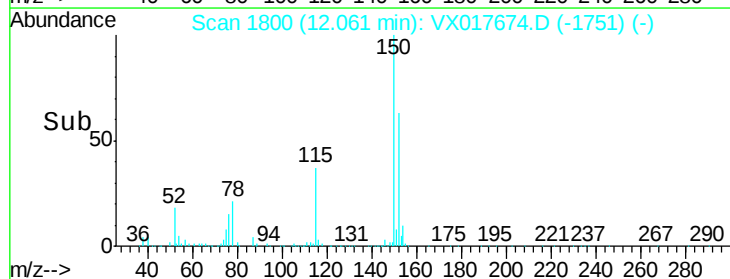
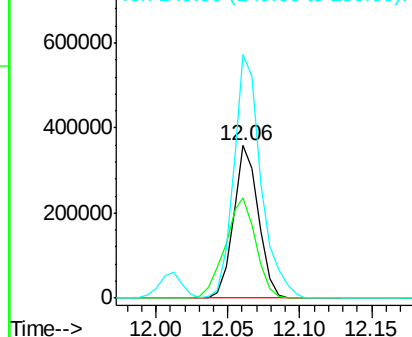
Lab File: VX017674.D

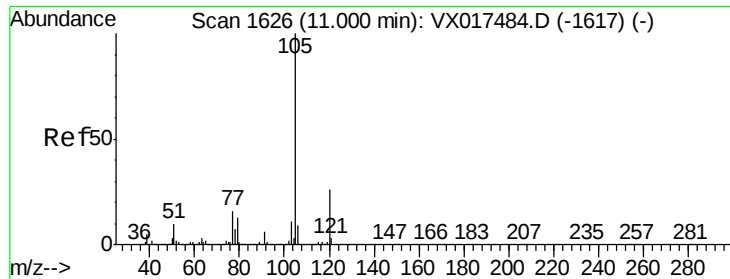
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.7	65.5	196.6
150	175.4	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





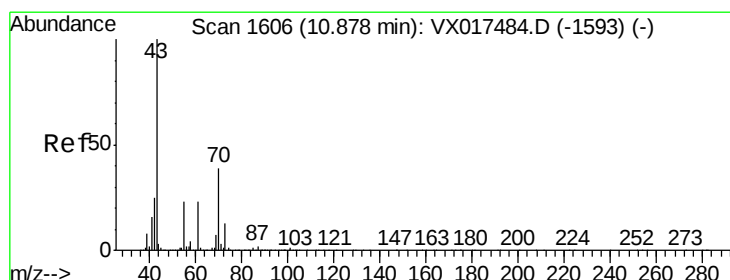
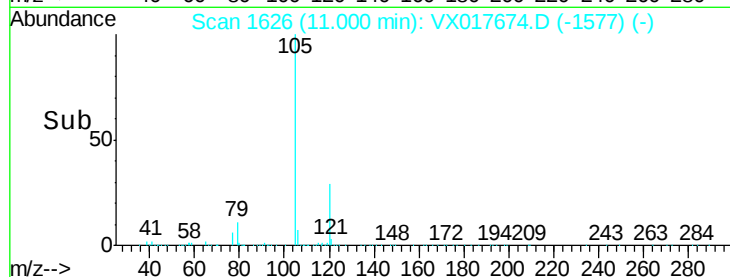
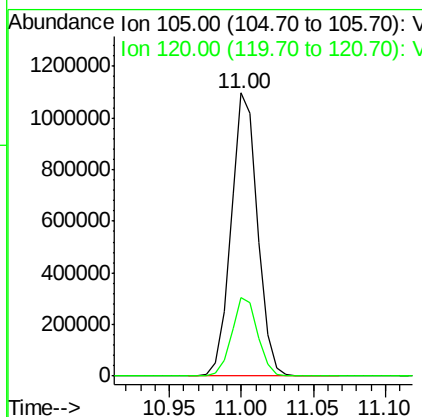
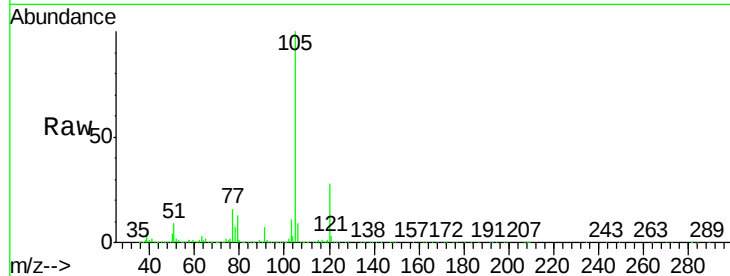
#73
Isopropylbenzene
Concen: 47.563 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 1408425
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.8

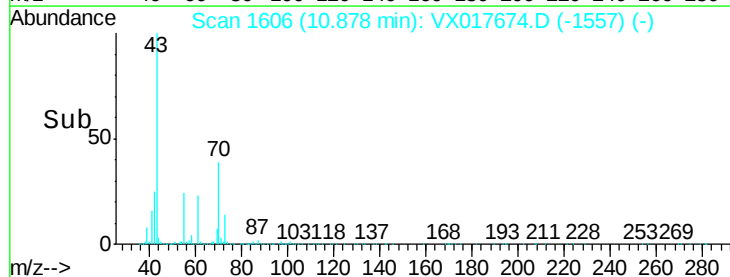
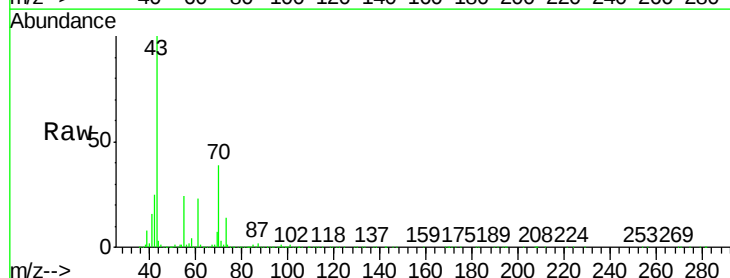
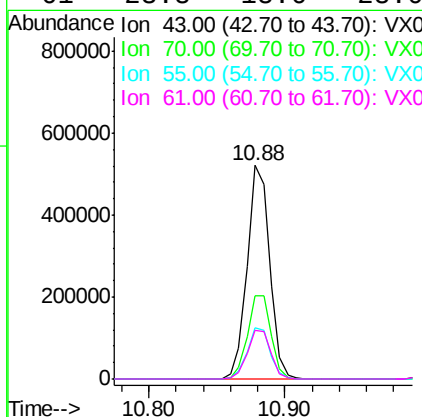
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#74
N-ethyl acetate
Concen: 45.979 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion: 43 Resp: 604932
Ion Ratio Lower Upper
43 100
70 41.1 32.3 48.5
55 24.5 18.4 27.6
61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.486 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 411182

Ion Ratio Lower Upper

83 100

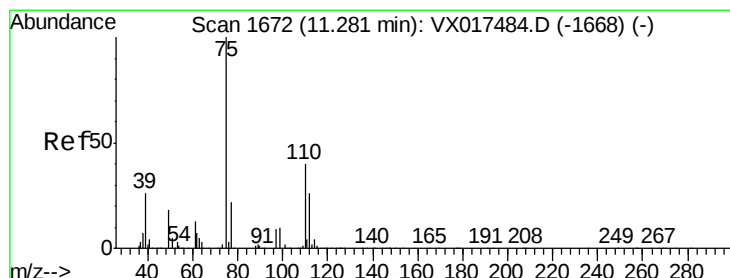
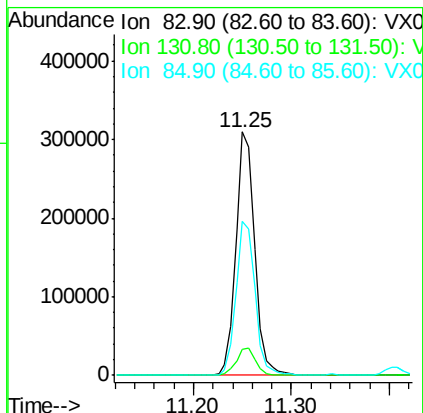
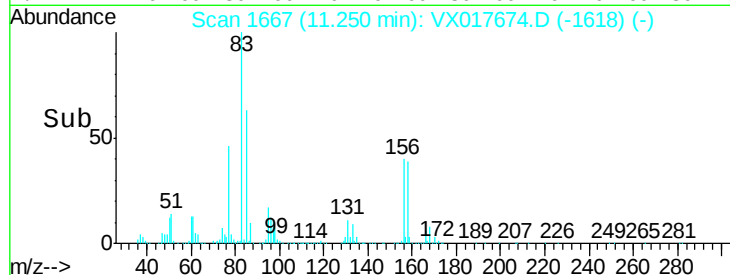
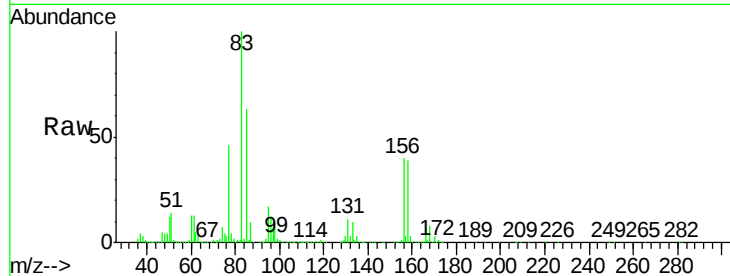
131 11.5 5.5 16.5

85 64.8 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 45.941 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017674.D

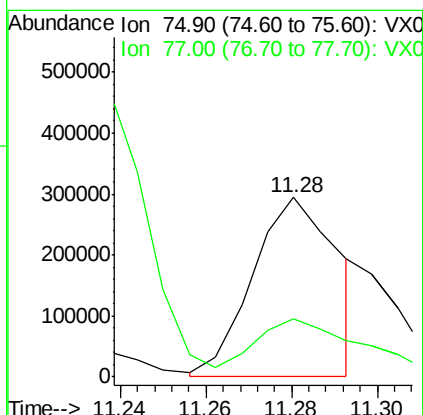
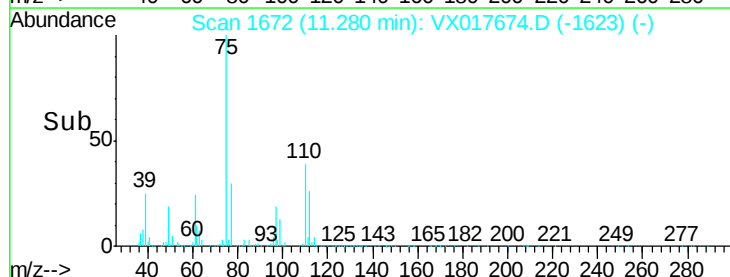
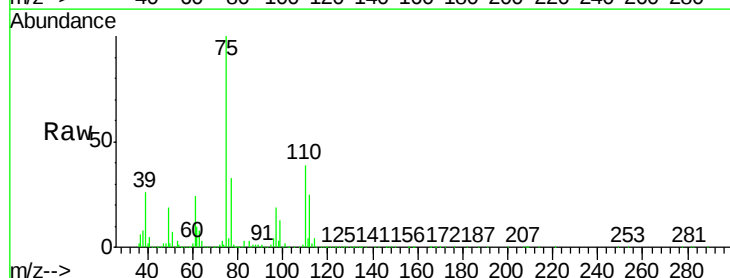
Acq: 30 Jul 2020 11:02

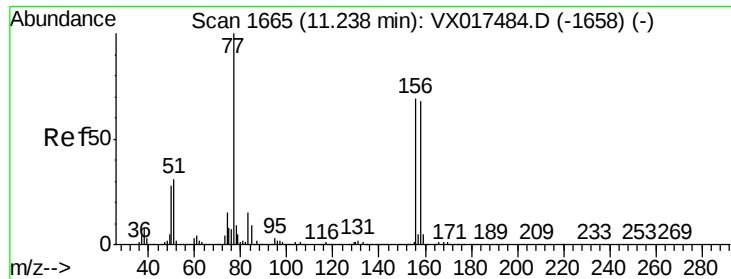
Tgt Ion: 75 Resp: 407917

Ion Ratio Lower Upper

75 100

77 40.8 21.8 65.3





#77

Bromobenzene

Concen: 45.793 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

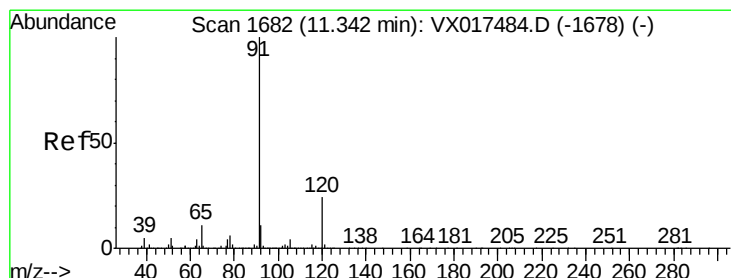
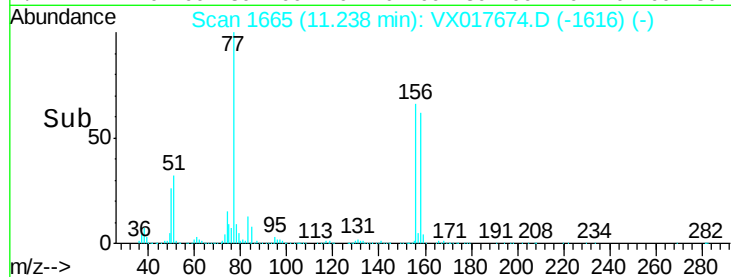
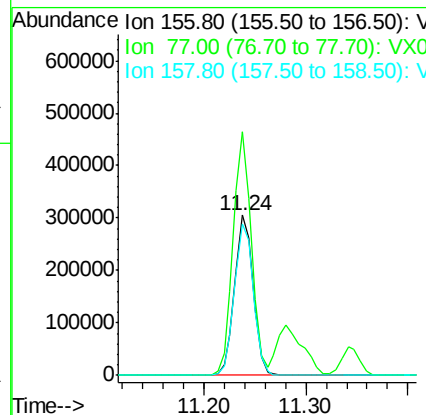
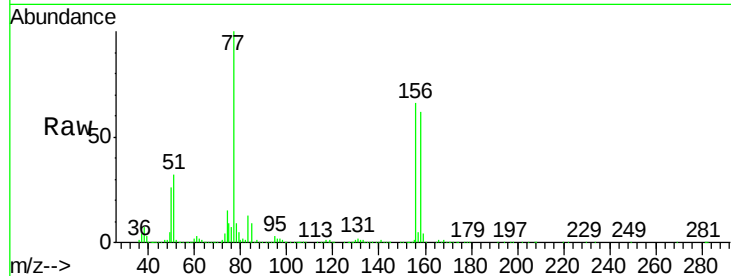
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	379620
Ion Ratio	Lower	Upper	
156	100		
77	150.4	75.0	225.0
158	96.8	49.1	147.3

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#78

n-propylbenzene

Concen: 48.708 ug/l

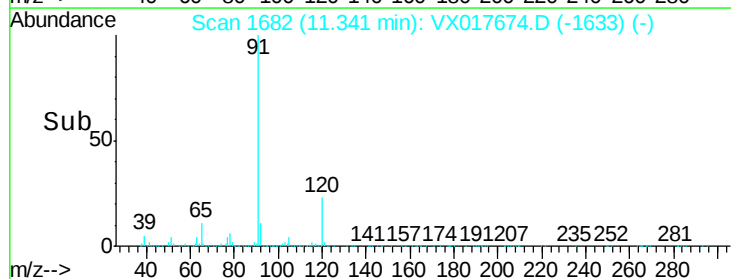
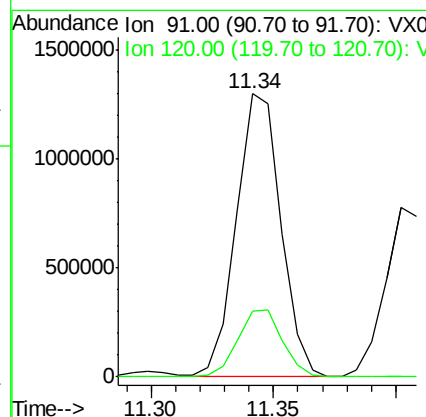
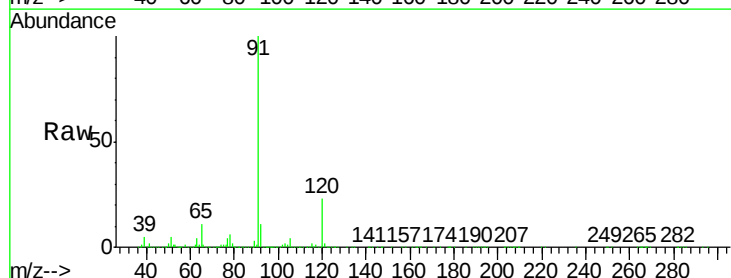
RT: 11.34 min Scan# 1682

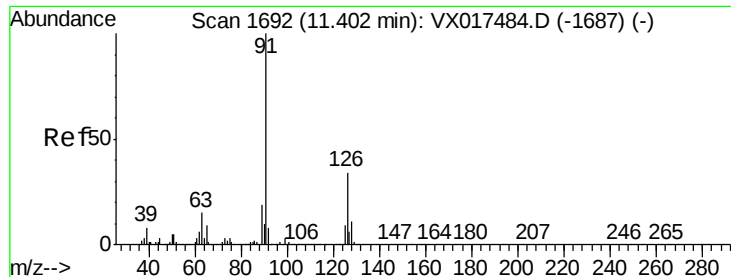
Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion:	91	Resp:	1626719
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.2	36.4





#79

2-Chlorotoluene

Concen: 46.805 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 968310

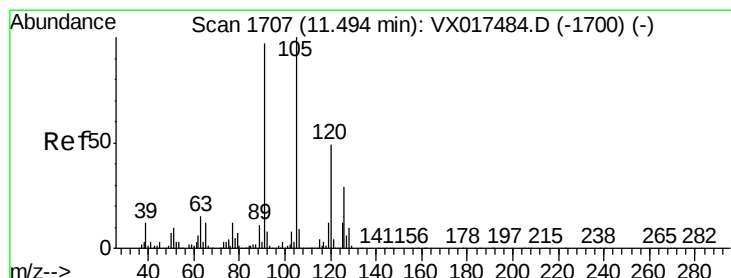
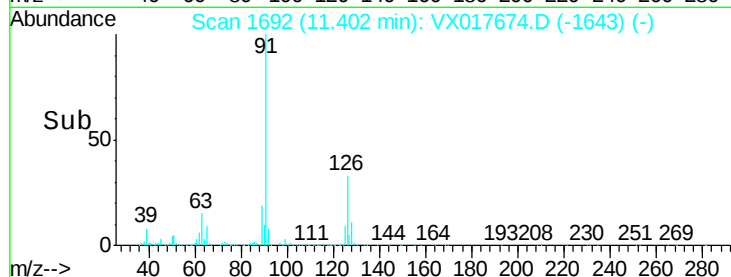
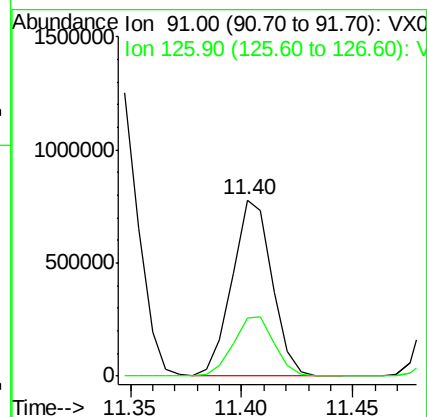
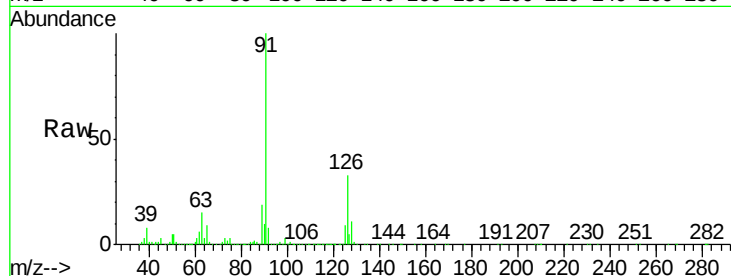
Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 48.171 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017674.D

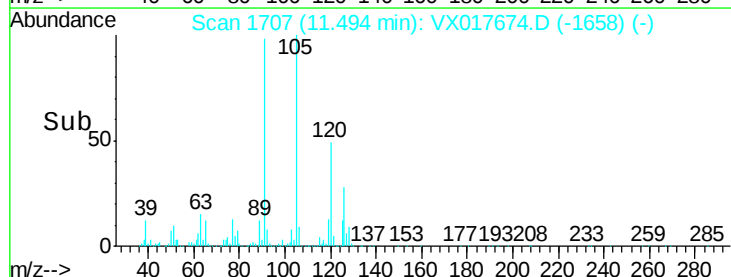
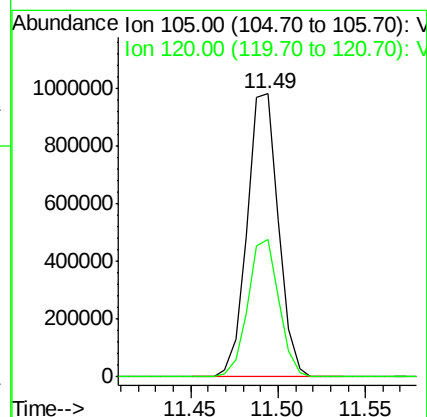
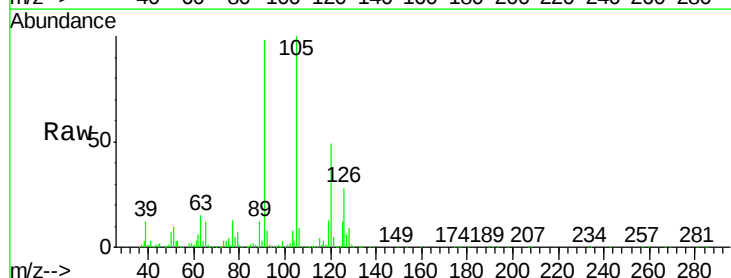
Acq: 30 Jul 2020 11:02

Tgt Ion: 105 Resp: 1217895

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 45.235 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

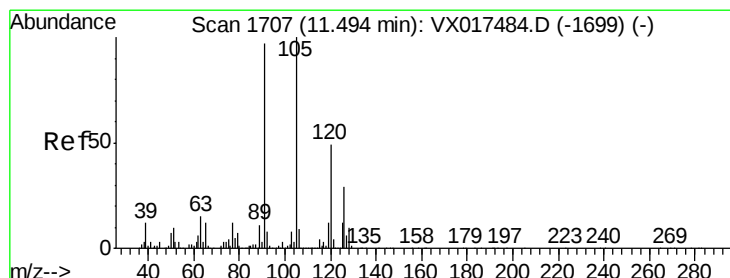
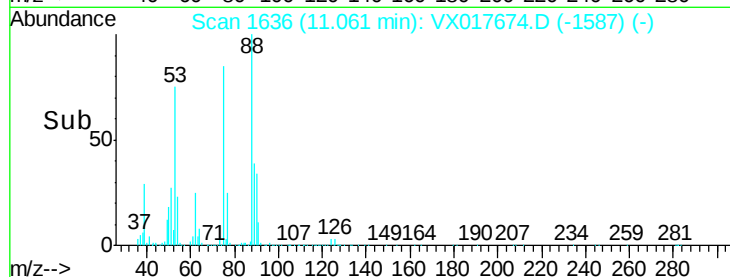
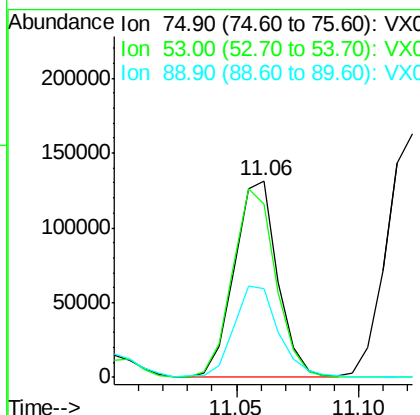
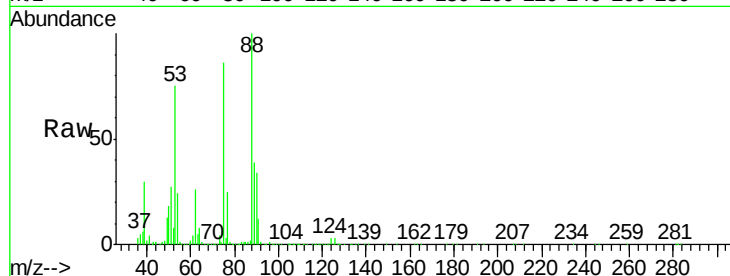
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	159399
Ion	Ratio	Lower	Upper
75	100		
53	96.6	75.9	113.9
89	49.4	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.825 ug/l

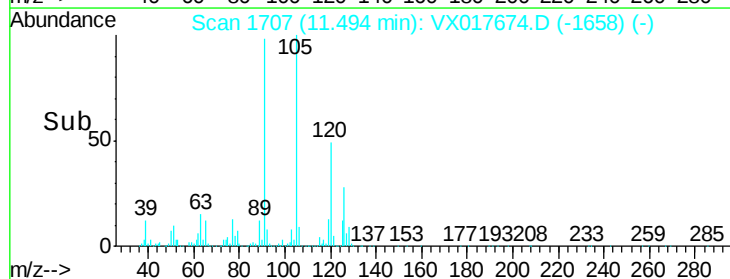
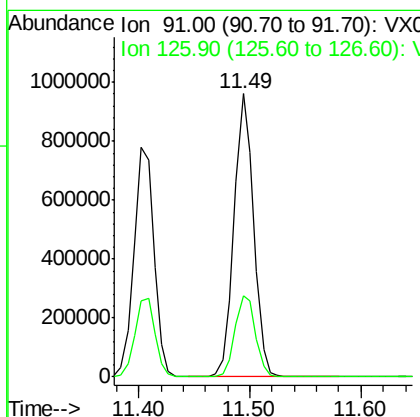
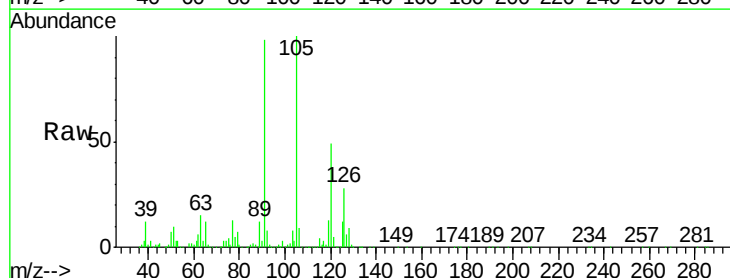
RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion:	91	Resp:	1167126
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





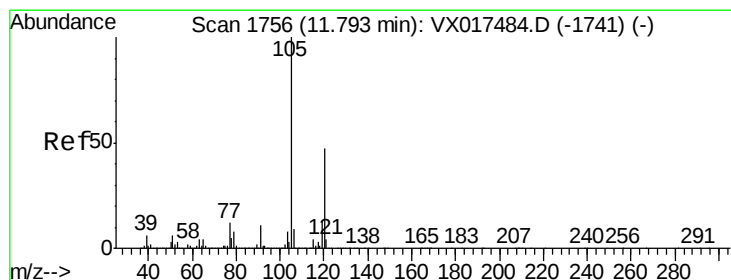
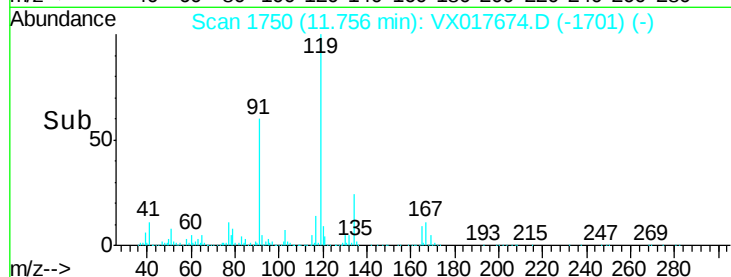
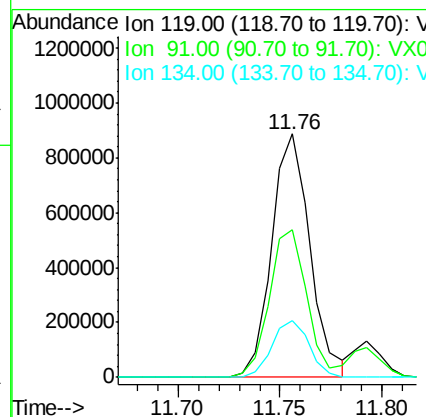
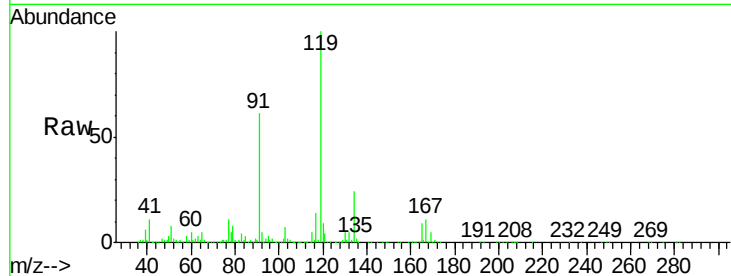
#83
tert-Butylbenzene
Concen: 47.864 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	29.3	88.0
134	22.9	11.2	33.6

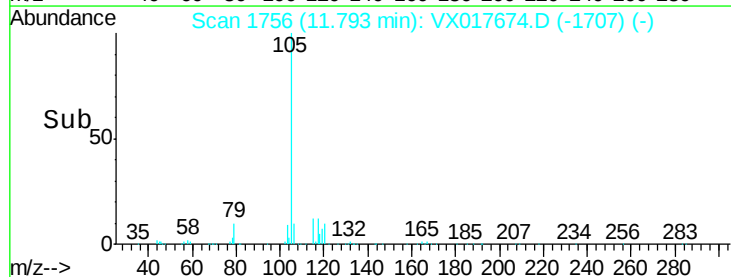
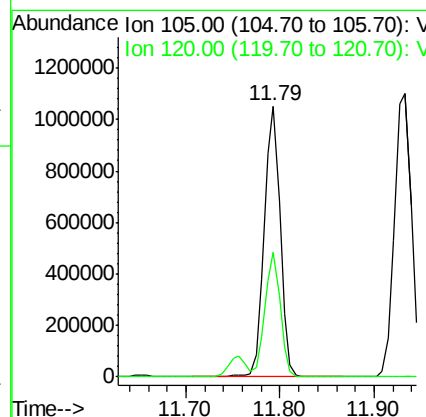
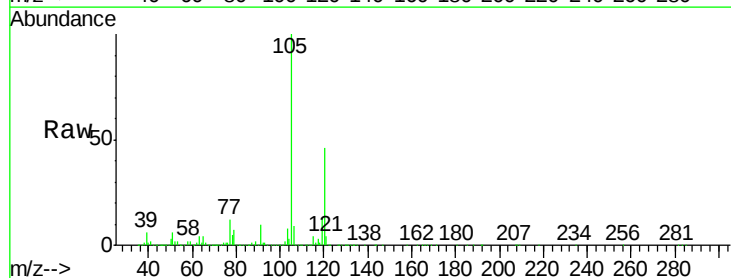
Manual Integrations
APPROVED

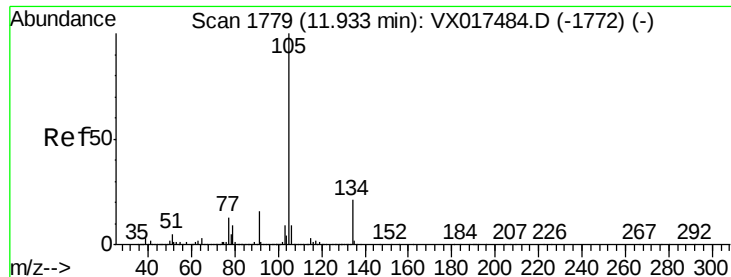
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#84
1,2,4-Trimethylbenzene
Concen: 49.508 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.7	68.0





#85

sec-Butylbenzene

Concen: 49.132 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1384644

Ion Ratio Lower Upper

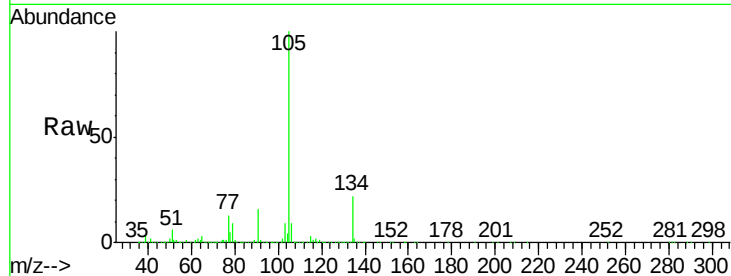
105 100

134 20.6 10.4 31.2

Manual Integrations
APPROVED

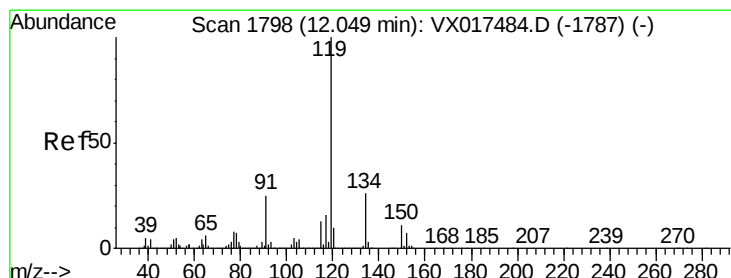
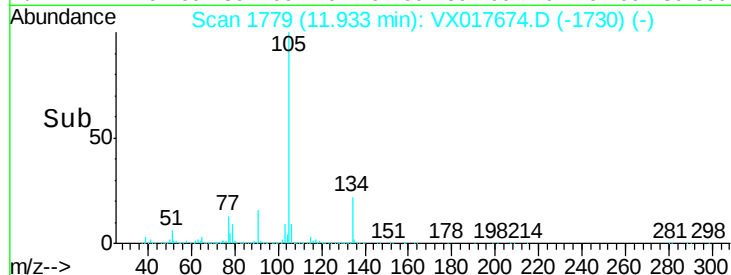
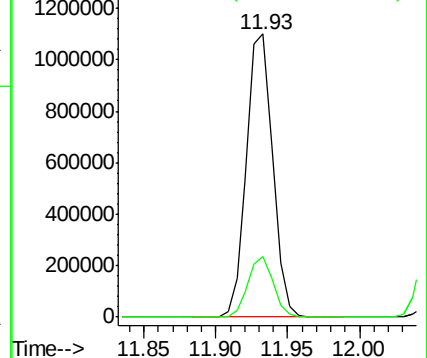
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.532 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

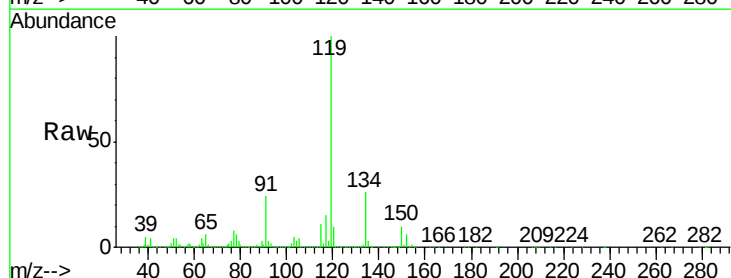
Tgt Ion:119 Resp: 1329324

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

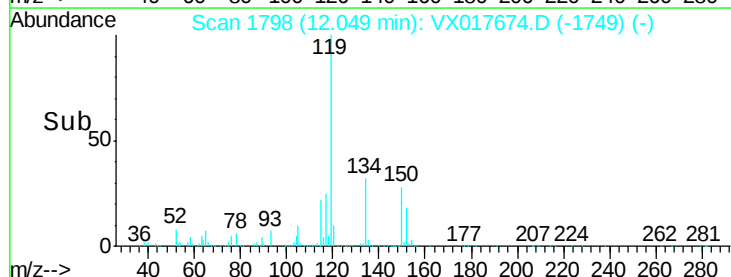
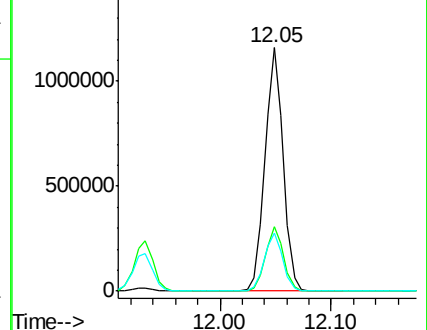
91 23.9 12.1 36.3

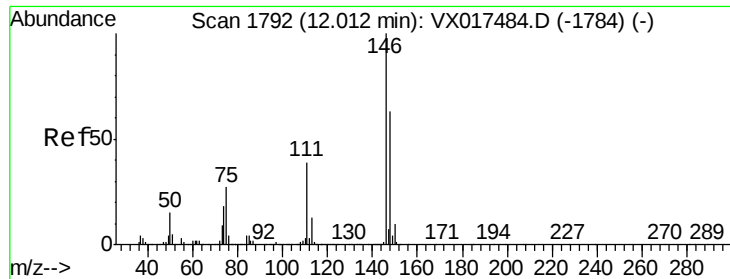


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





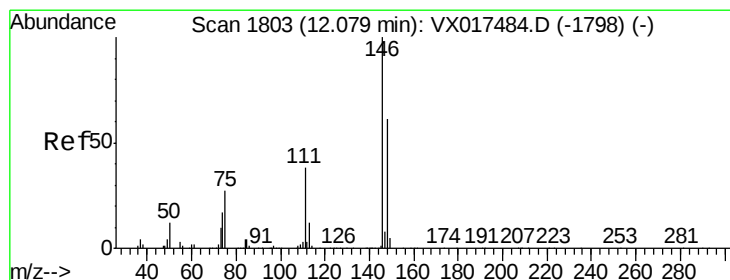
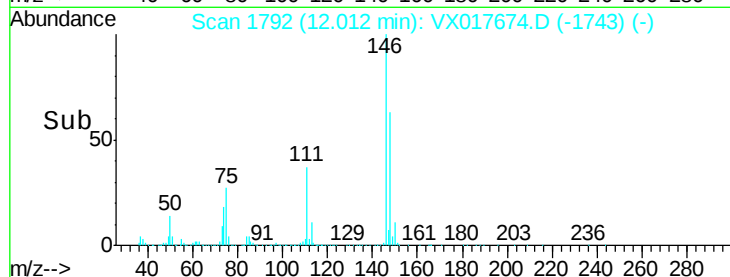
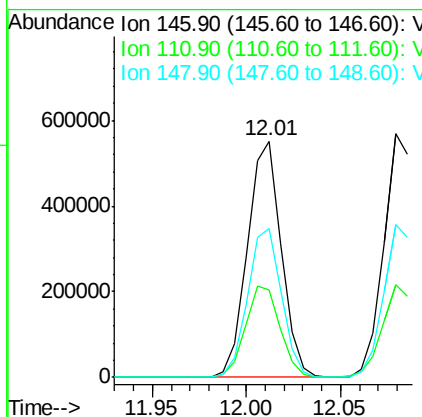
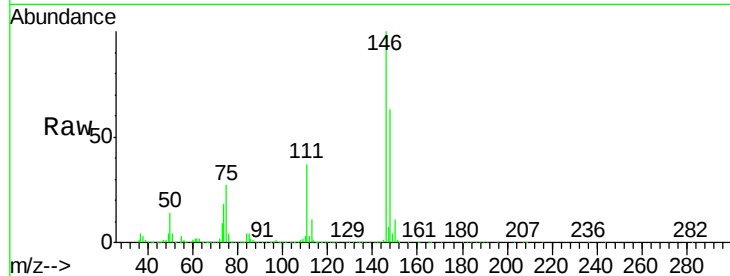
#87
 1,3-Dichlorobenzene
 Concen: 48.199 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	63.1	31.6	95.0

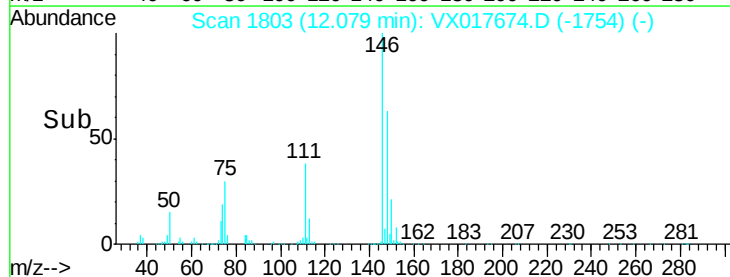
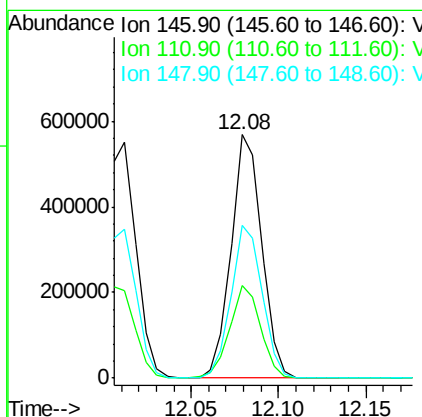
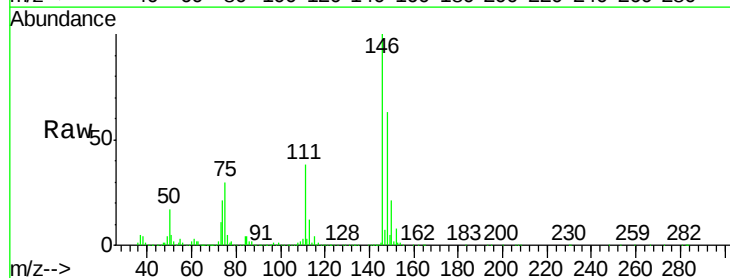
Manual Integrations
 APPROVED

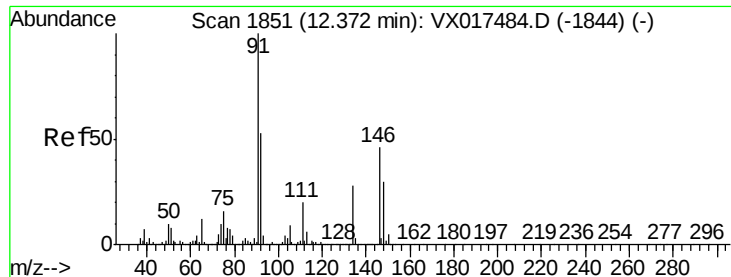
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 46.998 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.8
148	63.8	32.2	96.6





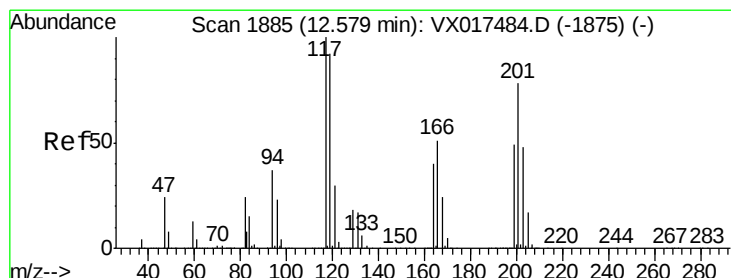
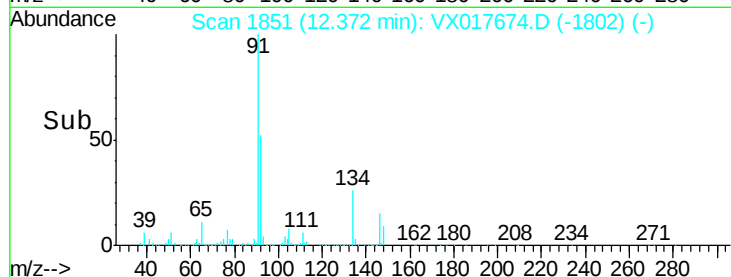
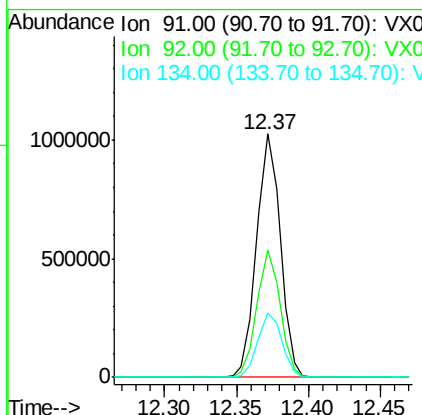
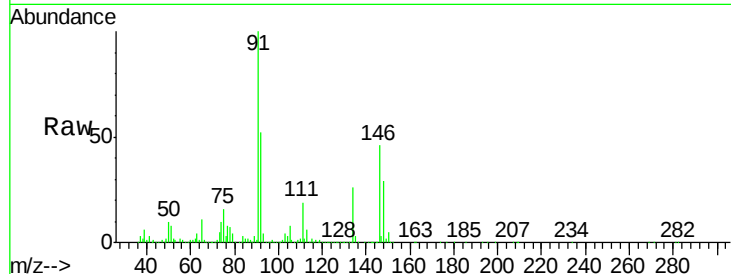
#89
n-Butylbenzene
Concen: 48.648 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.7	80.1
134	26.8	13.6	40.7

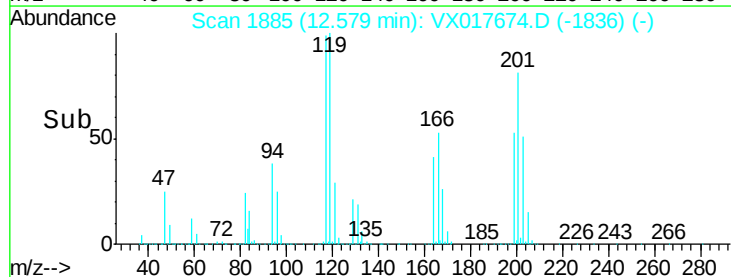
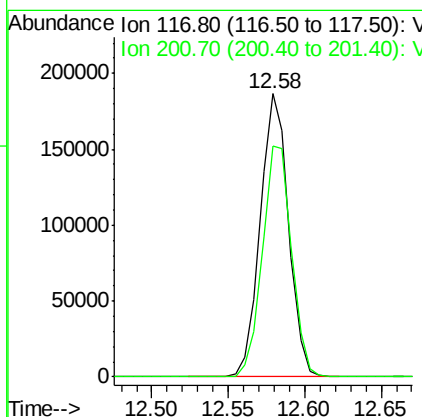
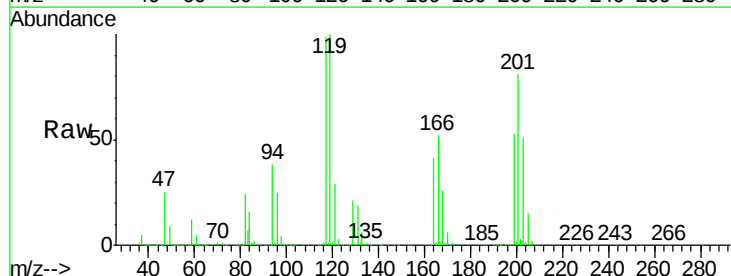
Manual Integrations
APPROVED

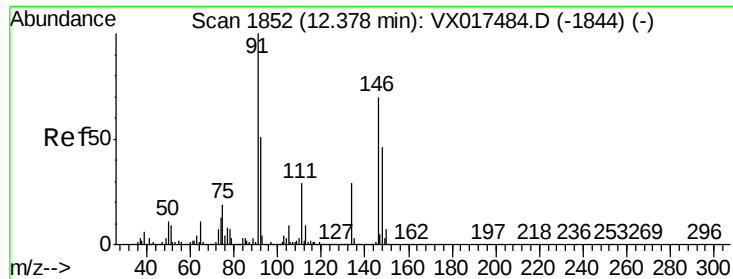
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#90
Hexachloroethane
Concen: 45.386 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017674.D
Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	42.2	126.6





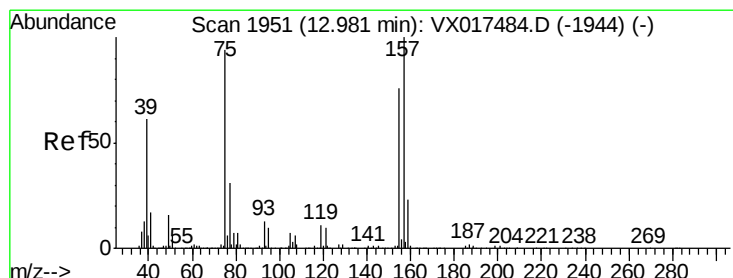
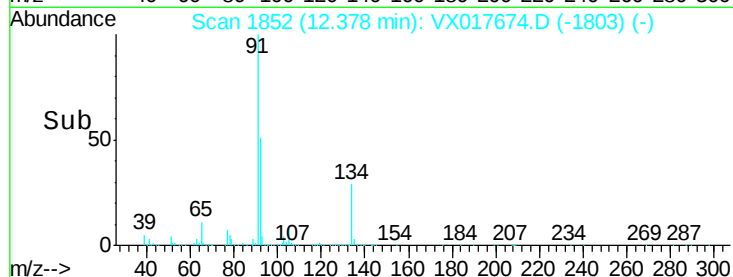
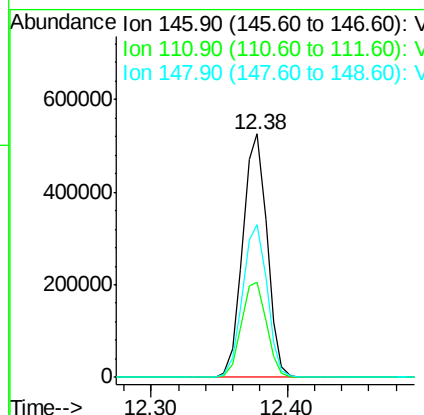
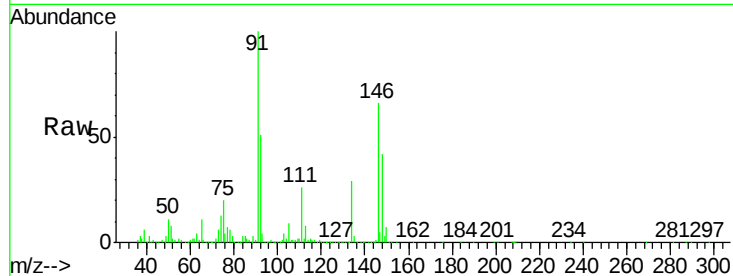
#91
 1,2-Dichlorobenzene
 Concen: 46.935 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.9	62.8
148	63.0	32.8	98.4

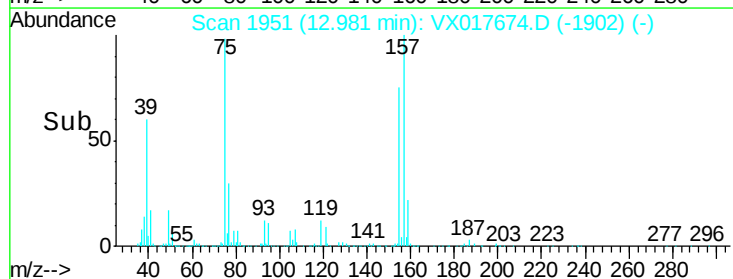
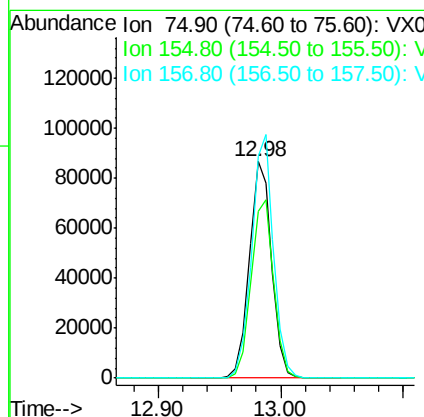
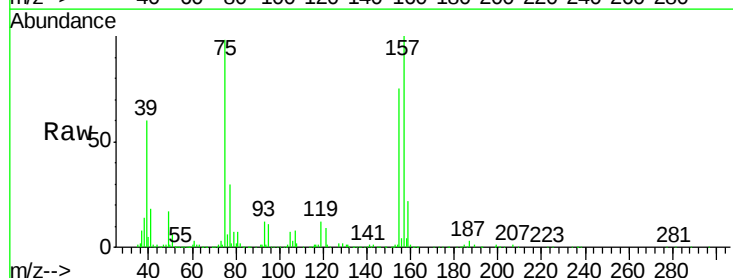
Manual Integrations
 APPROVED

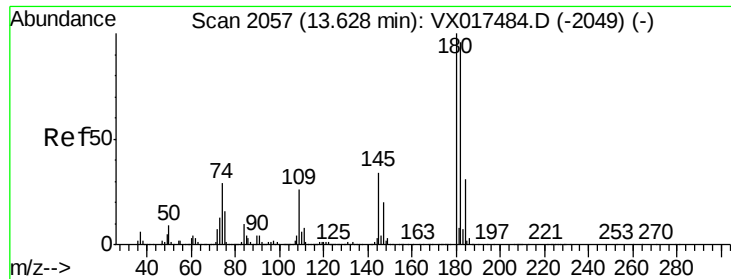
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.497 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	42.3	126.8
157	109.9	54.3	162.9





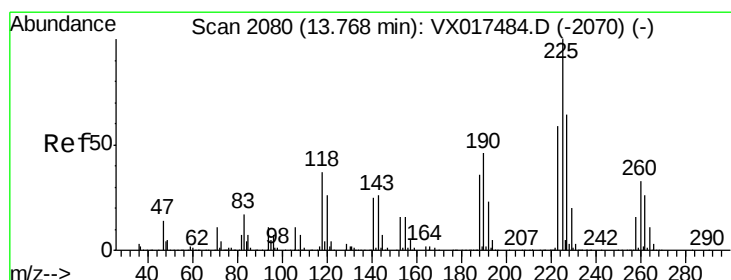
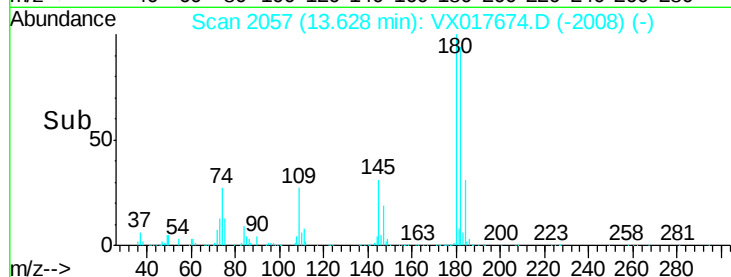
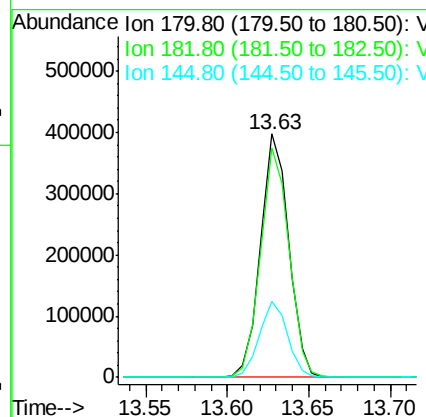
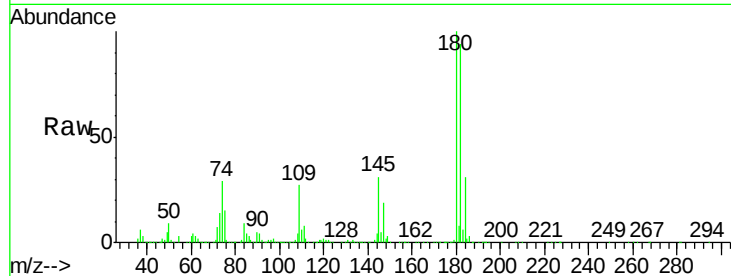
#93
 1,2,4-Trichlorobenzene
 Concen: 50.406 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	481322		
182	95.1	47.5	142.6	
145	31.2	15.4	46.4	

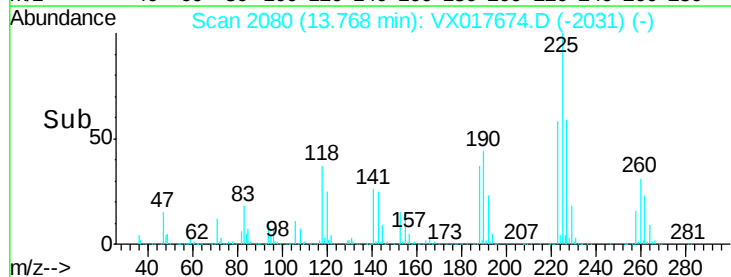
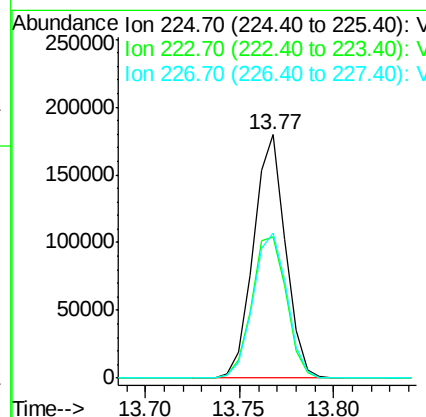
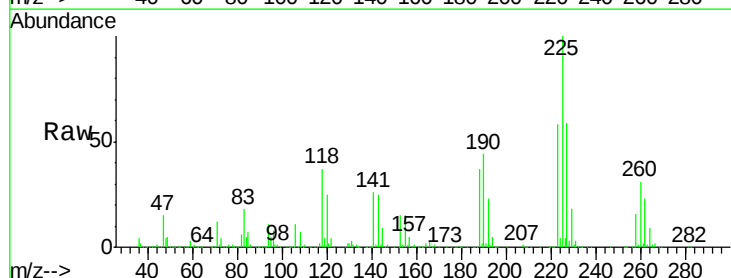
Manual Integrations
 APPROVED

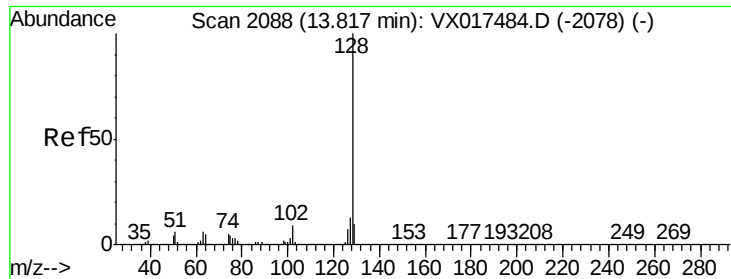
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#94
 Hexachlorobutadiene
 Concen: 47.964 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017674.D
 Acq: 30 Jul 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	210826		
223	62.9	30.3	90.9	
227	63.0	31.1	93.2	





#95

Naphthalene

Concen: 49.391 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Instrument :

MSVOA_X

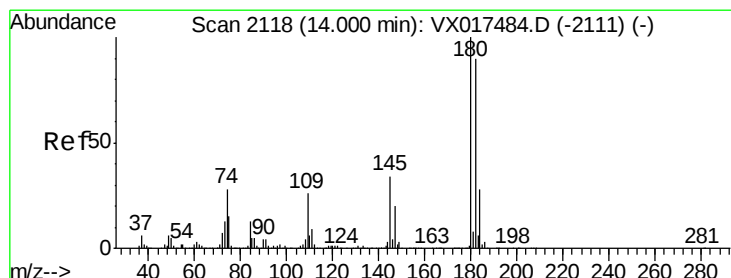
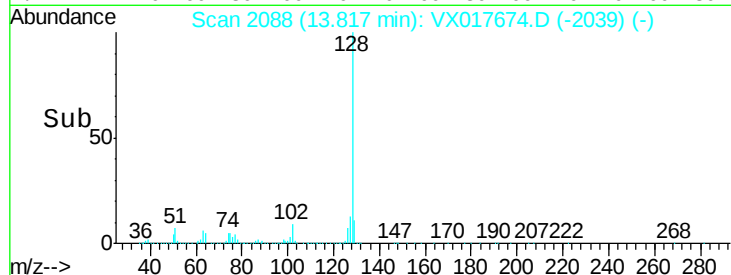
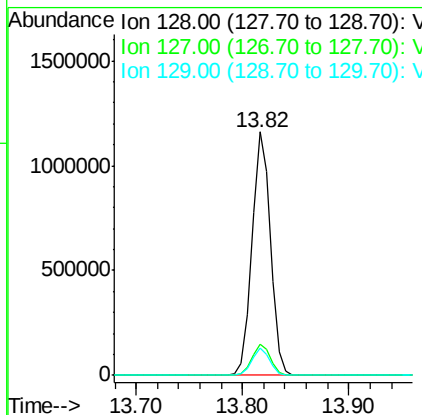
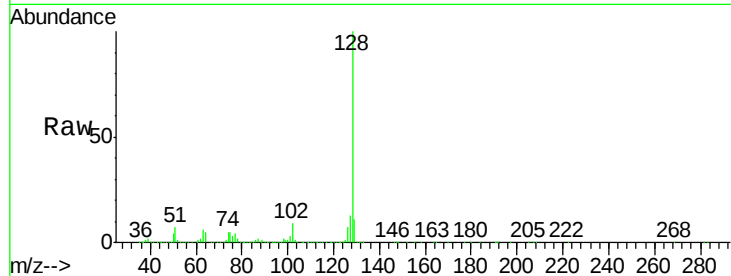
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1407918
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/31/2020 11:57:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.738 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017674.D

Acq: 30 Jul 2020 11:02

Tgt Ion:	180	Resp:	468955
Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.4	142.3
145	32.6	16.3	48.9

