

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017486.D
 Acq On : 23 Jul 2020 12:00
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:56 PM

Quant Time: Jul 23 12:23:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	605597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	970130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	832200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	445295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1173368	151.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.18%	
35) Dibromofluoromethane	5.47	113	910565	138.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.70%	
50) Toluene-d8	8.70	98	3422588	144.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.82%	
62) 4-Bromofluorobenzene	11.12	95	1337633	144.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	828870	161.289	ug/l	99
3) Chloromethane	1.31	50	1133726	187.406	ug/l	97
4) Vinyl Chloride	1.39	62	1097015	185.308	ug/l	100
5) Bromomethane	1.62	94	589417	154.412	ug/l	98
6) Chloroethane	1.69	64	619251	166.521	ug/l	100
7) Trichlorofluoromethane	1.90	101	1626027	165.525	ug/l	99
8) Diethyl Ether	2.17	74	563587	159.198	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	873387	155.373	ug/l	97
10) Methyl Iodide	2.49	142	1259411	181.115	ug/l	99
11) Tert butyl alcohol	3.04	59	1170353	854.256	ug/l	100
12) 1,1-Dichloroethene	2.35	96	872603	155.007	ug/l	97
13) Acrolein	2.28	56	936177	1146.371	ug/l	100
14) Allyl chloride	2.70	41	1644468	166.161	ug/l	99
15) Acrylonitrile	3.12	53	2479743	772.227	ug/l	99
16) Acetone	2.43	43	2376356	833.298	ug/l	99
17) Carbon Disulfide	2.54	76	2588799	157.508	ug/l	98
18) Methyl Acetate	2.75	43	1149435	163.368	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	3011239	157.046	ug/l	99
20) Methylene Chloride	2.83	84	962937	142.589	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	874554	137.561	ug/l	96
22) Diisopropyl ether	3.83	45	3006747	163.193	ug/l #	85
23) Vinyl Acetate	3.79	43	13786553	845.458	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1714533	158.850	ug/l	99
25) 2-Butanone	4.64	43	3497101	792.676	ug/l	95
26) 2,2-Dichloropropane	4.55	77	1443723	144.582	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	996596	144.047	ug/l	99
28) Bromochloromethane	4.98	49	799720	160.580	ug/l	98
29) Tetrahydrofuran	5.10	42	2234789	785.416	ug/l	98
30) Chloroform	5.18	83	1750943	151.809	ug/l	100
31) Cyclohexane	5.55	56	1376090	156.887	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	1560409	146.289	ug/l	99
36) 1,1-Dichloropropene	5.78	75	1258171	141.496	ug/l	100
37) Ethyl Acetate	4.80	43	1364105	143.666	ug/l	99
38) Carbon Tetrachloride	5.75	117	1516754	145.188	ug/l	99

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Manual Integrations
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Quant Time: Jul 23 12:23:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1616331	167.121	ug/l	96
40) Benzene	6.11	78	3558996	138.777	ug/l	97
41) Methacrylonitrile	5.01	41	838314	165.282	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1444839	143.346	ug/l	99
43) Isopropyl Acetate	6.42	43	2329747	151.608	ug/l	100
44) Trichloroethene	7.19	130	1155687	148.960	ug/l	95
45) 1,2-Dichloropropane	7.49	63	1060453	161.564	ug/l	98
46) Dibromomethane	7.64	93	744775	157.599	ug/l	96
47) Bromodichloromethane	7.88	83	1560644	158.013	ug/l	97
48) Methyl methacrylate	7.75	41	1324380	184.604	ug/l	98
49) 1,4-Dioxane	7.72	88	504397	3489.685	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	7088677	771.739	ug/l	99
52) Toluene	8.77	92	2305266	141.064	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1681422	155.574	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1802260	158.654	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	980457	142.309	ug/l	98
56) Ethyl methacrylate	9.16	69	1576945	159.255	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1739603	151.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	4326457	861.921	ug/l	100
59) 2-Hexanone	9.48	43	5284204	758.573	ug/l	99
60) Dibromochloromethane	9.57	129	1292301	152.687	ug/l	99
61) 1,2-Dibromoethane	9.66	107	1096754	146.016	ug/l	100
64) Tetrachloroethene	9.32	164	1106702	153.745	ug/l	98
65) Chlorobenzene	10.12	112	2663161	156.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	1070273	157.731	ug/l	99
67) Ethyl Benzene	10.24	91	4647255	164.420	ug/l	99
68) m/p-Xylenes	10.35	106	3582037	331.744	ug/l	98
69) o-Xylene	10.68	106	1669728	161.853	ug/l	99
70) Styrene	10.70	104	2881341	162.395	ug/l	98
71) Bromoform	10.84	173	956426	165.718	ug/l	98
73) Isopropylbenzene	11.00	105	4651002	165.655	ug/l	100
74) N-amyl acetate	10.88	43	2090138	180.411	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	1397987	163.234	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1295231m	155.070	ug/l	
77) Bromobenzene	11.24	156	1235324	154.374	ug/l	98
78) n-propylbenzene	11.35	91	5293805	168.333	ug/l	99
79) 2-Chlorotoluene	11.41	91	3116404	160.329	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	4054911	169.040	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	542114	163.934	ug/l	98
82) 4-Chlorotoluene	11.49	91	3794432	164.468	ug/l	100
83) tert-Butylbenzene	11.76	119	3980264	172.439	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	4051188	167.884	ug/l	99
85) sec-Butylbenzene	11.93	105	4557845	169.017	ug/l	100
86) p-Isopropyltoluene	12.05	119	4341840	169.798	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	2224935	155.711	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	2200746	152.273	ug/l	99
89) n-Butylbenzene	12.37	91	3826594	174.375	ug/l	99
90) Hexachloroethane	12.58	117	829005	169.913	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	2107597	156.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	428694	186.085	ug/l	99

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VSTDICC150

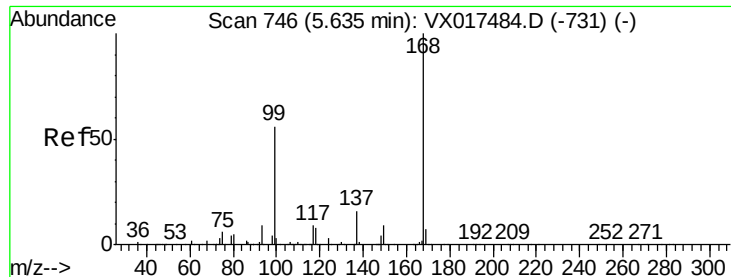
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jul 23 11:43:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1608076	170.776	ug/l	98
94) Hexachlorobutadiene	13.77	225	685063	174.703	ug/l	98
95) Naphthalene	13.82	128	4947029	177.552	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	1555730	170.038	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 605597

Ion Ratio Lower Upper

168 100

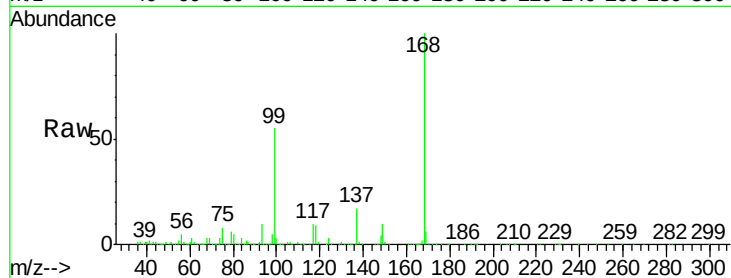
99 54.3 44.6 67.0

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

300000

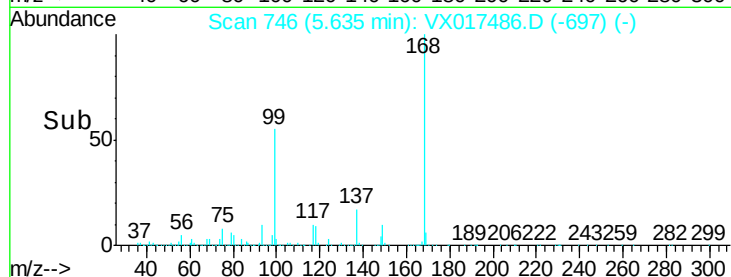
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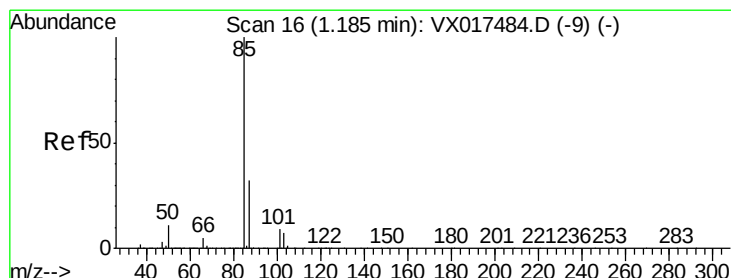
0

5.50 5.60 5.70

5.64



Time-->



#2

Dichlorodifluoromethane

Concen: 161.289 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017486.D

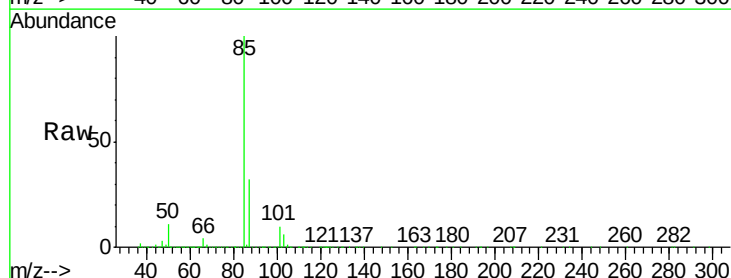
Acq: 23 Jul 2020 12:00

Tgt Ion: 85 Resp: 828870

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1000000

800000

600000

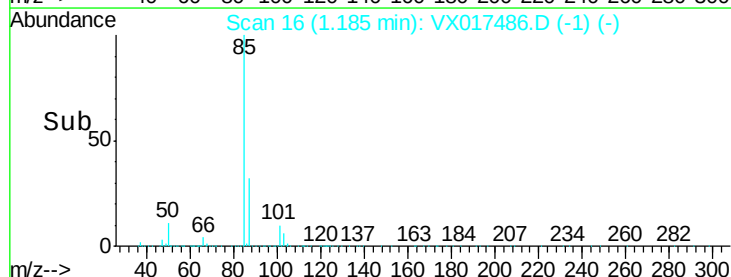
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200000

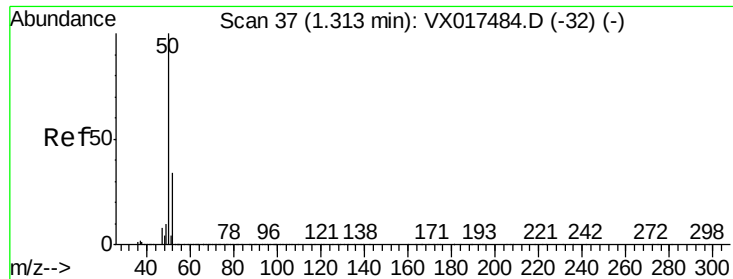
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1.10 1.15 1.20 1.25 1.30

1.18



Time-->



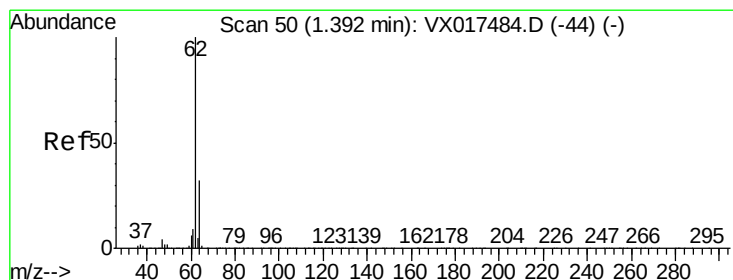
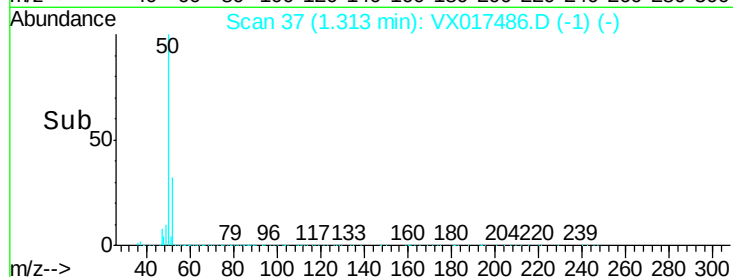
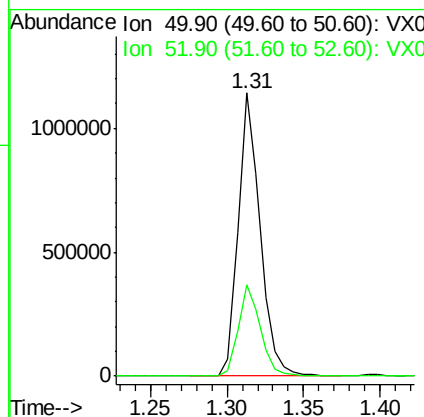
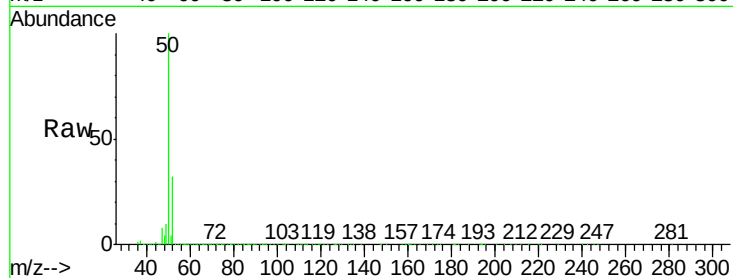
#3
Chloromethane
Concen: 187.406 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 50 Resp: 1133726
Ion Ratio Lower Upper
50 100
52 32.4 27.1 40.7

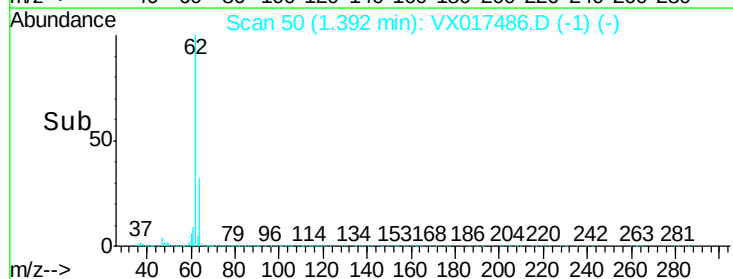
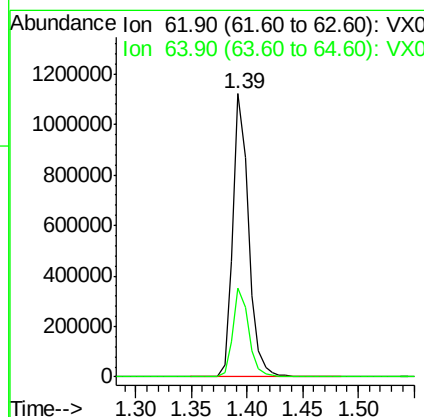
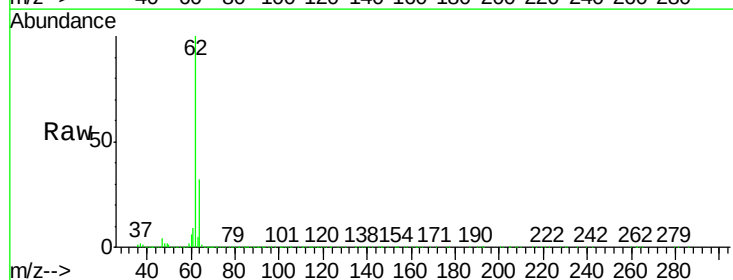
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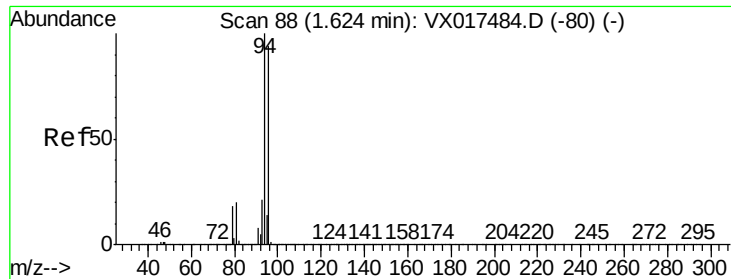
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#4
Vinyl Chloride
Concen: 185.308 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 62 Resp: 1097015
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5

Bromomethane

Concen: 154.412 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 589417

Ion Ratio Lower Upper

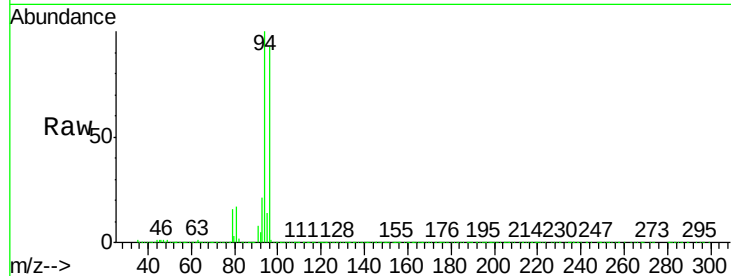
94 100

96 92.6 75.5 113.3

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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

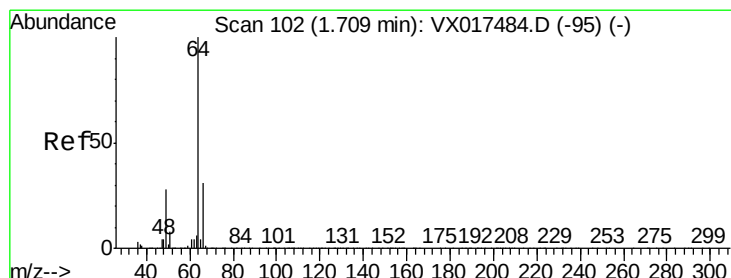
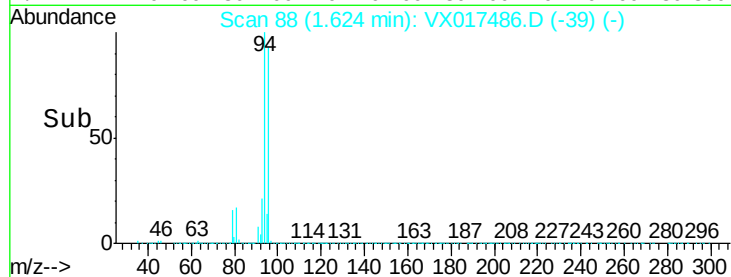
600000

400000

200000

0

Time-->



#6

Chloroethane

Concen: 166.521 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX017486.D

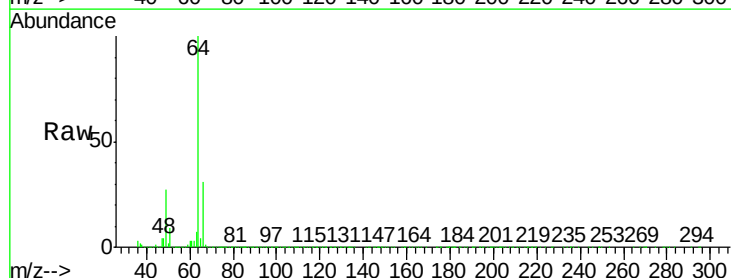
Acq: 23 Jul 2020 12:00

Tgt Ion: 64 Resp: 619251

Ion Ratio Lower Upper

64 100

66 31.1 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

600000

500000

400000

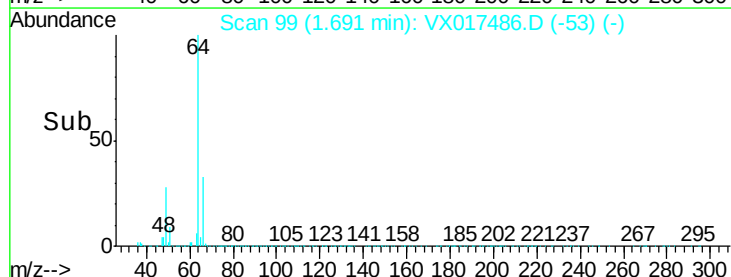
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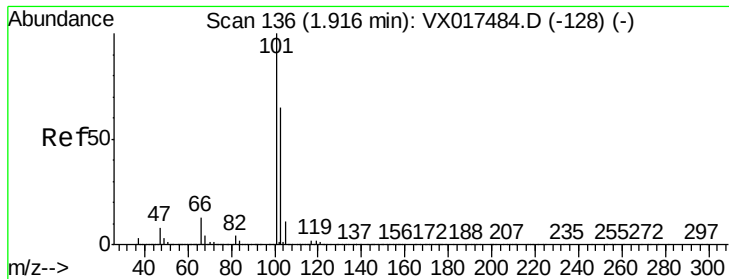
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0

Time-->





#7

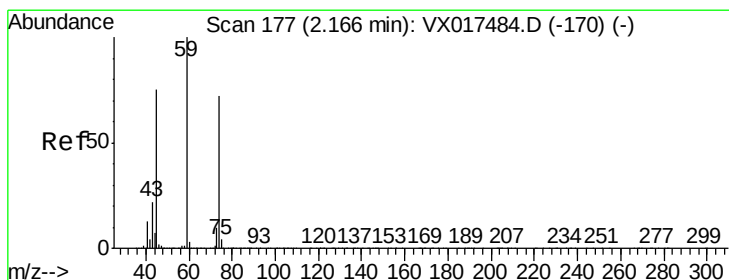
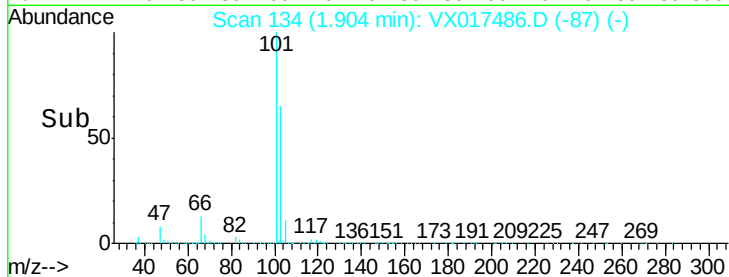
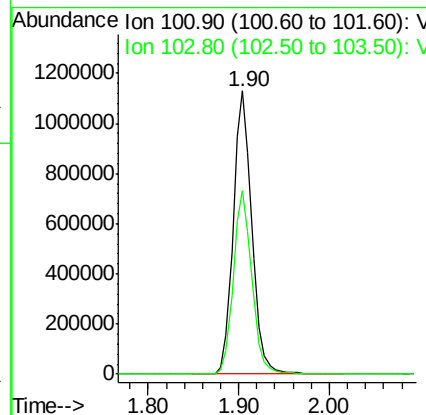
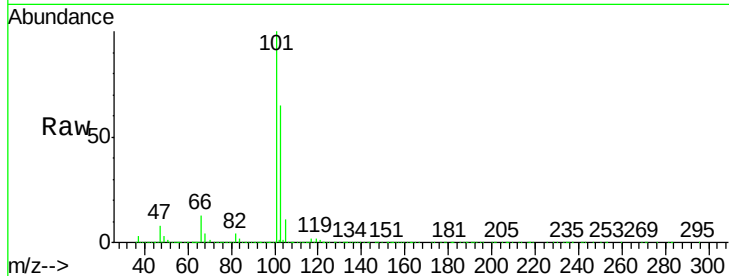
Trichlorofluoromethane
Concen: 165.525 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 1626027
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

Manual Integrations
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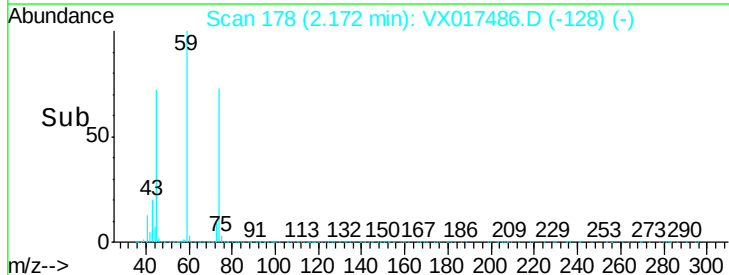
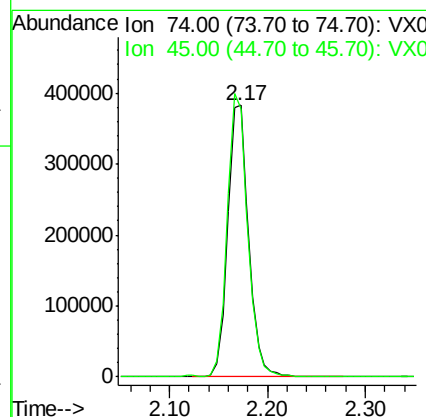
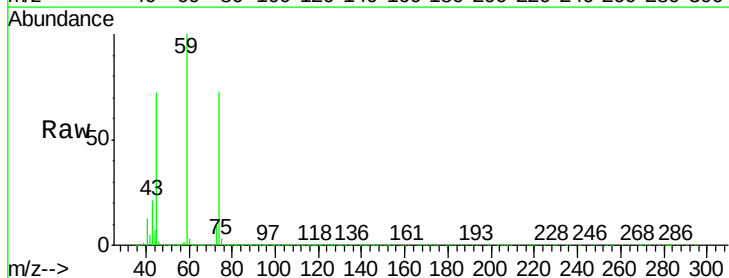
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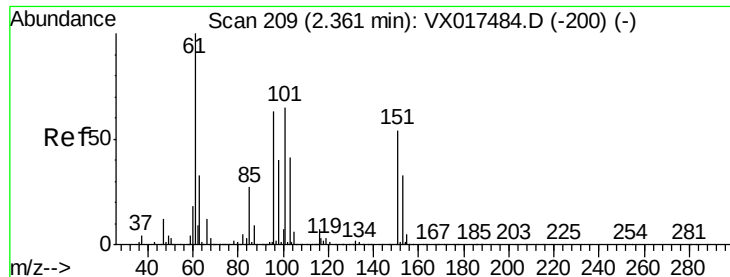


#8

Diethyl Ether
Concen: 159.198 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 74 Resp: 563587
Ion Ratio Lower Upper
74 100
45 101.7 50.6 151.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 155.373 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX017486.D

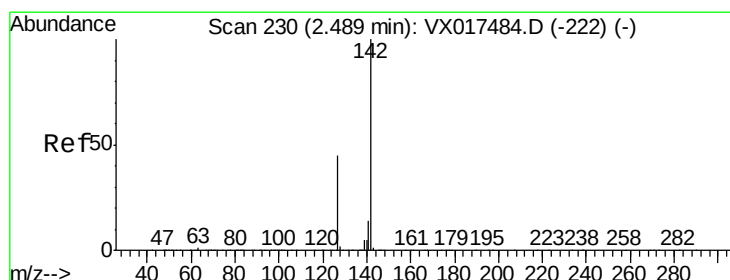
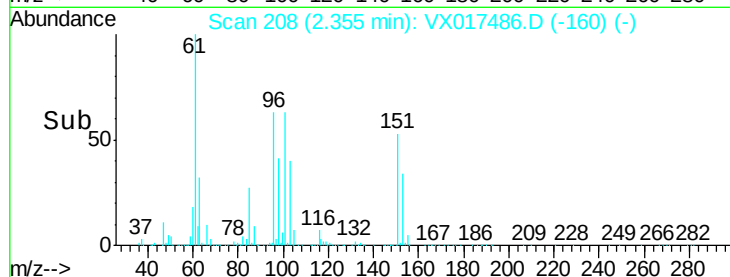
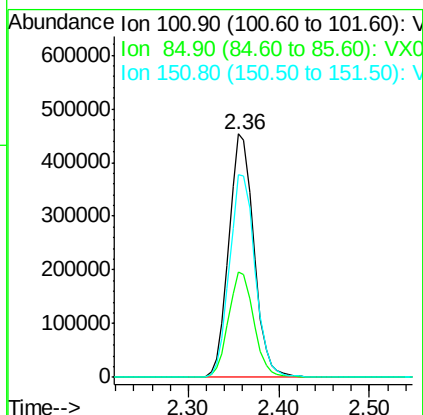
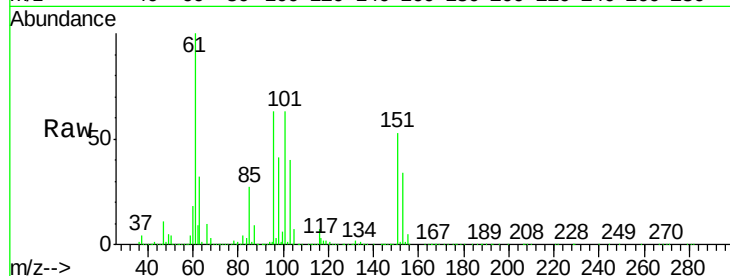
Acq: 23 Jul 2020 12:00

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	873387		
85	43.5		33.8	50.6
151	85.0		65.8	98.8

Manual Integrations
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#10

Methyl Iodide

Concen: 181.115 ug/l

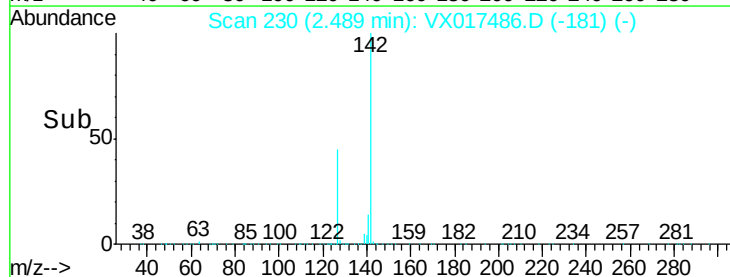
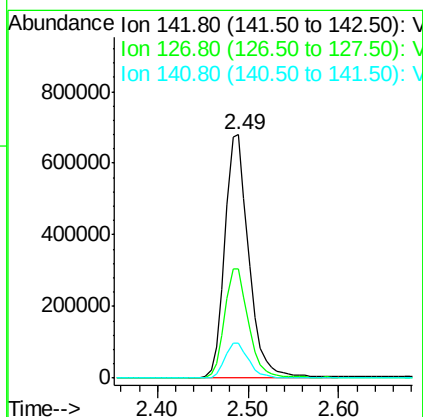
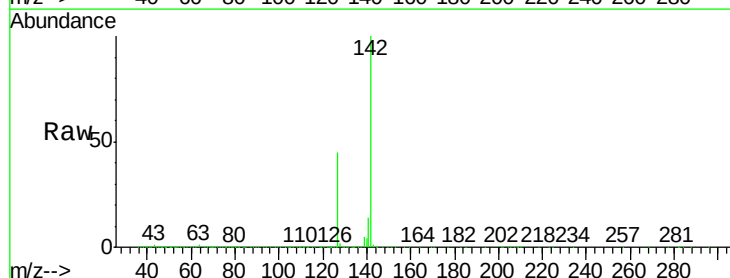
RT: 2.49 min Scan# 230

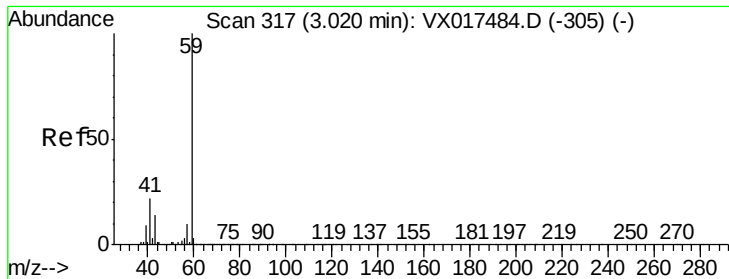
Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1259411		
127	44.9		36.4	54.6
141	14.2		11.4	17.2





#11

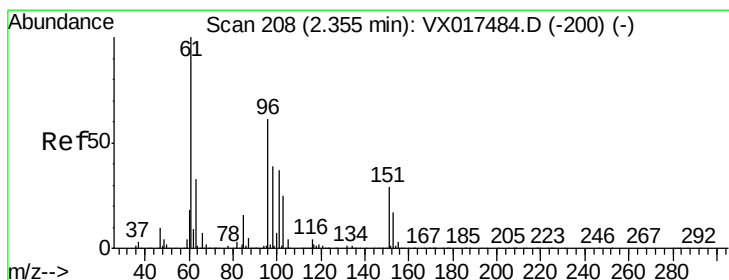
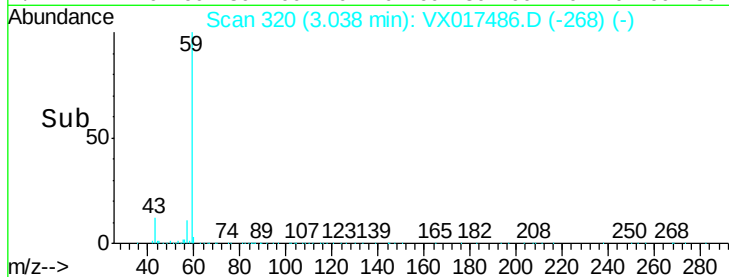
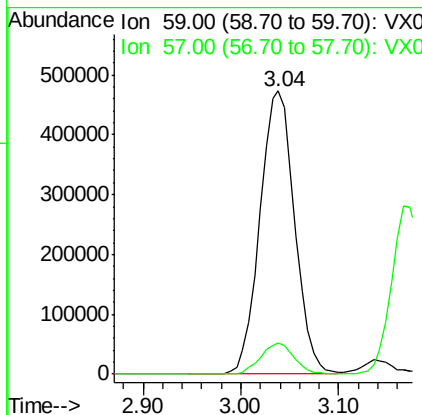
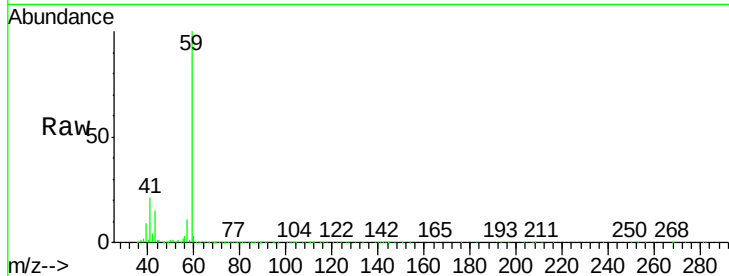
Tert butyl alcohol
Concen: 854.256 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 59 Resp: 1170353
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

Manual Integrations
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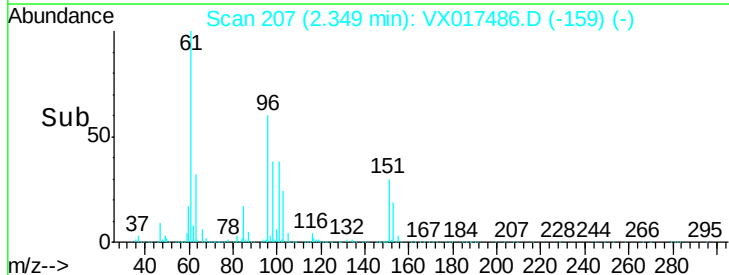
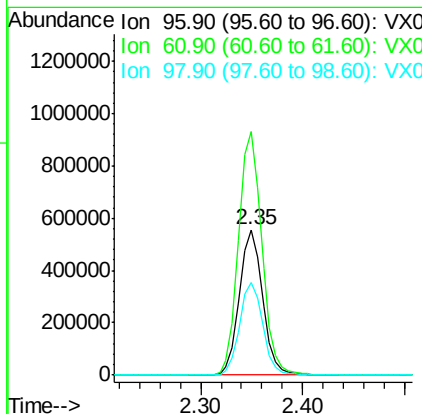
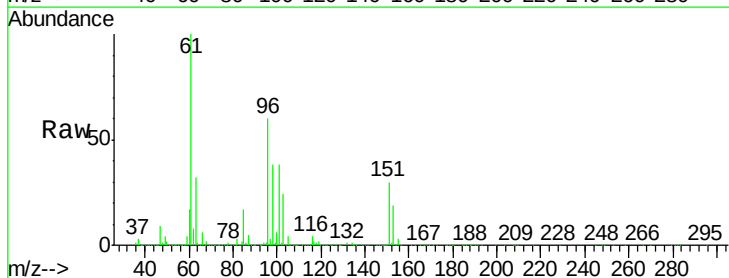
MMDadoda
7/24/2020 1:00:56 PM

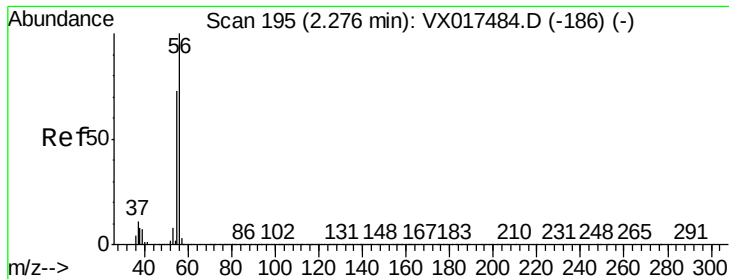


#12

1,1-Dichloroethene
Concen: 155.007 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 96 Resp: 872603
Ion Ratio Lower Upper
96 100
61 167.5 130.2 195.4
98 63.7 50.5 75.7





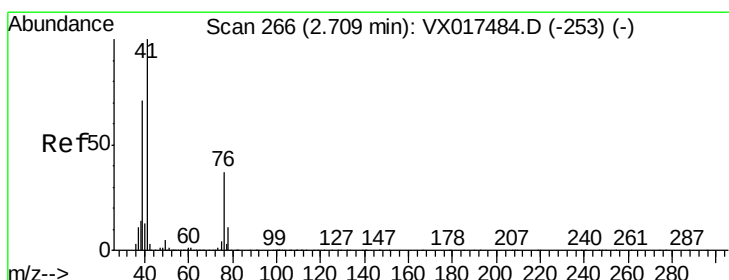
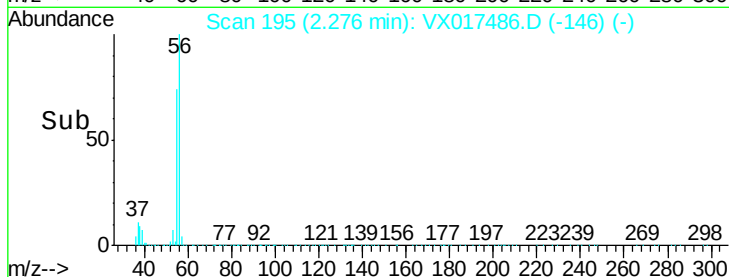
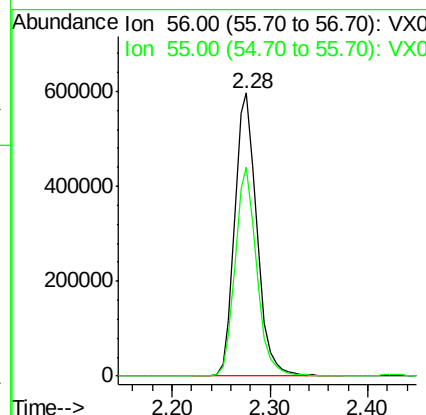
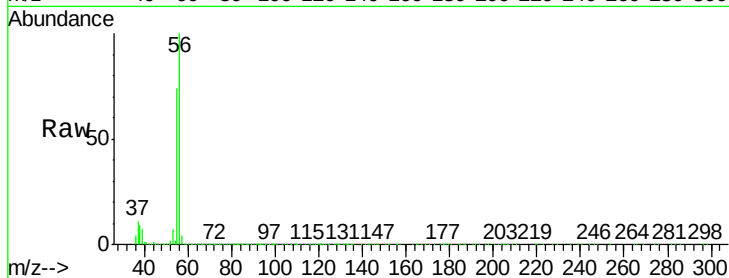
#13
Acrolein
Concen: 1146.371 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	56	Resp	936177
Ion Ratio	100	Lower	Upper
55	71.8	57.3	85.9

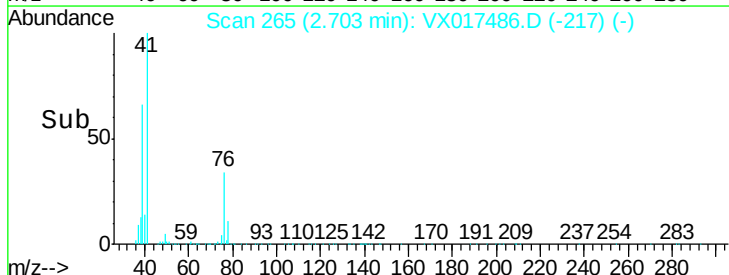
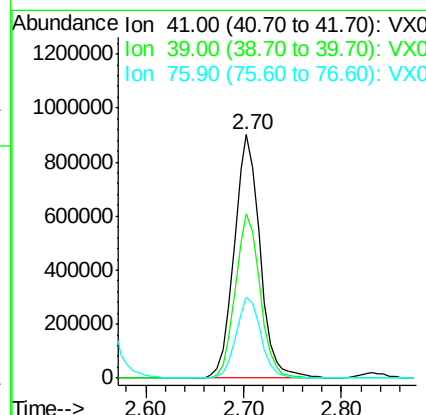
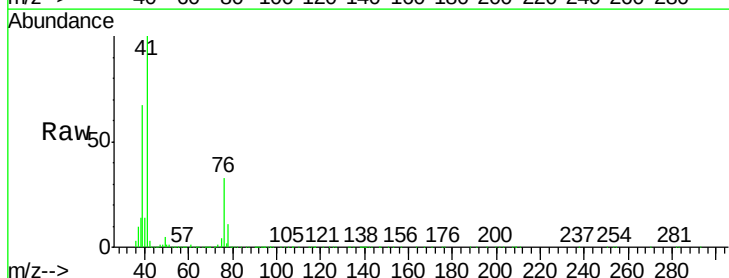
Manual Integrations
APPROVED

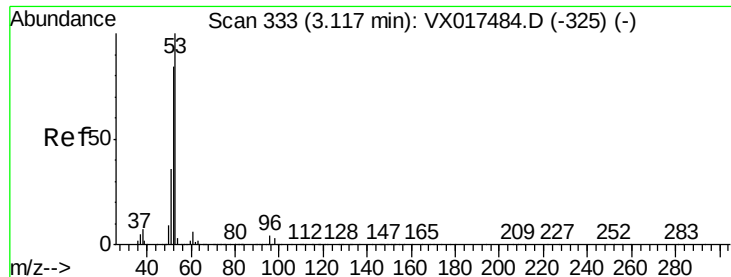
MMDadoda
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#14
Allyl chloride
Concen: 166.161 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion	41	Resp	1644468
Ion Ratio	100	Lower	Upper
39	64.9	51.7	77.5
76	31.9	26.4	39.6





#15

Acrylonitrile

Concen: 772.227 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 2479743

Ion Ratio Lower Upper

53 100

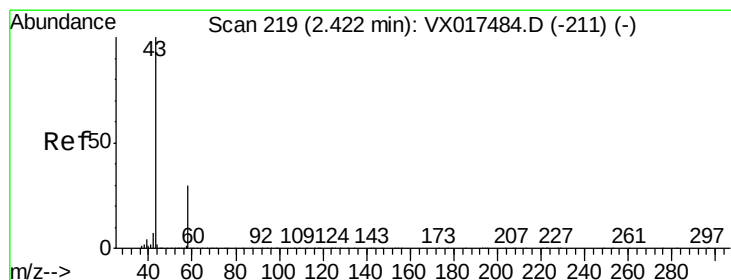
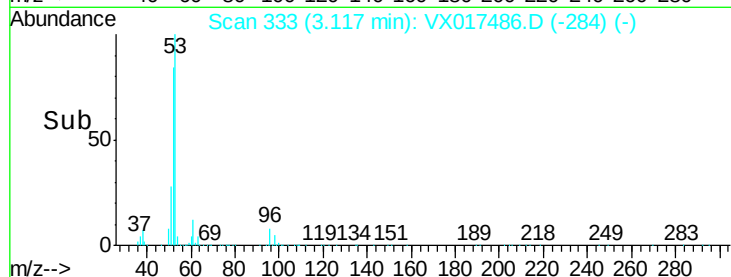
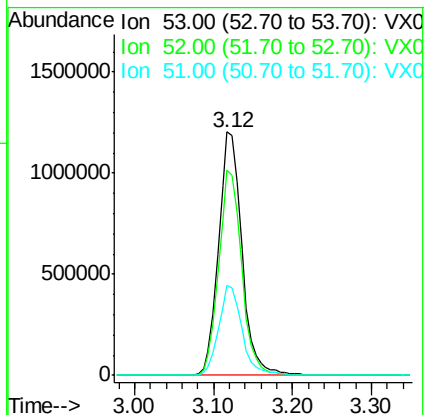
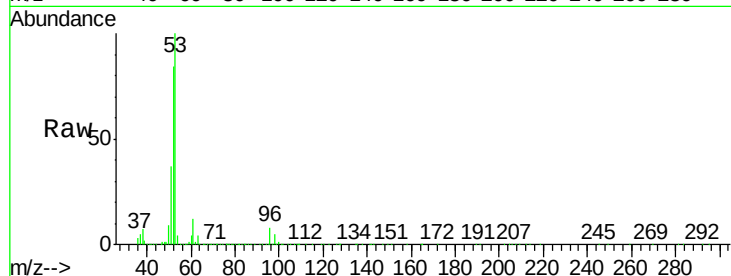
52 83.2 67.0 100.4

51 36.8 29.6 44.4

Manual Integrations
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#16

Acetone

Concen: 833.298 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017486.D

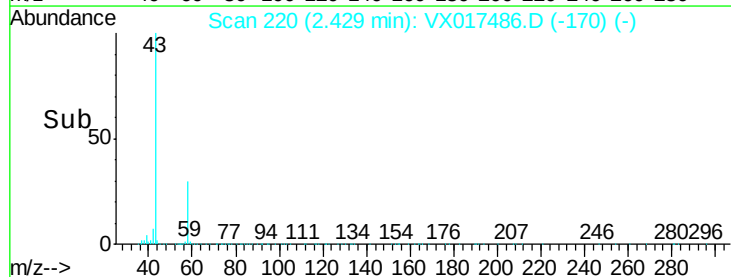
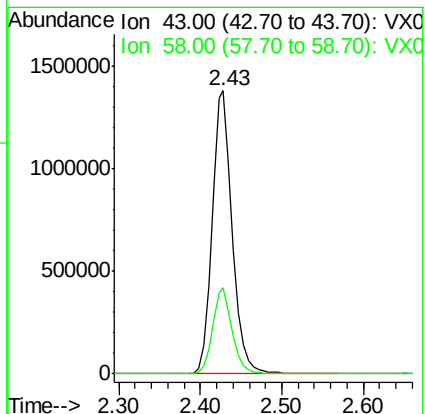
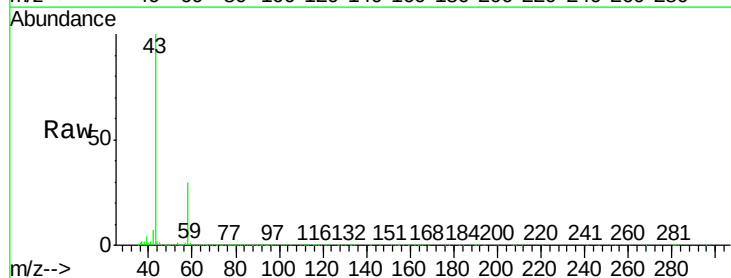
Acq: 23 Jul 2020 12:00

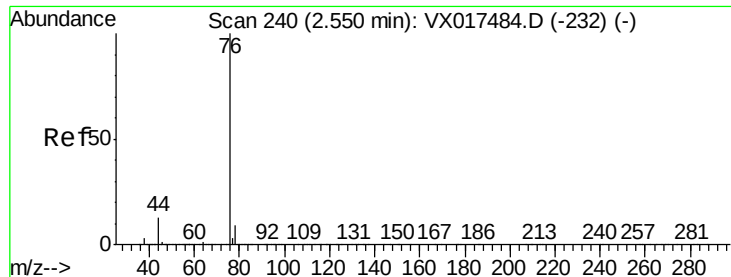
Tgt Ion: 43 Resp: 2376356

Ion Ratio Lower Upper

43 100

58 30.3 23.7 35.5





#17

Carbon Disulfide

Concen: 157.508 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 2588799

Ion Ratio Lower Upper

76 100

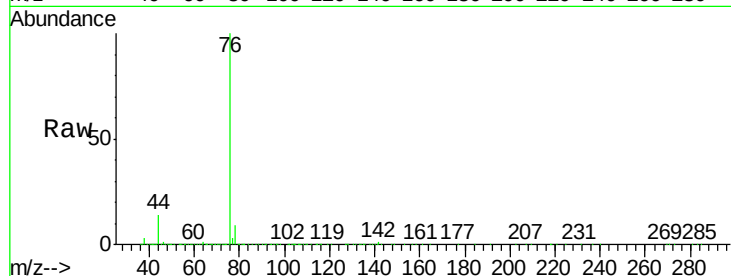
78 9.4 6.8 10.2

Manual Integrations

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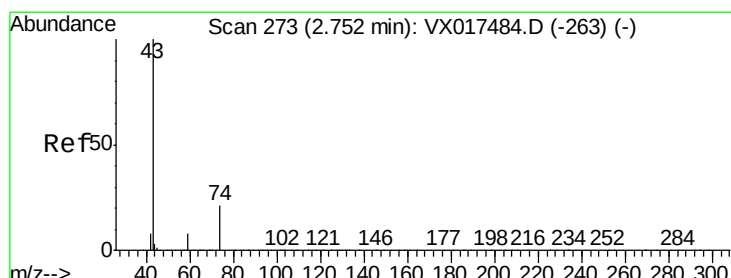
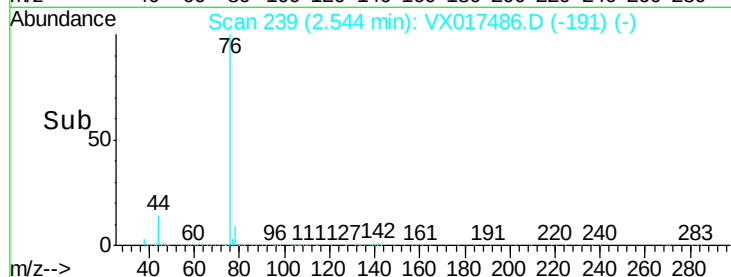
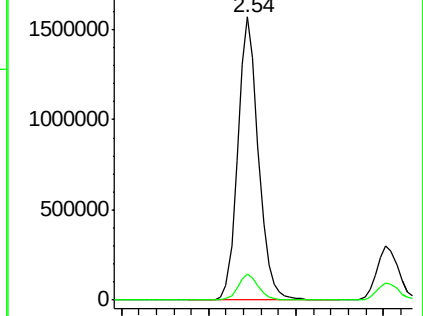
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 163.368 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017486.D

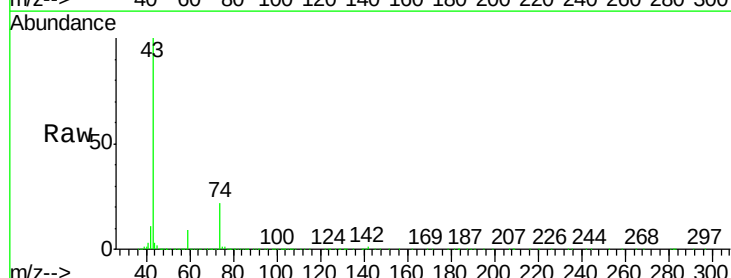
Acq: 23 Jul 2020 12:00

Tgt Ion: 43 Resp: 1149435

Ion Ratio Lower Upper

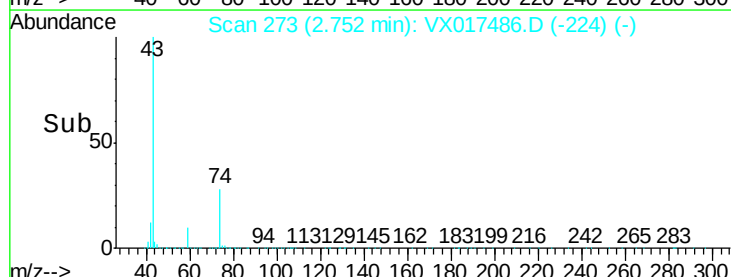
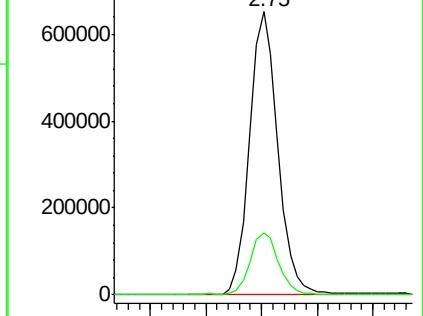
43 100

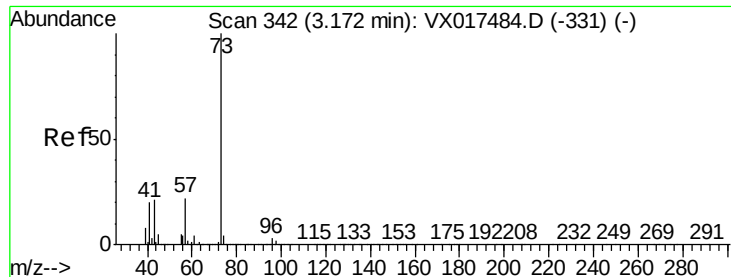
74 21.9 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





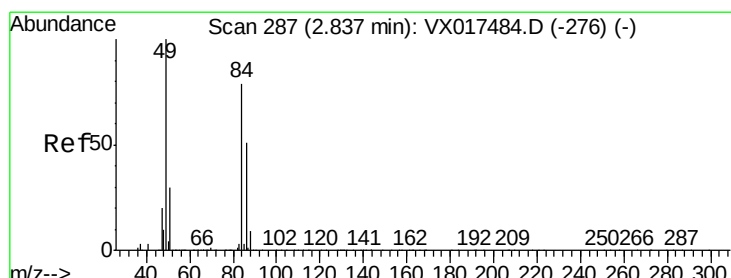
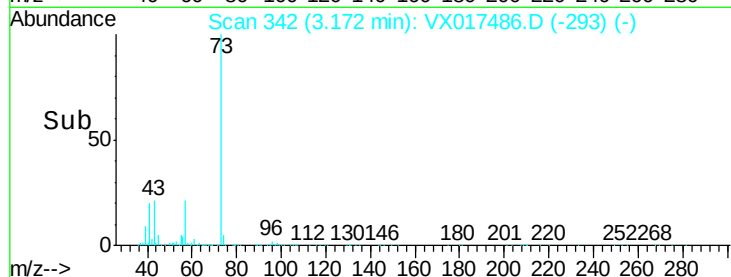
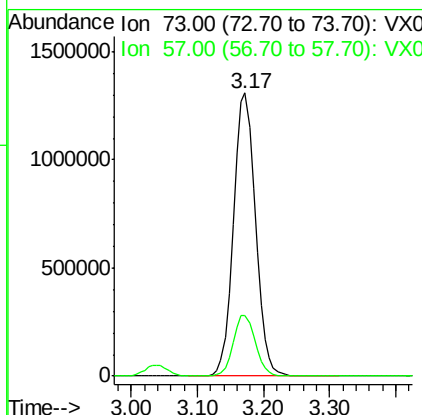
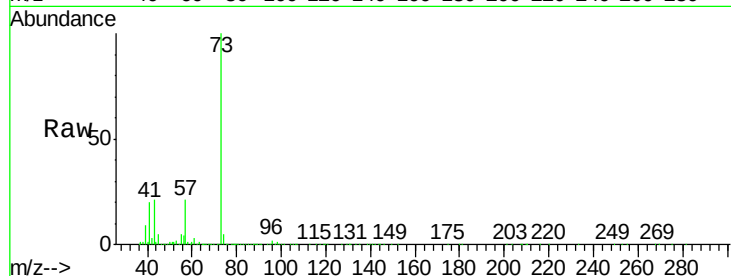
#19
Methyl tert-butyl Ether
Concen: 157.046 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 3011239
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

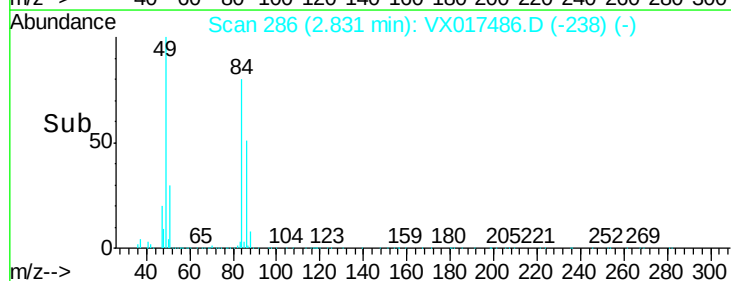
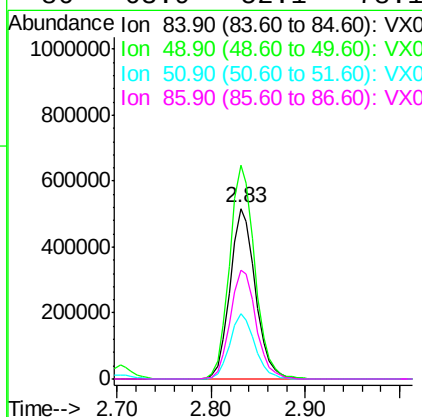
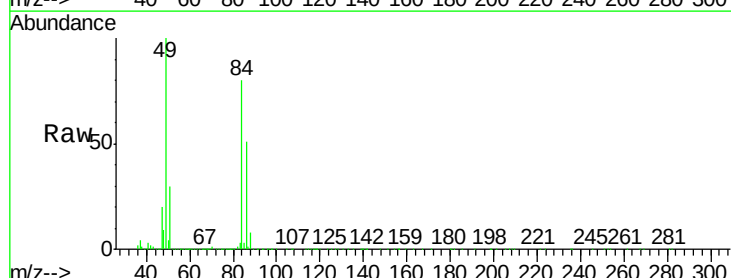
Manual Integrations
APPROVED

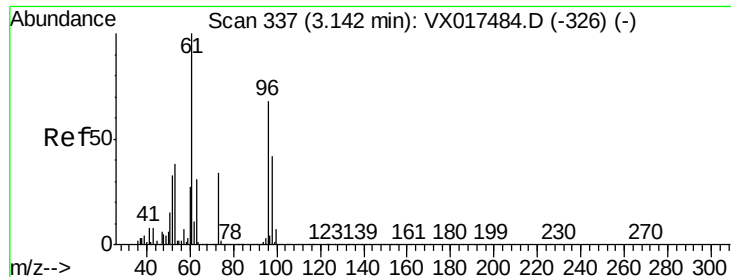
MMDadoda
7/24/2020 1:00:56 PM



#20
Methylene Chloride
Concen: 142.589 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 84 Resp: 962937
Ion Ratio Lower Upper
84 100
49 125.4 101.4 152.2
51 38.1 30.6 45.8
86 63.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 137.561 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 874554

Ion Ratio Lower Upper

96 100

61 141.2 117.2 175.8

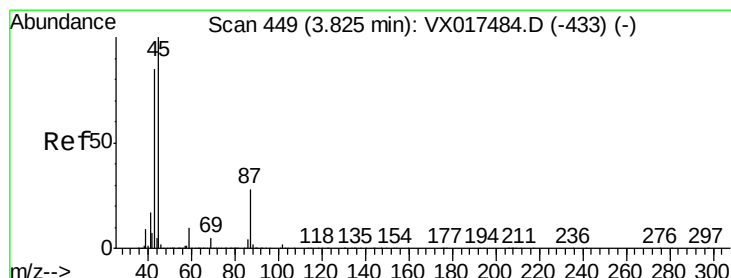
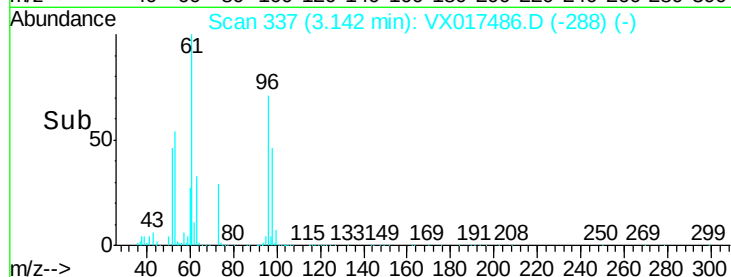
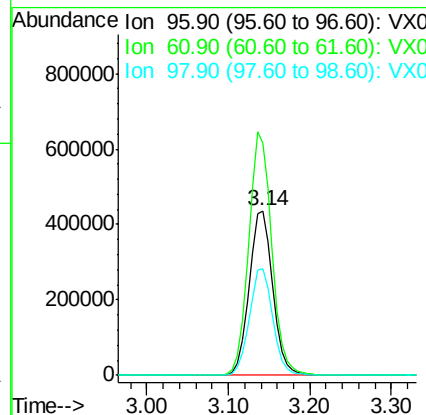
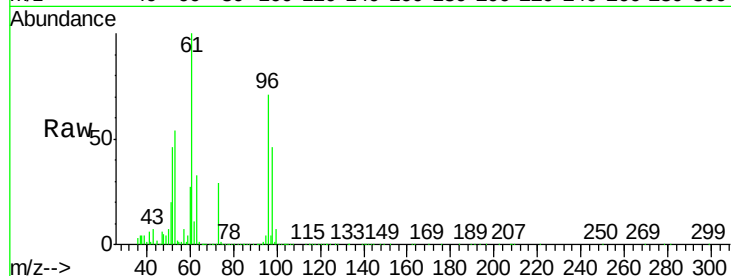
98 64.8 49.0 73.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 163.193 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tgt Ion: 45 Resp: 3006747

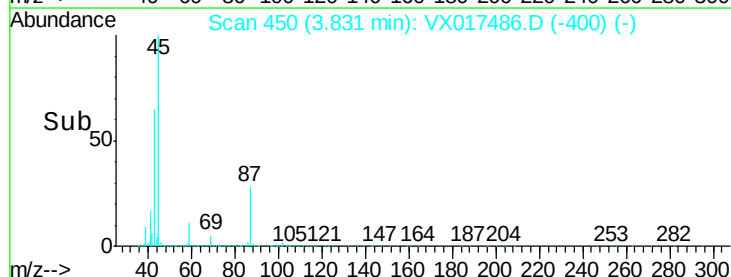
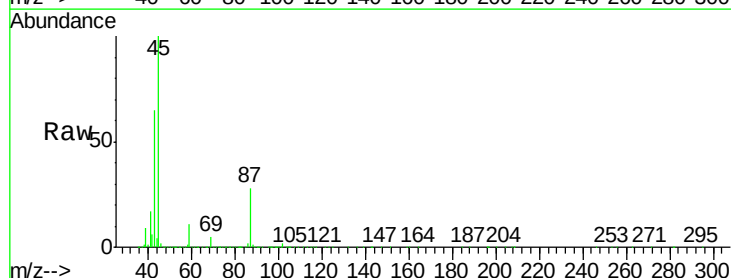
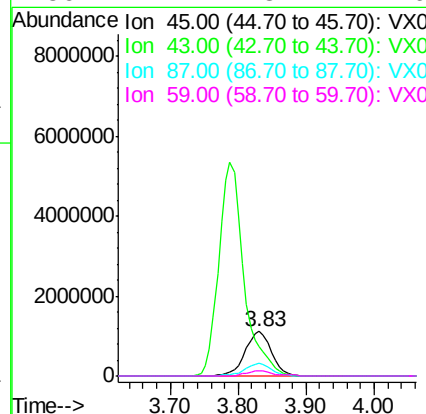
Ion Ratio Lower Upper

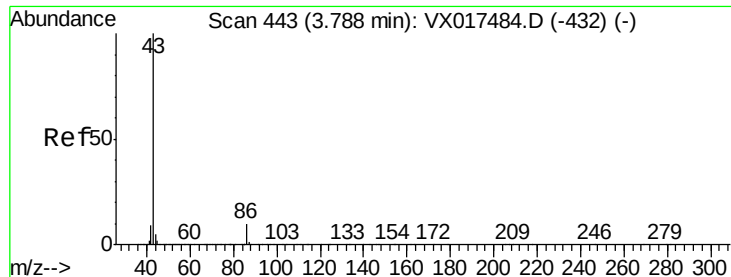
45 100

43 65.0 68.0 102.0#

87 27.8 22.2 33.4

59 11.1 8.4 12.6





#23

Vinyl Acetate

Concen: 845.458 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp:13786553

Ion Ratio Lower Upper

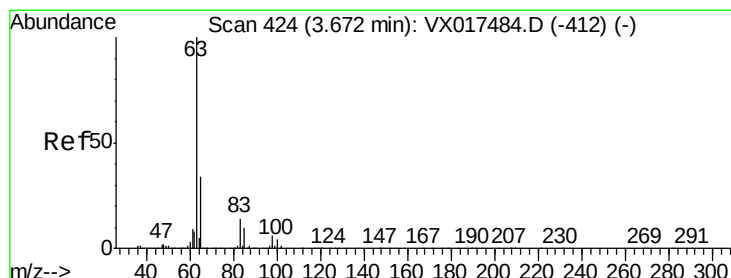
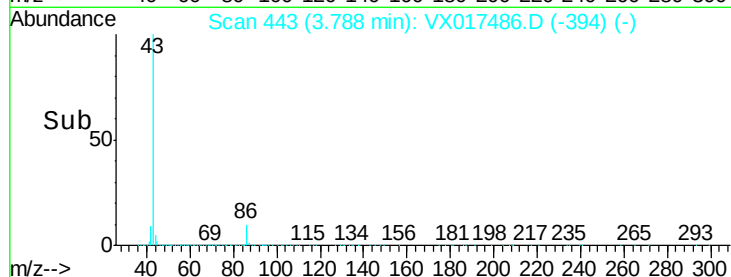
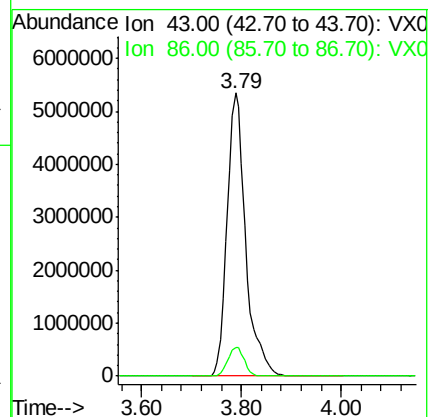
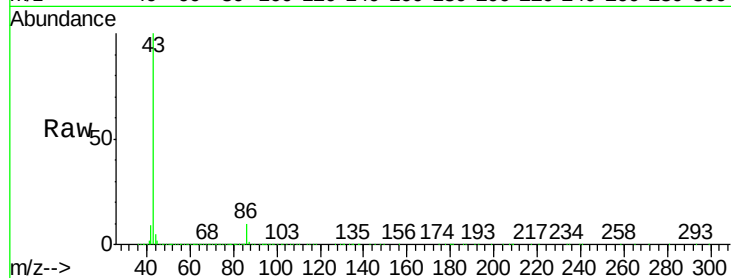
43 100

86 10.3 8.0 12.0

Manual Integrations
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MMDadoda

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#24

1,1-Dichloroethane

Concen: 158.850 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

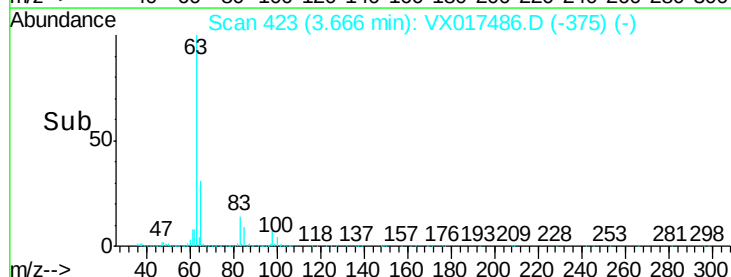
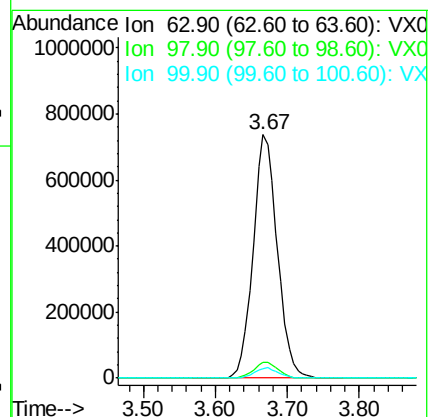
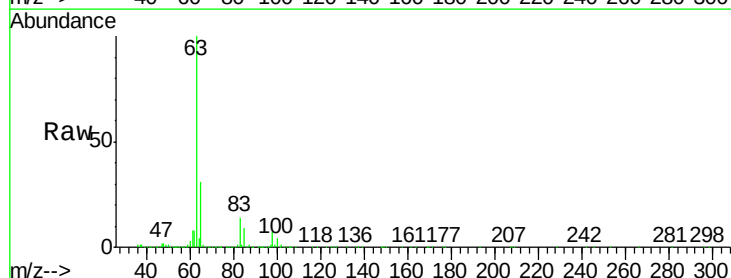
Tgt Ion: 63 Resp: 1714533

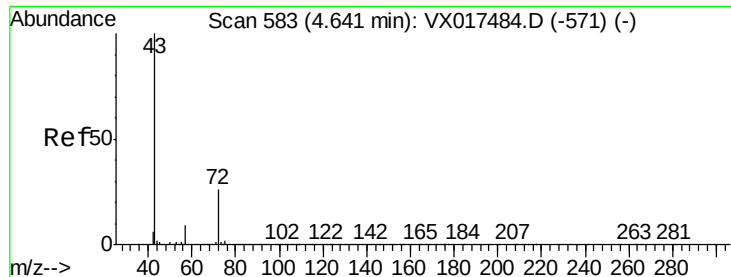
Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 792.676 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tot Ion: 43 Resp: 3497101

Ion Ratio Lower Upper

43 100

72 23.7 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

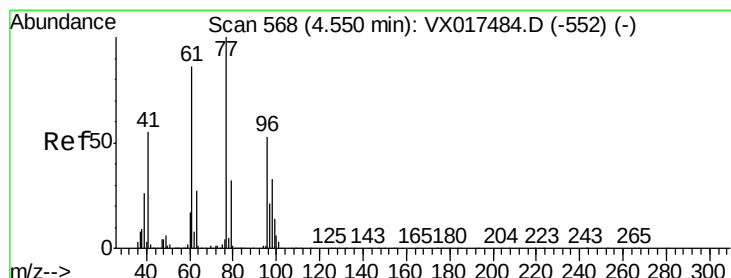
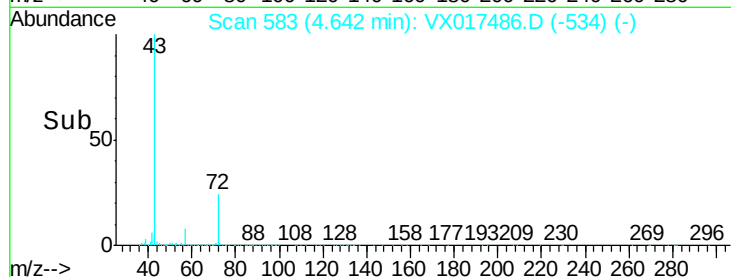
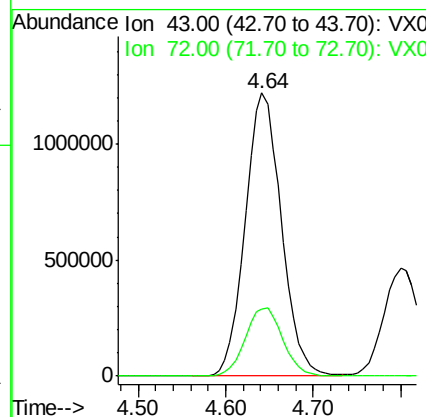
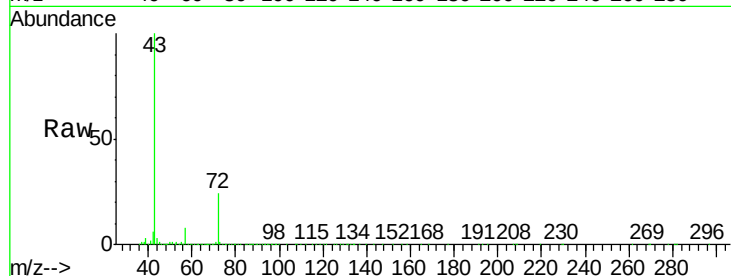
VSTDICC150

Manual Integrations

APPROVED

MMDadoda

7/24/2020 1:00:56 PM



#26

2,2-Dichloropropane

Concen: 144.582 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017486.D

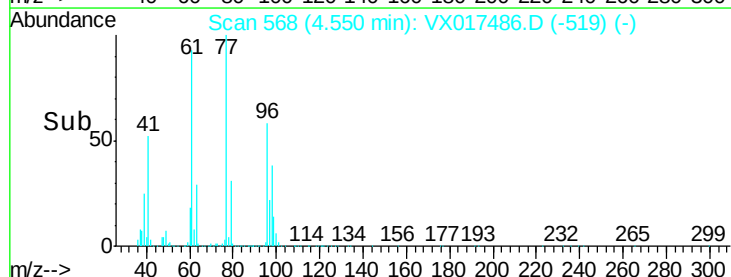
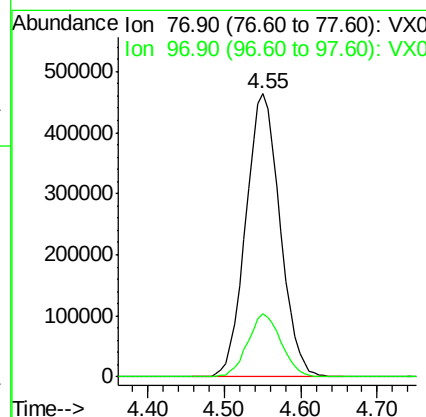
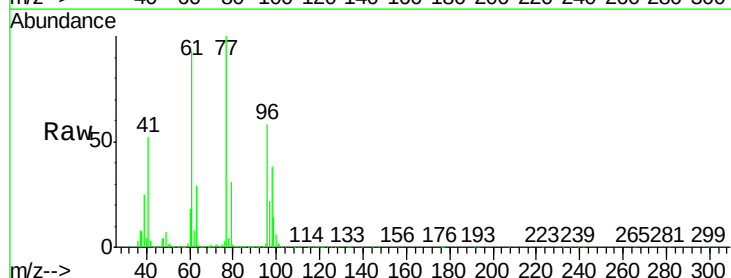
Acq: 23 Jul 2020 12:00

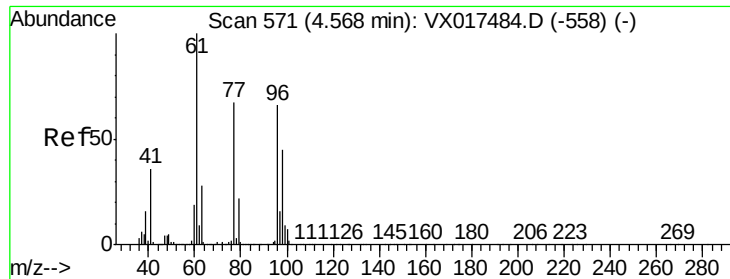
Tgt Ion: 77 Resp: 1443723

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.3





#27

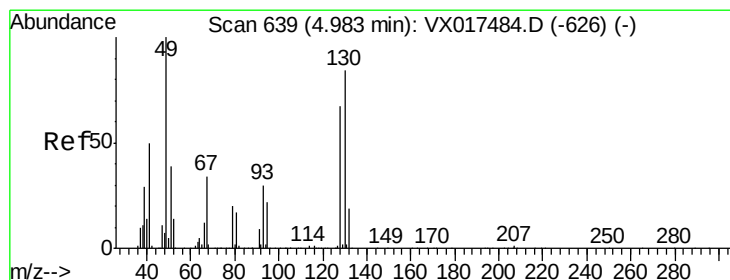
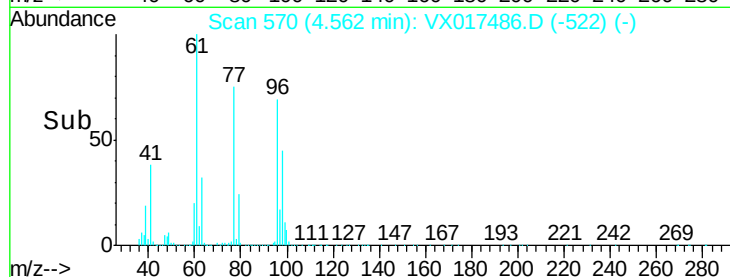
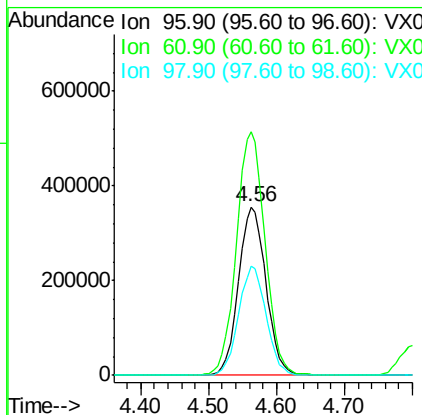
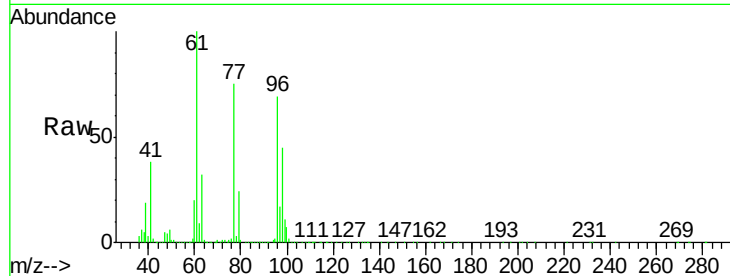
cis-1,2-Dichloroethene
Concen: 144.047 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	996596		
61	150.6	0.0	299.2	
98	65.0	0.0	127.6	

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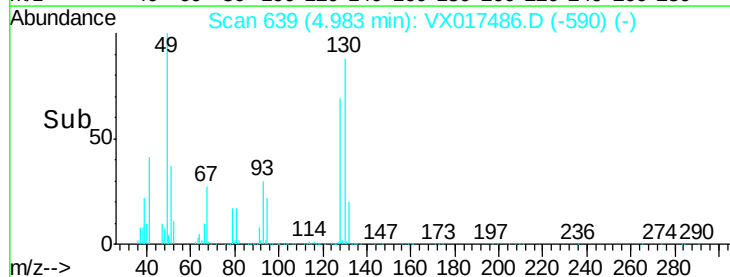
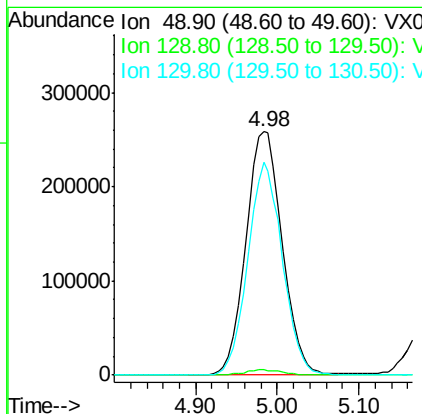
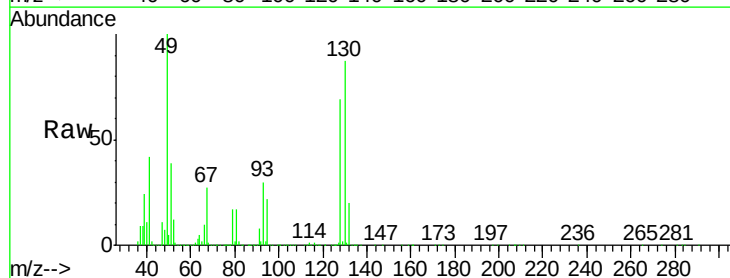
MMDadoda
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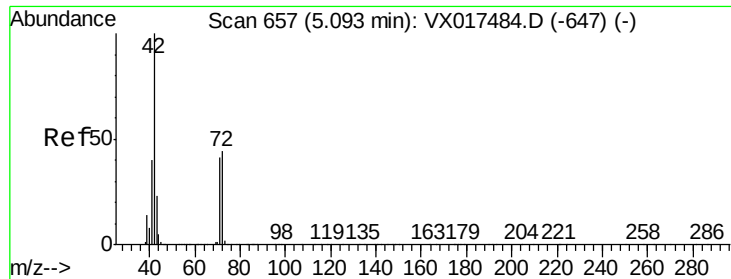


#28

Bromochloromethane
Concen: 160.580 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	799720		
129	2.3	0.0	4.4	
130	83.4	68.0	102.0	





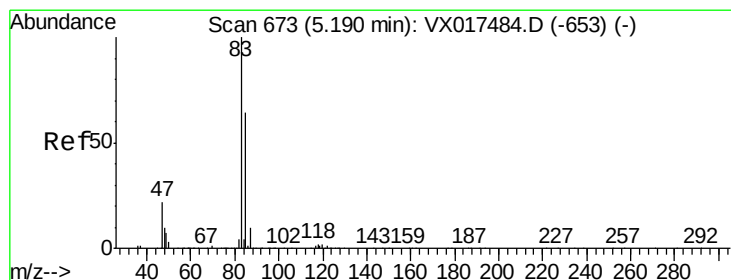
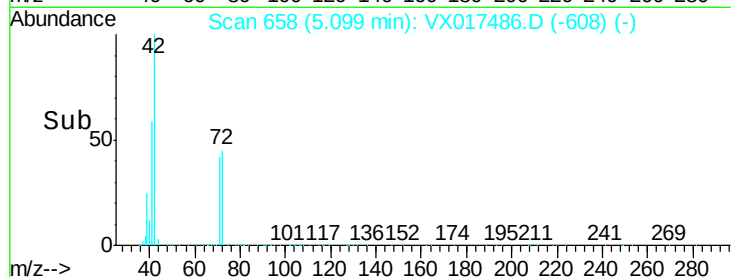
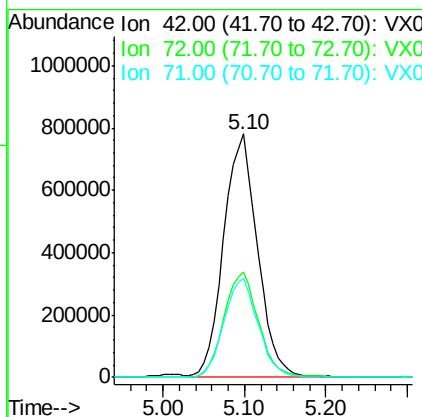
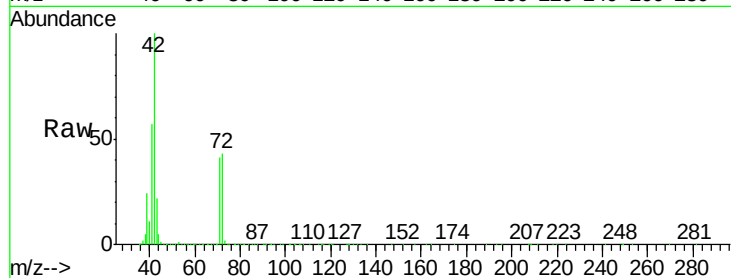
#29
Tetrahydrofuran
Concen: 785.416 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 2234789
Ion Ratio Lower Upper
42 100
72 44.4 34.1 51.1
71 41.2 32.3 48.5

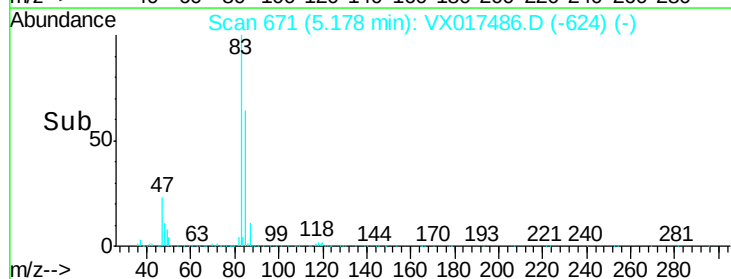
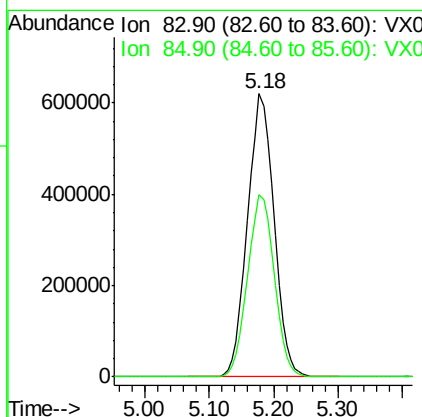
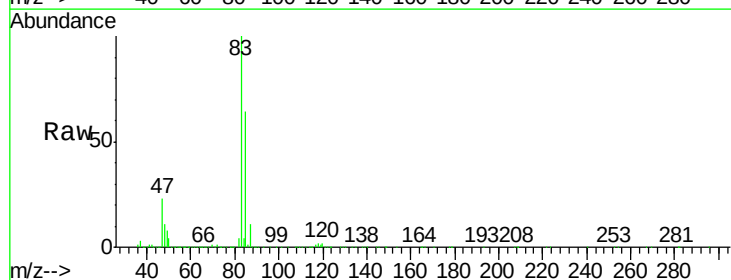
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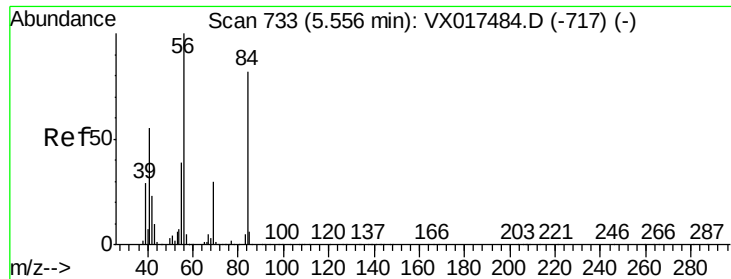
MMDadoda
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#30
Chloroform
Concen: 151.809 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 83 Resp: 1750943
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0





#31

Cyclohexane

Concen: 156.887 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1376090

Ion Ratio Lower Upper

56 100

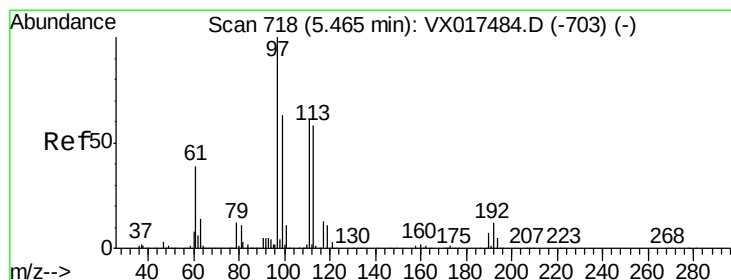
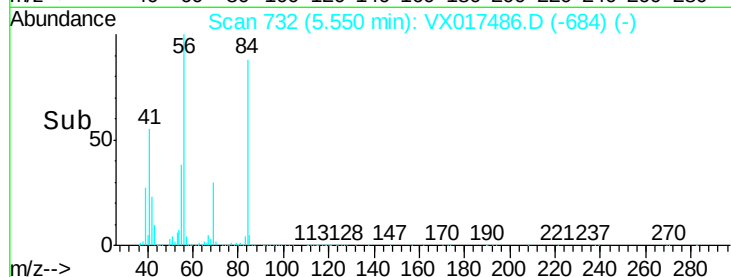
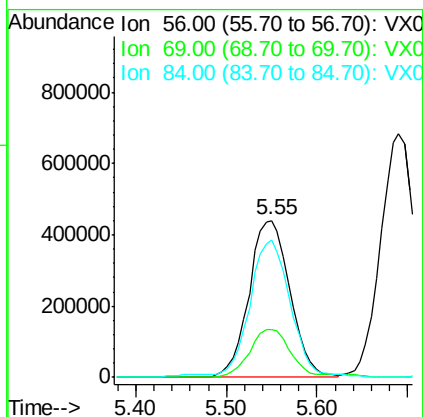
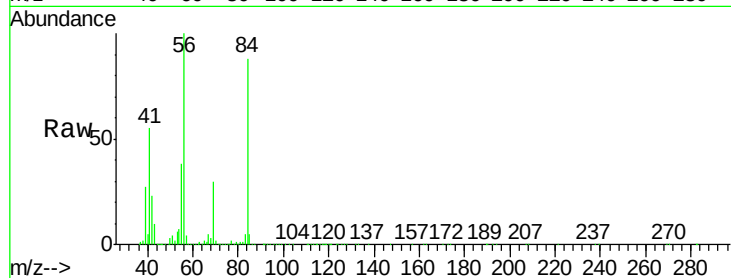
69 30.3 24.1 36.1

84 86.3 65.8 98.8

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#32

1,1,1-Trichloroethane

Concen: 146.289 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

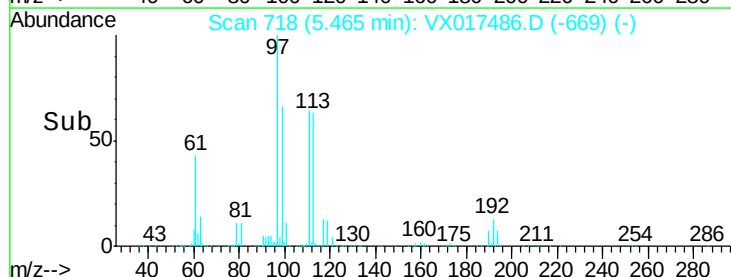
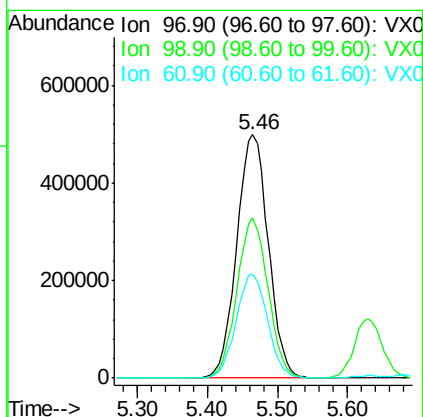
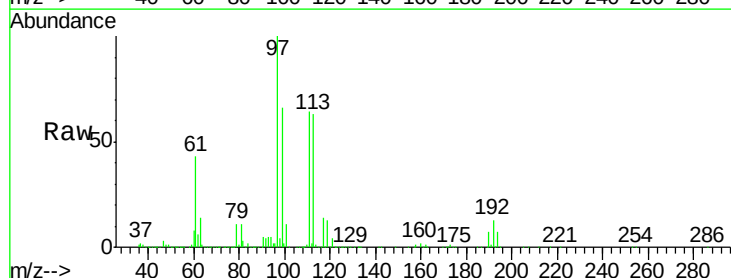
Tgt Ion: 97 Resp: 1560409

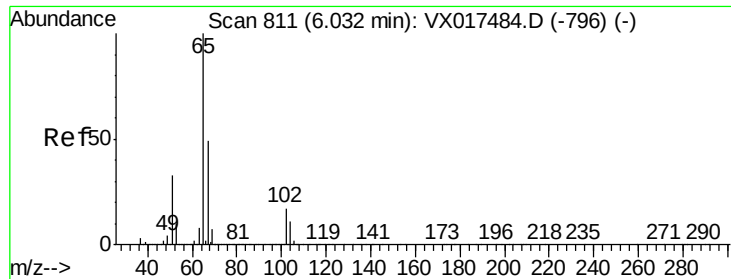
Ion Ratio Lower Upper

97 100

99 64.9 51.1 76.7

61 42.6 33.4 50.0





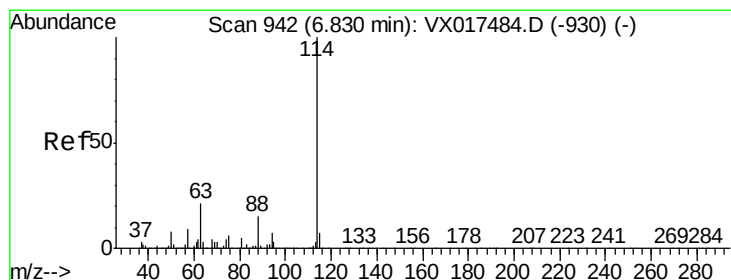
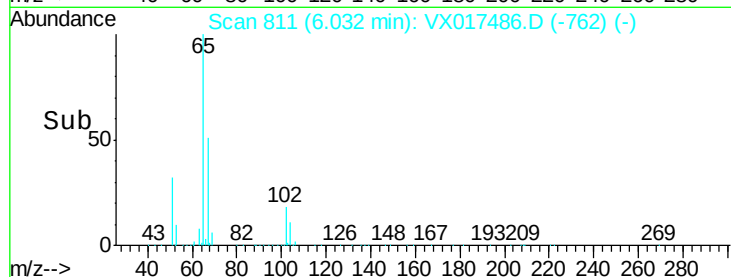
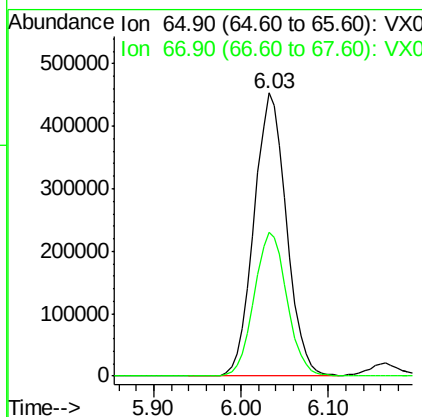
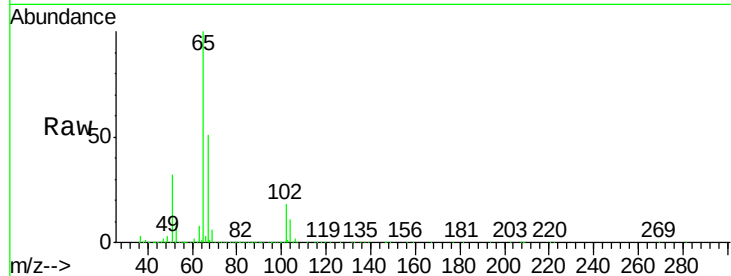
#33
 1,2-Dichloroethane-d4
 Concen: 151.591 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 65 Resp: 1173368
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.0

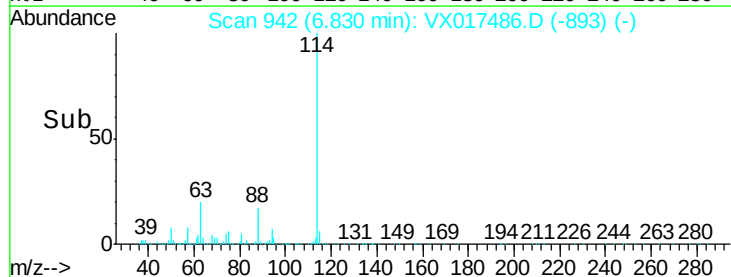
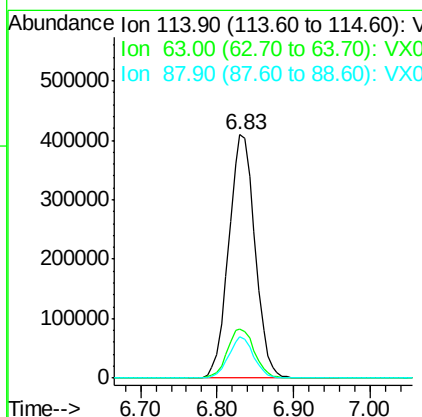
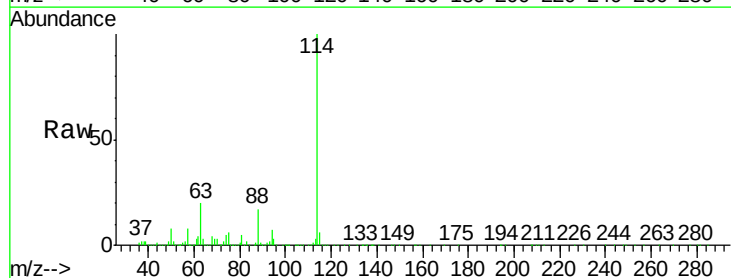
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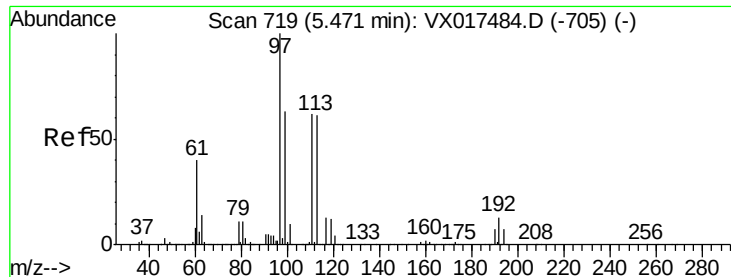
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Tgt Ion: 114 Resp: 970130
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.2
 88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 138.346 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

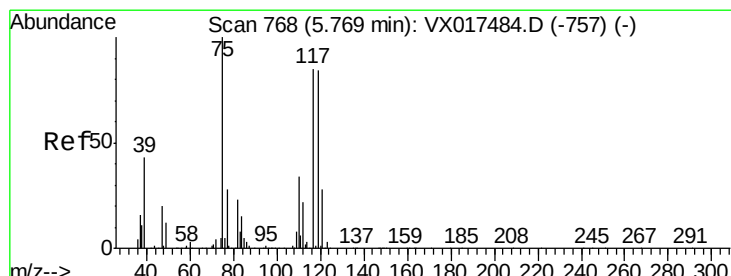
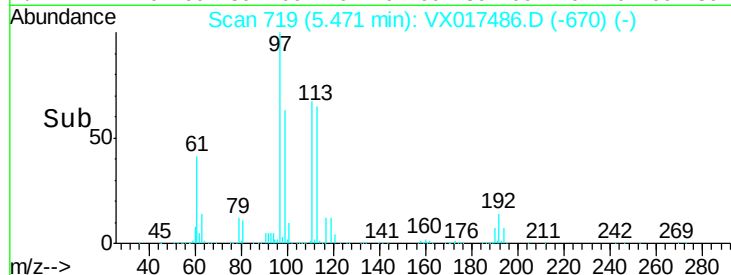
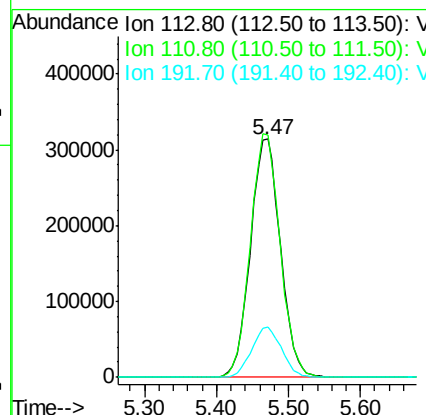
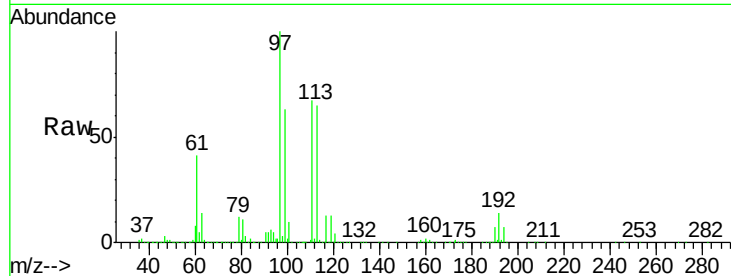
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	910565
Ion Ratio	Lower	Upper	
113	100		
111	100.9	82.2	123.2
192	21.1	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 141.496 ug/l

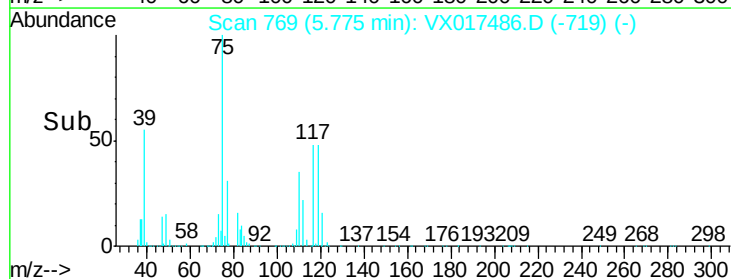
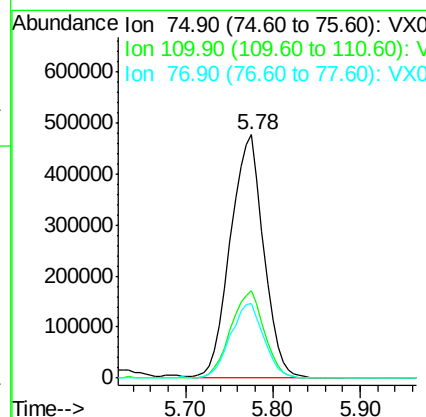
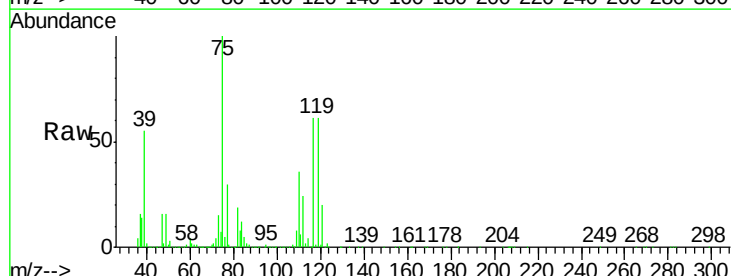
RT: 5.78 min Scan# 769

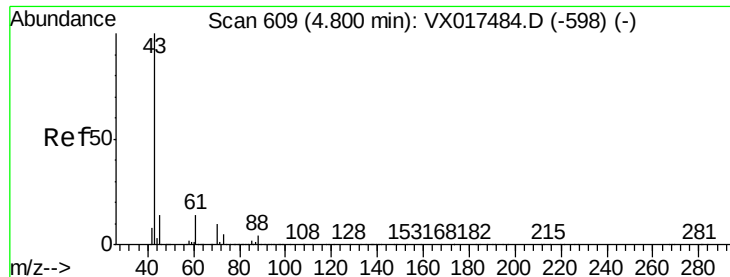
Delta R.T. 0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tgt Ion:	75	Resp:	1258171
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.3
77	30.8	24.5	36.7





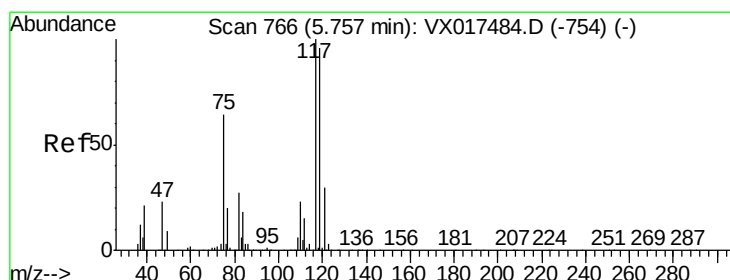
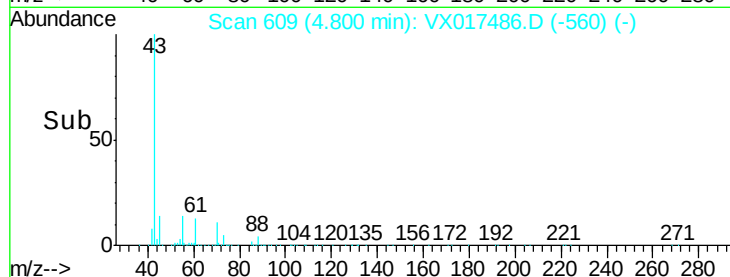
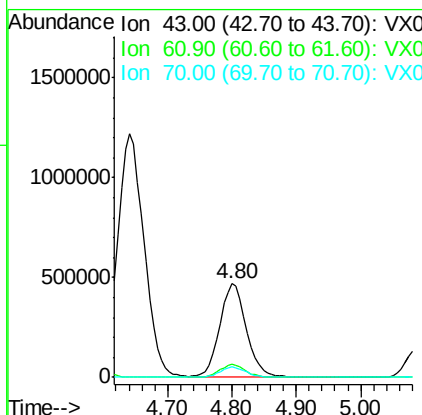
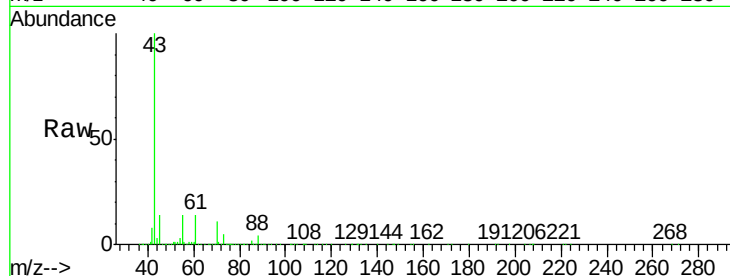
#37
Ethyl Acetate
Concen: 143.666 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	43	Resp:	1364105
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	10.6	8.4	12.6

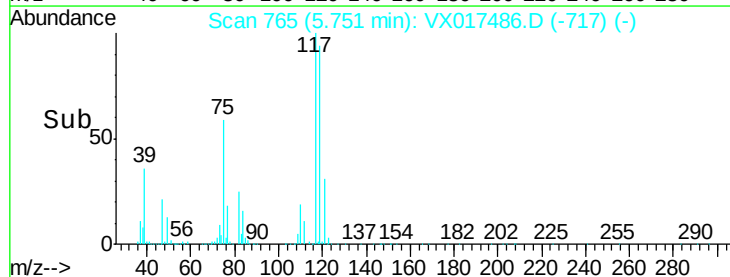
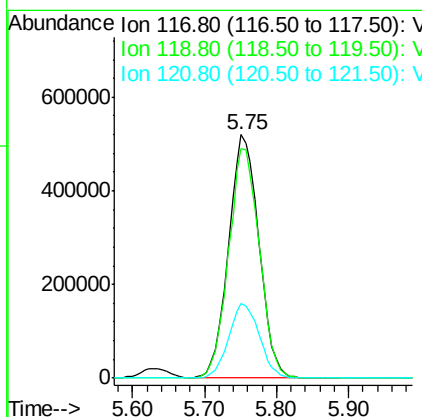
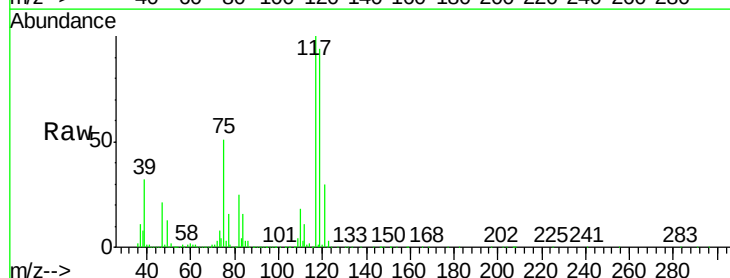
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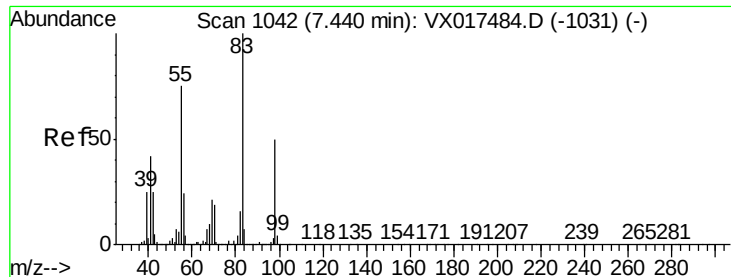
MMDadoda
7/24/2020 1:00:56 PM



#38
Carbon Tetrachloride
Concen: 145.188 ug/l
RT: 5.75 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion:	117	Resp:	1516754
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.7	115.1
121	30.4	24.2	36.2





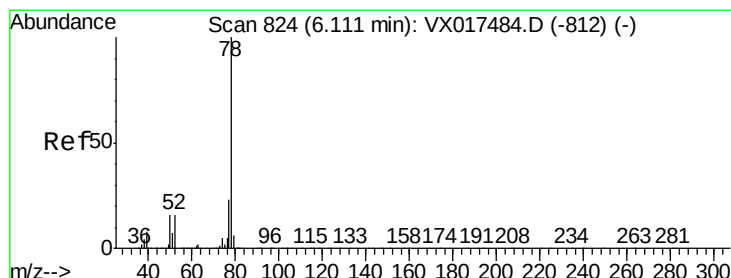
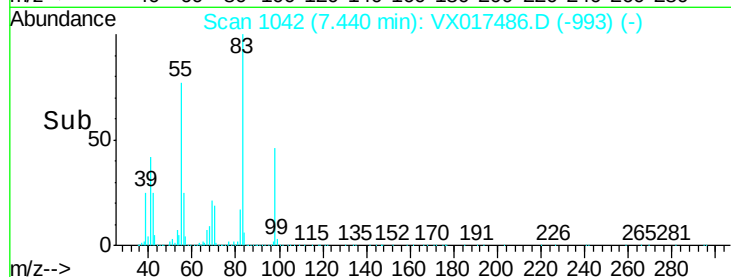
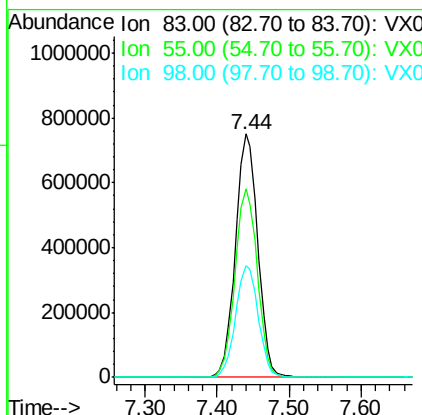
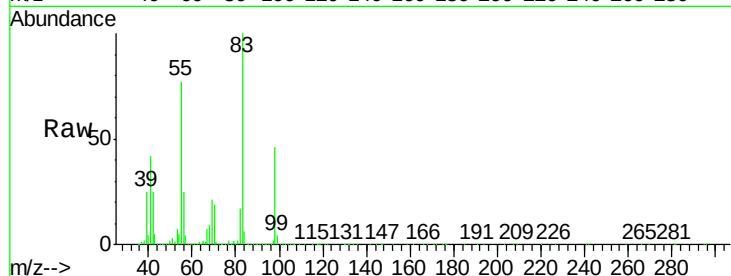
#39
Methylvlcyclohexane
Concen: 167.121 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.2	90.2
98	46.1	39.8	59.6

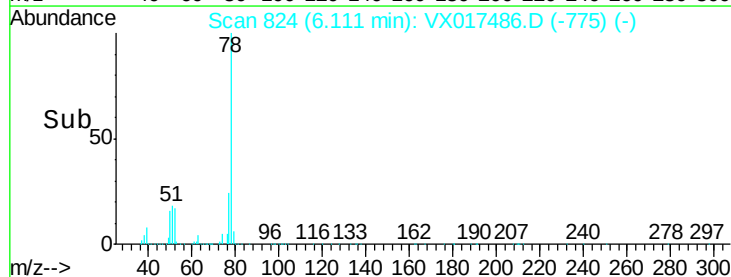
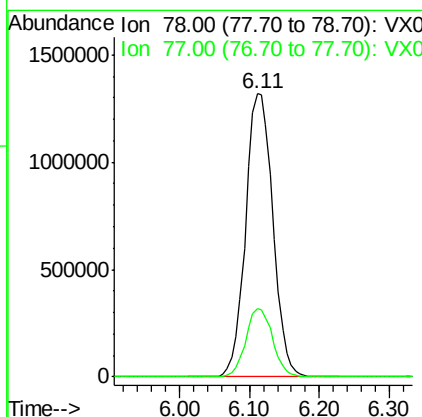
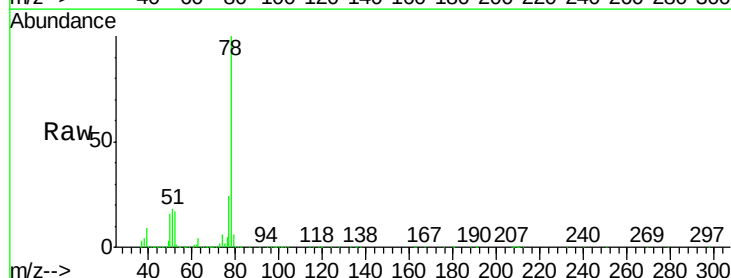
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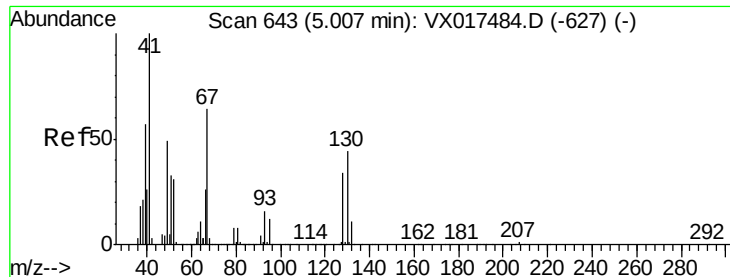
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#40
Benzene
Concen: 138.777 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.2	27.4





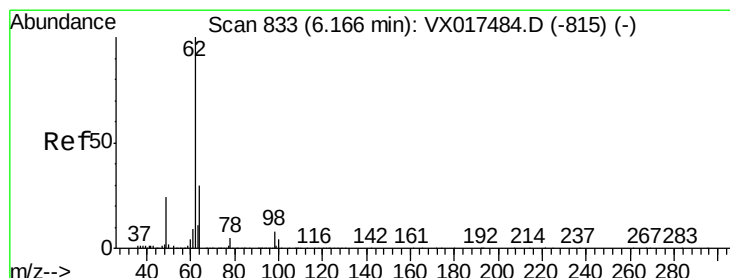
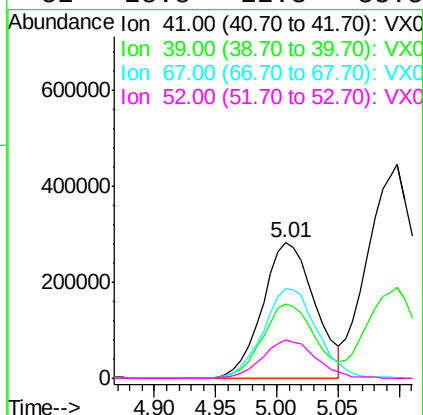
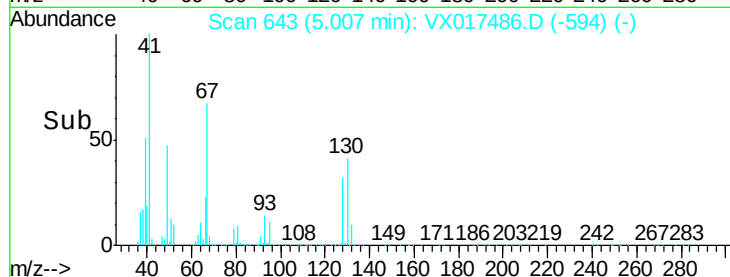
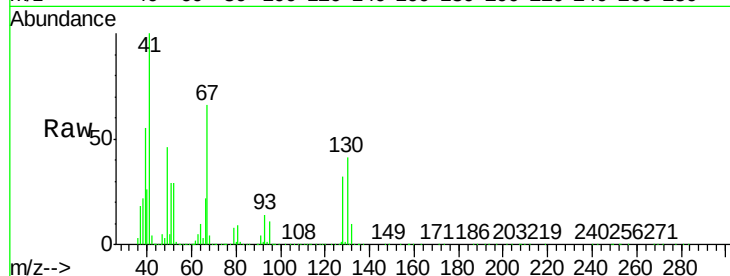
#41
Methacrylonitrile
Concen: 165.282 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	44.0	66.0	
67	67.5	55.0	82.4	
52	28.8	22.3	33.5	

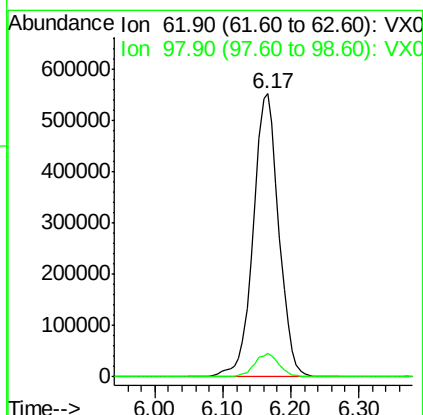
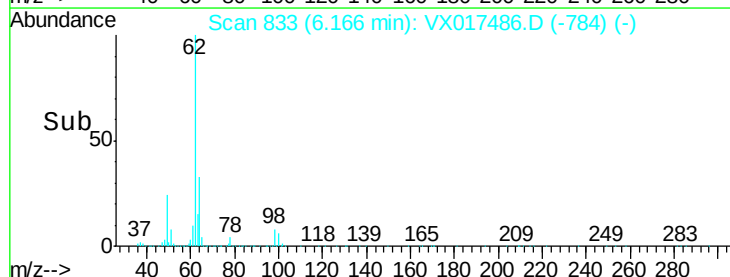
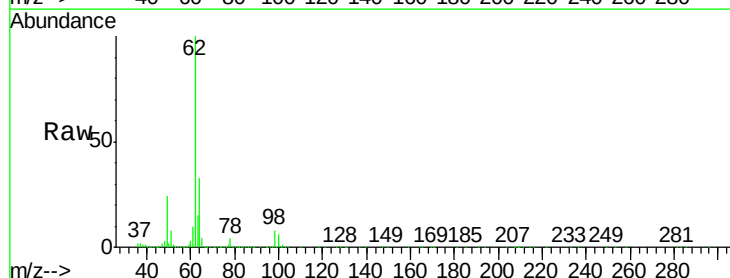
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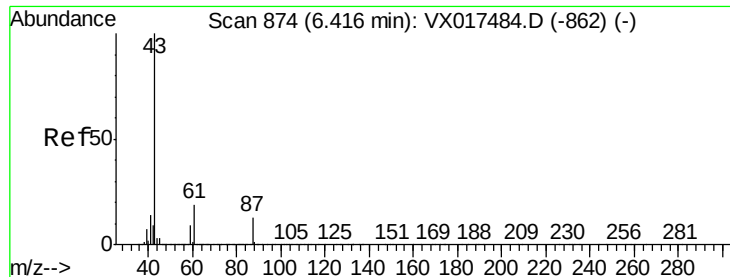
MMDadoda
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#42
1,2-Dichloroethane
Concen: 143.346 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	0.0	15.6	





#43

Isopropyl Acetate

Concen: 151.608 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2329747

Ion Ratio Lower Upper

43 100

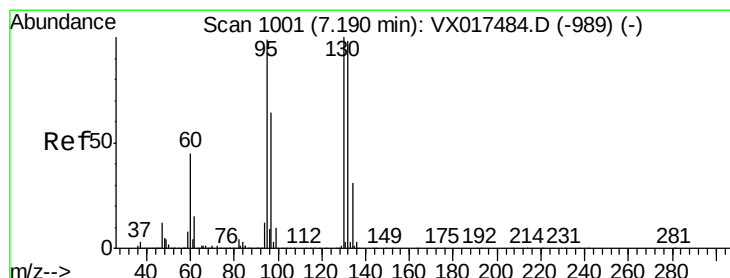
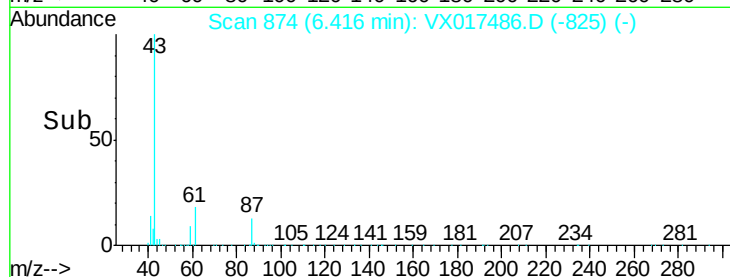
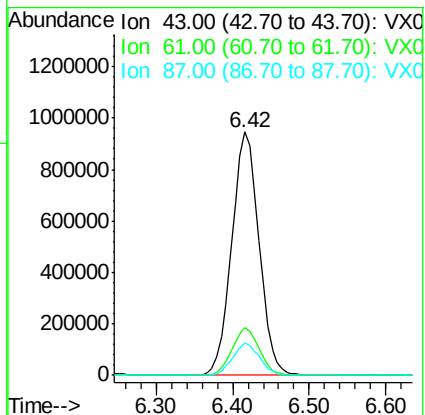
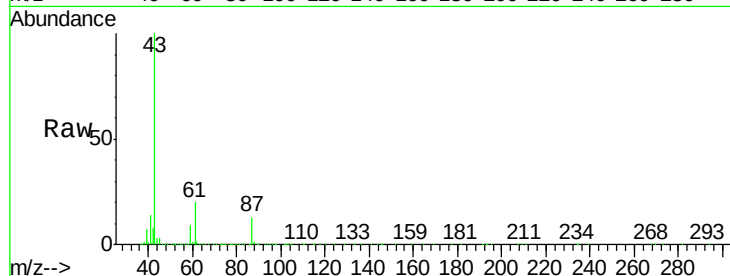
61 19.4 15.6 23.4

87 13.1 10.4 15.6

Manual Integrations
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#44

Trichloroethene

Concen: 148.960 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017486.D

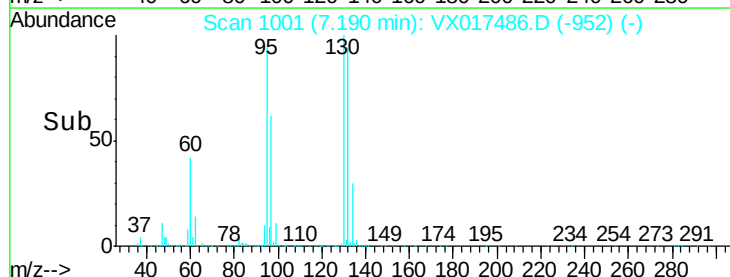
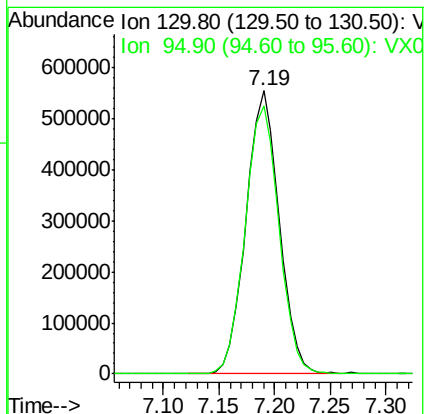
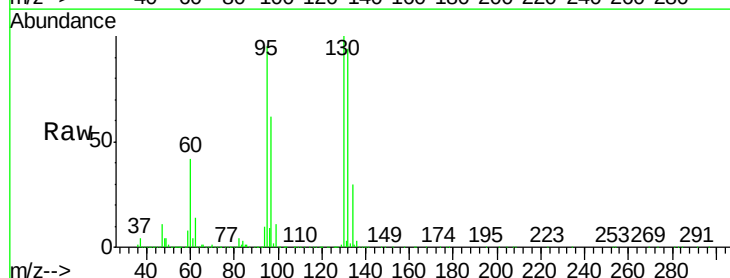
Acq: 23 Jul 2020 12:00

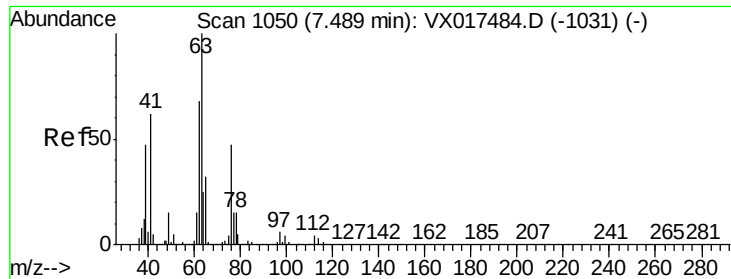
Tgt Ion:130 Resp: 1155687

Ion Ratio Lower Upper

130 100

95 94.5 0.0 198.4





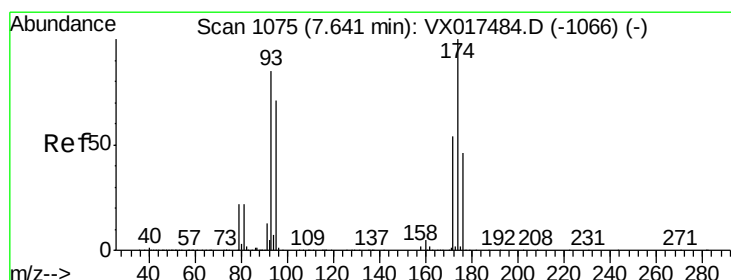
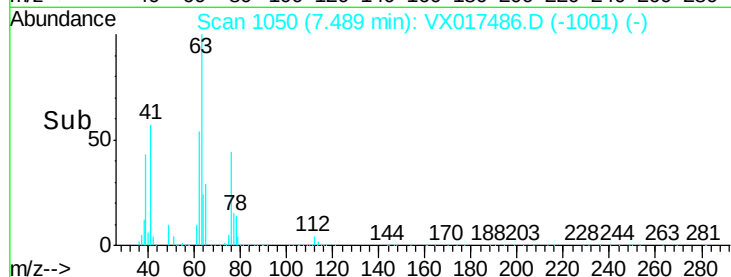
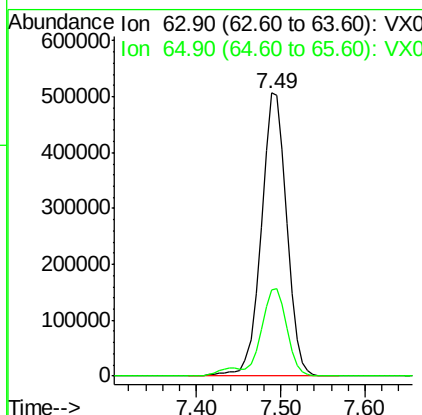
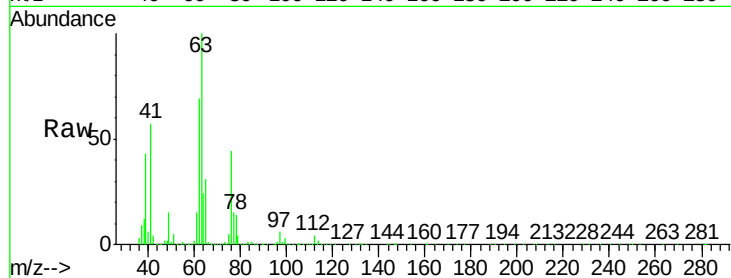
#45
 1,2-Dichloropropane
 Concen: 161.564 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion: 63 Resp: 1060453
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.2

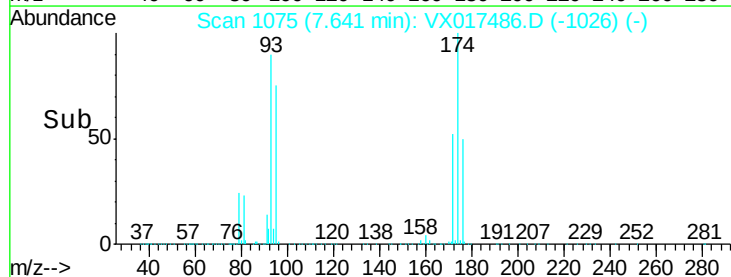
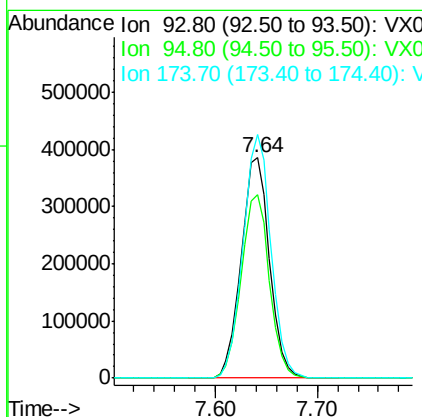
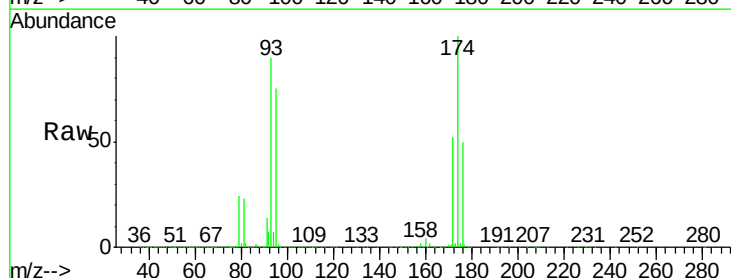
Manual Integrations
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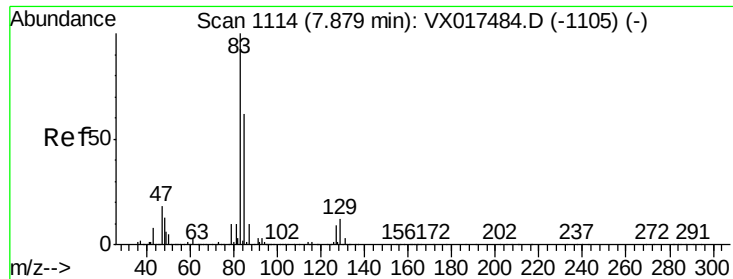
MMDadoda
 7/24/2020 1:00:56 PM



#46
 Dibromomethane
 Concen: 157.599 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Tgt Ion: 93 Resp: 744775
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.7 98.5
 174 108.8 91.8 137.8





#47

Bromodichloromethane

Concen: 158.013 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

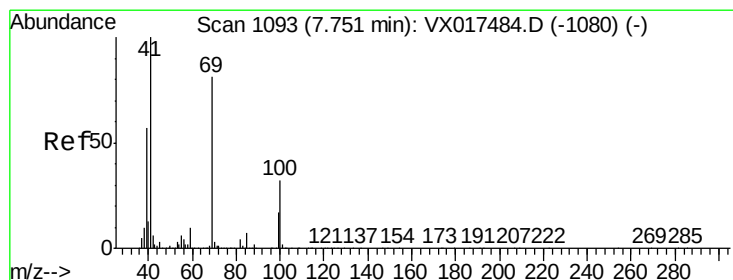
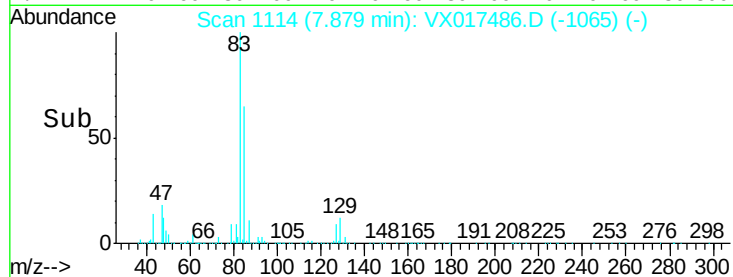
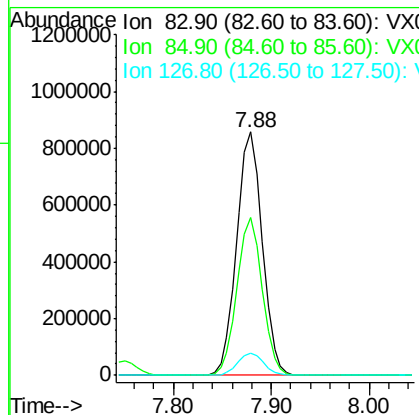
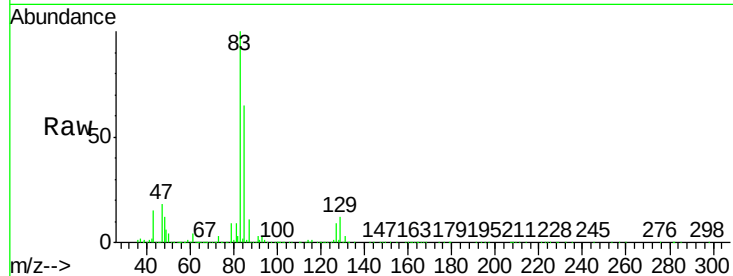
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	1560644
Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.6	74.4
127	9.3	7.4	11.2

Manual Integrations
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7/24/2020 1:00:56 PM



#48

Methyl methacrylate

Concen: 184.604 ug/l

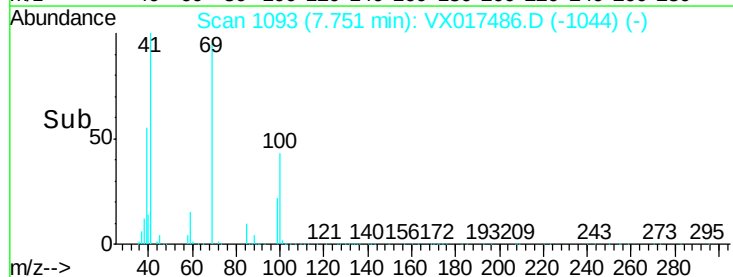
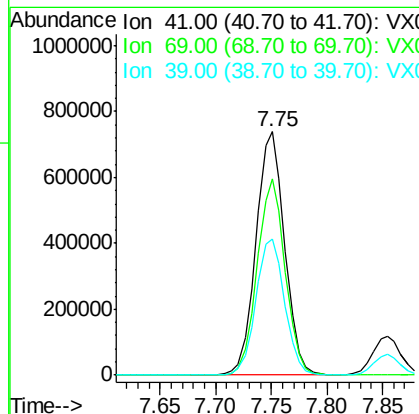
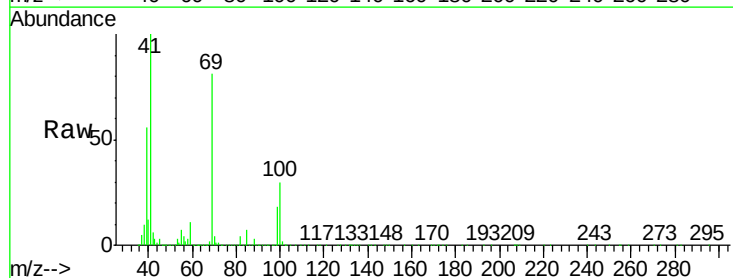
RT: 7.75 min Scan# 1093

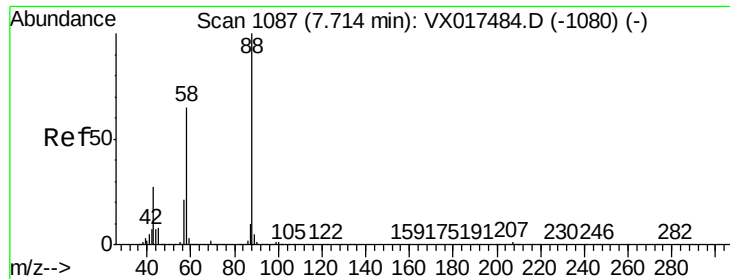
Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tgt Ion:	41	Resp:	1324380
Ion	Ratio	Lower	Upper
41	100		
69	78.9	64.3	96.5
39	56.4	46.8	70.2





#49

1,4-Dioxane

Concen: 3489.685 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

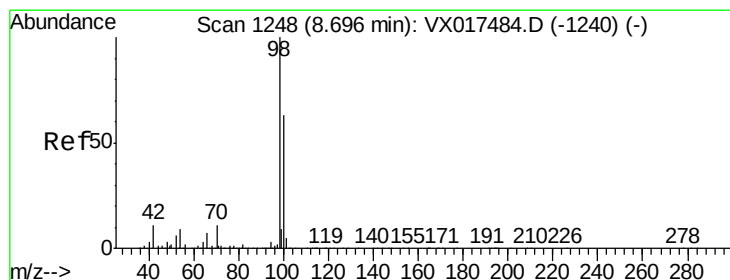
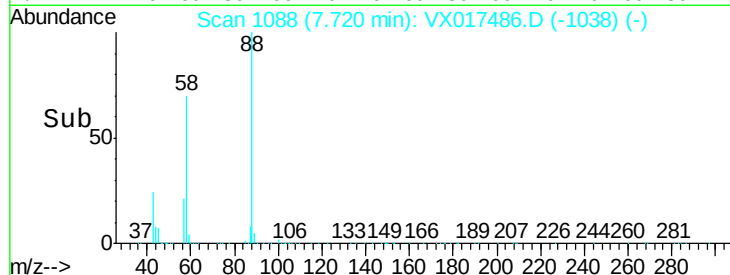
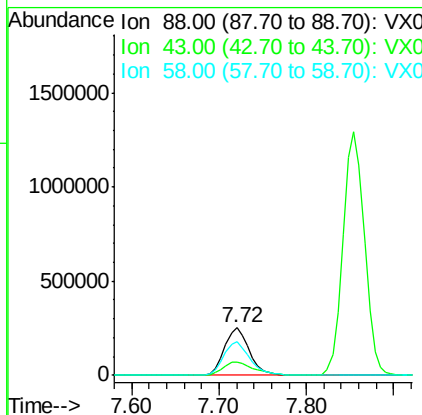
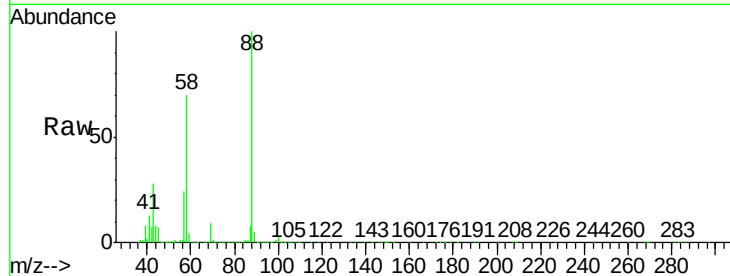
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	504397
Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.3	40.9
58	72.9	55.5	83.3

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#50

Toluene-d8

Concen: 144.914 ug/l

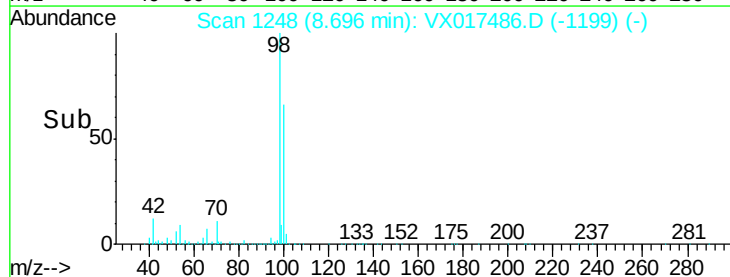
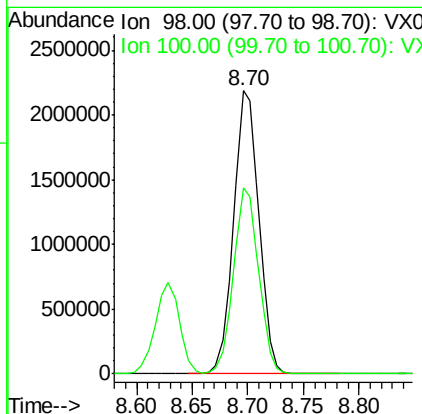
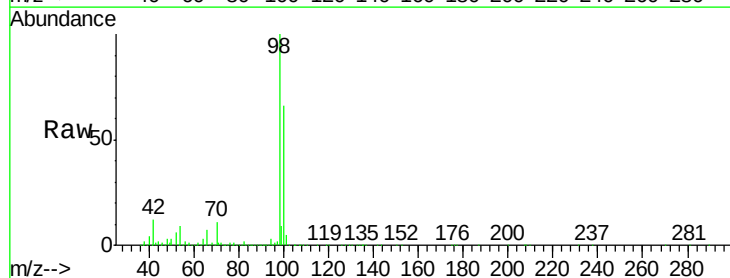
RT: 8.70 min Scan# 1248

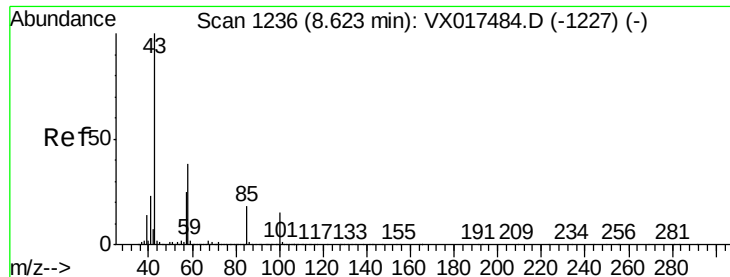
Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tgt Ion:	98	Resp:	3422588
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.4





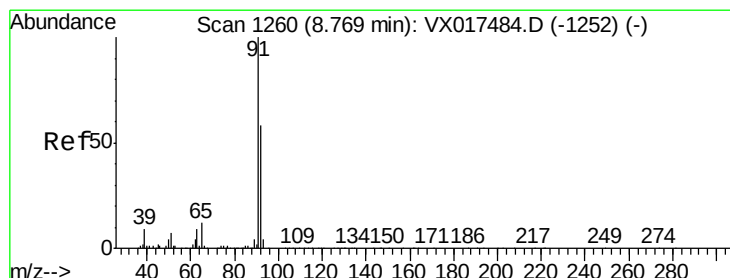
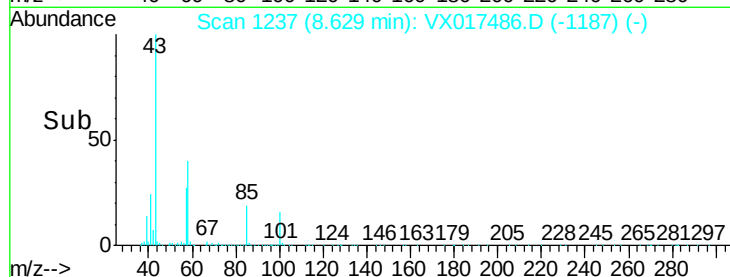
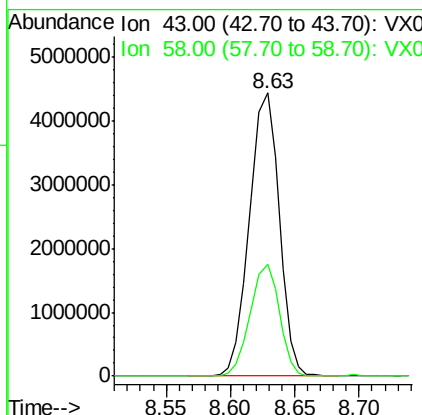
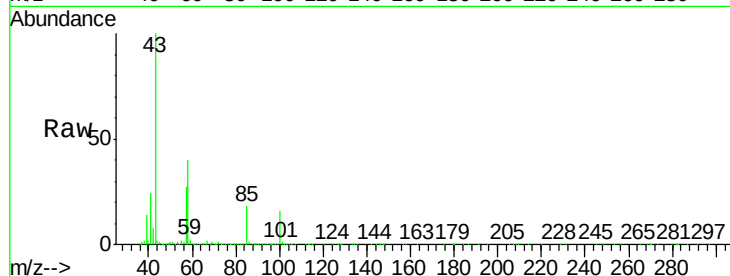
#51
4-Methyl-2-Pentanone
Concen: 771.739 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 7088677
Ion Ratio Lower Upper
43 100
58 38.7 30.6 46.0

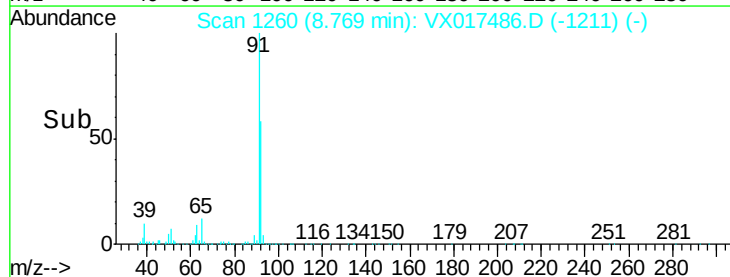
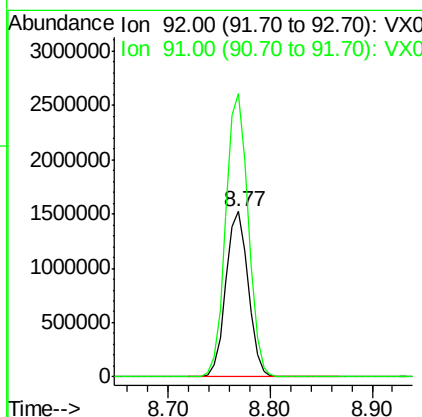
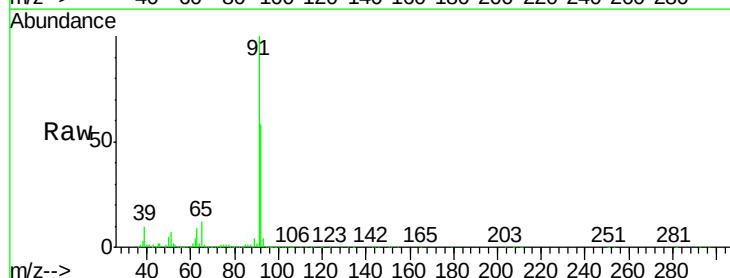
Manual Integrations
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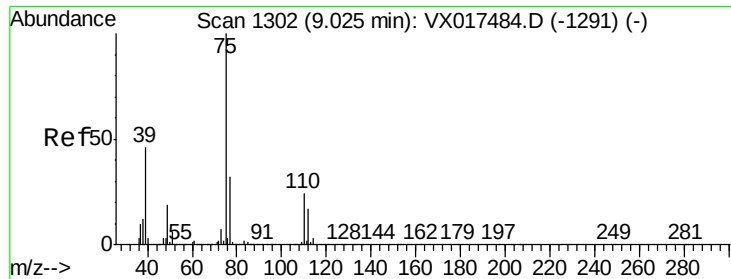
MMDadoda
7/24/2020 1:00:56 PM



#52
Toluene
Concen: 141.064 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 92 Resp: 2305266
Ion Ratio Lower Upper
92 100
91 172.0 138.5 207.7





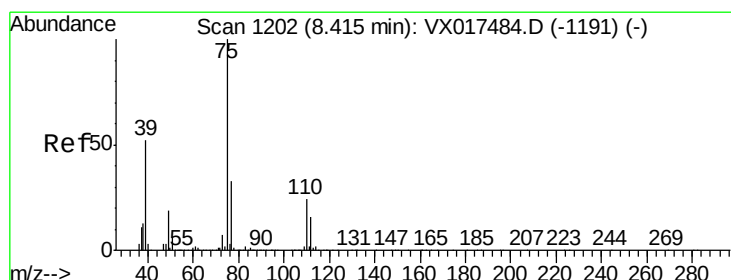
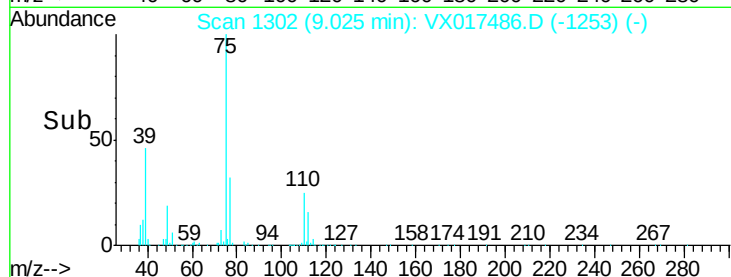
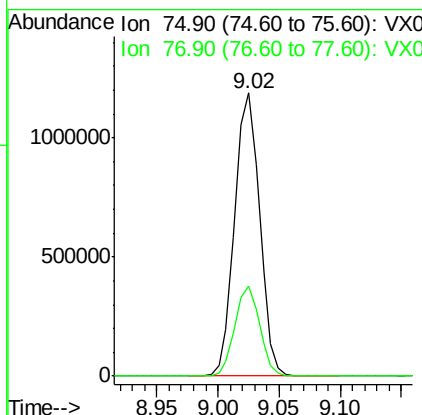
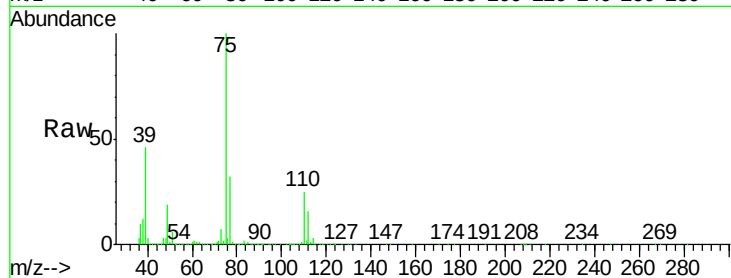
#53
t-1,3-Dichloropropene
Concen: 155.574 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 75 Resp: 1681422
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

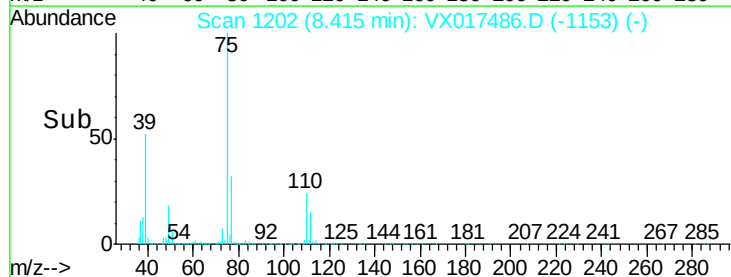
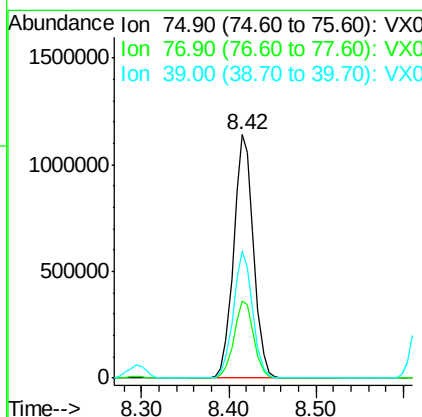
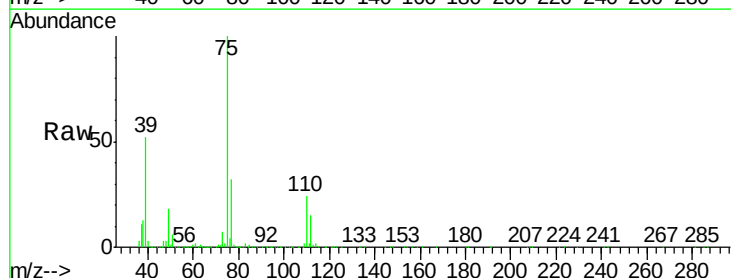
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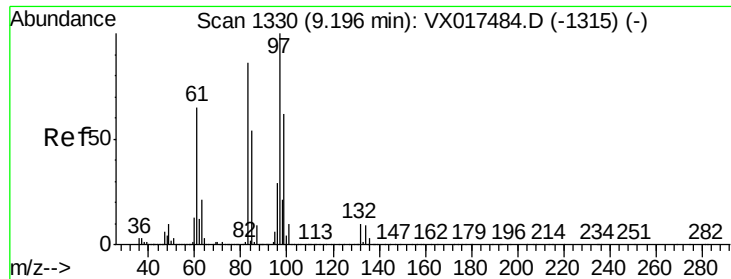
MMDadoda
7/24/2020 1:00:56 PM



#54
cis-1,3-Dichloropropene
Concen: 158.654 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 75 Resp: 1802260
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8
39 52.3 41.1 61.7





#55

1,1,2-Trichloroethane

Concen: 142.309 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

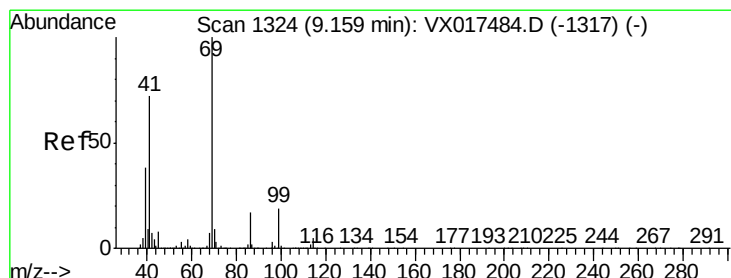
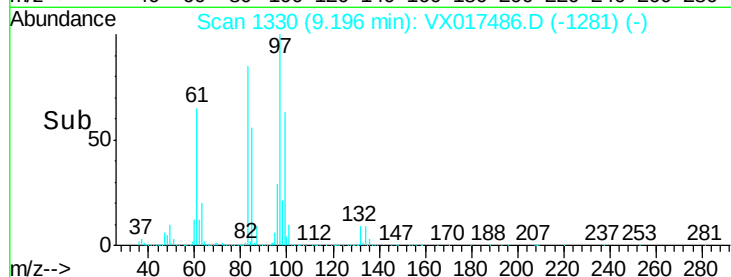
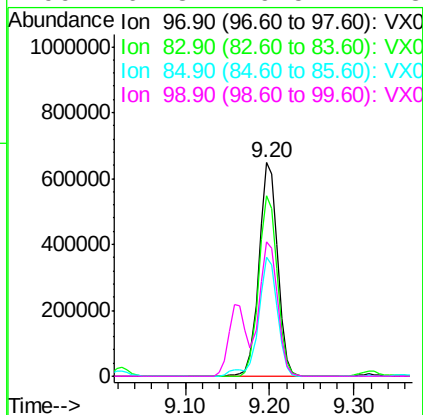
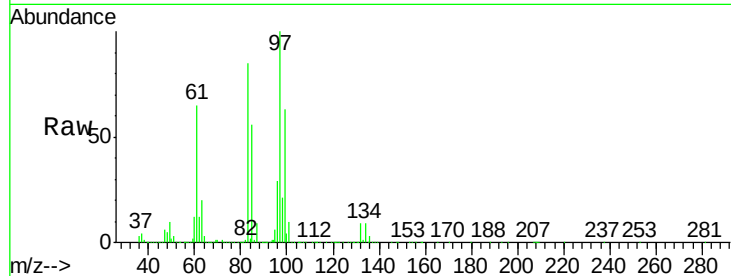
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		980457		
83	84.5	68.9	103.3		
85	55.8	43.6	65.4		
99	62.8	49.5	74.3		

Manual Integrations
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7/24/2020 1:00:56 PM



#56

Ethyl methacrylate

Concen: 159.255 ug/l

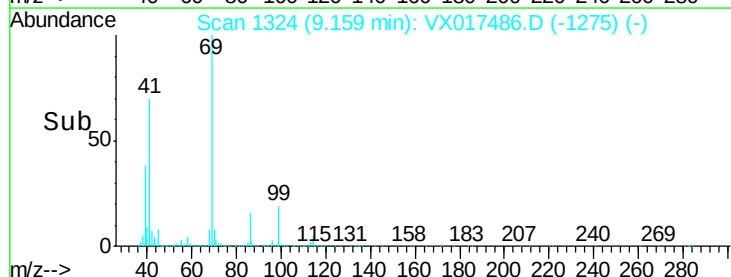
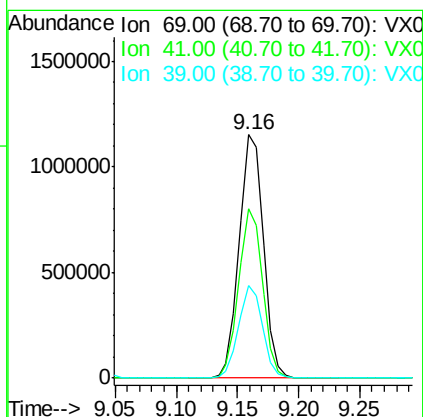
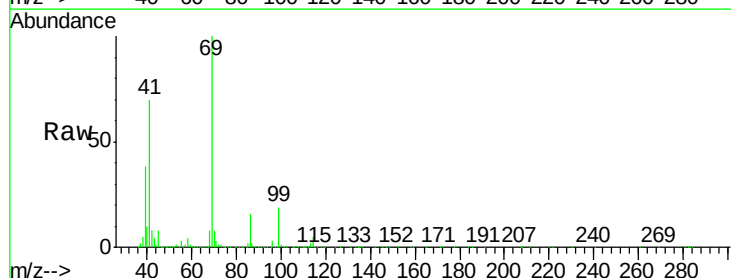
RT: 9.16 min Scan# 1324

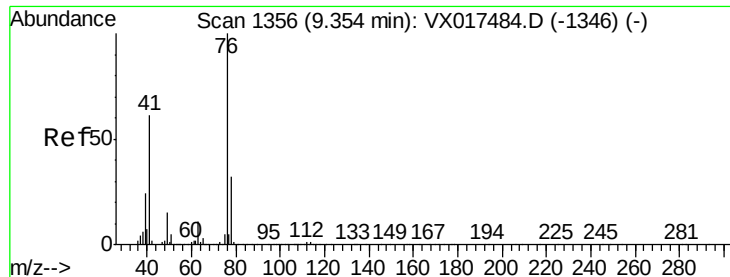
Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		1576945		
41	68.8	55.5	83.3		
39	37.5	30.4	45.6		





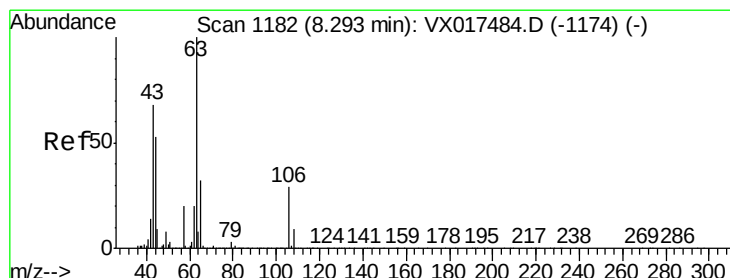
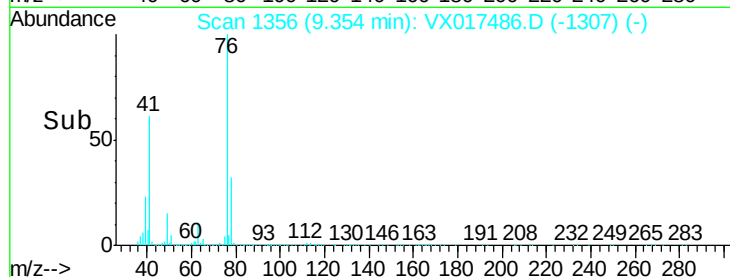
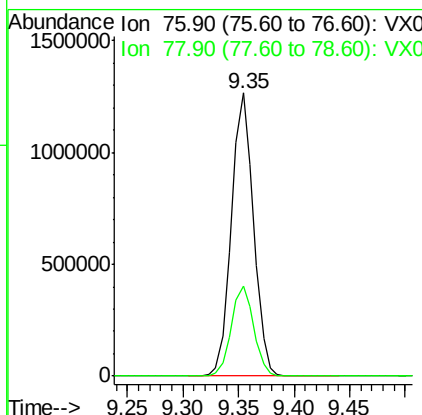
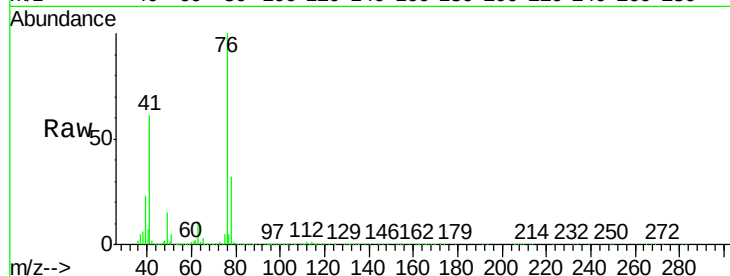
#57
 1,3-Dichloropropane
 Concen: 151.581 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion: 76 Resp: 1739603
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

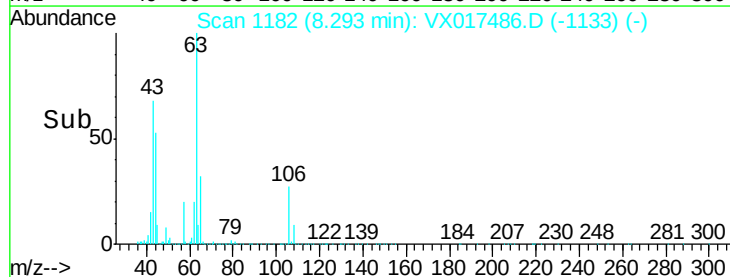
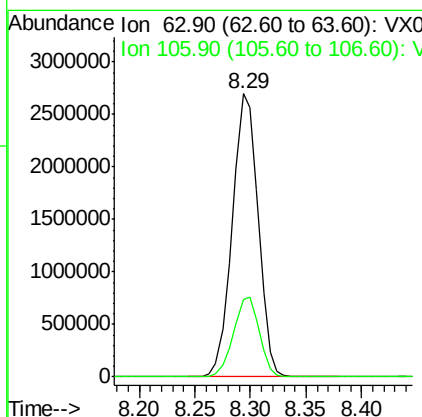
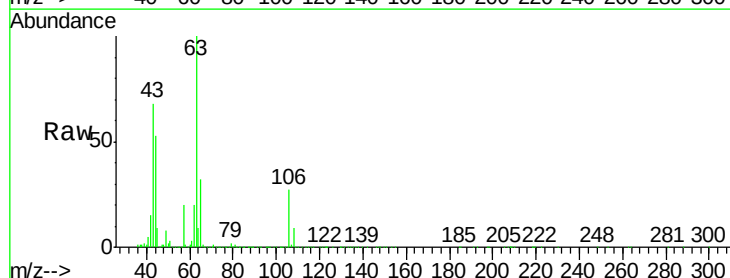
Manual Integrations
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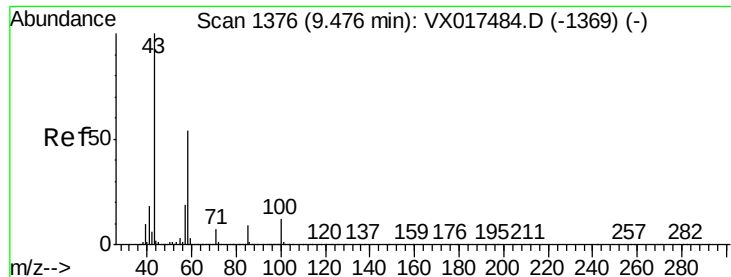
MMDadoda
 7/24/2020 1:00:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 861.921 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Tgt Ion: 63 Resp: 4326457
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.8 34.2





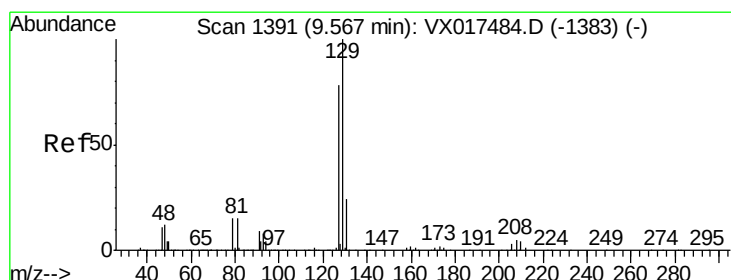
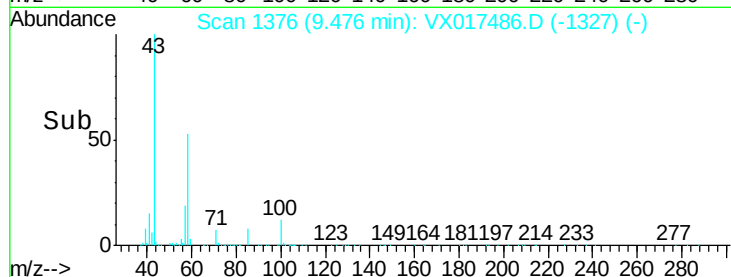
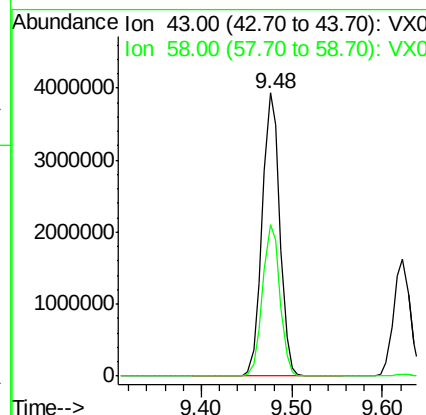
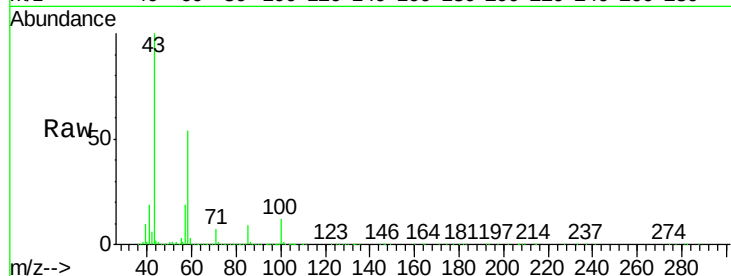
#59
2-Hexanone
Concen: 758.573 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 5284204
Ion Ratio Lower Upper
43 100
58 53.2 26.3 78.8

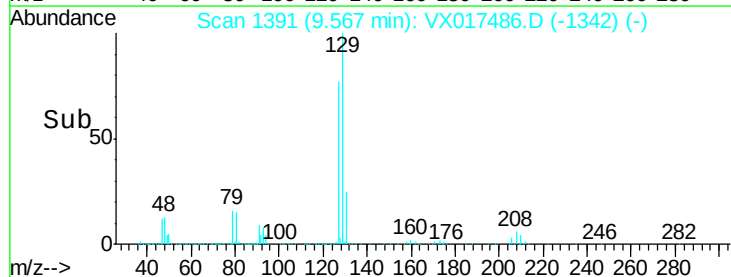
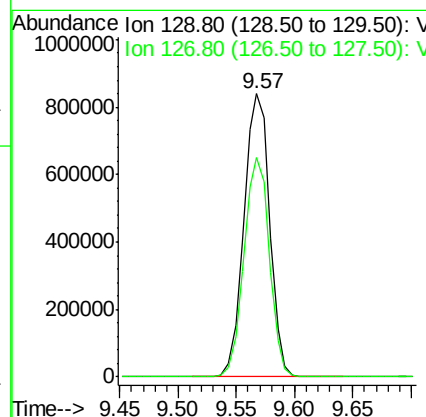
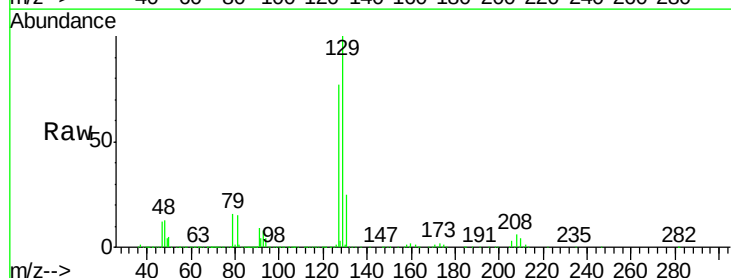
Manual Integrations
APPROVED

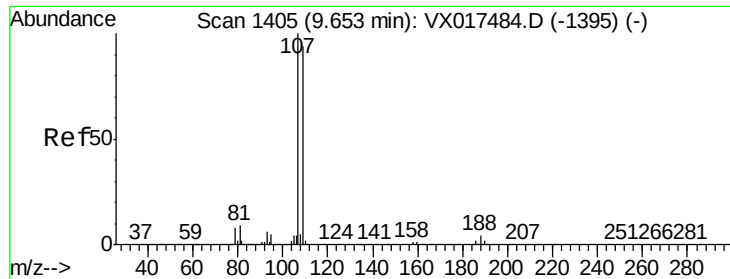
MMDadoda
7/24/2020 1:00:56 PM



#60
Dibromochloromethane
Concen: 152.687 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 129 Resp: 1292301
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7





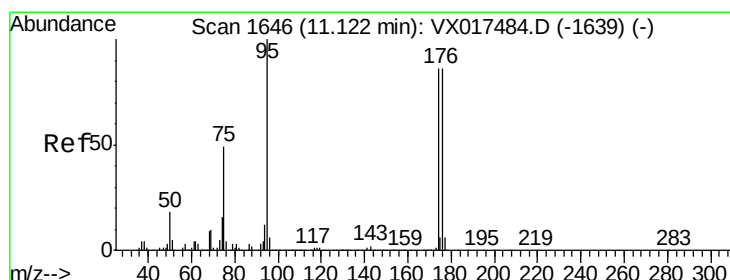
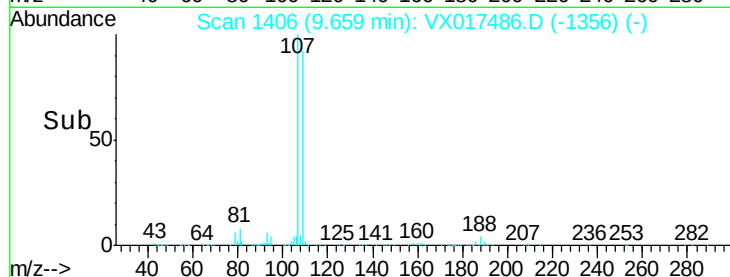
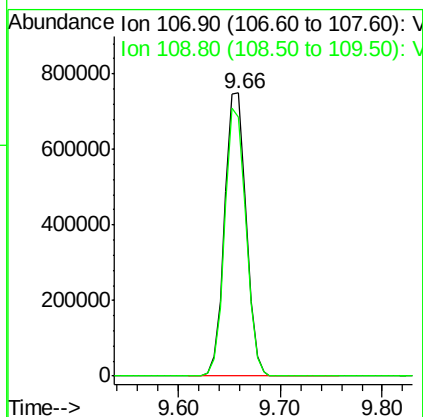
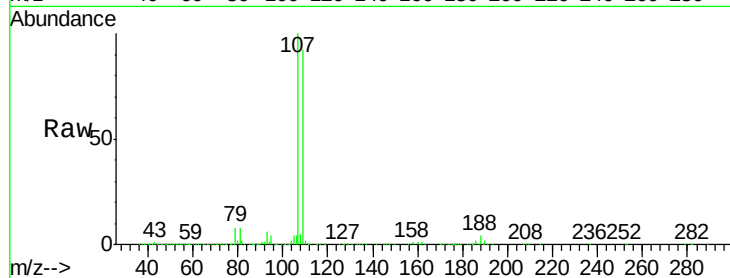
#61
 1,2-Dibromoethane
 Concen: 146.016 ug/l
 RT: 9.66 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:107 Resp: 1096754
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.0 112.6

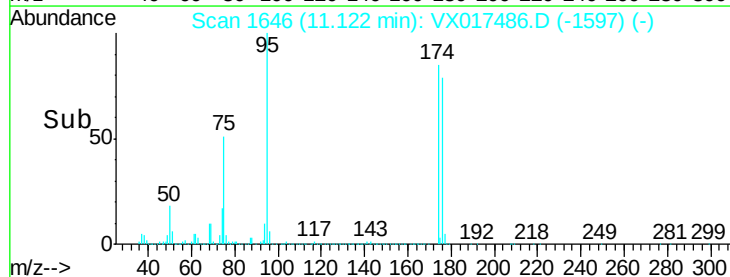
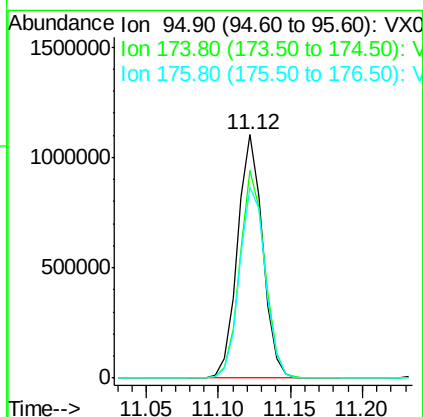
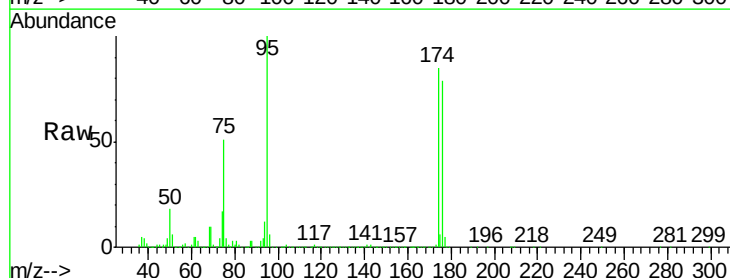
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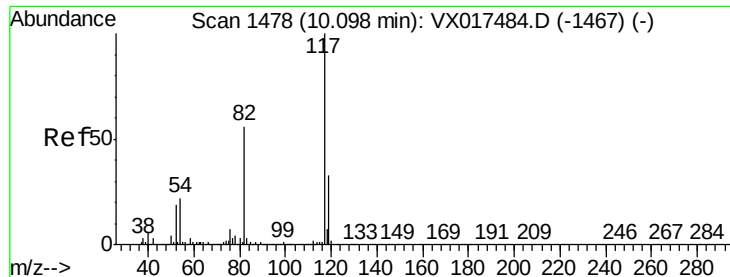
MMDadoda
 7/24/2020 1:00:56 PM



#62
 4-Bromofluorobenzene
 Concen: 144.171 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Tgt Ion: 95 Resp: 1337633
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 169.2
 176 80.5 0.0 167.2





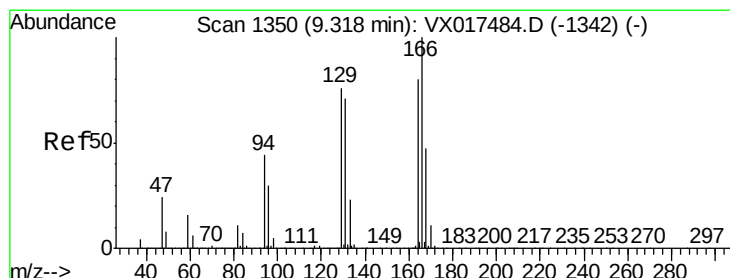
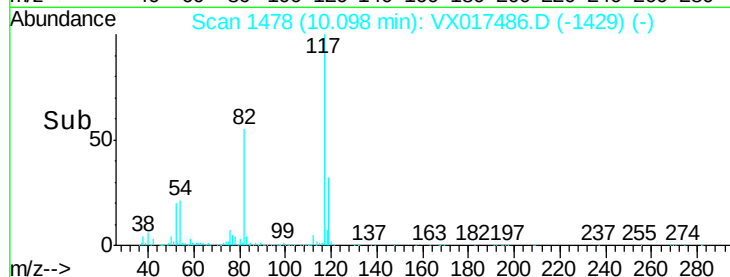
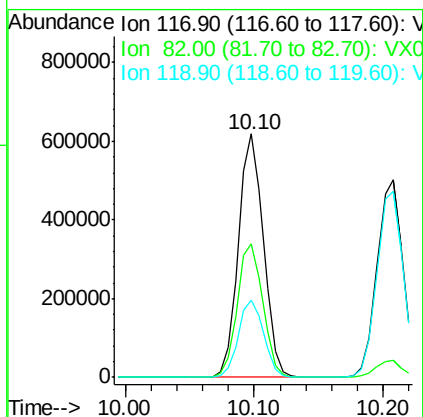
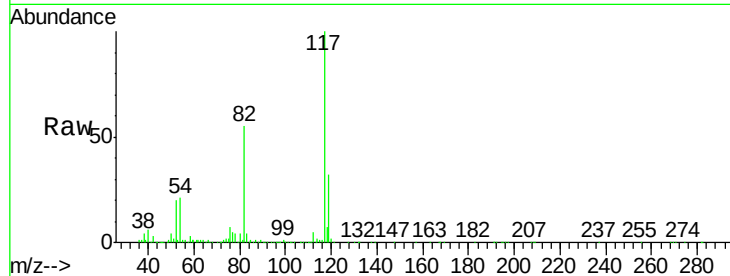
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	31.7	26.6	39.8

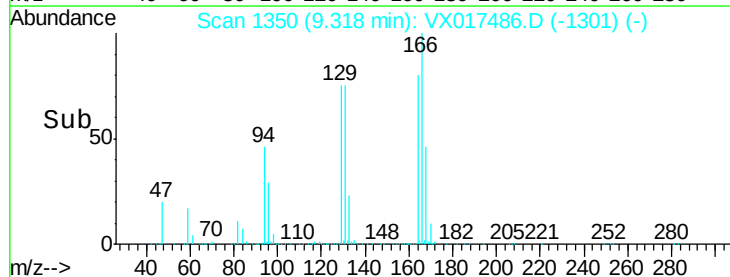
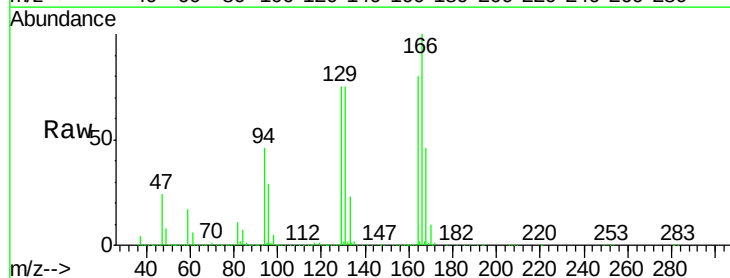
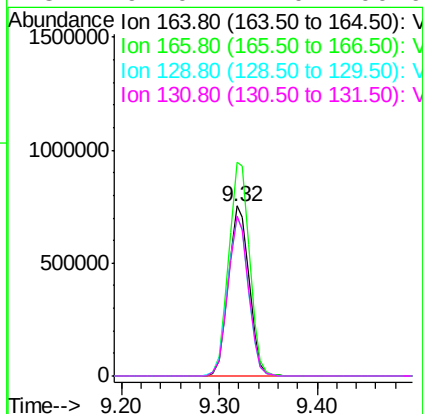
Manual Integrations
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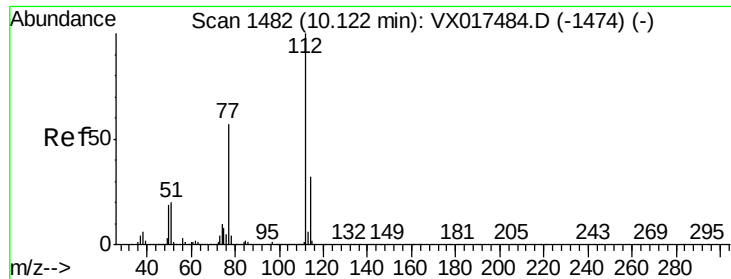
MMDadoda
7/24/2020 1:00:56 PM



#64
Tetrachloroethene
Concen: 153.745 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.2	150.4
129	93.8	75.8	113.6
131	94.0	71.0	106.6





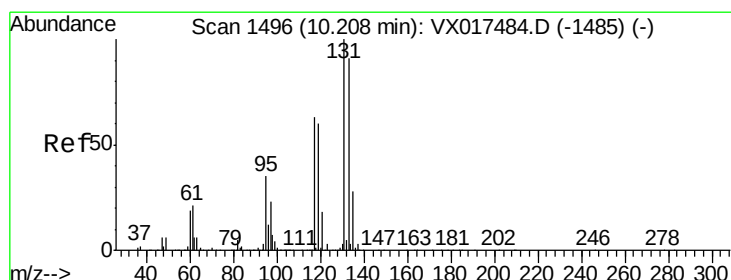
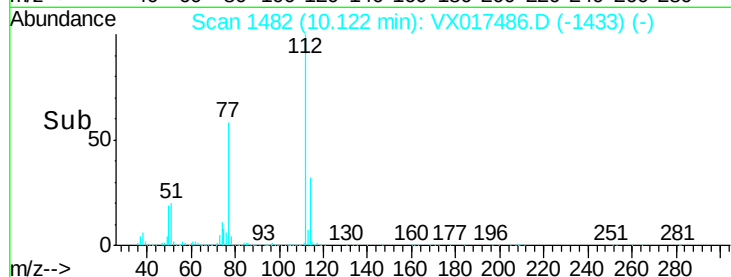
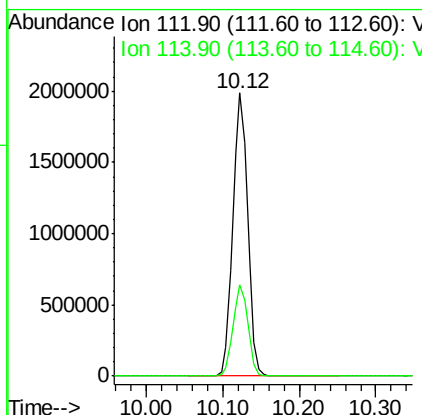
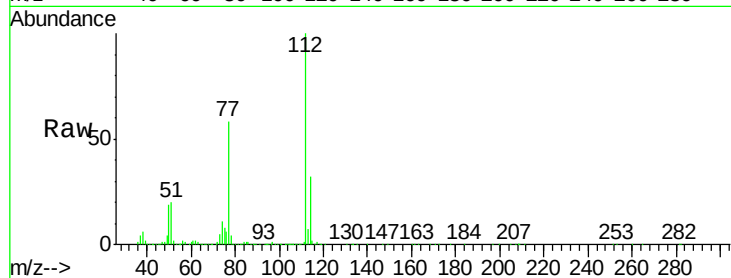
#65
Chlorobenzene
Concen: 156.165 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2663161
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

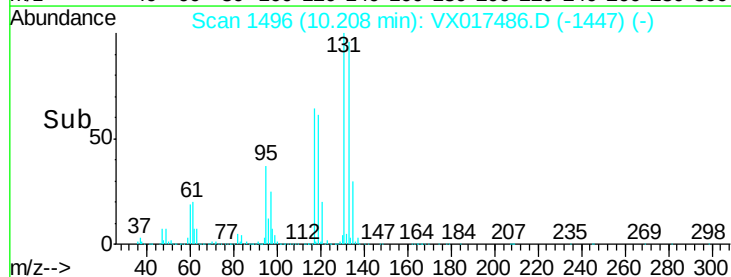
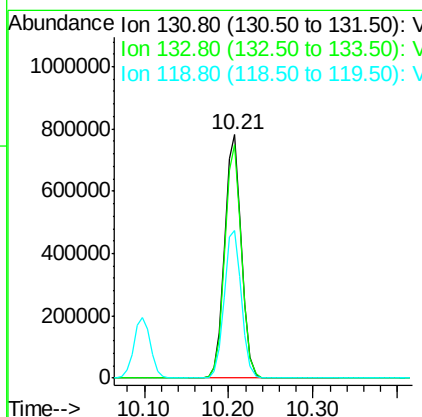
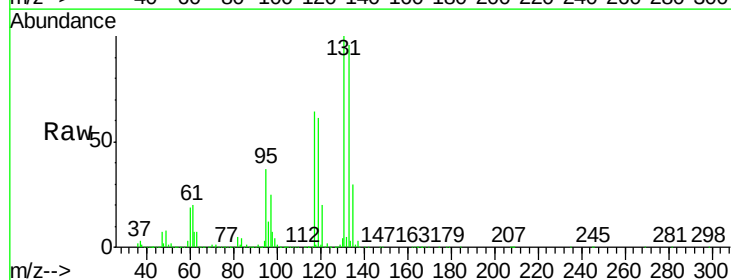
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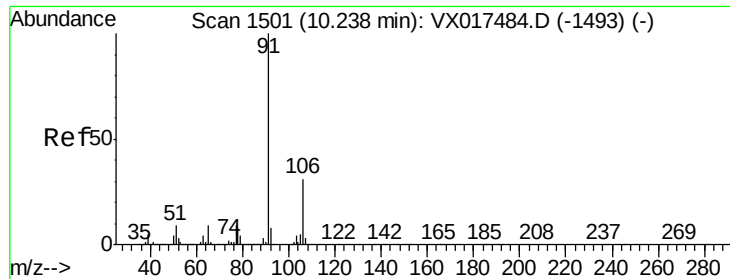
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 157.731 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion:131 Resp: 1070273
Ion Ratio Lower Upper
131 100
133 95.7 46.9 140.7
119 62.2 30.9 92.8





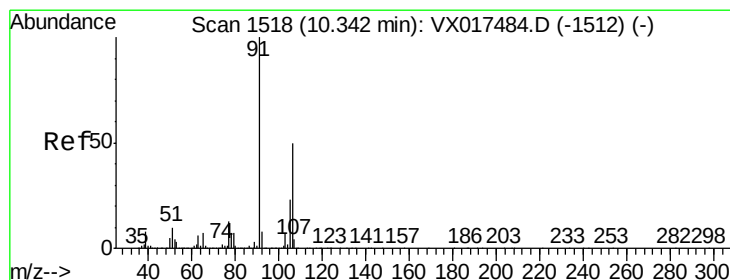
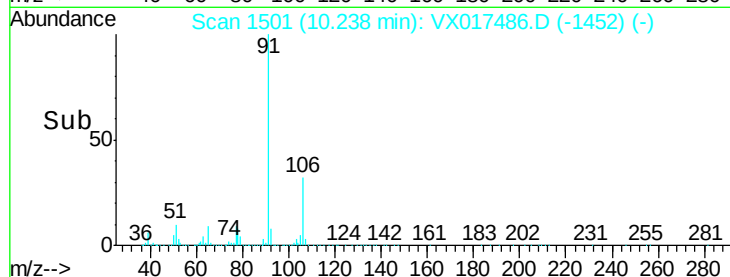
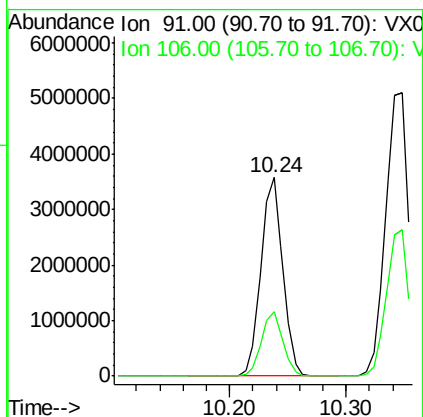
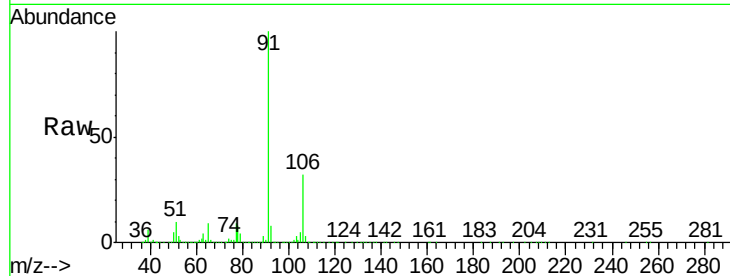
#67
Ethyl Benzene
Concen: 164.420 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 4647255
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

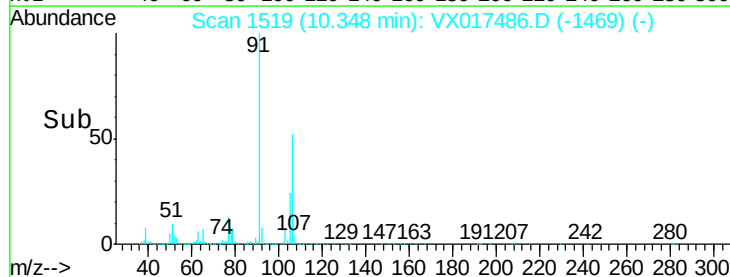
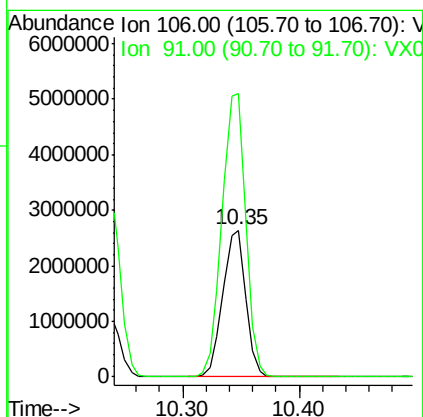
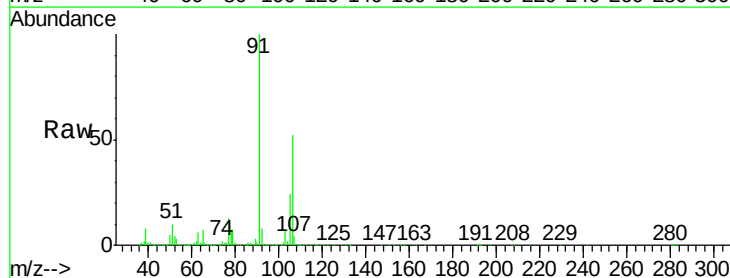
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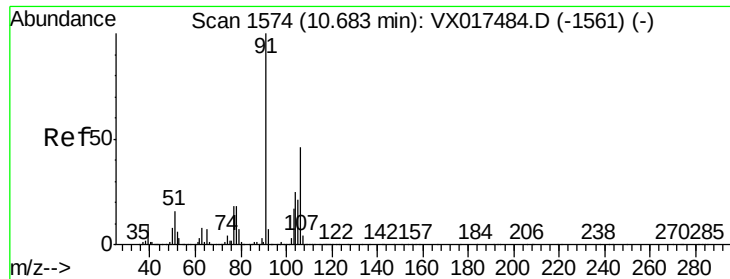
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#68
m/p-Xylenes
Concen: 331.744 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 106 Resp: 3582037
Ion Ratio Lower Upper
106 100
91 201.1 163.4 245.2





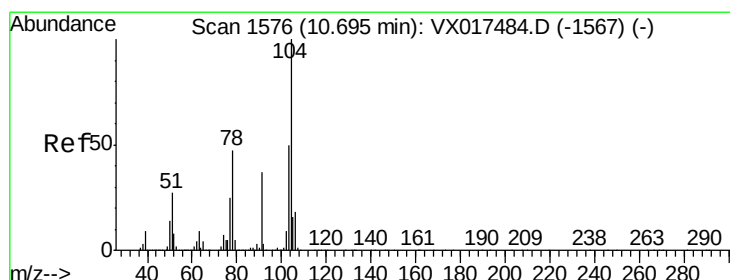
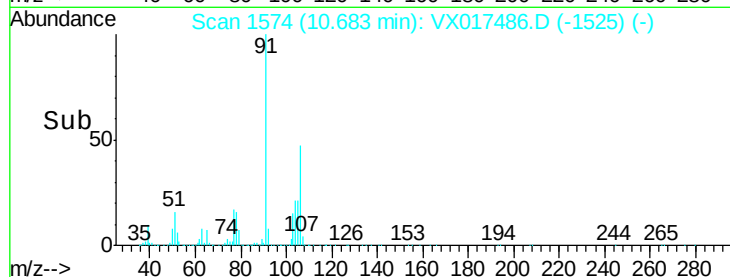
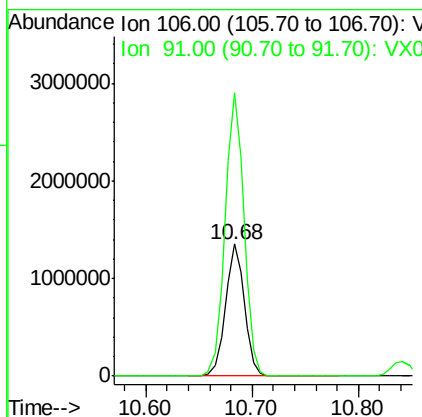
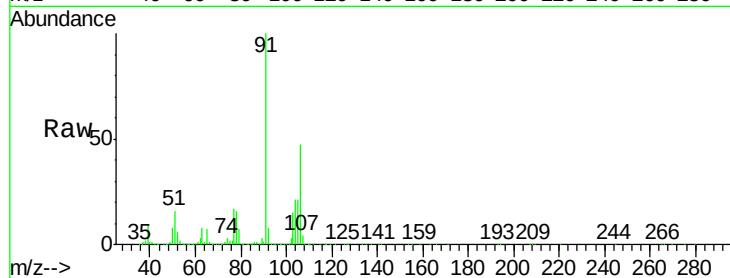
#69
o-Xylene
Concen: 161.853 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1669728
Ion Ratio Lower Upper
106 100
91 216.4 107.6 322.8

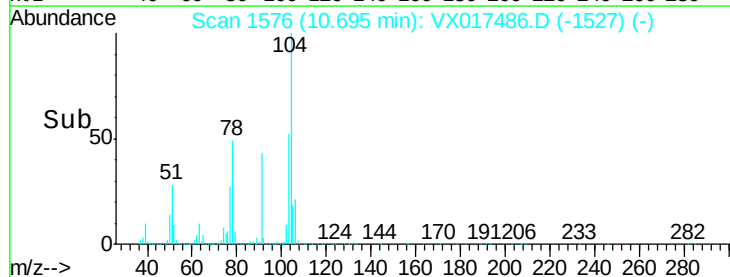
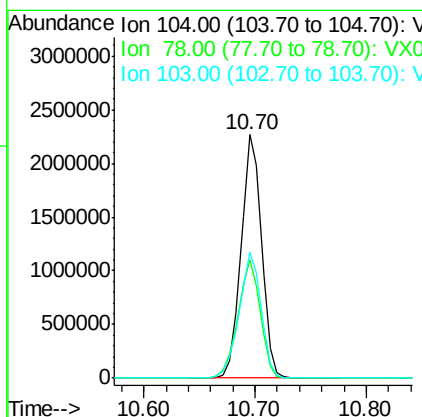
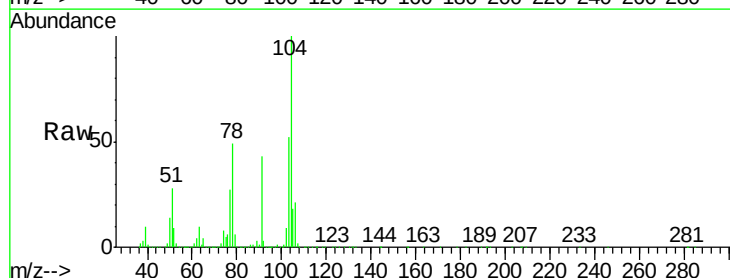
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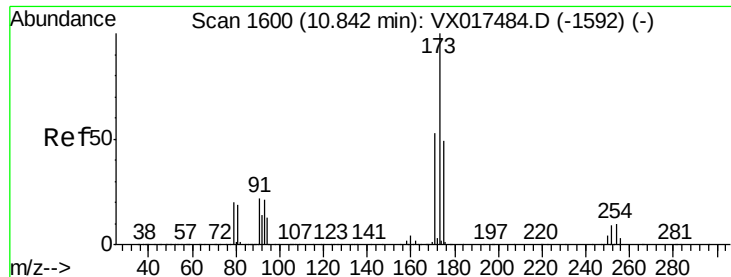
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#70
Styrene
Concen: 162.395 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion:104 Resp: 2881341
Ion Ratio Lower Upper
104 100
78 53.1 41.4 62.2
103 55.4 43.5 65.3





#71

Bromoform

Concen: 165.718 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 956426

Ion Ratio Lower Upper

173 100

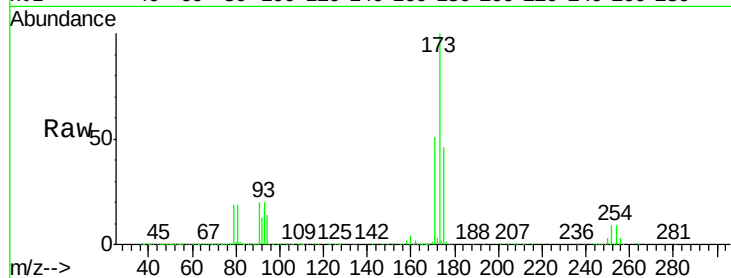
175 47.7 24.6 73.6

254 0.1 0.1 0.1

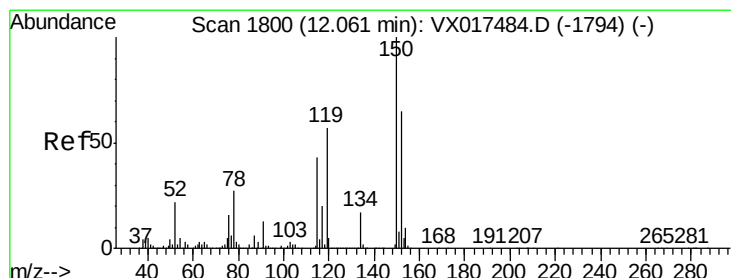
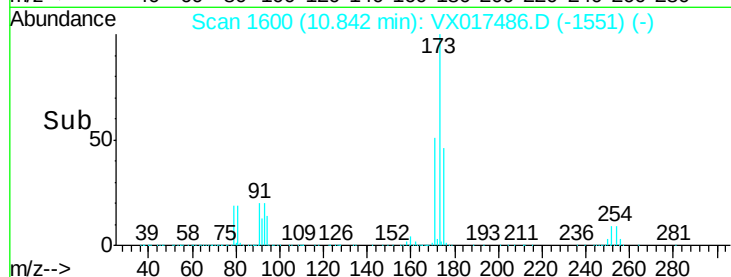
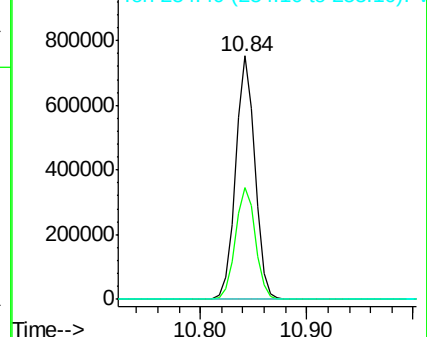
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

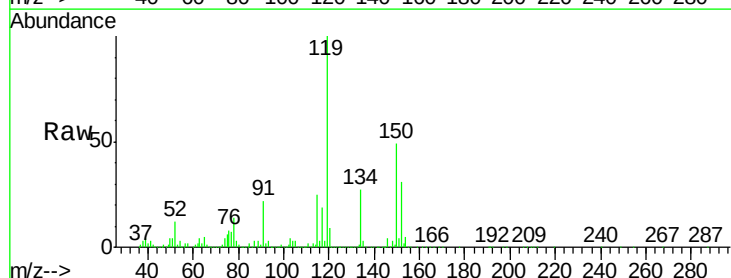
Tgt Ion:152 Resp: 445295

Ion Ratio Lower Upper

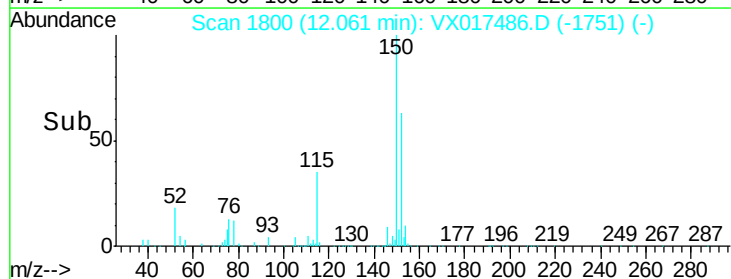
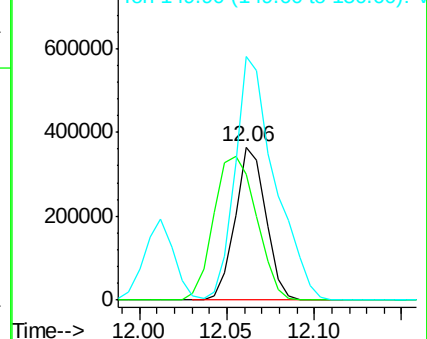
152 100

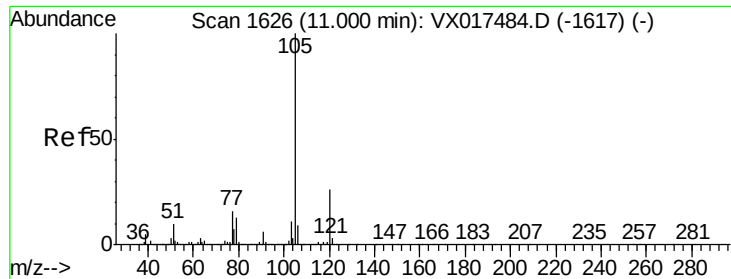
115 131.1 41.9 125.6#

150 206.3 0.0 348.6



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: 165.655 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 4651002

Ion Ratio Lower Upper

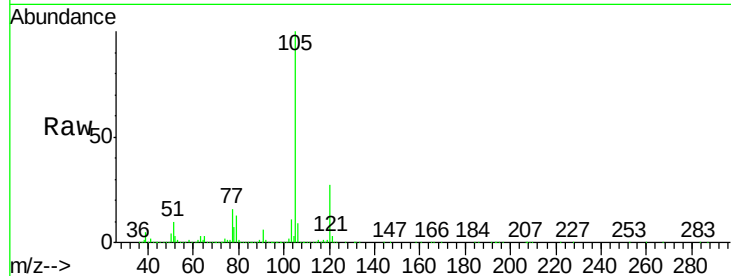
105 100

120 26.5 13.2 39.6

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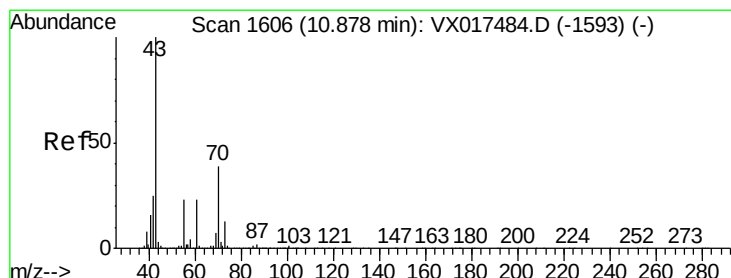
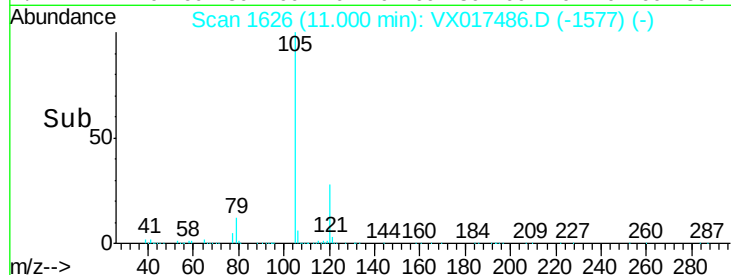
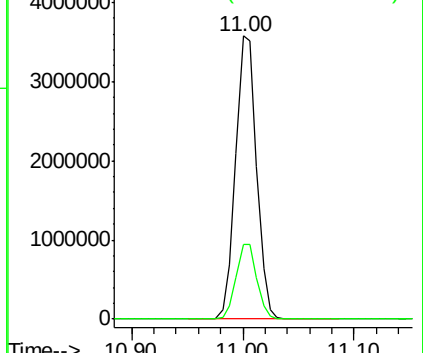
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 180.411 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tgt Ion: 43 Resp: 2090138

Ion Ratio Lower Upper

43 100

70 40.4 32.2 48.2

55 23.0 18.6 27.8

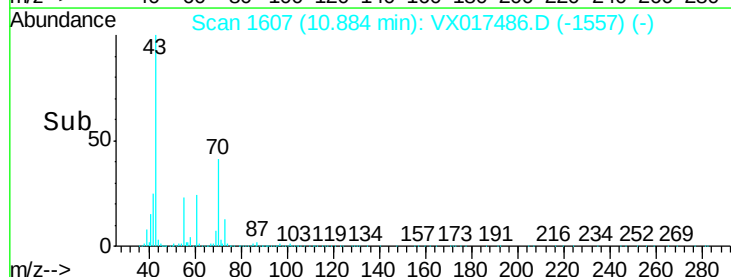
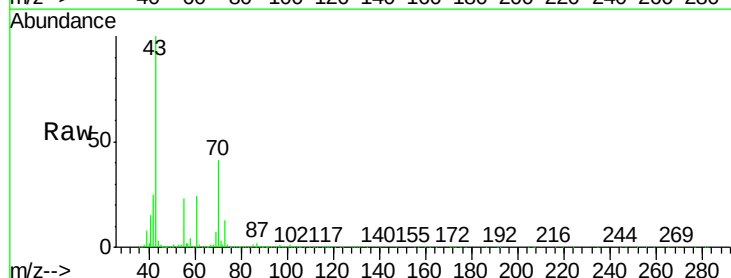
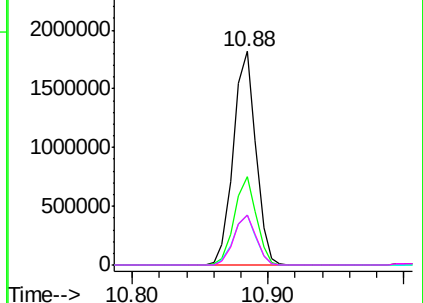
61 23.3 18.9 28.3

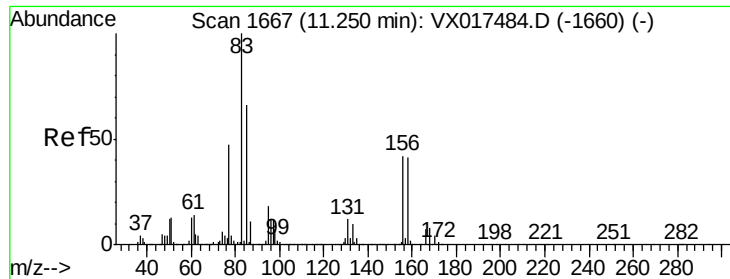
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 163.234 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 83 Resp: 1397987

Ion Ratio Lower Upper

83 100

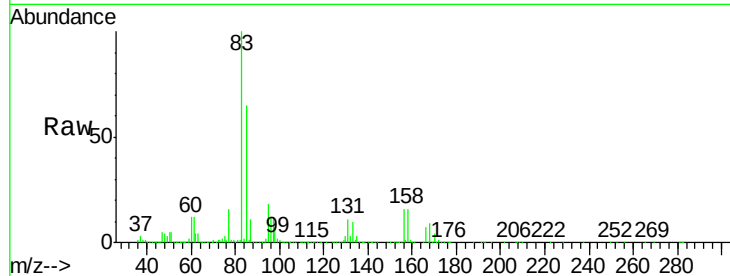
131 11.0 5.9 17.6

85 64.2 32.6 97.8

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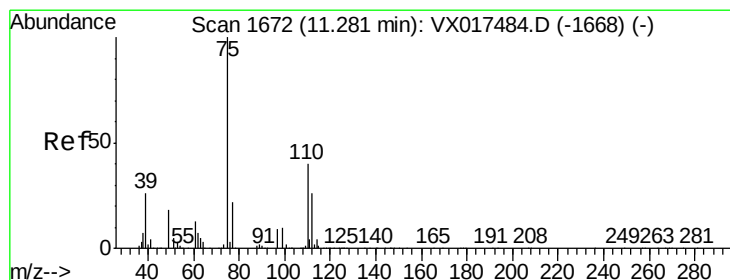
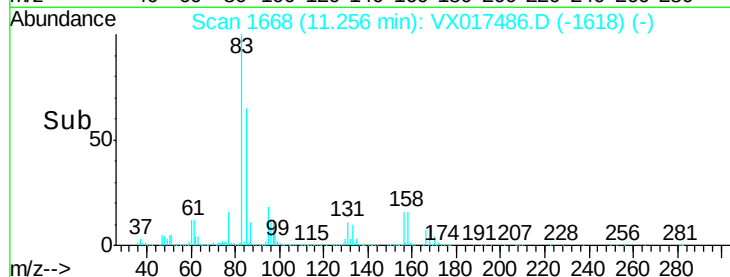
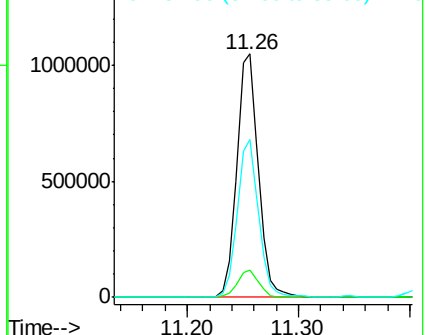
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 155.070 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017486.D

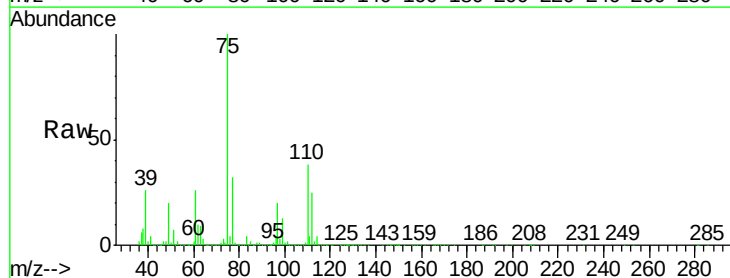
Acq: 23 Jul 2020 12:00

Tgt Ion: 75 Resp: 1295231

Ion Ratio Lower Upper

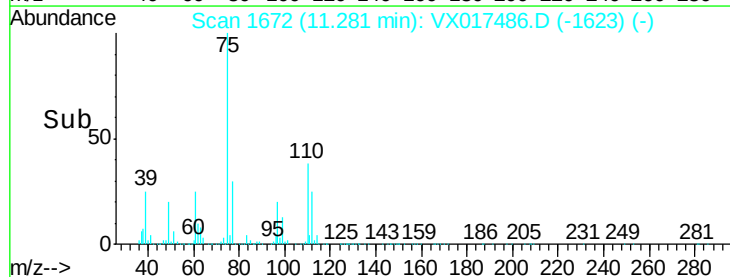
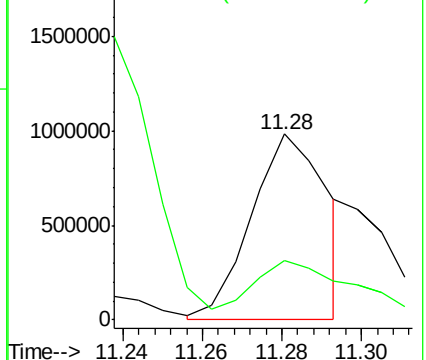
75 100

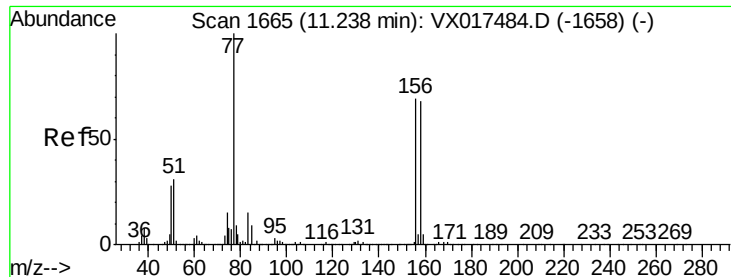
77 43.5 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 154.374 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1235324

Ion Ratio Lower Upper

156 100

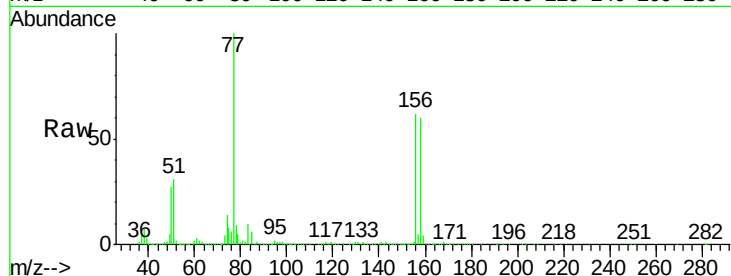
77 150.0 73.2 219.5

158 98.2 49.0 147.0

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MMDadoda

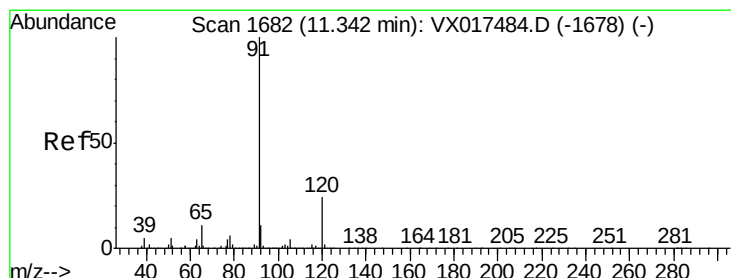
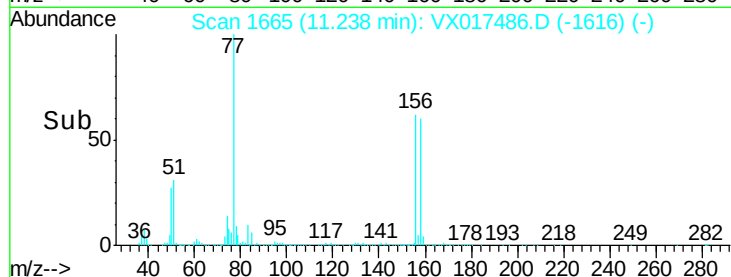
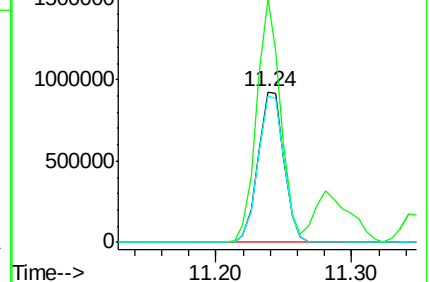
7/24/2020 1:00:56 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 168.333 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017486.D

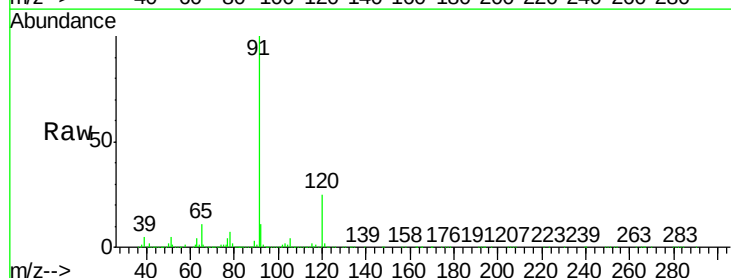
Acq: 23 Jul 2020 12:00

Tgt Ion: 91 Resp: 5293805

Ion Ratio Lower Upper

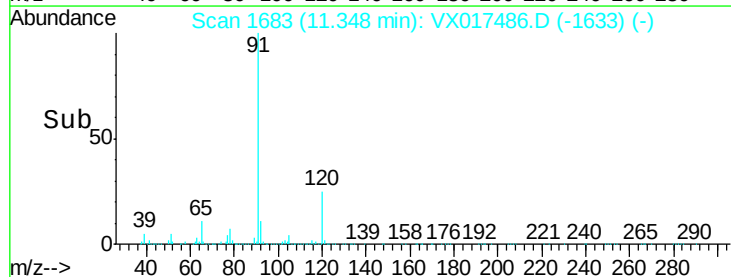
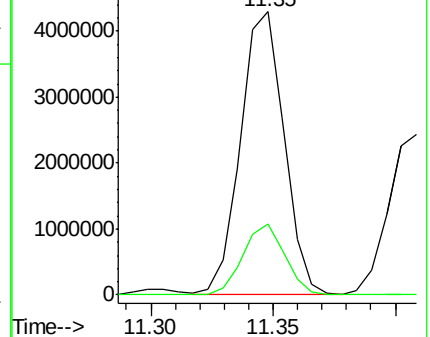
91 100

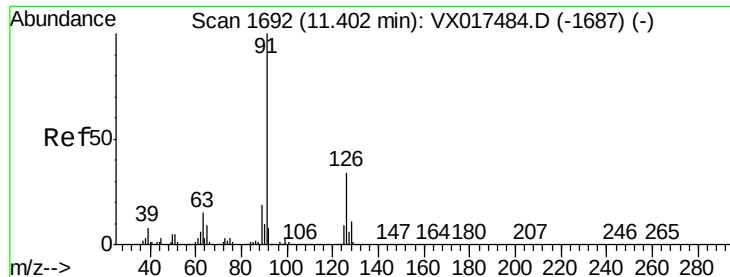
120 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 160.329 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3116404

Ion Ratio Lower Upper

91 100

126 35.0

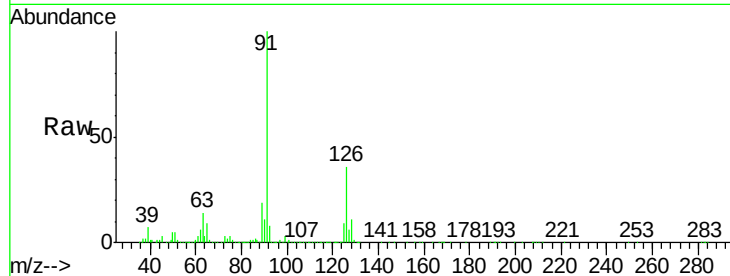
17.2

51.5

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Abundance Ion 91.00 (90.70 to 91.70): VX017486.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017486.D (-1687) (-)

5000000

4000000

3000000

2000000

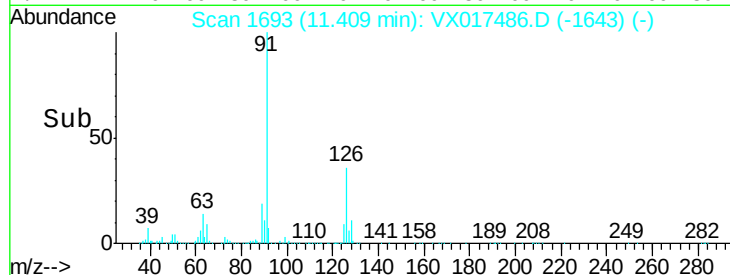
1000000

0

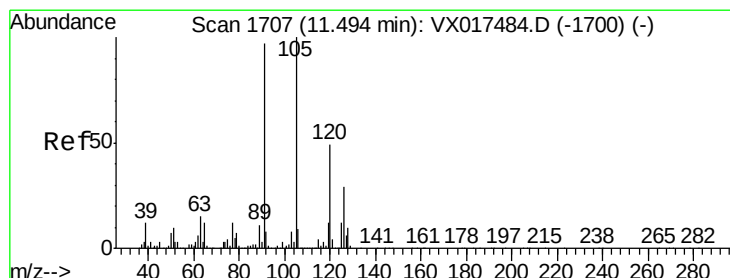
11.35

11.40

11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 169.040 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017486.D

Acq: 23 Jul 2020 12:00

Tgt Ion: 105 Resp: 4054911

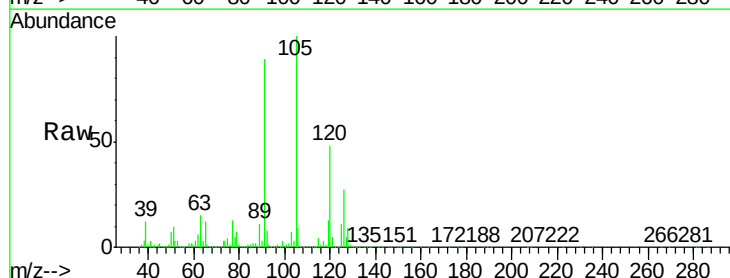
Ion Ratio Lower Upper

105 100

120 48.2

24.2

72.6



Abundance Ion 105.00 (104.70 to 105.70): VX017486.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX017486.D (-1658) (-)

3000000

2000000

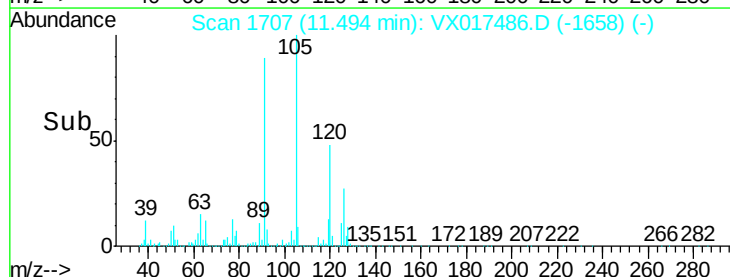
1000000

0

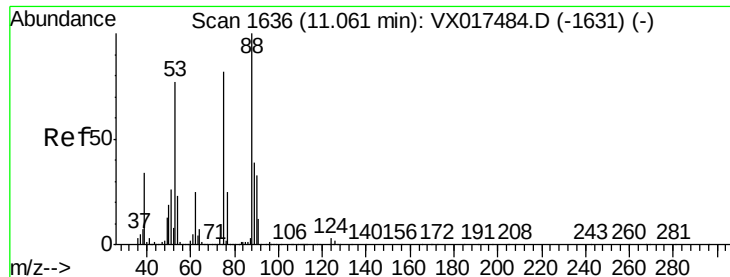
11.40

11.50

11.60



Time-->



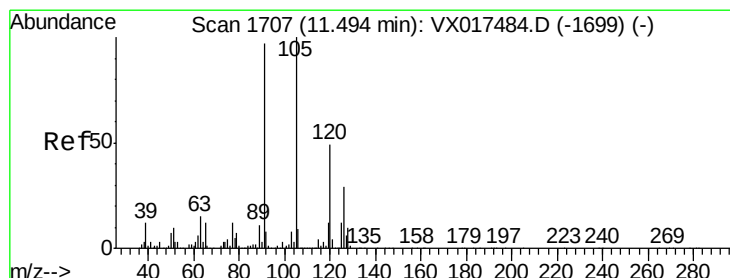
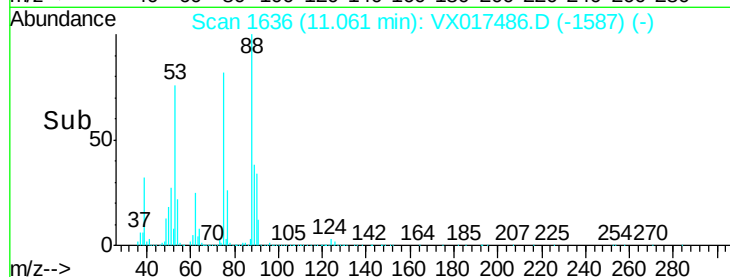
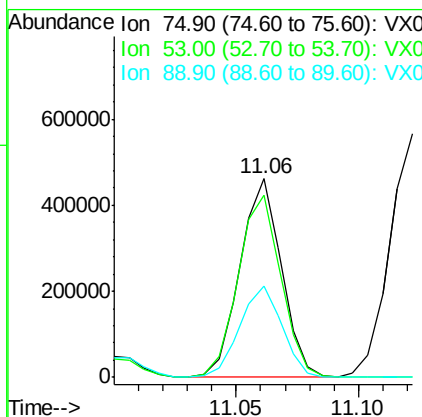
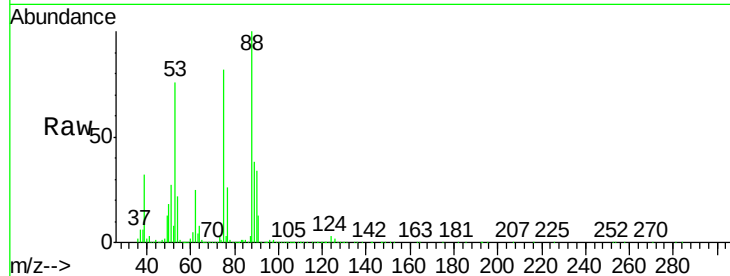
#81
trans-1,4-Dichloro-2-butene
Concen: 163.934 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.9	78.2	117.2
89	47.2	38.1	57.1

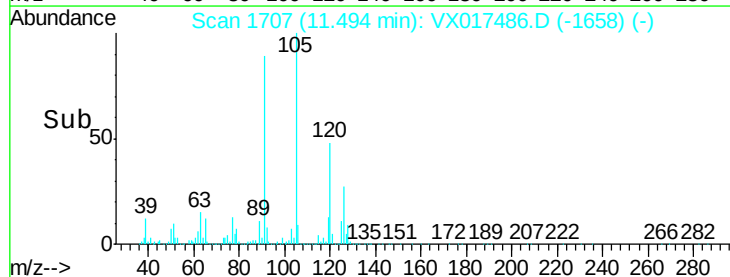
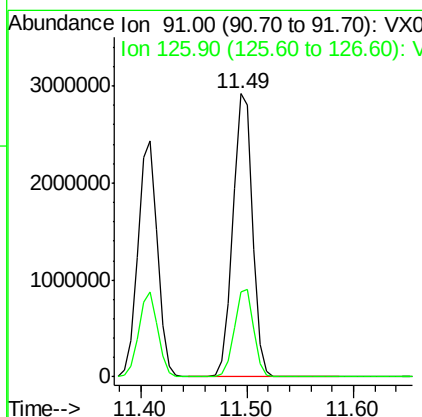
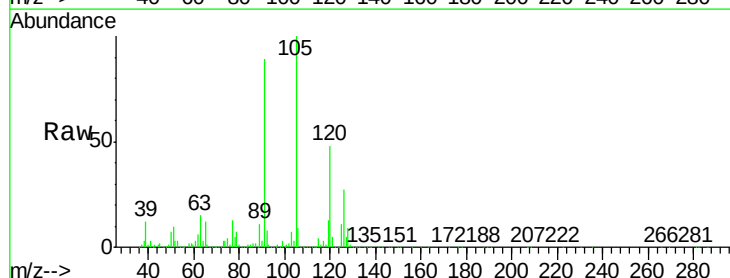
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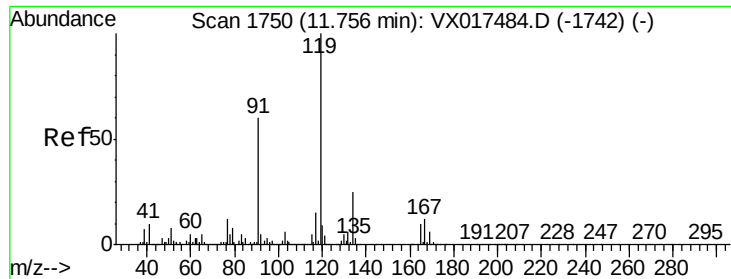
MMDadoda
7/24/2020 1:00:56 PM



#82
4-Chlorotoluene
Concen: 164.468 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.5





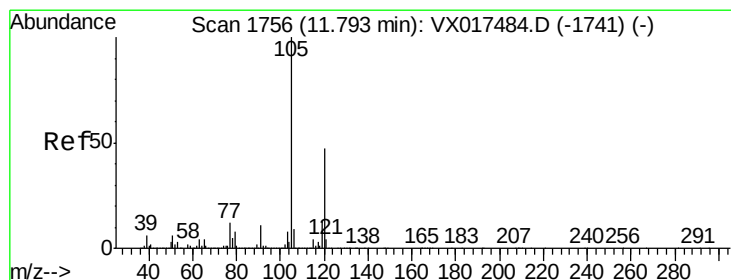
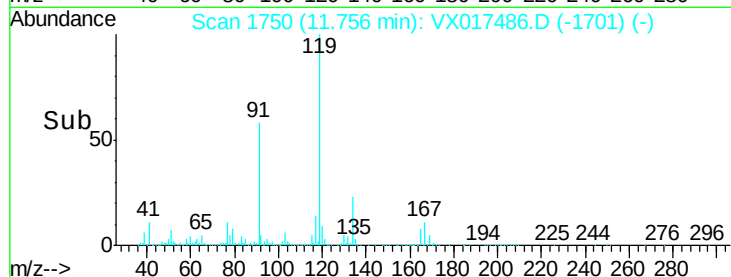
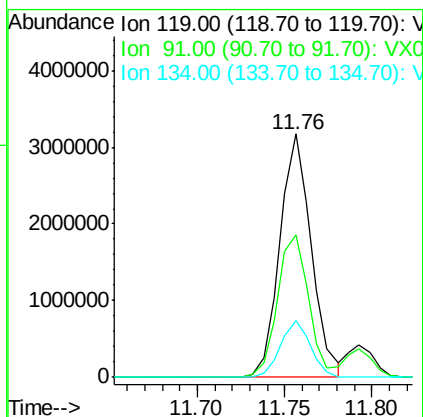
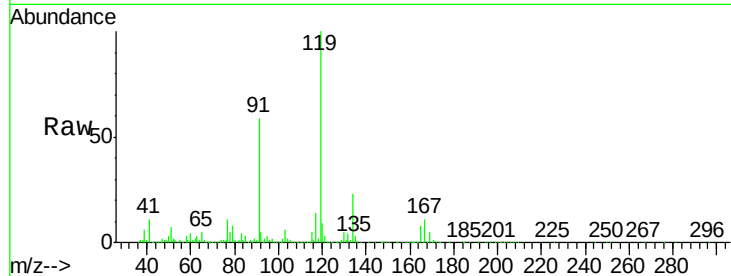
#83
 tert-Butylbenzene
 Concen: 172.439 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 3980264
 Ion Ratio Lower Upper
 119 100
 91 58.7 29.0 87.0
 134 22.4 11.4 34.1

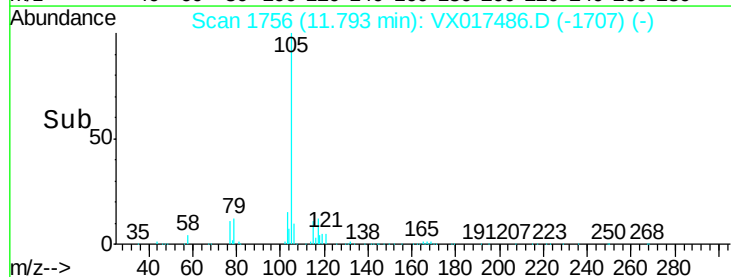
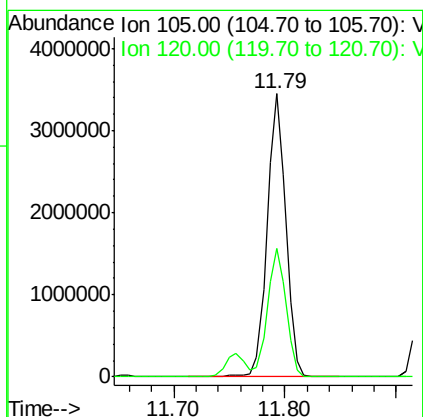
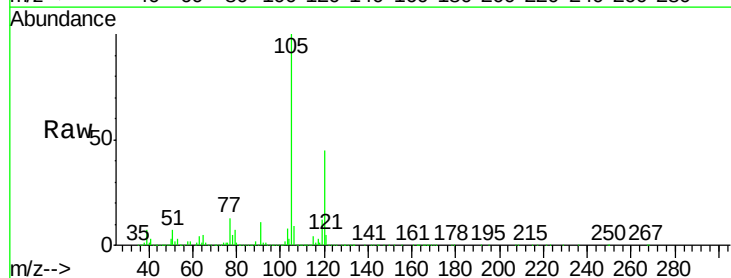
Manual Integrations
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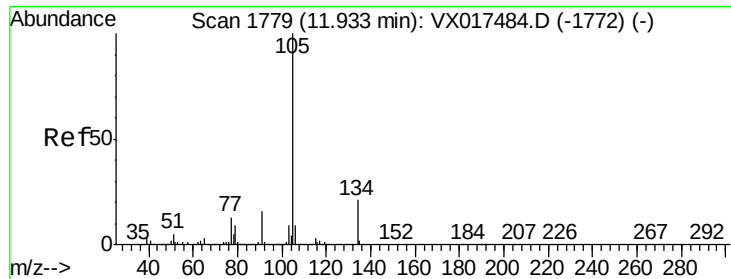
MMDadoda
 7/24/2020 1:00:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 167.884 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Tgt Ion:105 Resp: 4051188
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9





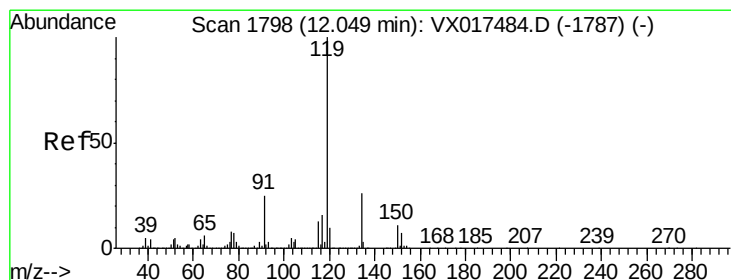
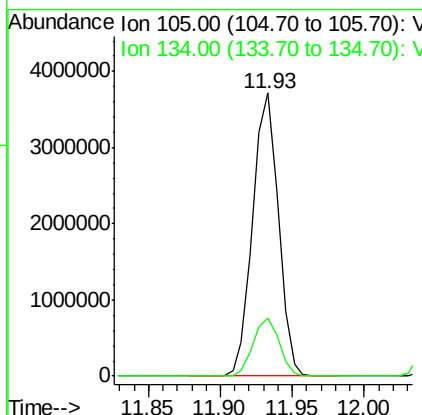
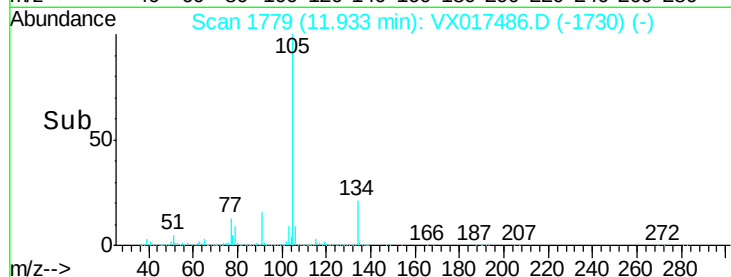
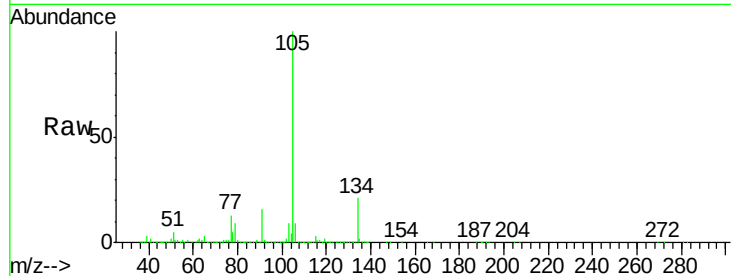
#85
 sec-Butylbenzene
 Concen: 169.017 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 4557845
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

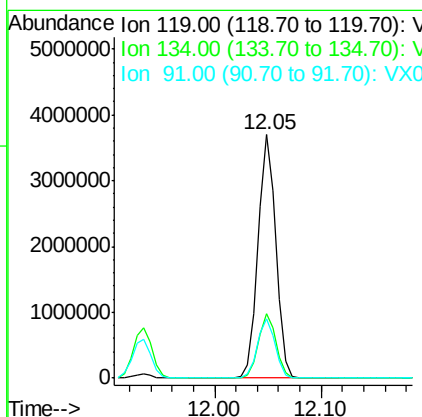
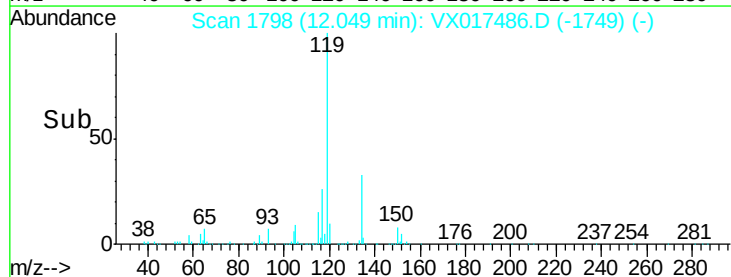
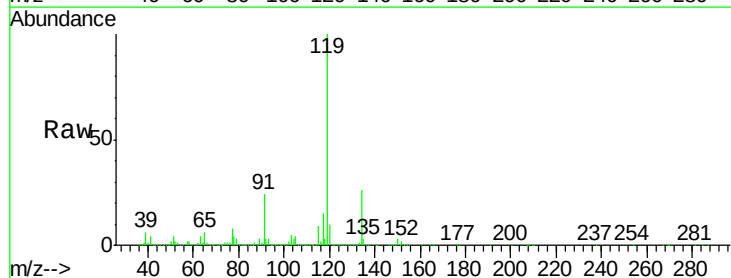
Manual Integrations
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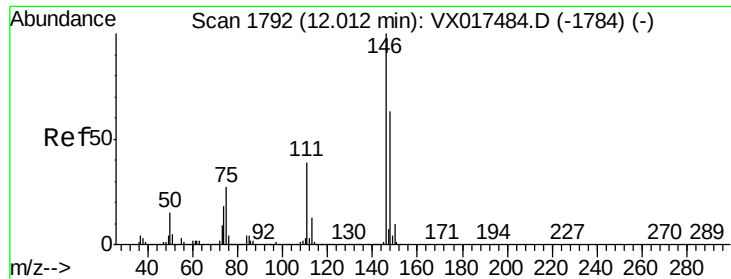
MMDadoda
 7/24/2020 1:00:56 PM



#86
 p-Isopropyltoluene
 Concen: 169.798 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Tgt Ion:119 Resp: 4341840
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.2 12.3 36.8





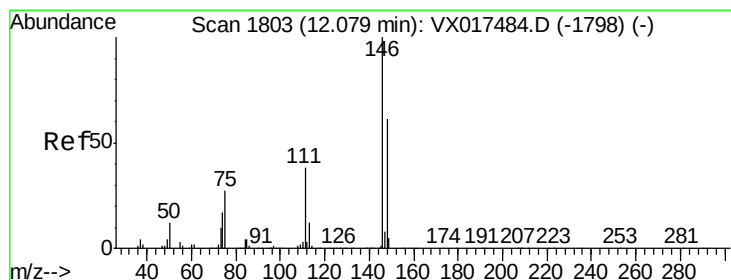
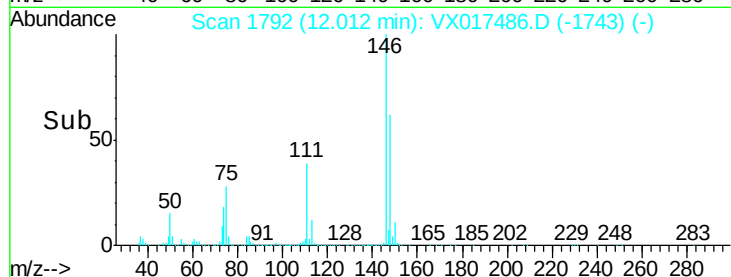
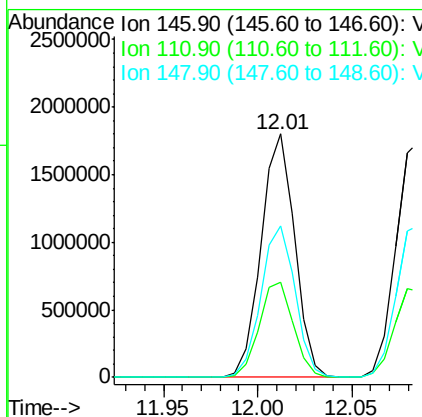
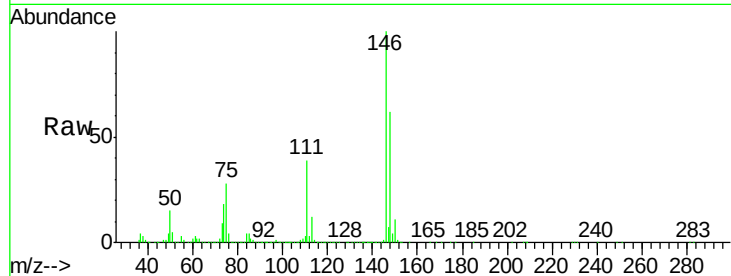
#87
 1,3-Dichlorobenzene
 Concen: 155.711 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	63.3	31.6	95.0

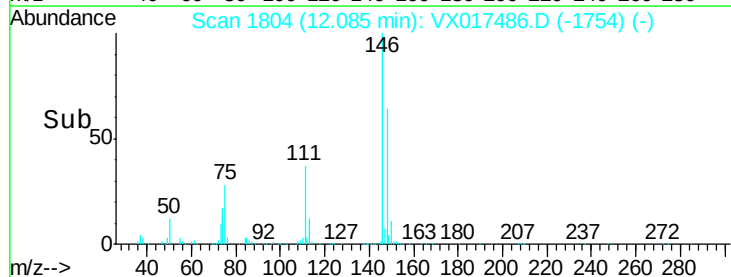
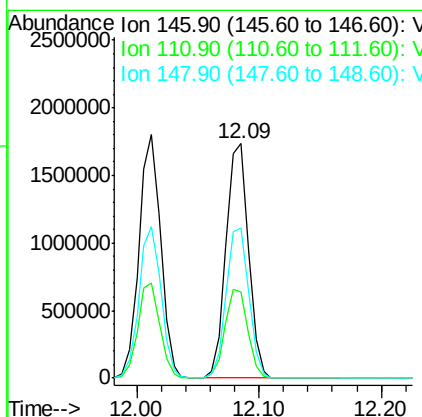
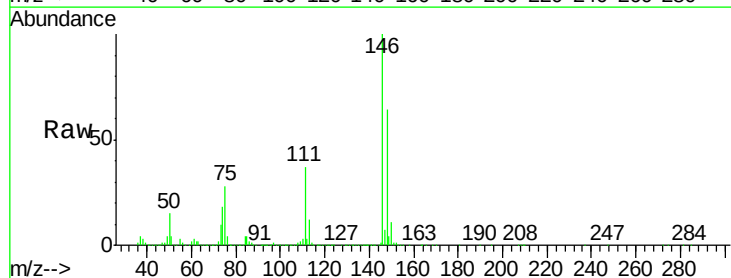
Manual Integrations
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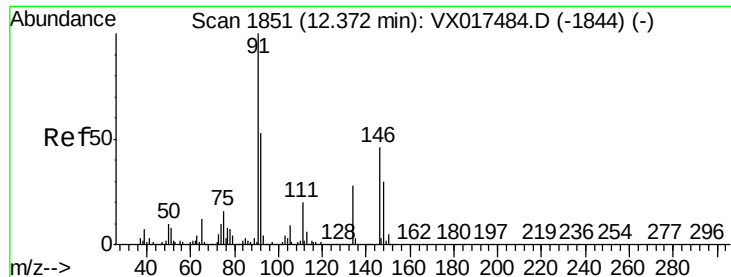
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#88
 1,4-Dichlorobenzene
 Concen: 152.273 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	64.4	31.6	95.0





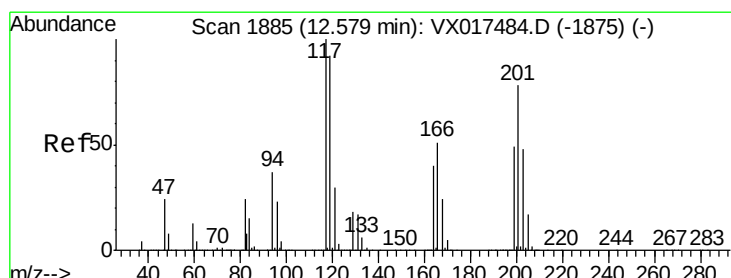
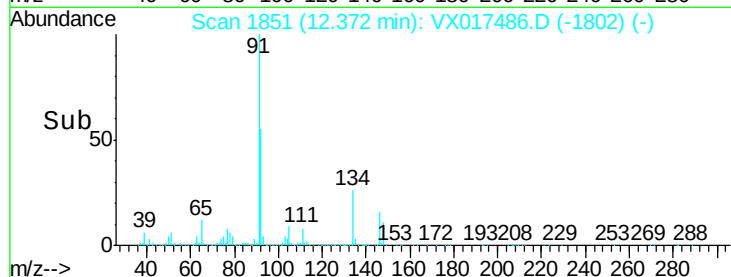
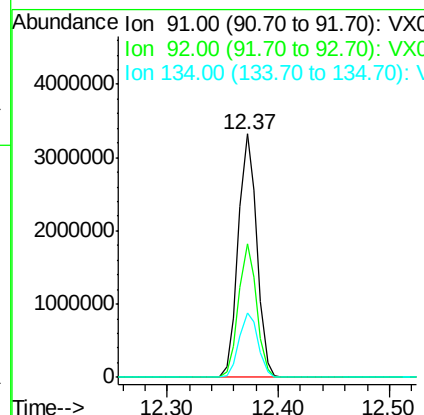
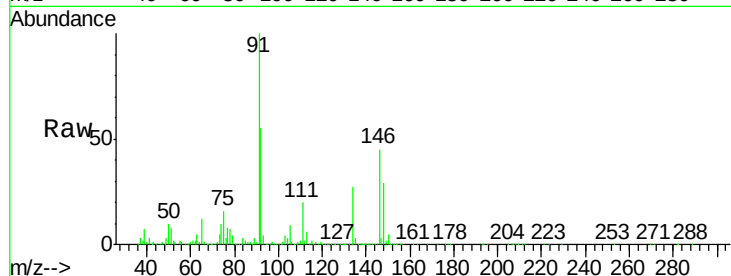
#89
n-Butylbenzene
Concen: 174.375 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3826594
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.0
134 27.1 13.7 41.0

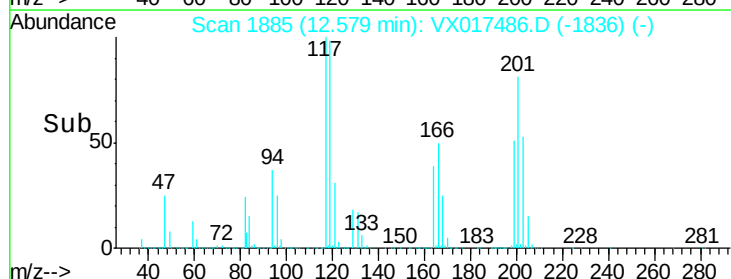
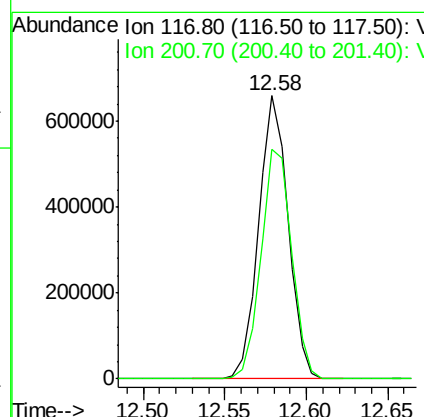
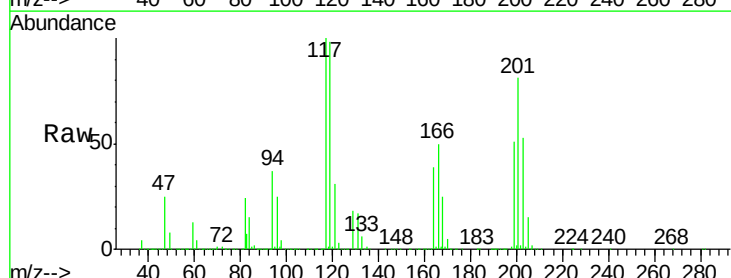
Manual Integrations
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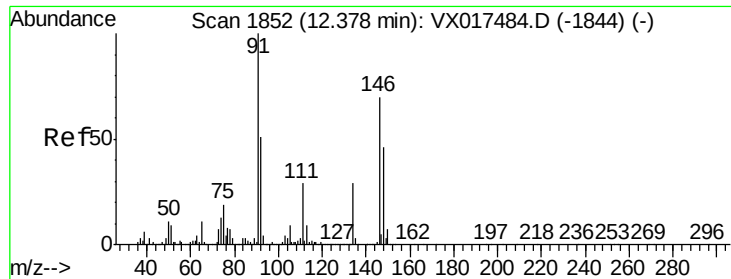
MMDadoda
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#90
Hexachloroethane
Concen: 169.913 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion: 117 Resp: 829005
Ion Ratio Lower Upper
117 100
201 84.4 41.4 124.4





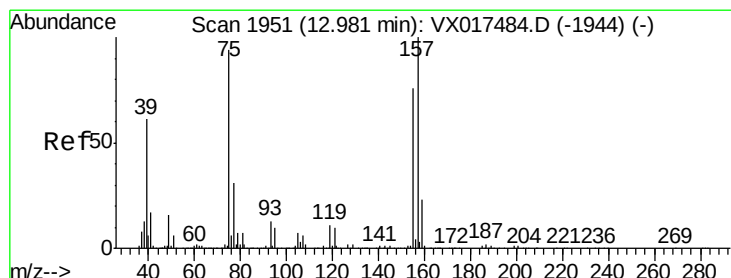
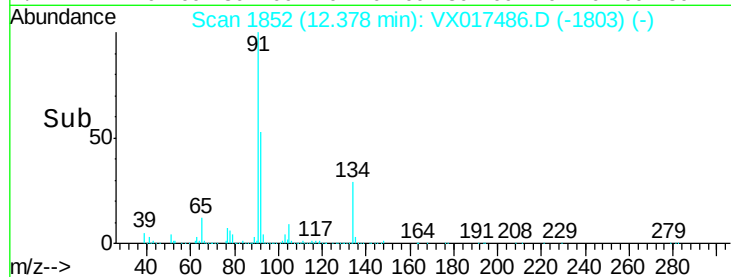
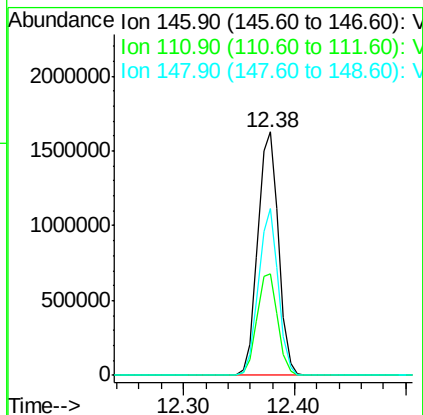
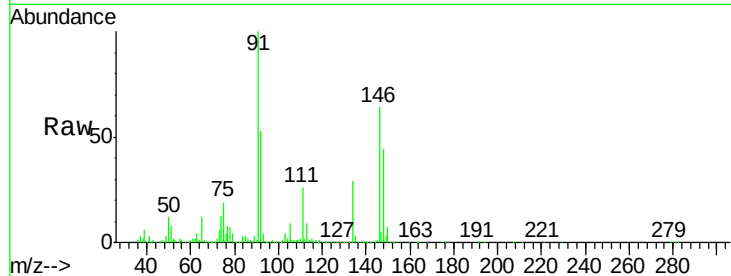
#91
 1,2-Dichlorobenzene
 Concen: 156.632 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.2
148	65.6	32.3	96.9

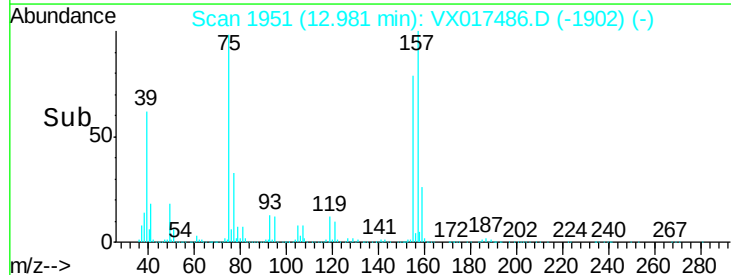
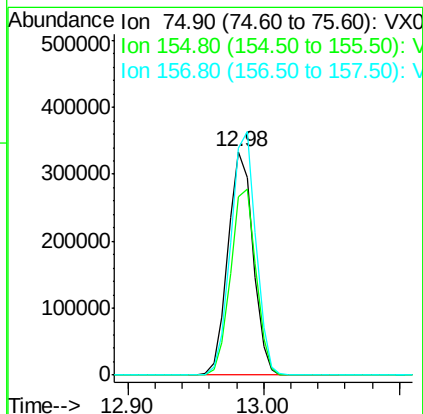
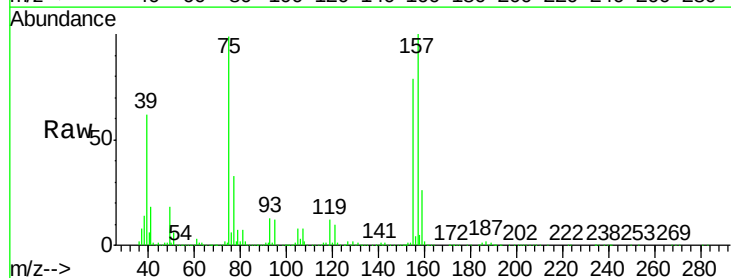
Manual Integrations
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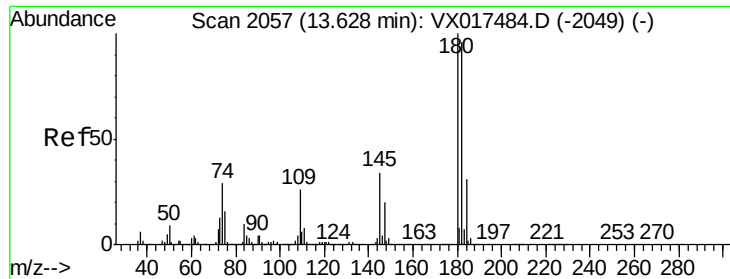
MMDadoda
 7/24/2020 1:00:56 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 186.085 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017486.D
 Acq: 23 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	42.3	126.9
157	108.6	55.1	165.5





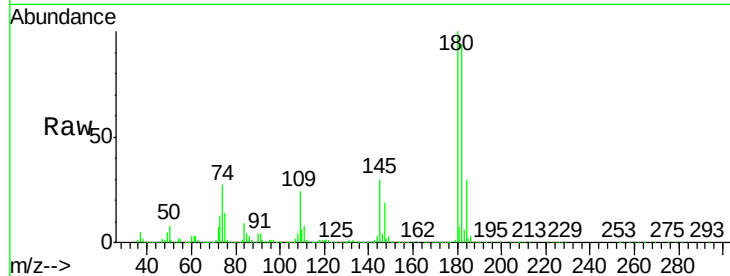
#93
1,2,4-Trichlorobenzene
Concen: 170.776 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

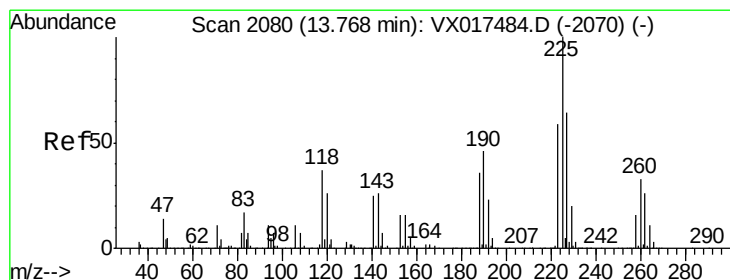
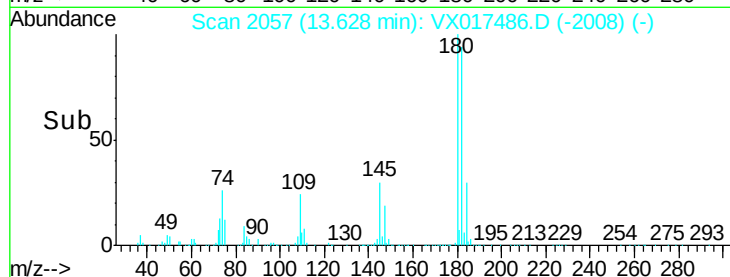
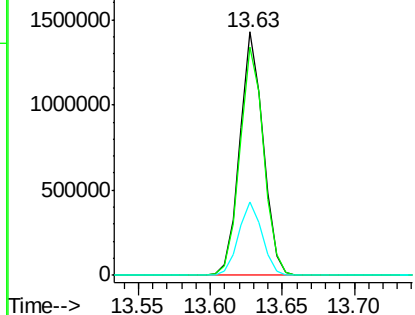
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.5	145.6
145	30.9	16.0	47.9

Manual Integrations
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7/24/2020 1:00:56 PM

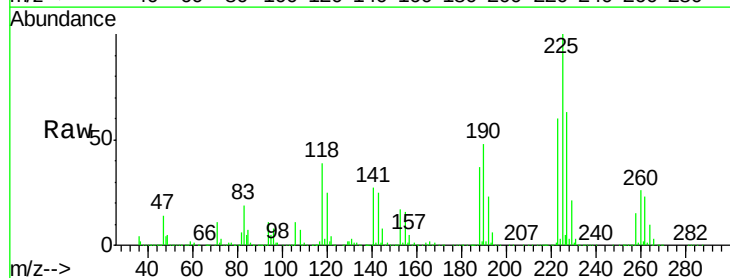


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

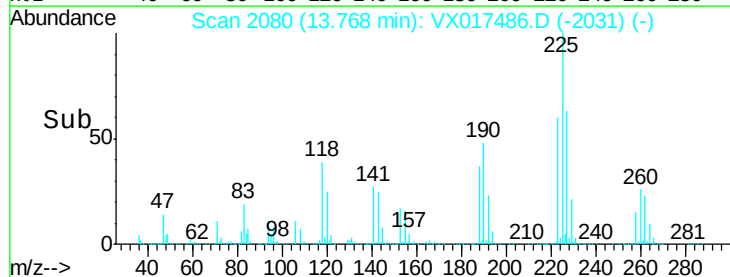
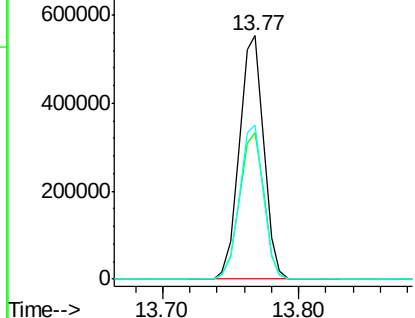


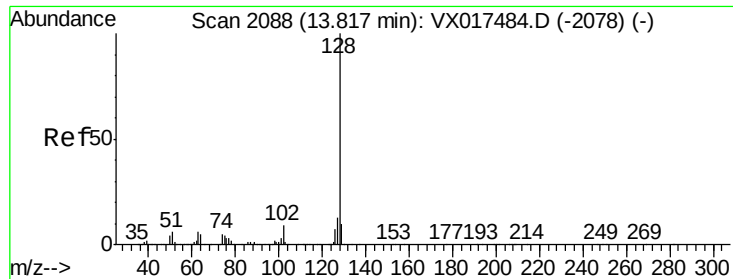
#94
Hexachlorobutadiene
Concen: 174.703 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.1	93.2
227	62.1	32.2	96.6



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





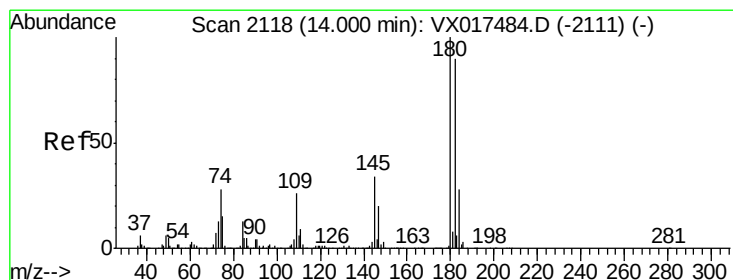
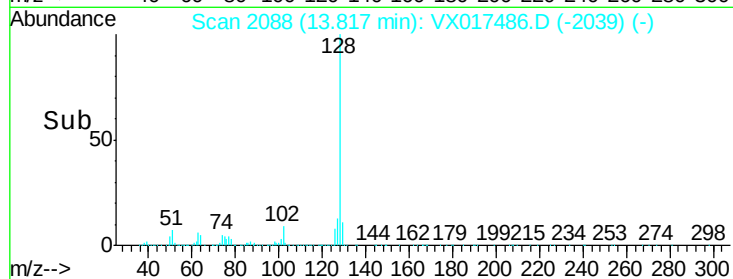
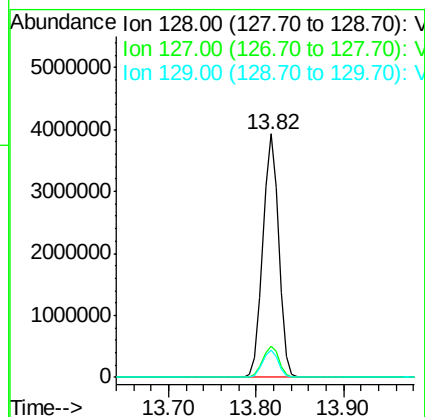
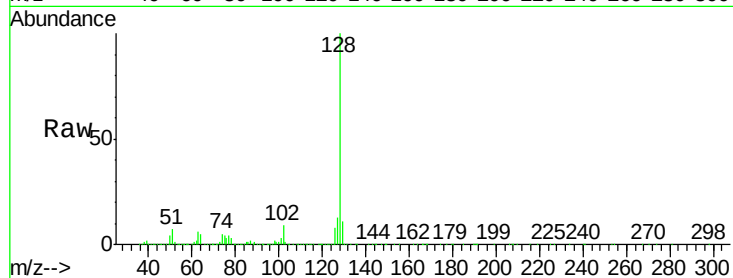
#95
Naphthalene
Concen: 177.552 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:128 Resp: 4947029
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 170.038 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017486.D
Acq: 23 Jul 2020 12:00

Tgt Ion:180 Resp: 1555730
Ion Ratio Lower Upper
180 100
182 94.9 45.7 137.1
145 32.6 16.4 49.2

