

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017481.D
 Acq On : 23 Jul 2020 09:11
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:46 PM

Quant Time: Jul 24 05:48:51 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	5.62	168	581100	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	860087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	759572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385566	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	7882	1.598	ug/l	99
3) Chloromethane	1.31	50	9726	1.675	ug/l	96
4) Vinyl Chloride	1.39	62	8066	1.420	ug/l #	86
6) Chloroethane	1.72	64	5840	1.637	ug/l #	82
7) Trichlorofluoromethane	1.92	101	13708	1.454	ug/l	96
8) Diethyl Ether	2.17	74	5611	1.652	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	7802	1.446	ug/l	97
12) 1,1-Dichloroethene	2.36	96	6423	1.189	ug/l #	77
14) Allyl chloride	2.71	41	10953	1.153	ug/l #	72
15) Acrylonitrile	3.11	53	17948	5.825	ug/l #	94
16) Acetone	2.42	43	19421	7.097	ug/l #	89
17) Carbon Disulfide	2.55	76	21469	1.361	ug/l #	77
18) Methyl Acetate	2.75	43	8623	1.277	ug/l #	80
19) Methyl tert-butyl Ether	3.17	73	22814	1.240	ug/l	98
20) Methylene Chloride	2.84	84	10718	1.654	ug/l	85
21) trans-1,2-Dichloroethene	3.14	96	7731	1.267	ug/l	84
22) Diisopropyl ether	3.82	45	21658	1.225	ug/l #	84
23) Vinyl Acetate	3.78	43	87552	5.595	ug/l	97
24) 1,1-Dichloroethane	3.67	63	12758	1.232	ug/l #	86
25) 2-Butanone	4.64	43	25788	6.092	ug/l #	89
26) 2,2-Dichloropropane	4.54	77	11514	1.202	ug/l	84
27) cis-1,2-Dichloroethene	4.56	96	8075	1.216	ug/l	96
28) Bromochloromethane	4.97	49	5484	1.148	ug/l	97
29) Tetrahydrofuran	5.10	42	13958	5.112	ug/l	97
30) Chloroform	5.18	83	13677	1.236	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	12974	1.268	ug/l #	47
36) 1,1-Dichloropropene	5.76	75	8694	1.103	ug/l #	88
37) Ethyl Acetate	4.80	43	8349	0.992	ug/l #	81
38) Carbon Tetrachloride	5.75	117	11084	1.197	ug/l #	77
39) Methylcyclohexane	7.43	83	9714	1.133	ug/l #	83
40) Benzene	6.11	78	27498	1.209	ug/l	95
41) Methacrylonitrile	5.01	41	5583m	1.242	ug/l	
42) 1,2-Dichloroethane	6.17	62	11006	1.232	ug/l	91
43) Isopropyl Acetate	6.41	43	15428	1.132	ug/l #	92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.18	130	7082	1.030	ug/l	98
45) 1,2-Dichloropropane	7.49	63	7551	1.298	ug/l #	75
46) Dibromomethane	7.64	93	5741	1.370	ug/l	92
47) Bromodichloromethane	7.88	83	9657	1.103	ug/l	93
48) Methyl methacrylate	7.75	41	7155	1.125	ug/l	96
49) 1,4-Dioxane	7.72	88	2587	20.188	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	46455	5.705	ug/l	97
52) Toluene	8.76	92	16682	1.151	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	10271	1.072	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	10632	1.056	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	7070	1.157	ug/l #	76
56) Ethyl methacrylate	9.16	69	9359	1.066	ug/l #	91
57) 1,3-Dichloropropane	9.35	76	10743	1.056	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.29	63	24049	5.404	ug/l	98
59) 2-Hexanone	9.47	43	31963	5.176	ug/l	90
60) Dibromochloromethane	9.57	129	8667	1.155	ug/l	96
61) 1,2-Dibromoethane	9.65	107	6510	0.978	ug/l	93
64) Tetrachloroethene	9.32	164	7821	1.190	ug/l #	85
65) Chlorobenzene	10.12	112	17385	1.117	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.20	131	7530	1.216	ug/l #	64
67) Ethyl Benzene	10.23	91	26677	1.034	ug/l	92
68) m/p-Xylenes	10.34	106	20728	2.103	ug/l	99
69) o-Xylene	10.68	106	10838	1.151	ug/l	90
70) Styrene	10.70	104	16600	1.025	ug/l	96
71) Bromoform	10.84	173	5918	1.123	ug/l #	98
73) Isopropylbenzene	11.00	105	25540	1.051	ug/l	96
74) N-amyl acetate	10.88	43	10382	1.035	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.25	83	9022	1.217	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	8370m	1.157	ug/l	
77) Bromobenzene	11.24	156	7878	1.137	ug/l	91
78) n-propylbenzene	11.34	91	27770	1.020	ug/l	99
79) 2-Chlorotoluene	11.40	91	18628	1.107	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	19873	0.957	ug/l	100
82) 4-Chlorotoluene	11.49	91	20198	1.011	ug/l	92
83) tert-Butylbenzene	11.76	119	18969	0.949	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	19938	0.954	ug/l	97
85) sec-Butylbenzene	11.93	105	23332	0.999	ug/l	94
86) p-Isopropyltoluene	12.05	119	21066	0.951	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	13169	1.064	ug/l	93
88) 1,4-Dichlorobenzene	12.08	146	15111m	1.208	ug/l	
89) n-Butylbenzene	12.37	91	19312	1.016	ug/l	99
90) Hexachloroethane	12.58	117	4928	1.167	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	13269	1.139	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2823	1.415	ug/l	83
93) 1,2,4-Trichlorobenzene	13.63	180	8137	0.998	ug/l	99
94) Hexachlorobutadiene	13.76	225	4424	1.303	ug/l	90
95) Naphthalene	13.82	128	21413	0.888	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.00	180	7931	1.001	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

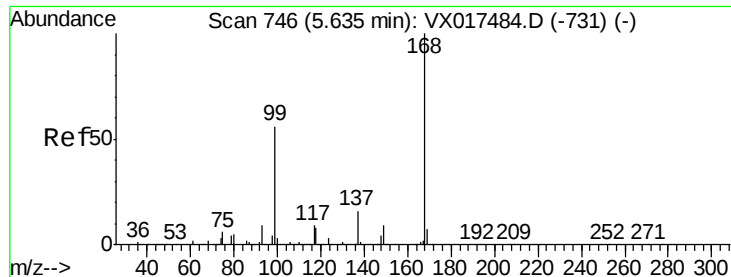
Manual Integrations
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7/24/2020 1:00:46 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

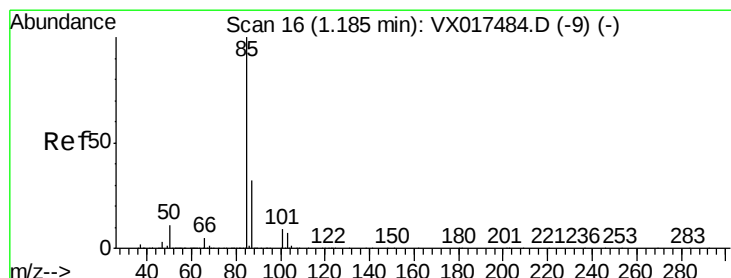
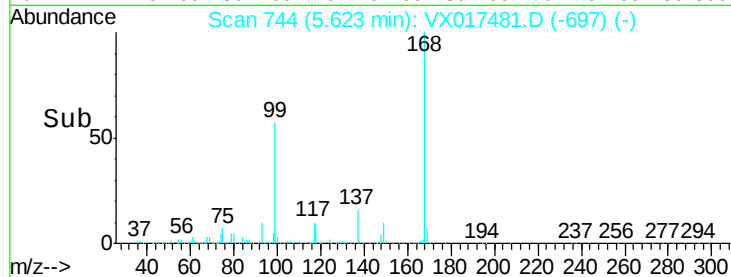
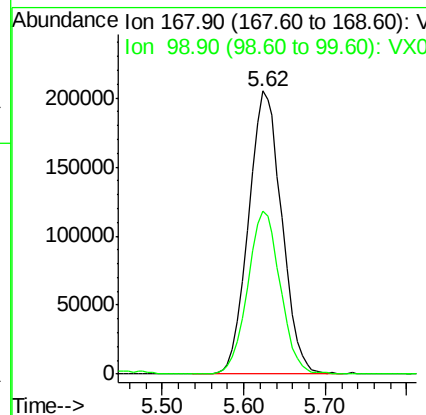
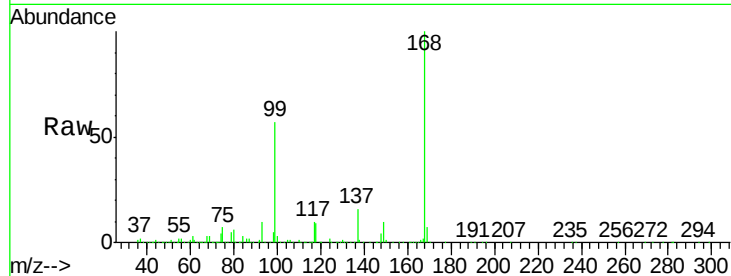
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.4	44.6	67.0

Manual Integrations
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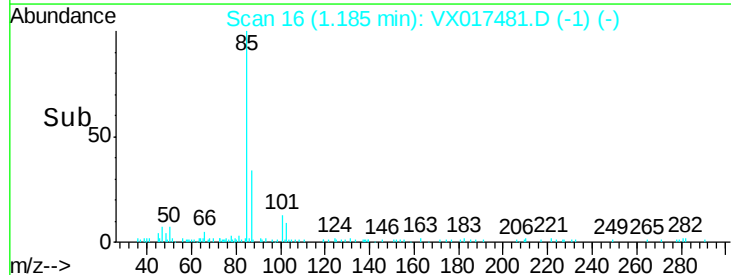
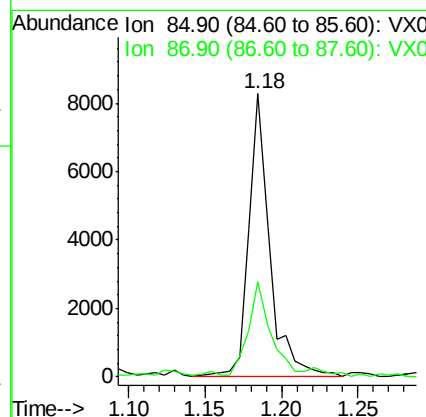
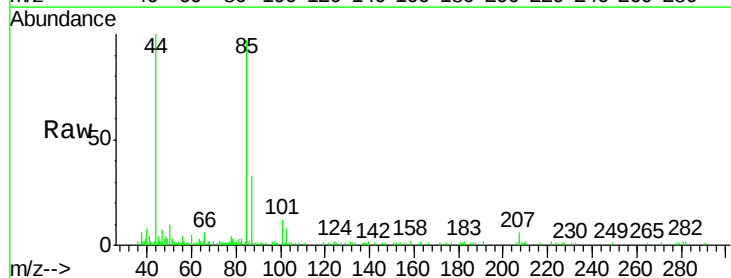
MMDadoda
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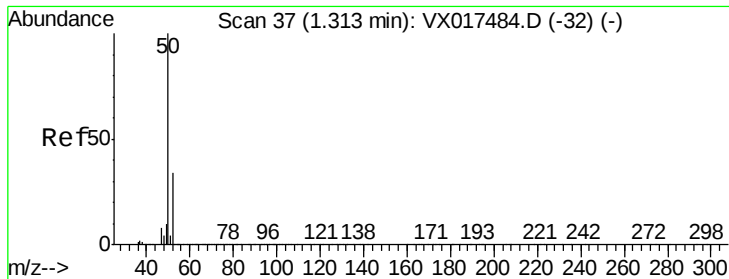


#2

Dichlorodifluoromethane
 Concen: 1.598 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.9	47.7





#3

Chloromethane

Concen: 1.675 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 9726

Ion Ratio Lower Upper

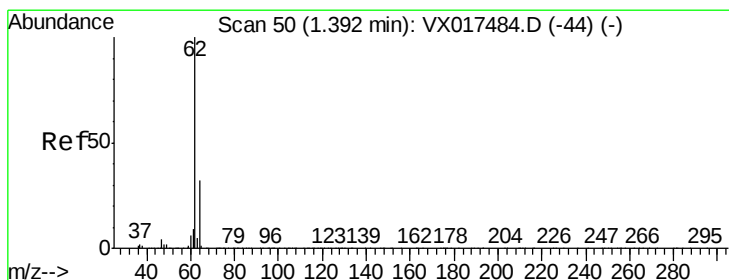
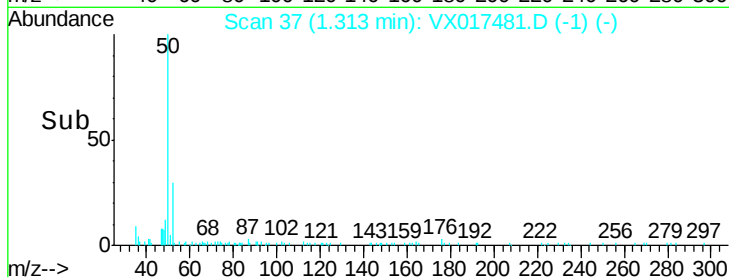
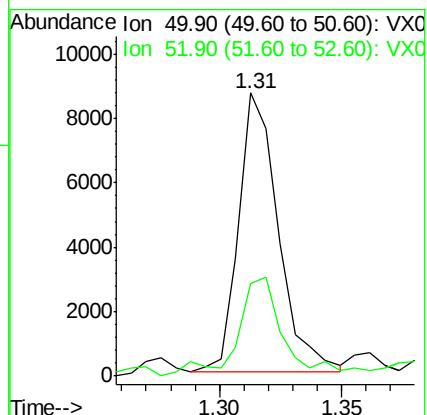
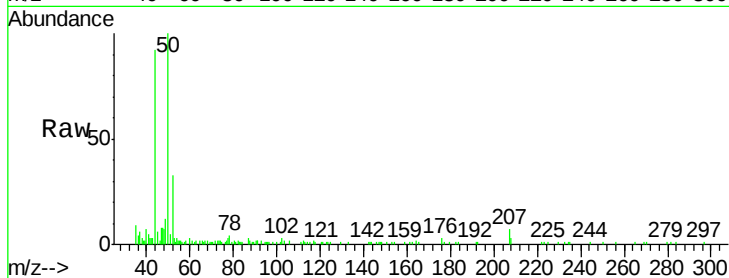
50 100

52 31.5 27.1 40.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 1.420 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017481.D

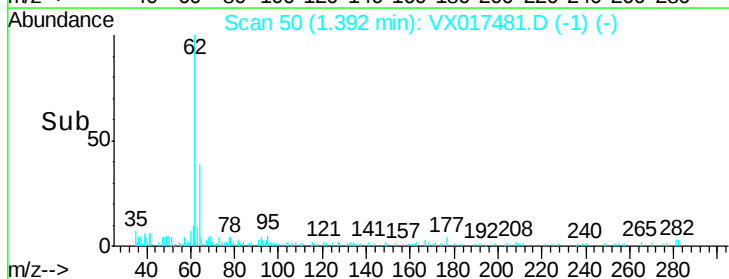
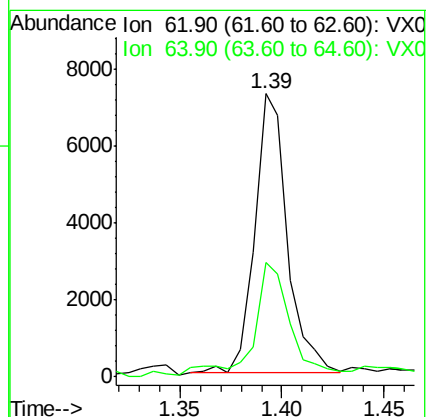
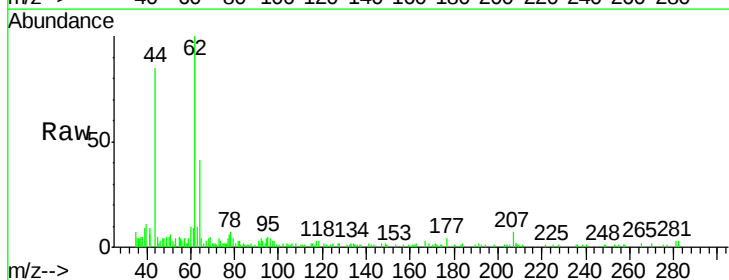
Acq: 23 Jul 2020 09:11

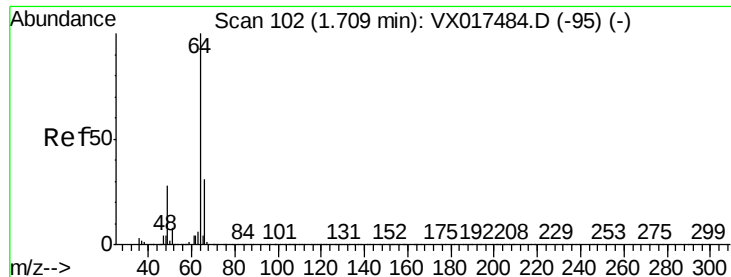
Tgt Ion: 62 Resp: 8066

Ion Ratio Lower Upper

62 100

64 39.4 25.4 38.0#





#6

Chloroethane

Concen: 1.637 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 5840

Ion Ratio Lower Upper

64 100

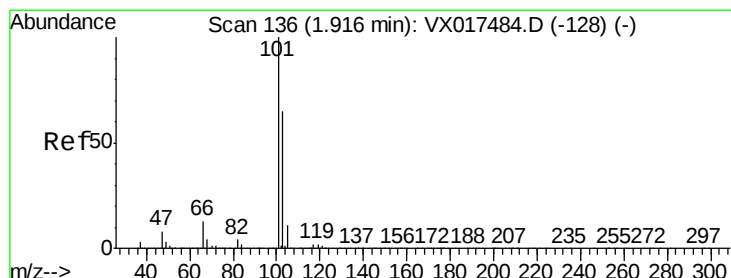
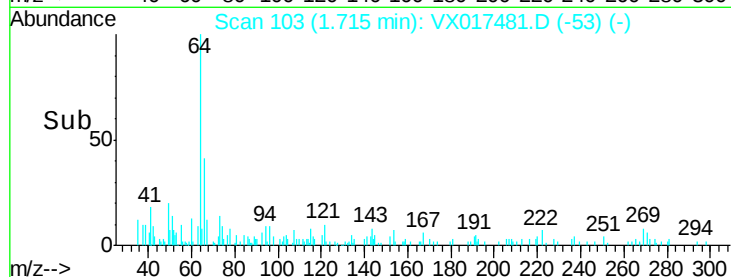
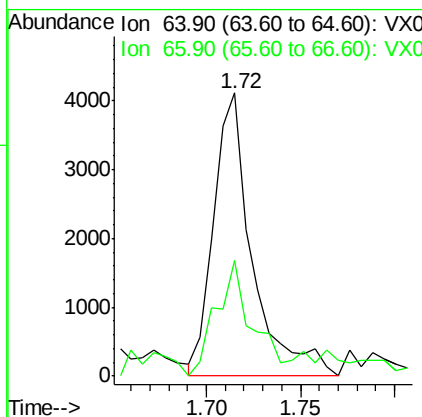
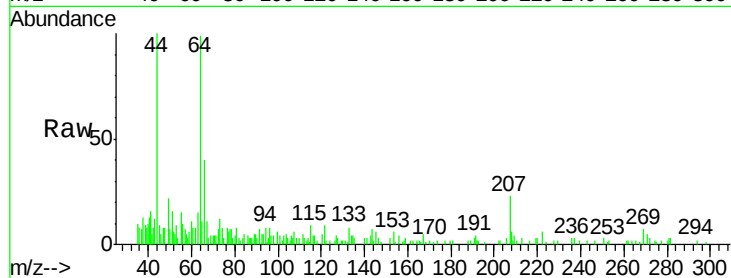
66 40.8 24.8 37.2#

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.454 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX017481.D

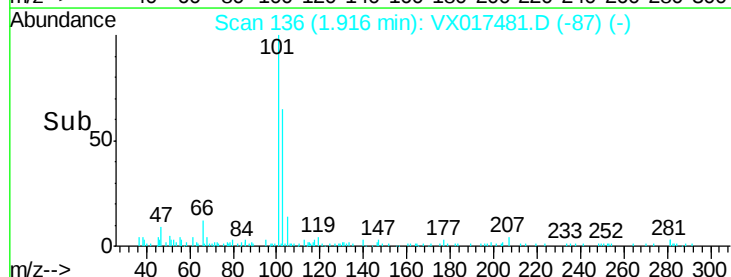
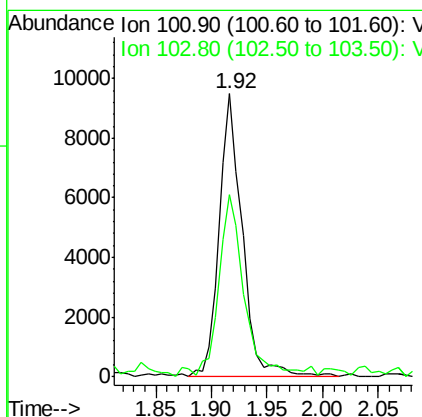
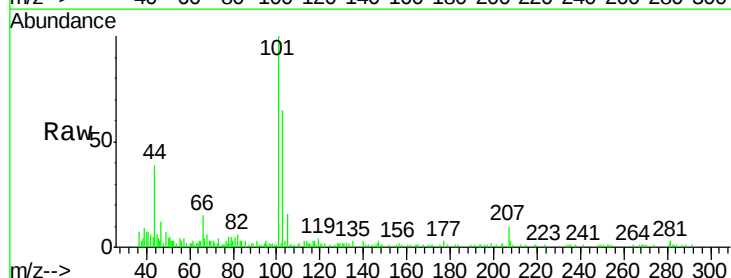
Acq: 23 Jul 2020 09:11

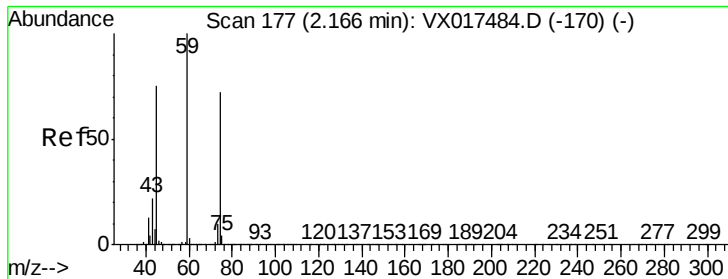
Tgt Ion: 101 Resp: 13708

Ion Ratio Lower Upper

101 100

103 62.1 52.2 78.4





#8

Diethyl Ether

Concen: 1.652 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 5611

Ion Ratio Lower Upper

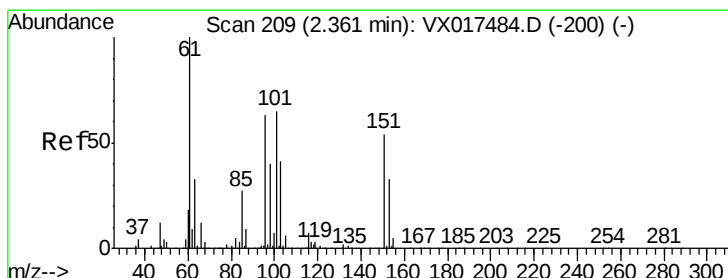
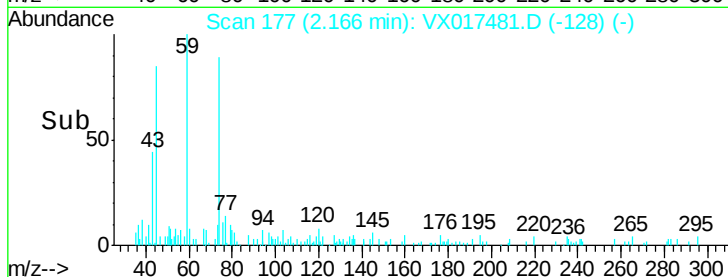
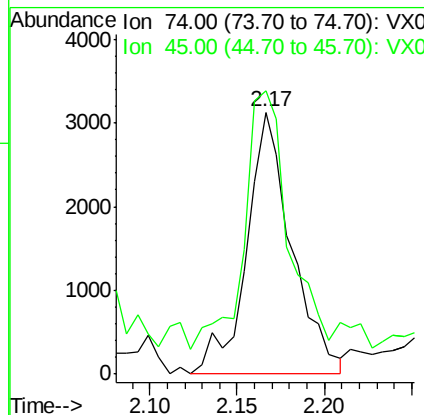
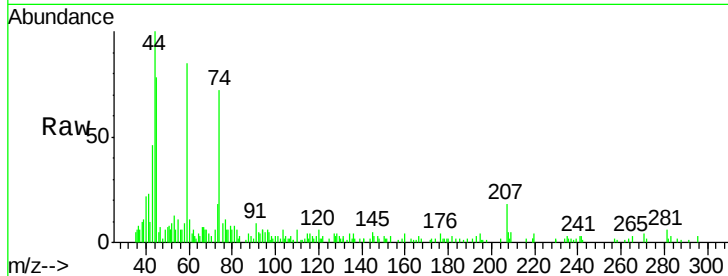
74 100

45 96.1 50.6 151.8

Manual Integrations
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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.446 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

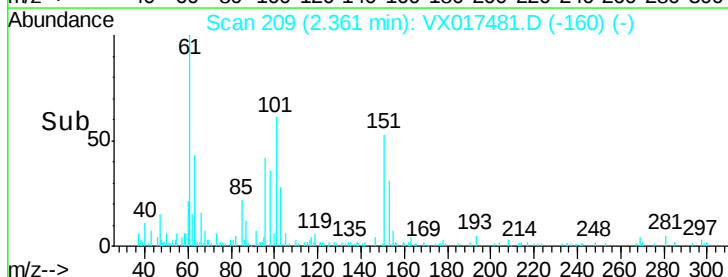
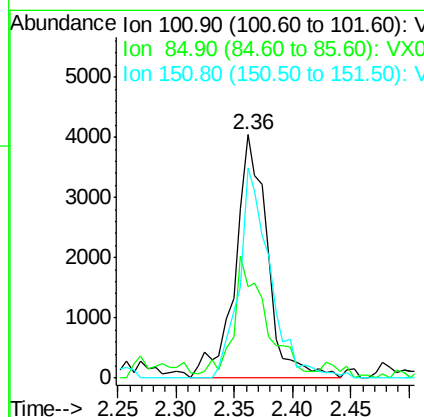
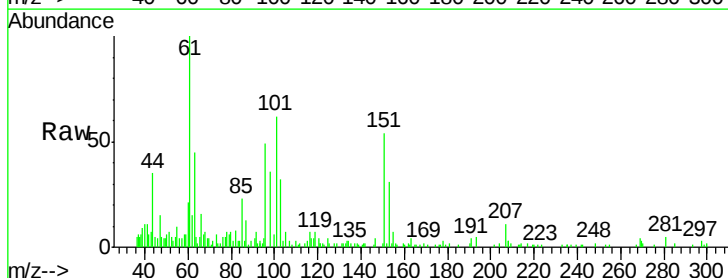
Tgt Ion: 101 Resp: 7802

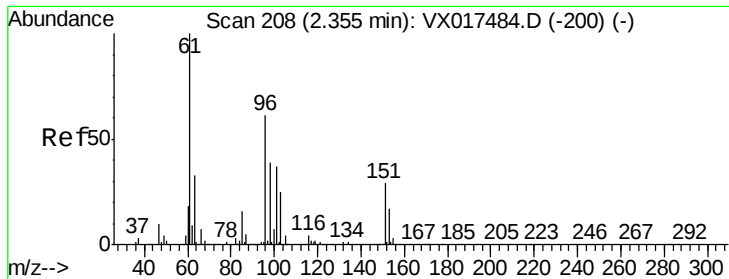
Ion Ratio Lower Upper

101 100

85 46.8 33.8 50.6

151 83.6 65.8 98.8





#12

1,1-Dichloroethene

Concen: 1.189 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

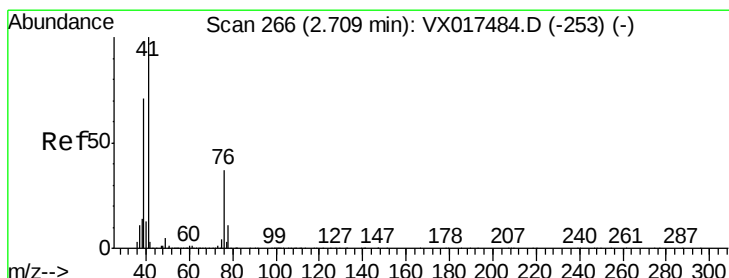
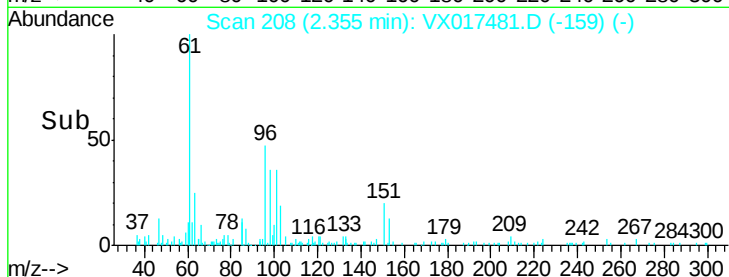
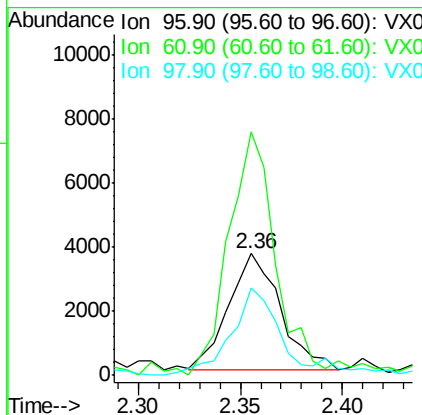
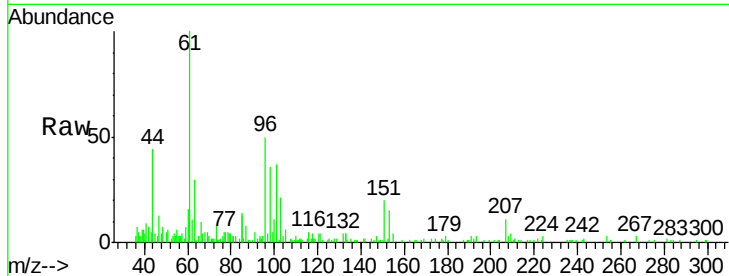
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	6423
Ion	Ratio	Lower	Upper
96	100		
61	200.9	130.2	195.4#
98	69.3	50.5	75.7

Manual Integrations
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#14

Allyl chloride

Concen: 1.153 ug/l

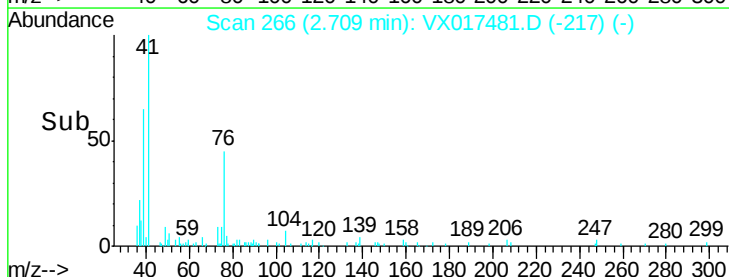
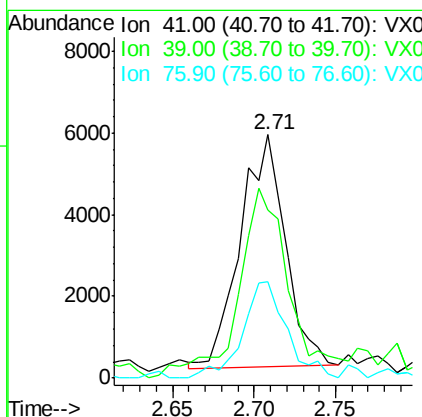
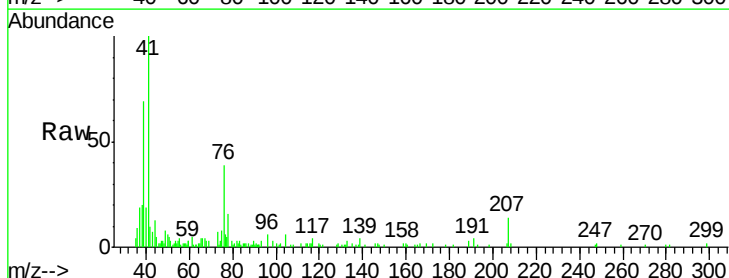
RT: 2.71 min Scan# 266

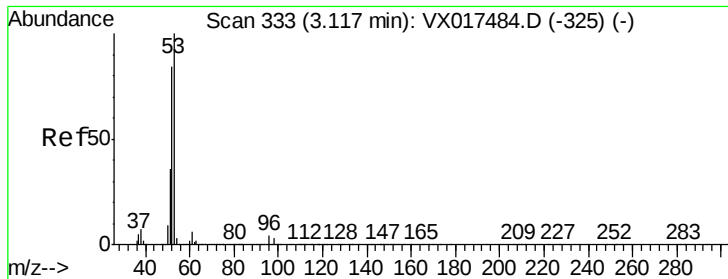
Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	41	Resp:	10953
Ion	Ratio	Lower	Upper
41	100		
39	92.4	51.7	77.5#
76	40.6	26.4	39.6#





#15

Acrylonitrile

Concen: 5.825 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

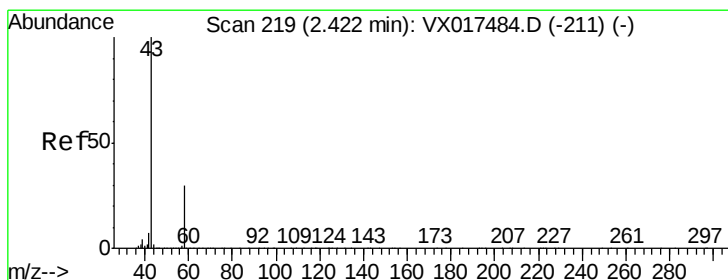
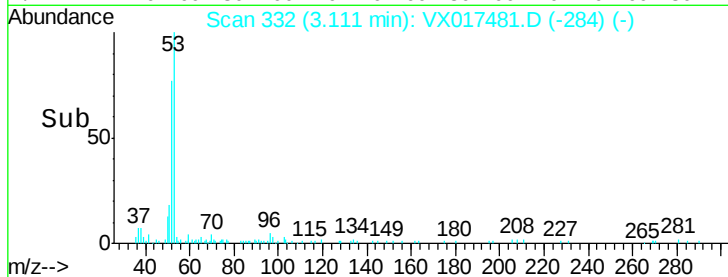
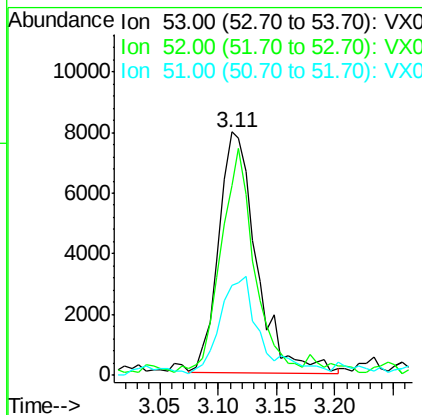
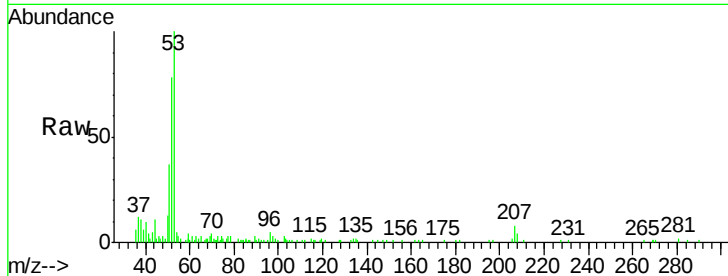
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	17948
Ion Ratio	Lower	Upper	
53	100		
52	81.3	67.0	100.4
51	44.5	29.6	44.4#

Manual Integrations
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#16

Acetone

Concen: 7.097 ug/l

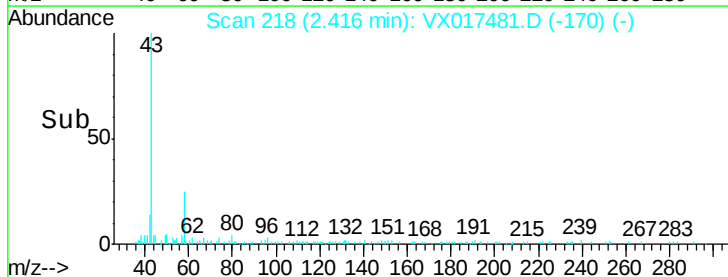
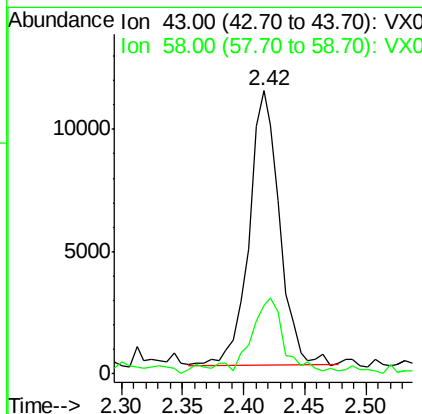
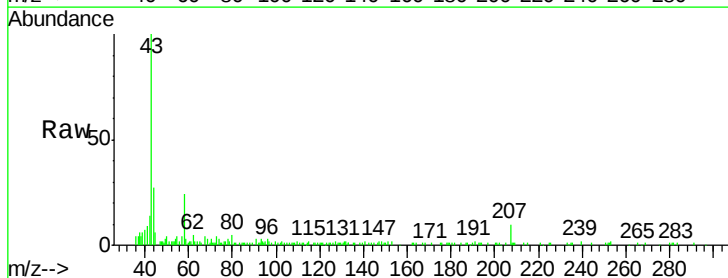
RT: 2.42 min Scan# 218

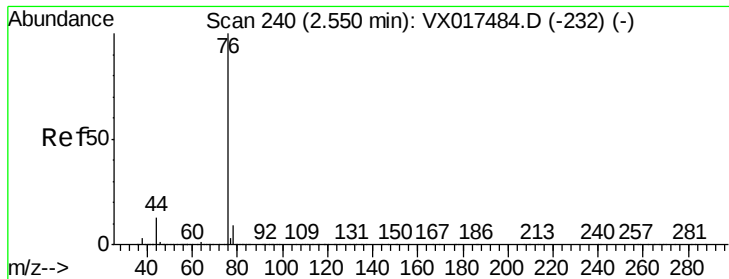
Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	43	Resp:	19421
Ion Ratio	Lower	Upper	
43	100		
58	23.5	23.7	35.5#





#17

Carbon Disulfide

Concen: 1.361 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 21469

Ion Ratio Lower Upper

76 100

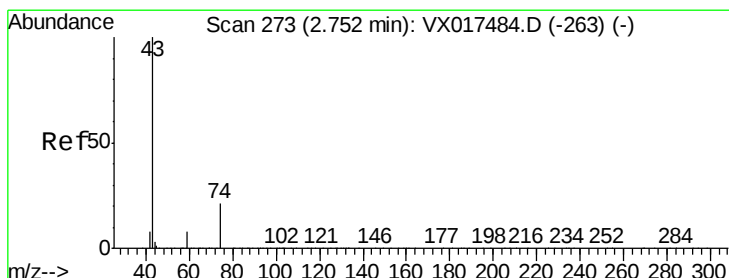
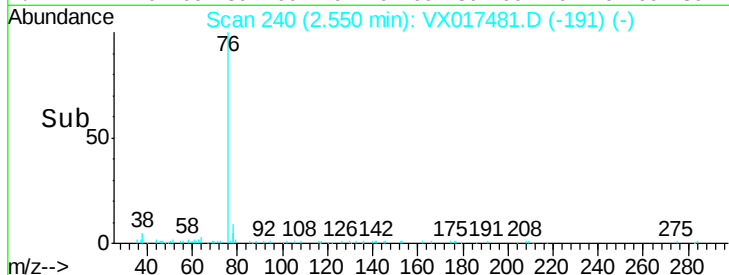
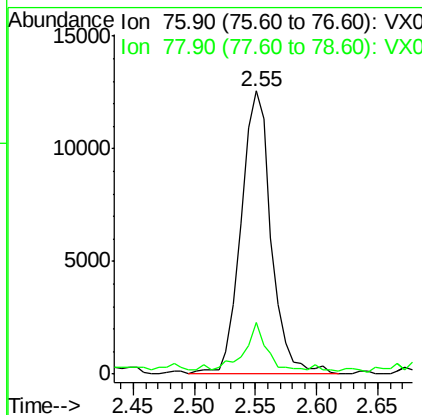
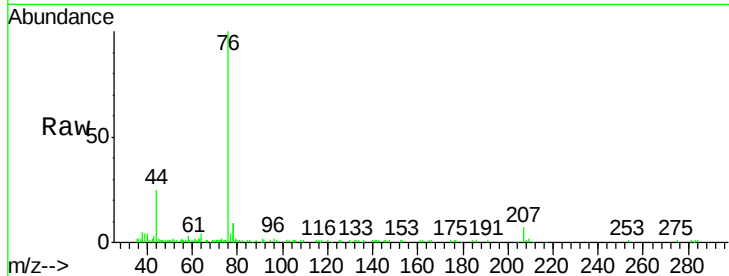
78 16.7 6.8 10.2#

Manual Integrations

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#18

Methyl Acetate

Concen: 1.277 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017481.D

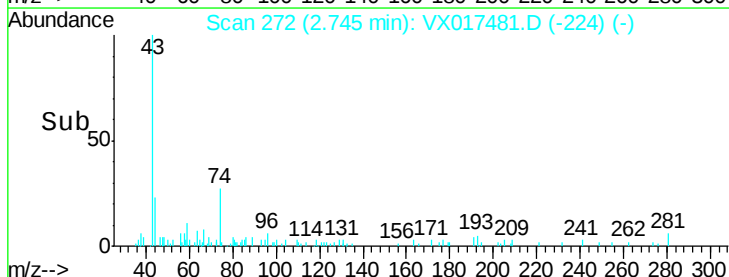
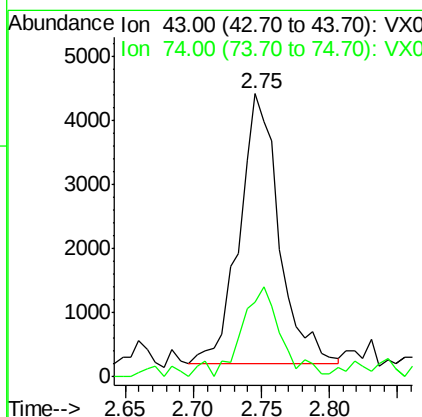
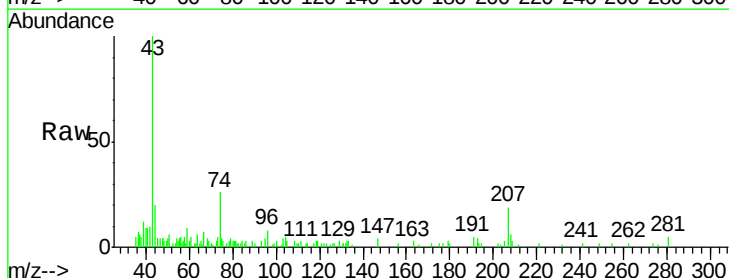
Acq: 23 Jul 2020 09:11

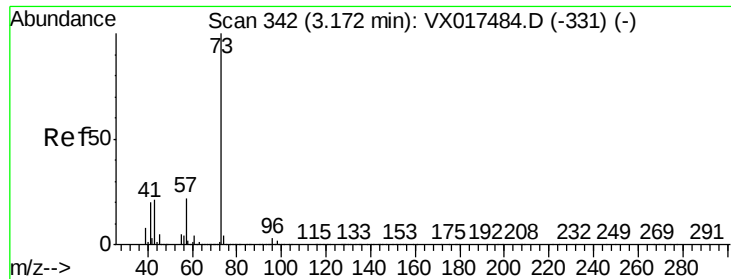
Tgt Ion: 43 Resp: 8623

Ion Ratio Lower Upper

43 100

74 32.4 18.1 27.1#





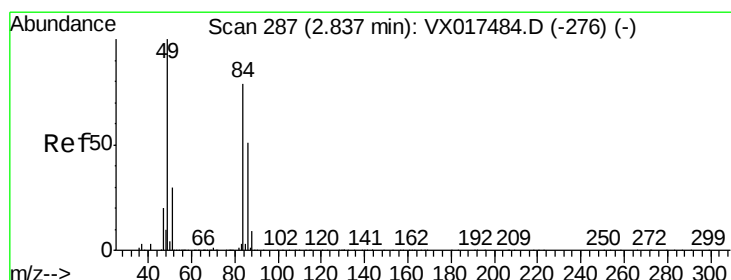
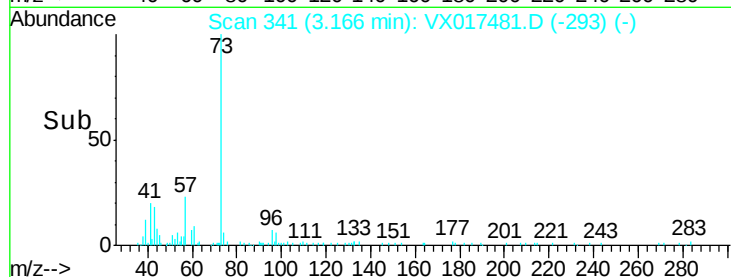
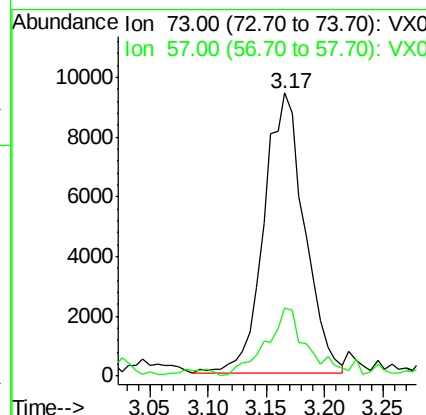
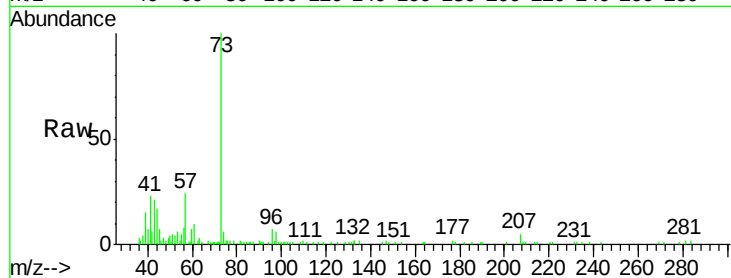
#19
Methvl tert-butvl Ether
Concen: 1.240 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.3	25.9

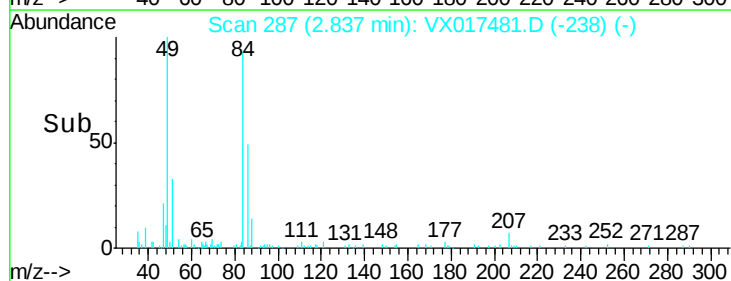
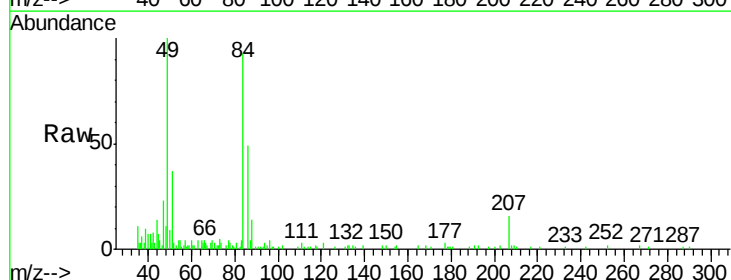
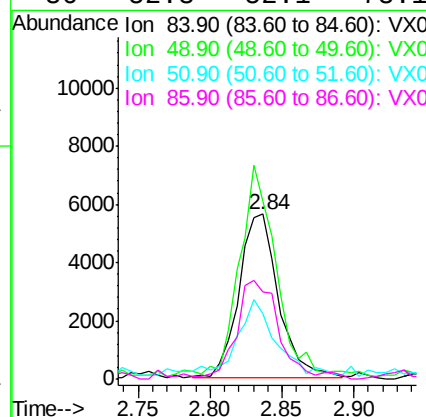
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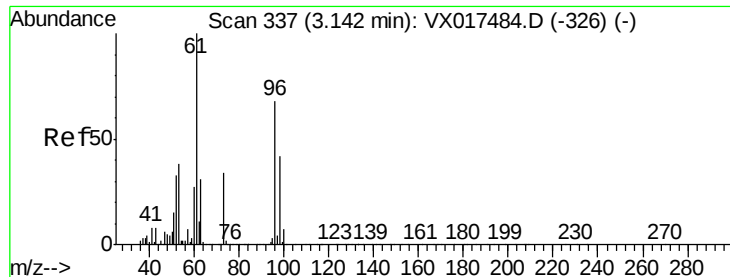
MMDadoda
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#20
Methylene Chloride
Concen: 1.654 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.4	101.4	152.2
51	38.1	30.6	45.8
86	52.3	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 1.267 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

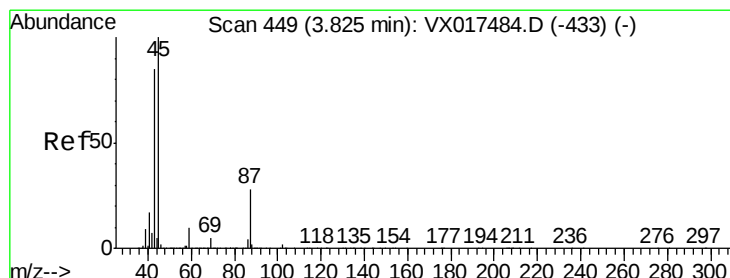
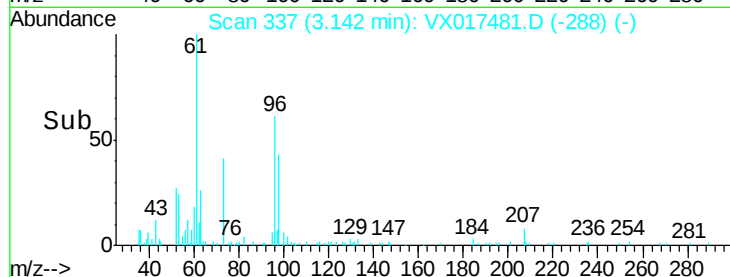
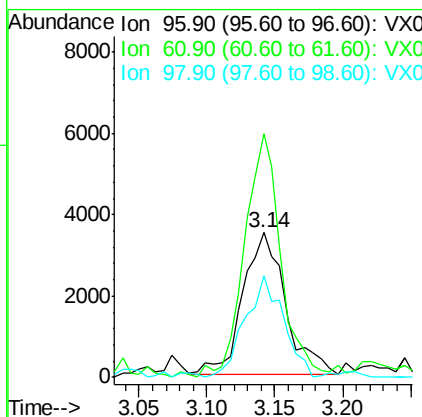
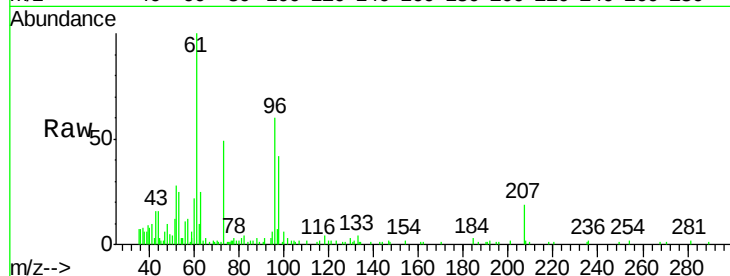
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	7731
Ion	Ratio	Lower	Upper
96	100		
61	169.6	117.2	175.8
98	69.5	49.0	73.4

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#22

Diisopropyl ether

Concen: 1.225 ug/l

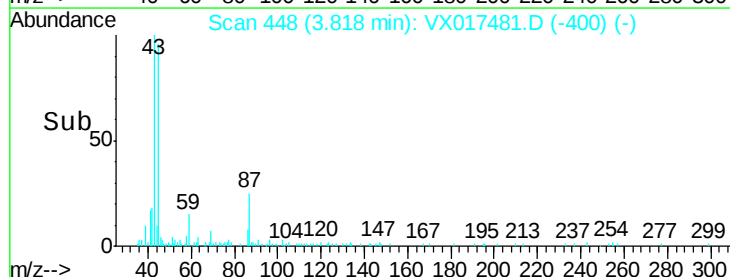
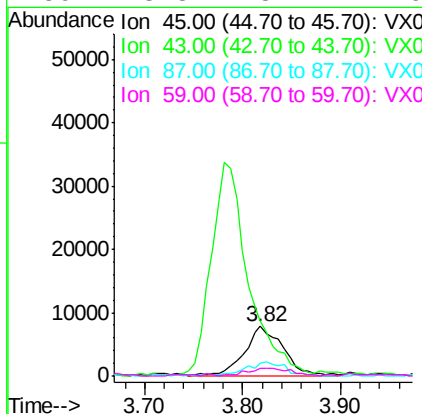
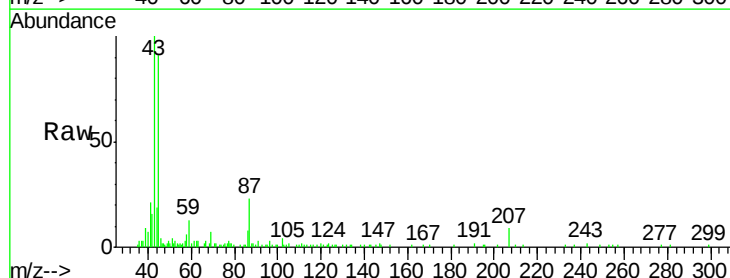
RT: 3.82 min Scan# 448

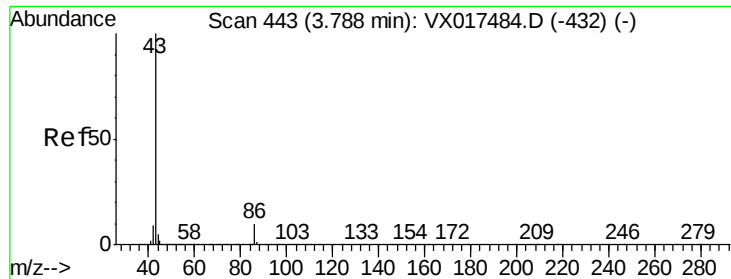
Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	45	Resp:	21658
Ion	Ratio	Lower	Upper
45	100		
43	103.3	68.0	102.0#
87	24.5	22.2	33.4
59	13.8	8.4	12.6#





#23

Vinyl Acetate

Concen: 5.595 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 87552

Ion Ratio Lower Upper

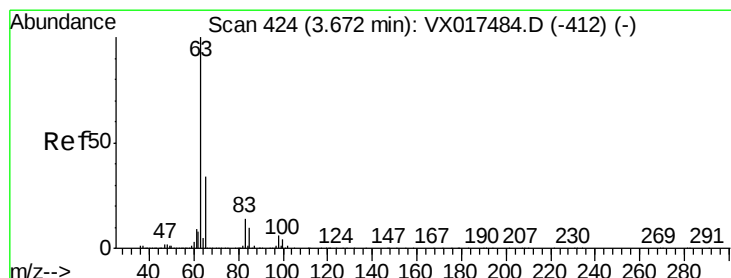
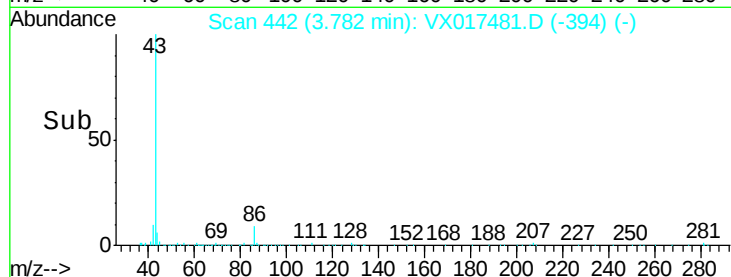
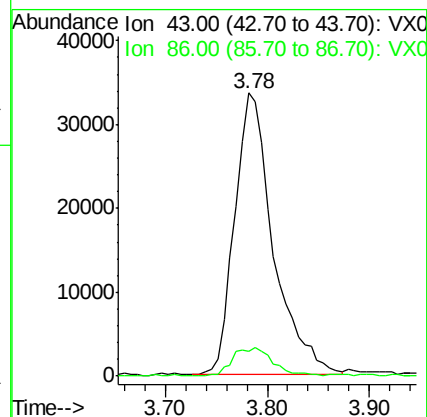
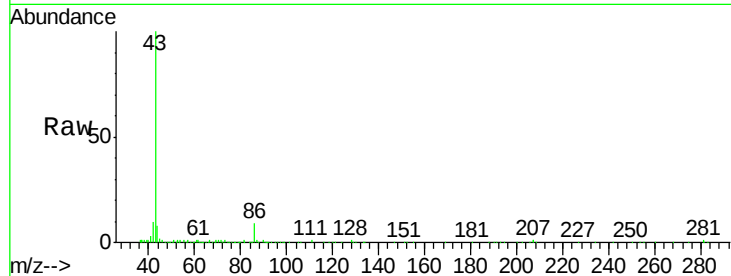
43 100

86 8.9 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 1.232 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

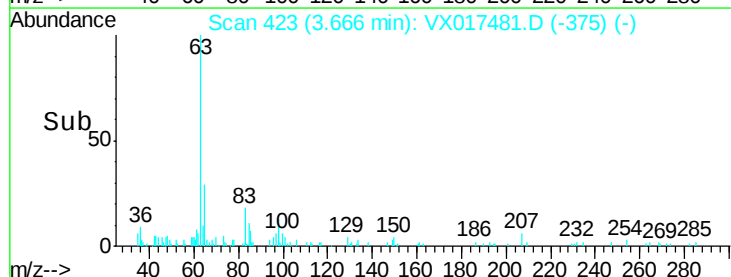
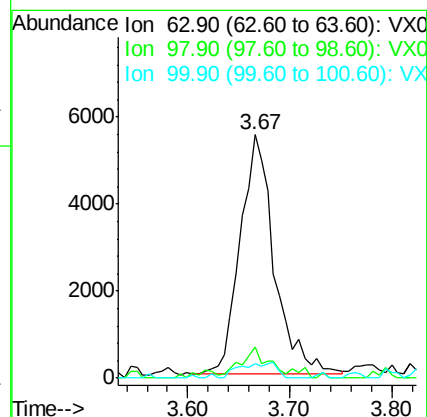
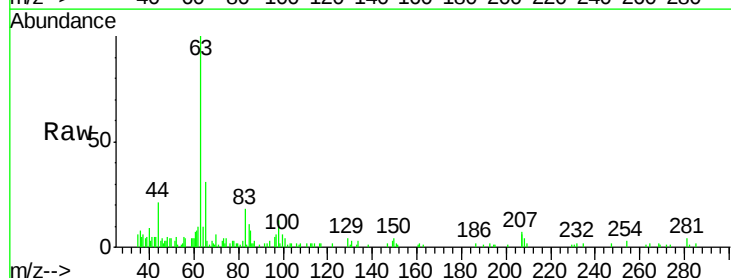
Tgt Ion: 63 Resp: 12758

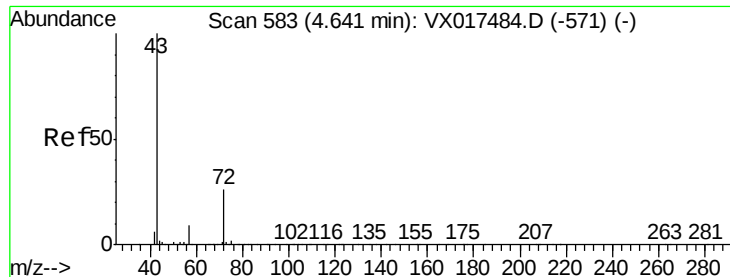
Ion Ratio Lower Upper

63 100

98 13.0 3.2 9.6#

100 5.9 2.1 6.5





#25

2-Butanone

Concen: 6.092 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 25788

Ion Ratio Lower Upper

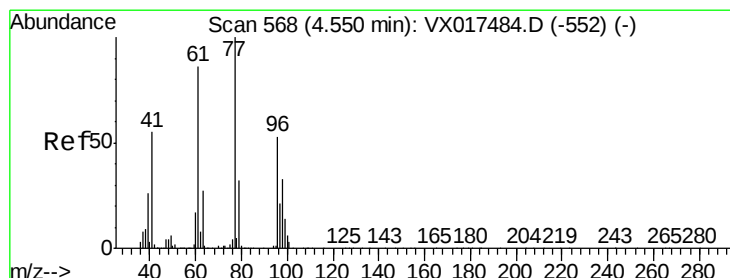
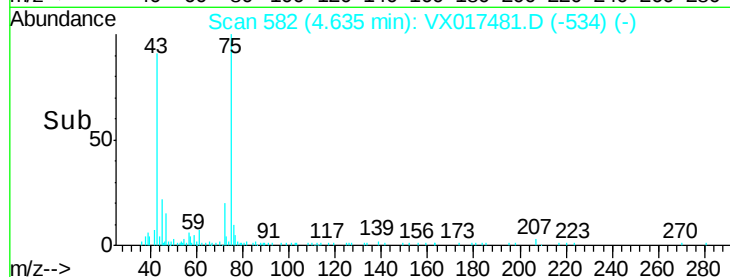
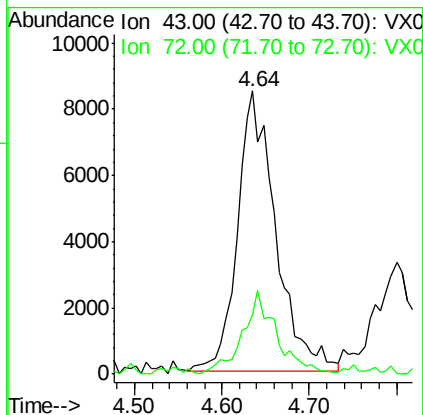
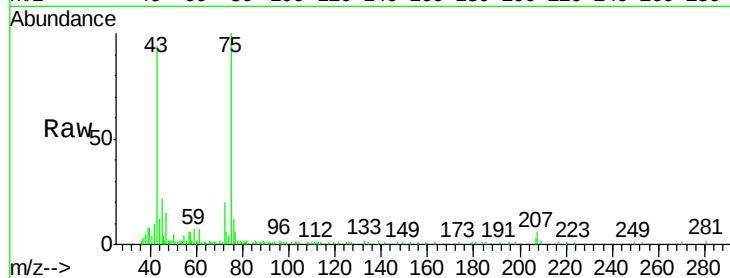
43 100

72 20.5 21.0 31.4#

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#26

2,2-Dichloropropane

Concen: 1.202 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017481.D

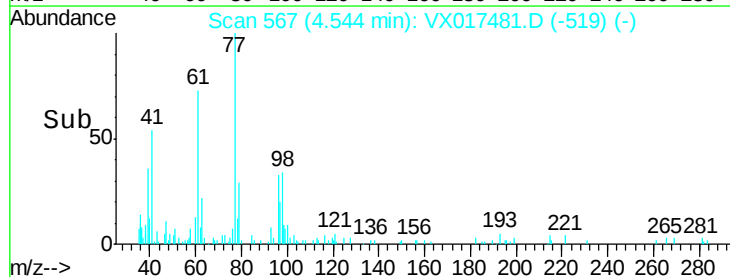
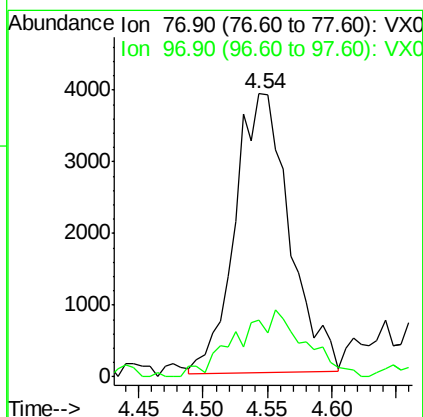
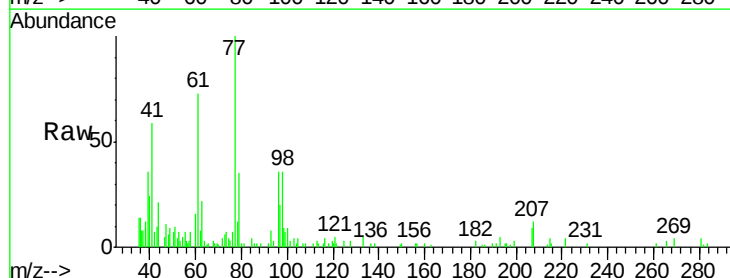
Acq: 23 Jul 2020 09:11

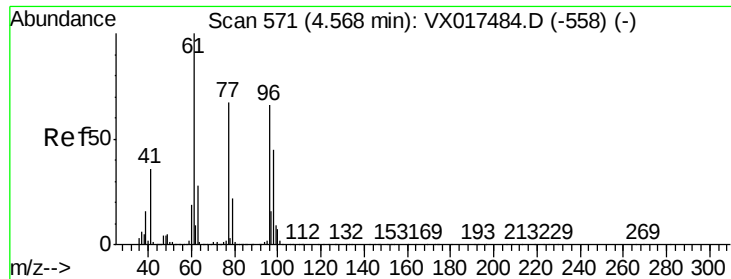
Tgt Ion: 77 Resp: 11514

Ion Ratio Lower Upper

77 100

97 30.0 11.1 33.3





#27

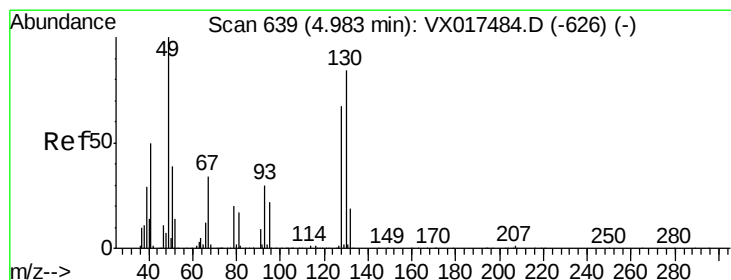
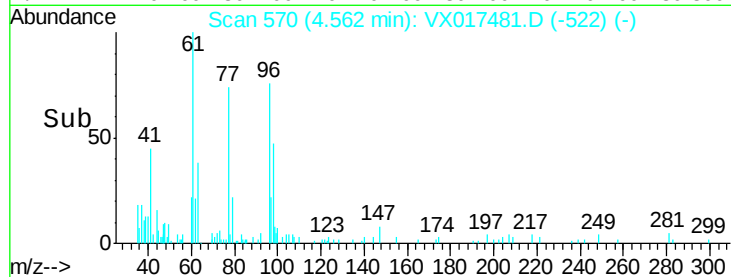
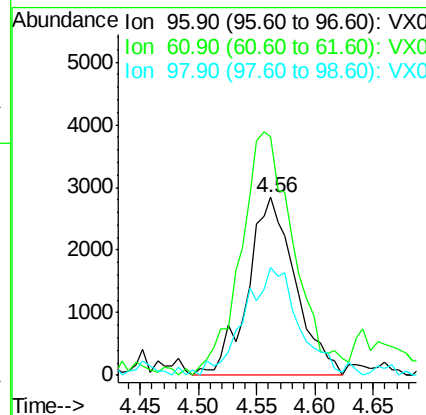
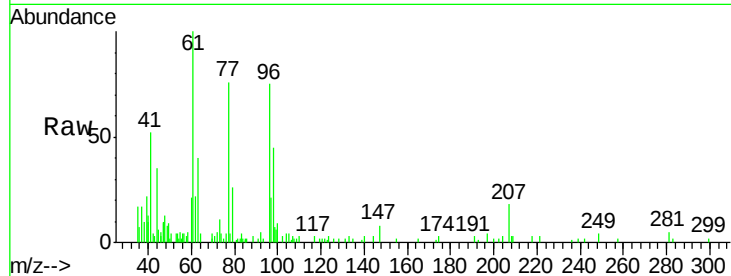
cis-1,2-Dichloroethene
Concen: 1.216 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	299.2
98	68.9	0.0	127.6

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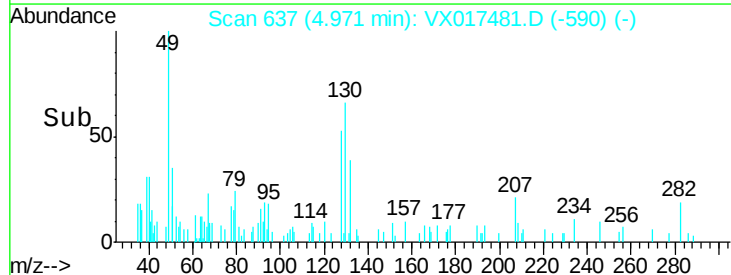
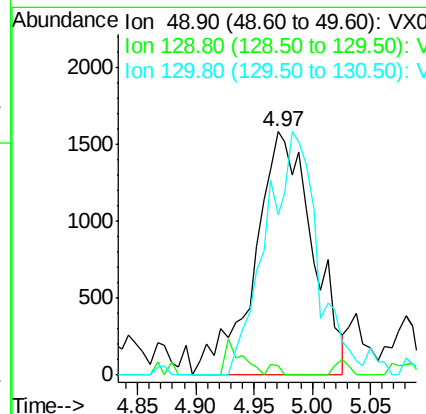
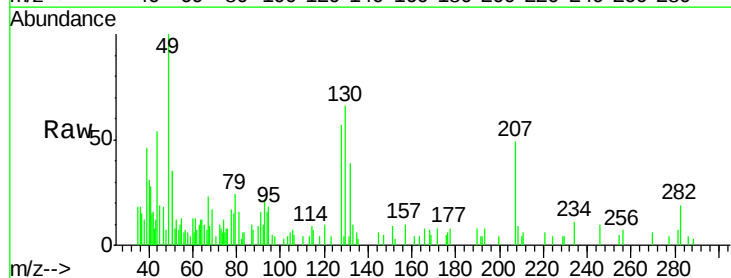
MMDadoda
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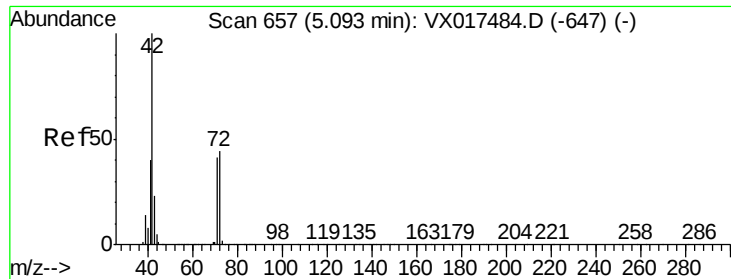


#28

Bromochloromethane
Concen: 1.148 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.4
130	88.1	68.0	102.0





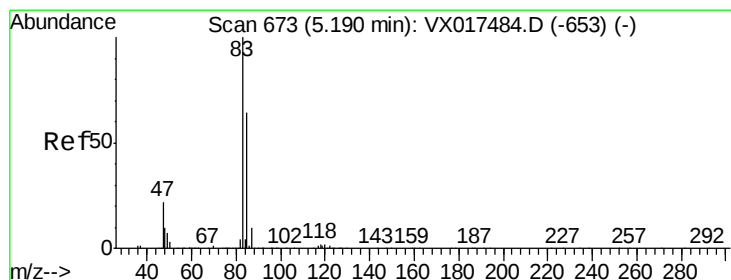
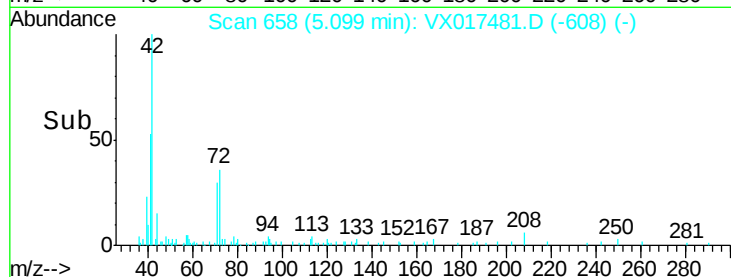
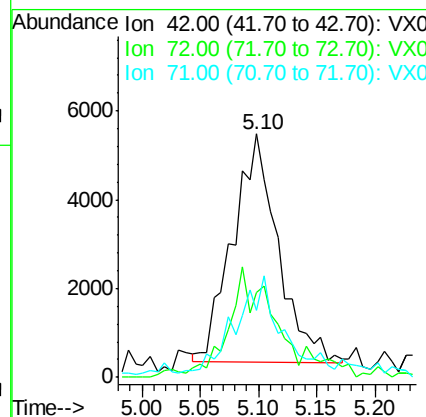
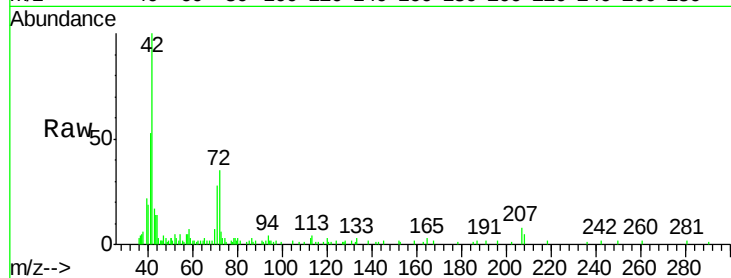
#29
Tetrahydrofuran
Concen: 5.112 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	34.1	51.1
71	42.1	32.3	48.5

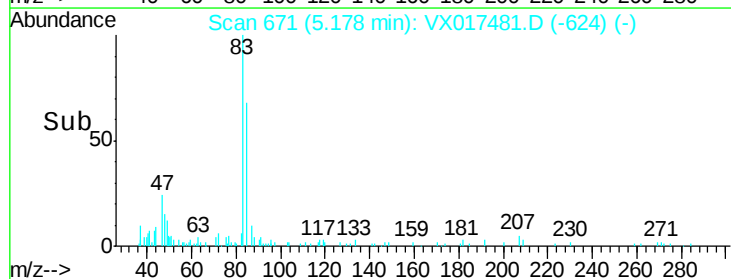
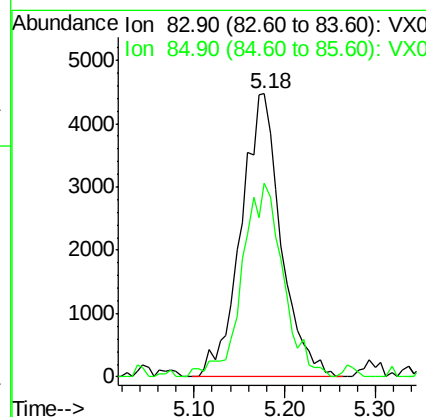
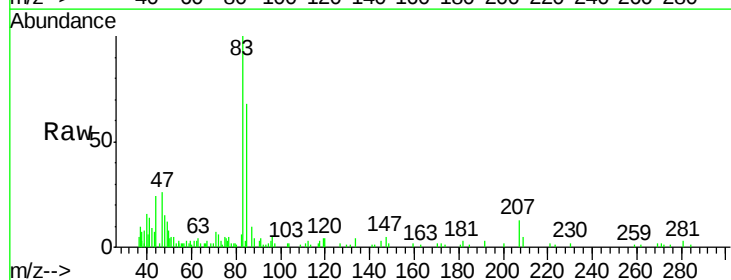
Manual Integrations
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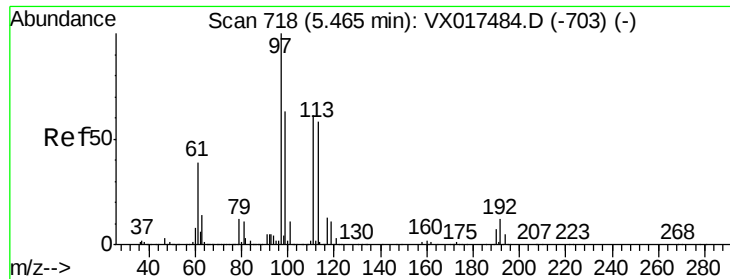
MMDadoda
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#30
Chloroform
Concen: 1.236 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.4	77.0





#32

1,1,1-Trichloroethane

Concen: 1.268 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

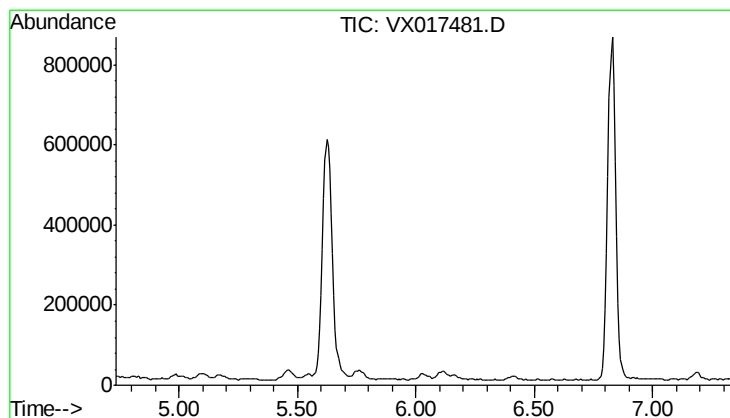
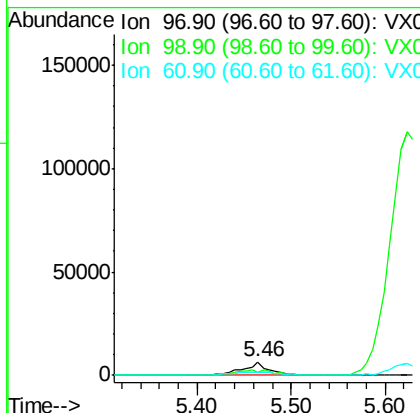
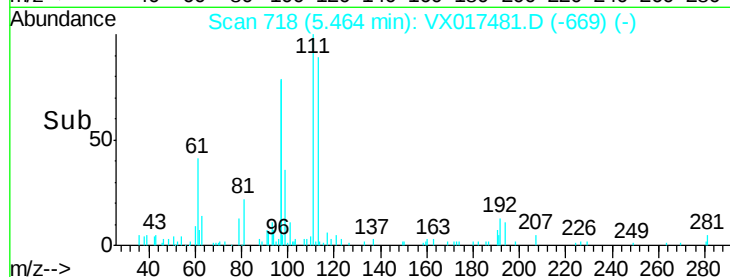
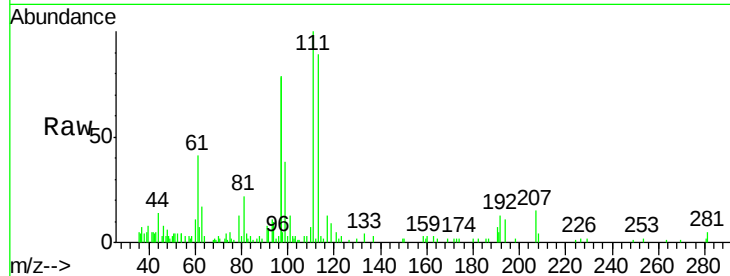
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.1	76.7#	
61	47.6	33.4	50.0	

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX017481.D

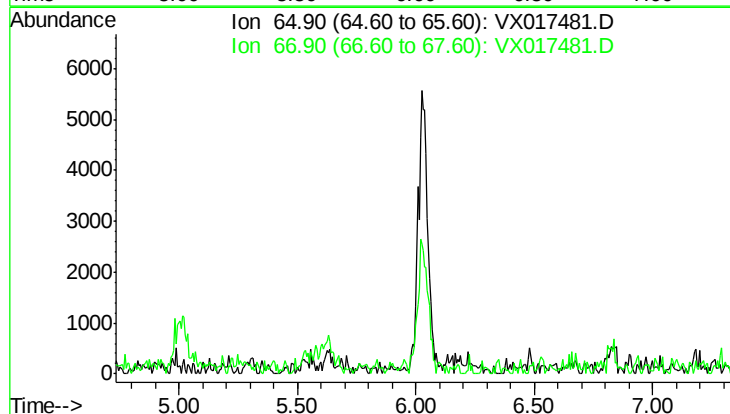
Acq: 23 Jul 2020 09:11

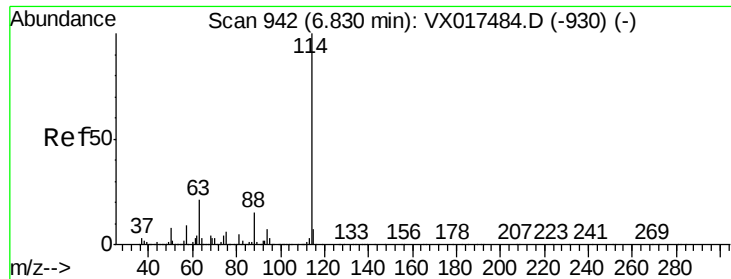
Tgt Ion: 65

Sig Exp Ratio

65 100

67 50.5





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

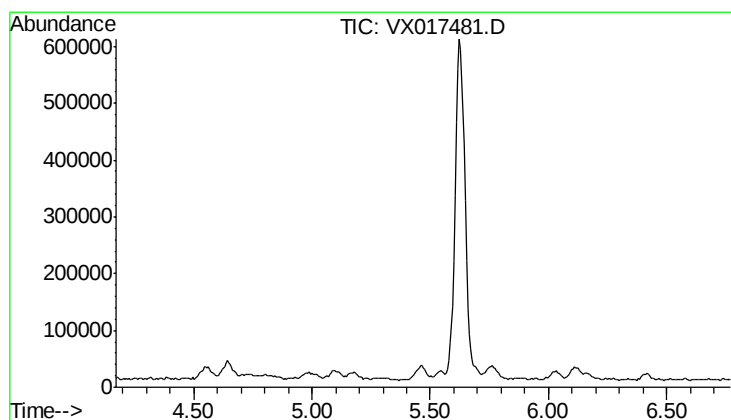
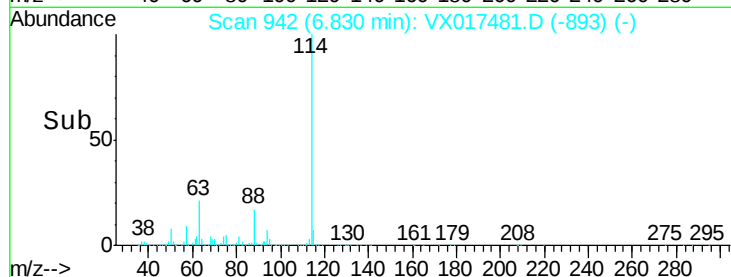
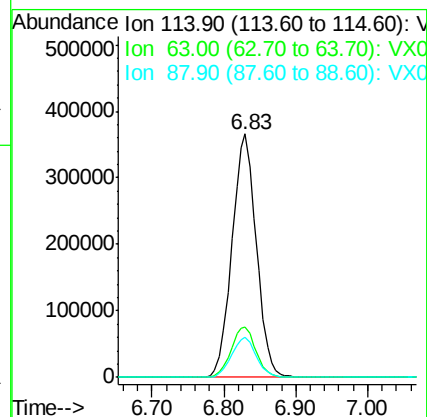
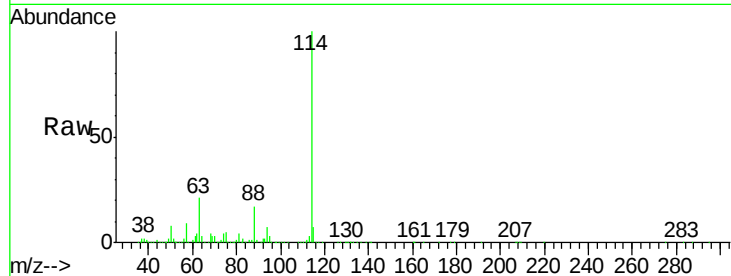
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.6	0.0	41.2
88	16.6	0.0	30.6

Manual Integrations
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#35

Dibromofluoromethane

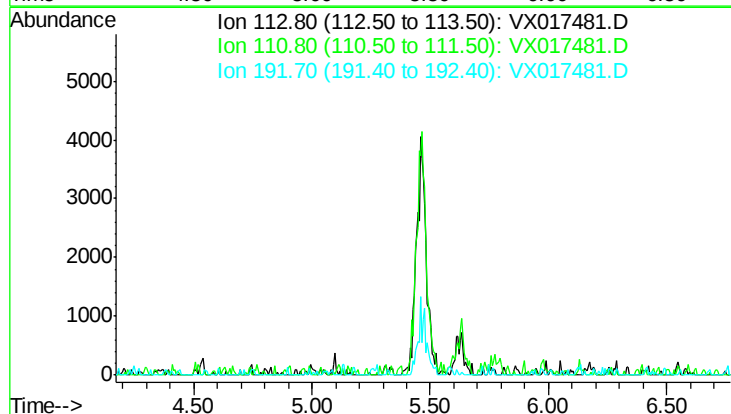
Concen: 0.000 ug/l

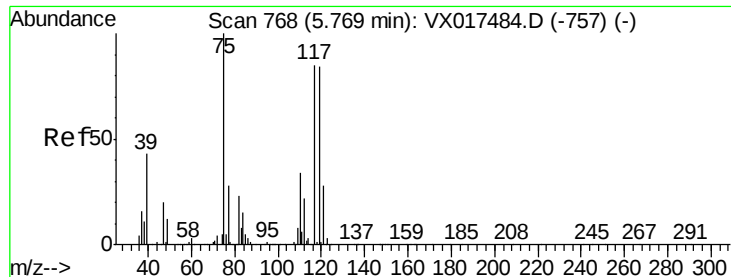
Expected RT: 5.47 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion	Exp Ratio
113	100
111	102.7
192	21.2





#36

1,1-Dichloropropene

Concen: 1.103 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

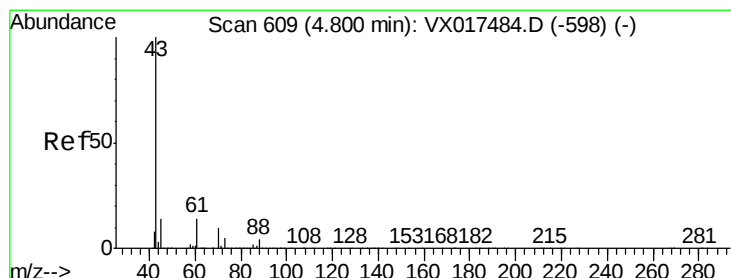
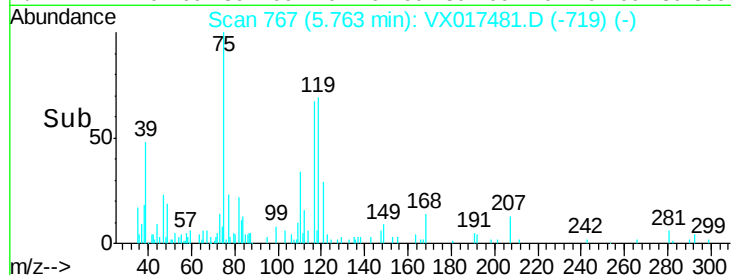
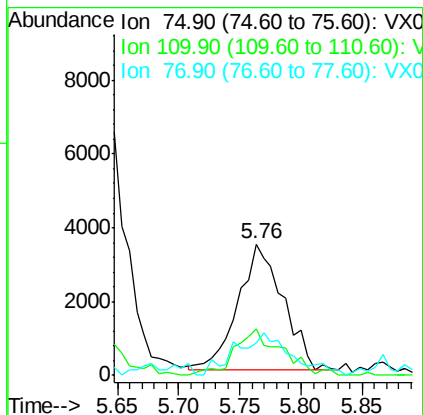
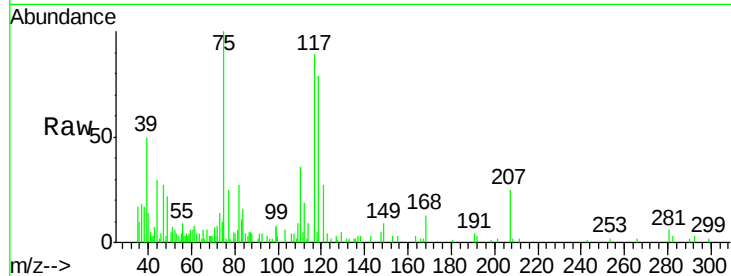
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	8694
Ion	Ratio	Lower	Upper
75	100		
110	39.0	18.1	54.3
77	41.5	24.5	36.7#

Manual Integrations
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#37

Ethyl Acetate

Concen: 0.992 ug/l

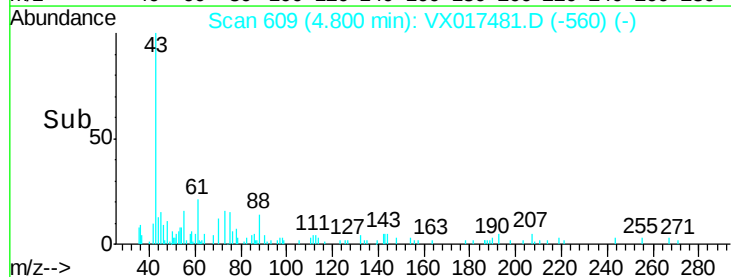
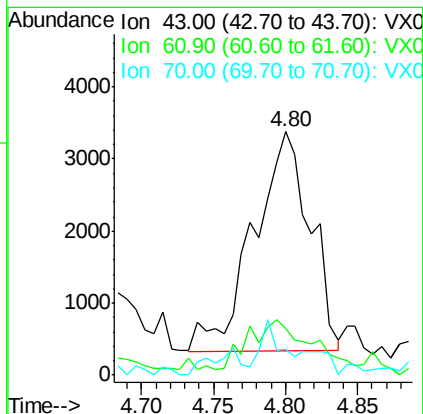
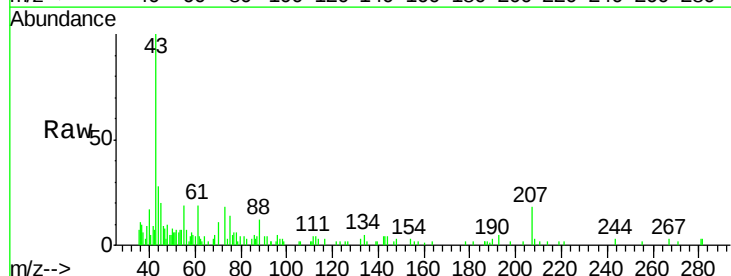
RT: 4.80 min Scan# 609

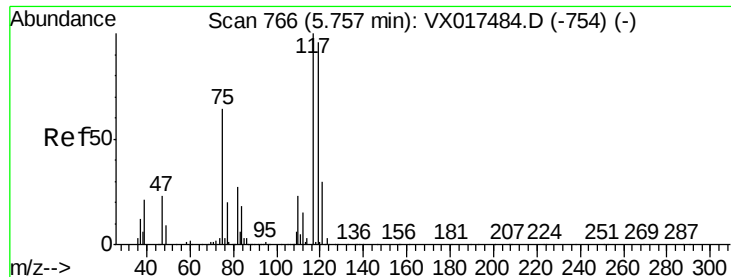
Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	43	Resp:	8349
Ion	Ratio	Lower	Upper
43	100		
61	24.0	11.0	16.4#
70	6.4	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 1.197 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

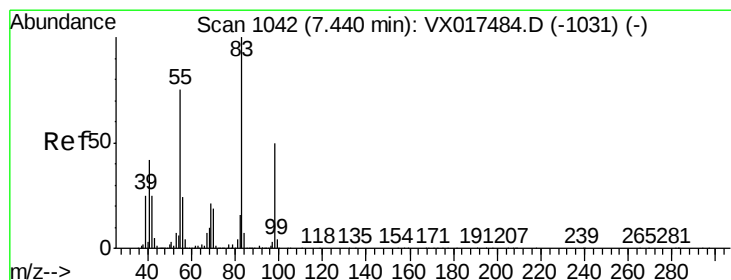
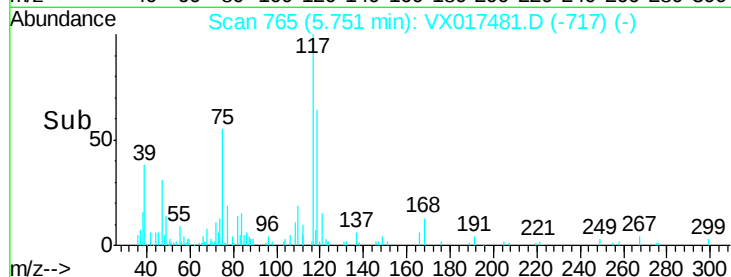
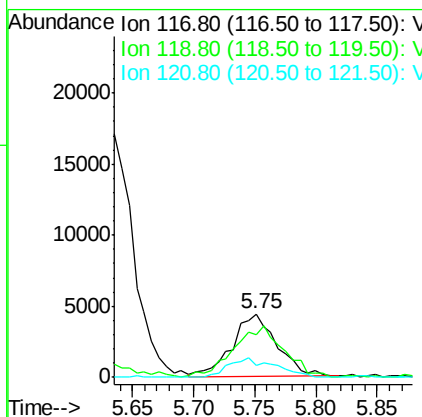
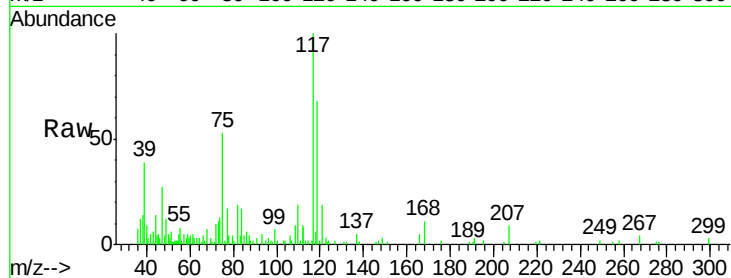
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	11084
Ion Ratio	Lower	Upper	
117	100		
119	71.6	76.7	115.1#
121	20.4	24.2	36.2#

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.133 ug/l

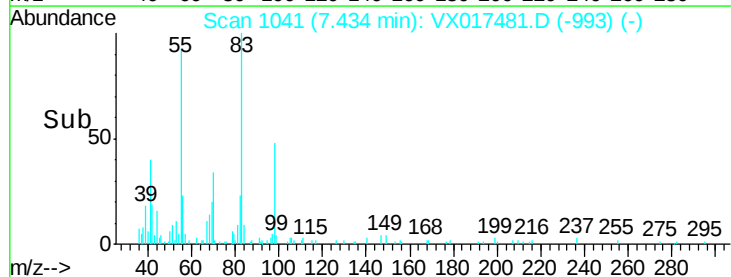
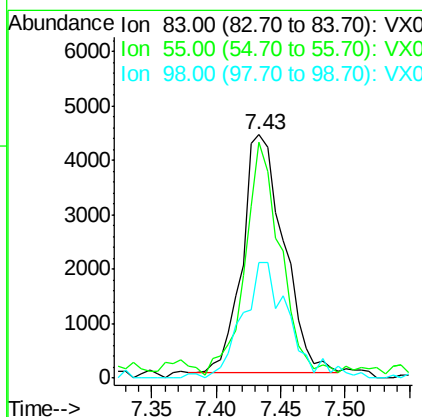
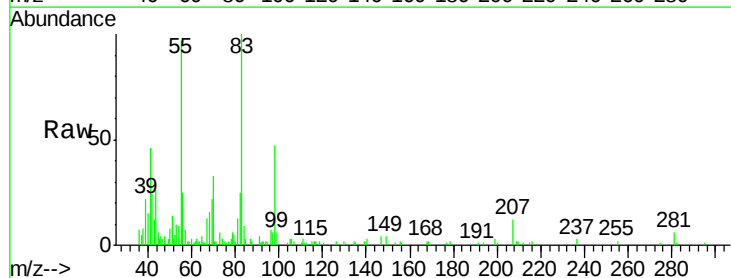
RT: 7.43 min Scan# 1041

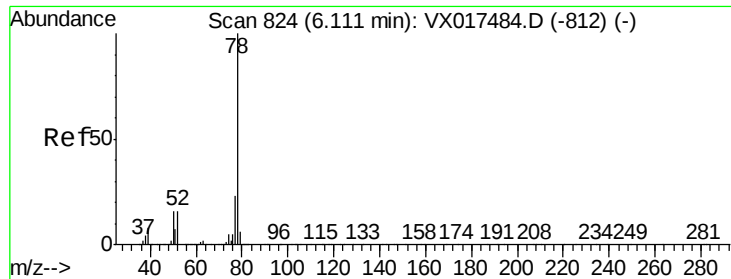
Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	83	Resp:	9714
Ion Ratio	Lower	Upper	
83	100		
55	97.2	60.2	90.2#
98	46.8	39.8	59.6





#40

Benzene

Concen: 1.209 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 27498

Ion Ratio Lower Upper

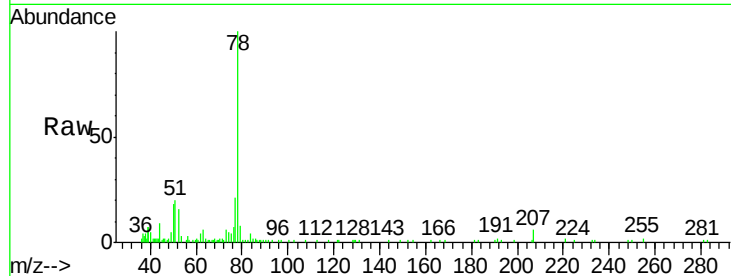
78 100

77 20.2 18.2 27.4

Manual Integrations
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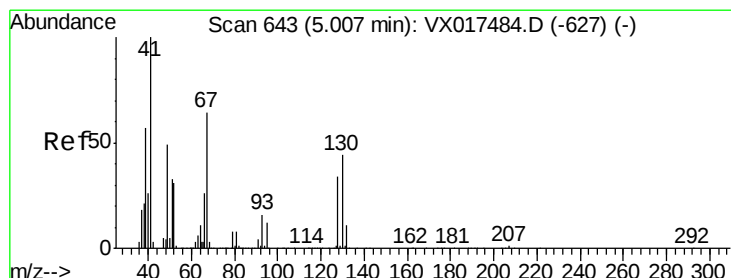
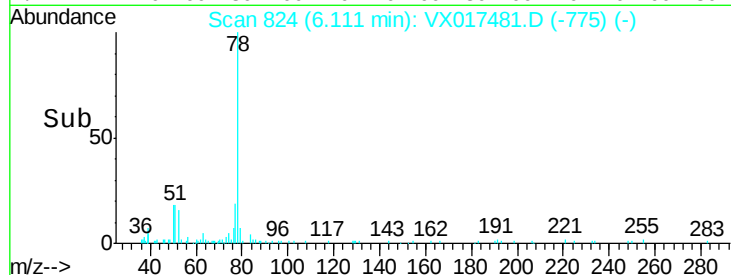
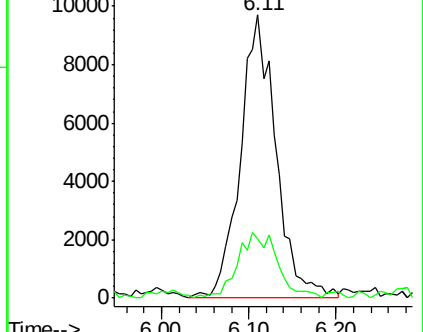
MMDadoda

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.242 ug/l m

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion: 41 Resp: 5583

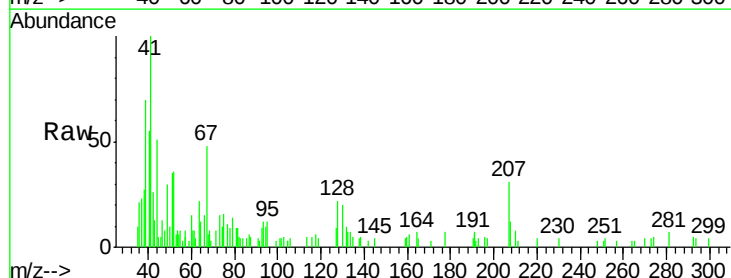
Ion Ratio Lower Upper

41 100

39 68.4 44.0 66.0#

67 75.3 55.0 82.4

52 34.1 22.3 33.5#

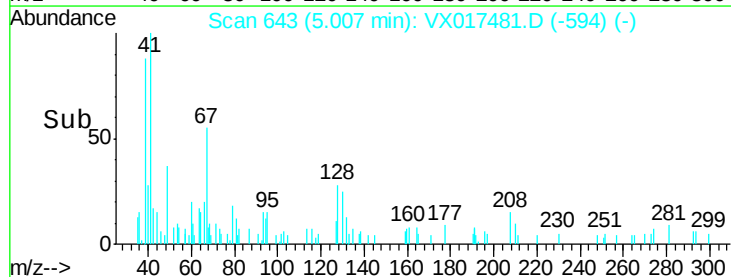
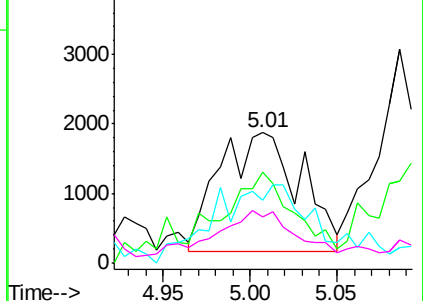


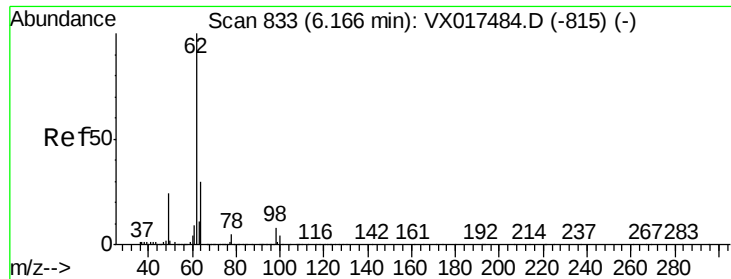
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





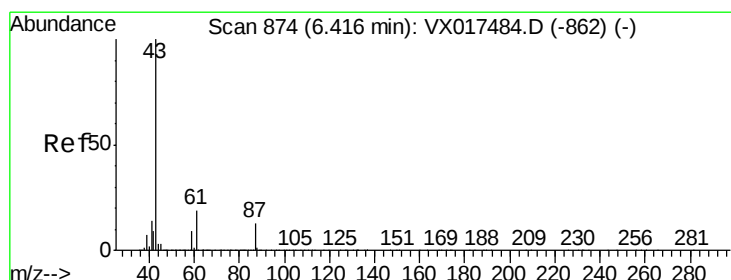
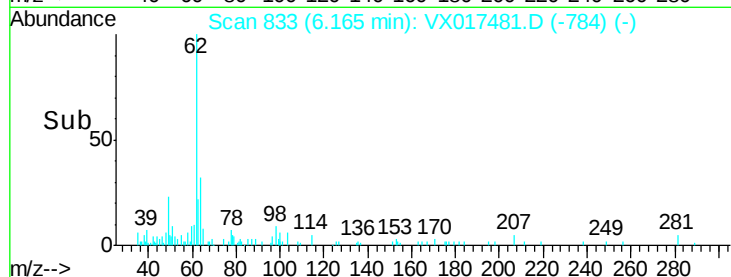
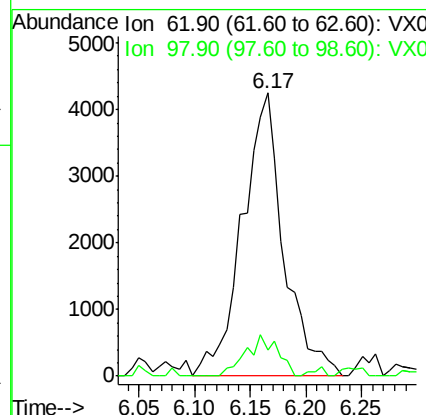
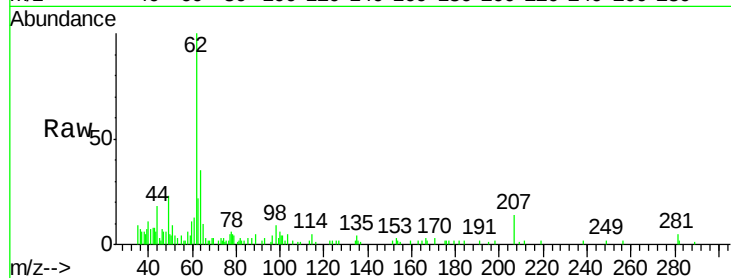
#42
 1,2-Dichloroethane
 Concen: 1.232 ug/l
 RT: 6.17 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100			
98	11.1	0.0	15.6	

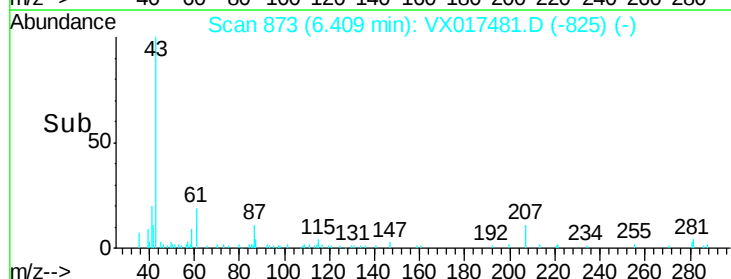
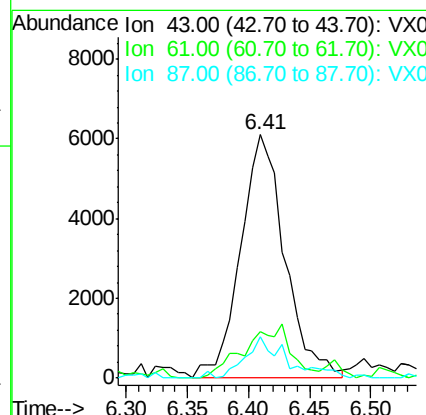
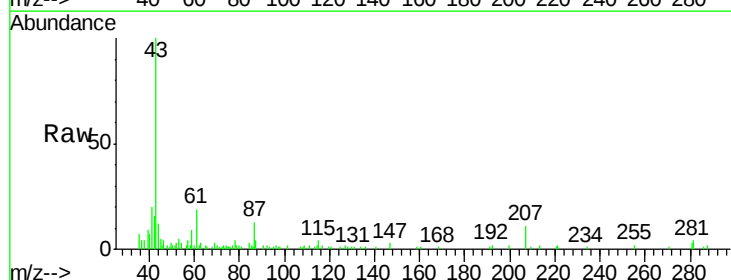
Manual Integrations
 APPROVED

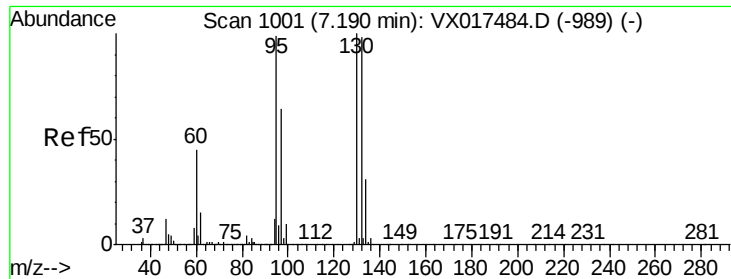
MMDadoda
 7/24/2020 1:00:46 PM



#43
 Isopropyl Acetate
 Concen: 1.132 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	23.1	15.6	23.4	
87	15.7	10.4	15.6#	





#44

Trichloroethene

Concen: 1.030 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 7082

Ion Ratio Lower Upper

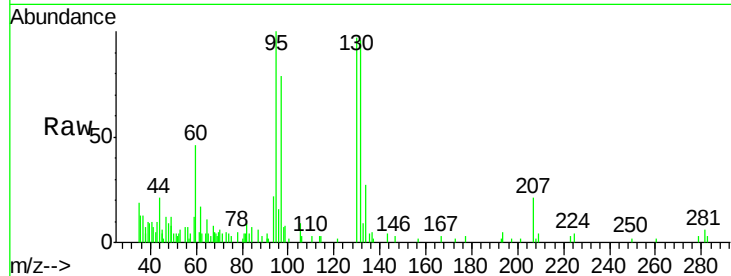
130 100

95 101.6 0.0 198.4

Manual Integrations
APPROVED

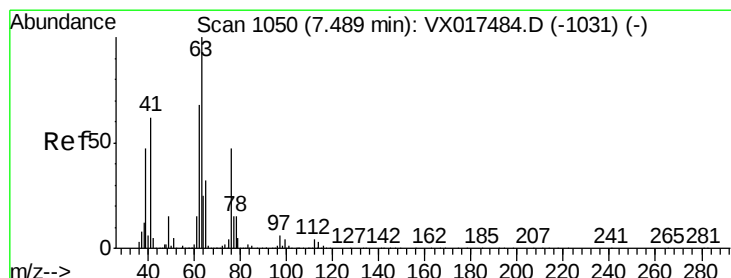
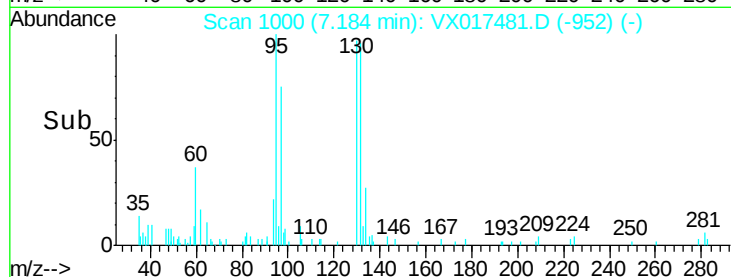
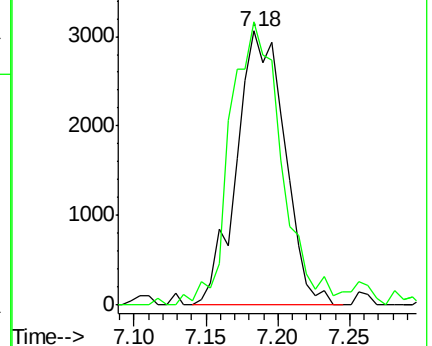
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.298 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017481.D

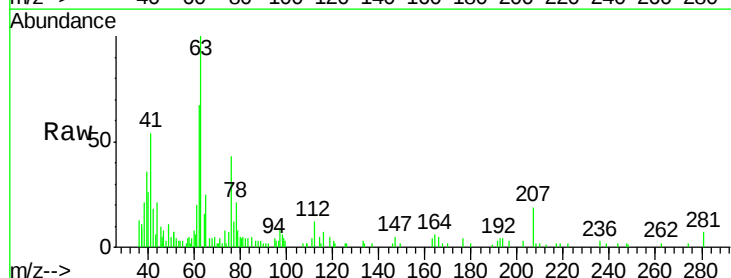
Acq: 23 Jul 2020 09:11

Tgt Ion: 63 Resp: 7551

Ion Ratio Lower Upper

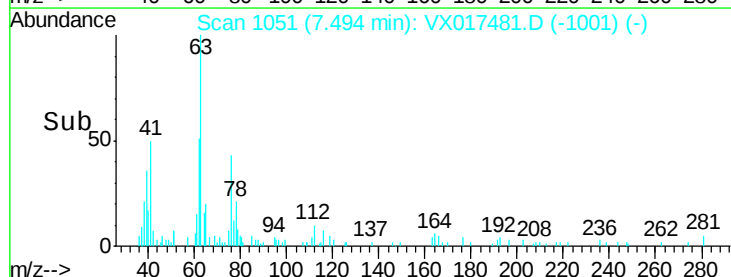
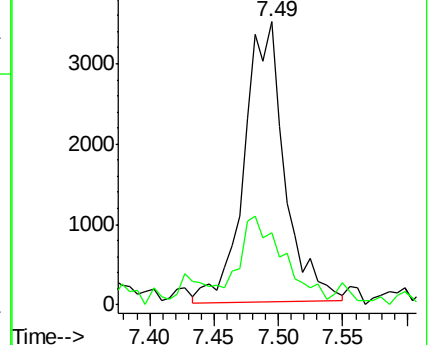
63 100

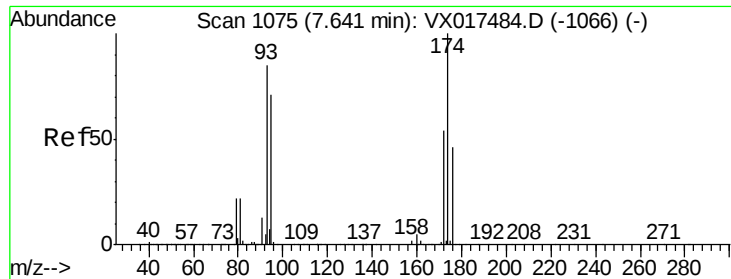
65 18.2 25.4 38.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.370 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

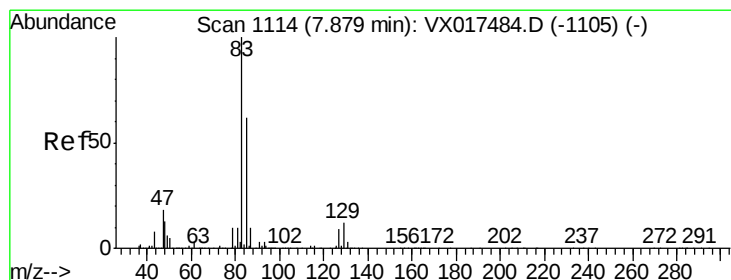
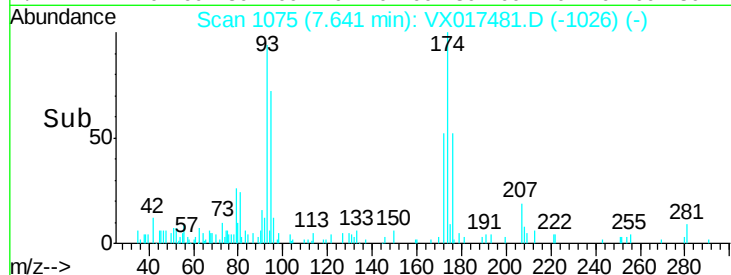
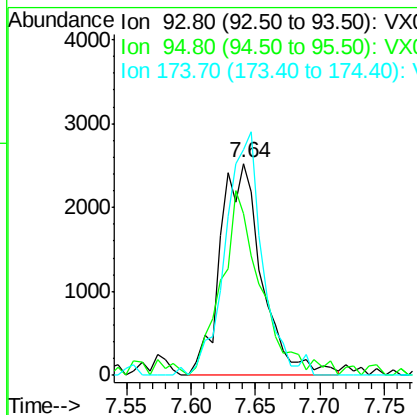
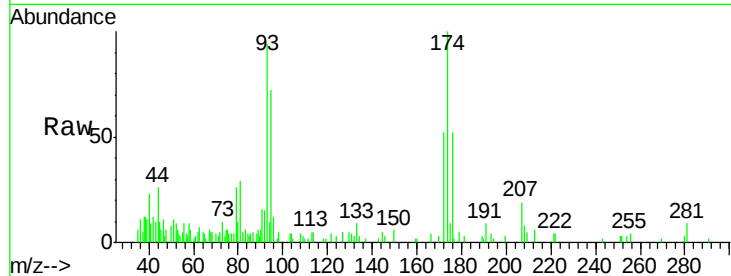
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	5741
Ion	Ratio	Lower	Upper
93	100		
95	79.7	65.7	98.5
174	102.3	91.8	137.8

Manual Integrations
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7/24/2020 1:00:46 PM



#47

Bromodichloromethane

Concen: 1.103 ug/l

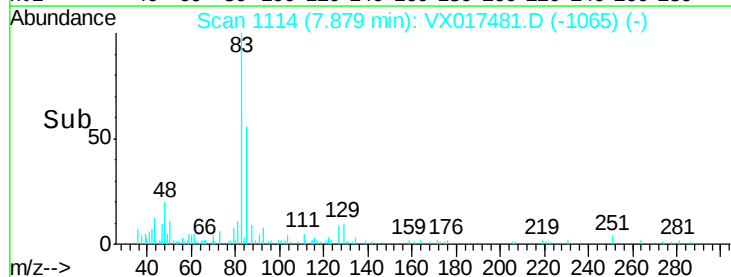
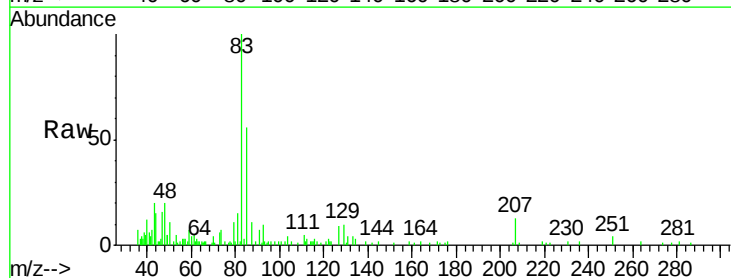
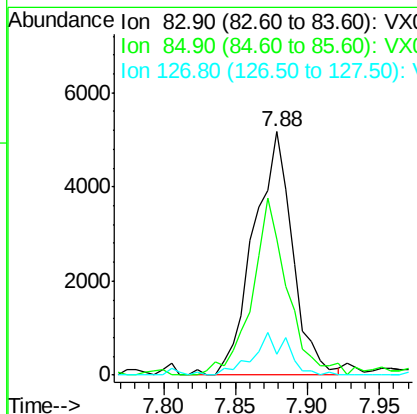
RT: 7.88 min Scan# 1114

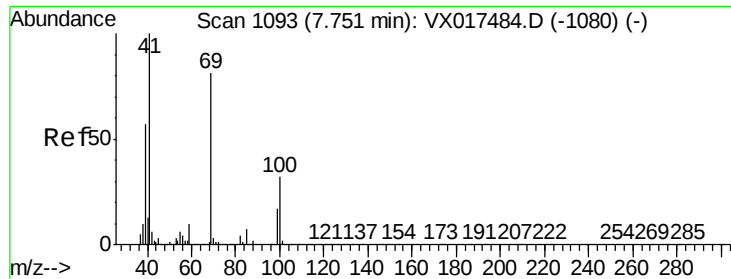
Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	83	Resp:	9657
Ion	Ratio	Lower	Upper
83	100		
85	56.0	49.6	74.4
127	8.7	7.4	11.2





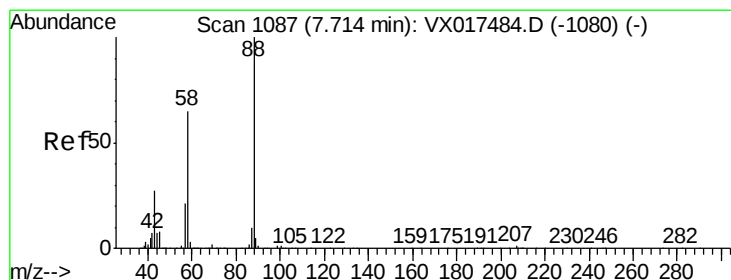
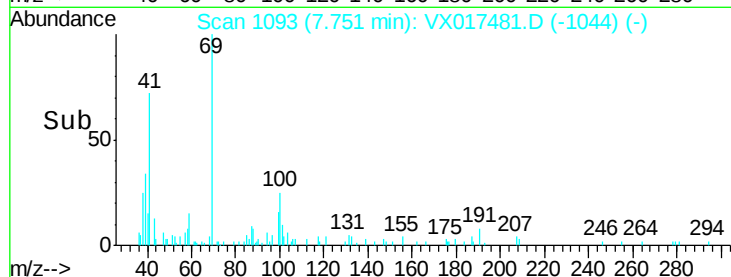
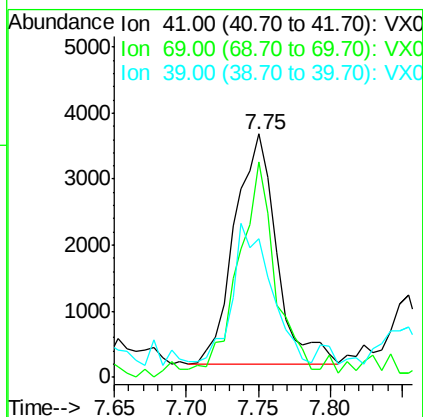
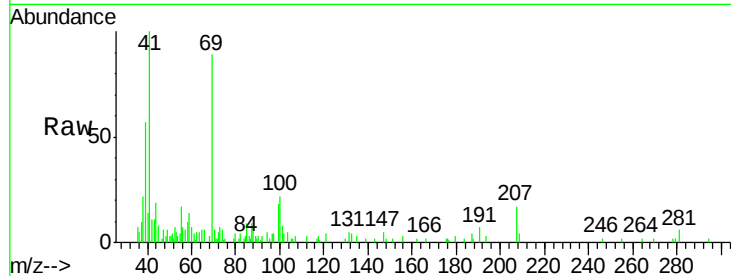
#48
Methvl methacrylate
Concen: 1.125 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	82.8	64.3	96.5
39	53.7	46.8	70.2

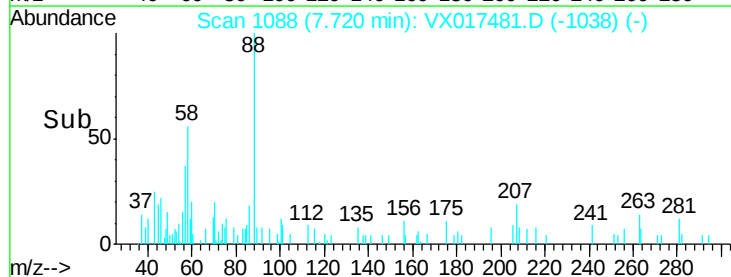
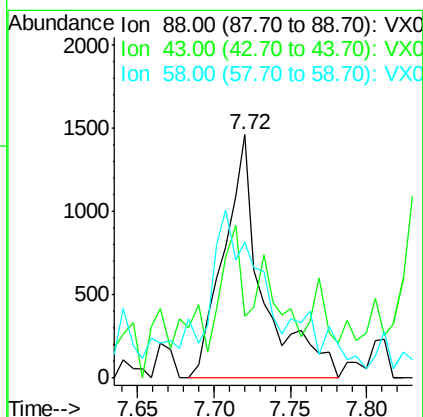
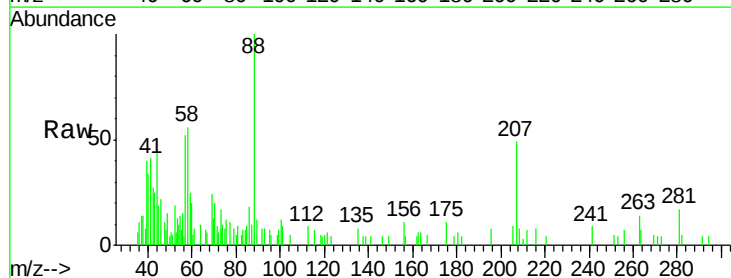
Manual Integrations
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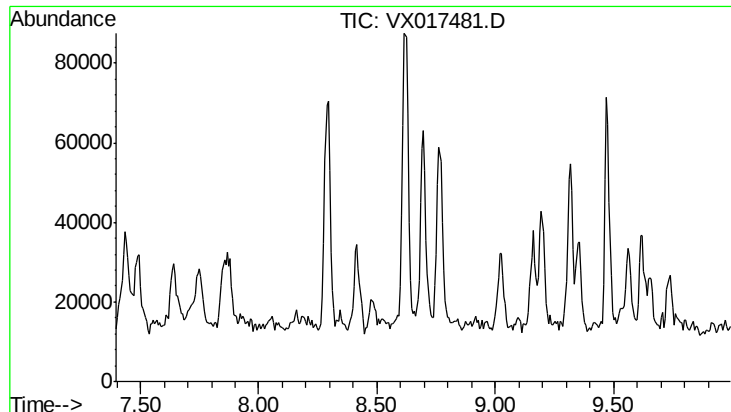
MMDadoda
7/24/2020 1:00:46 PM



#49
1,4-Dioxane
Concen: 20.188 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.3	27.3	40.9
58	73.6	55.5	83.3





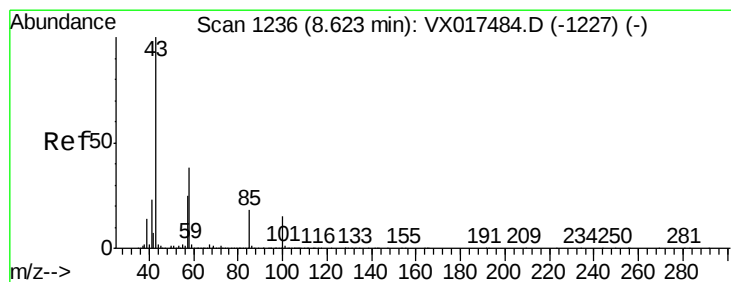
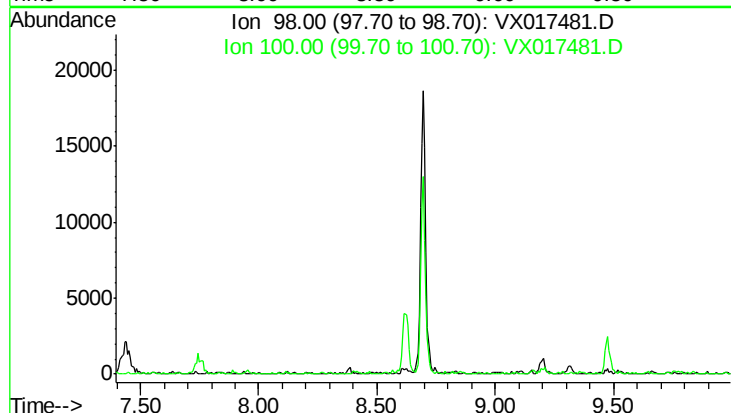
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.3

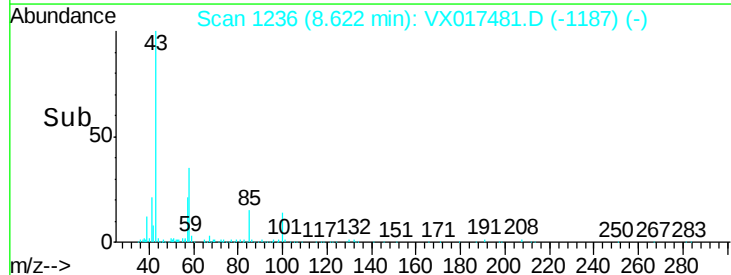
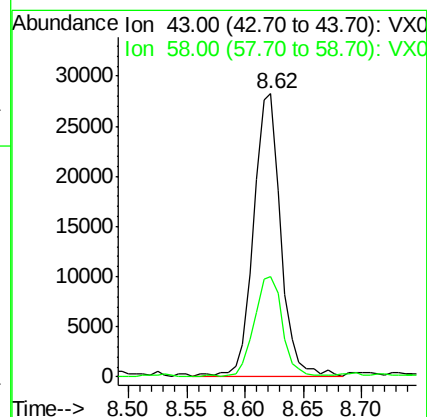
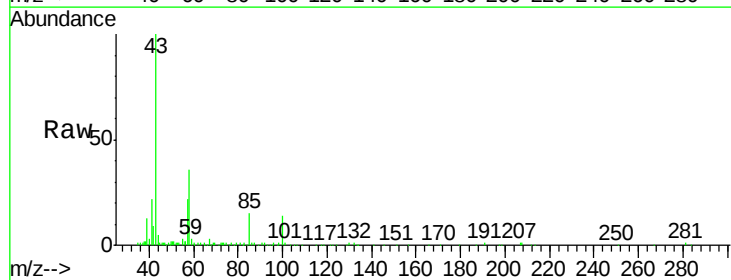
Manual Integrations
APPROVED

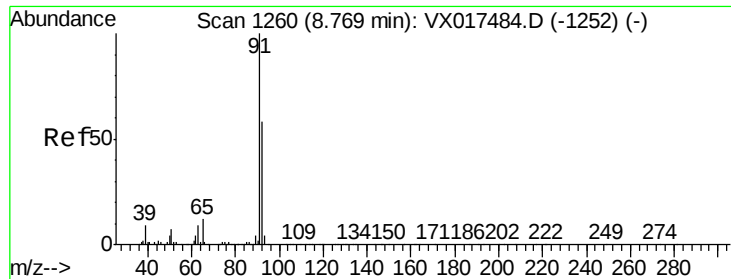
MMDadoda
7/24/2020 1:00:46 PM



#51
4-Methyl-2-Pentanone
Concen: 5.705 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 43 Resp: 46455
Ion Ratio Lower Upper
43 100
58 36.4 30.6 46.0





#52

Toluene

Concen: 1.151 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 16682

Ion Ratio Lower Upper

92 100

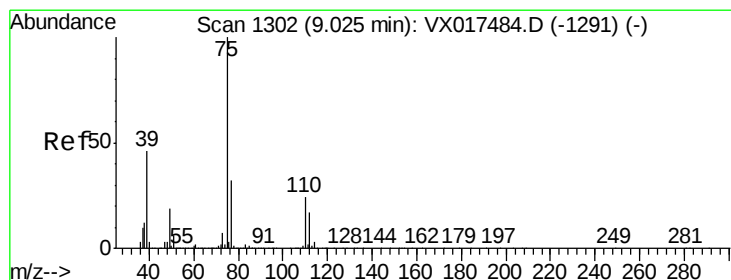
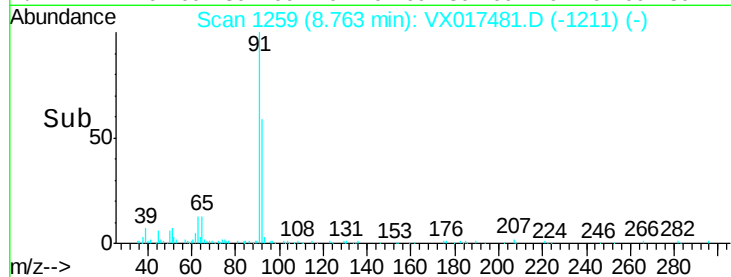
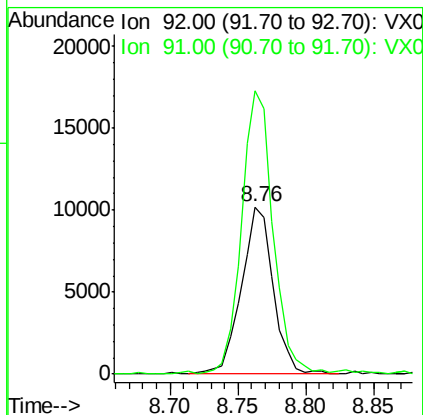
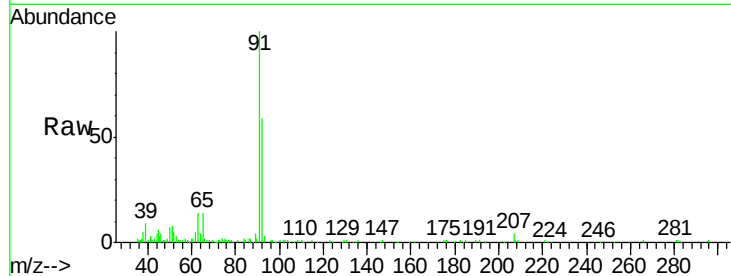
91 167.1 138.5 207.7

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 1.072 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017481.D

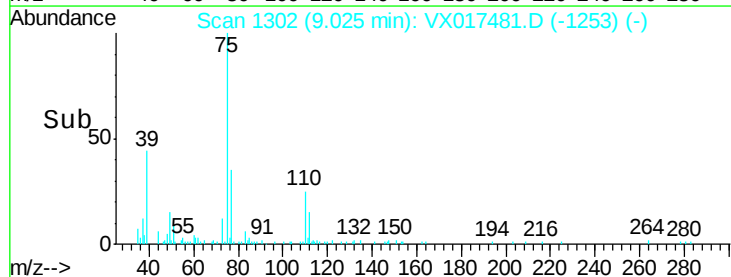
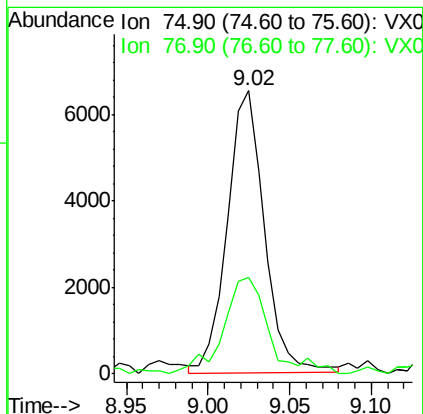
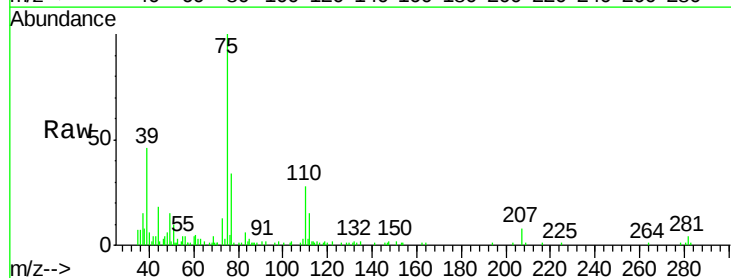
Acq: 23 Jul 2020 09:11

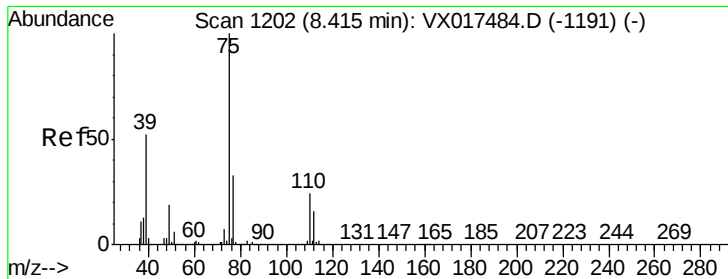
Tgt Ion: 75 Resp: 10271

Ion Ratio Lower Upper

75 100

77 35.1 25.4 38.2





#54

cis-1,3-Dichloropropene

Concen: 1.056 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

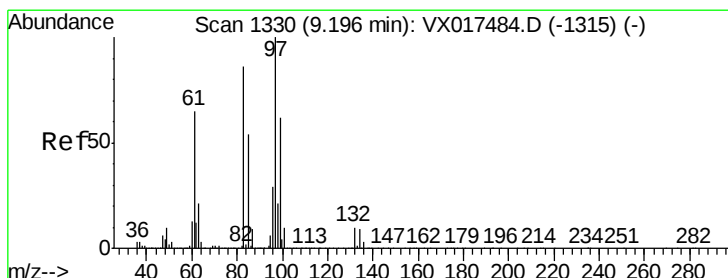
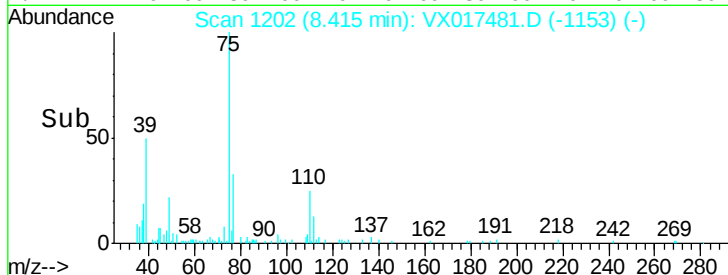
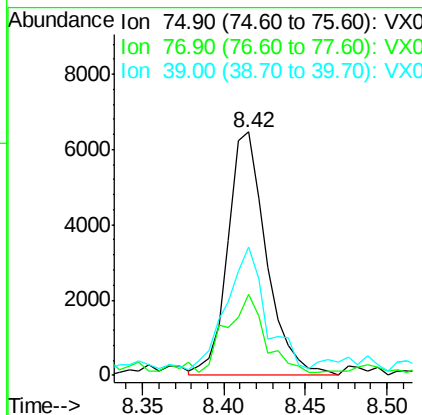
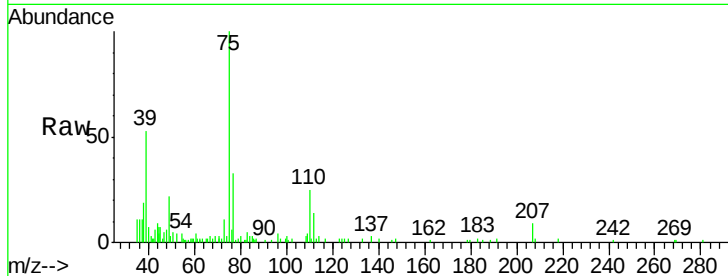
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	10632
Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.6	39.8
39	50.7	41.1	61.7

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#55

1,1,2-Trichloroethane

Concen: 1.157 ug/l

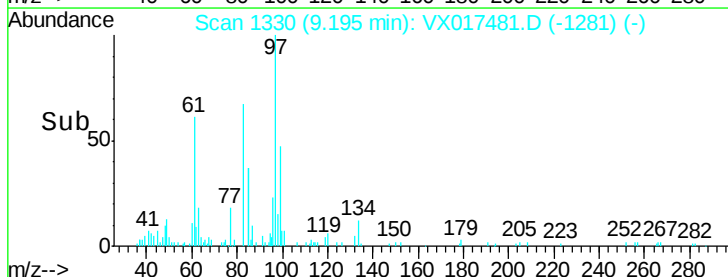
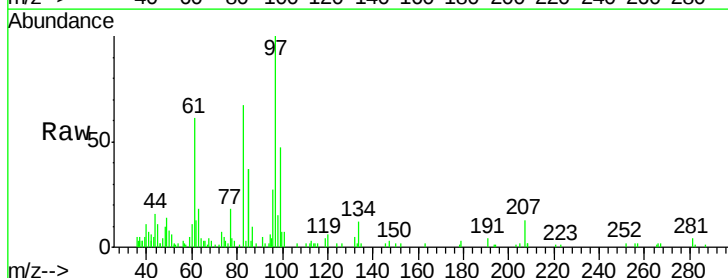
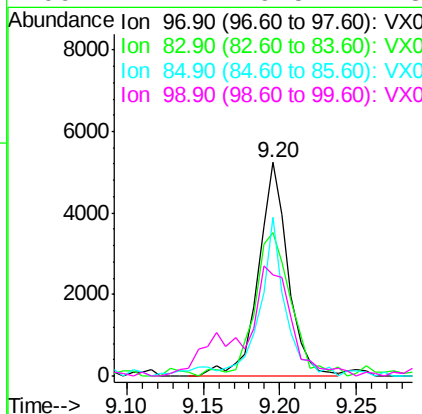
RT: 9.20 min Scan# 1330

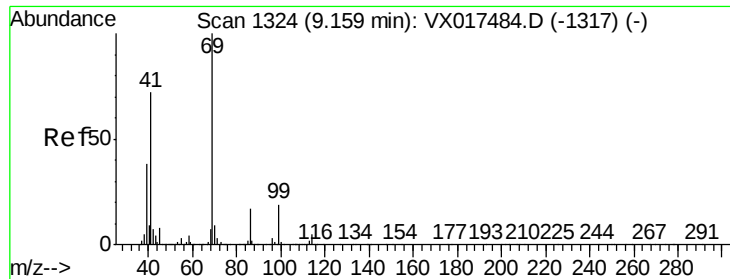
Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	97	Resp:	7070
Ion	Ratio	Lower	Upper
97	100		
83	65.8	68.9	103.3#
85	74.6	43.6	65.4#
99	44.1	49.5	74.3#





#56

Ethyl methacrylate

Concen: 1.066 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

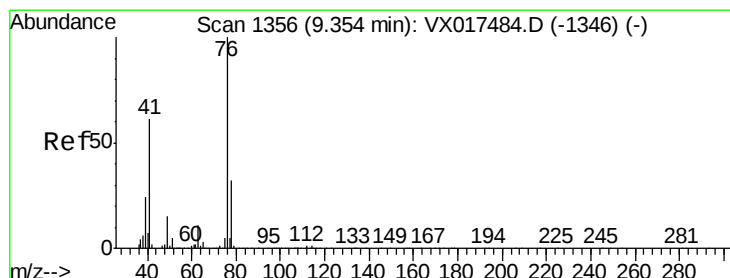
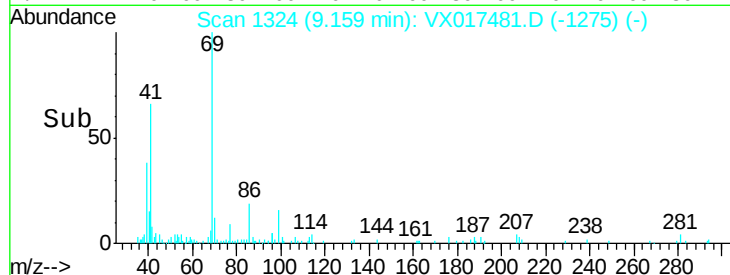
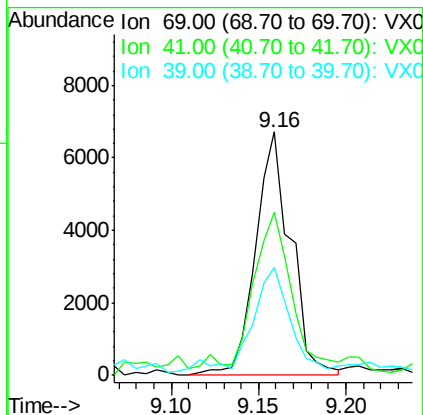
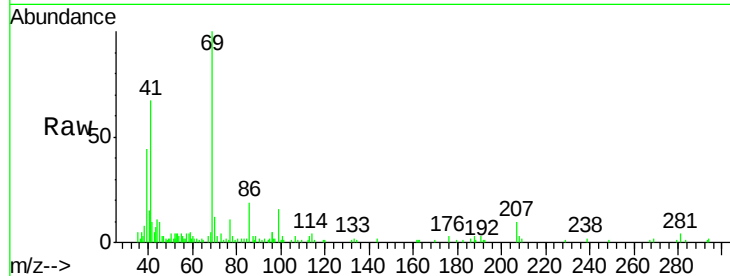
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	9359
Ion	Ratio	Lower	Upper
69	100		
41	65.3	55.5	83.3
39	48.5	30.4	45.6

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.056 ug/l

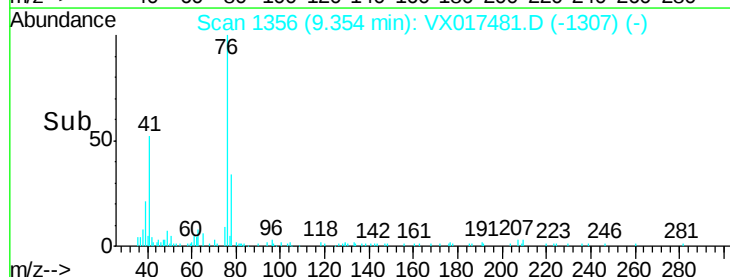
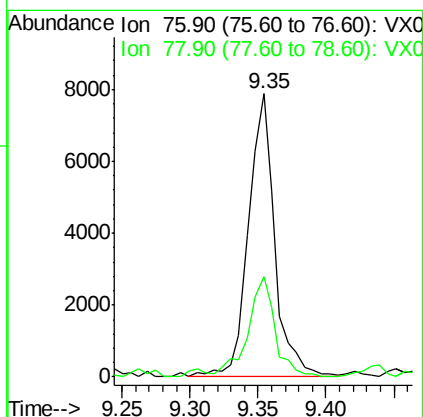
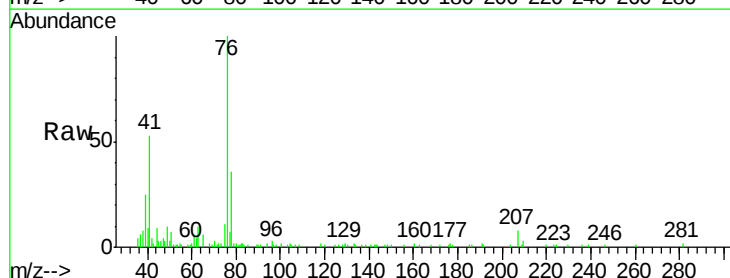
RT: 9.35 min Scan# 1356

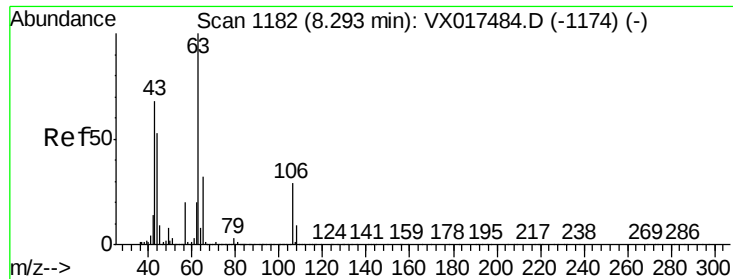
Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	76	Resp:	10743
Ion	Ratio	Lower	Upper
76	100		
78	36.4	25.7	38.5





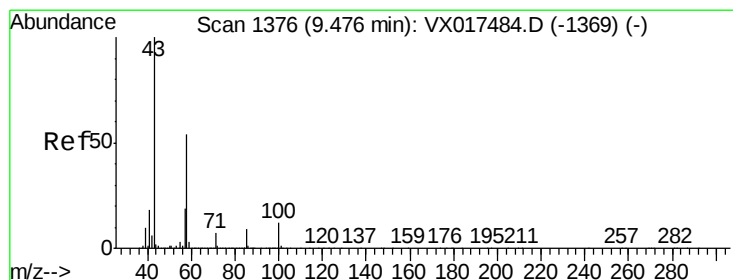
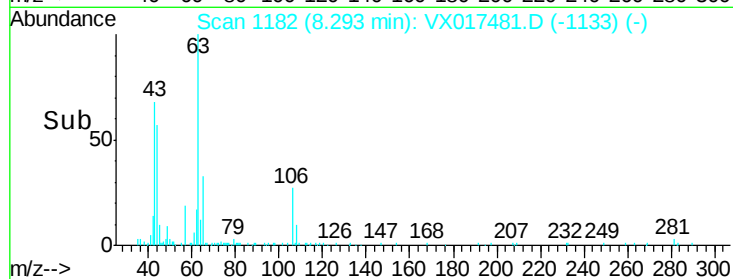
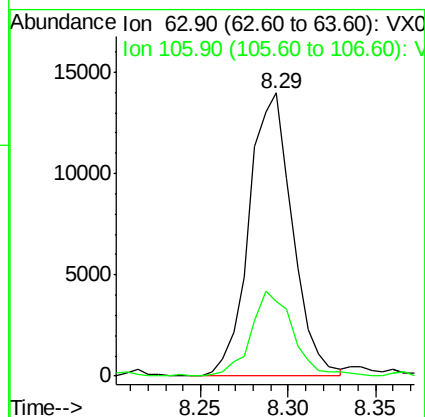
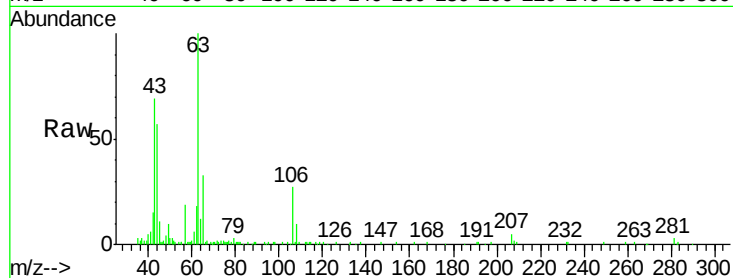
#58
 2-Chloroethyl Vinyl ether
 Concen: 5.404 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 24049
 Ion Ratio Lower Upper
 63 100
 106 29.6 22.8 34.2

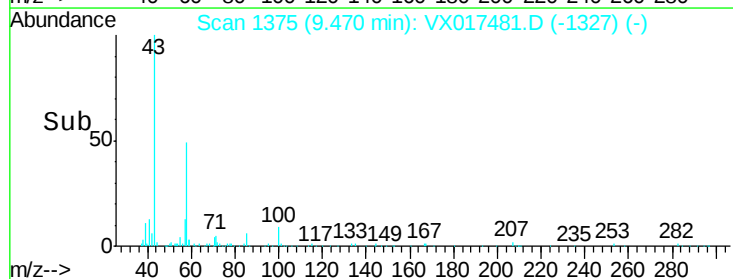
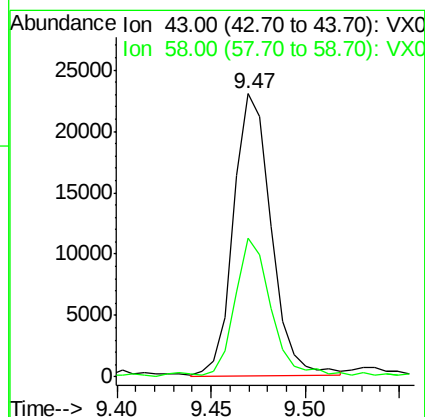
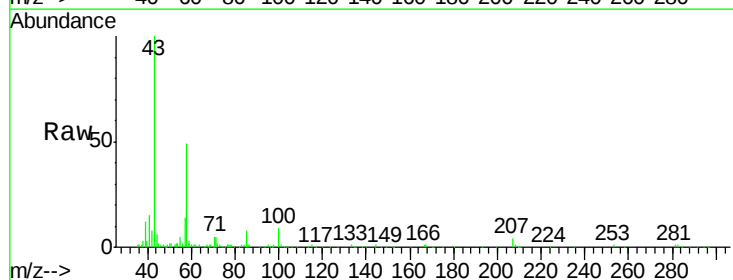
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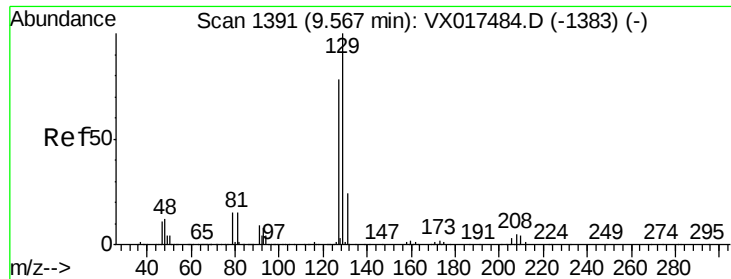
MMDadoda
 7/24/2020 1:00:46 PM



#59
 2-Hexanone
 Concen: 5.176 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion: 43 Resp: 31963
 Ion Ratio Lower Upper
 43 100
 58 45.5 26.3 78.8





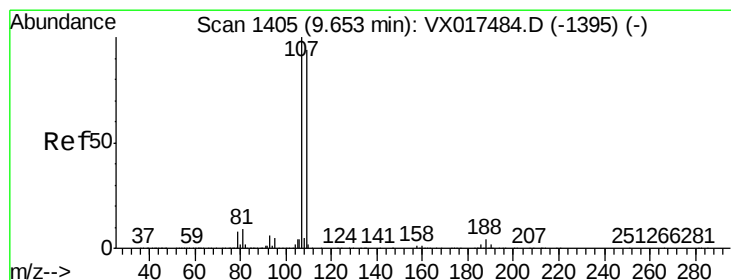
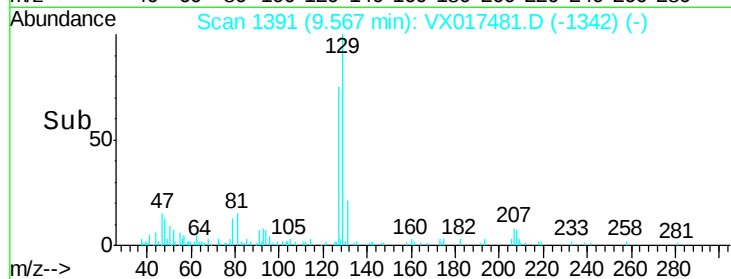
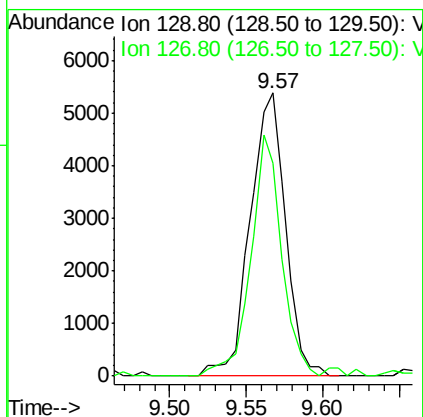
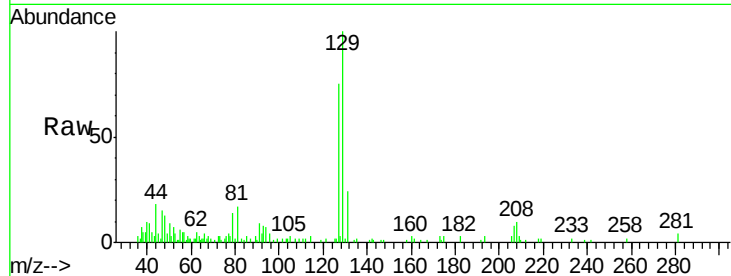
#60
 Dibromochloromethane
 Concen: 1.155 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	73.7	38.6	115.7

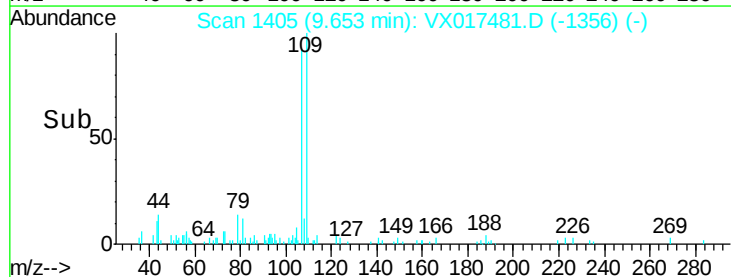
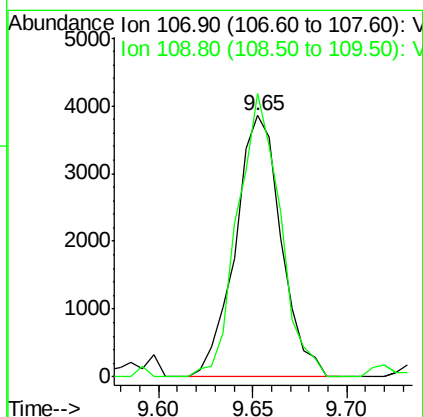
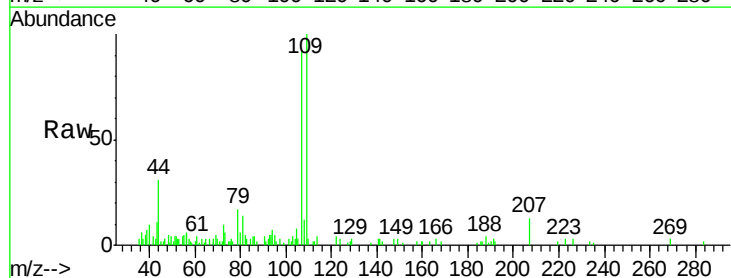
Manual Integrations
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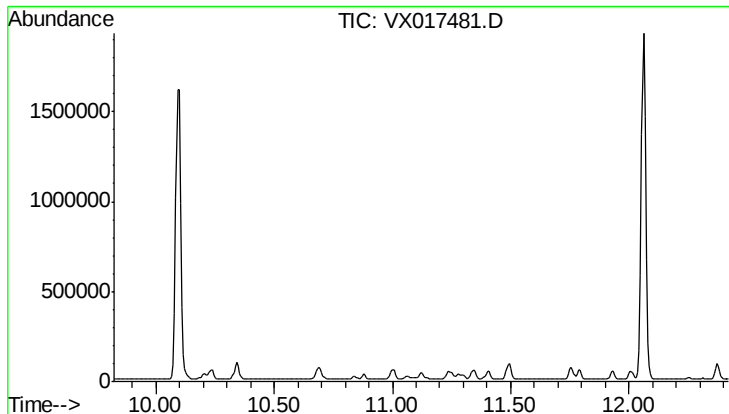
MMDadoda
 7/24/2020 1:00:46 PM



#61
 1,2-Dibromoethane
 Concen: 0.978 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
107	100		
109	100.2	75.0	112.6





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tot Ion: 95

Sig Exp Ratio

95 100

174 84.6

176 83.6

Instrument :

MSVOA_X

ClientSampleId :

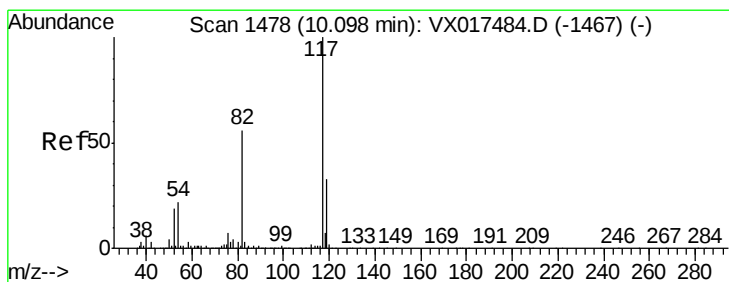
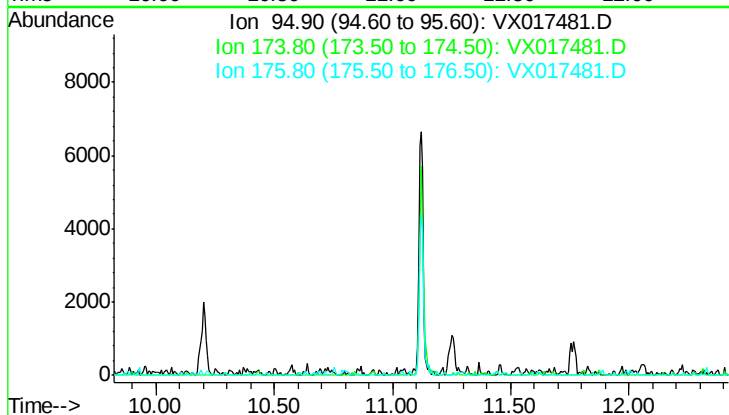
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

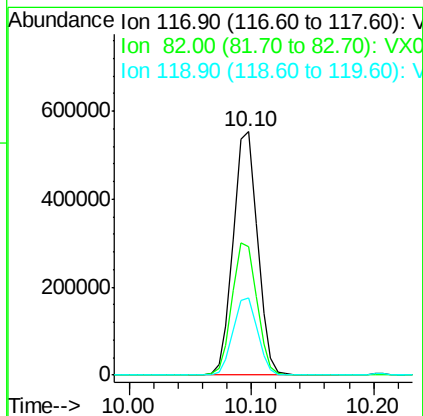
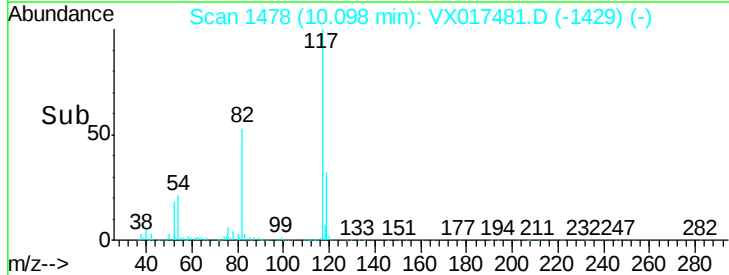
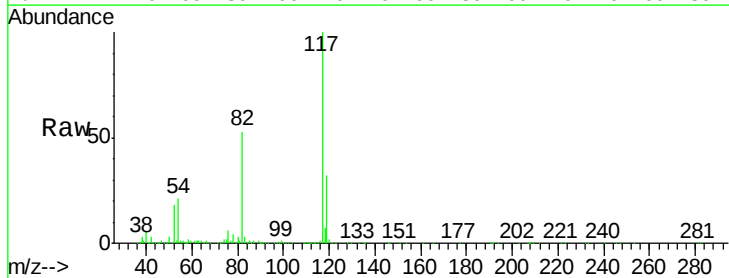
Tgt Ion: 117 Resp: 759572

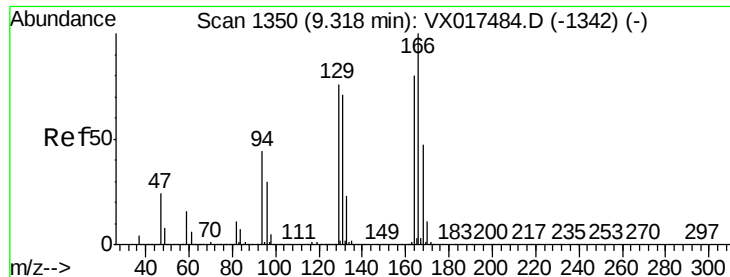
Ion Ratio Lower Upper

117 100

82 52.8 44.6 66.8

119 31.8 26.6 39.8





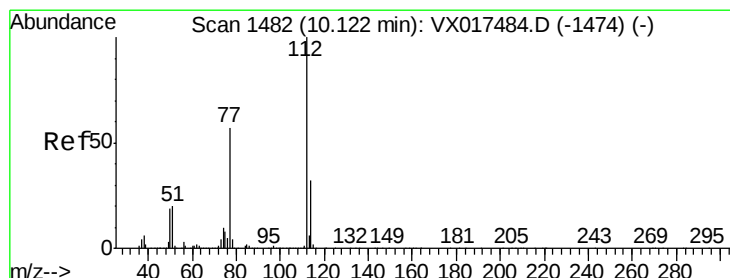
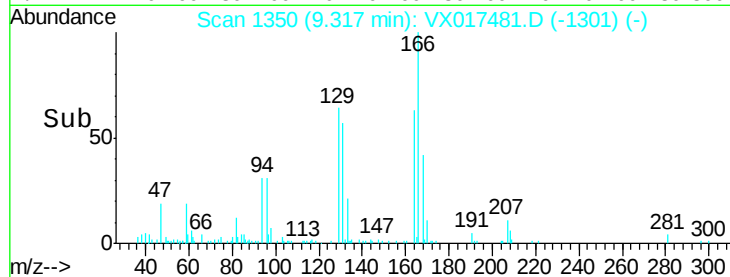
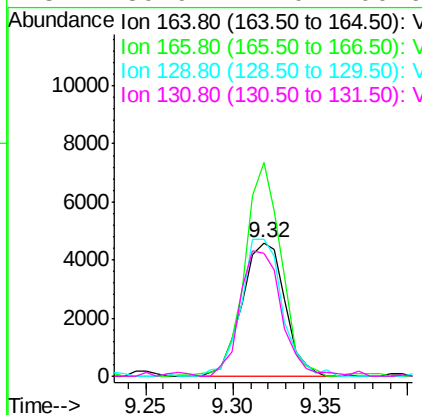
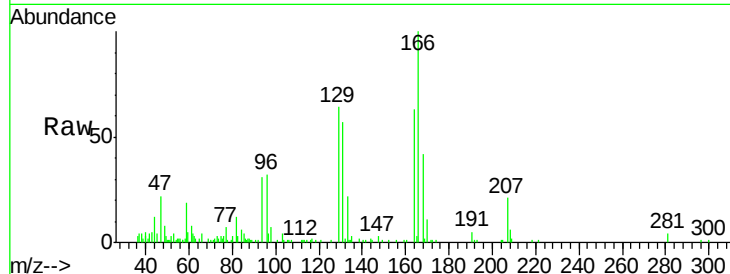
#64
Tetrachloroethene
Concen: 1.190 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	159.8	100.2	150.4#
129	102.7	75.8	113.6
131	89.9	71.0	106.6

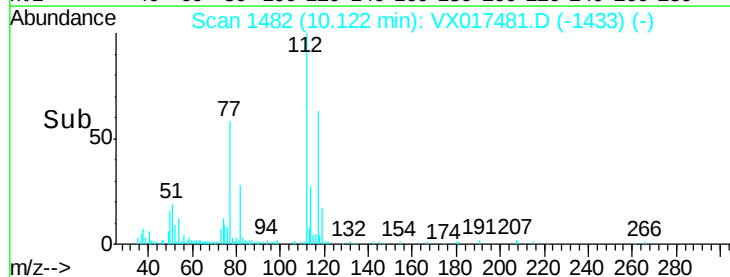
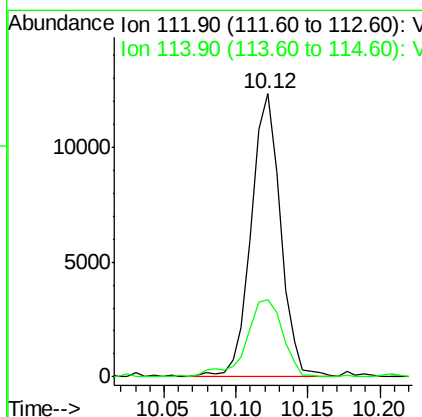
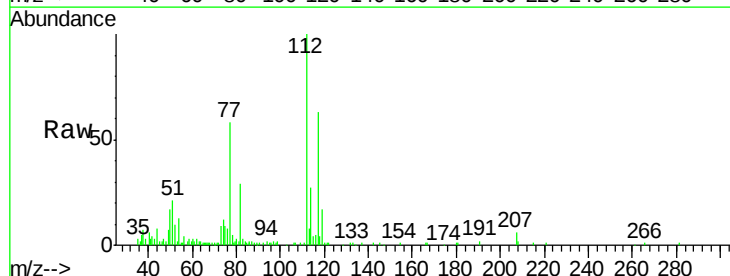
Manual Integrations
APPROVED

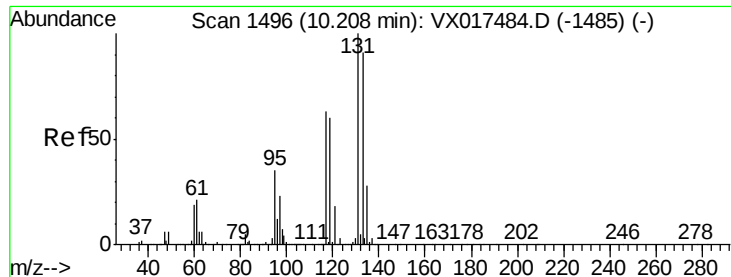
MMDadoda
7/24/2020 1:00:46 PM



#65
Chlorobenzene
Concen: 1.117 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	27.5	25.8	38.8





#66

1,1,1,2-Tetrachloroethane

Concen: 1.216 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

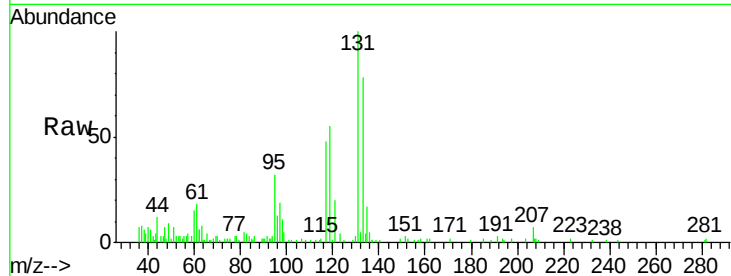
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	99.4	46.9	140.7
119	0.0	30.9	92.8#

Manual Integrations
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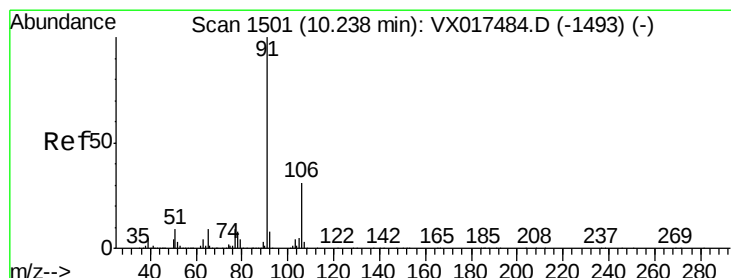
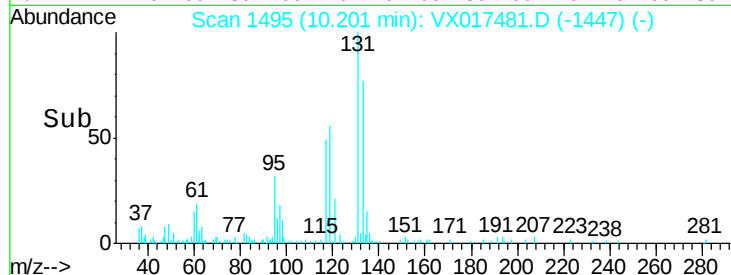
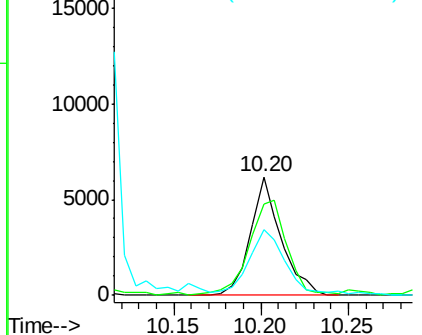
MMDadoda
7/24/2020 1:00:46 PM



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.034 ug/l

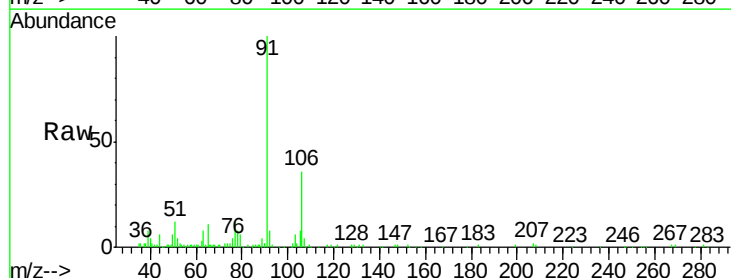
RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017481.D

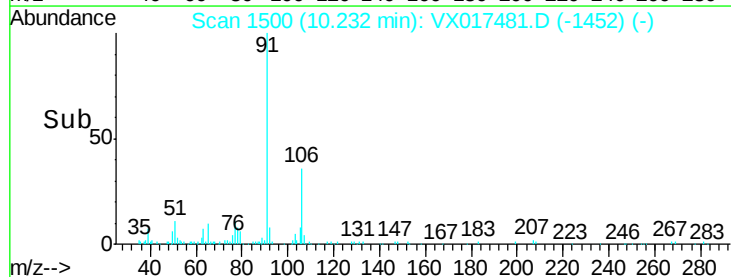
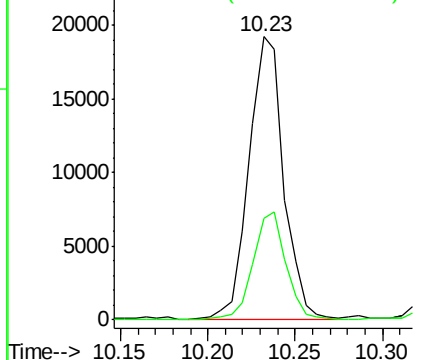
Acq: 23 Jul 2020 09:11

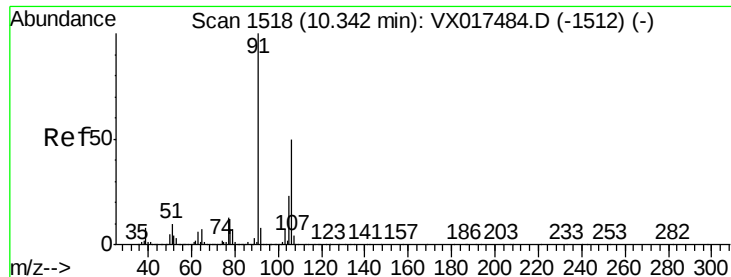
Tgt Ion	Ratio	Lower	Upper
91	100		
106	35.7	25.1	37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





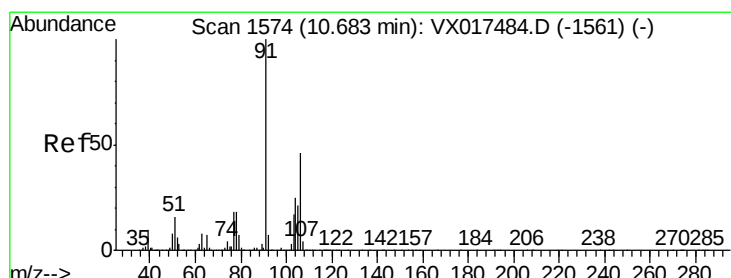
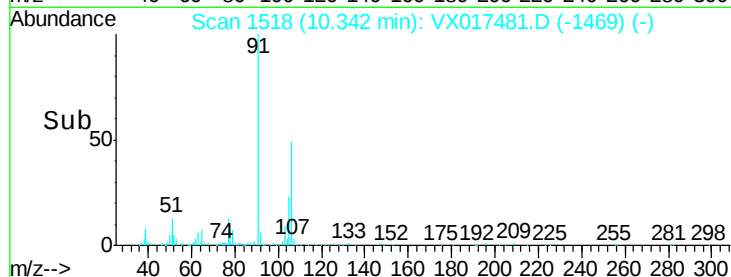
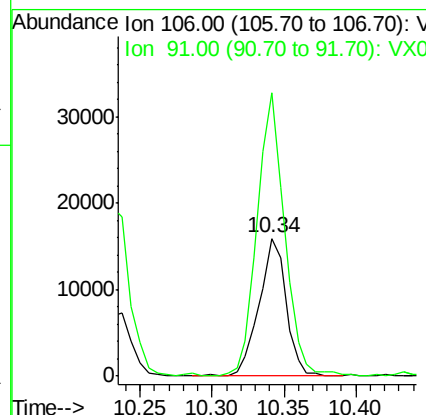
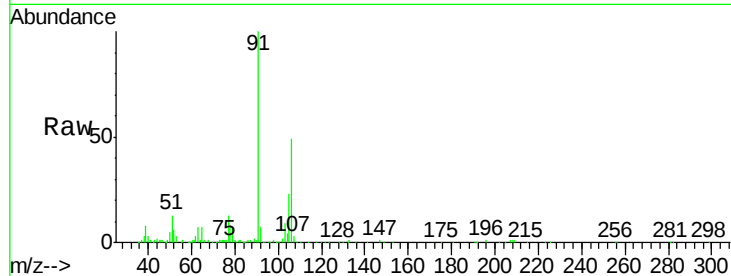
#68
m/p-Xylenes
Concen: 2.103 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 20728
Ion Ratio Lower Upper
106 100
91 205.7 163.4 245.2

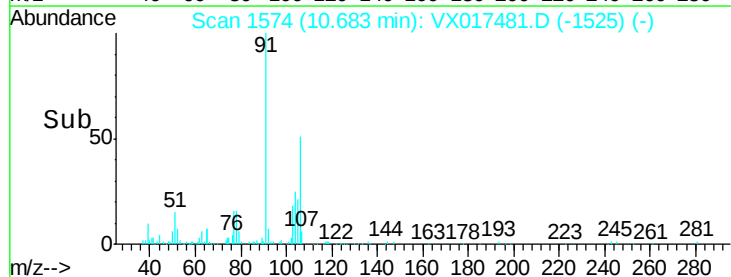
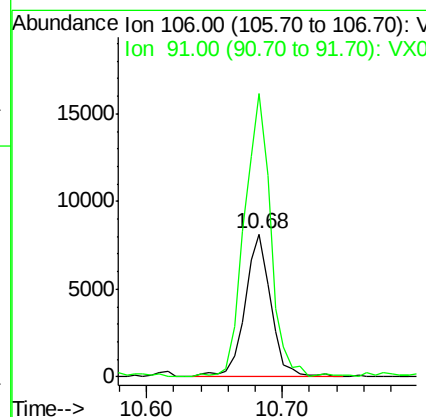
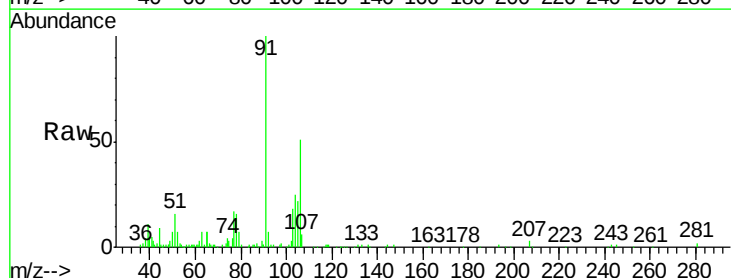
Manual Integrations
APPROVED

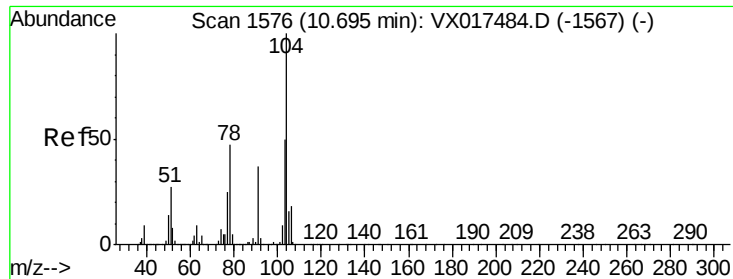
MMDadoda
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#69
o-Xylene
Concen: 1.151 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion:106 Resp: 10838
Ion Ratio Lower Upper
106 100
91 200.1 107.6 322.8





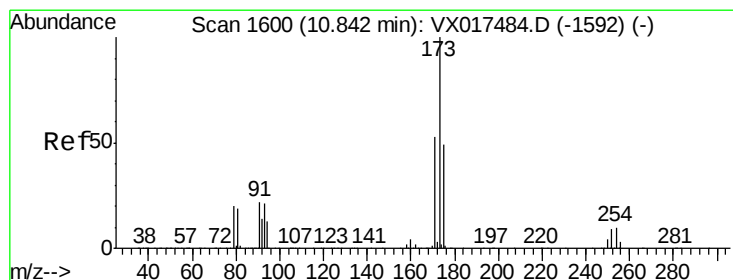
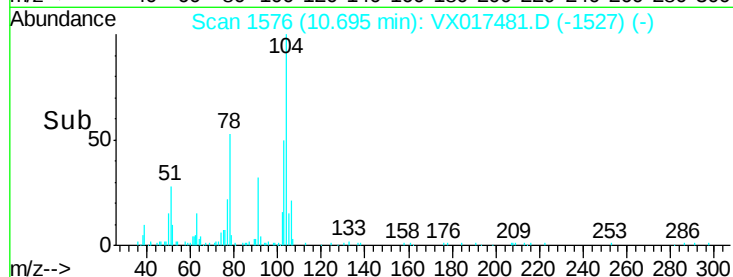
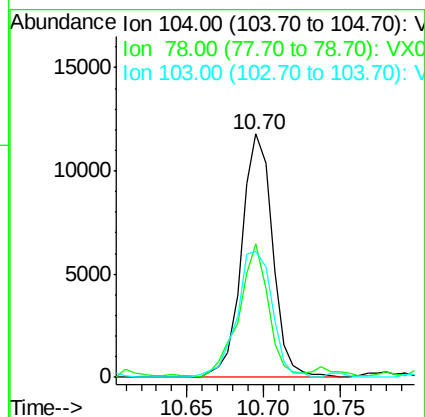
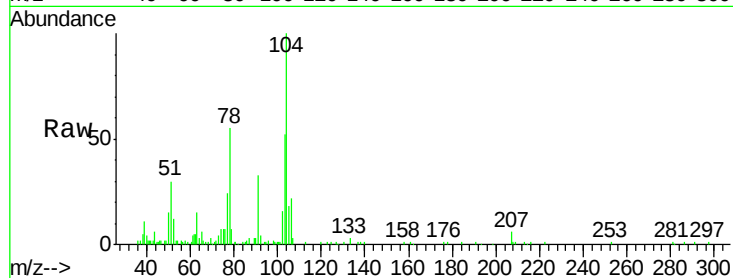
#70
Stvrene
Concen: 1.025 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.5	41.4	62.2
103	59.0	43.5	65.3

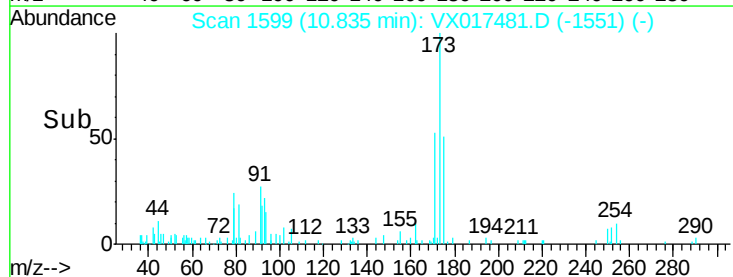
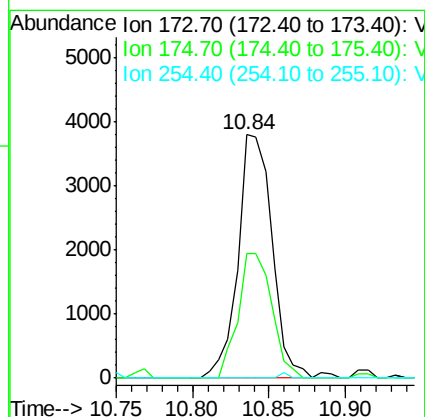
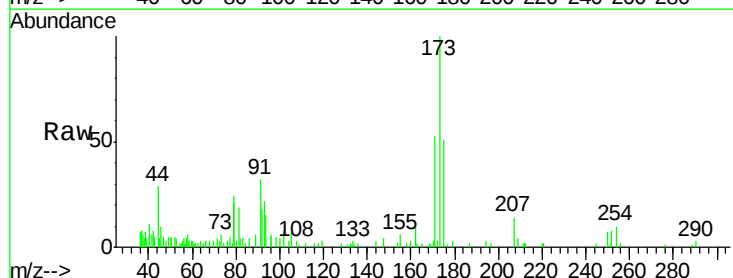
Manual Integrations
APPROVED

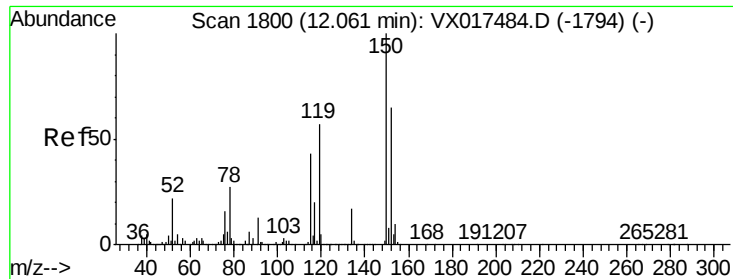
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#71
Bromoform
Concen: 1.123 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.6	73.6
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

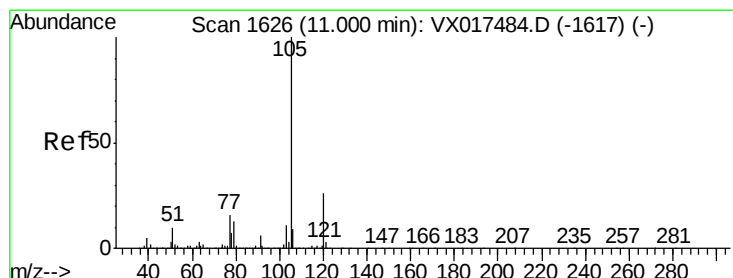
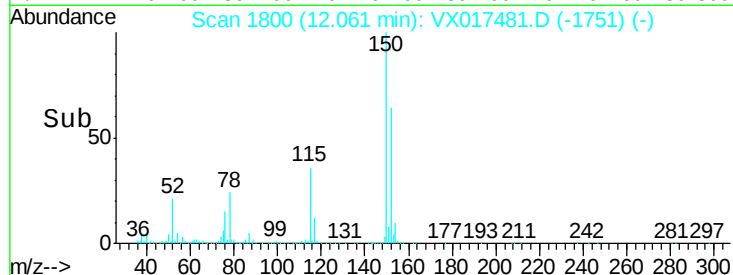
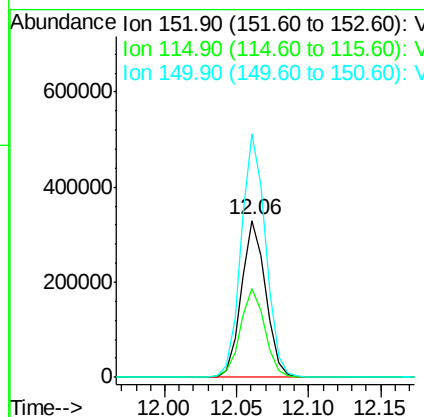
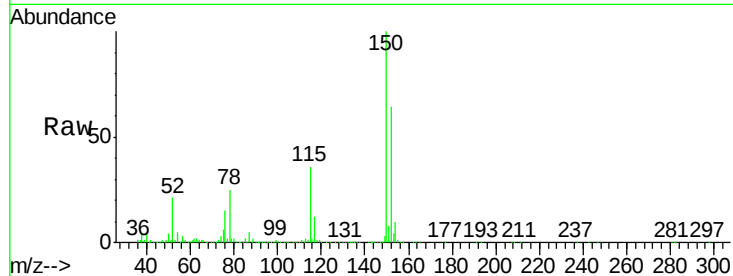
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	385566
Ion Ratio	Lower	Upper	
152	100		
115	57.3	41.9	125.6
150	156.7	0.0	348.6

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.051 ug/l

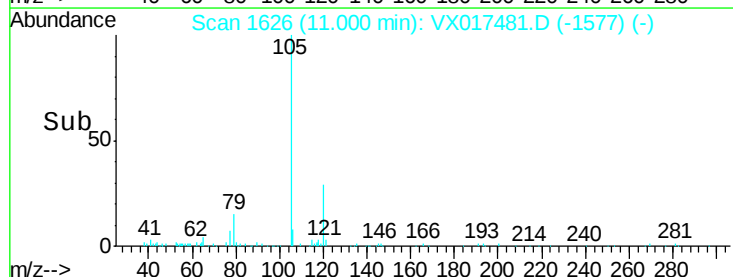
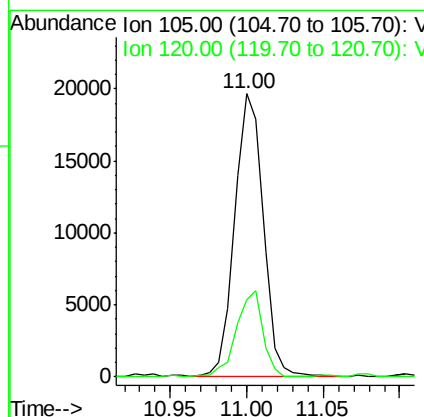
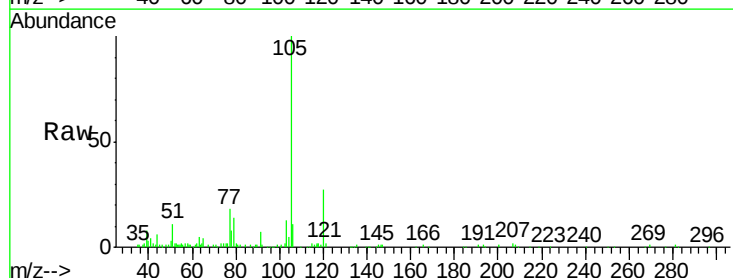
RT: 11.00 min Scan# 1626

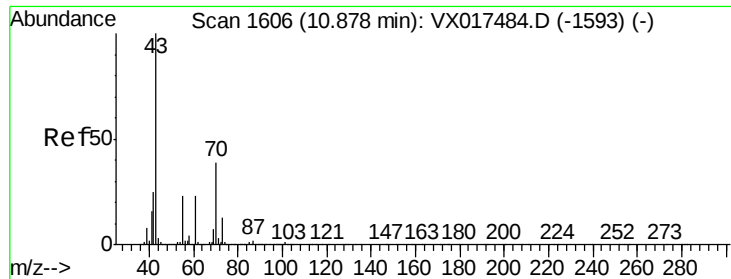
Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion:	105	Resp:	25540
Ion Ratio	Lower	Upper	
105	100		
120	28.2	13.2	39.6





#74

N-amvl acetate

Concen: 1.035 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

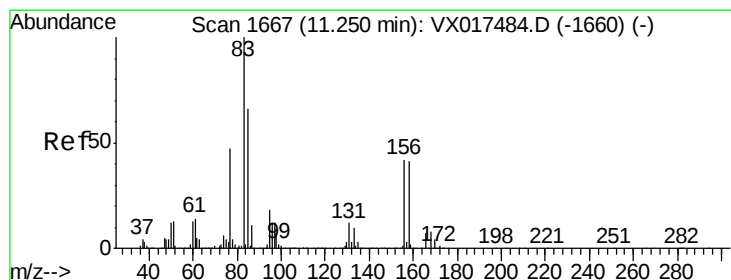
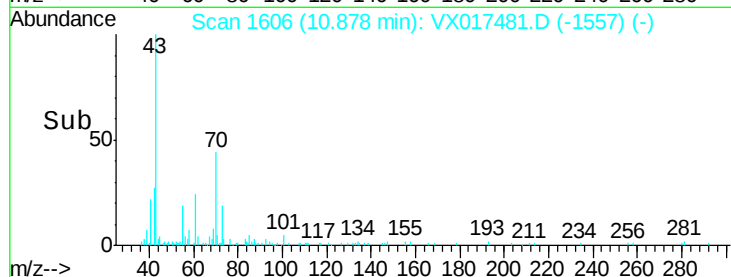
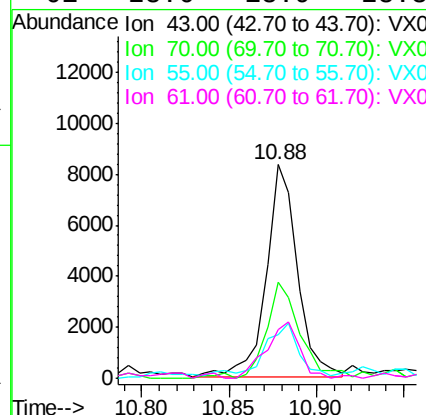
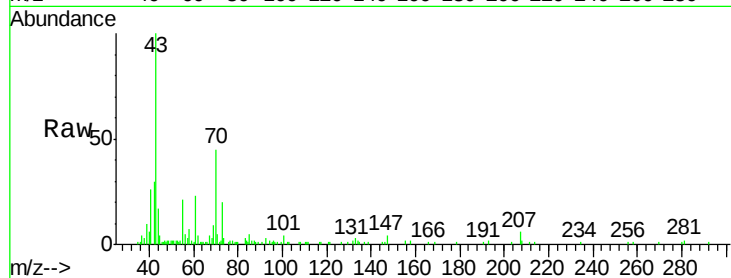
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	49.2	32.2	48.2#	
55	27.0	18.6	27.8	
61	28.6	18.9	28.3#	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.217 ug/l

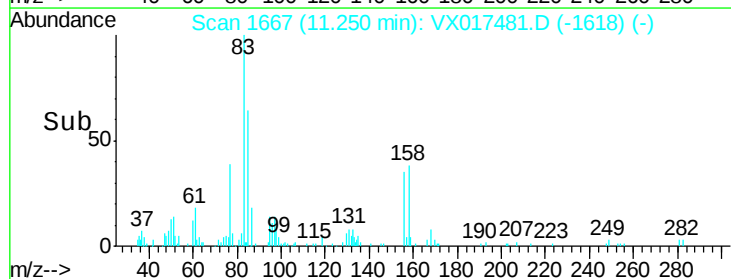
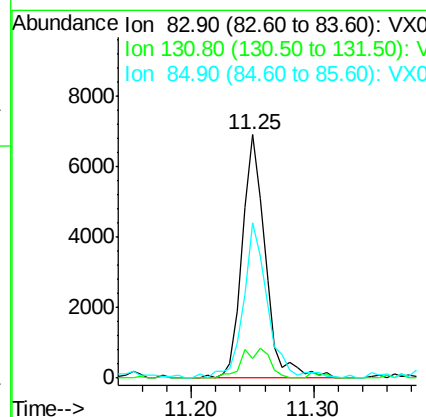
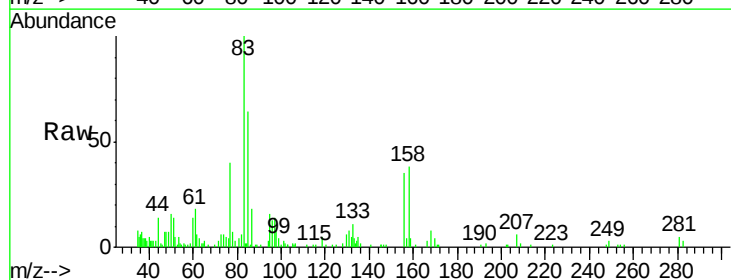
RT: 11.25 min Scan# 1667

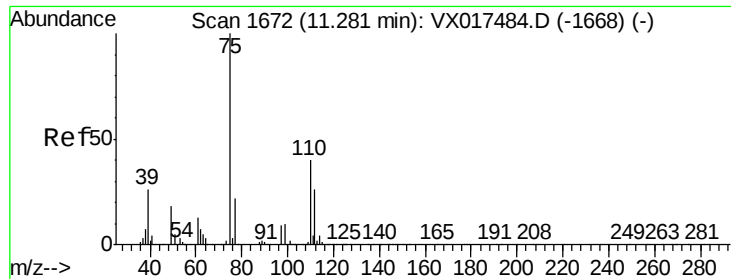
Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	15.1	5.9	17.6	
85	64.6	32.6	97.8	





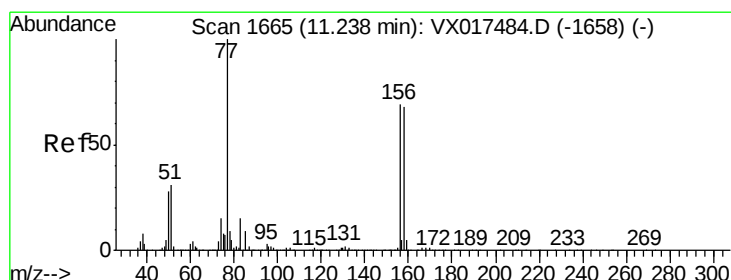
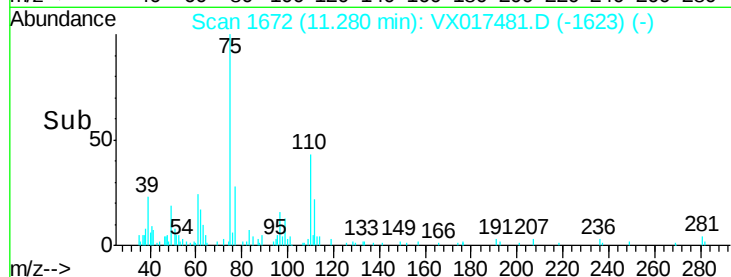
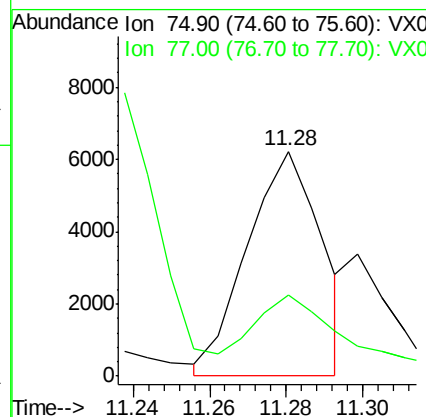
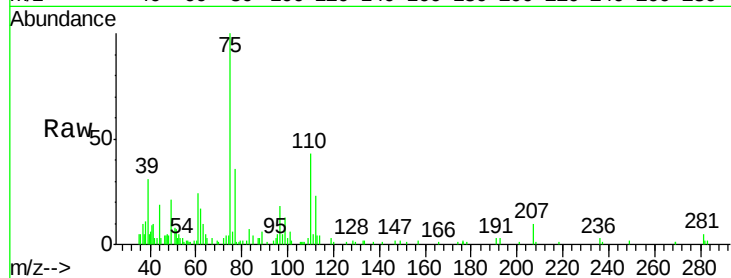
#76
1,2,3-Trichloropropane
Concen: 1.157 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 8370
Ion Ratio Lower Upper
75 100
77 46.6 20.9 62.8

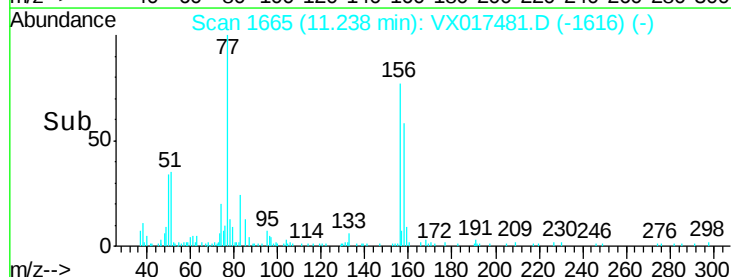
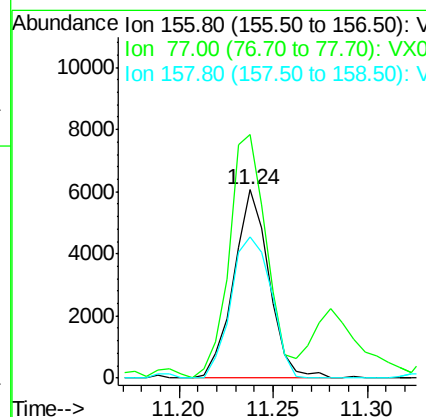
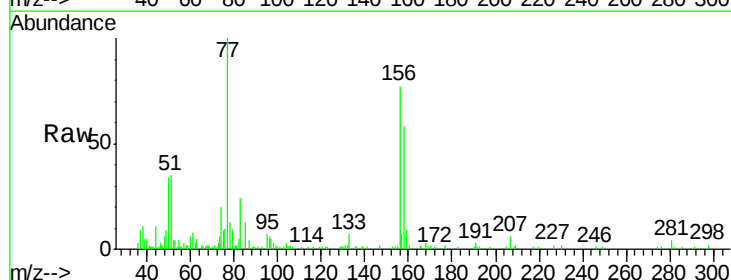
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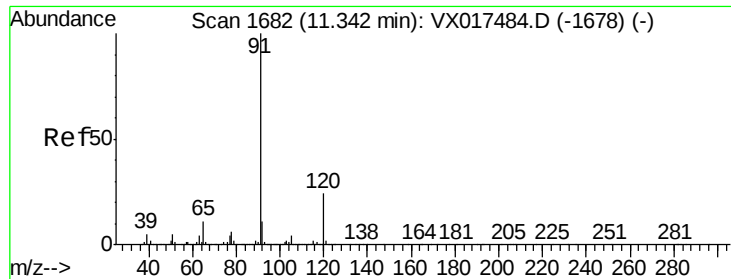
MMDadoda
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#77
Bromobenzene
Concen: 1.137 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 156 Resp: 7878
Ion Ratio Lower Upper
156 100
77 138.2 73.2 219.5
158 85.7 49.0 147.0





#78

n-propylbenzene

Concen: 1.020 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 27770

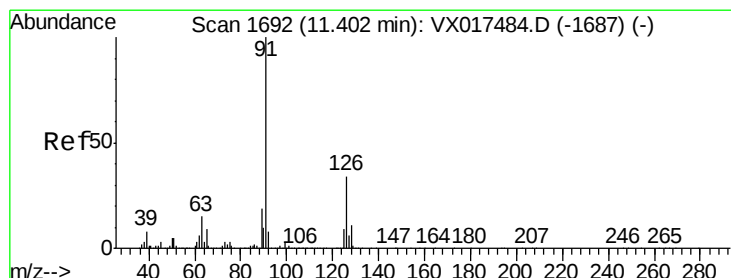
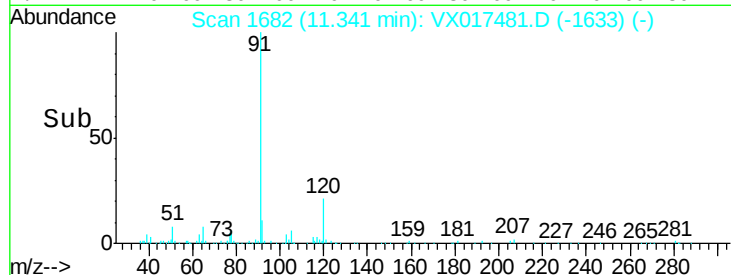
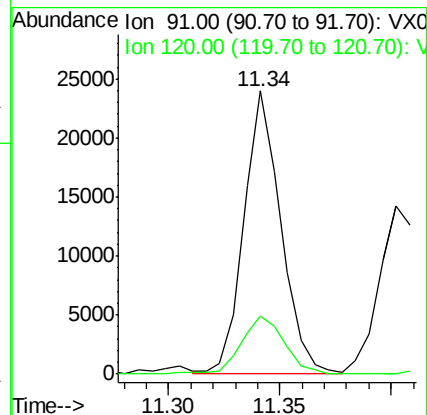
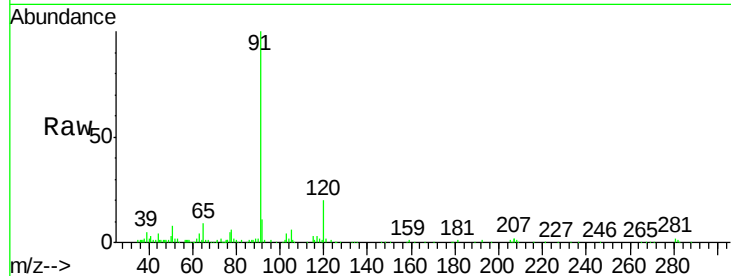
Ion Ratio Lower Upper

91 100

120 24.0 12.3 36.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.107 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017481.D

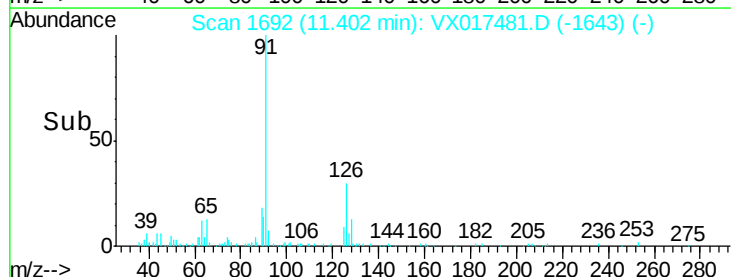
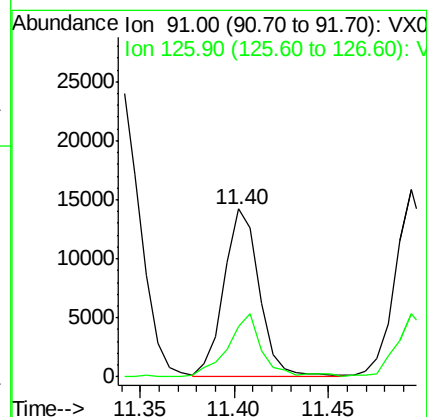
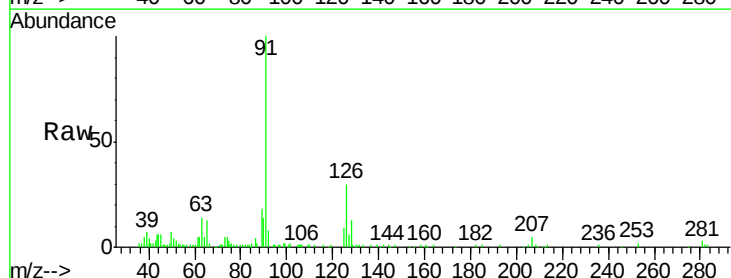
Acq: 23 Jul 2020 09:11

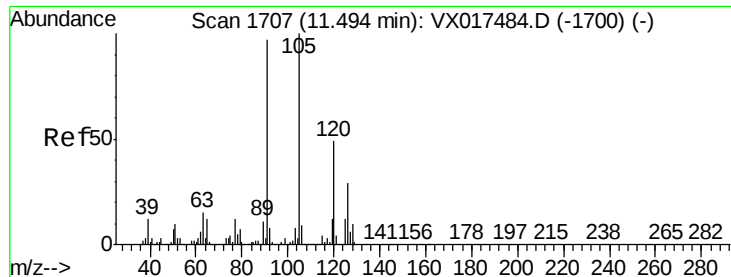
Tgt Ion: 91 Resp: 18628

Ion Ratio Lower Upper

91 100

126 36.6 17.2 51.5





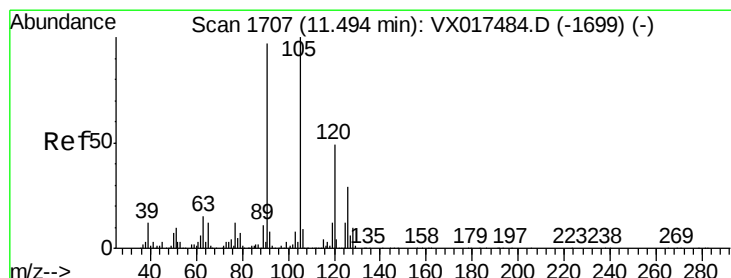
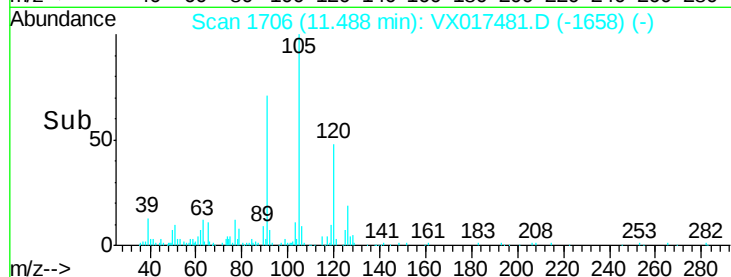
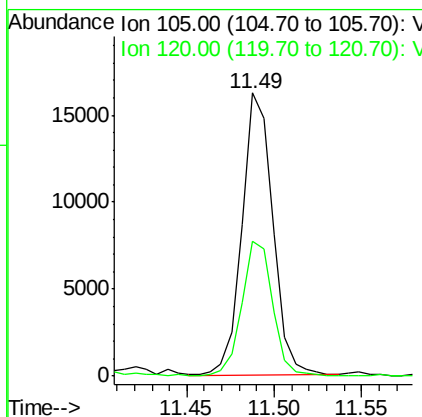
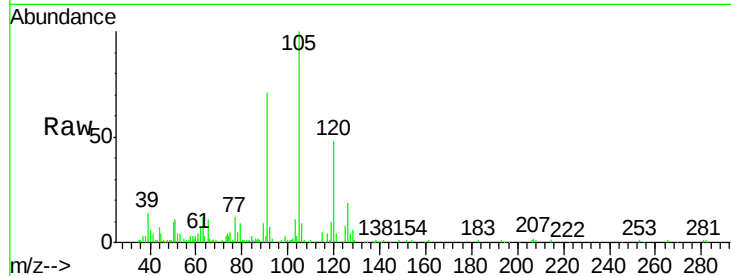
#80
 1,3,5-Trimethylbenzene
 Concen: 0.957 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.2	72.6

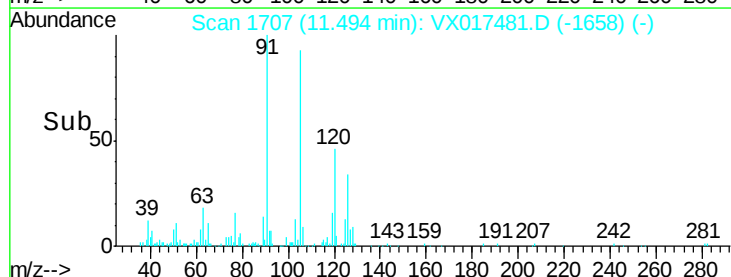
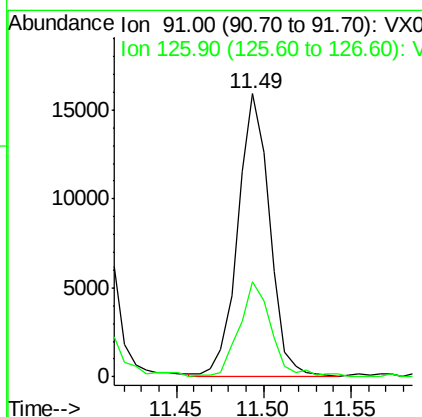
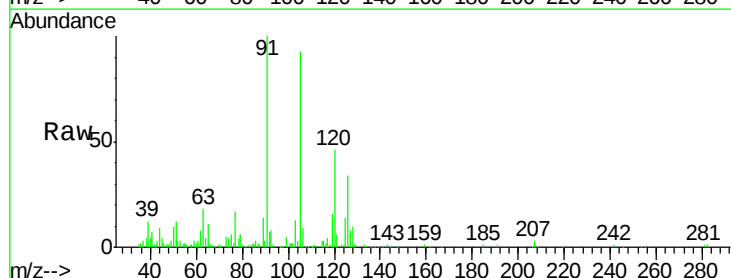
Manual Integrations
 APPROVED

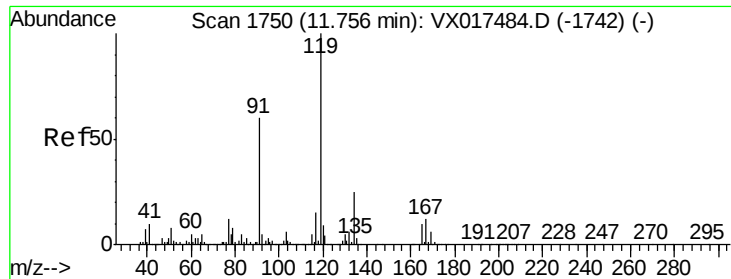
MMDadoda
 7/24/2020 1:00:46 PM



#82
 4-Chlorotoluene
 Concen: 1.011 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	15.2	45.5





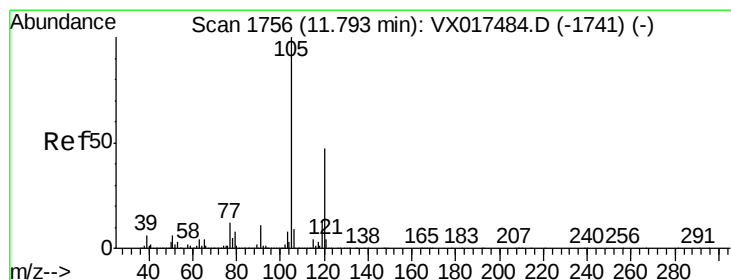
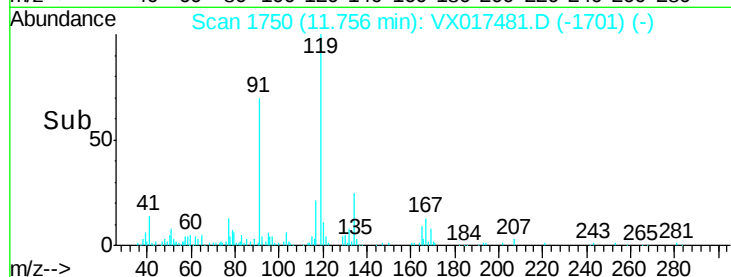
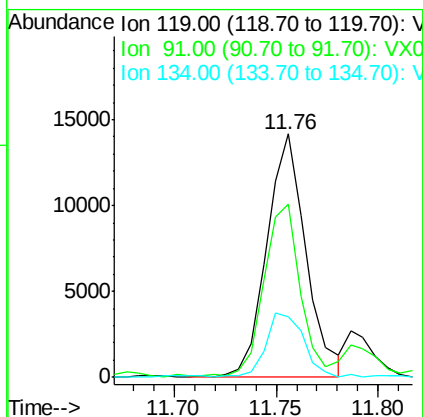
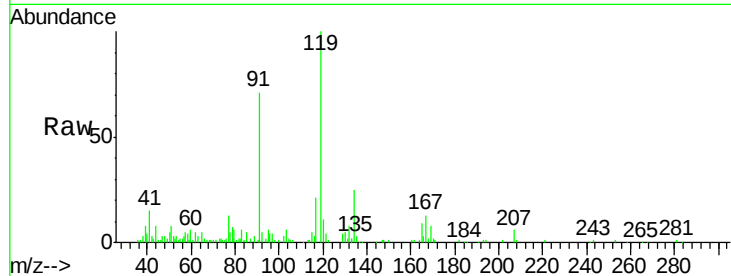
#83
tert-Butylbenzene
Concen: 0.949 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.0	29.0	87.0
134	25.7	11.4	34.1

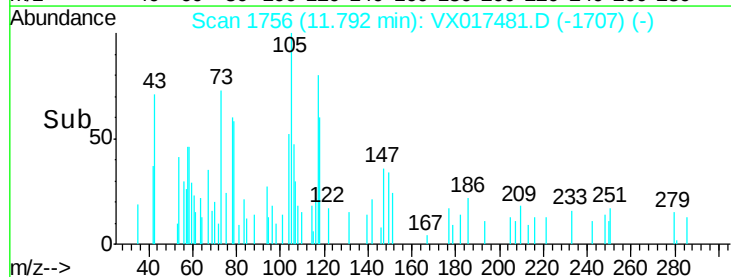
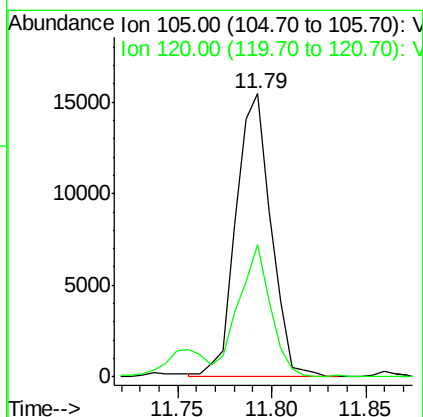
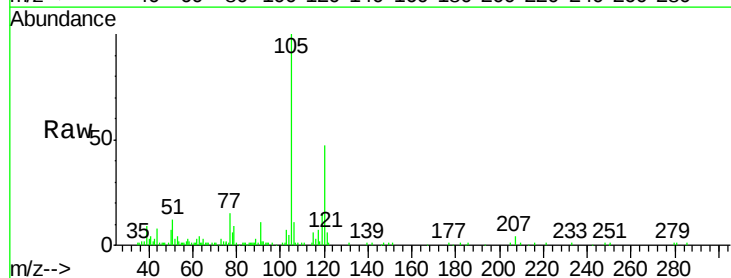
Manual Integrations
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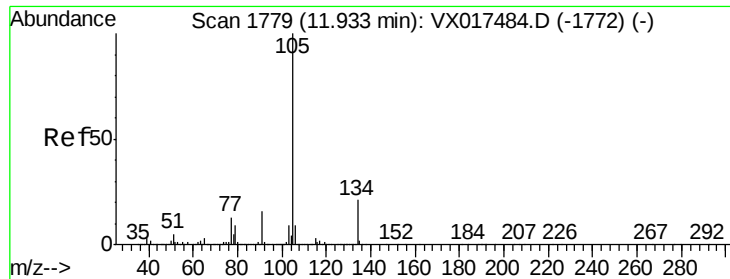
MMDadoda
7/24/2020 1:00:46 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.954 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 0.999 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 23332

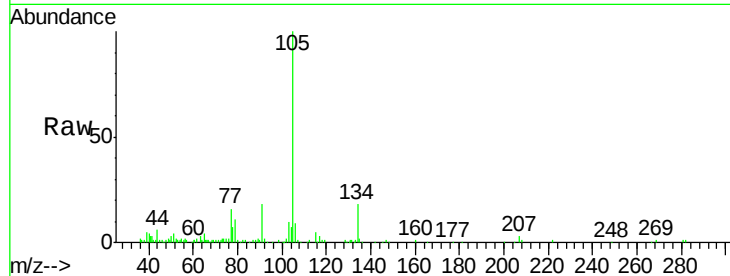
Ion Ratio Lower Upper

105 100

134 23.4 10.4 31.1

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

20000

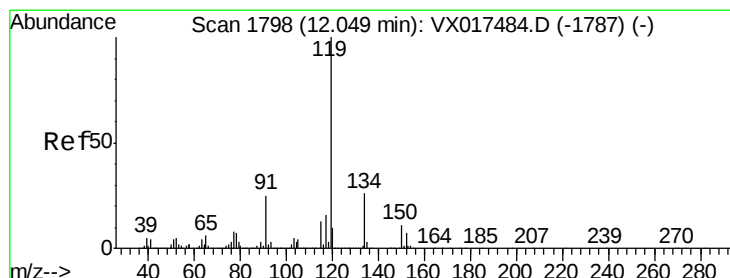
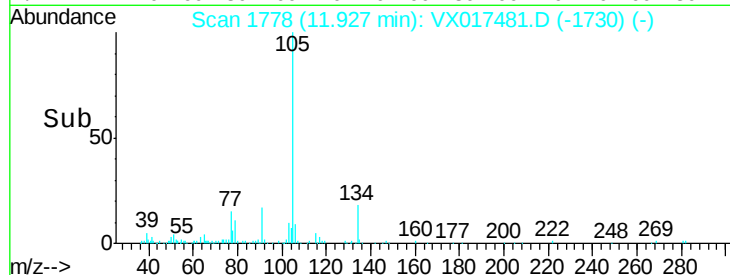
15000

10000

5000

0

Time--> 11.85 11.90 11.95



#86

p-Isopropyltoluene

Concen: 0.951 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

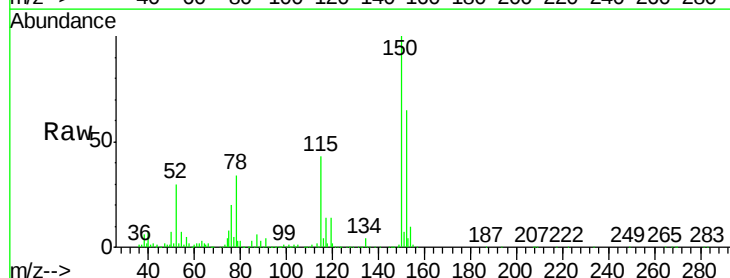
Tgt Ion:119 Resp: 21066

Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.1

91 29.6 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

25000

20000

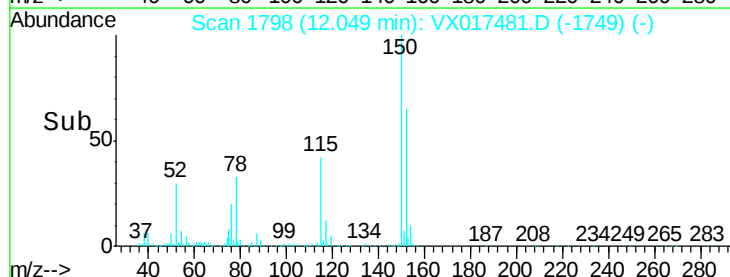
15000

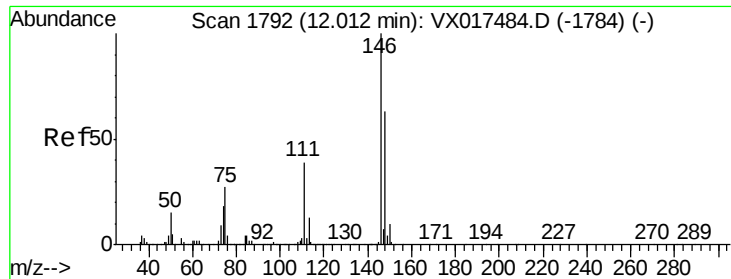
10000

5000

0

Time--> 12.00 12.10





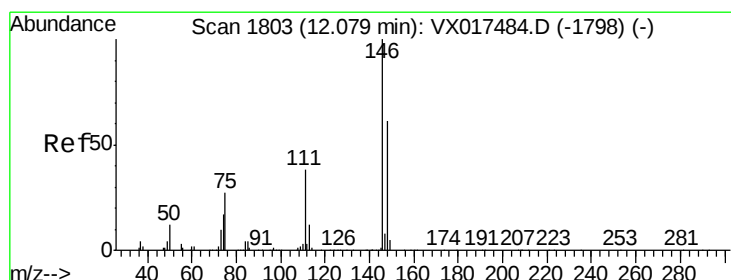
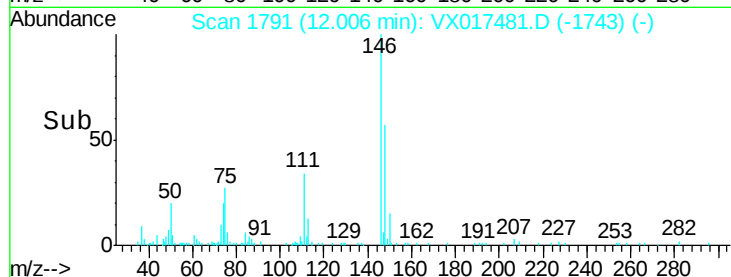
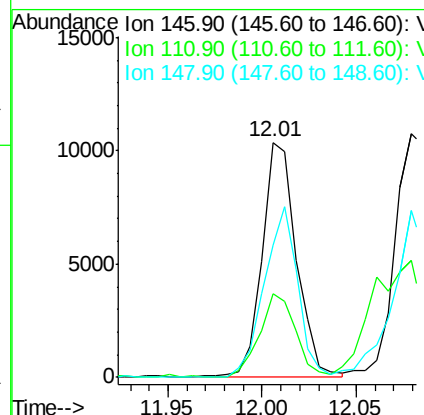
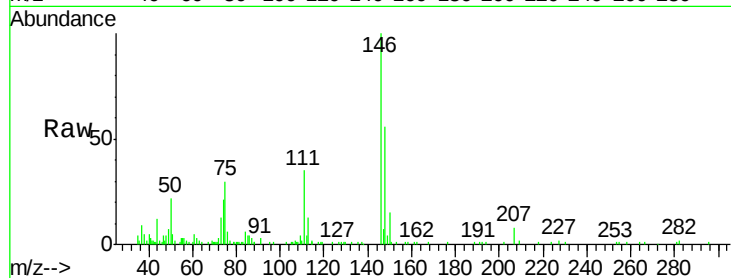
#87
 1,3-Dichlorobenzene
 Concen: 1.064 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.6	58.8
148	70.3	31.6	95.0

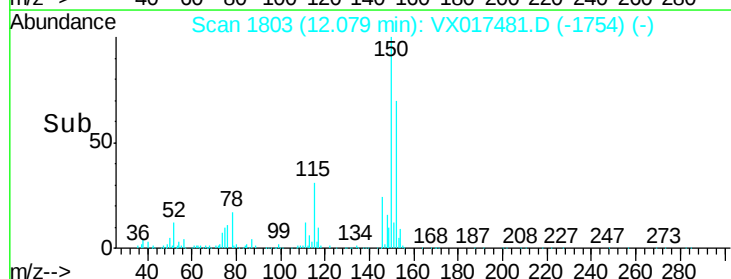
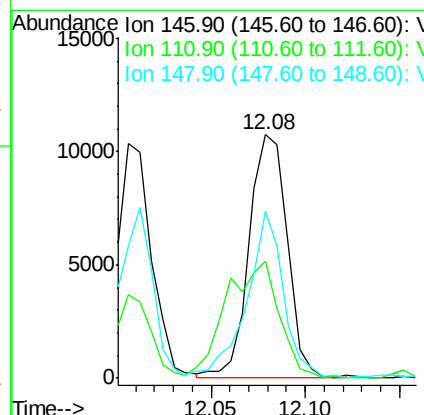
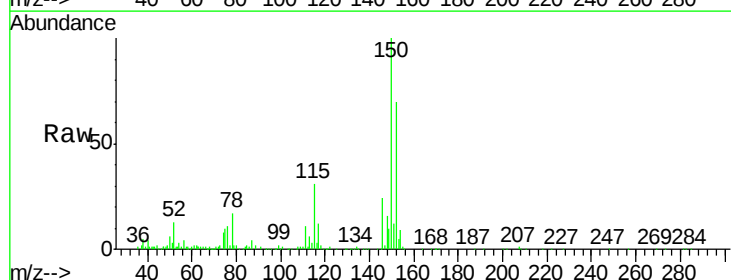
Manual Integrations
 APPROVED

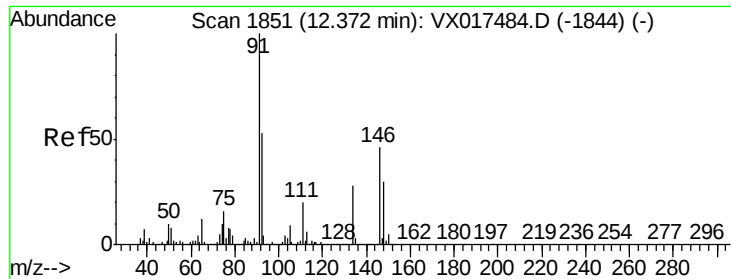
MMDadoda
 7/24/2020 1:00:46 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.208 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	32.6	19.1	57.5
148	61.2	31.6	95.0





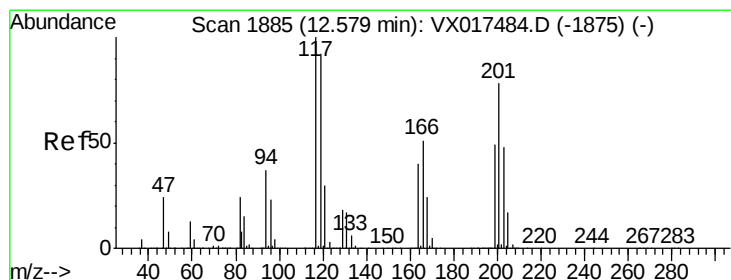
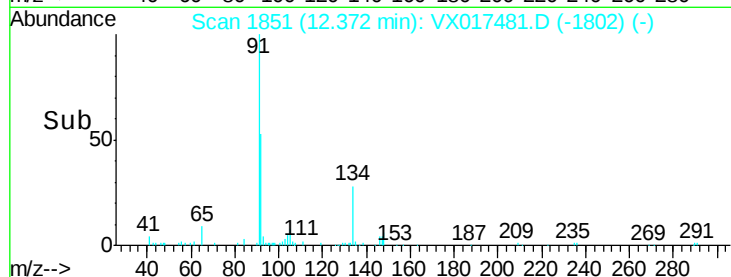
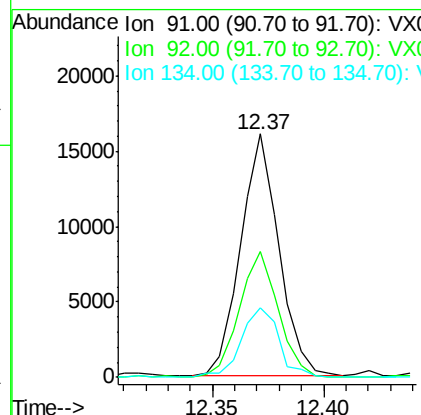
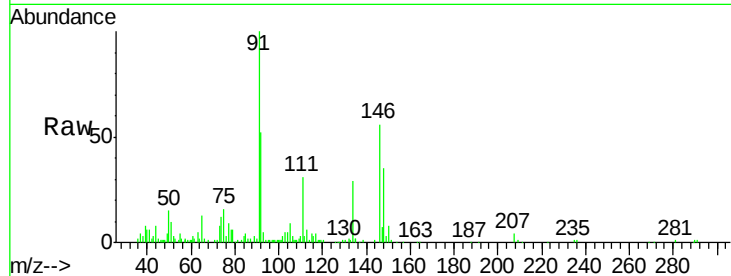
#89
n-Butylbenzene
Concen: 1.016 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	28.4	13.7	41.0

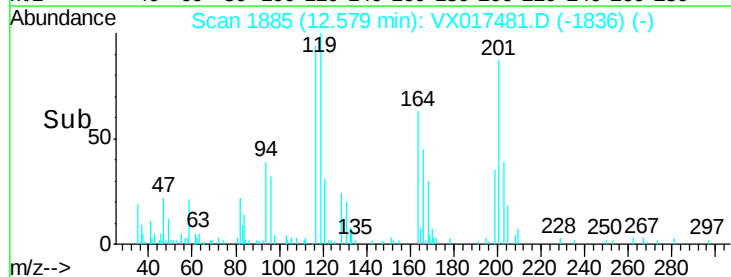
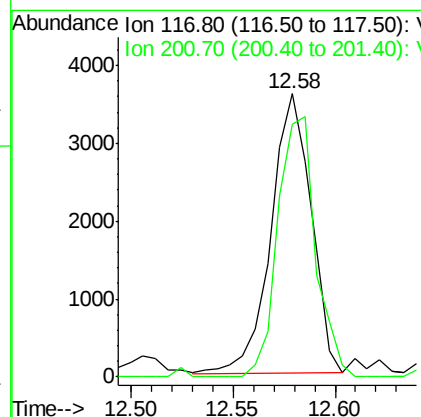
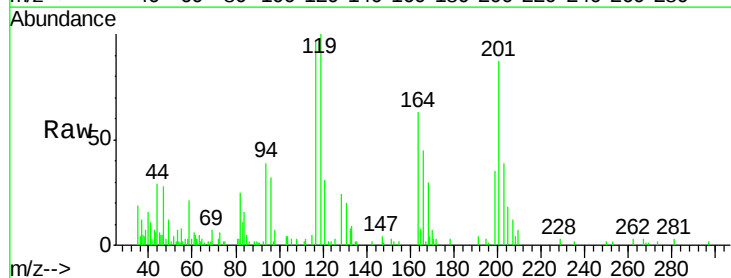
Manual Integrations
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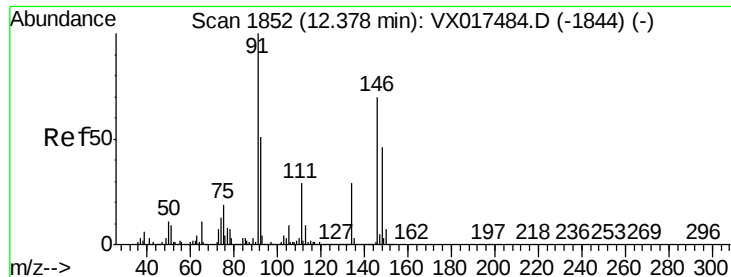
MMDadoda
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#90
Hexachloroethane
Concen: 1.167 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	41.4	124.4





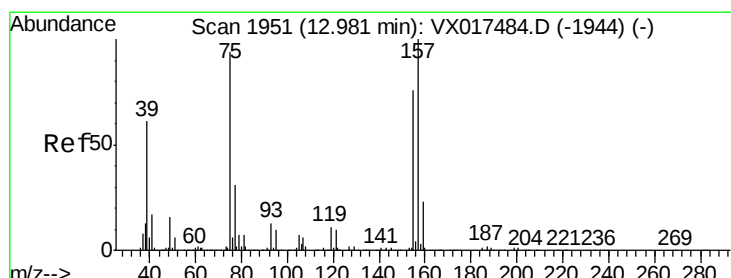
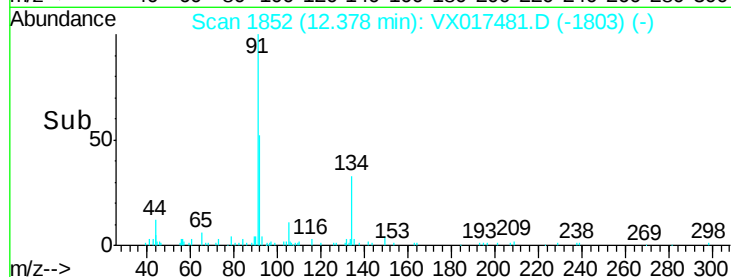
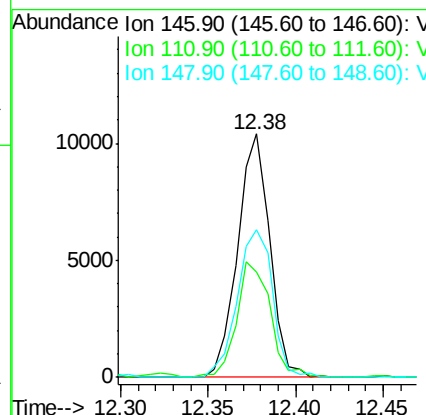
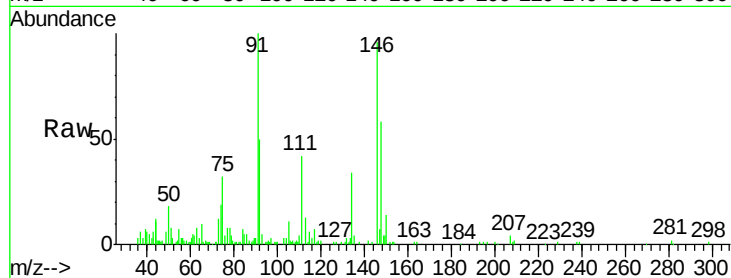
#91
 1,2-Dichlorobenzene
 Concen: 1.139 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.7	20.8	62.2
148	66.7	32.3	96.9

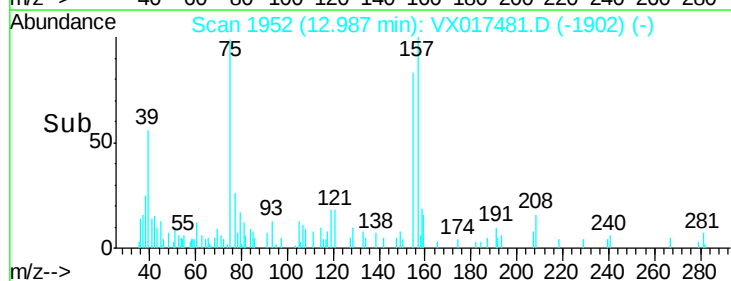
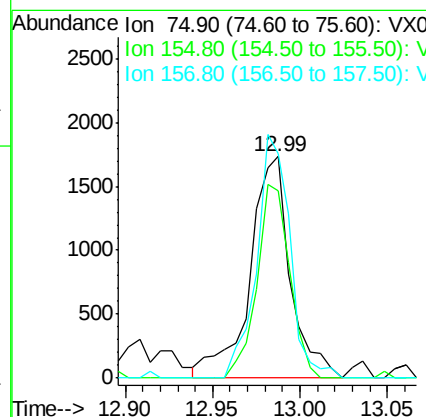
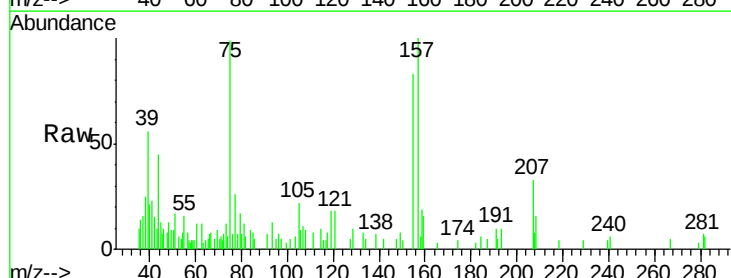
Manual Integrations
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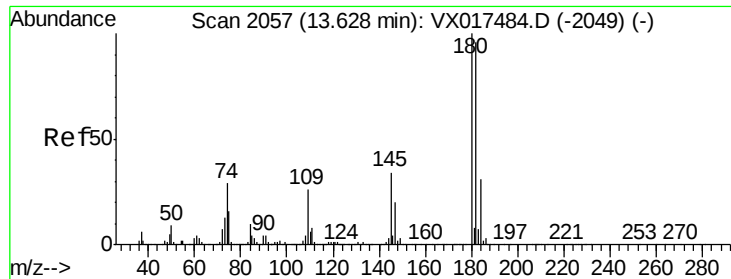
MMDadoda
 7/24/2020 1:00:46 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.415 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.5	42.3	126.9
157	90.3	55.1	165.5





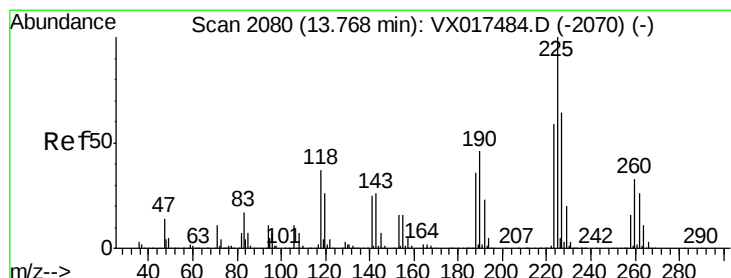
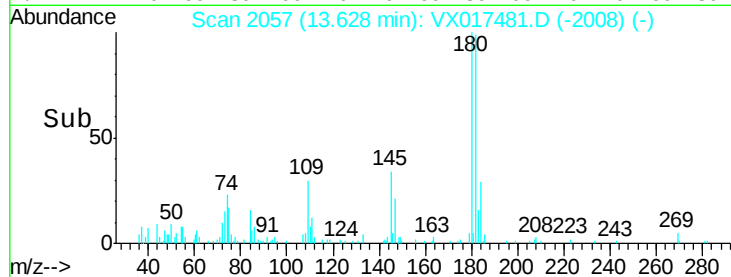
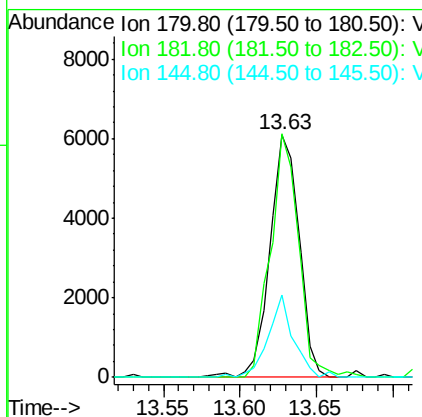
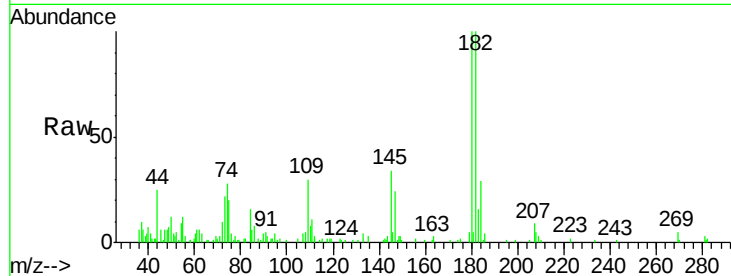
#93
 1,2,4-Trichlorobenzene
 Concen: 0.998 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.5	145.6
145	29.8	16.0	47.9

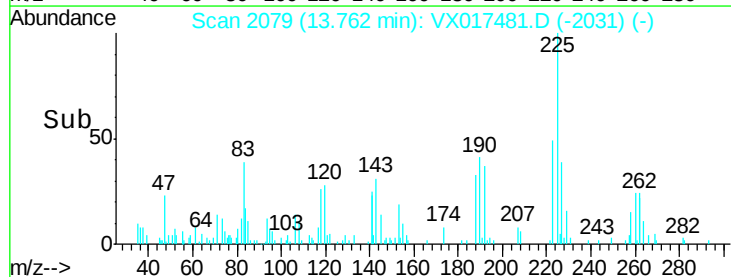
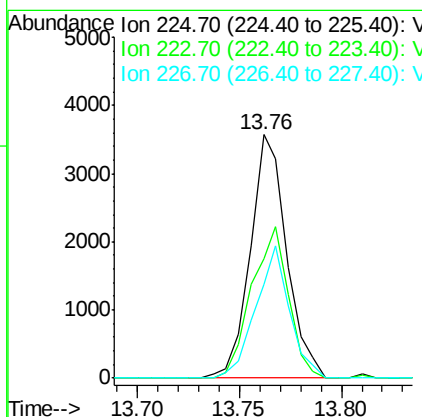
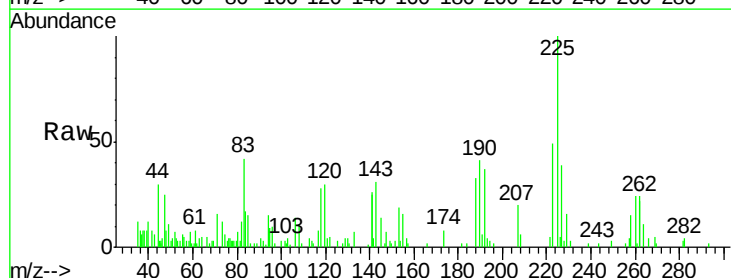
Manual Integrations
 APPROVED

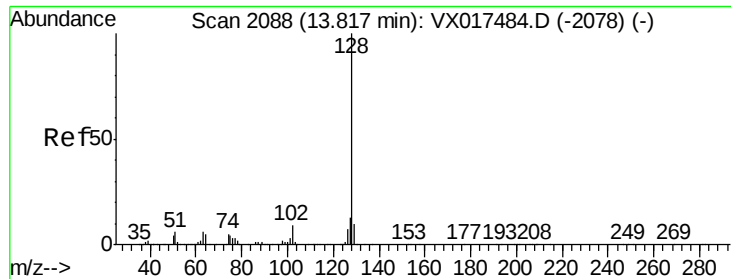
MMDadoda
 7/24/2020 1:00:46 PM



#94
 Hexachlorobutadiene
 Concen: 1.303 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	50.5	32.2	96.6





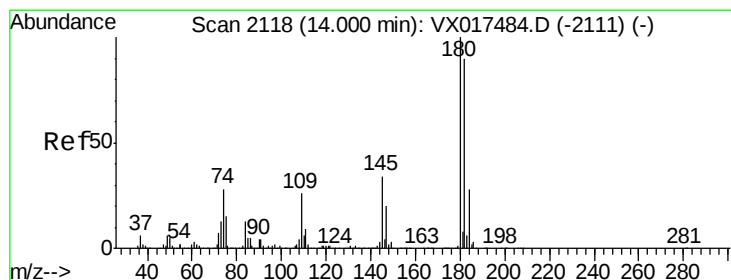
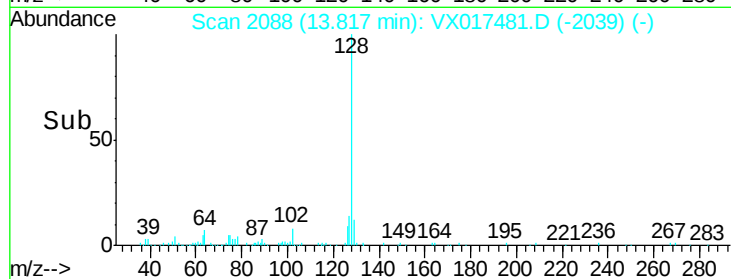
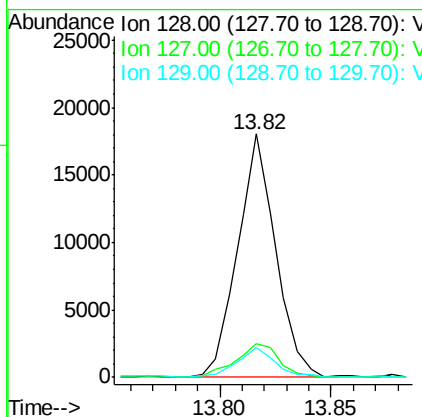
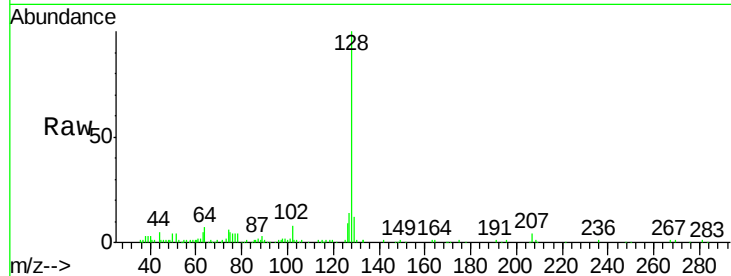
#95
Naphthalene
Concen: 0.888 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.2	15.4#
129	12.4	8.7	13.1

Manual Integrations
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7/24/2020 1:00:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 1.001 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	45.7	137.1
145	37.4	16.4	49.2

