

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017717.D
 Acq On : 31 Jul 2020 22:20
 Operator : JC/SP
 Sample : VX0731WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:35 PM

Quant Time: Aug 01 04:49:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	518489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	807150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	732625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	394412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	362283	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
35) Dibromofluoromethane	5.46	113	284258	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	8.70	98	977134	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.12	95	388508	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	91538	18.385	ug/l	100
3) Chloromethane	1.32	50	108940	17.240	ug/l	97
4) Vinyl Chloride	1.39	62	112572	17.254	ug/l	99
5) Bromomethane	1.63	94	84822	22.513	ug/l	98
6) Chloroethane	1.72	64	68130	18.455	ug/l	97
7) Trichlorofluoromethane	1.92	101	185782	18.103	ug/l	100
8) Diethyl Ether	2.17	74	63817	18.318	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95279	16.918	ug/l	96
10) Methyl Iodide	2.50	142	104286	14.474	ug/l	95
11) Tert butyl alcohol	3.01	59	133777	95.303	ug/l	98
12) 1,1-Dichloroethene	2.36	96	96332	17.988	ug/l	93
13) Acrolein	2.28	56	73043	71.173	ug/l	97
14) Allyl chloride	2.71	41	177716	18.173	ug/l	99
15) Acrylonitrile	3.12	53	289571	95.511	ug/l	99
16) Acetone	2.42	43	276159	94.207	ug/l	97
17) Carbon Disulfide	2.55	76	259658	15.952	ug/l	99
18) Methyl Acetate	2.75	43	141105	20.439	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	342358	18.470	ug/l	100
20) Methylene Chloride	2.84	84	113317	19.748	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	106367	18.540	ug/l	96
22) Diisopropyl ether	3.82	45	349546	19.549	ug/l #	83
23) Vinyl Acetate	3.79	43	1538406	96.497	ug/l	100
24) 1,1-Dichloroethane	3.67	63	196478	19.075	ug/l	97
25) 2-Butanone	4.64	43	415513	99.778	ug/l	99
26) 2,2-Dichloropropane	4.56	77	159213	17.268	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	123411	19.804	ug/l	95
28) Bromochloromethane	4.98	49	99020	21.214	ug/l	97
29) Tetrahydrofuran	5.09	42	264570	102.566	ug/l	99
30) Chloroform	5.18	83	209005	19.859	ug/l	100
31) Cyclohexane	5.55	56	152660	18.586	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	195150	19.664	ug/l	99
36) 1,1-Dichloropropene	5.77	75	145355	18.777	ug/l	99
37) Ethyl Acetate	4.80	43	158472	18.709	ug/l	100
38) Carbon Tetrachloride	5.76	117	180709	19.223	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017717.D
 Acq On : 31 Jul 2020 22:20
 Operator : JC/SP
 Sample : VX0731WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0731WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:35 PM

Quant Time: Aug 01 04:49:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	146334	16.193	ug/l	98
40) Benzene	6.12	78	430807	19.411	ug/l	99
41) Methacrylonitrile	5.00	41	88644	18.258	ug/l	95
42) 1,2-Dichloroethane	6.17	62	176709	19.462	ug/l	99
43) Isopropyl Acetate	6.42	43	262737	18.800	ug/l	99
44) Trichloroethene	7.19	130	122904	18.949	ug/l	96
45) 1,2-Dichloropropane	7.49	63	113050	18.375	ug/l	98
46) Dibromomethane	7.64	93	81172	18.669	ug/l	99
47) Bromodichloromethane	7.88	83	167608	19.158	ug/l	100
48) Methyl methacrylate	7.75	41	121645	17.560	ug/l	96
49) 1,4-Dioxane	7.71	88	52796	397.515	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	773307	92.739	ug/l	99
52) Toluene	8.76	92	265377	18.645	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173844	17.751	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	179106	17.930	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	112599	18.990	ug/l	97
56) Ethyl methacrylate	9.16	69	160547	17.972	ug/l	99
57) 1,3-Dichloropropane	9.35	76	182303	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	372206	79.087	ug/l	100
59) 2-Hexanone	9.47	43	614145	97.826	ug/l	99
60) Dibromochloromethane	9.57	129	141551	18.783	ug/l	98
61) 1,2-Dibromoethane	9.65	107	122892	19.468	ug/l	99
64) Tetrachloroethene	9.32	164	126138	19.183	ug/l	96
65) Chlorobenzene	10.12	112	295132	18.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	118815	18.565	ug/l	98
67) Ethyl Benzene	10.24	91	483609	18.269	ug/l	99
68) m/p-Xylenes	10.34	106	373235	36.396	ug/l	97
69) o-Xylene	10.68	106	192541	19.522	ug/l	100
70) Styrene	10.70	104	330928	19.721	ug/l	99
71) Bromoform	10.84	173	110014	19.841	ug/l #	98
73) Isopropylbenzene	11.00	105	520790	19.248	ug/l	100
74) N-amyl acetate	10.88	43	225386	18.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	158761	18.798	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	154951m	19.099	ug/l	
77) Bromobenzene	11.24	156	140370	18.531	ug/l	98
78) n-propylbenzene	11.34	91	571560	18.730	ug/l	100
79) 2-Chlorotoluene	11.40	91	355761	18.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	440911	19.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	55992	17.390	ug/l	96
82) 4-Chlorotoluene	11.49	91	429510	19.261	ug/l	100
83) tert-Butylbenzene	11.76	119	418446	18.930	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	445942	19.408	ug/l	98
85) sec-Butylbenzene	11.93	105	485030	18.836	ug/l	98
86) p-Isopropyltoluene	12.05	119	442102	18.028	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	244901	18.827	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	246161	18.270	ug/l	99
89) n-Butylbenzene	12.37	91	360797	16.512	ug/l	98
90) Hexachloroethane	12.58	117	85311	17.646	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	226826	17.742	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38153	17.728	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
Data File : VX017717.D
Acq On : 31 Jul 2020 22:20
Operator : JC/SP
Sample : VX0731WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

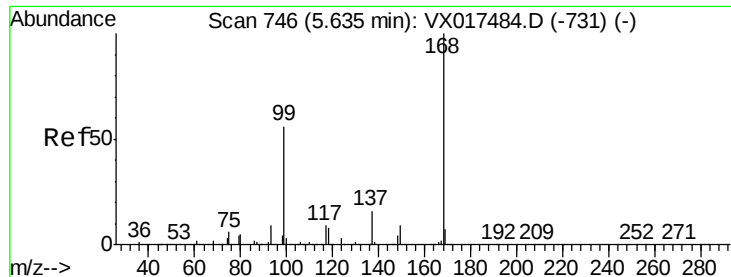
Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM

Quant Time: Aug 01 04:49:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	154054	17.656	ug/l	100
94) Hexachlorobutadiene	13.77	225	67962	16.921	ug/l	99
95) Naphthalene	13.82	128	466523	17.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	156224	18.134	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion:168 Resp: 518489

Ion Ratio Lower Upper

168 100

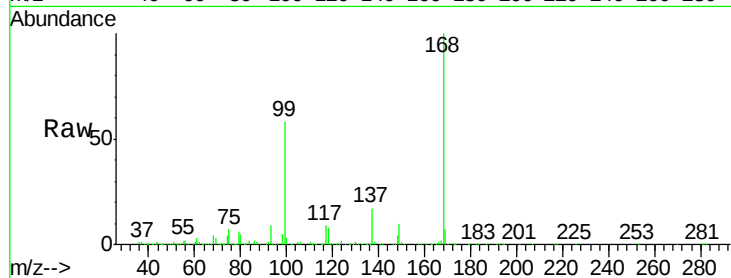
99 57.5 43.4 65.2

Manual Integrations

APPROVED

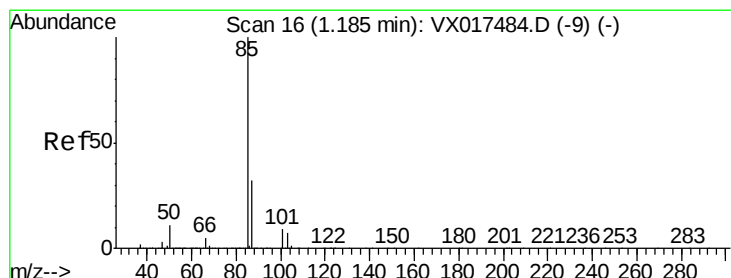
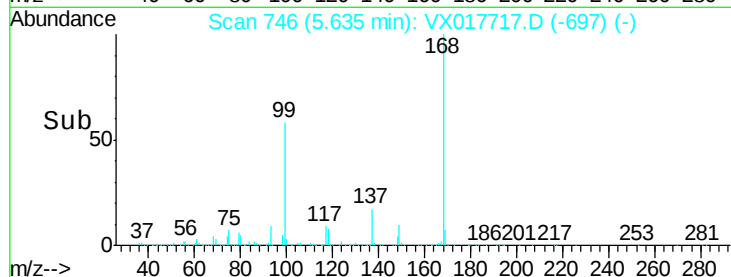
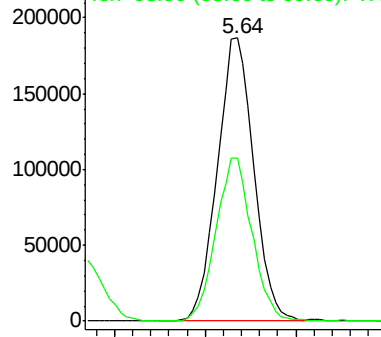
MMDadoda

8/3/2020 5:02:35 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.385 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017717.D

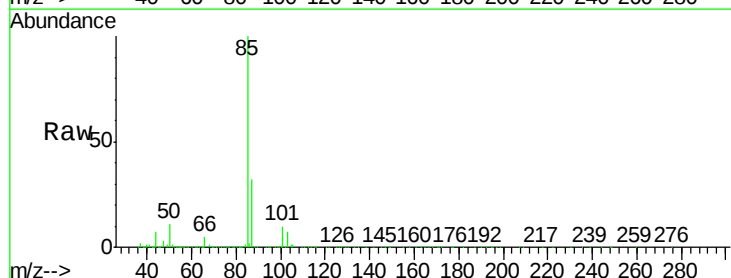
Acq: 31 Jul 2020 22:20

Tgt Ion: 85 Resp: 91538

Ion Ratio Lower Upper

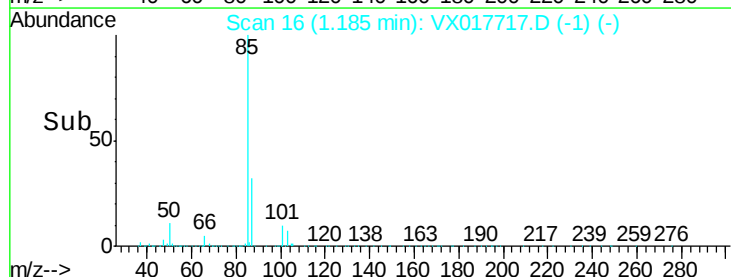
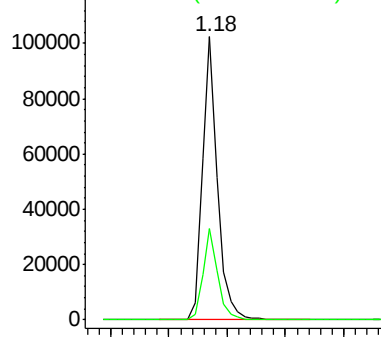
85 100

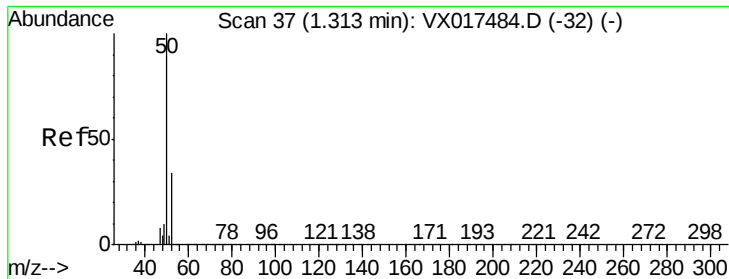
87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.240 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 50 Resp: 108940

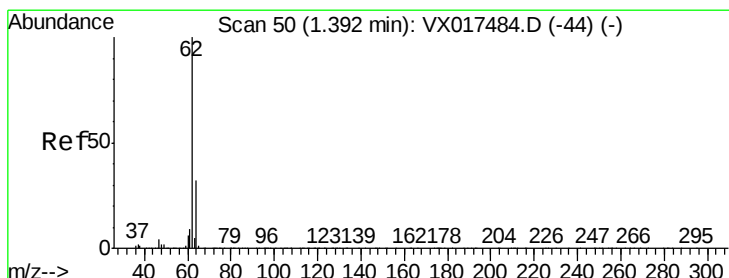
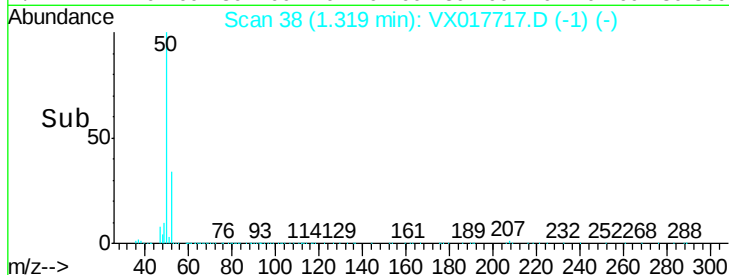
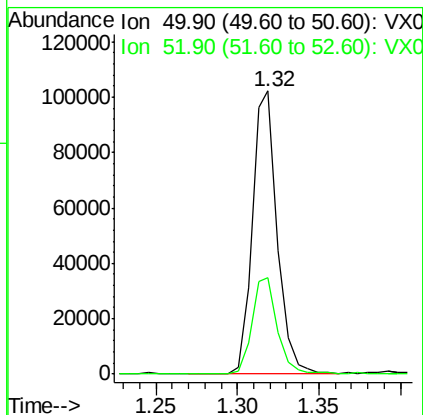
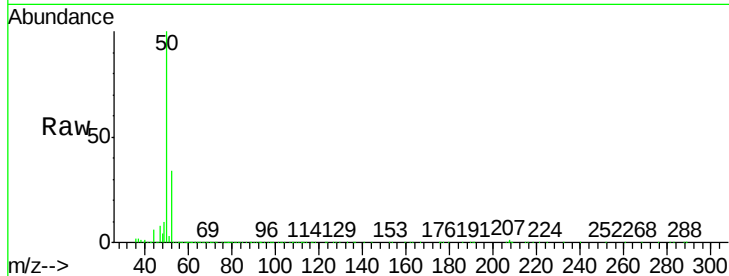
Ion Ratio Lower Upper

50 100

52 34.0 25.9 38.9

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#4

Vinyl Chloride

Concen: 17.254 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017717.D

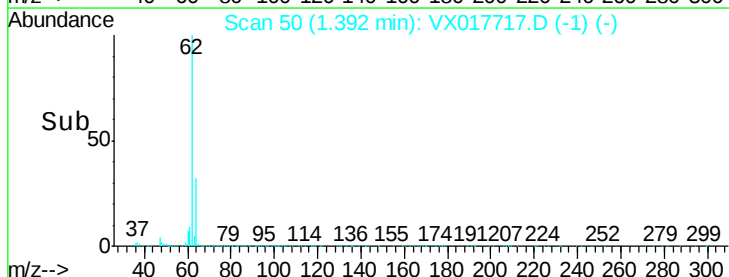
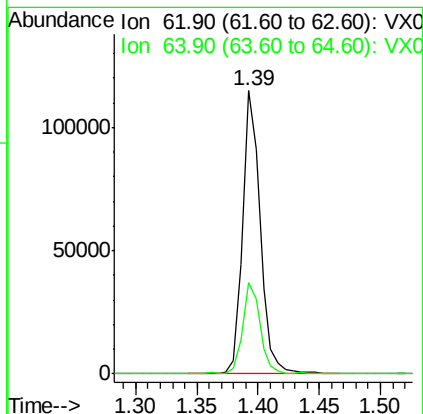
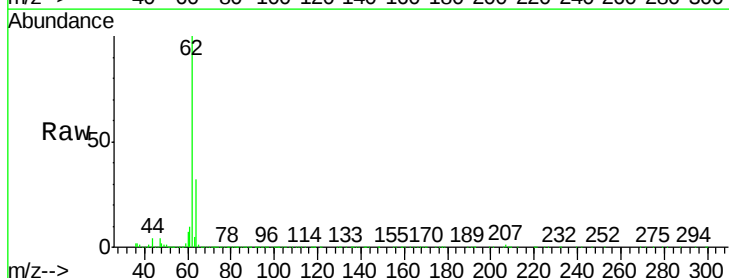
Acq: 31 Jul 2020 22:20

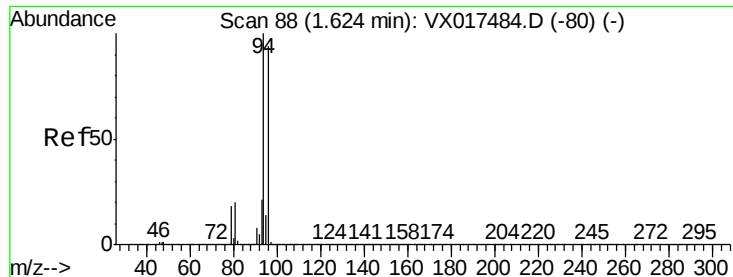
Tgt Ion: 62 Resp: 112572

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 22.513 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 94 Resp: 84822

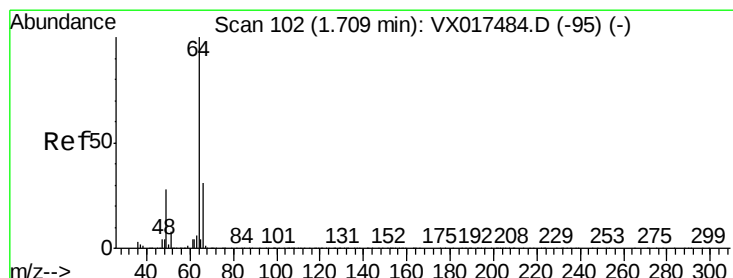
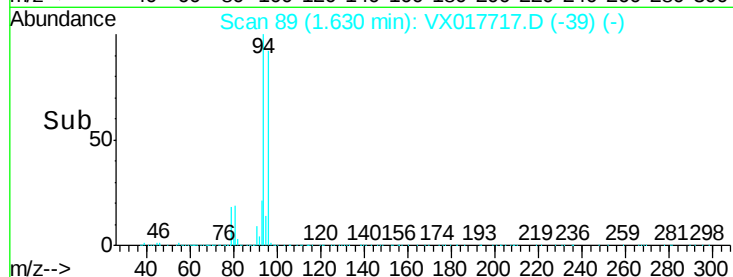
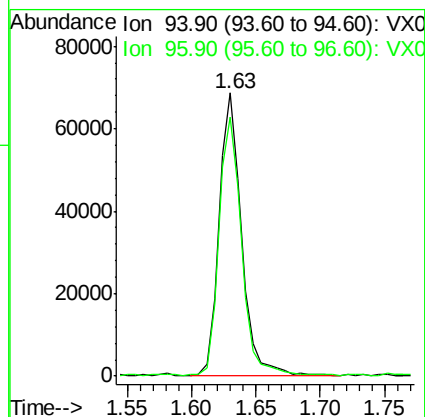
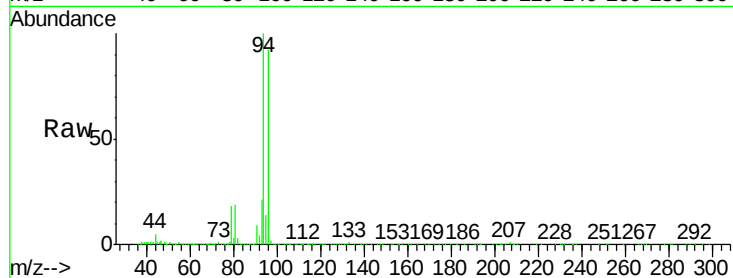
Ion Ratio Lower Upper

94 100

96 91.0 74.1 111.1

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#6

Chloroethane

Concen: 18.455 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017717.D

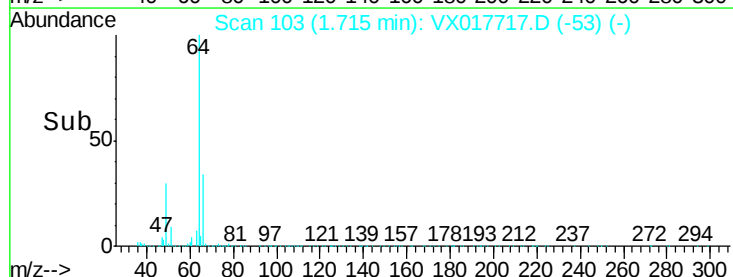
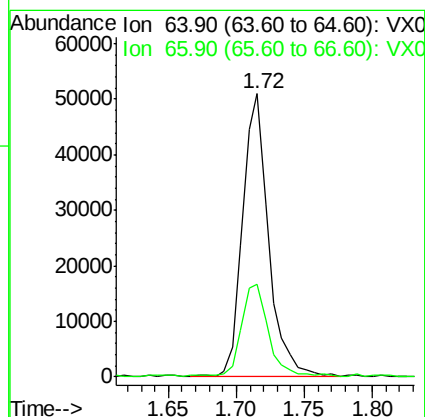
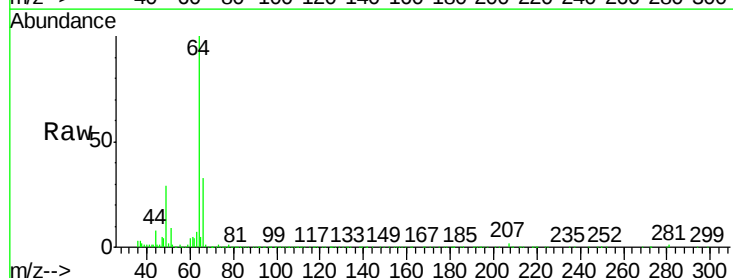
Acq: 31 Jul 2020 22:20

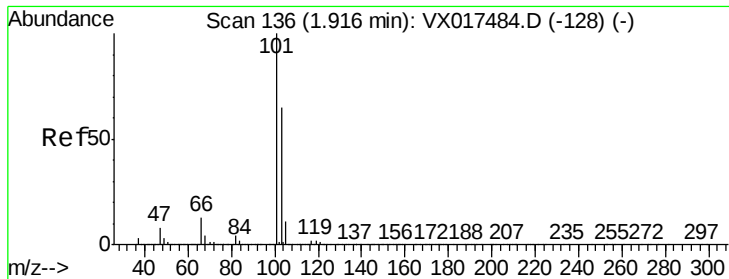
Tgt Ion: 64 Resp: 68130

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3





#7

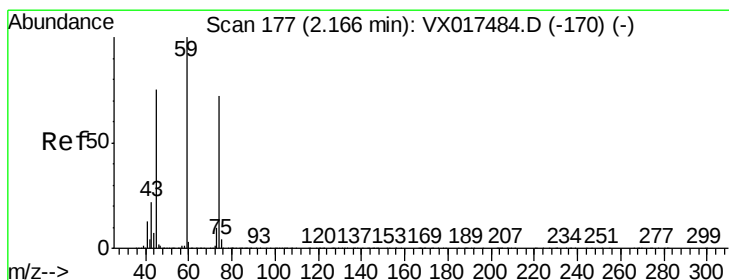
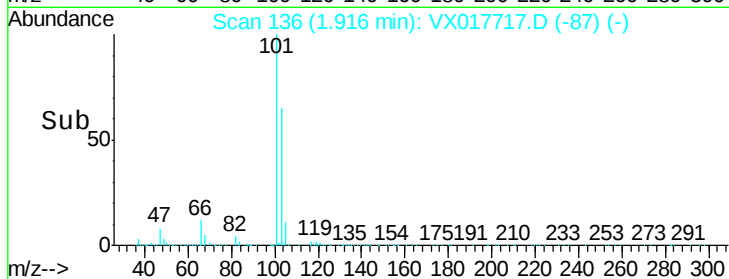
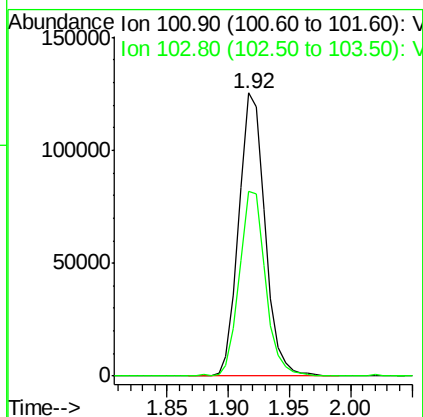
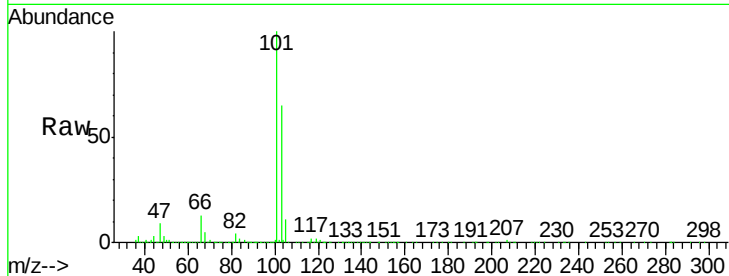
Trichlorofluoromethane
Concen: 18.103 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	185782		
103	65.0	51.8	77.8	

Manual Integrations
APPROVED

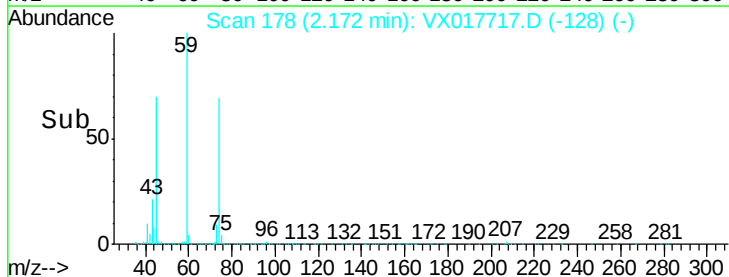
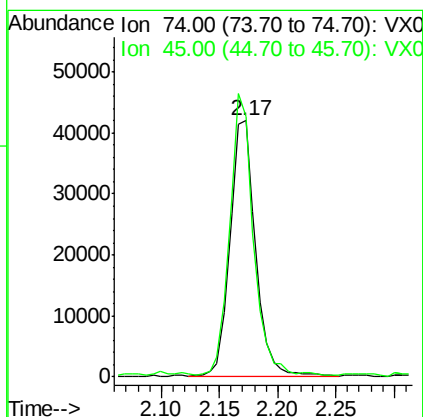
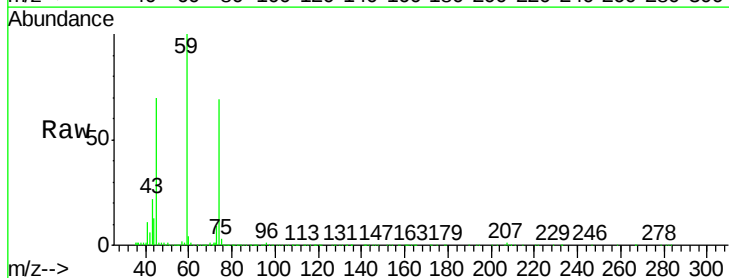
MMDadoda
8/3/2020 5:02:35 PM

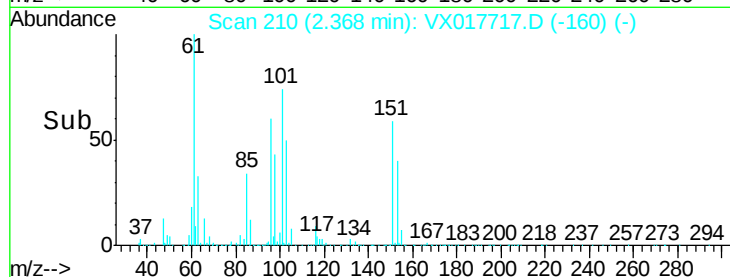
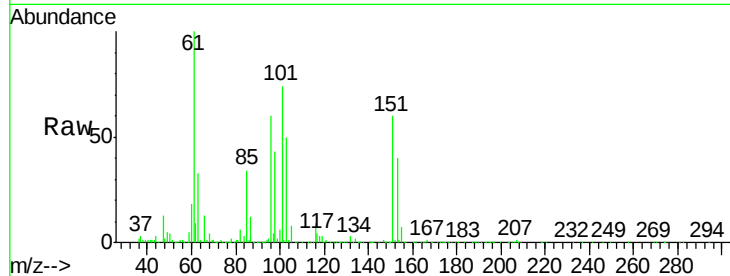
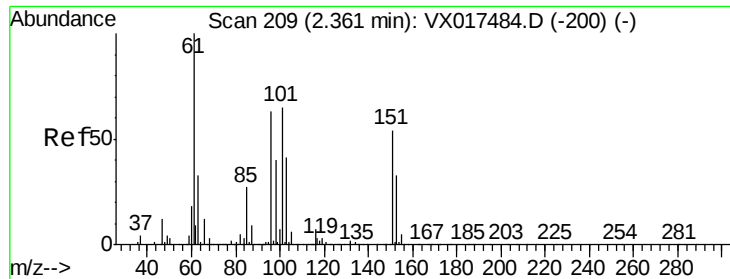


#8

Diethyl Ether
Concen: 18.318 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	63817		
45	102.6	50.8	152.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.918 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017717.D

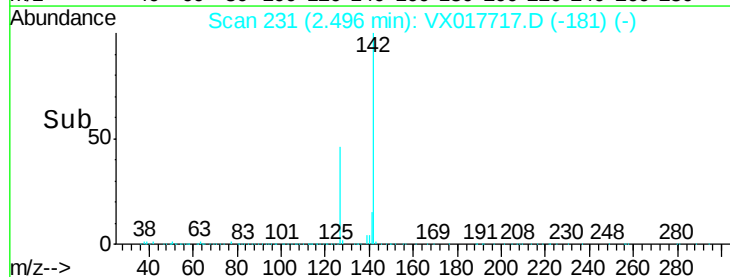
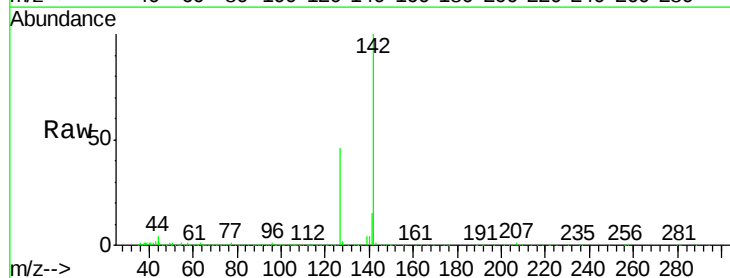
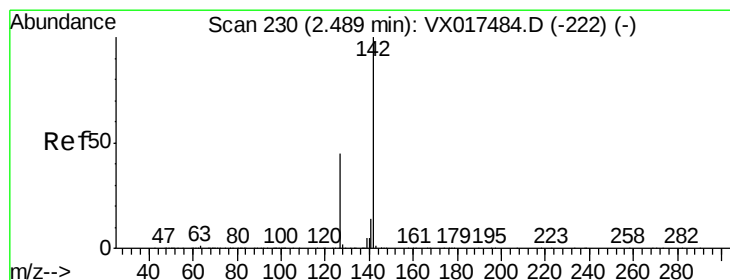
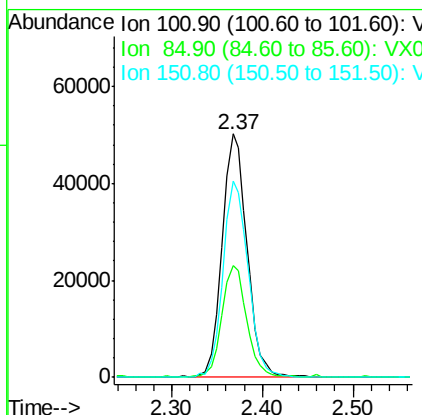
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	95279		
85	46.6		34.8	52.2
151	81.9		68.0	102.0

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#10

Methyl Iodide

Concen: 14.474 ug/l

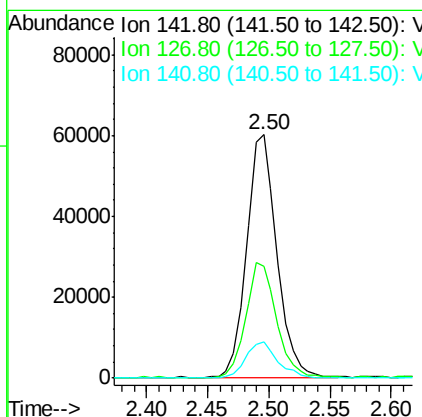
RT: 2.50 min Scan# 231

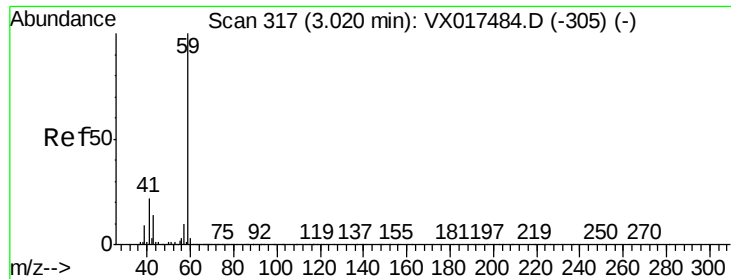
Delta R.T. 0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	104286		
127	48.4		35.9	53.9
141	15.6		11.4	17.0





#11

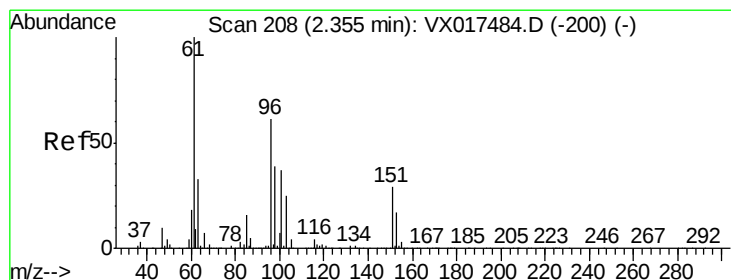
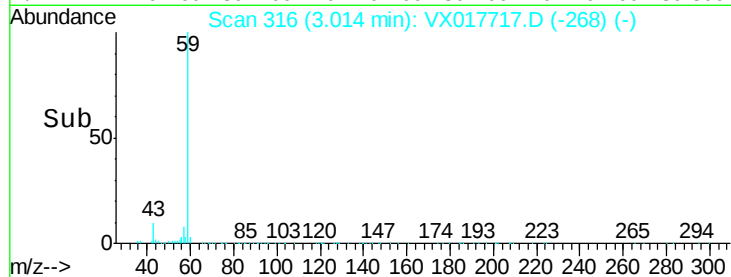
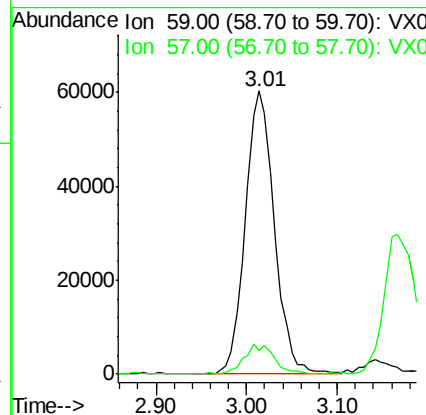
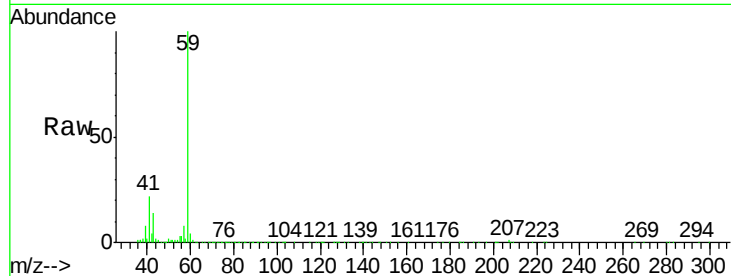
Tert butyl alcohol
Concen: 95.303 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.6	12.8

Manual Integrations
APPROVED

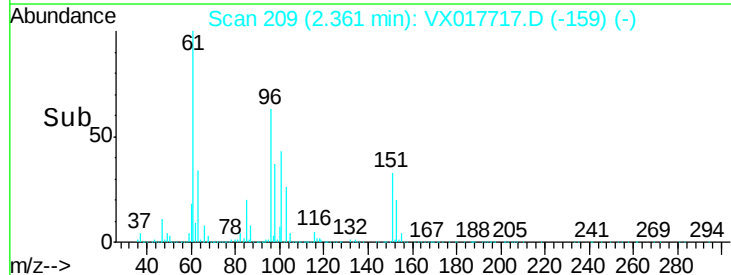
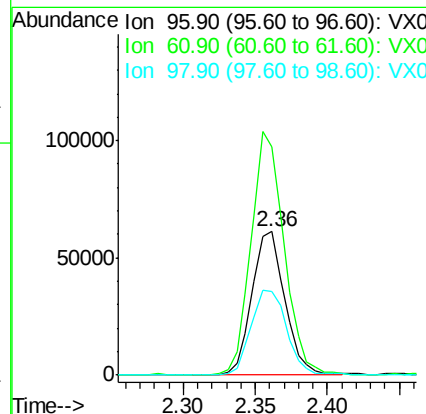
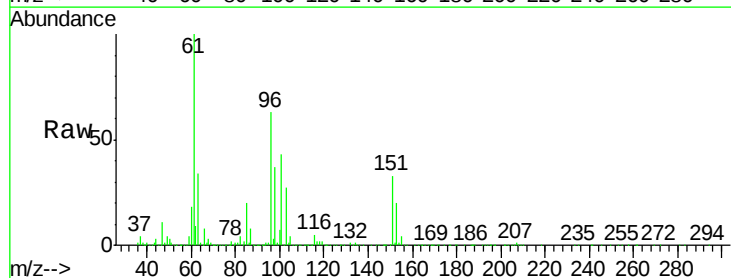
MMDadoda
8/3/2020 5:02:35 PM

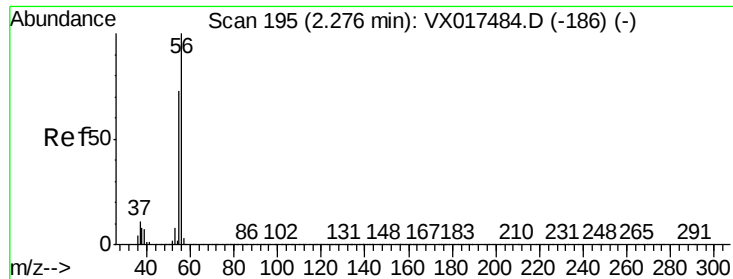


#12

1,1-Dichloroethene
Concen: 17.988 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.1	134.0	201.0
98	57.9	51.0	76.4





#13

Acrolein

Concen: 71.173 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 56 Resp: 73043

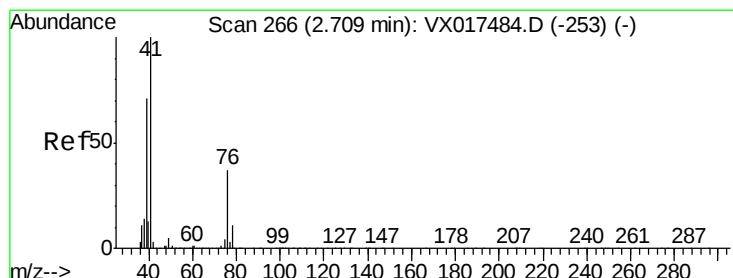
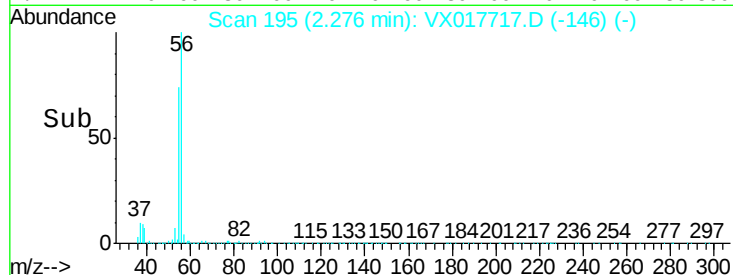
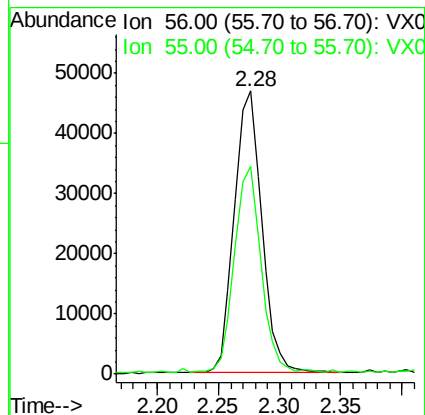
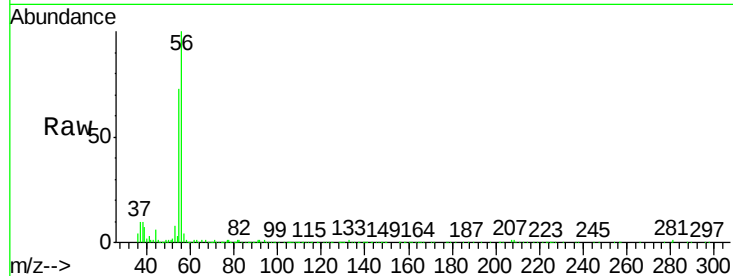
Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.2

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#14

Allyl chloride

Concen: 18.173 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

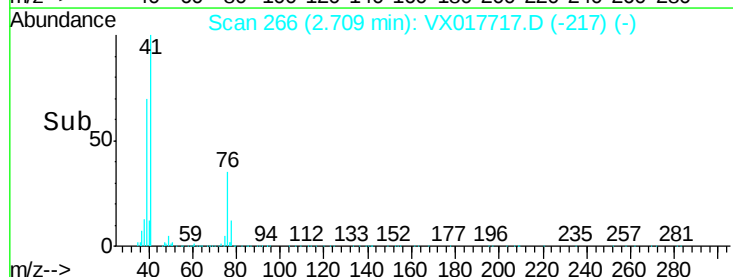
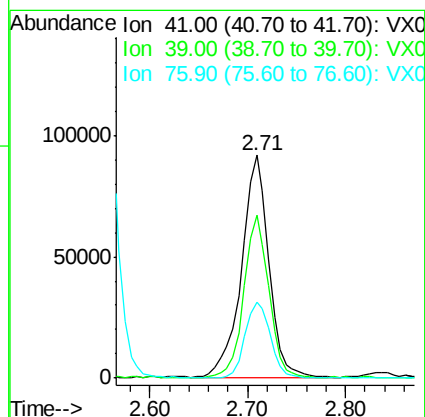
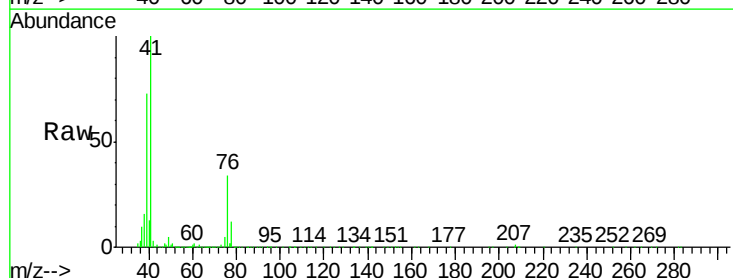
Tgt Ion: 41 Resp: 177716

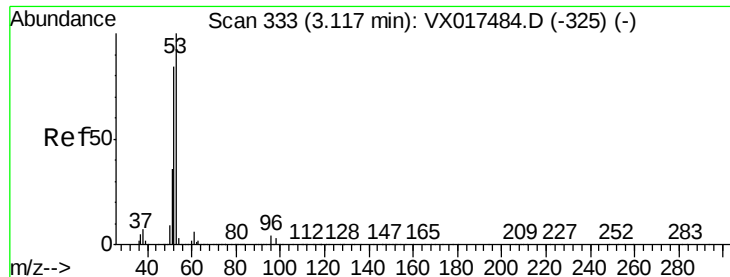
Ion Ratio Lower Upper

41 100

39 66.3 51.9 77.9

76 31.5 25.5 38.3





#15

Acrylonitrile

Concen: 95.511 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

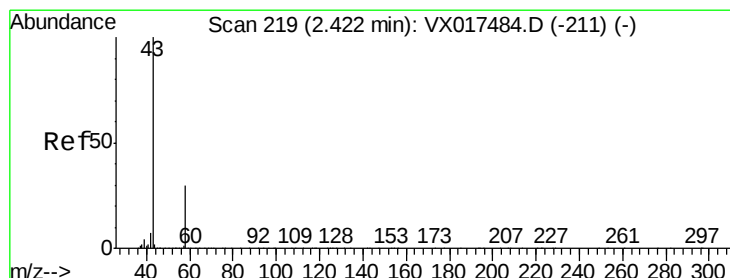
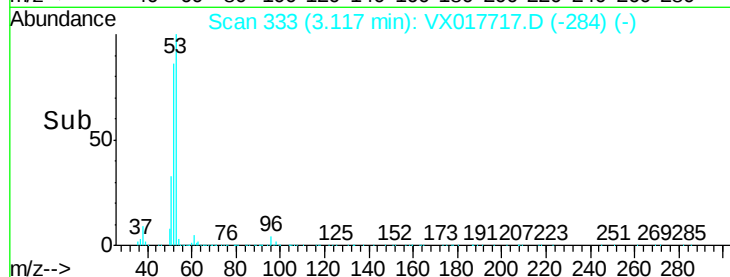
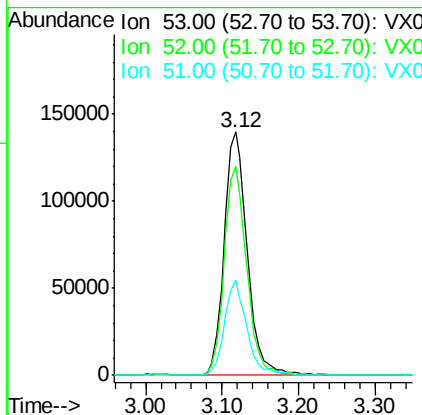
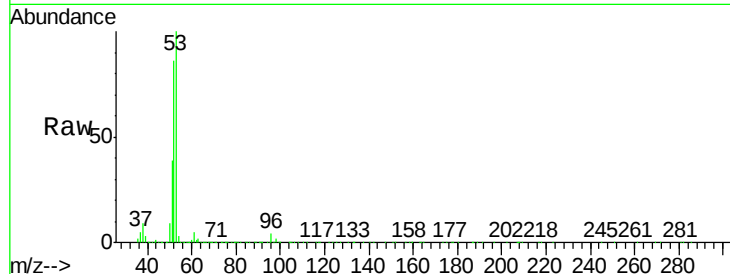
ClientSampleId :

VX0731WBS02

Tot Ion:	53	Resp:	289571
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.6	99.8
51	37.6	29.4	44.2

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#16

Acetone

Concen: 94.207 ug/l

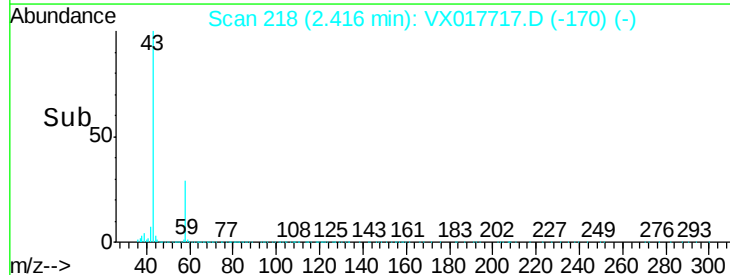
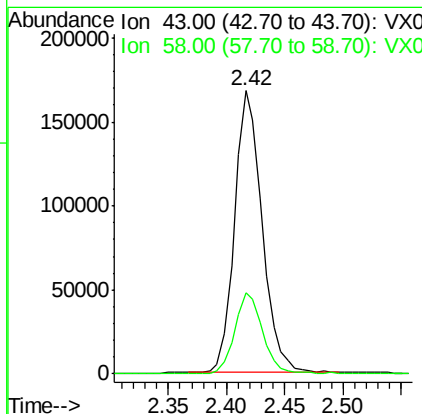
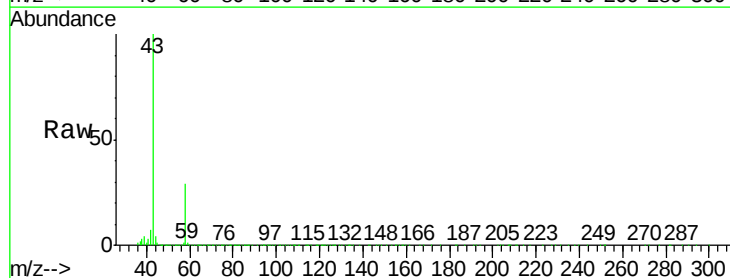
RT: 2.42 min Scan# 218

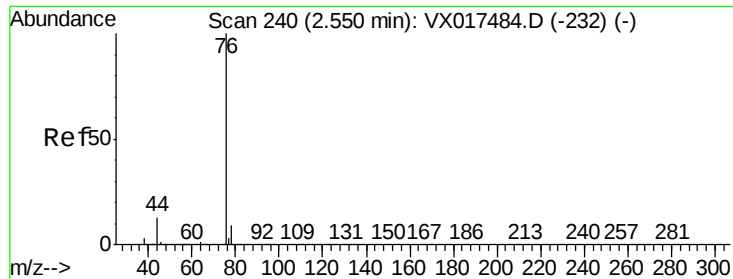
Delta R.T. -0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion:	43	Resp:	276159
Ion Ratio	Lower	Upper	
43	100		
58	28.8	24.2	36.4





#17

Carbon Disulfide

Concen: 15.952 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 76 Resp: 259658

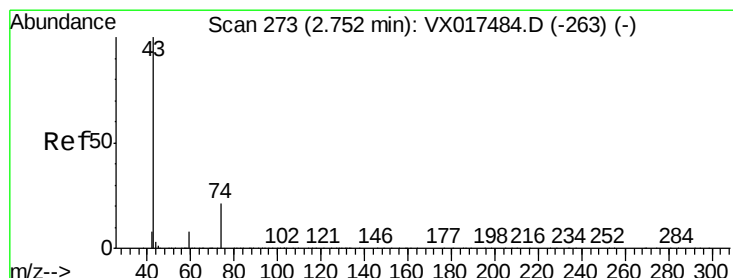
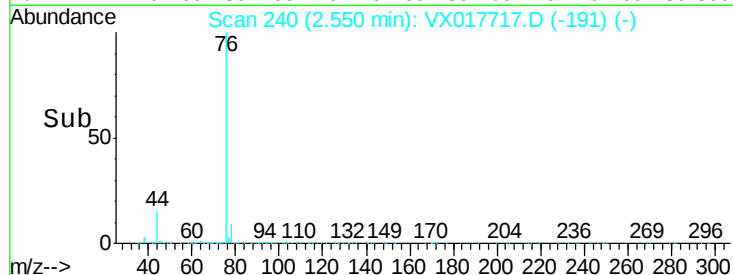
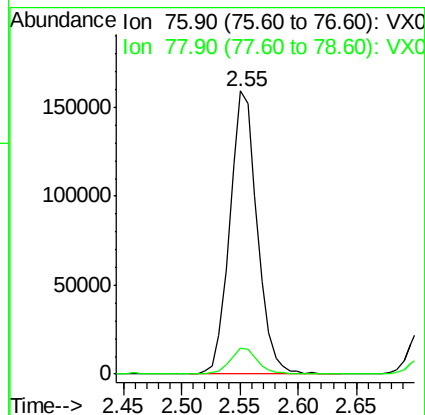
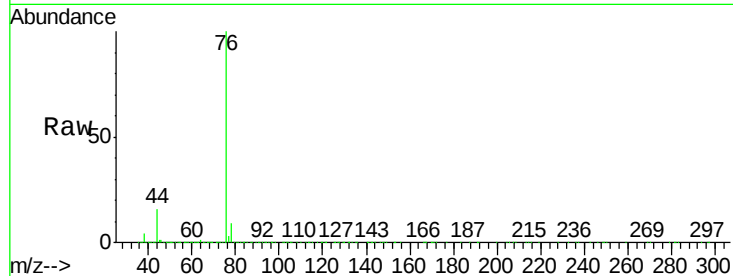
Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#18

Methyl Acetate

Concen: 20.439 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017717.D

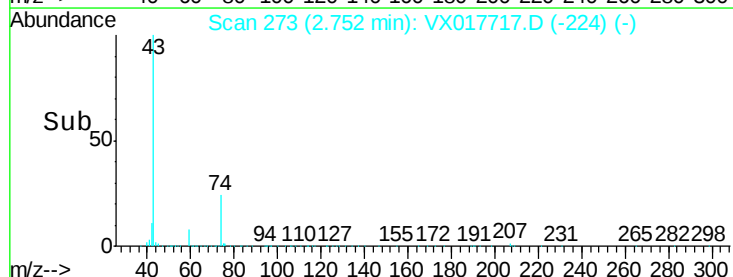
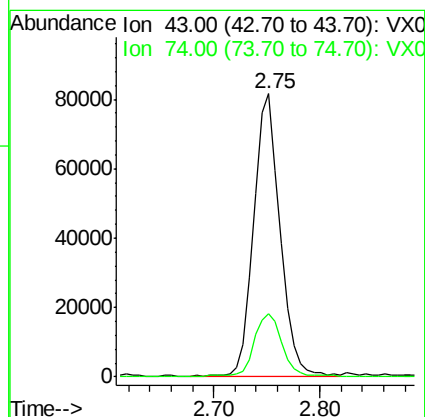
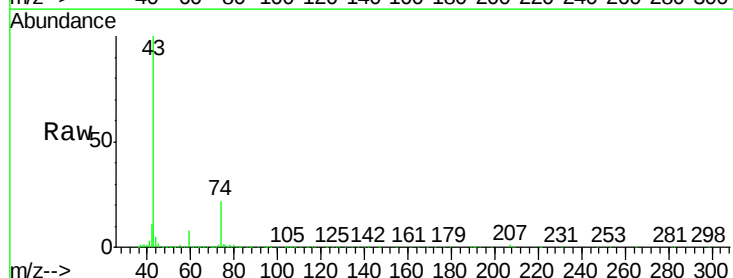
Acq: 31 Jul 2020 22:20

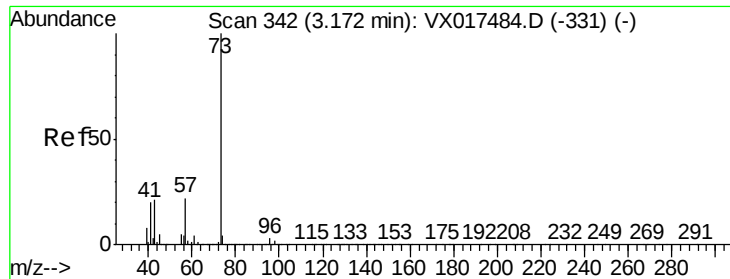
Tgt Ion: 43 Resp: 141105

Ion Ratio Lower Upper

43 100

74 23.0 17.5 26.3





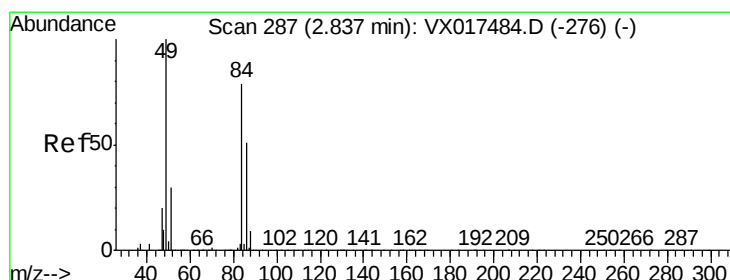
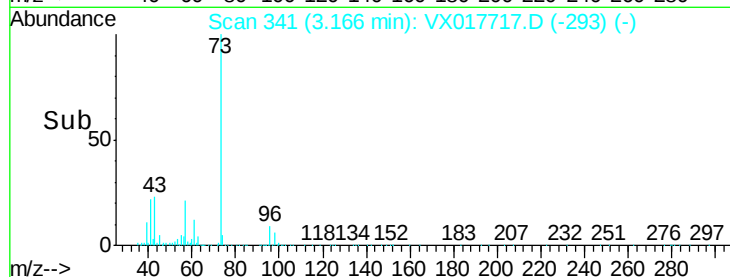
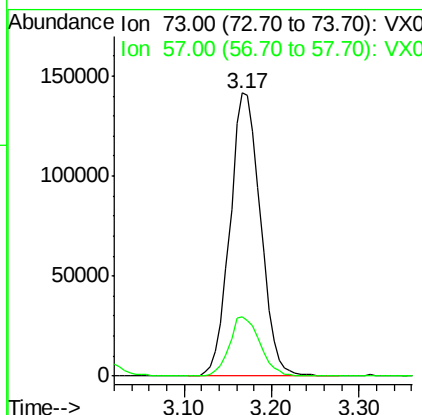
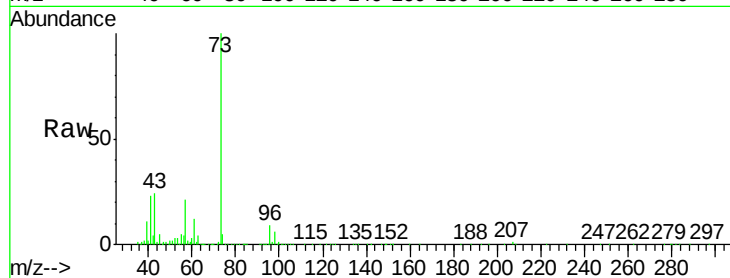
#19
Methyl tert-butyl Ether
Concen: 18.470 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.0	25.4

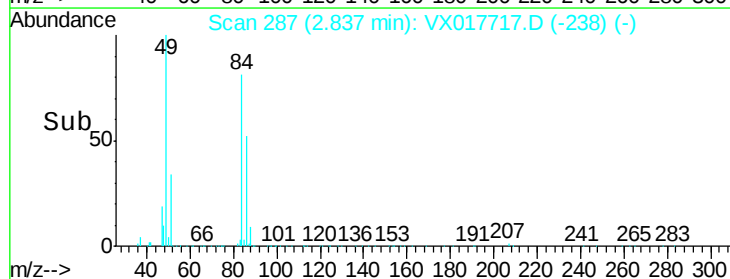
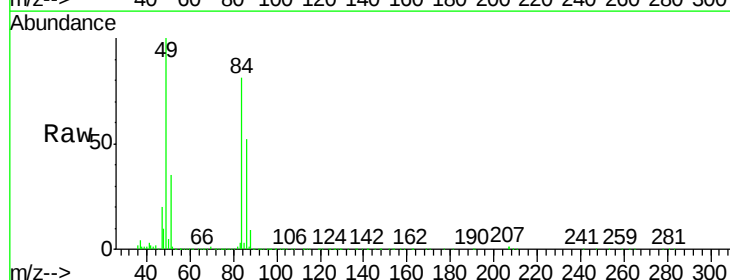
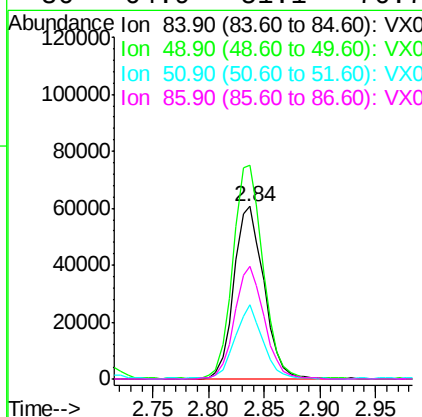
Manual Integrations
APPROVED

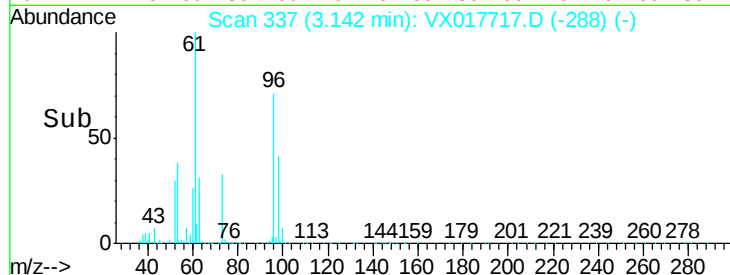
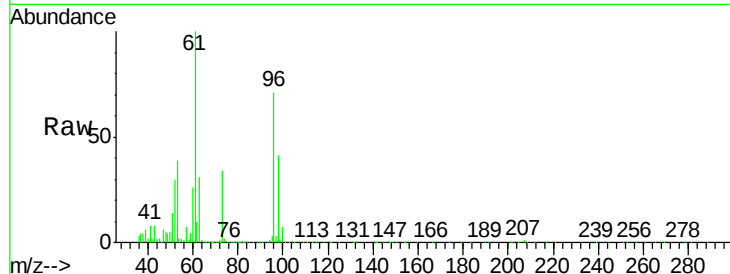
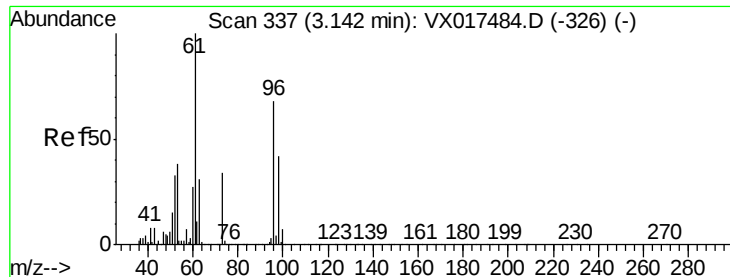
MMDadoda
8/3/2020 5:02:35 PM



#20
Methylene Chloride
Concen: 19.748 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	100.3	150.5
51	42.5	30.5	45.7
86	64.9	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 18.540 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017717.D

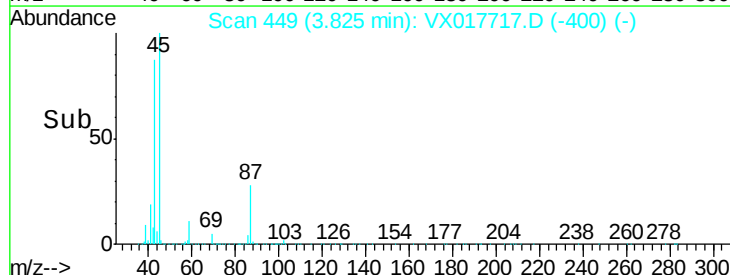
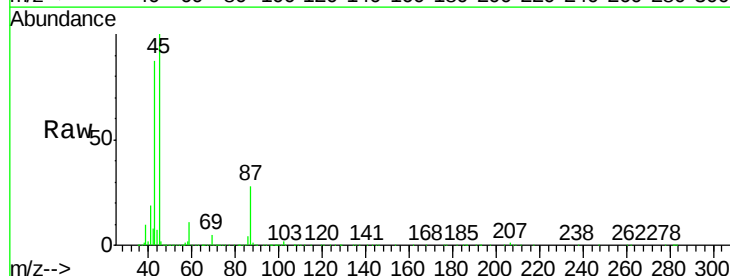
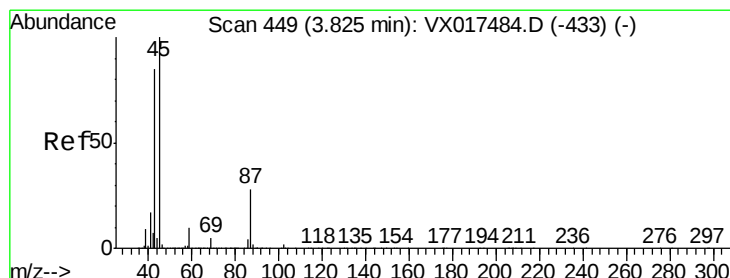
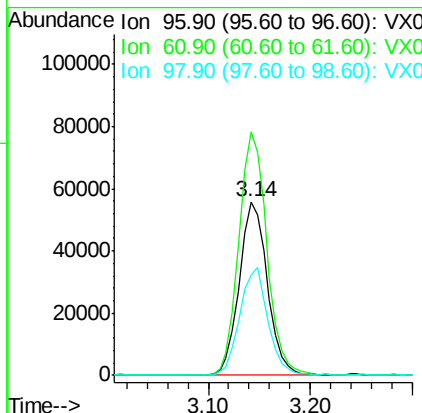
Acq: 31 Jul 2020 22:20

Tot Ion:	96	Resp:	106367
Ion Ratio	Lower	Upper	
96	100		
61	140.1	113.0	169.4
98	57.4	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#22

Diisopropyl ether

Concen: 19.549 ug/l

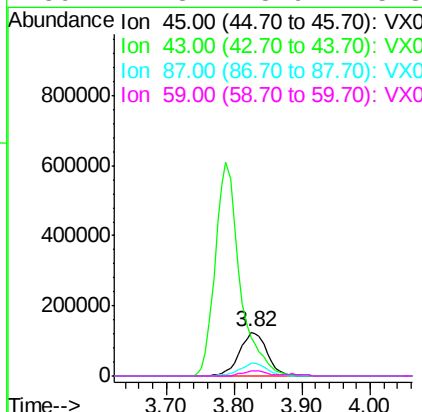
RT: 3.82 min Scan# 449

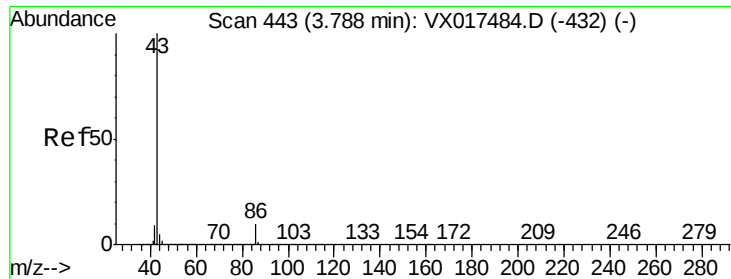
Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion:	45	Resp:	349546
Ion Ratio	Lower	Upper	
45	100		
43	86.2	52.0	78.0#
87	27.9	22.2	33.4
59	11.3	8.9	13.3





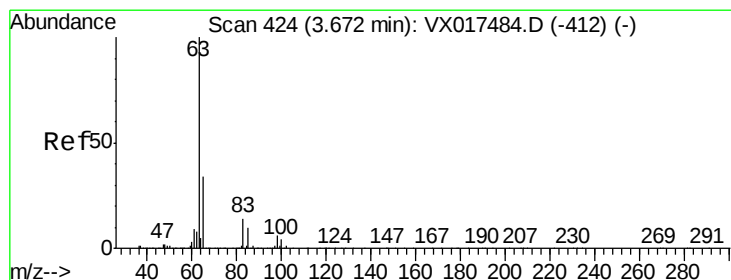
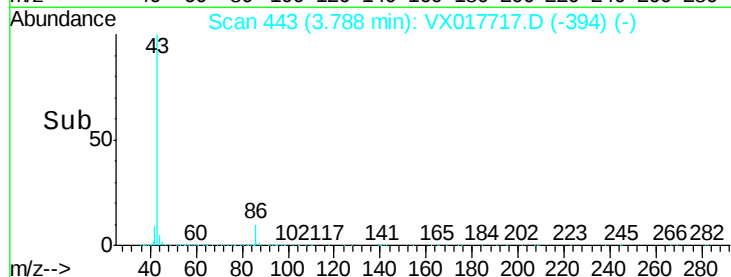
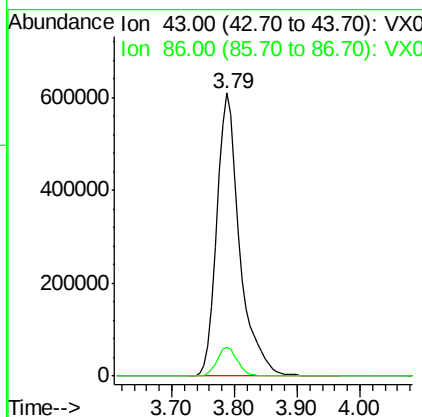
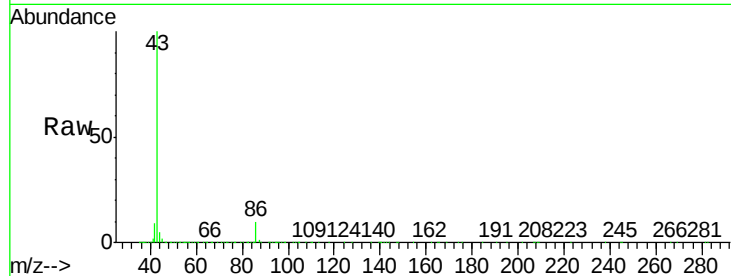
#23
 Vinyl Acetate
 Concen: 96.497 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Tot Ion: 43 Resp: 1538406
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4

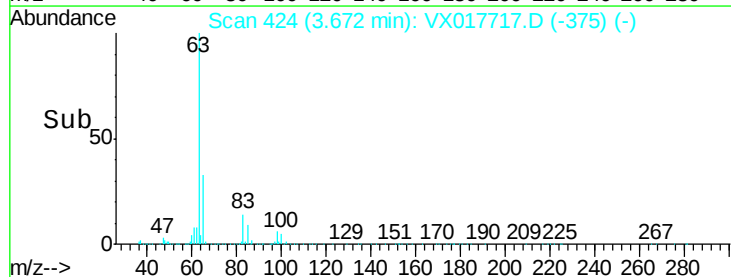
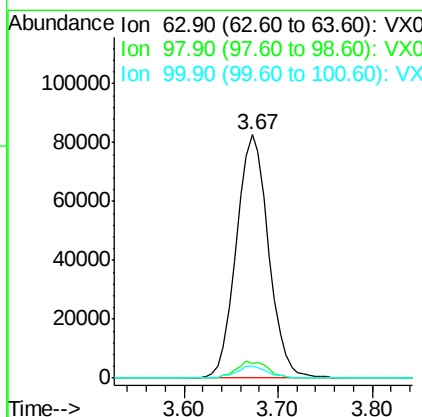
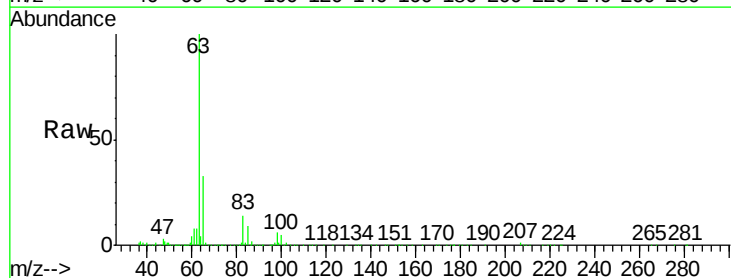
Manual Integrations
 APPROVED

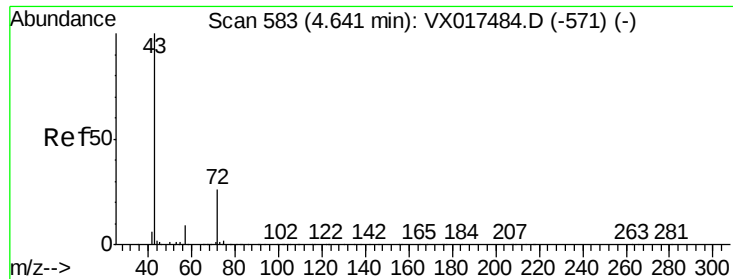
MMDadoda
 8/3/2020 5:02:35 PM



#24
 1,1-Dichloroethane
 Concen: 19.075 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion: 63 Resp: 196478
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.4 10.1
 100 4.7 1.9 5.7





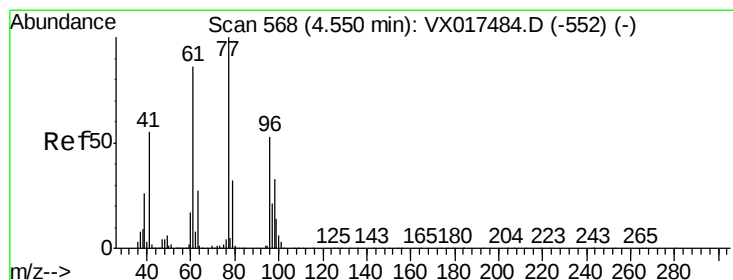
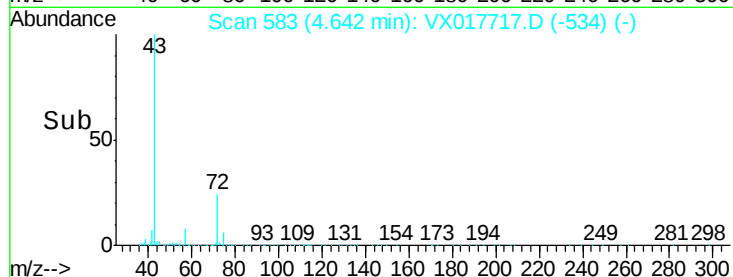
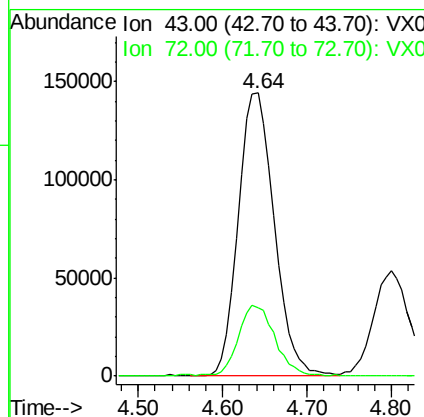
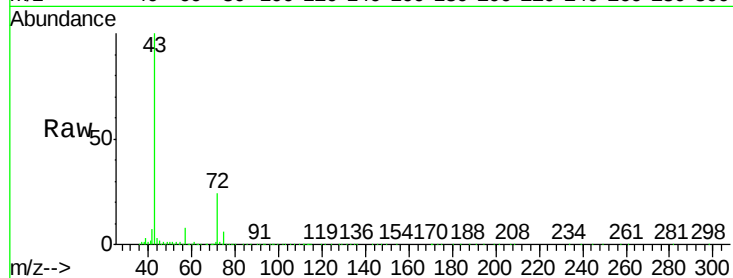
#25
2-Butanone
Concen: 99.778 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion: 43 Resp: 415513
Ion Ratio Lower Upper
43 100
72 24.0 19.0 28.4

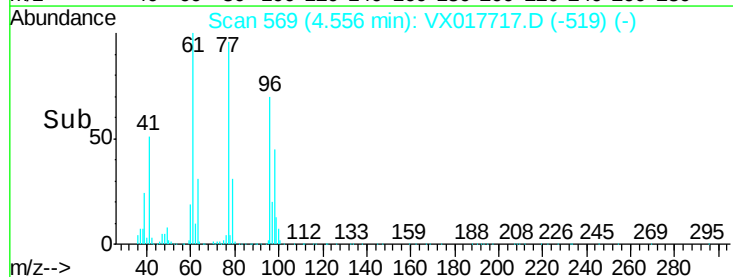
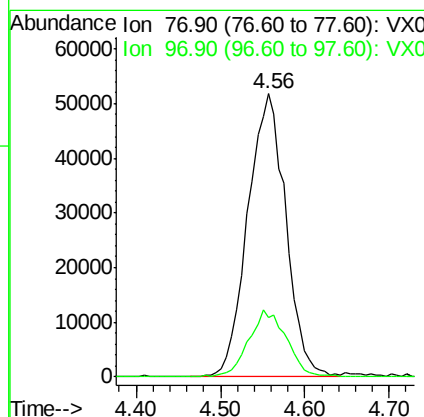
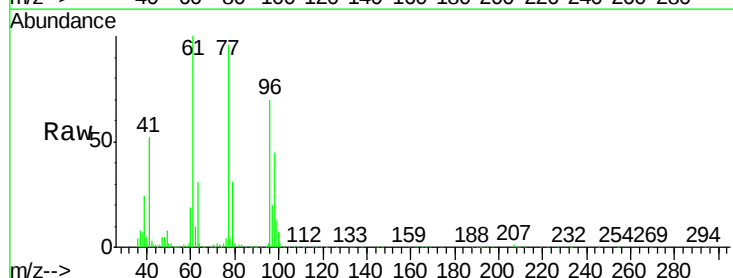
Manual Integrations
APPROVED

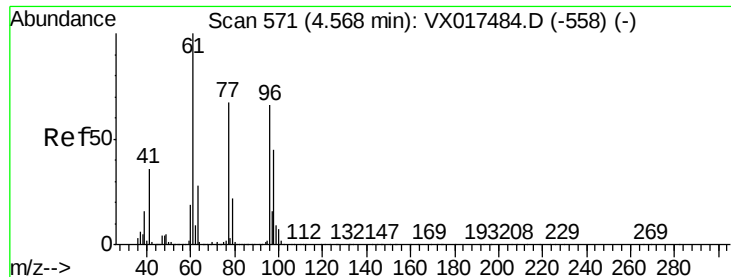
MMDadoda
8/3/2020 5:02:35 PM



#26
2,2-Dichloropropane
Concen: 17.268 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 77 Resp: 159213
Ion Ratio Lower Upper
77 100
97 23.7 10.9 32.9





#27

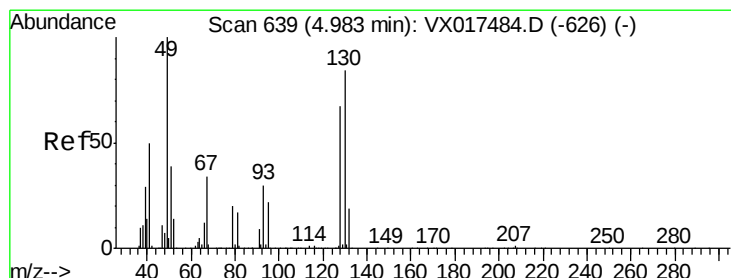
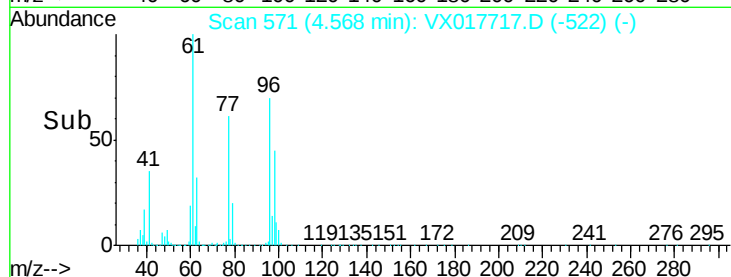
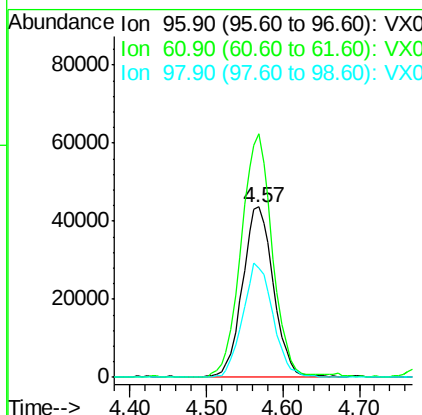
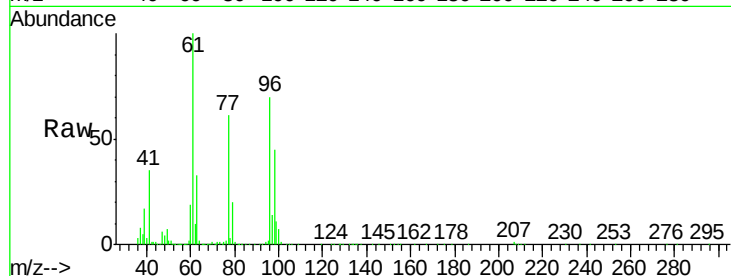
cis-1,2-Dichloroethene
 Concen: 19.804 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123411		
61	142.2	0.0	301.2	
98	65.6	0.0	130.0	

Manual Integrations
 APPROVED

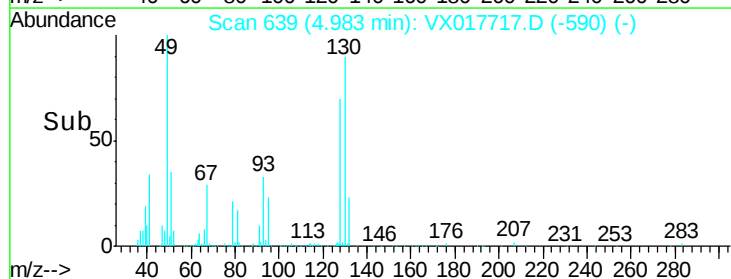
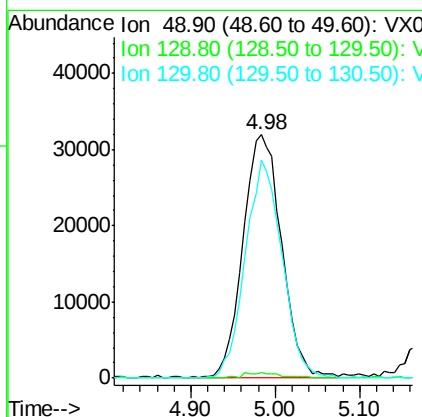
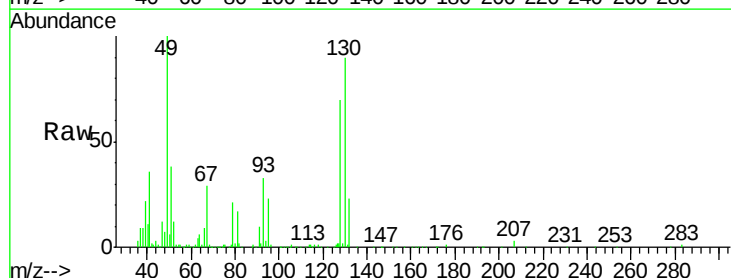
MMDadoda
 8/3/2020 5:02:35 PM

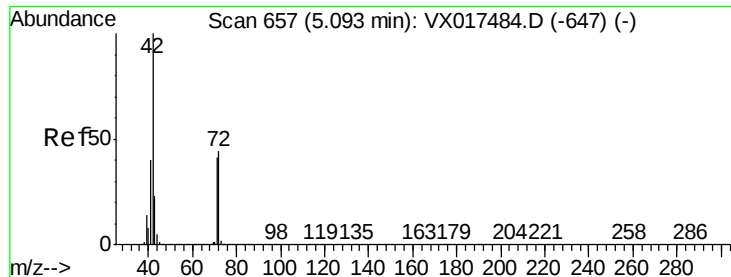


#28

Bromochloromethane
 Concen: 21.214 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	99020		
129	2.0	0.0	4.6	
130	85.9	66.7	100.1	





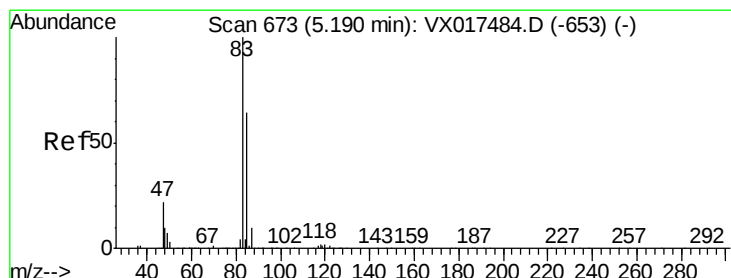
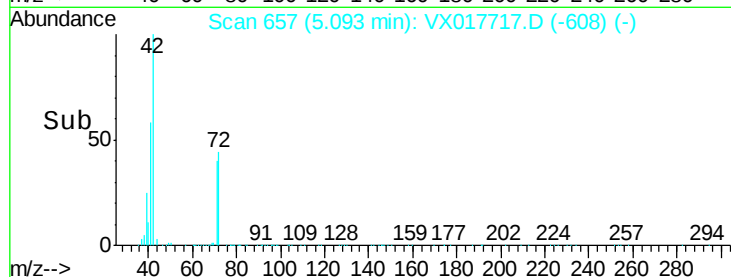
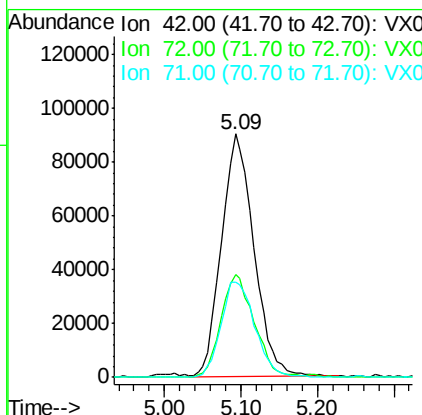
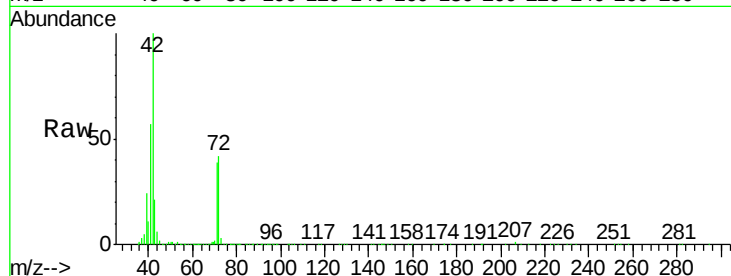
#29
Tetrahydrofuran
Concen: 102.566 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.5	53.3
71	41.0	33.0	49.4

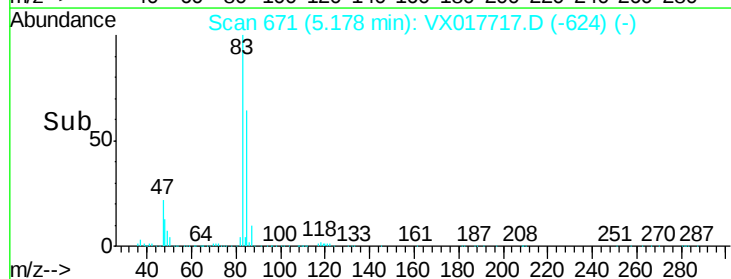
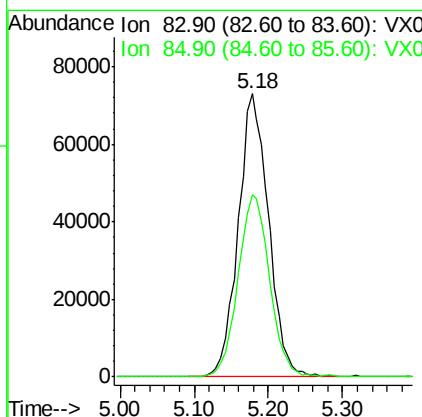
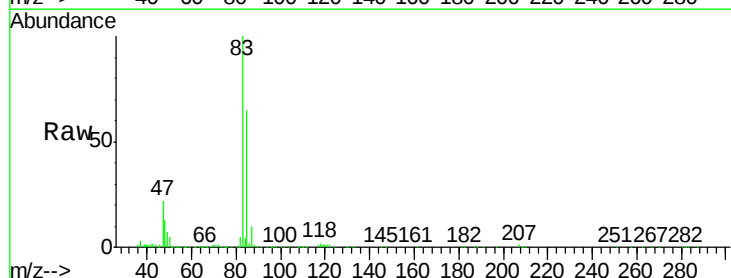
Manual Integrations
APPROVED

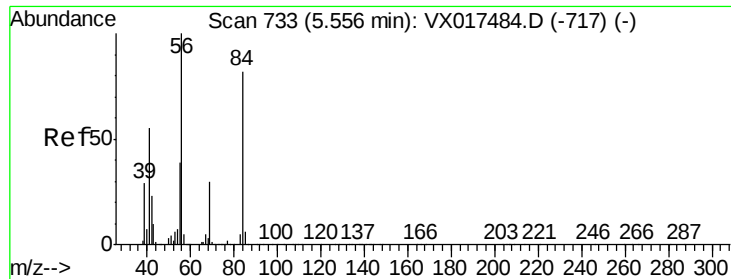
MMDadoda
8/3/2020 5:02:35 PM



#30
Chloroform
Concen: 19.859 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.2





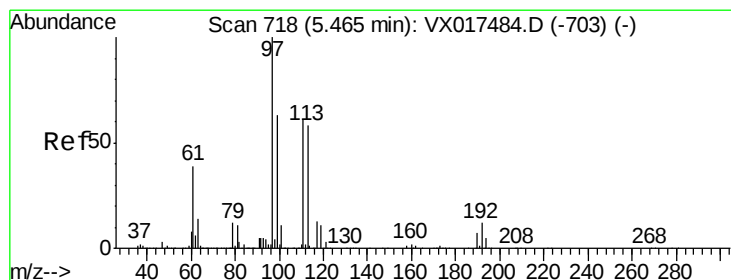
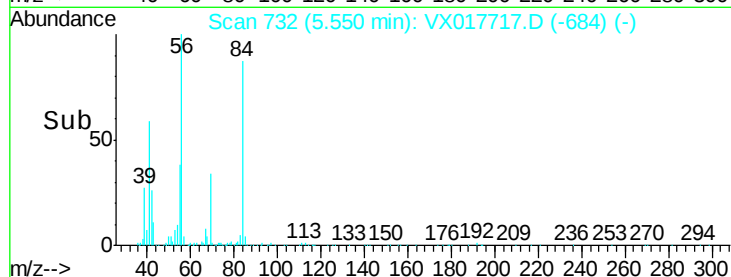
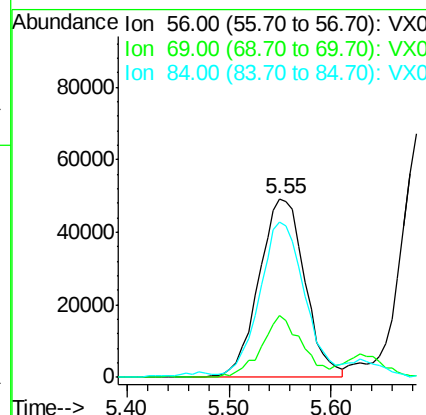
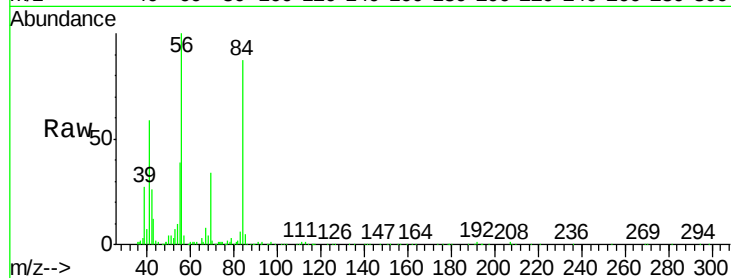
#31
Cvclohexane
Concen: 18.586 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	24.2	36.4
84	85.6	69.0	103.6

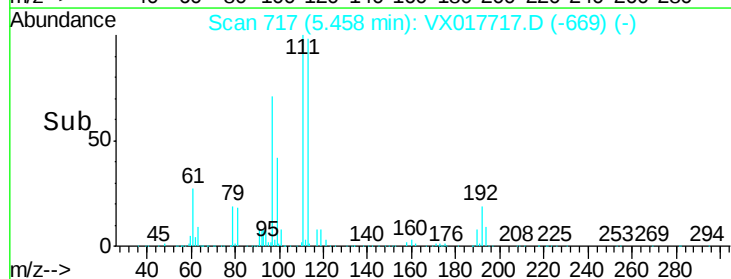
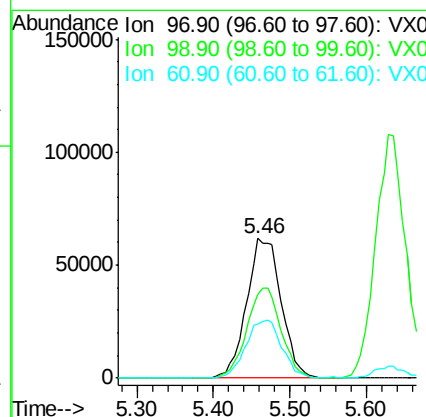
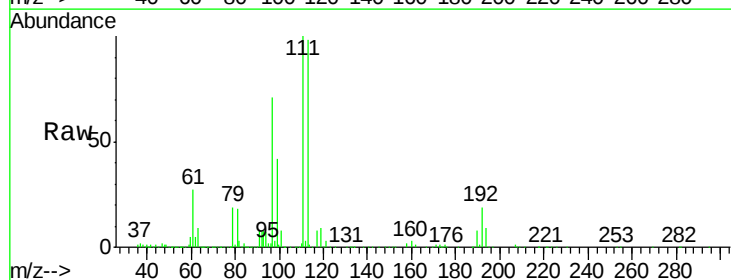
Manual Integrations
APPROVED

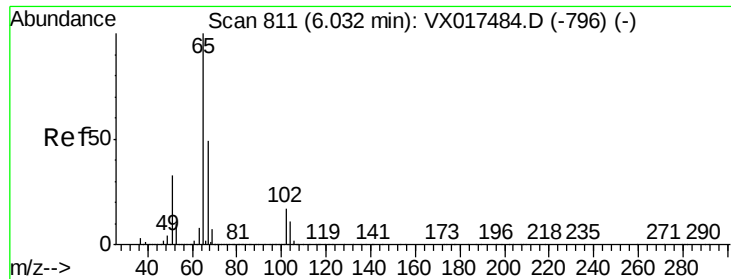
MMDadoda
8/3/2020 5:02:35 PM



#32
1,1,1-Trichloroethane
Concen: 19.664 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.9	77.9
61	43.1	34.1	51.1





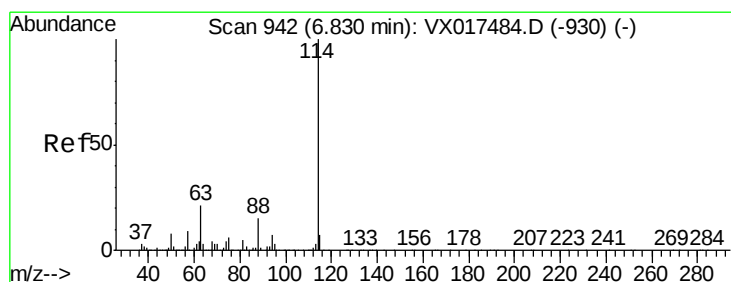
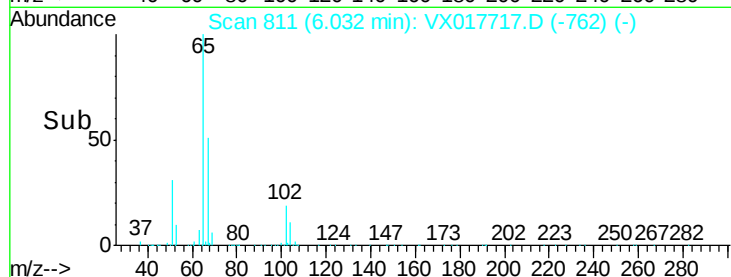
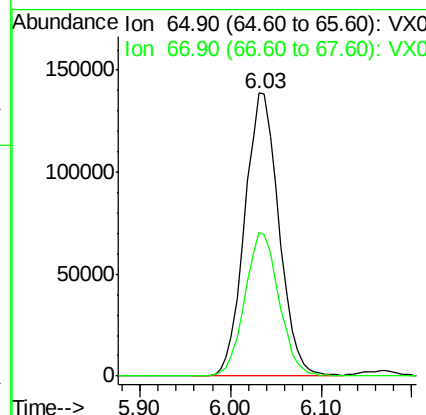
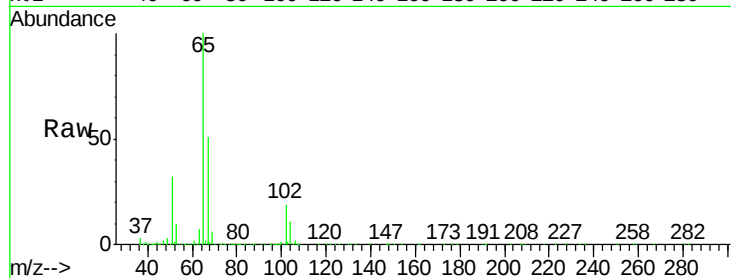
#33
 1,2-Dichloroethane-d4
 Concen: 54.395 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	102.8

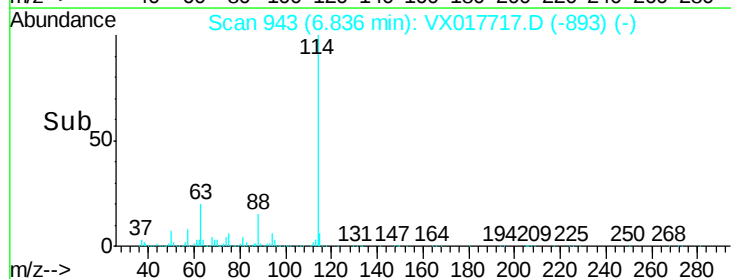
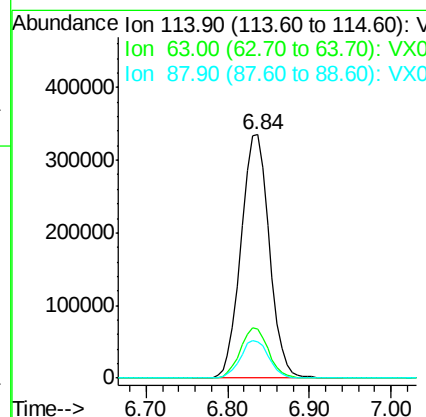
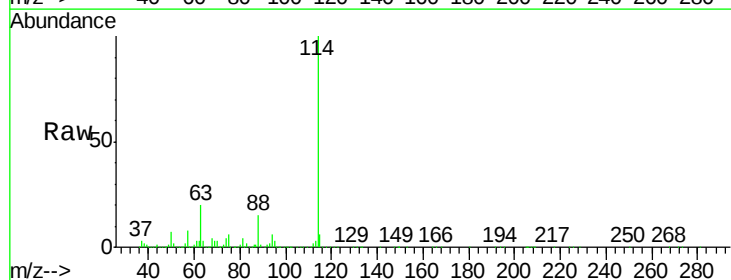
Manual Integrations
 APPROVED

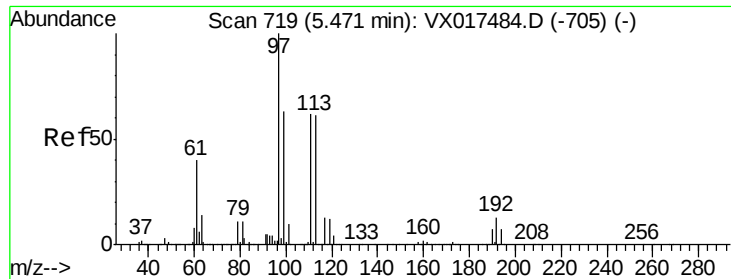
MMDadoda
 8/3/2020 5:02:35 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.6
88	15.1	0.0	33.4





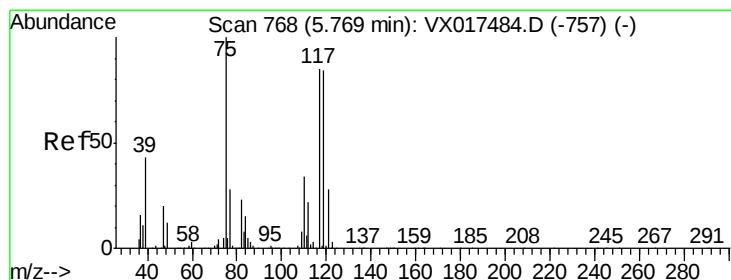
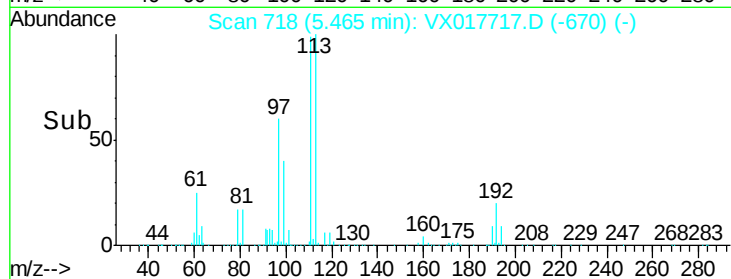
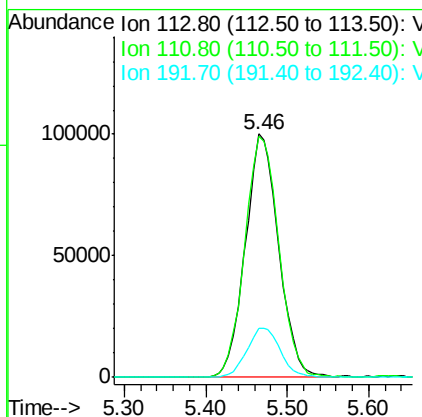
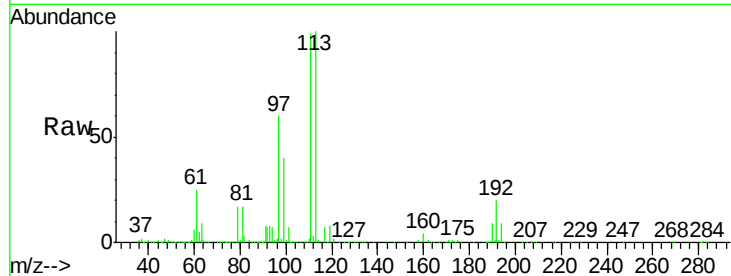
#35
 Dibromofluoromethane
 Concen: 52.657 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	284258		
111	101.7	80.7	121.1	
192	20.6	16.9	25.3	

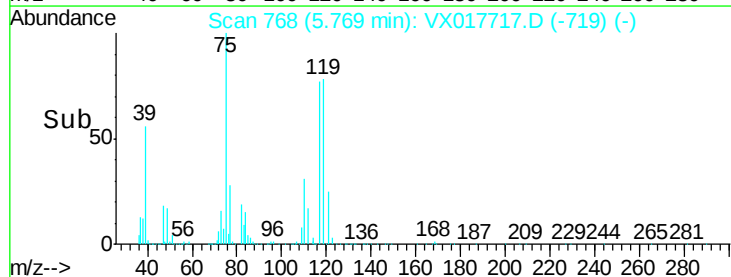
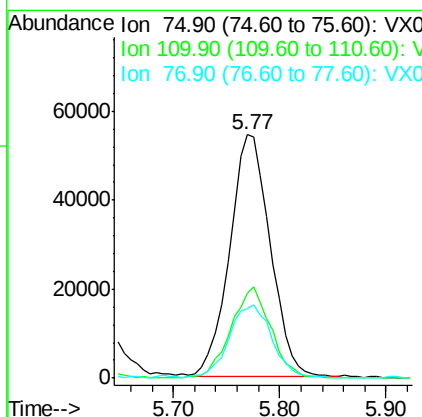
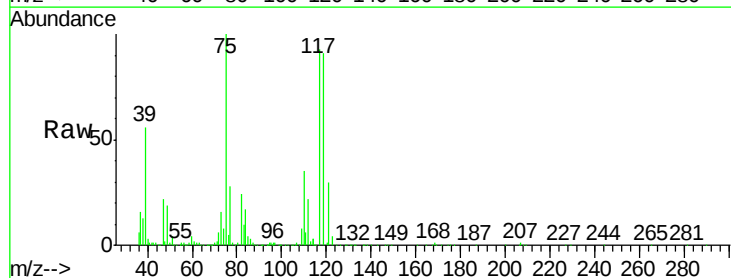
Manual Integrations
 APPROVED

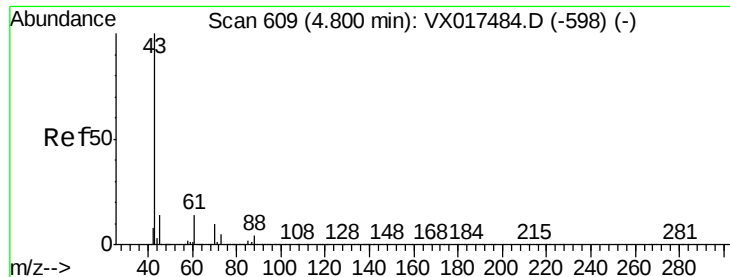
MMDadoda
 8/3/2020 5:02:35 PM



#36
 1,1-Dichloropropene
 Concen: 18.777 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145355		
110	36.8	18.1	54.3	
77	31.4	24.6	37.0	





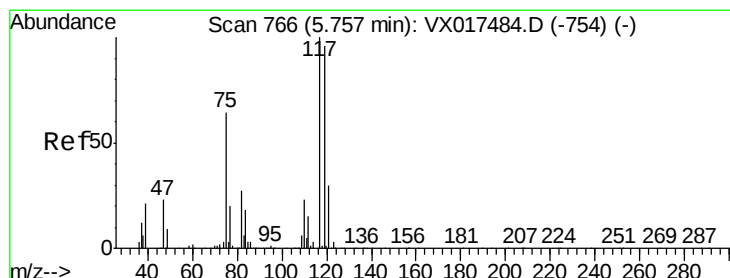
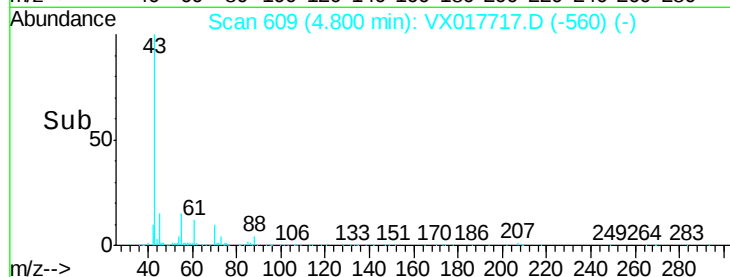
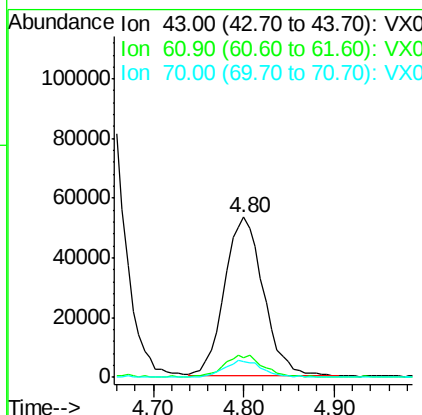
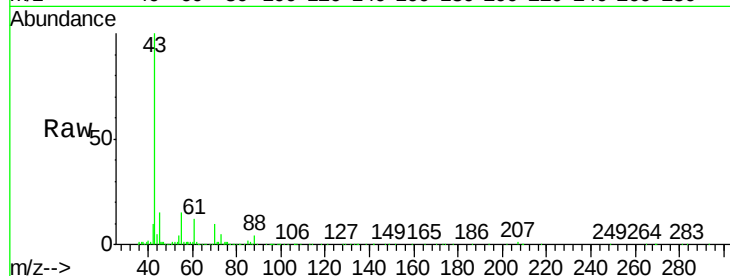
#37
Ethyl Acetate
Concen: 18.709 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampled :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.6	8.5	12.7

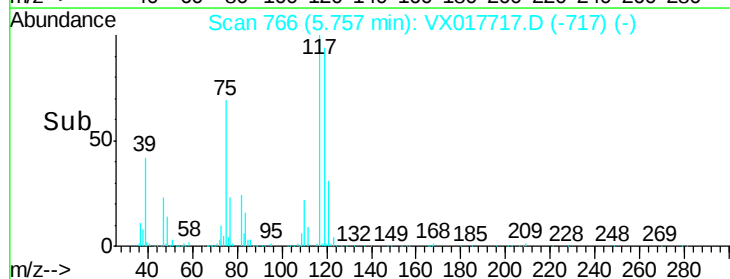
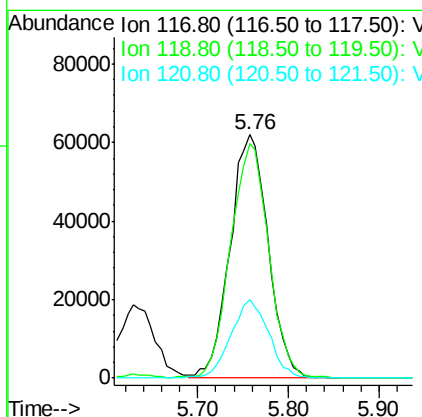
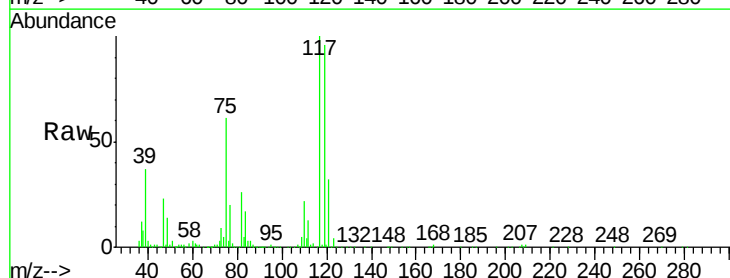
Manual Integrations
APPROVED

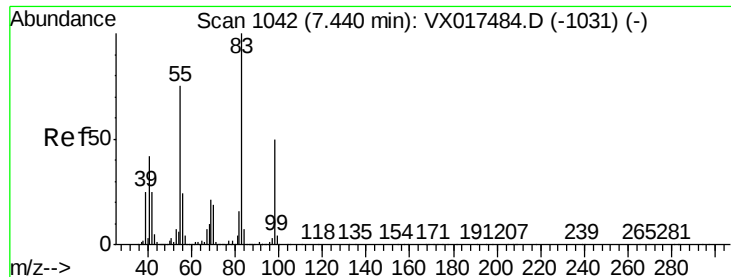
MMDadoda
8/3/2020 5:02:35 PM



#38
Carbon Tetrachloride
Concen: 19.223 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
121	32.0	24.3	36.5





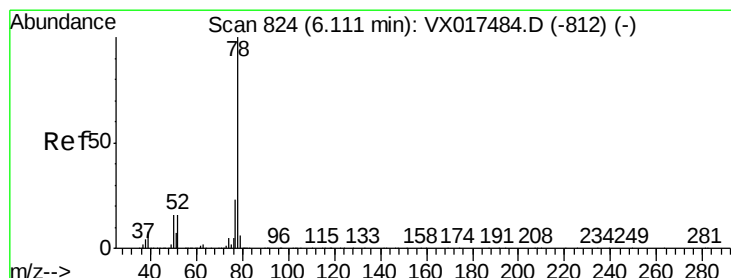
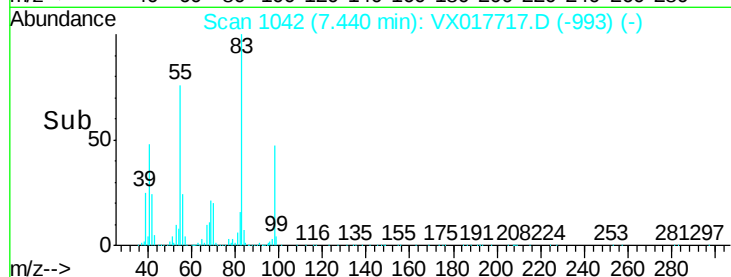
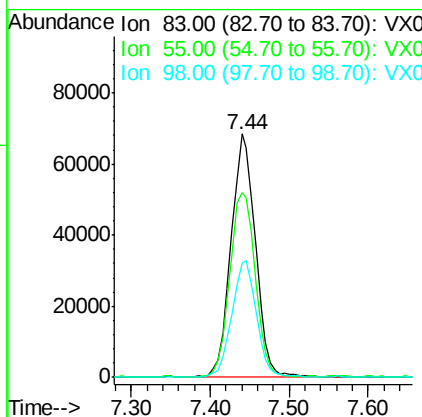
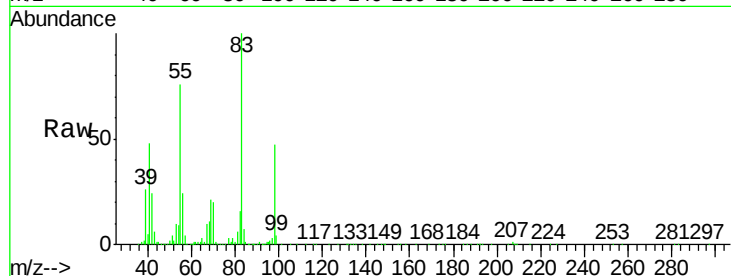
#39
Methvlcvclohexane
Concen: 16.193 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.8	92.8
98	47.2	36.9	55.3

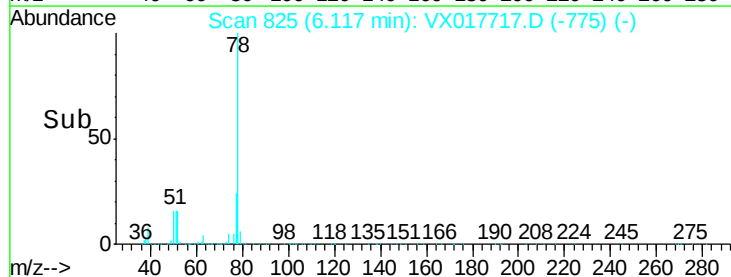
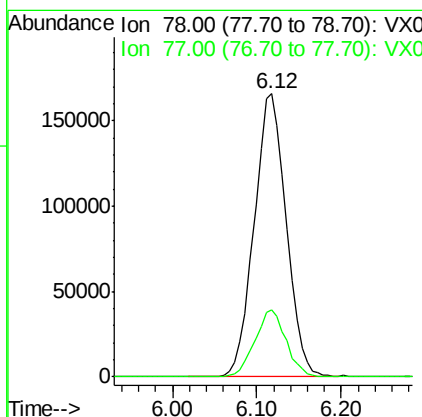
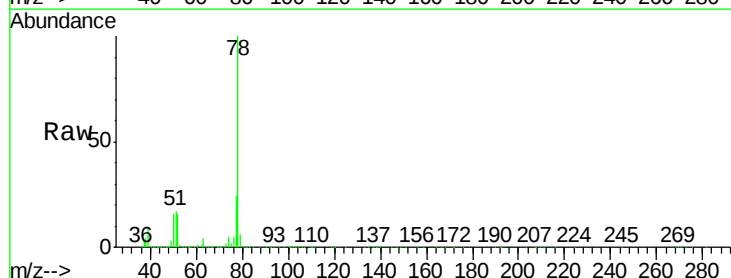
Manual Integrations
APPROVED

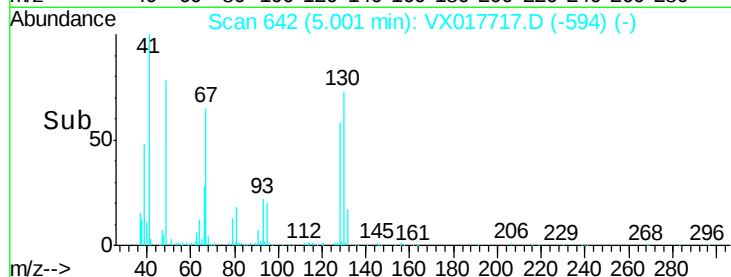
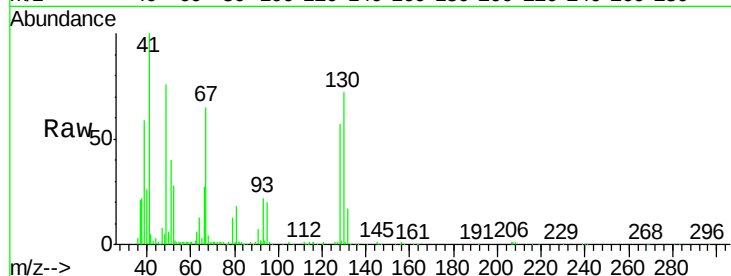
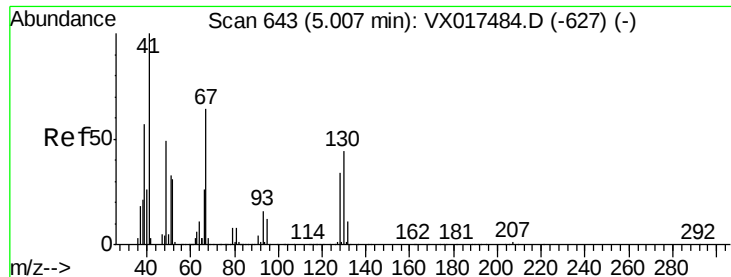
MMDadoda
8/3/2020 5:02:35 PM



#40
Benzene
Concen: 19.411 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.2





#41

Methacrylonitrile

Concen: 18.258 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		88644		
39	57.0	43.9	65.9		
67	73.2	54.0	81.0		
52	31.1	23.0	34.6		

Instrument :

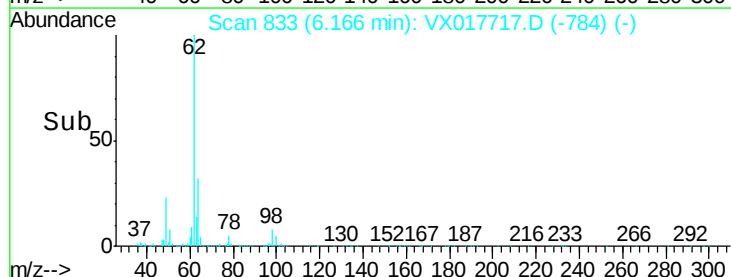
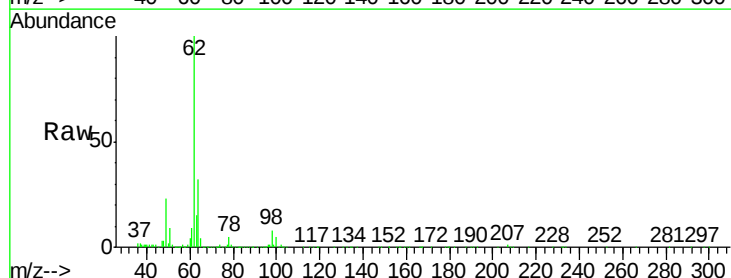
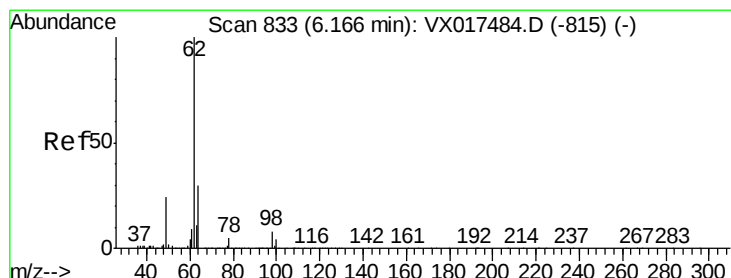
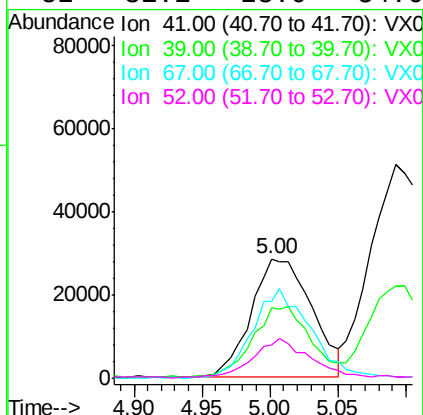
MSVOA_X

ClientSampleId :

VX0731WBS02

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#42

1,2-Dichloroethane

Concen: 19.462 ug/l

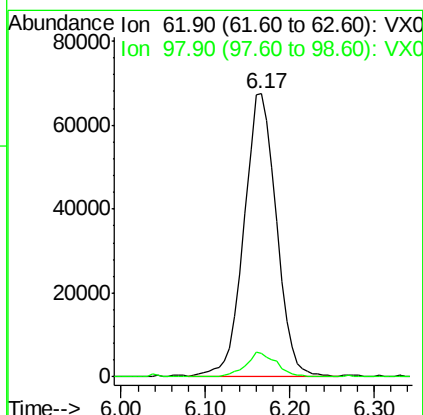
RT: 6.17 min Scan# 833

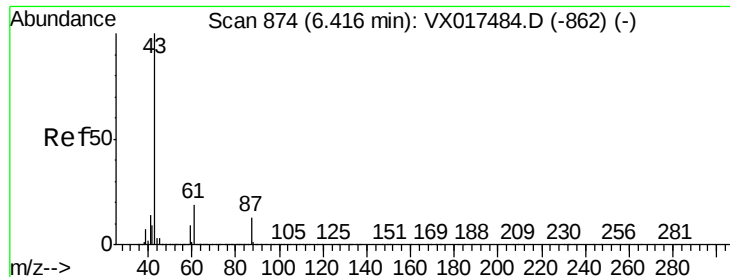
Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		176709		
98	8.5	0.0	16.0		





#43

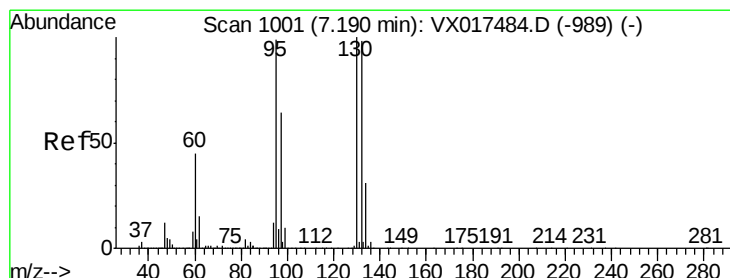
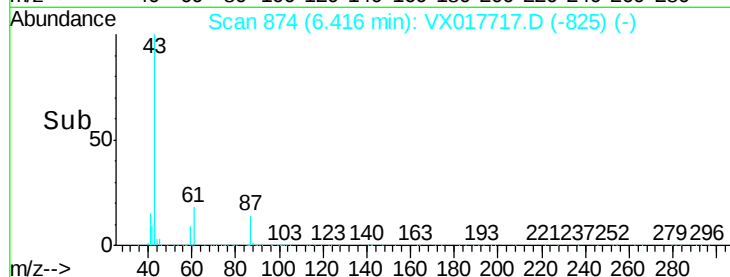
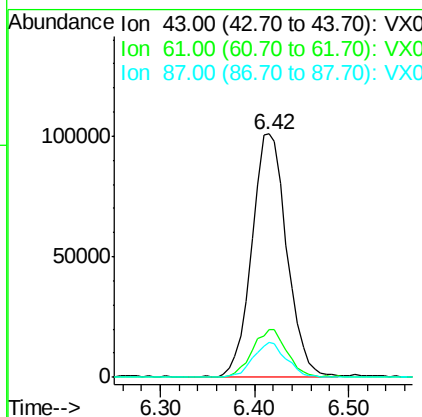
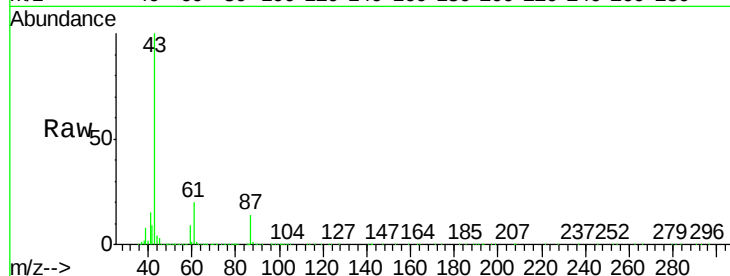
Isopropyl Acetate
 Concen: 18.800 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.5	23.3
87	13.7	10.5	15.7

Manual Integrations
 APPROVED

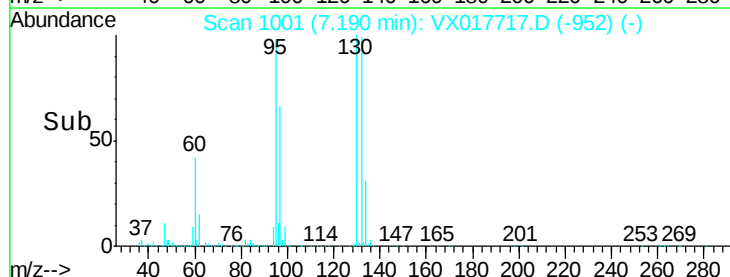
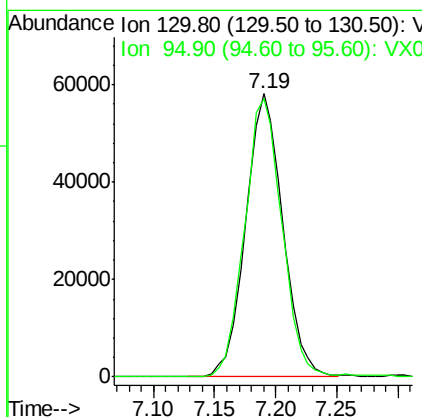
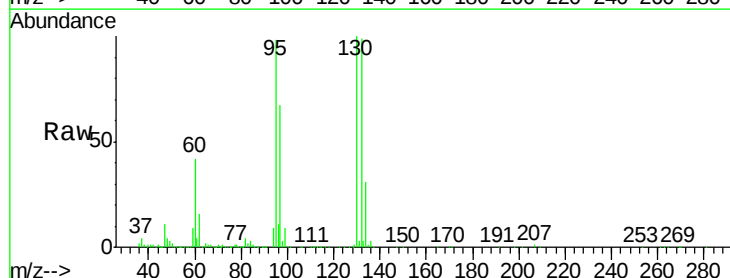
MMDadoda
 8/3/2020 5:02:35 PM

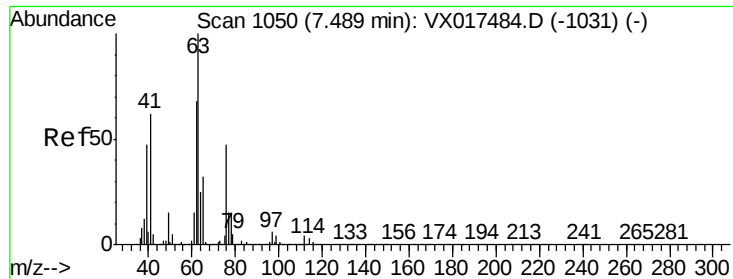


#44

Trichloroethene
 Concen: 18.949 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	189.0





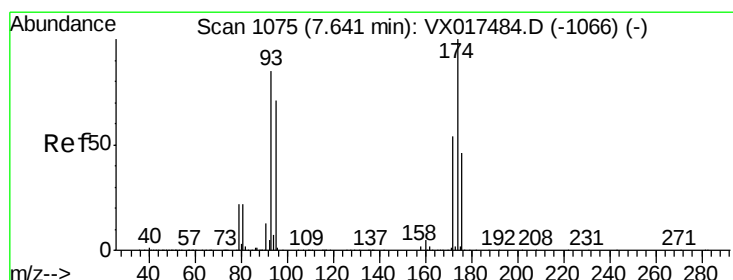
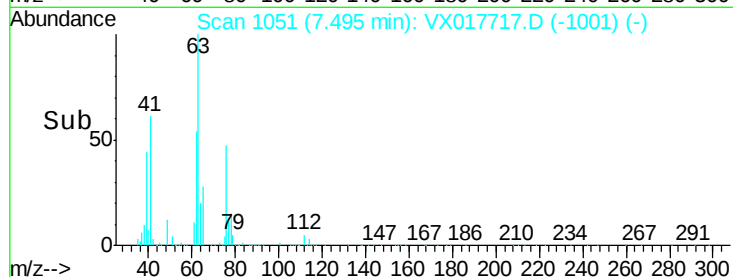
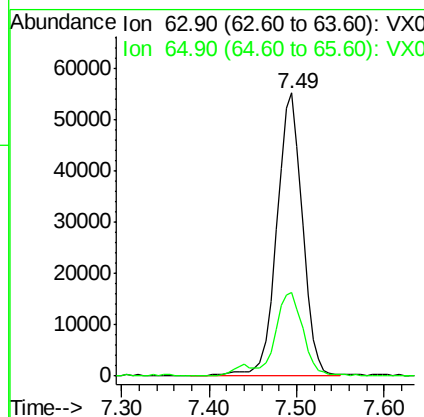
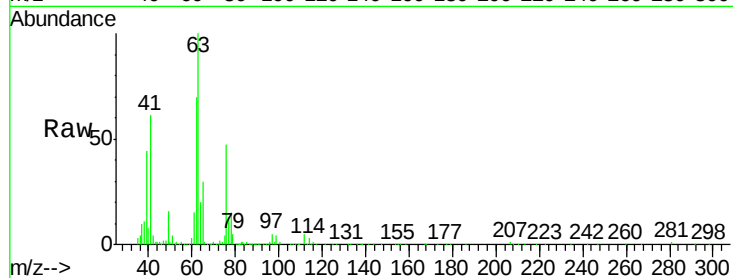
#45
 1,2-Dichloropropane
 Concen: 18.375 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.5	36.7

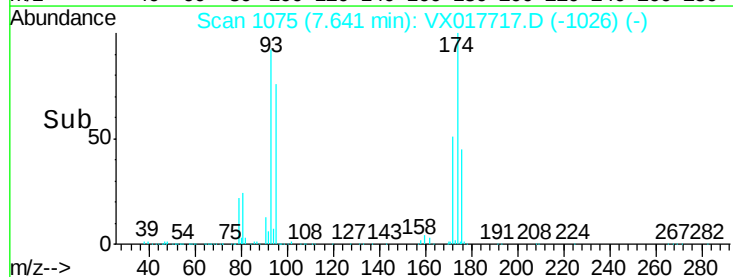
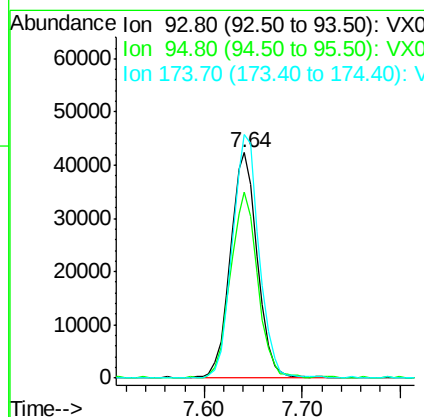
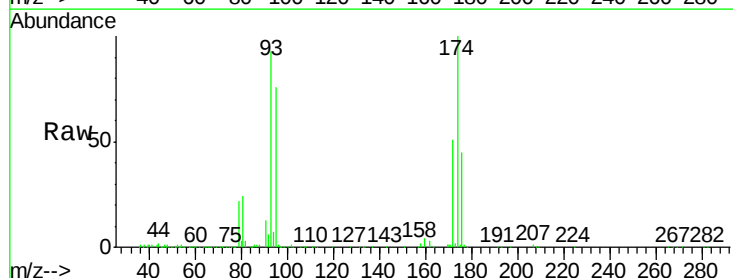
Manual Integrations
 APPROVED

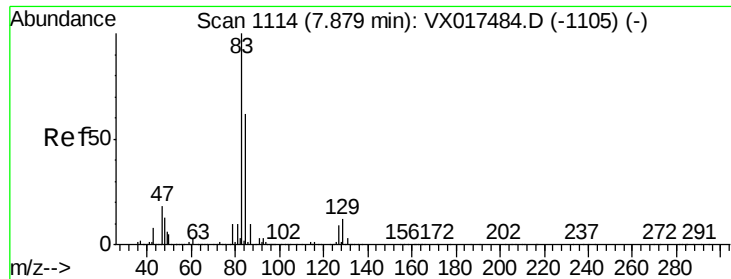
MMDadoda
 8/3/2020 5:02:35 PM



#46
 Dibromomethane
 Concen: 18.669 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.6	99.8
174	107.0	87.0	130.6





#47

Bromodichloromethane

Concen: 19.158 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

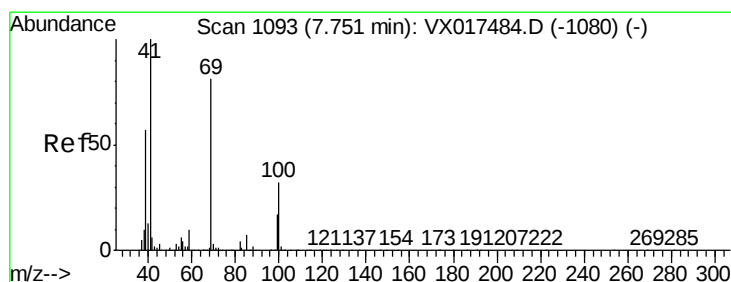
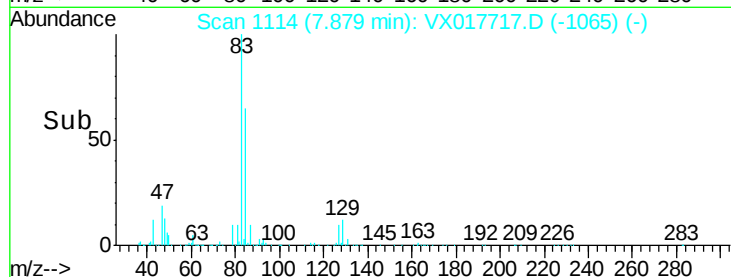
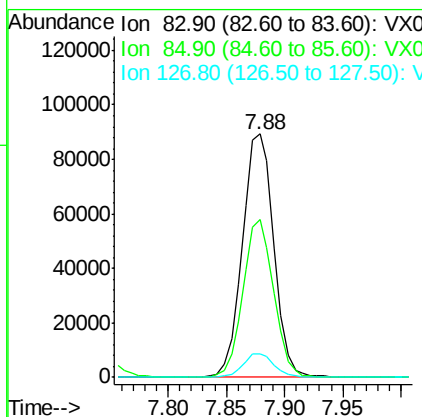
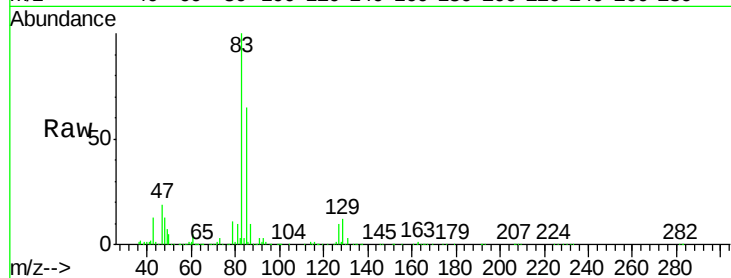
ClientSampleId :

VX0731WBS02

Tot Ion:	83	Resp:	167608
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.8
127	9.9	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#48

Methyl methacrylate

Concen: 17.560 ug/l

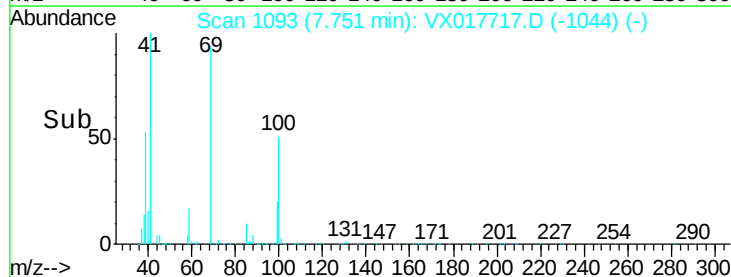
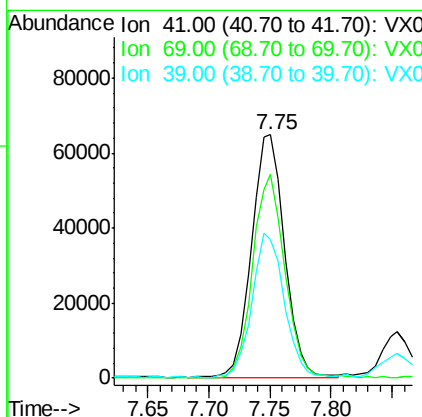
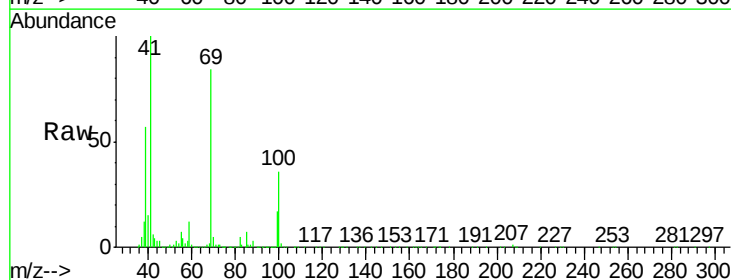
RT: 7.75 min Scan# 1093

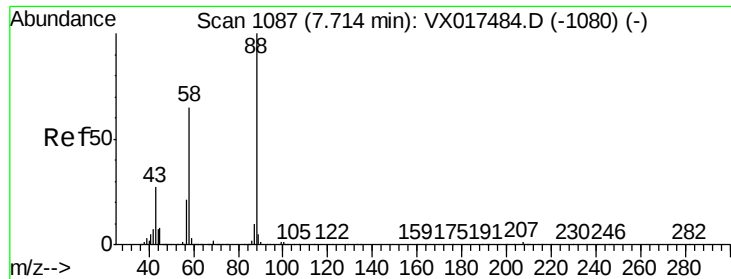
Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion:	41	Resp:	121645
Ion	Ratio	Lower	Upper
41	100		
69	82.5	63.1	94.7
39	59.0	45.1	67.7





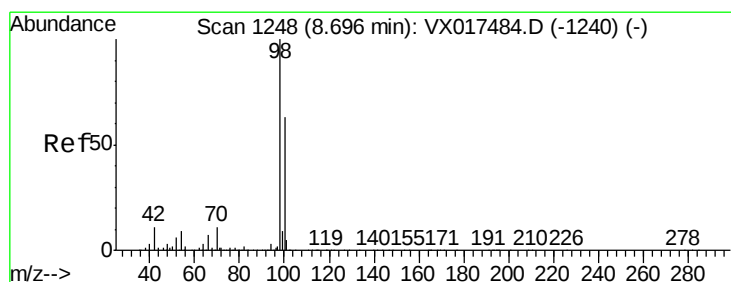
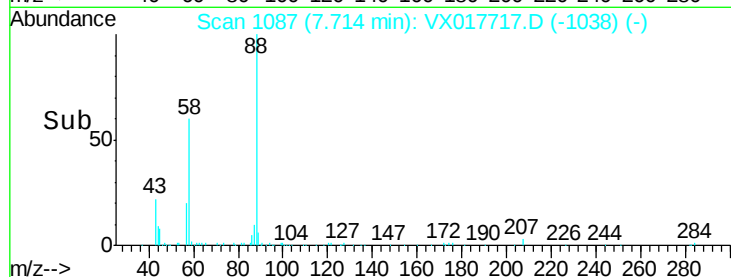
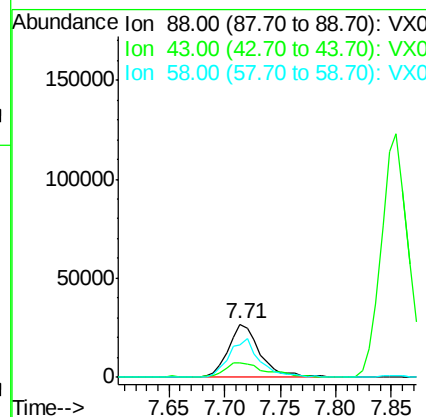
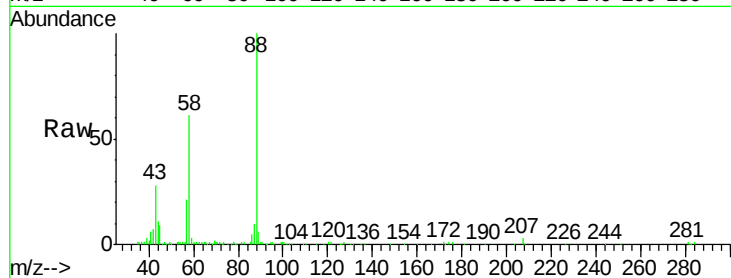
#49
1,4-Dioxane
Concen: 397.515 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.8	41.6
58	70.4	58.3	87.5

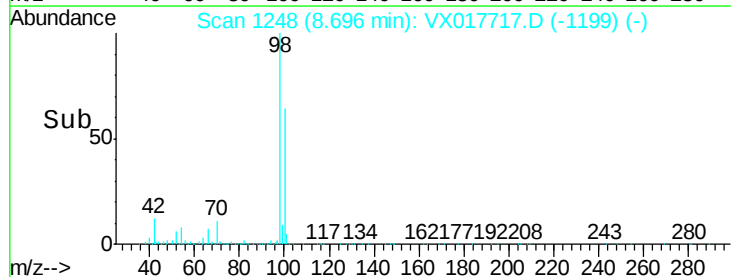
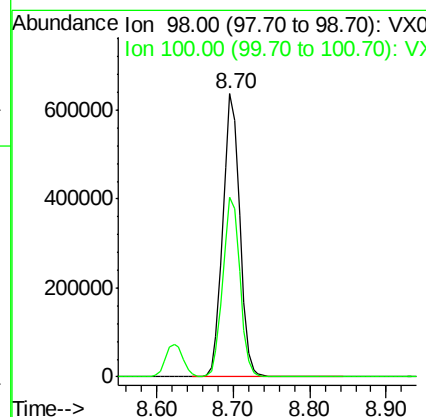
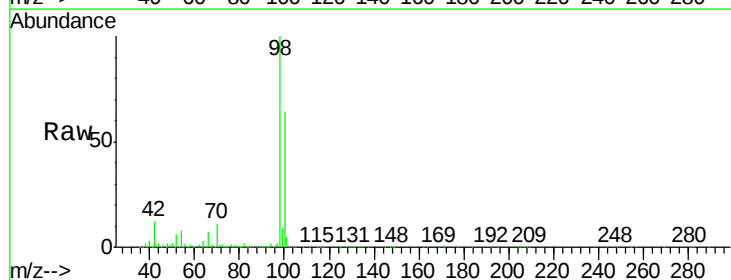
Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#50
Toluene-d8
Concen: 50.176 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 92.739 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 43 Resp: 773307

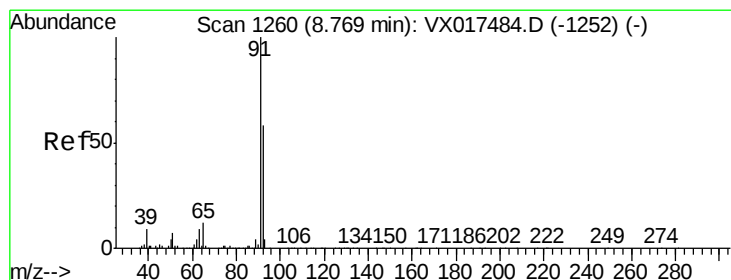
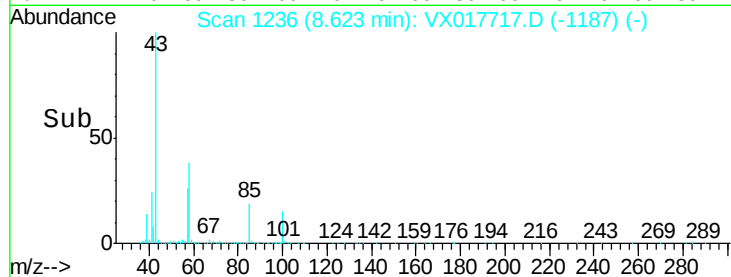
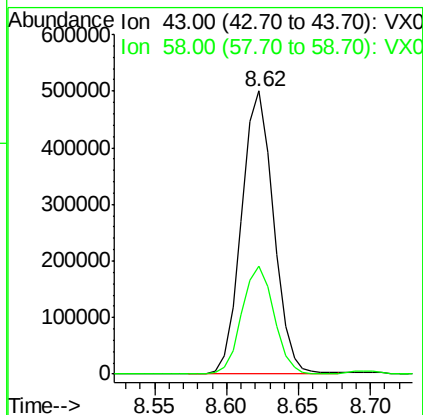
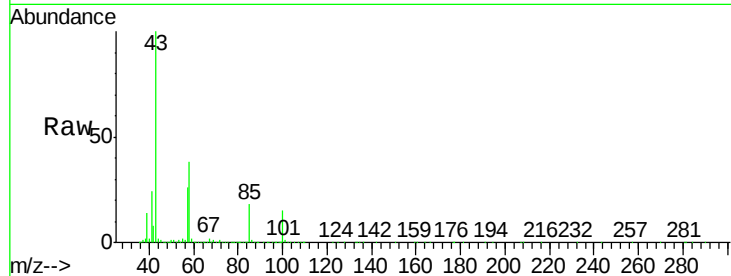
Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#52

Toluene

Concen: 18.645 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017717.D

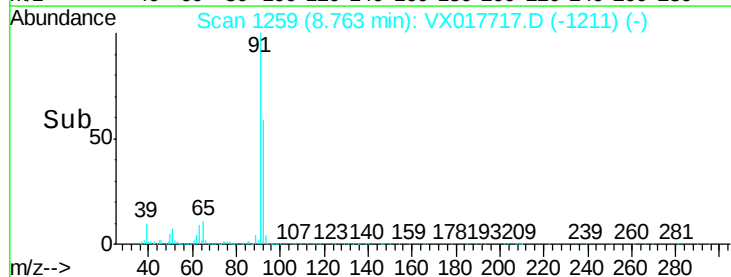
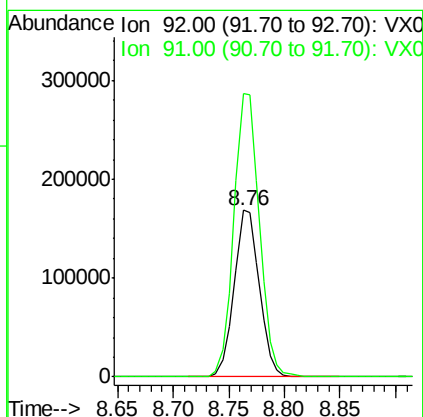
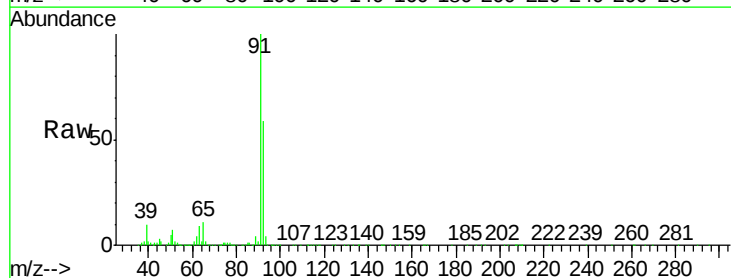
Acq: 31 Jul 2020 22:20

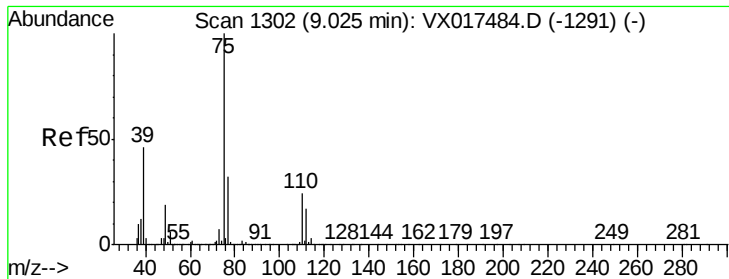
Tgt Ion: 92 Resp: 265377

Ion Ratio Lower Upper

92 100

91 171.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.751 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampled :

VX0731WBS02

Tot Ion: 75 Resp: 173844

Ion Ratio Lower Upper

75 100

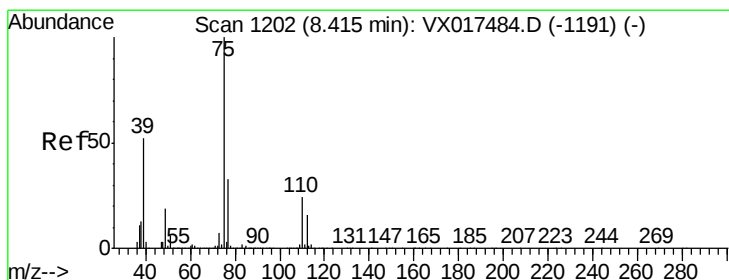
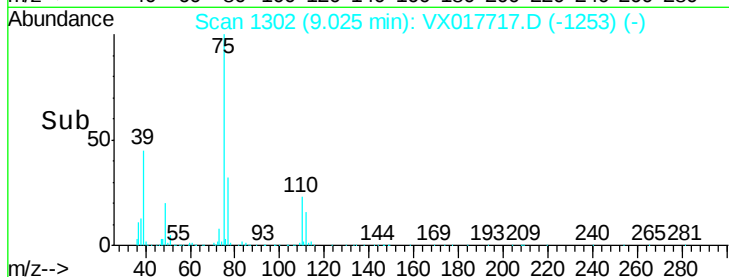
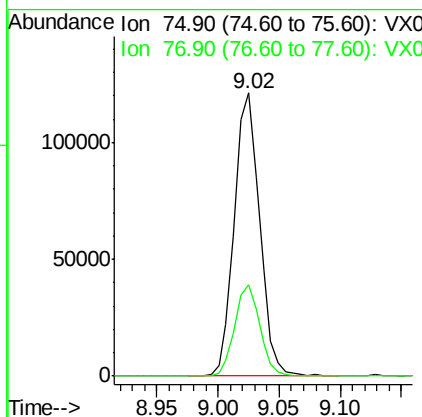
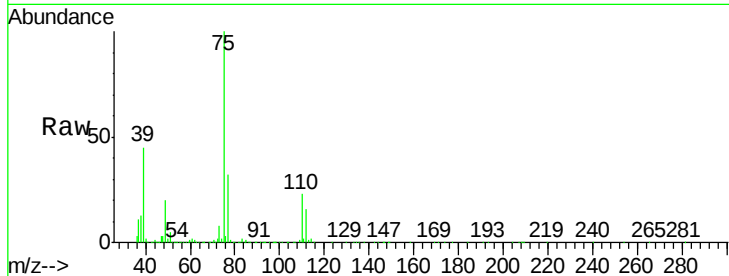
77 32.0 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

8/3/2020 5:02:35 PM



#54

cis-1,3-Dichloropropene

Concen: 17.930 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

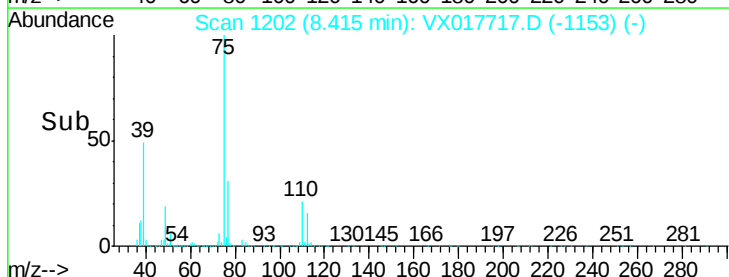
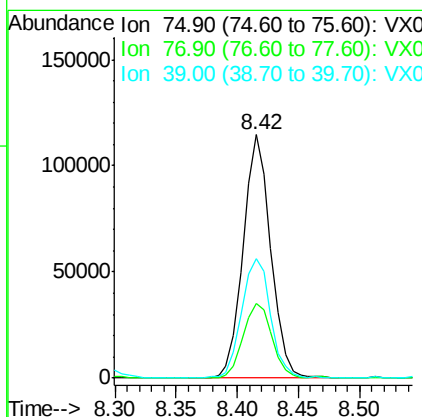
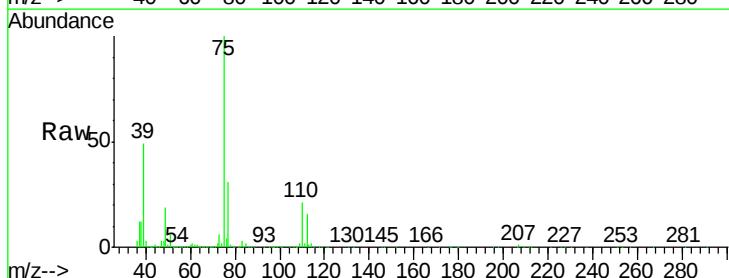
Tgt Ion: 75 Resp: 179106

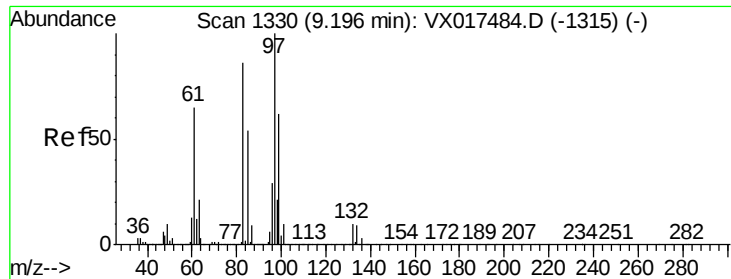
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 48.6 41.8 62.8





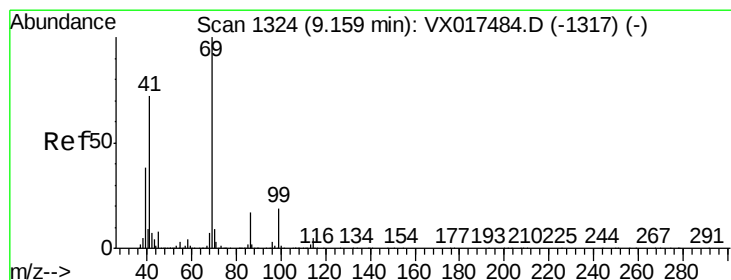
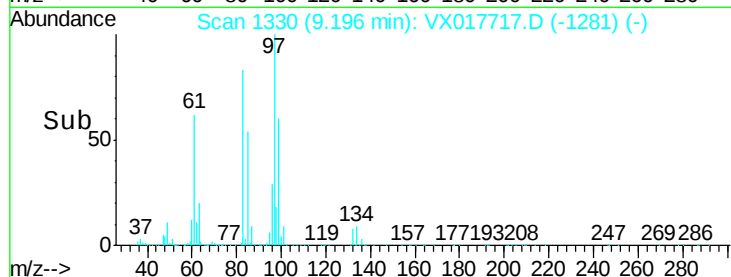
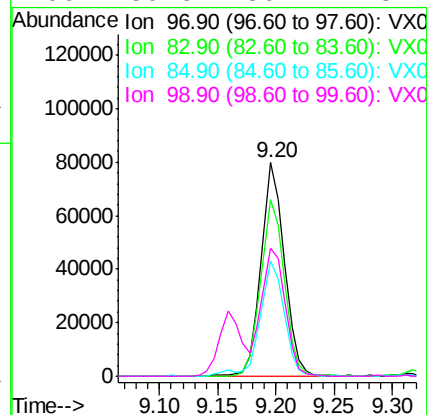
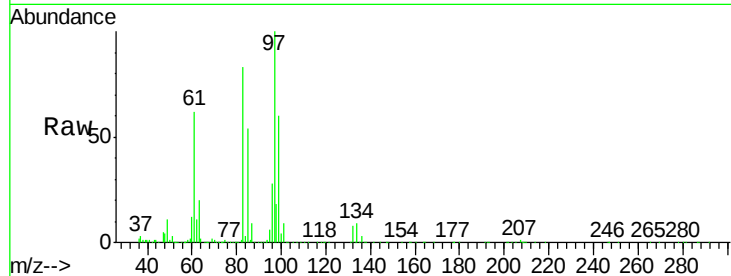
#55
 1,1,2-Trichloroethane
 Concen: 18.990 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		112599		
83	82.8	67.6	101.4		
85	54.0	44.6	67.0		
99	59.6	50.2	75.4		

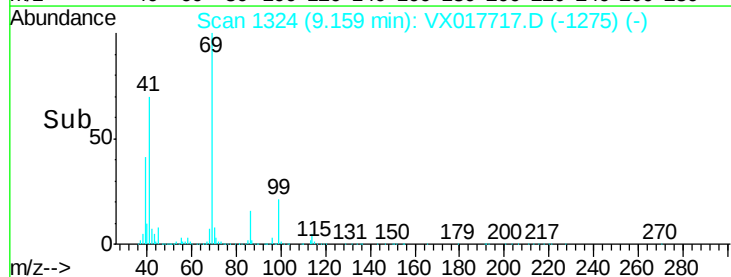
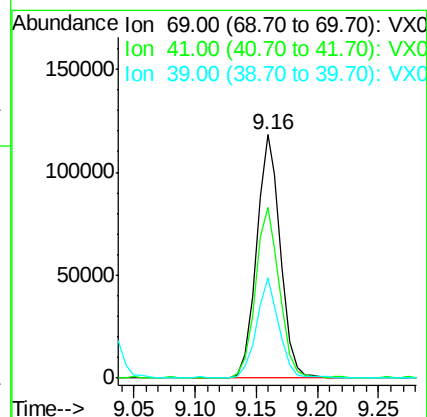
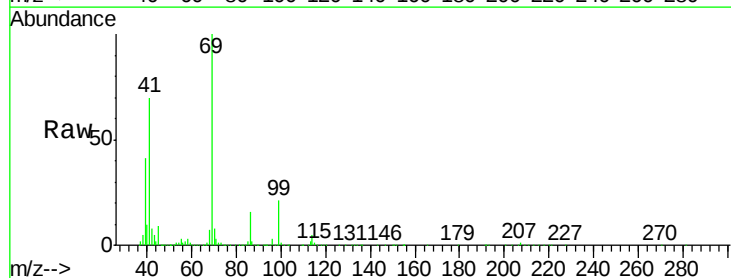
Manual Integrations
 APPROVED

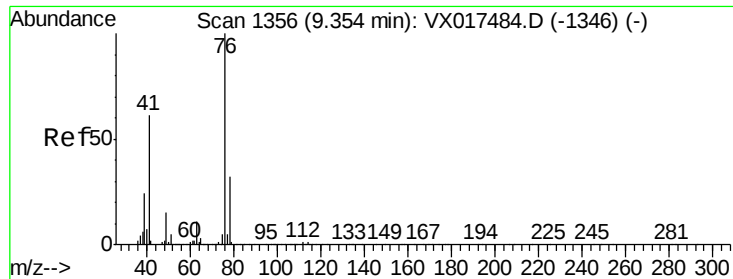
MMDadoda
 8/3/2020 5:02:35 PM



#56
 Ethyl methacrylate
 Concen: 17.972 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		160547		
41	69.3	55.0	82.6		
39	38.7	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 18.672 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 76 Resp: 182303

Ion Ratio Lower Upper

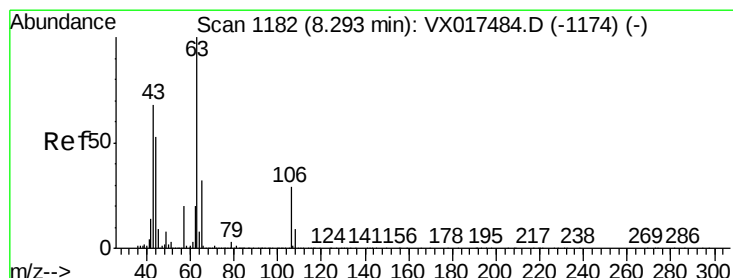
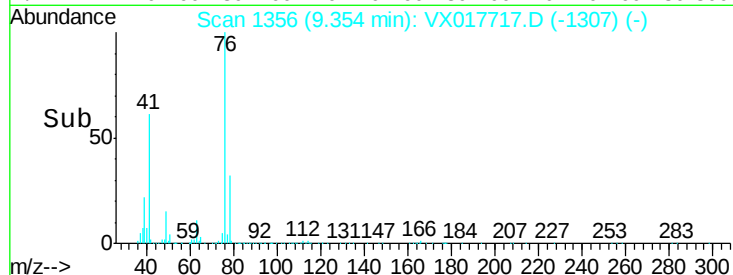
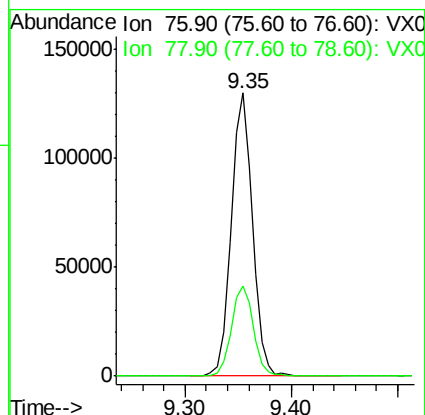
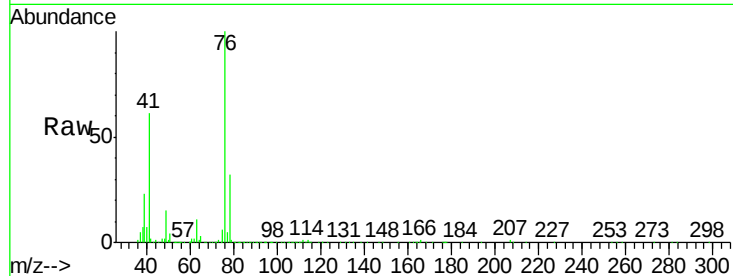
76 100

78 33.1 25.8 38.8

Manual Integrations
APPROVED

MMDadoda

8/3/2020 5:02:35 PM



#58

2-Chloroethyl Vinyl ether

Concen: 79.087 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017717.D

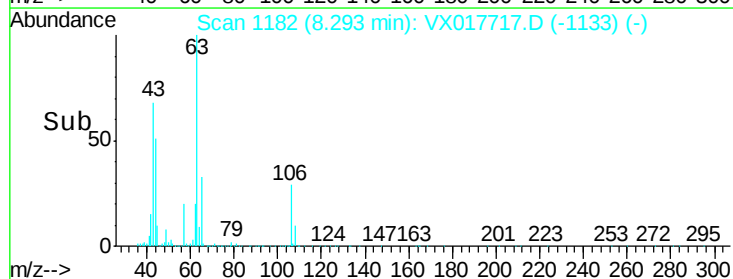
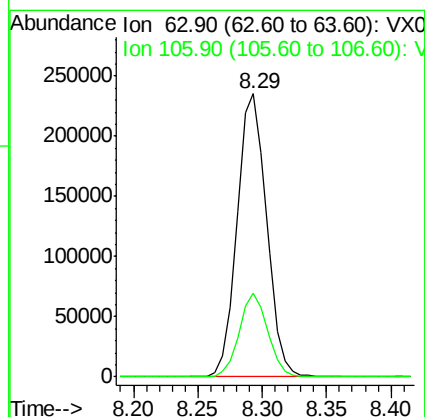
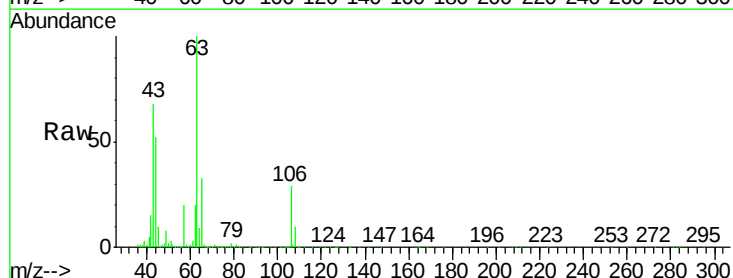
Acq: 31 Jul 2020 22:20

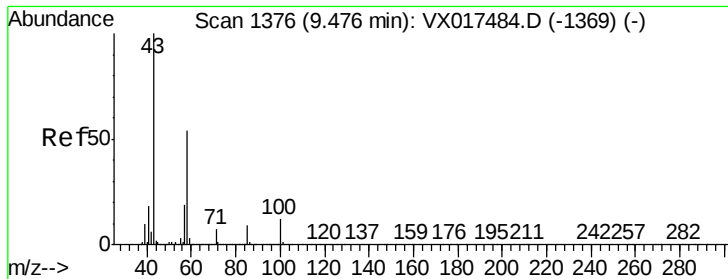
Tgt Ion: 63 Resp: 372206

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0





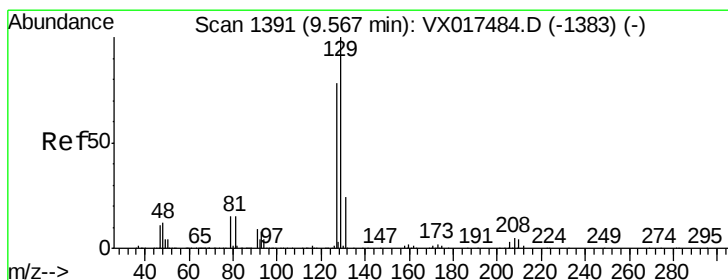
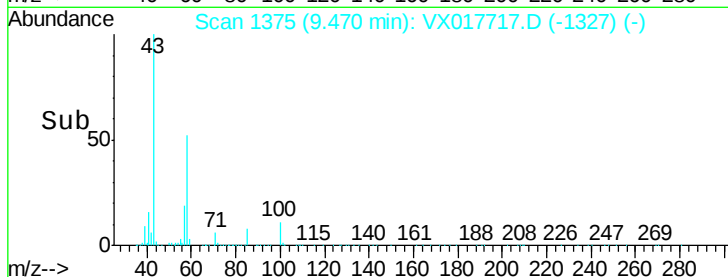
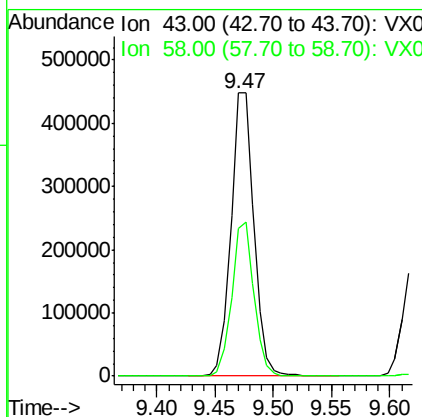
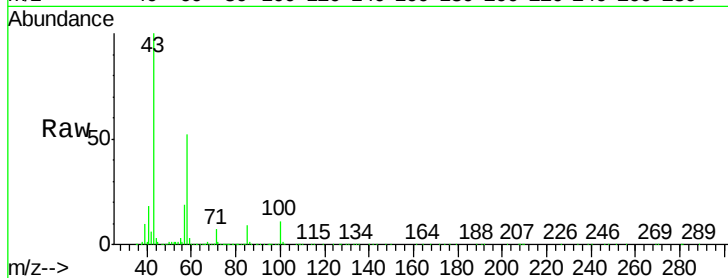
#59
2-Hexanone
Concen: 97.826 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion: 43 Resp: 614145
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.8

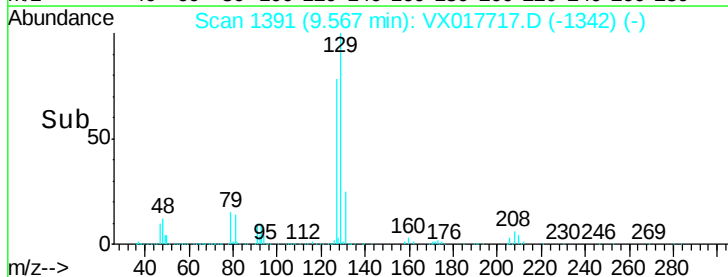
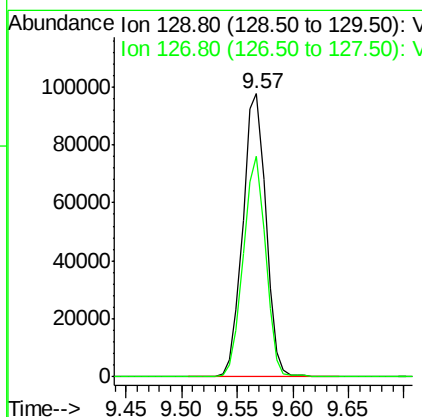
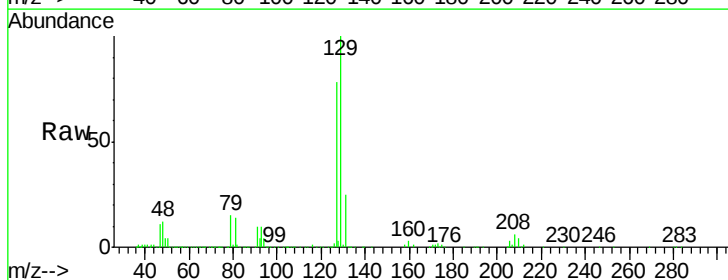
Manual Integrations
APPROVED

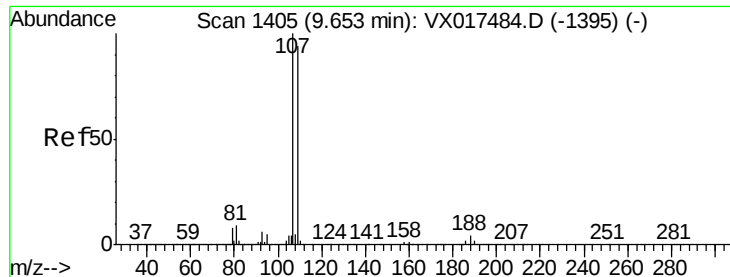
MMDadoda
8/3/2020 5:02:35 PM



#60
Dibromochloromethane
Concen: 18.783 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 129 Resp: 141551
Ion Ratio Lower Upper
129 100
127 75.0 38.4 115.1





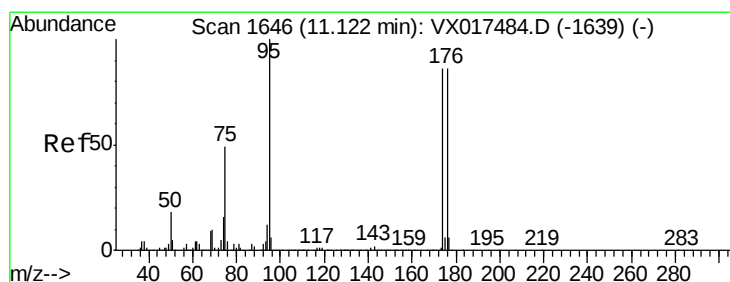
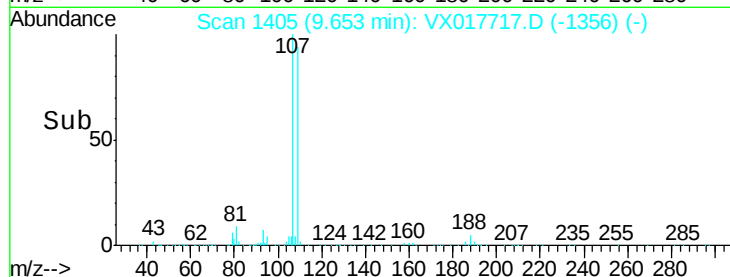
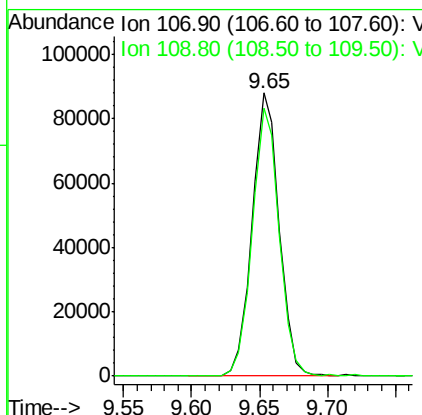
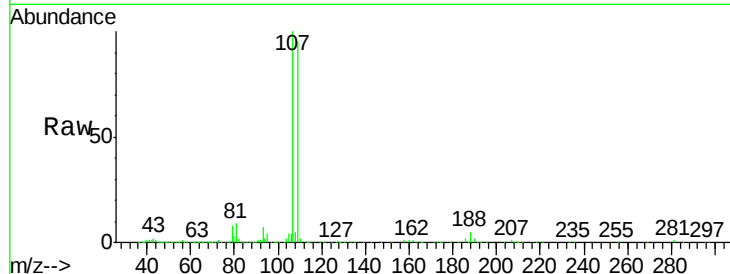
#61
 1,2-Dibromoethane
 Concen: 19.468 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.9	112.3

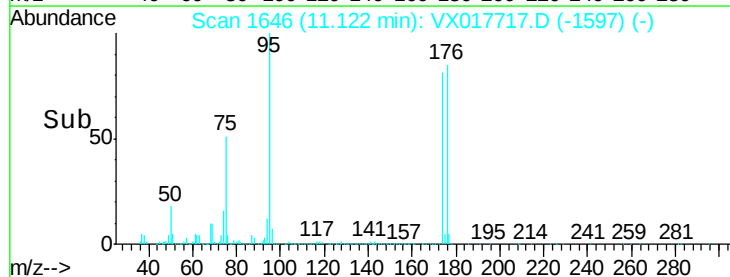
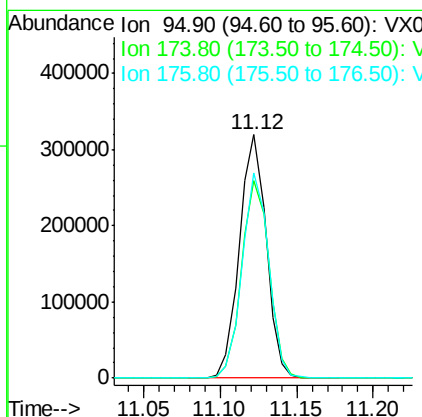
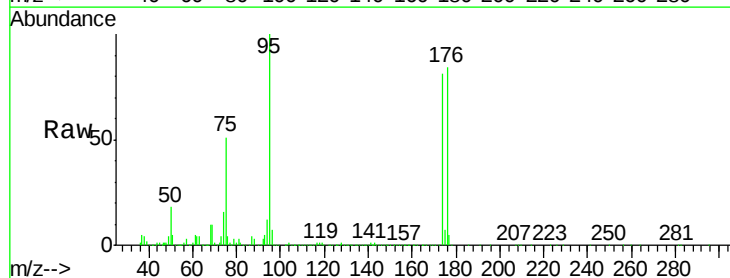
Manual Integrations
 APPROVED

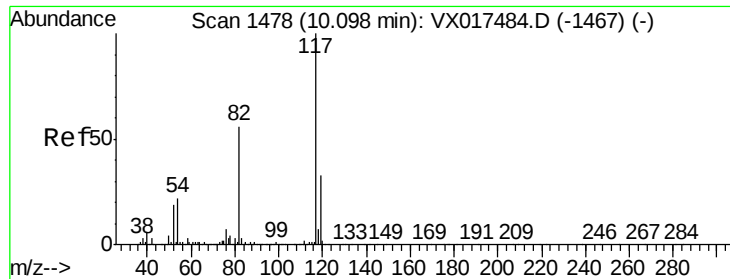
MMDadoda
 8/3/2020 5:02:35 PM



#62
 4-Bromofluorobenzene
 Concen: 49.850 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	169.0
176	84.0	0.0	161.0





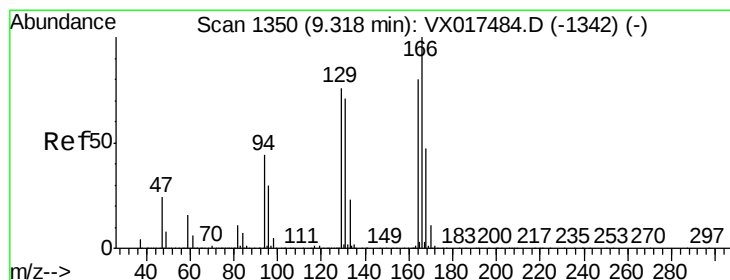
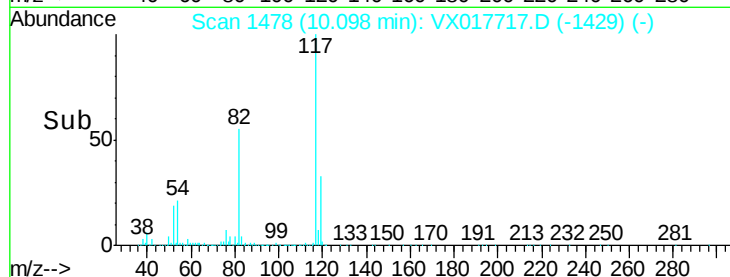
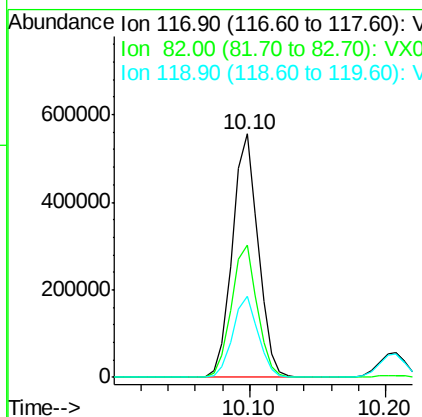
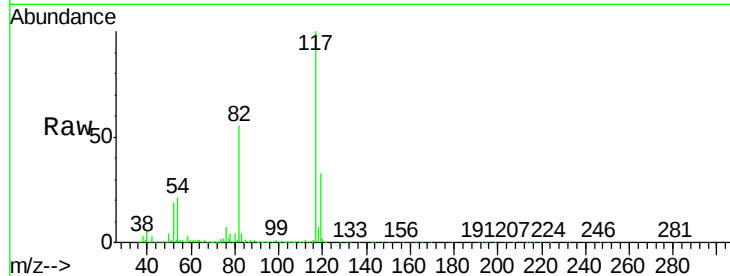
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.6	44.0	66.0
119	33.3	25.4	38.0

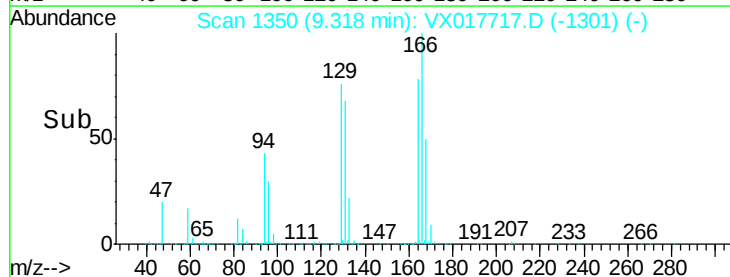
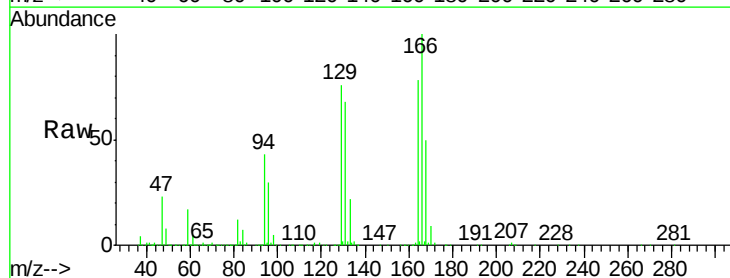
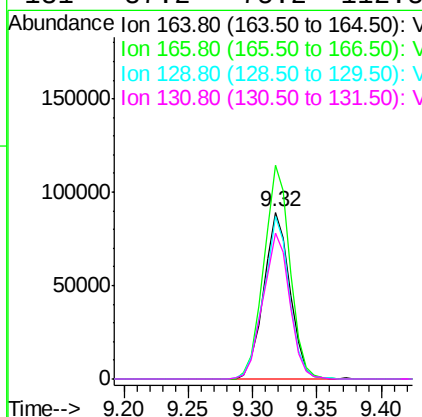
Manual Integrations
APPROVED

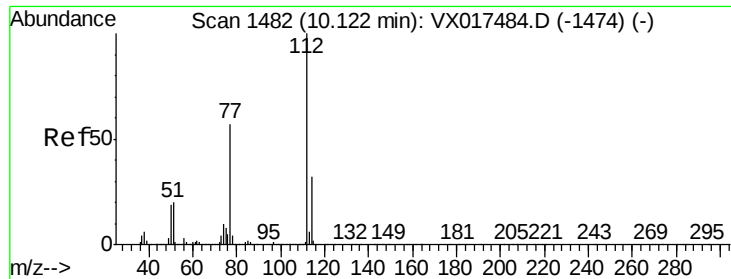
MMDadoda
8/3/2020 5:02:35 PM



#64
Tetrachloroethene
Concen: 19.183 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.9	100.6	150.8
129	97.2	75.0	112.6
131	87.2	75.2	112.8





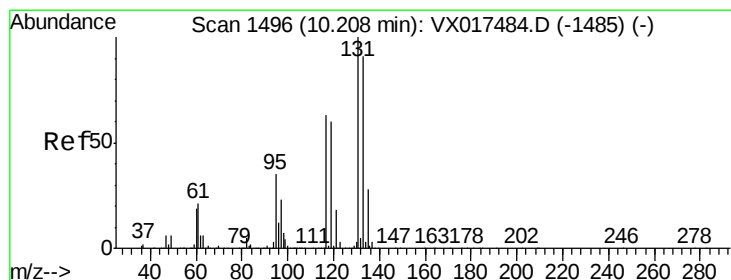
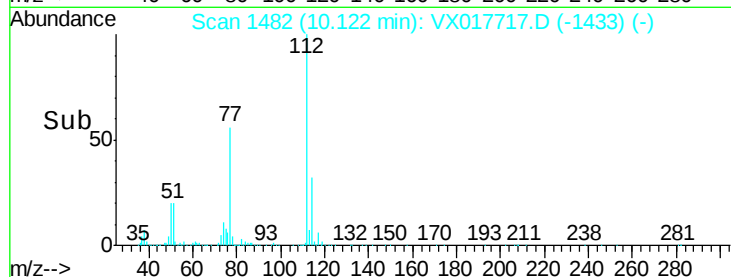
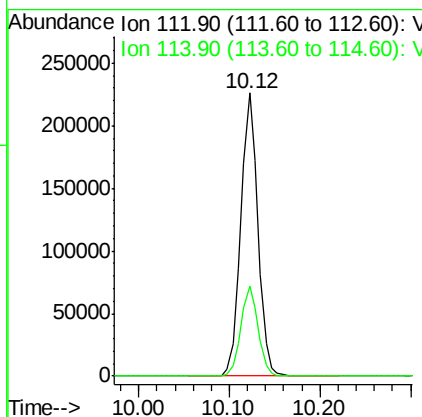
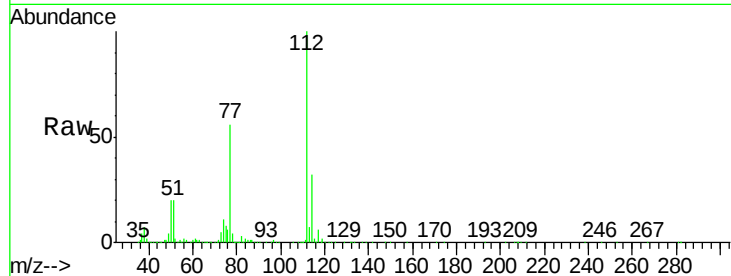
#65
Chlorobenzene
Concen: 18.611 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

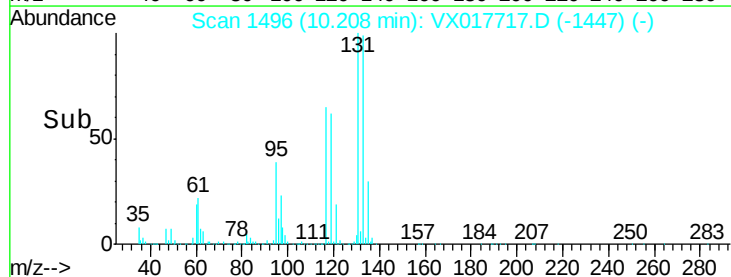
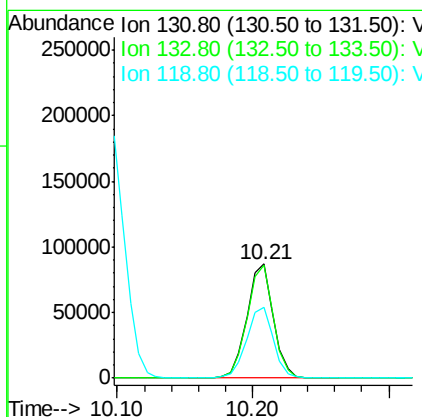
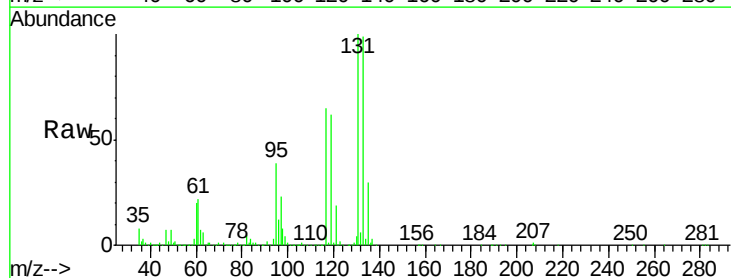
Manual Integrations
APPROVED

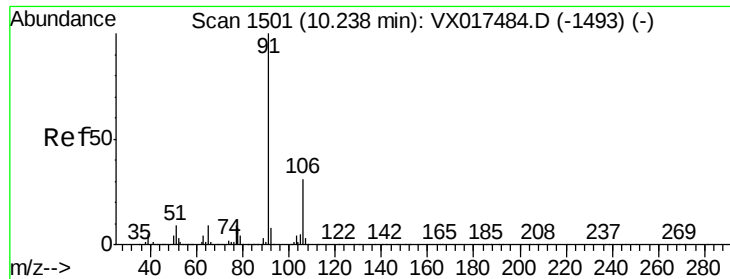
MMDadoda
8/3/2020 5:02:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.565 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.9	143.6
119	63.8	31.1	93.3





#67

Ethyl Benzene

Concen: 18.269 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 91 Resp: 483609

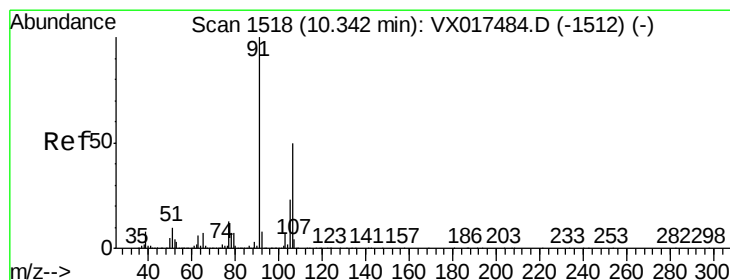
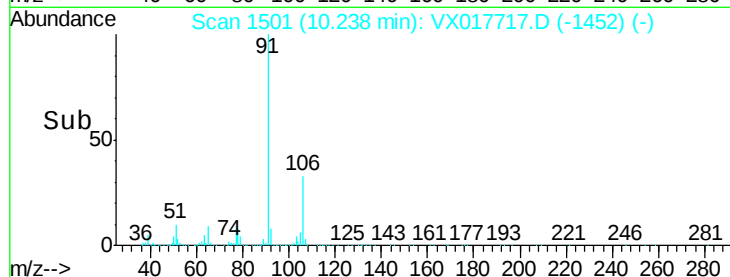
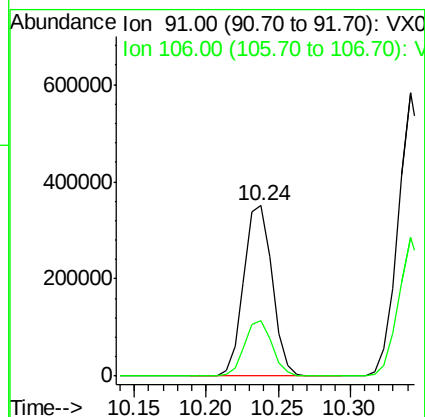
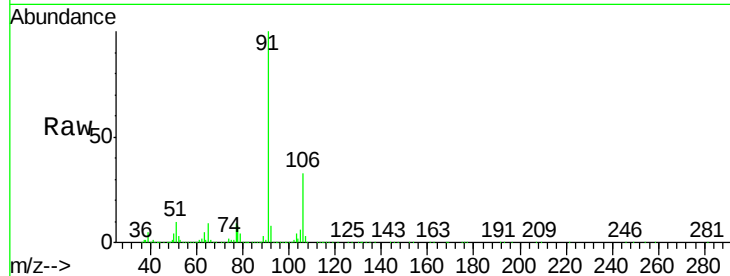
Ion Ratio Lower Upper

91 100

106 32.9 25.8 38.6

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#68

m/p-Xylenes

Concen: 36.396 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017717.D

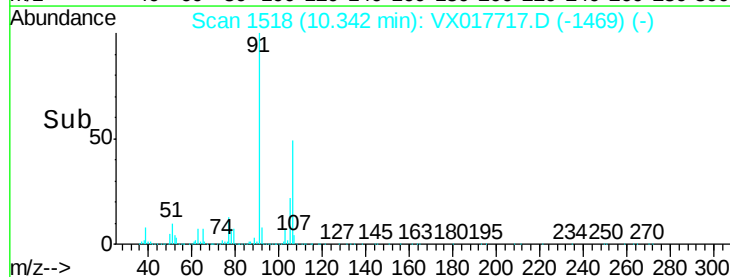
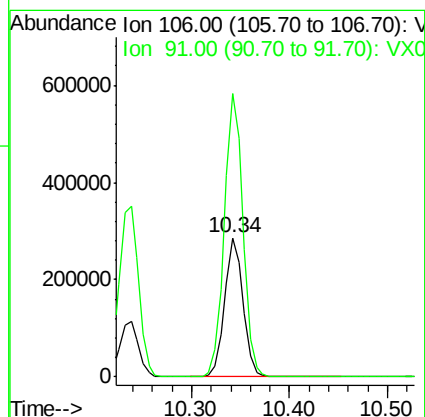
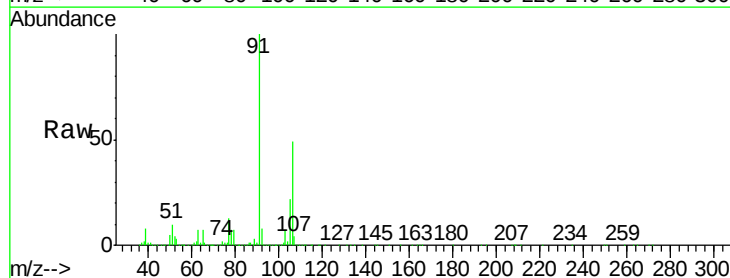
Acq: 31 Jul 2020 22:20

Tgt Ion: 106 Resp: 373235

Ion Ratio Lower Upper

106 100

91 206.0 160.9 241.3





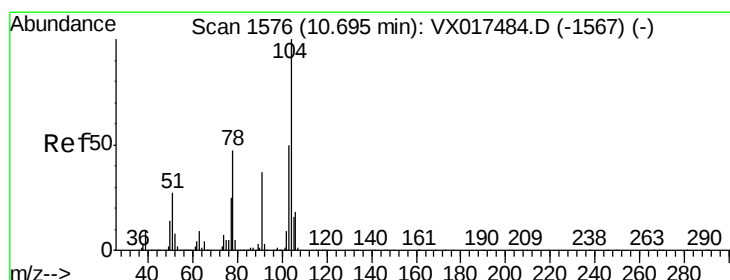
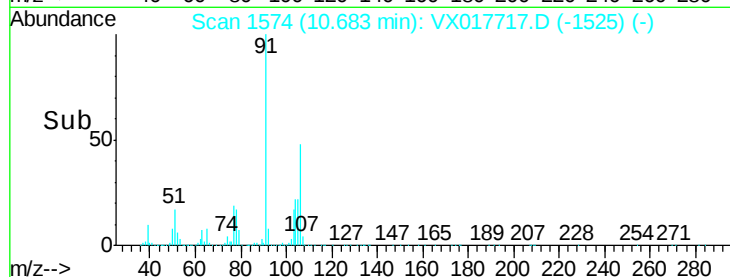
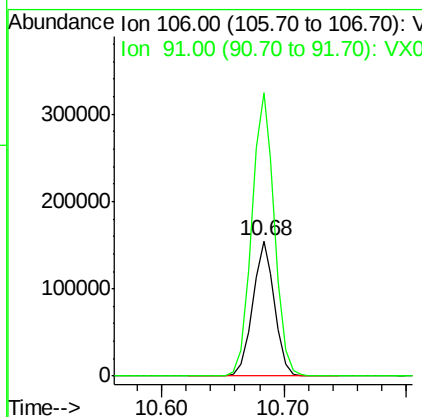
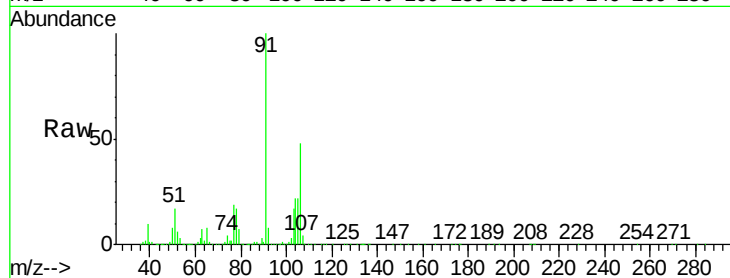
#69
o-Xylene
Concen: 19.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.2	108.2	324.6

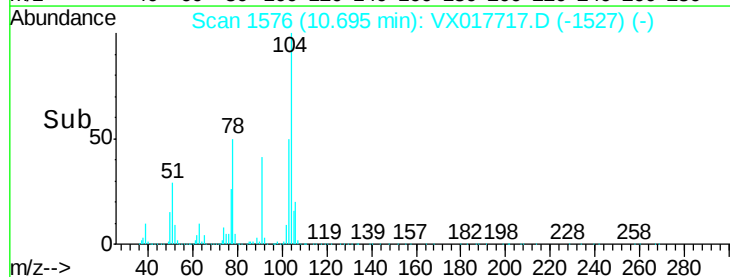
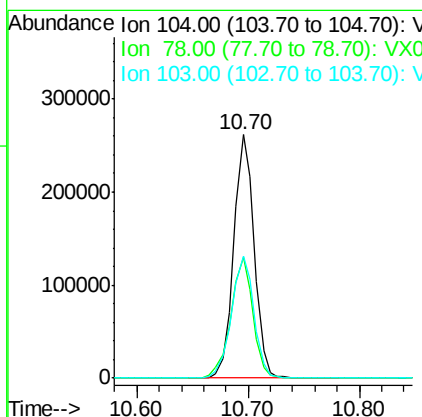
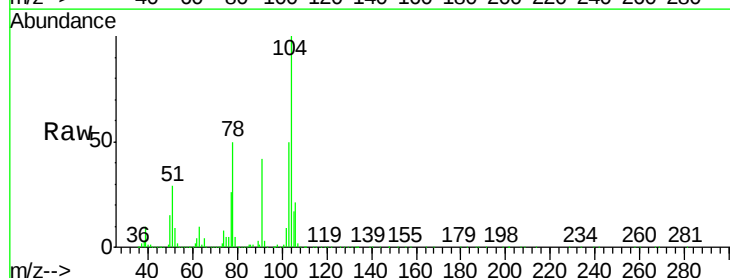
Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#70
Styrene
Concen: 19.721 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.5	63.7
103	55.1	44.3	66.5





#71

Bromoform

Concen: 19.841 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

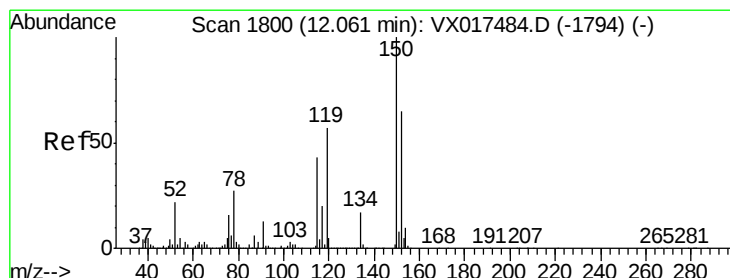
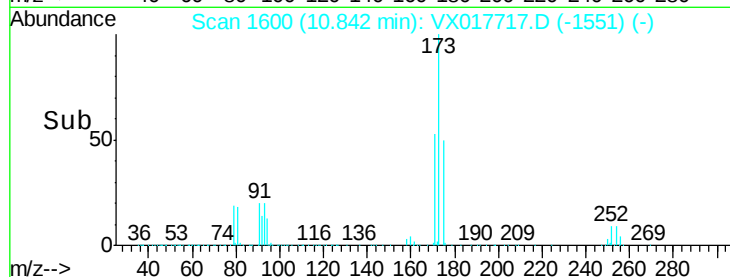
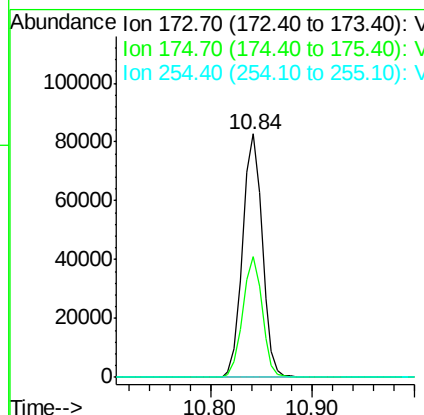
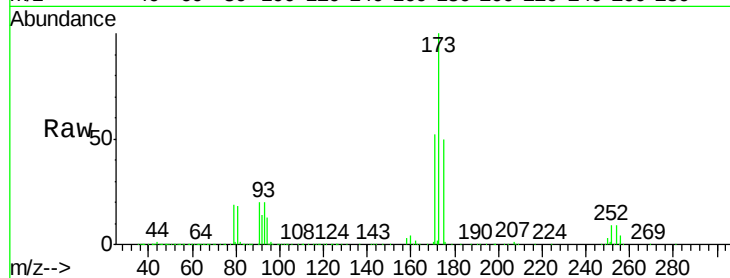
ClientSampleId :

VX0731WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.8	71.5
254	0.2	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

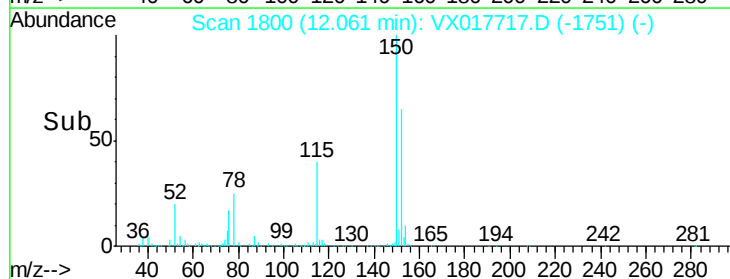
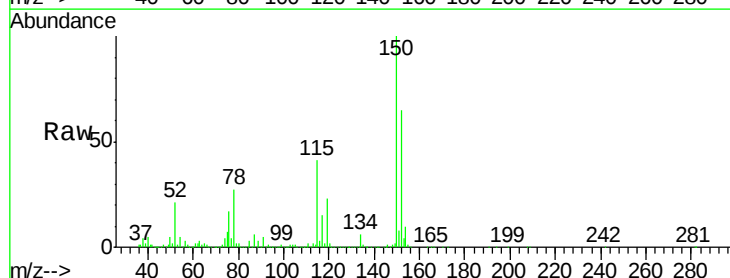
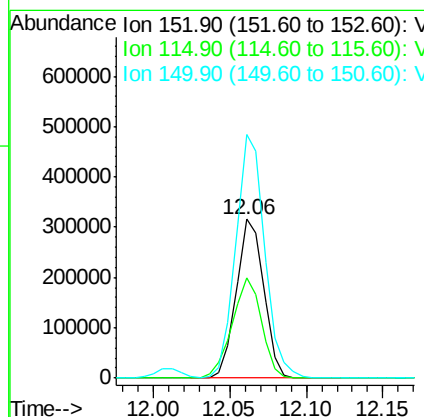
RT: 12.06 min Scan# 1800

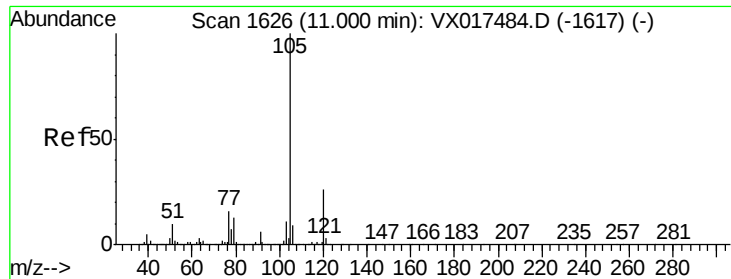
Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.4	65.5	196.6
150	161.0	0.0	412.6





#73

Isopropylbenzene

Concen: 19.248 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 105 Resp: 520790

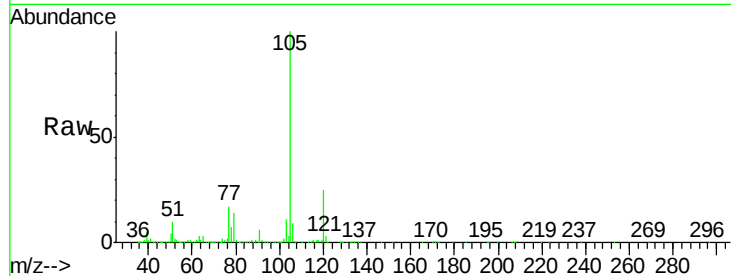
Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8

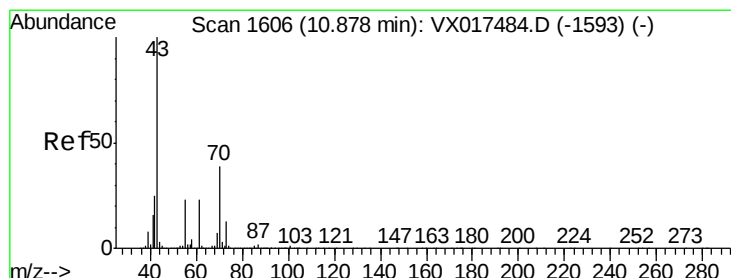
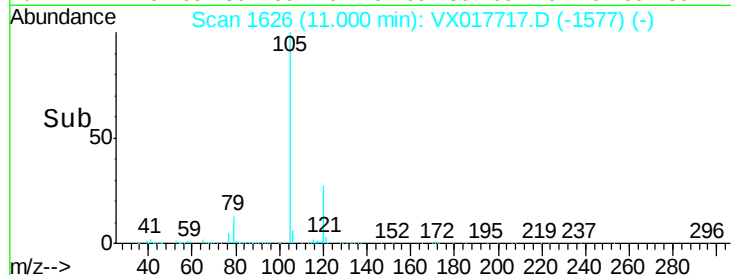
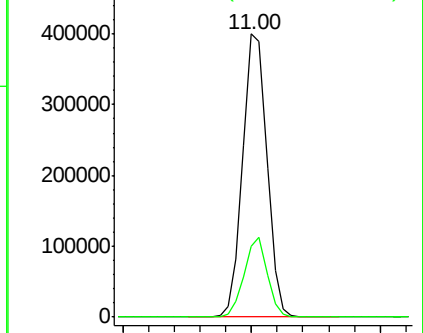
Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.748 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion: 43 Resp: 225386

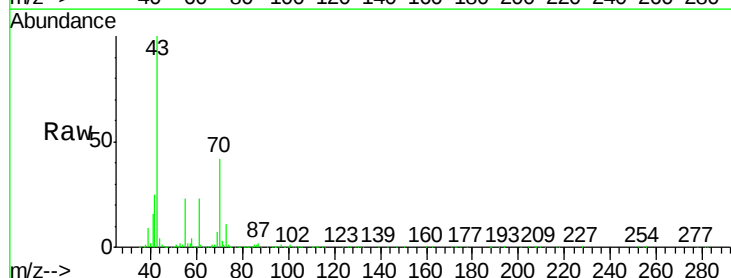
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 24.2 18.4 27.6

61 23.4 18.6 28.0

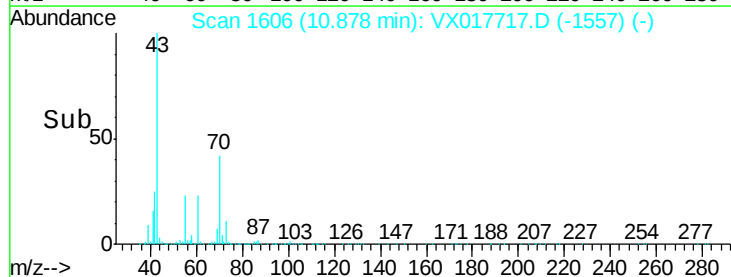
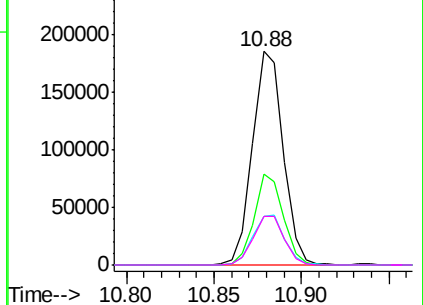


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.798 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

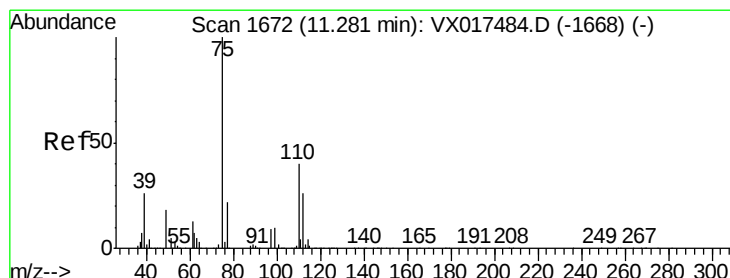
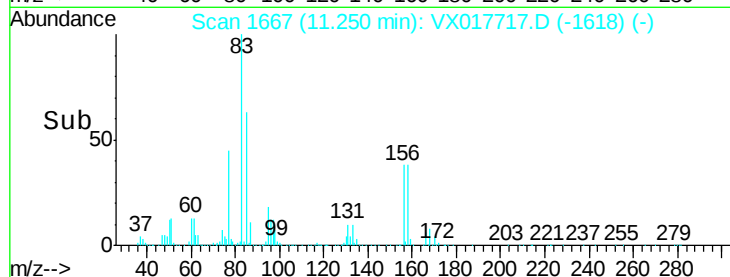
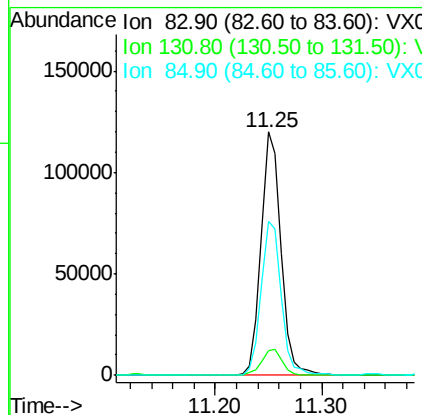
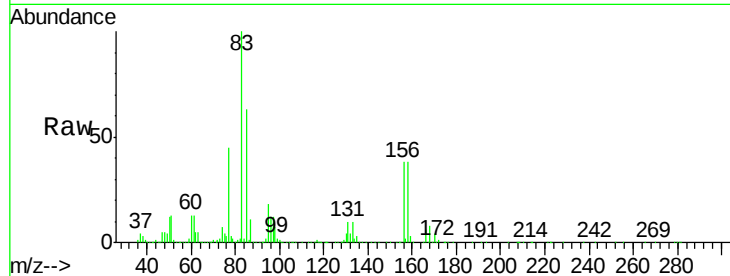
ClientSampleId :

VX0731WBS02

Tot Ion:	83	Resp:	158761
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	63.9	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#76

1,2,3-Trichloropropane

Concen: 19.099 ug/l m

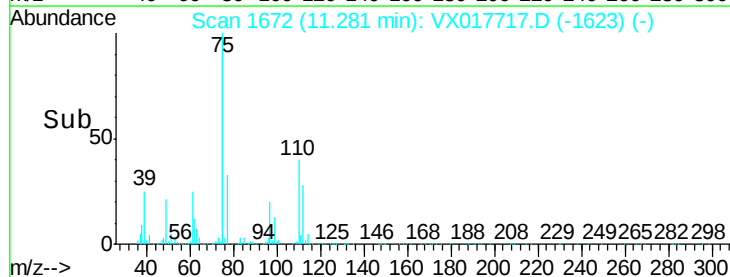
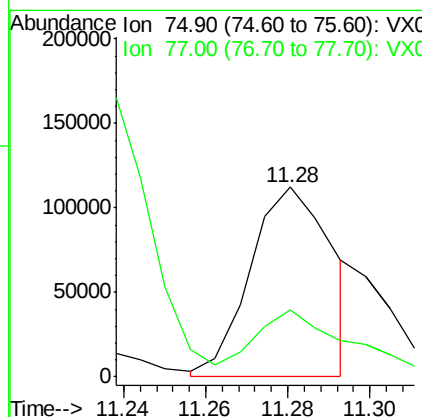
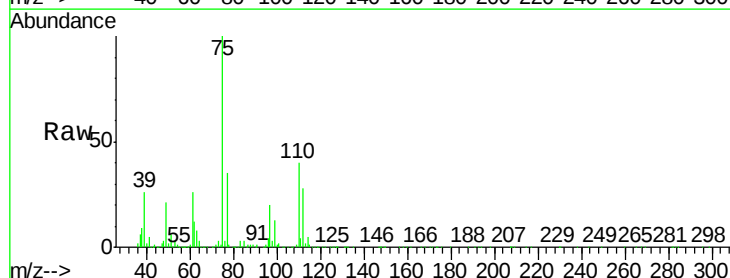
RT: 11.28 min Scan# 1672

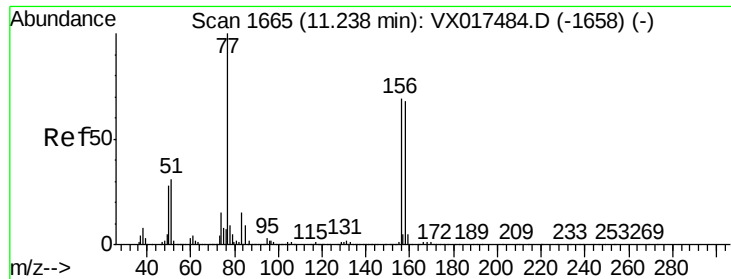
Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion:	75	Resp:	154951
Ion Ratio	Lower	Upper	
75	100		
77	41.1	21.8	65.3





#77

Bromobenzene

Concen: 18.531 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

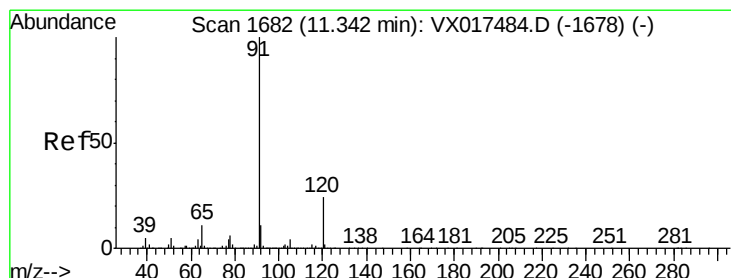
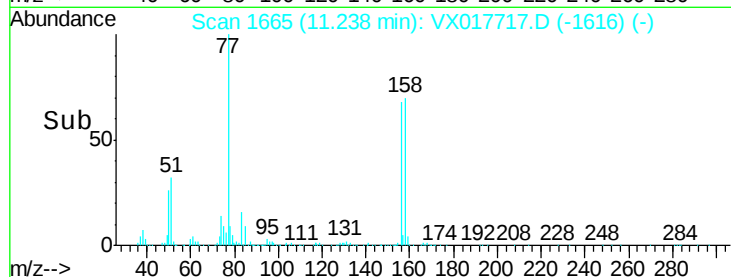
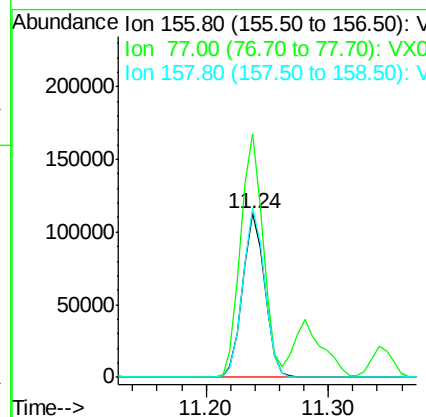
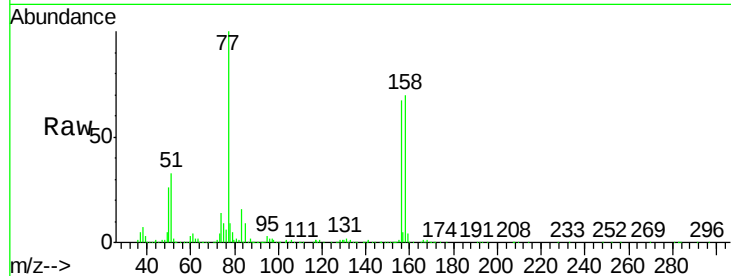
ClientSampleId :

VX0731WBS02

Tot Ion:	156	Resp:	140370
Ion Ratio	Lower	Upper	
156	100		
77	151.8	75.0	225.0
158	101.8	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#78

n-propylbenzene

Concen: 18.730 ug/l

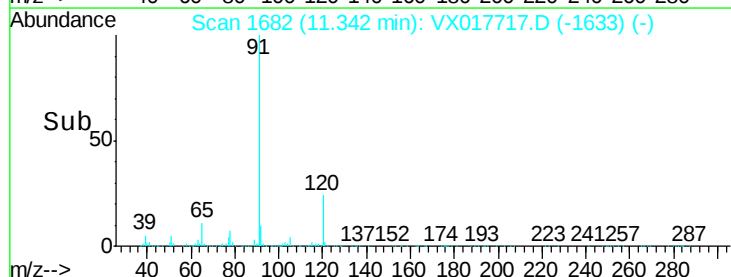
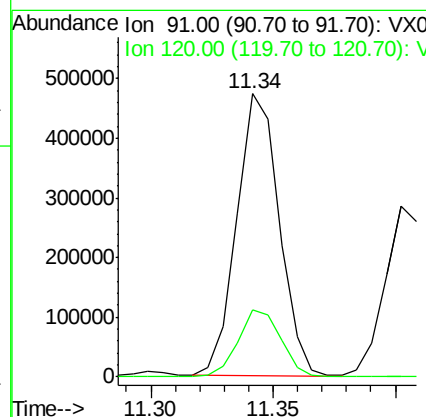
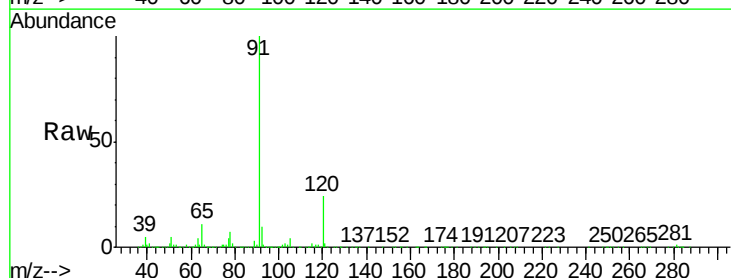
RT: 11.34 min Scan# 1682

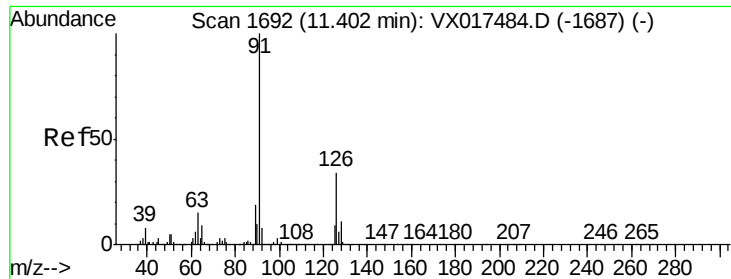
Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion:	91	Resp:	571560
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.2	36.4





#79

2-Chlorotoluene

Concen: 18.820 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 91 Resp: 355761

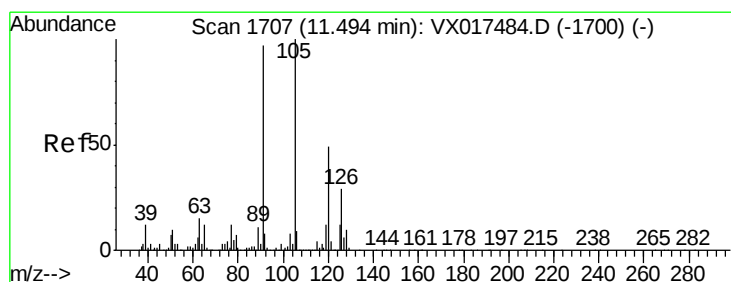
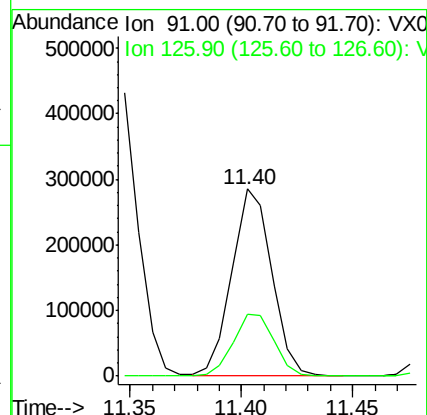
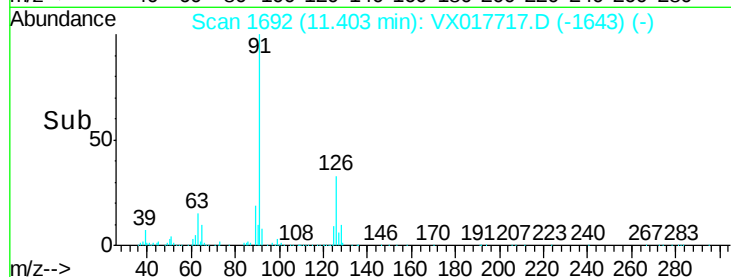
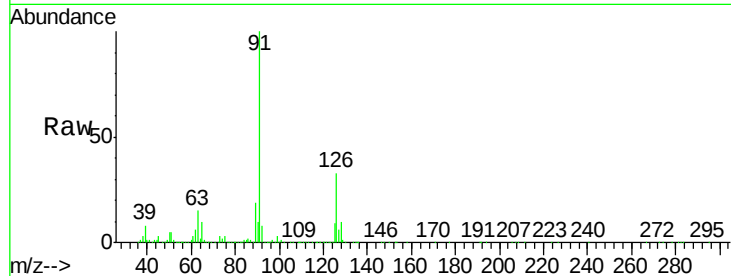
Ion Ratio Lower Upper

91 100

126 34.5 17.5 52.5

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#80

1,3,5-Trimethylbenzene

Concen: 19.086 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017717.D

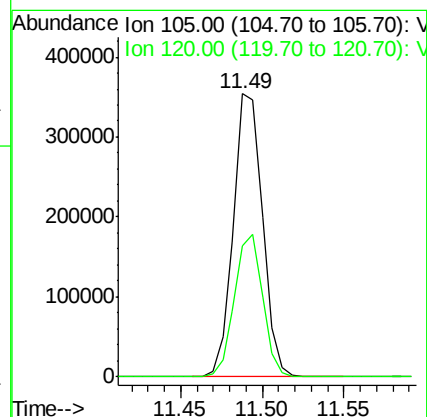
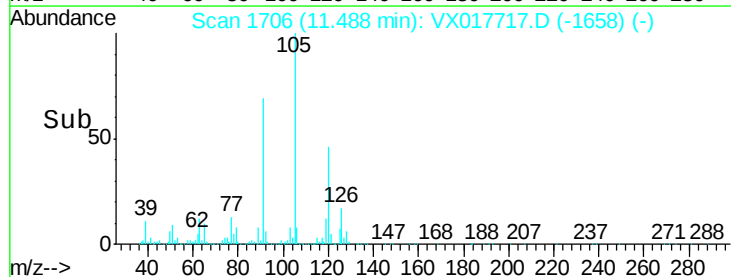
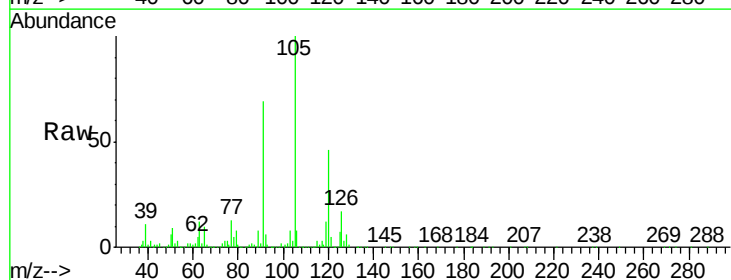
Acq: 31 Jul 2020 22:20

Tgt Ion: 105 Resp: 440911

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.390 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 75 Resp: 55992

Ion Ratio Lower Upper

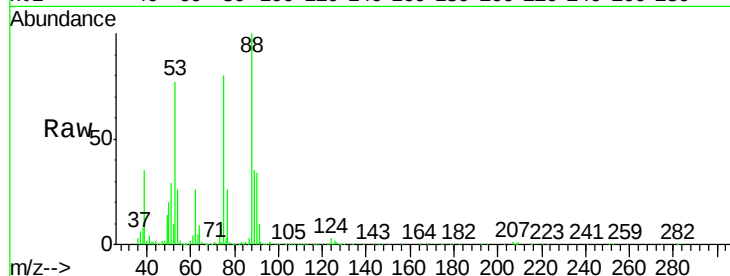
75 100

53 101.0 75.9 113.9

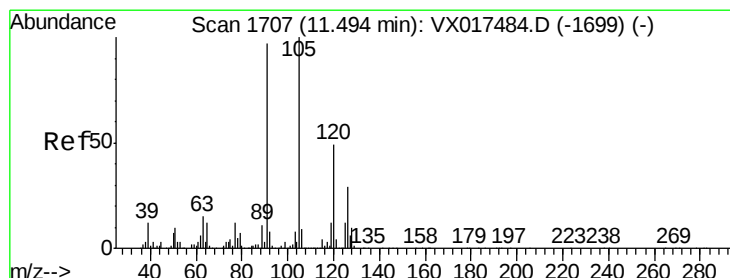
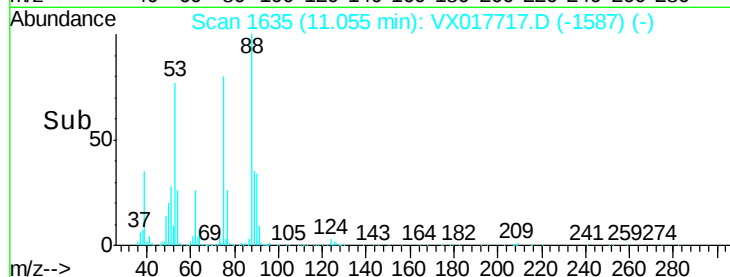
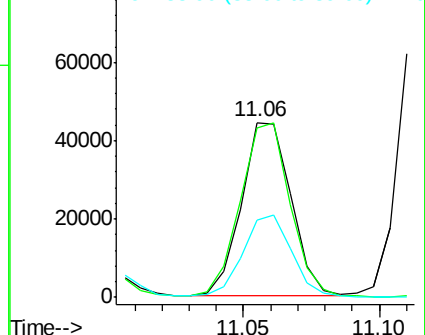
89 47.4 37.8 56.6

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.261 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017717.D

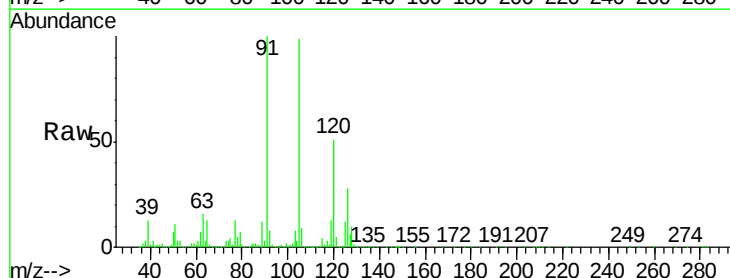
Acq: 31 Jul 2020 22:20

Tgt Ion: 91 Resp: 429510

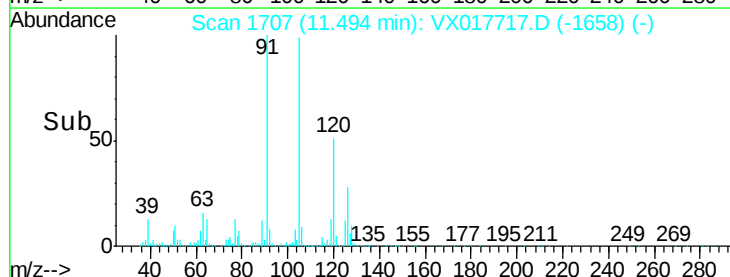
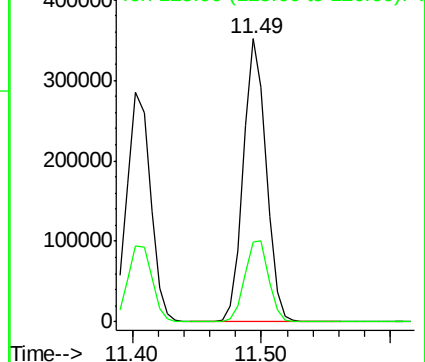
Ion Ratio Lower Upper

91 100

126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





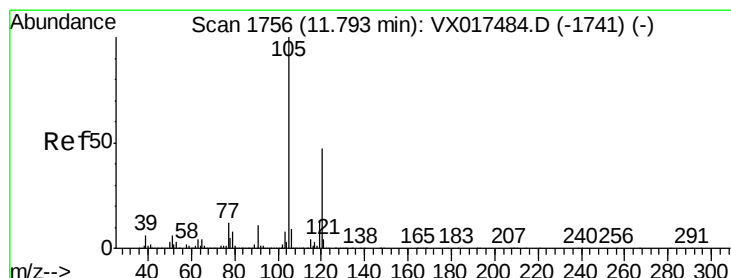
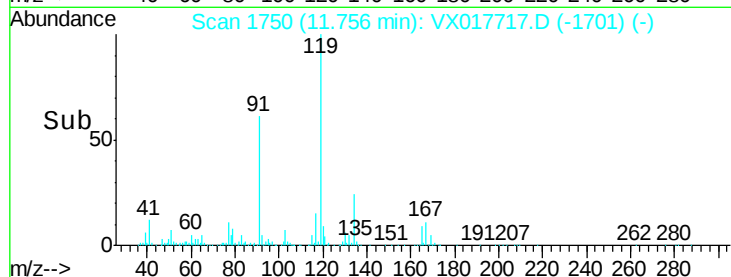
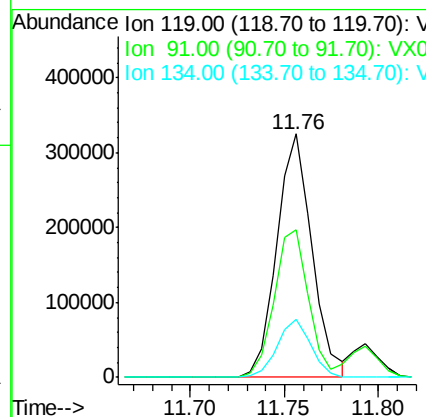
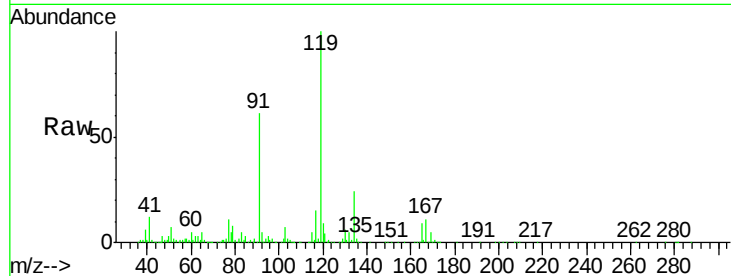
#83
tert-Butylbenzene
Concen: 18.930 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	418446		
91	59.0	29.3	88.0	
134	22.9	11.2	33.6	

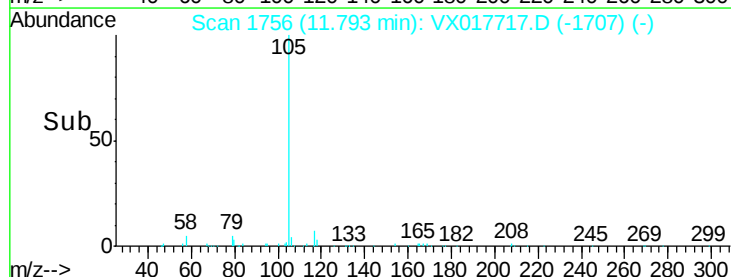
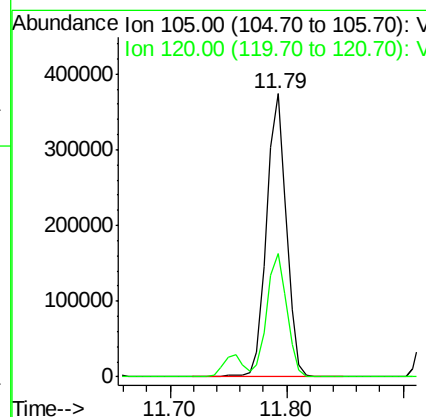
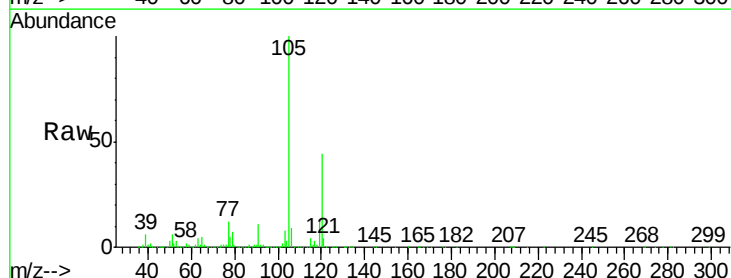
Manual Integrations
APPROVED

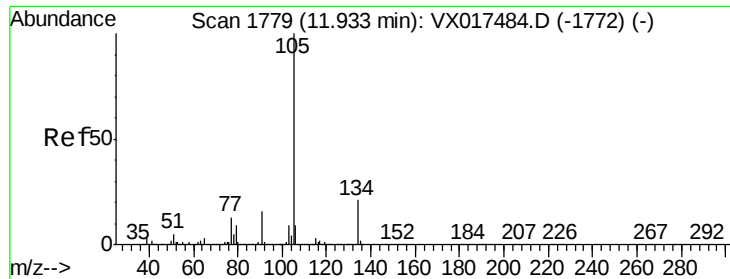
MMDadoda
8/3/2020 5:02:35 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.408 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	445942		
120	43.9	22.7	68.0	





#85

sec-Butylbenzene

Concen: 18.836 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion:105 Resp: 485030

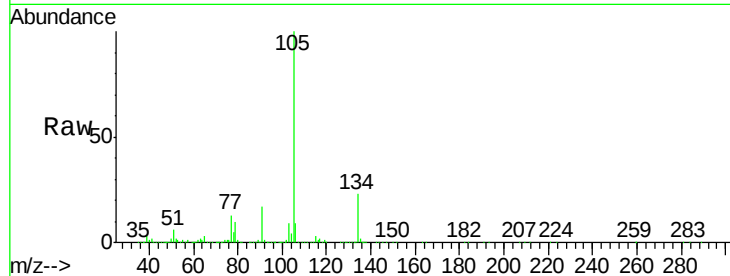
Ion Ratio Lower Upper

105 100

134 21.6 10.4 31.2

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

300000

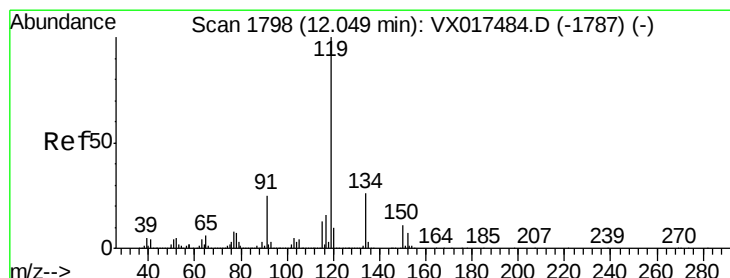
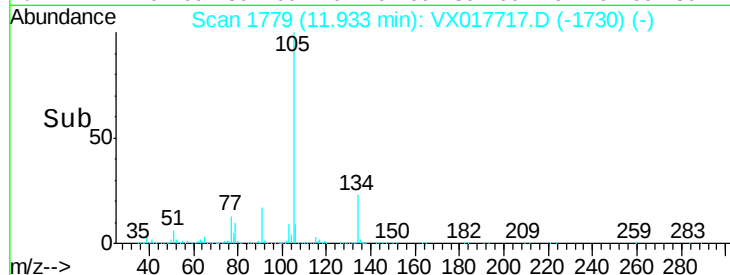
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 18.028 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

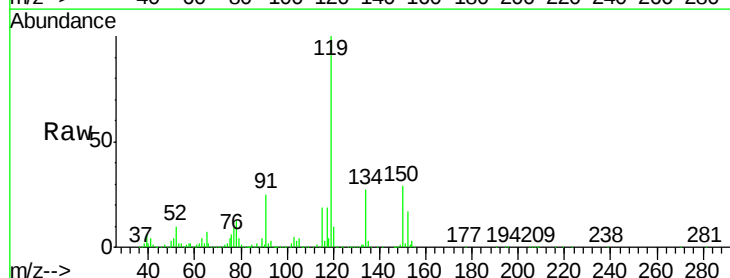
Tgt Ion:119 Resp: 442102

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 25.6 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

500000

400000

300000

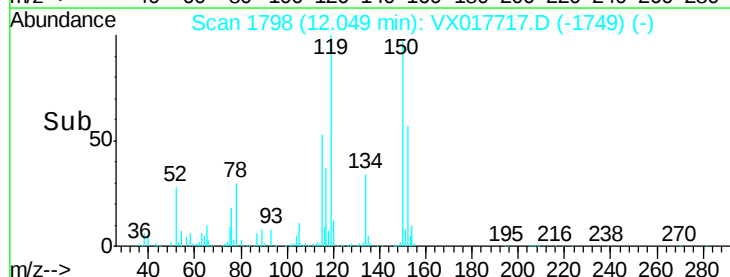
200000

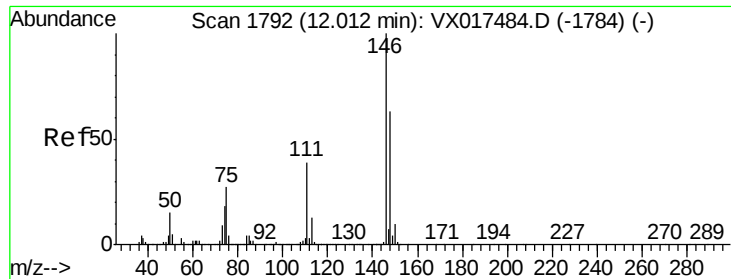
100000

0

Time-->

12.00 12.10





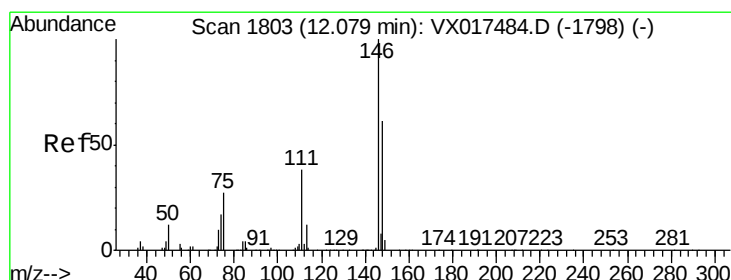
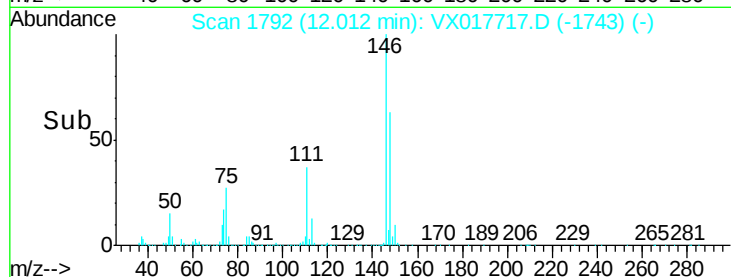
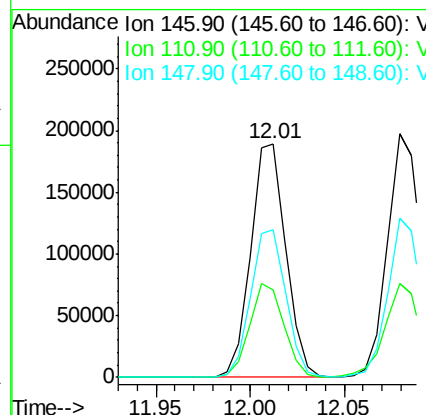
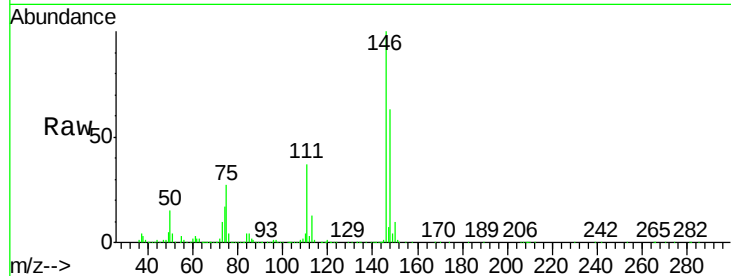
#87
 1,3-Dichlorobenzene
 Concen: 18.827 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.2	31.6	95.0

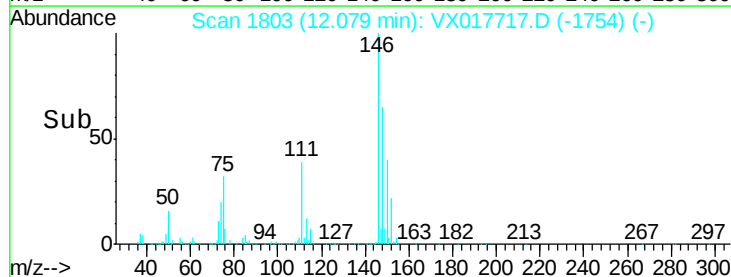
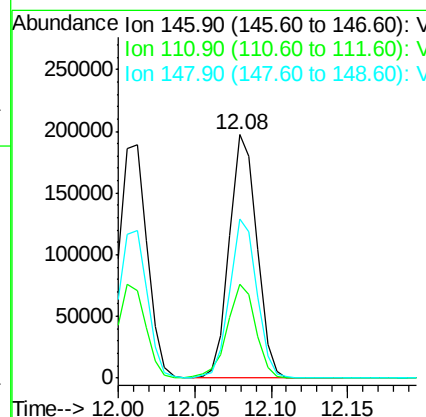
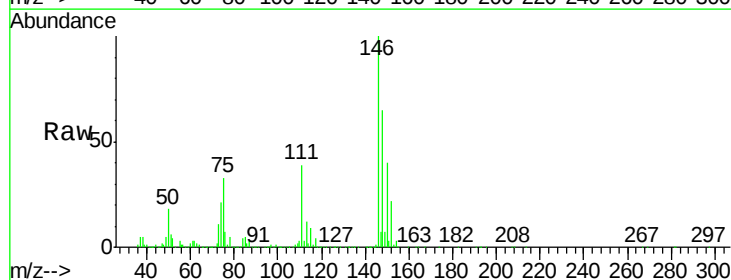
Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:35 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.270 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	64.5	32.2	96.6





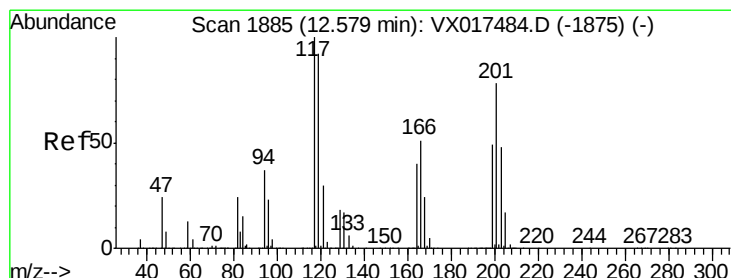
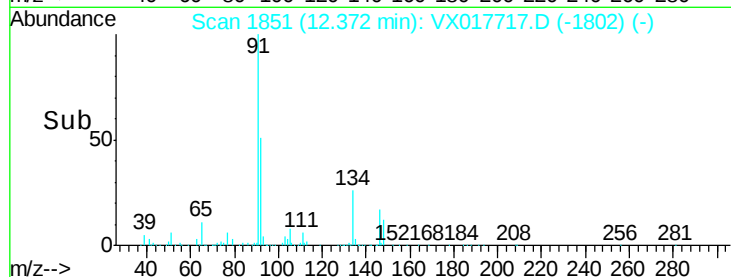
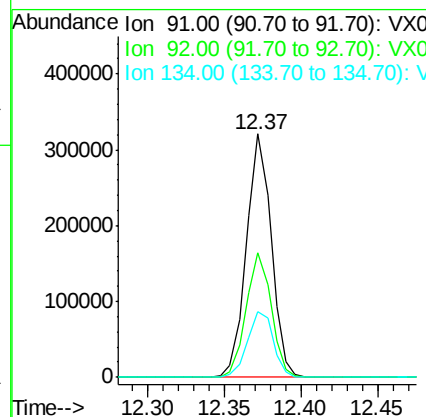
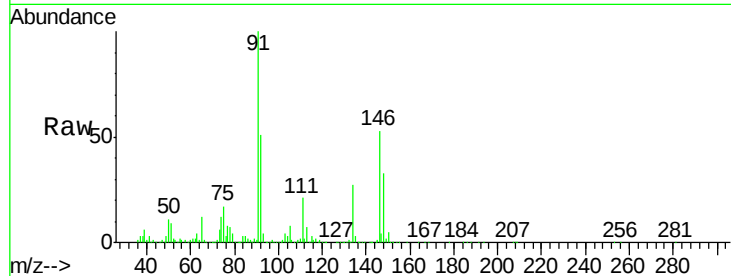
#89
n-Butylbenzene
Concen: 16.512 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.7	80.1
134	28.0	13.6	40.7

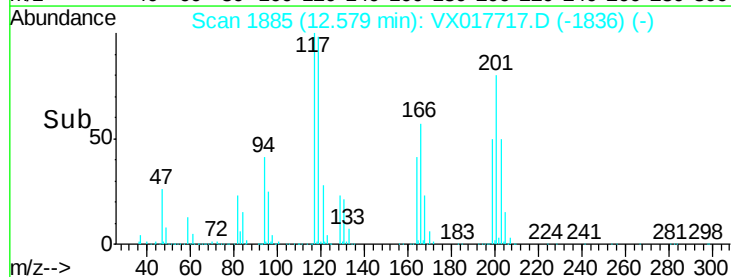
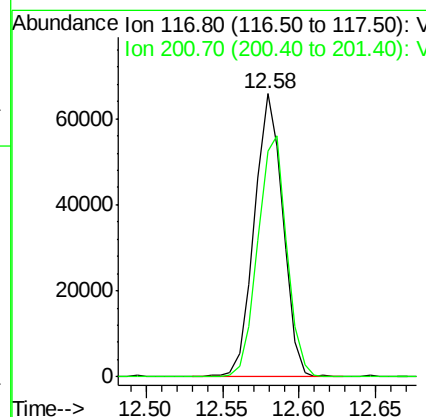
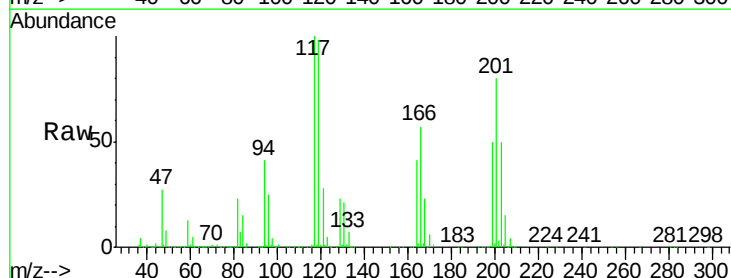
Manual Integrations
APPROVED

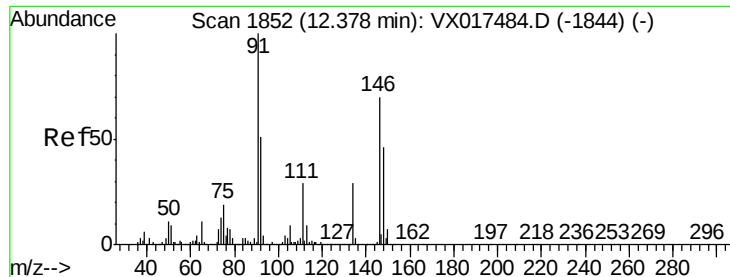
MMDadoda
8/3/2020 5:02:35 PM



#90
Hexachloroethane
Concen: 17.646 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 17.742 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

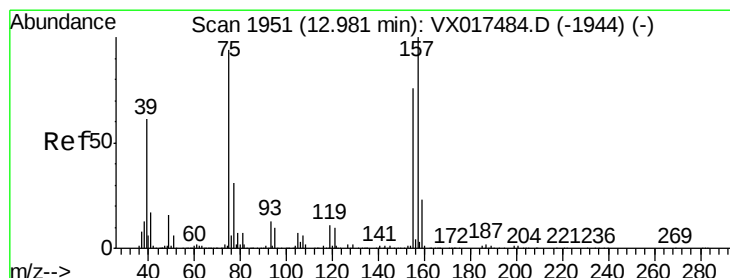
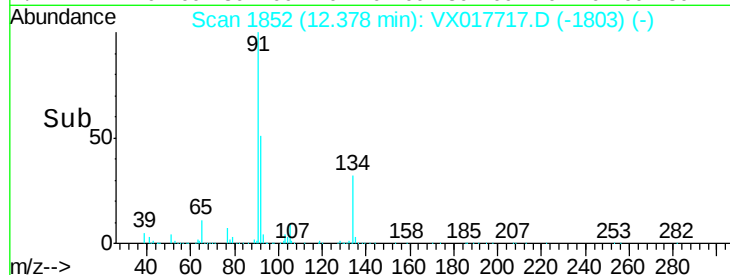
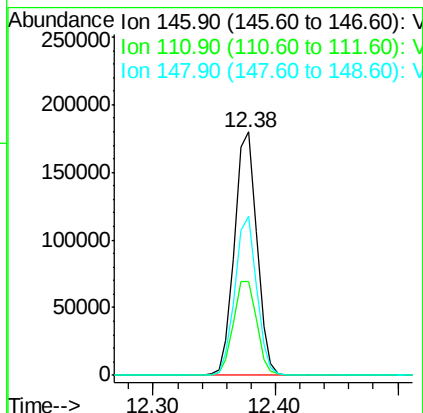
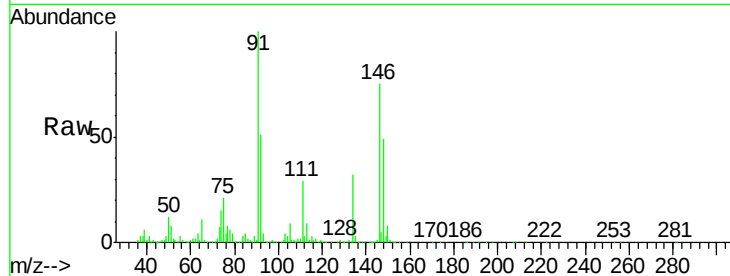
ClientSampleId :

VX0731WBS02

Tot Ion:	146	Resp:	226826
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.9	62.8
148	63.5	32.8	98.4

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.728 ug/l

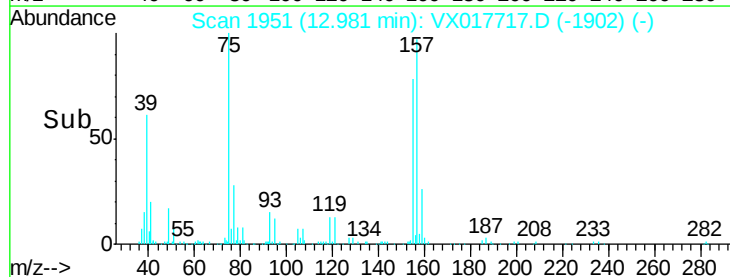
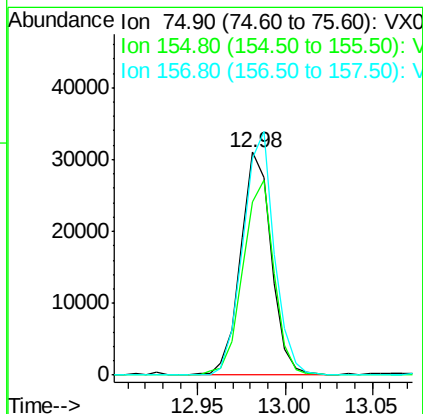
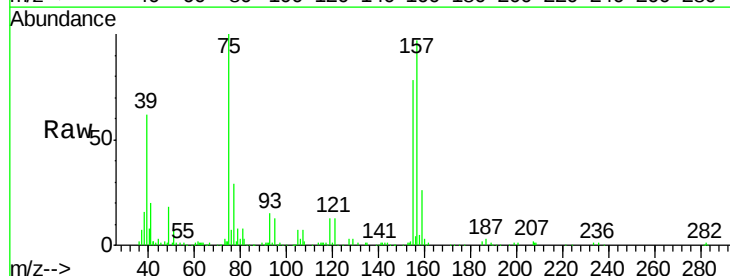
RT: 12.98 min Scan# 1951

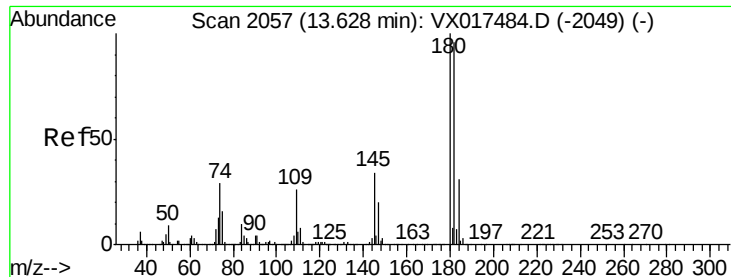
Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion:	75	Resp:	38153
Ion Ratio	Lower	Upper	
75	100		
155	88.2	42.3	126.8
157	110.4	54.3	162.9





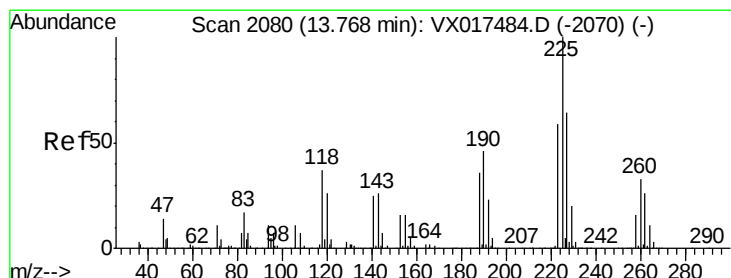
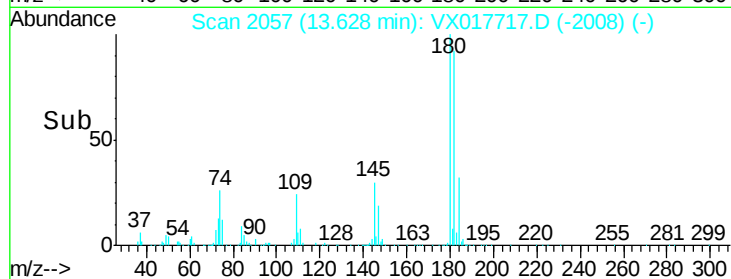
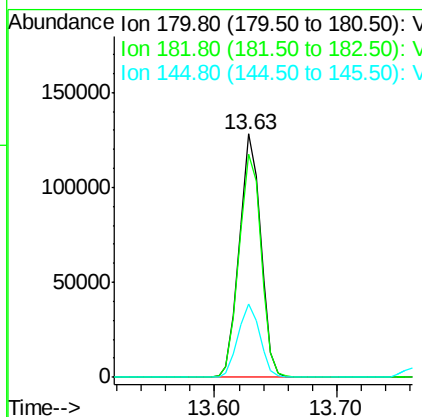
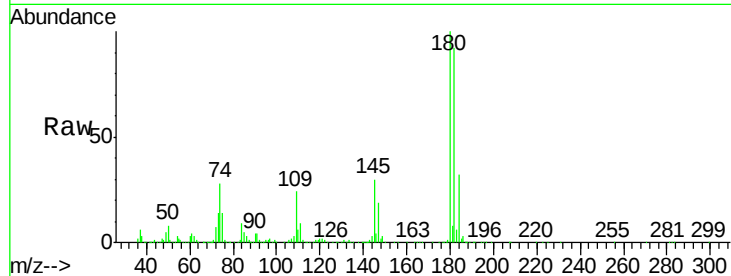
#93
1,2,4-Trichlorobenzene
Concen: 17.656 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.6
145	30.9	15.4	46.4

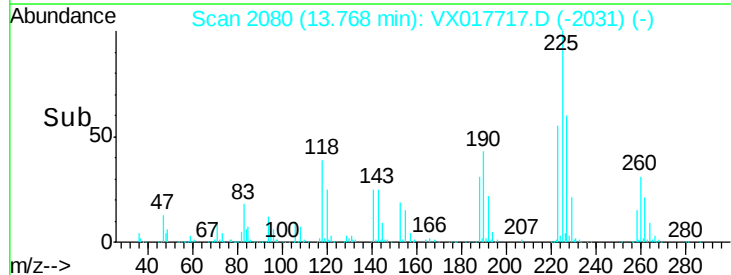
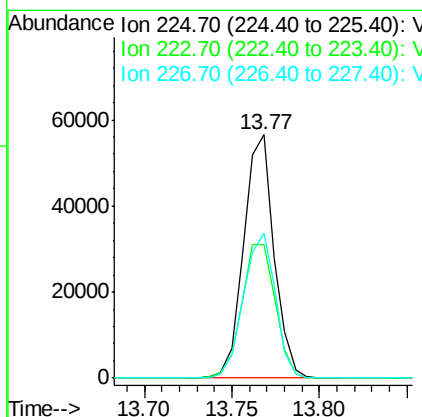
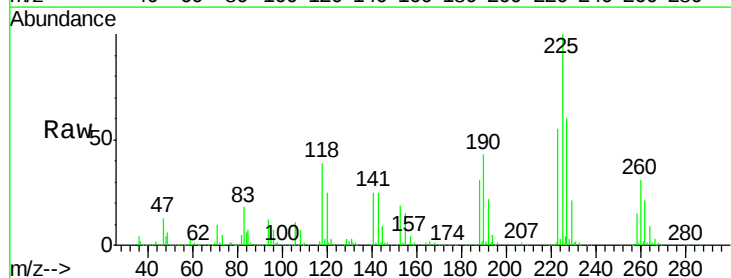
Manual Integrations
APPROVED

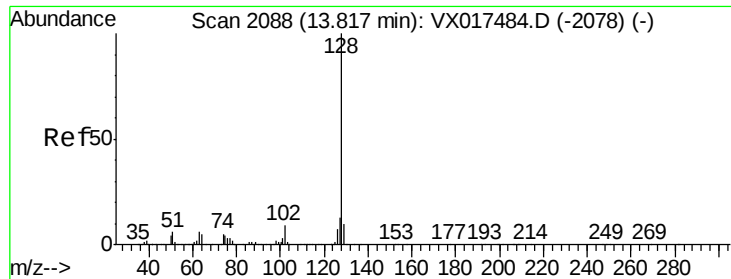
MMDadoda
8/3/2020 5:02:35 PM



#94
Hexachlorobutadiene
Concen: 16.921 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.3	90.9
227	62.6	31.1	93.2





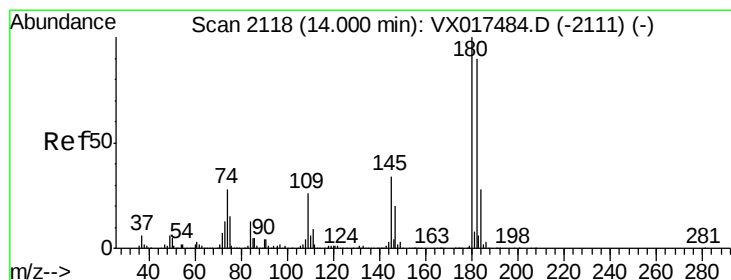
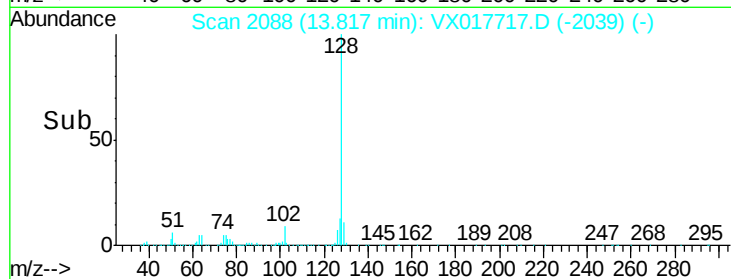
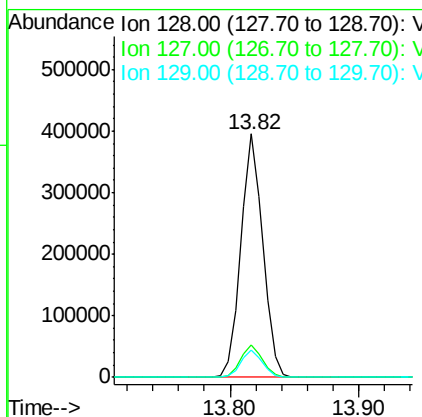
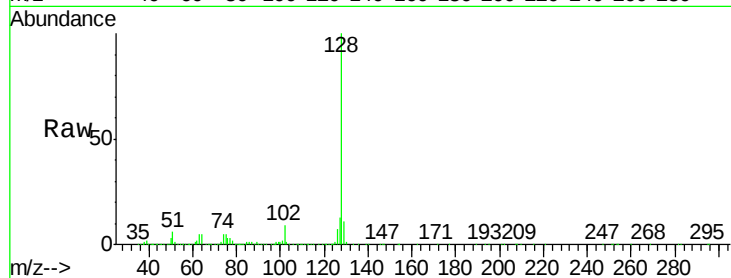
#95
Naphthalene
Concen: 17.911 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.134 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.3
145	32.0	16.3	48.9

