

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015859.D
 Acq On : 22 Apr 2020 23:25
 Operator : JC/SP
 Sample : VX0422WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:15:15 PM

Quant Time: Apr 23 07:19:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	905917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1400345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1322962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	673315	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	524262	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.47	113	408587	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.70	98	1617902	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.12	95	618500	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	170365	21.970	ug/l	99
3) Chloromethane	1.31	50	158519	19.960	ug/l	99
4) Vinyl Chloride	1.39	62	177724	19.334	ug/l	98
5) Bromomethane	1.63	94	76288	24.744	ug/l	95
6) Chloroethane	1.72	64	101762	19.426	ug/l	97
7) Trichlorofluoromethane	1.92	101	233918	20.510	ug/l	100
8) Diethyl Ether	2.17	74	85643	18.517	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	146321	18.912	ug/l	99
10) Methyl Iodide	2.49	142	185763	19.434	ug/l	99
11) Tert butyl alcohol	3.01	59	211982	100.695	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155518	19.600	ug/l	95
13) Acrolein	2.28	56	103717	83.264	ug/l	99
14) Allyl chloride	2.71	41	328486	19.482	ug/l	100
15) Acrylonitrile	3.12	53	491516	100.587	ug/l	100
16) Acetone	2.42	43	409783	91.339	ug/l	100
17) Carbon Disulfide	2.55	76	432092	14.995	ug/l	97
18) Methyl Acetate	2.75	43	280871	18.964	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	568398	20.291	ug/l	98
20) Methylene Chloride	2.84	84	179664	19.727	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	171692	19.502	ug/l	99
22) Diisopropyl ether	3.83	45	622085	20.470	ug/l	97
23) Vinyl Acetate	3.79	43	2543977	101.142	ug/l	100
24) 1,1-Dichloroethane	3.67	63	321673	20.308	ug/l	98
25) 2-Butanone	4.64	43	700612	98.801	ug/l	99
26) 2,2-Dichloropropane	4.56	77	232849	16.456	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	201320	20.142	ug/l	97
28) Bromochloromethane	4.98	49	148401	17.855	ug/l	98
29) Tetrahydrofuran	5.09	42	464444	99.022	ug/l	99
30) Chloroform	5.18	83	314536	19.736	ug/l	97
31) Cyclohexane	5.55	56	300088	19.935	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	286853	20.187	ug/l	99
36) 1,1-Dichloropropene	5.78	75	240107	19.341	ug/l	98
37) Ethyl Acetate	4.80	43	281648	19.063	ug/l	99
38) Carbon Tetrachloride	5.76	117	239660	19.599	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015859.D
 Acq On : 22 Apr 2020 23:25
 Operator : JC/SP
 Sample : VX0422WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0422WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:15:15 PM

Quant Time: Apr 23 07:19:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	287990	18.319	ug/l	97
40) Benzene	6.12	78	724020	19.364	ug/l	99
41) Methacrylonitrile	5.01	41	160478	19.547	ug/l	99
42) 1,2-Dichloroethane	6.17	62	258464	19.197	ug/l	99
43) Isopropyl Acetate	6.42	43	472444	18.957	ug/l	99
44) Trichloroethene	7.19	130	254441	19.364	ug/l	94
45) 1,2-Dichloropropane	7.50	63	195537	19.955	ug/l	95
46) Dibromomethane	7.64	93	136972	19.149	ug/l	97
47) Bromodichloromethane	7.88	83	247361	19.439	ug/l	96
48) Methyl methacrylate	7.75	41	238756	19.476	ug/l	99
49) 1,4-Dioxane	7.71	88	79980	345.207	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1415257	98.381	ug/l	99
52) Toluene	8.77	92	462053	19.279	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	300789	19.051	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	320818	19.225	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	186627	19.942	ug/l	97
56) Ethyl methacrylate	9.16	69	300391	18.950	ug/l	98
57) 1,3-Dichloropropane	9.35	76	320149	19.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	765842	96.713	ug/l	100
59) 2-Hexanone	9.47	43	1065039	97.184	ug/l	100
60) Dibromochloromethane	9.57	129	192875	19.957	ug/l	97
61) 1,2-Dibromoethane	9.65	107	196682	19.016	ug/l	100
64) Tetrachloroethene	9.32	164	326599	18.315	ug/l	94
65) Chlorobenzene	10.12	112	503654	19.038	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	189618	19.175	ug/l	98
67) Ethyl Benzene	10.24	91	900039	19.374	ug/l	100
68) m/p-Xylenes	10.34	106	684017	39.226	ug/l	99
69) o-Xylene	10.68	106	330695	19.272	ug/l	99
70) Styrene	10.70	104	567820	19.111	ug/l	100
71) Bromoform	10.84	173	126594	19.646	ug/l #	97
73) Isopropylbenzene	11.00	105	892623	20.874	ug/l	100
74) N-amyl acetate	10.88	43	432475	19.590	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	180285	19.921	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	250391m	19.556	ug/l	
77) Bromobenzene	11.24	156	232406	19.891	ug/l	99
78) n-propylbenzene	11.34	91	988052	20.170	ug/l	100
79) 2-Chlorotoluene	11.40	91	589071	20.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	730191	20.026	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	90445	16.993	ug/l	97
82) 4-Chlorotoluene	11.49	91	694251	19.855	ug/l	100
83) tert-Butylbenzene	11.76	119	643358	19.891	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	754723	19.937	ug/l	98
85) sec-Butylbenzene	11.93	105	833980	19.560	ug/l	99
86) p-Isopropyltoluene	12.05	119	787470	19.752	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	407362	18.993	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	420893	19.604	ug/l	98
89) n-Butylbenzene	12.37	91	669689	18.788	ug/l	99
90) Hexachloroethane	12.58	117	107377	25.495	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	393372	19.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52709	19.640	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015859.D
Acq On : 22 Apr 2020 23:25
Operator : JC/SP
Sample : VX0422WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

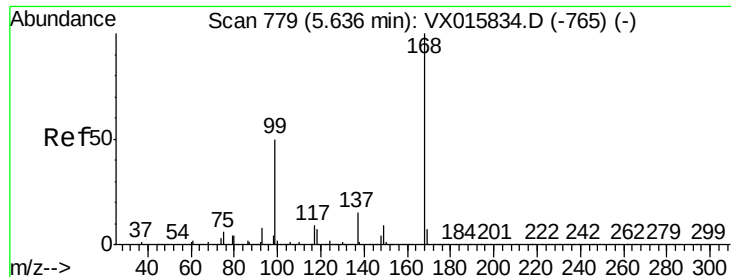
Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM

Quant Time: Apr 23 07:19:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	303729	18.950	ug/l	100
94) Hexachlorobutadiene	13.77	225	136926	19.054	ug/l	97
95) Naphthalene	13.82	128	885220	19.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	295844	18.919	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion:168 Resp: 905917

Ion Ratio Lower Upper

168 100

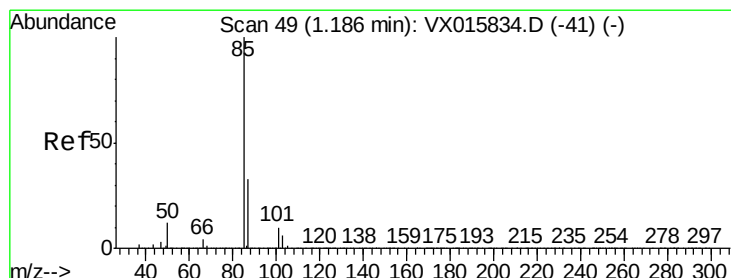
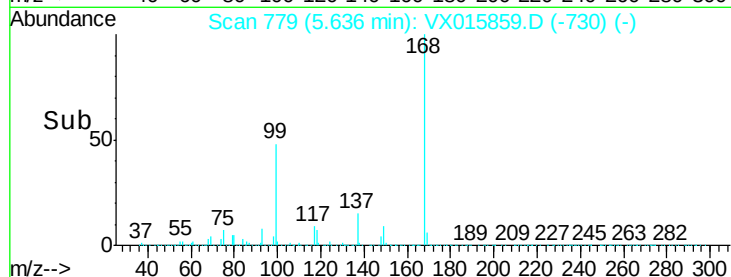
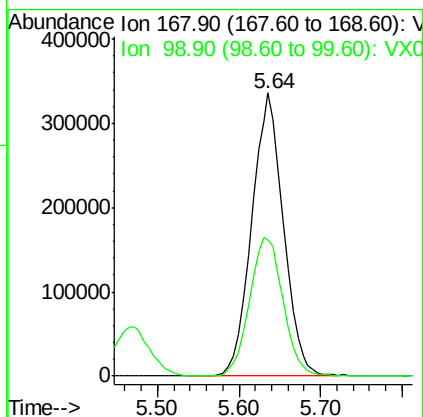
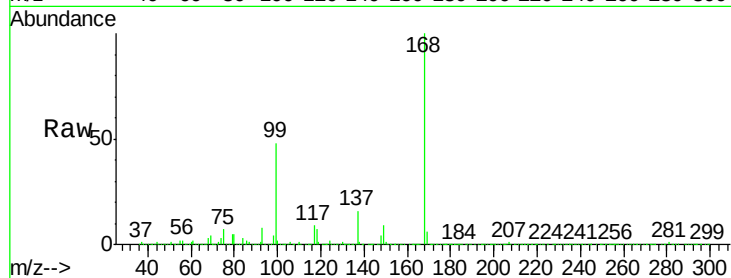
99 47.8 40.3 60.5

Manual Integrations

APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#2

Dichlorodifluoromethane

Concen: 21.970 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX015859.D

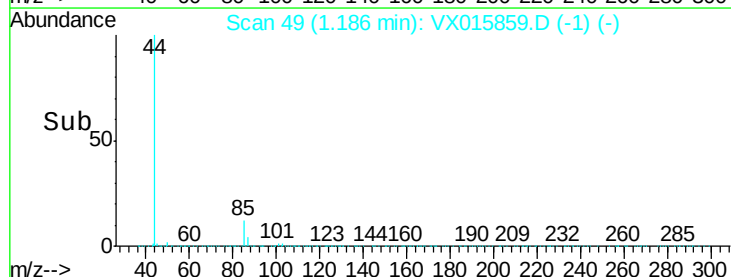
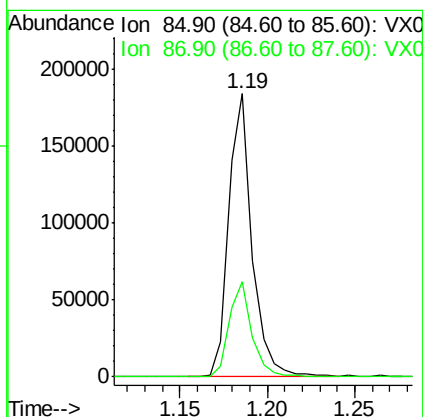
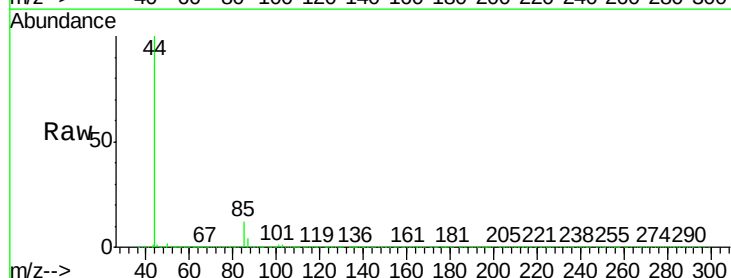
Acq: 22 Apr 2020 23:25

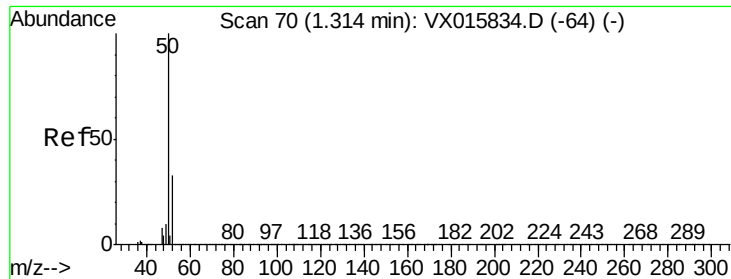
Tgt Ion: 85 Resp: 170365

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.2





#3

Chloromethane

Concen: 19.960 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 50 Resp: 158519

Ion Ratio Lower Upper

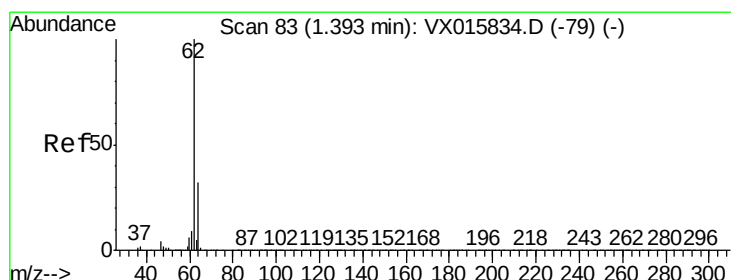
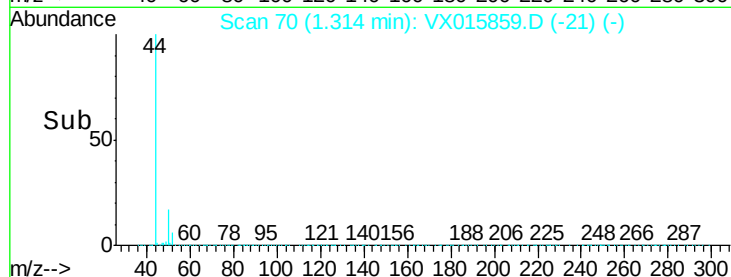
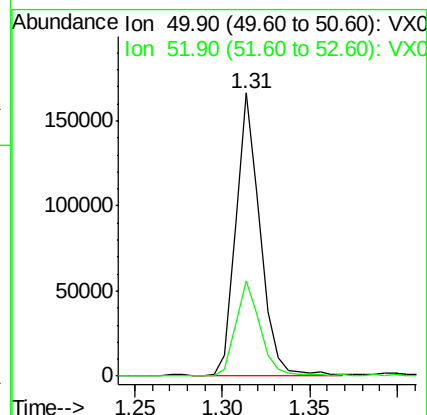
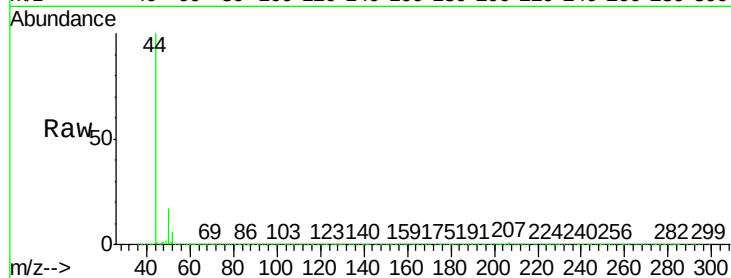
50 100

52 33.2 26.2 39.4

Manual Integrations
APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#4

Vinyl Chloride

Concen: 19.334 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015859.D

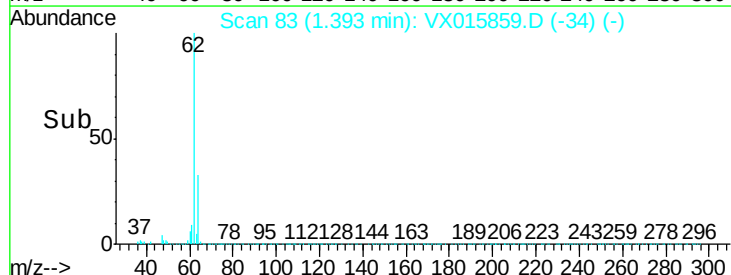
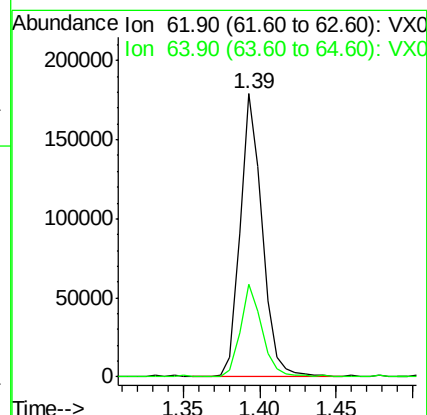
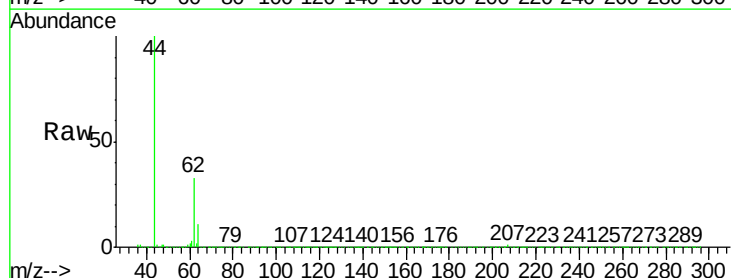
Acq: 22 Apr 2020 23:25

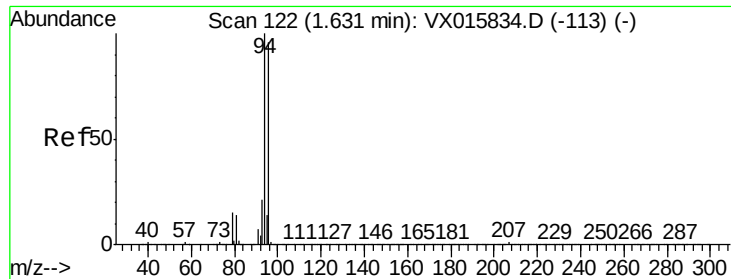
Tgt Ion: 62 Resp: 177724

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.2





#5

Bromomethane

Concen: 24.744 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 94 Resp: 76288

Ion Ratio Lower Upper

94 100

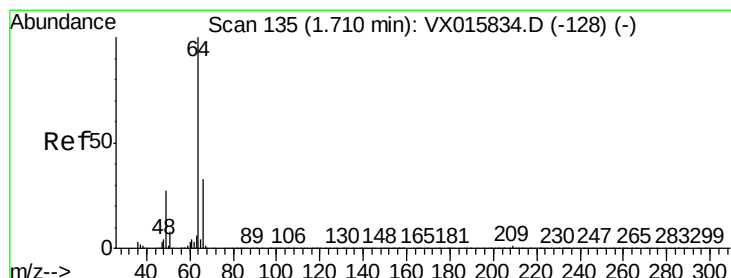
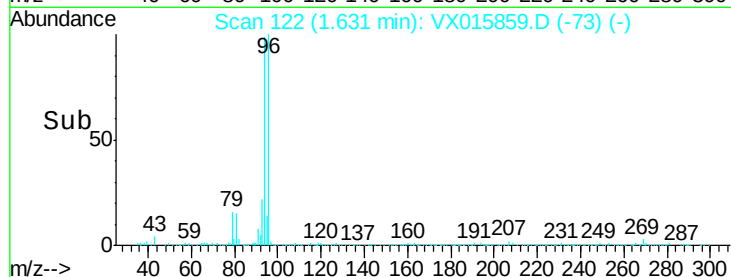
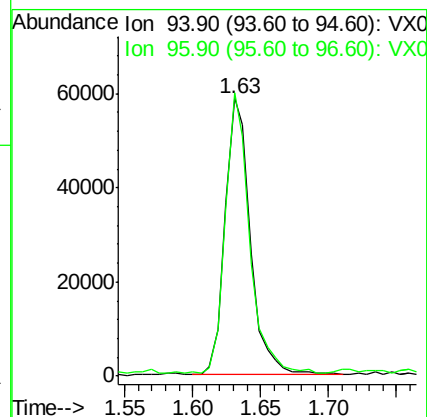
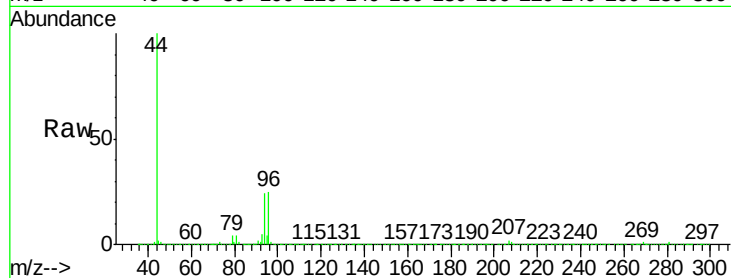
96 100.7 76.7 115.1

Manual Integrations

APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#6

Chloroethane

Concen: 19.426 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015859.D

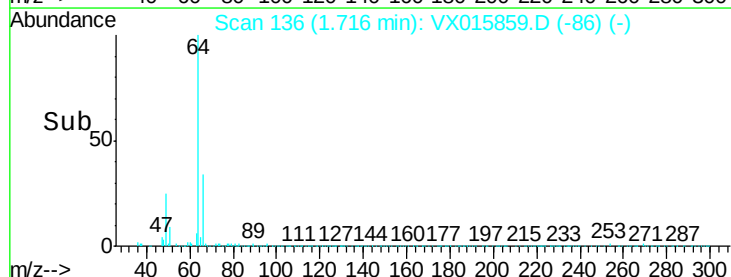
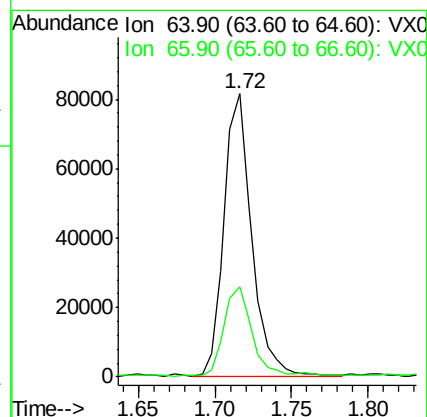
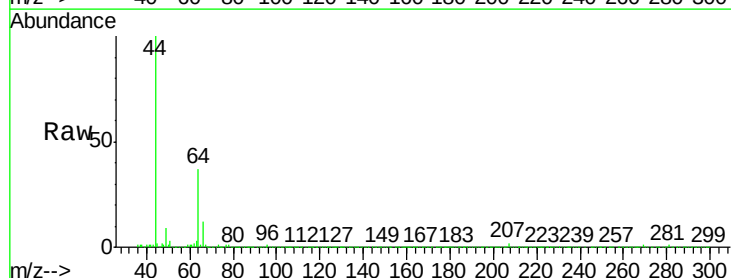
Acq: 22 Apr 2020 23:25

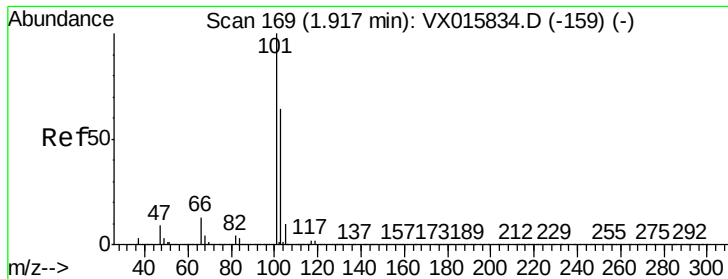
Tgt Ion: 64 Resp: 101762

Ion Ratio Lower Upper

64 100

66 31.3 26.2 39.2





#7

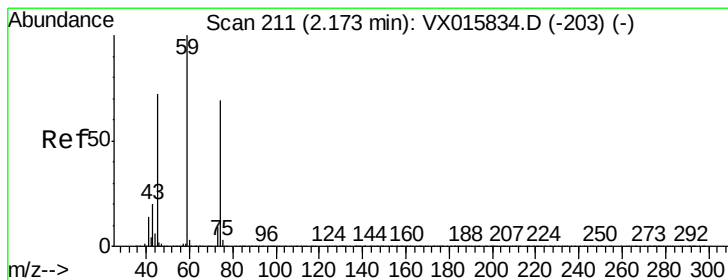
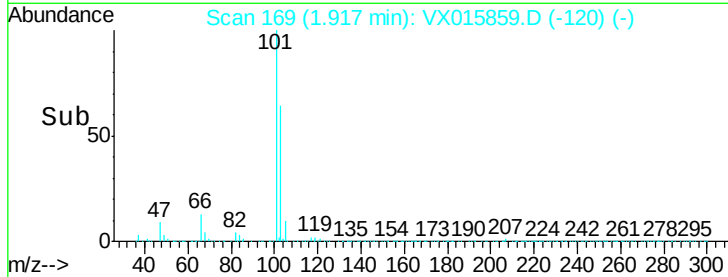
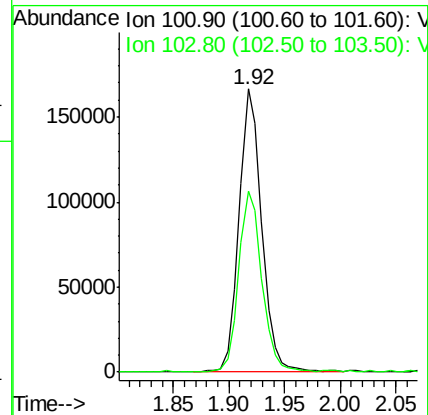
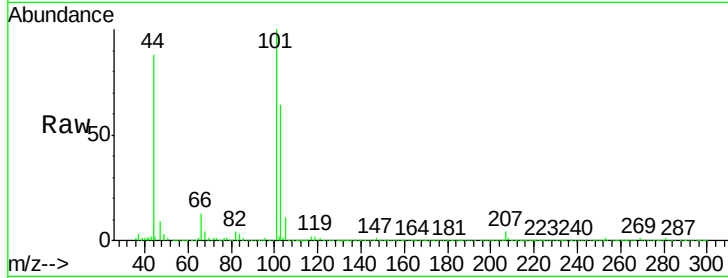
Trichlorofluoromethane
Concen: 20.510 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	233918		
103	64.0	51.4	77.0	

Manual Integrations
APPROVED

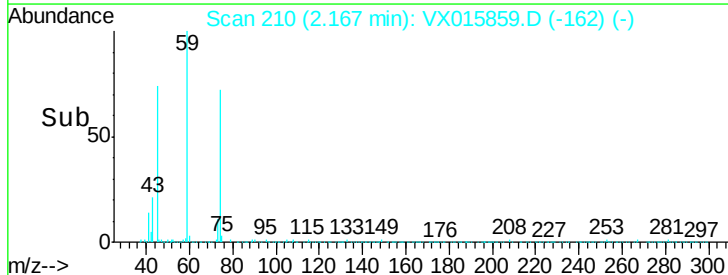
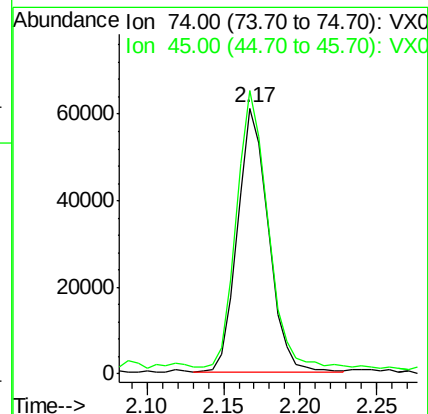
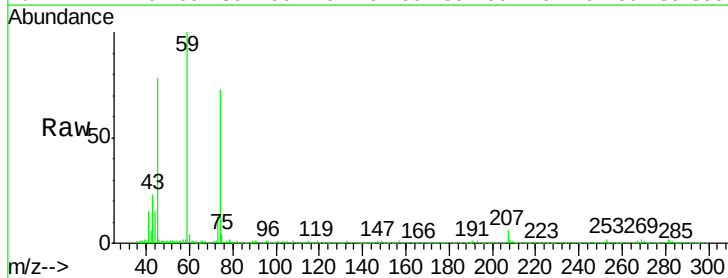
MMDadoda
4/23/2020 12:15:15 PM

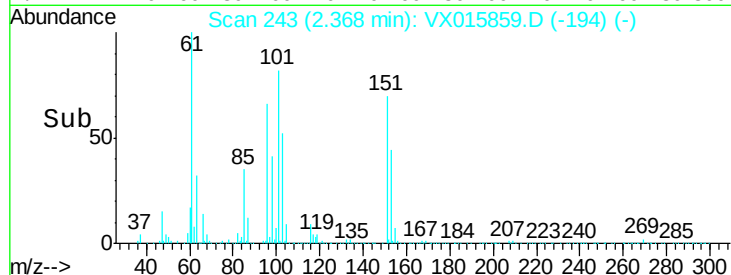
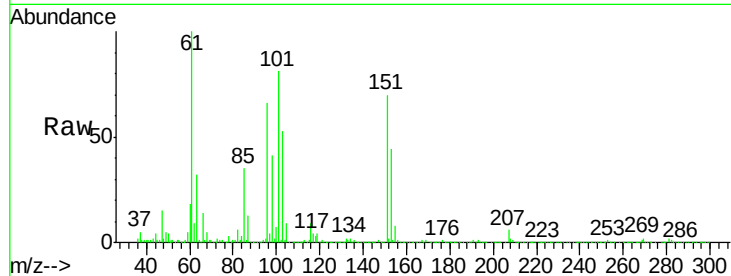
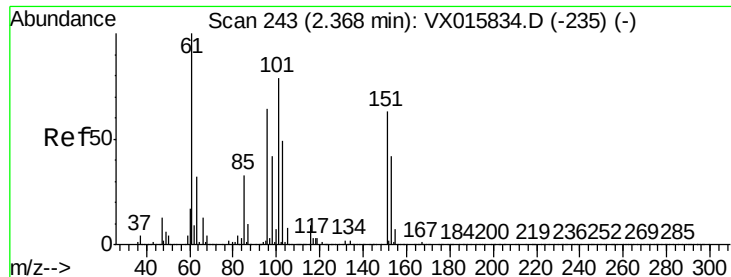


#8

Diethyl Ether
Concen: 18.517 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	85643		
45	109.2	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.912 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015859.D

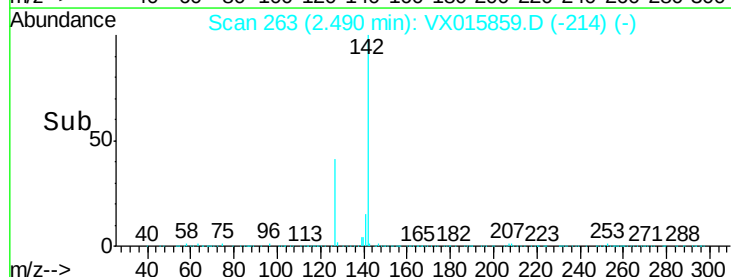
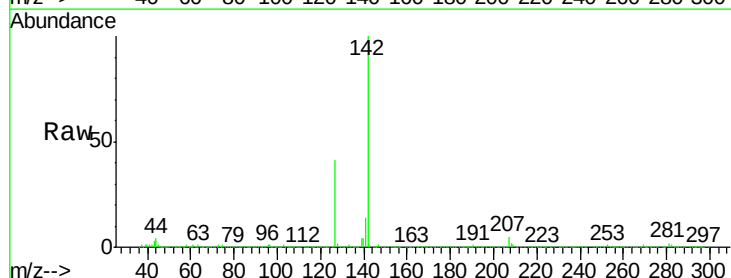
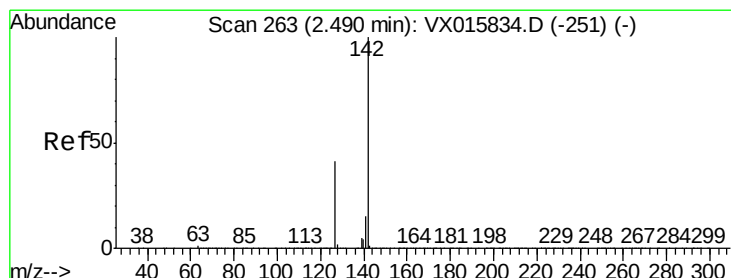
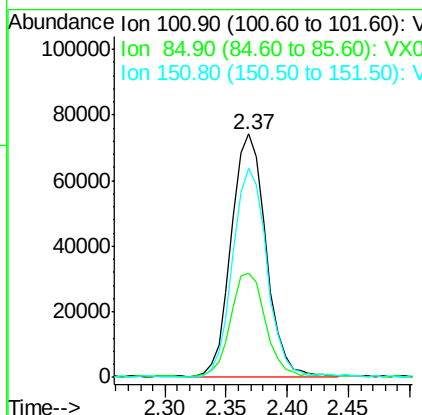
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	42.7	33.8	50.6
151	84.1	67.8	101.6

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#10

Methyl Iodide

Concen: 19.434 ug/l

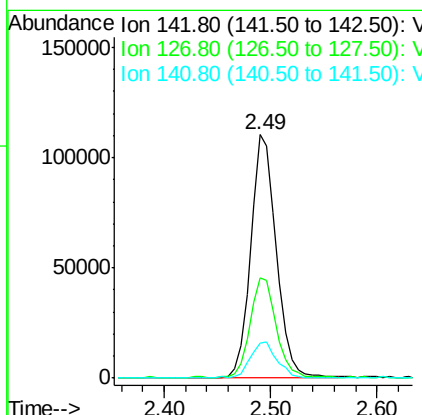
RT: 2.49 min Scan# 263

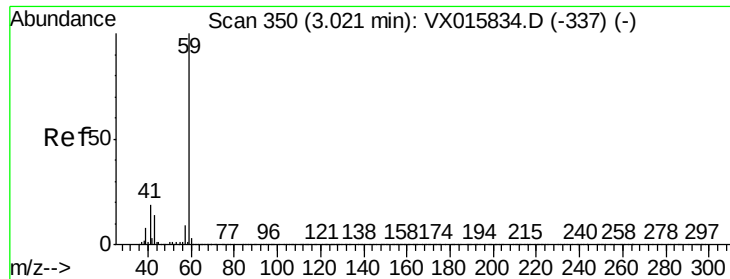
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	41.9	33.3	49.9
141	15.3	11.8	17.6





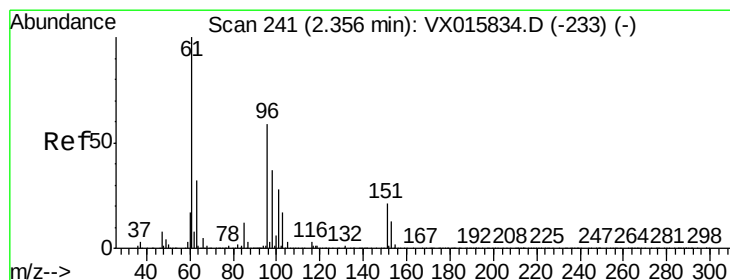
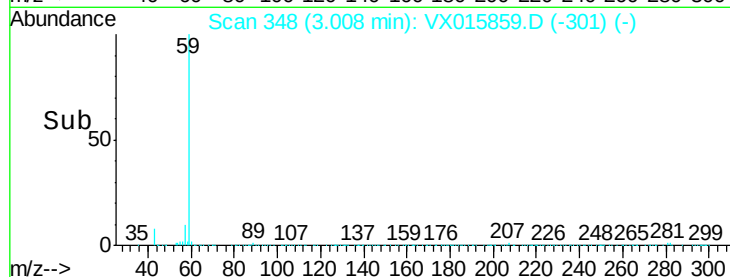
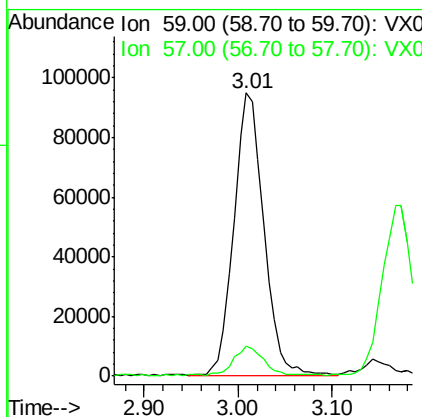
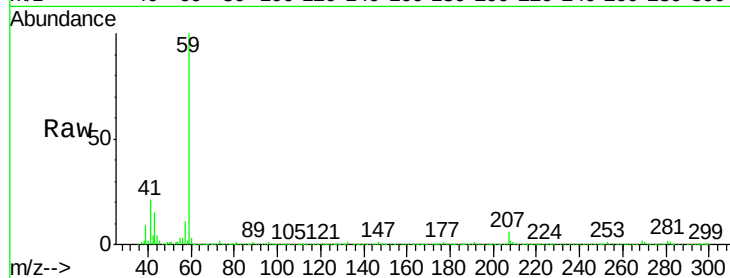
#11
Tert butyl alcohol
Concen: 100.695 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.0	8.2	12.2

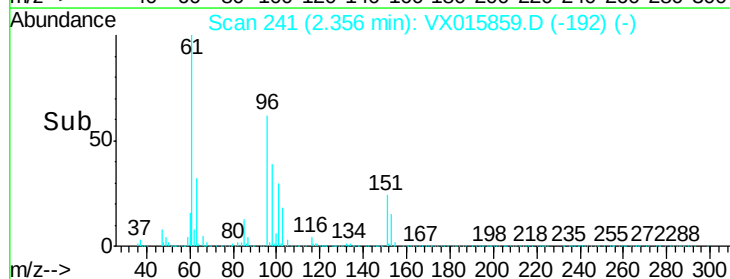
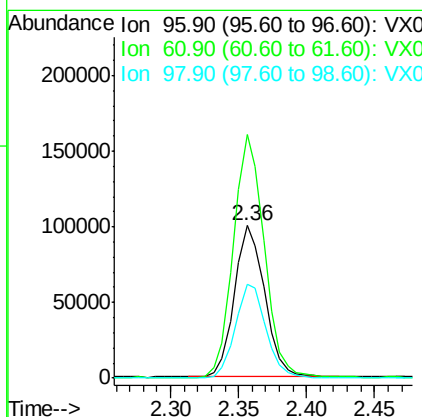
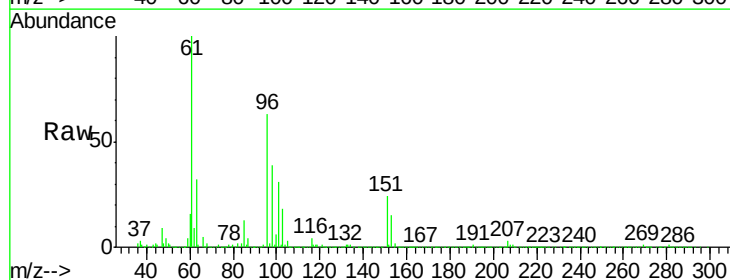
Manual Integrations
APPROVED

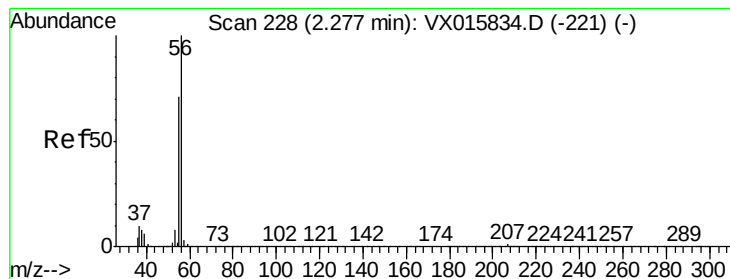
MMDadoda
4/23/2020 12:15:15 PM



#12
1,1-Dichloroethene
Concen: 19.600 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	160.7	135.0	202.6
98	98	62.0	50.6	76.0





#13

Acrolein

Concen: 83.264 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 56 Resp: 103717

Ion Ratio Lower Upper

56 100

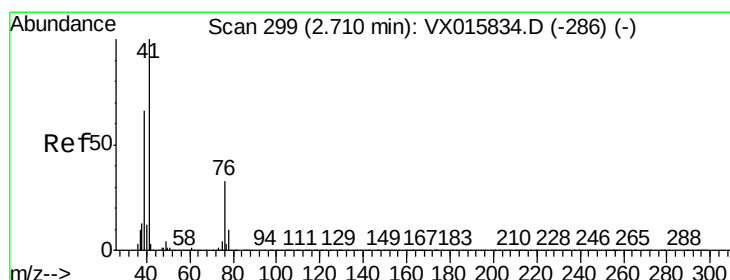
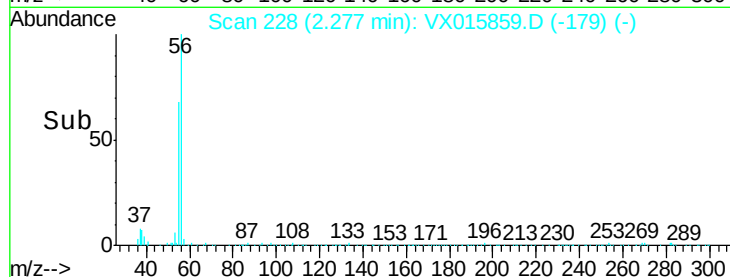
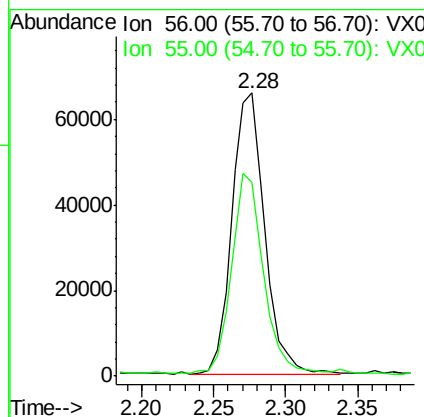
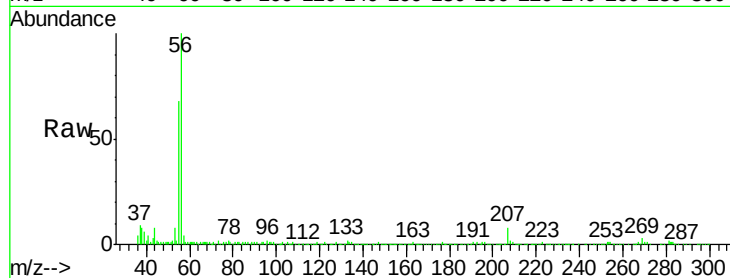
55 69.2 56.1 84.1

Manual Integrations

APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#14

Allyl chloride

Concen: 19.482 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

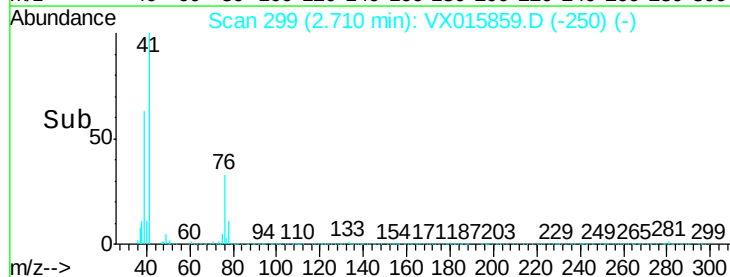
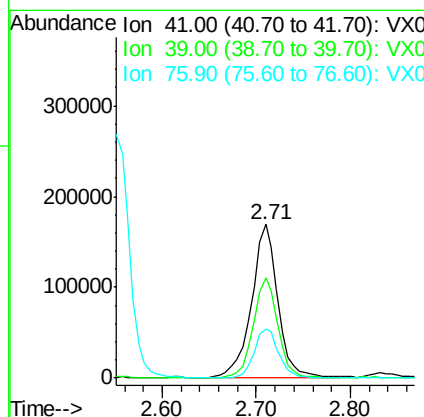
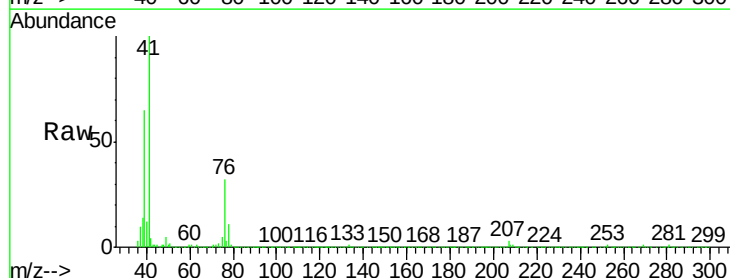
Tgt Ion: 41 Resp: 328486

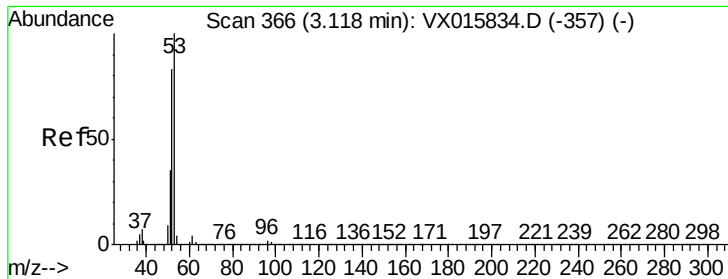
Ion Ratio Lower Upper

41 100

39 60.7 48.4 72.6

76 29.4 23.8 35.8





#15

Acrylonitrile

Concen: 100.587 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

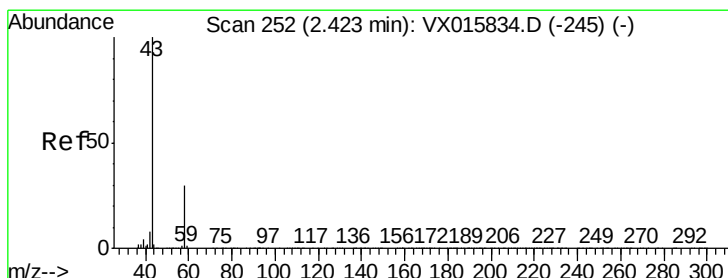
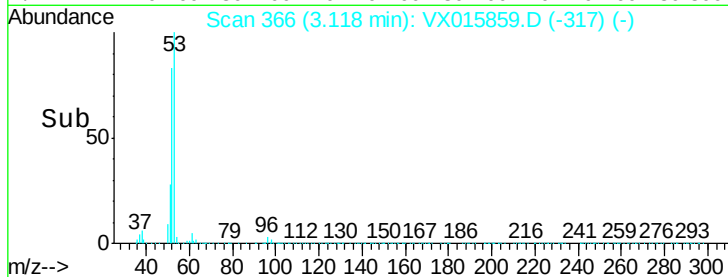
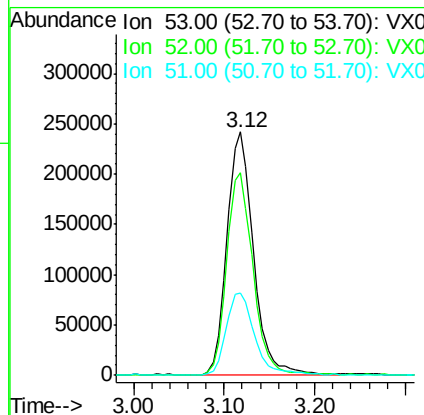
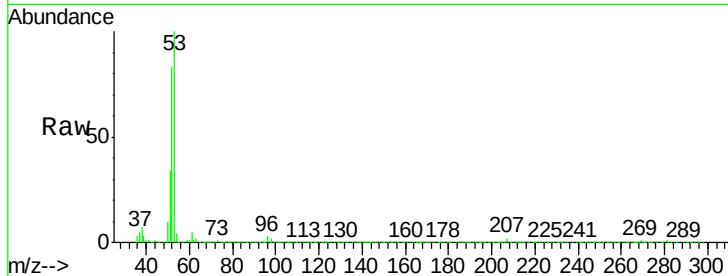
ClientSampleId :

VX0422WBS02

Tot Ion:	53	Resp:	491516
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.4
51	36.2	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#16

Acetone

Concen: 91.339 ug/l

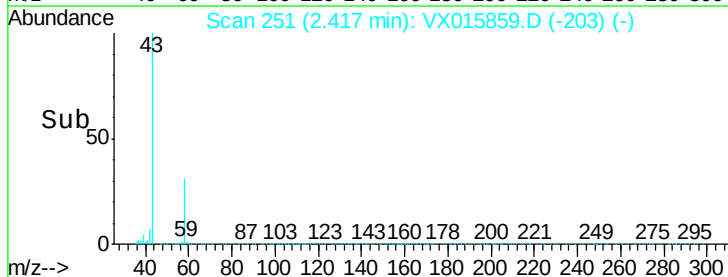
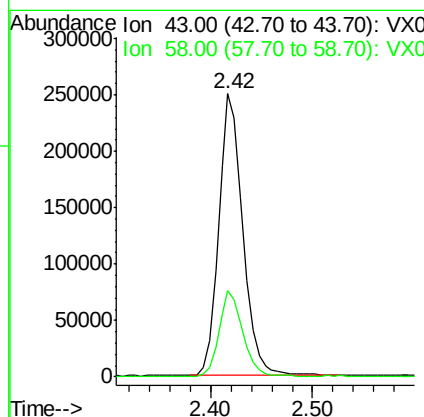
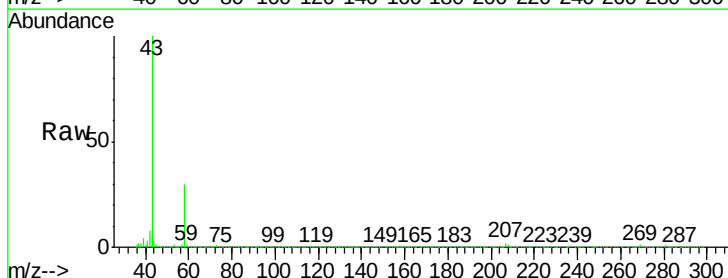
RT: 2.42 min Scan# 251

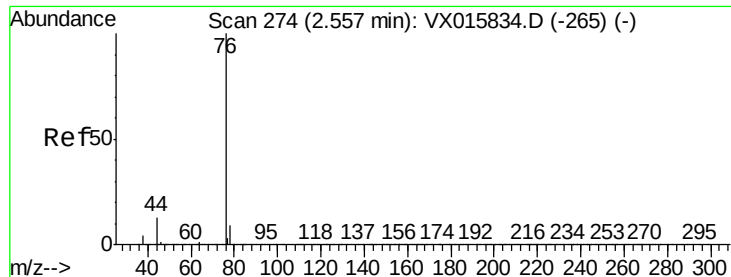
Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	43	Resp:	409783
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.0	36.0





#17

Carbon Disulfide

Concen: 14.995 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 76 Resp: 432092

Ion Ratio Lower Upper

76 100

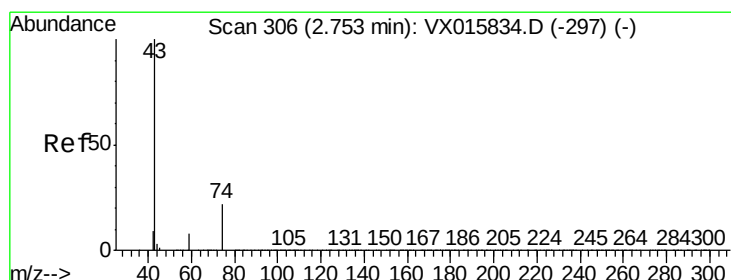
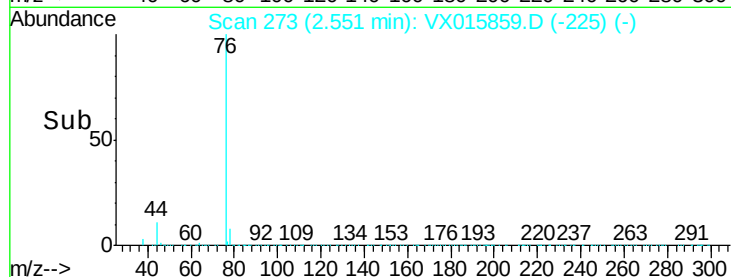
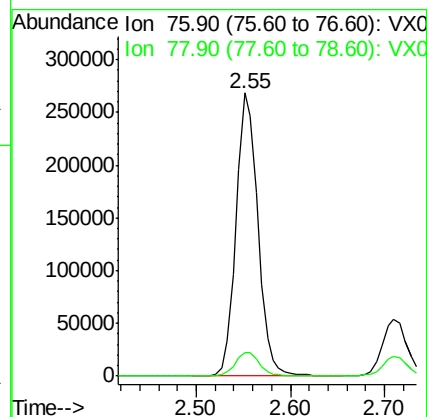
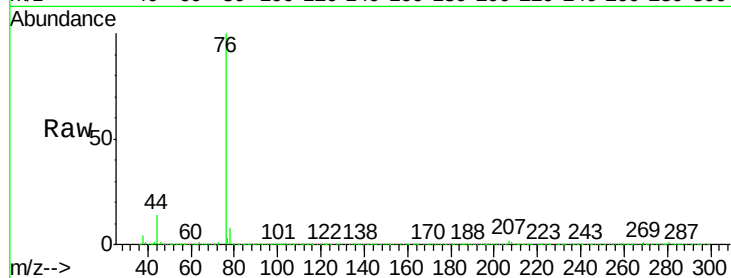
78 8.2 7.4 11.2

Manual Integrations

APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#18

Methyl Acetate

Concen: 18.964 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015859.D

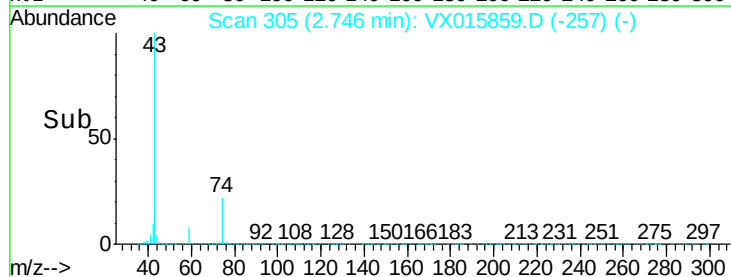
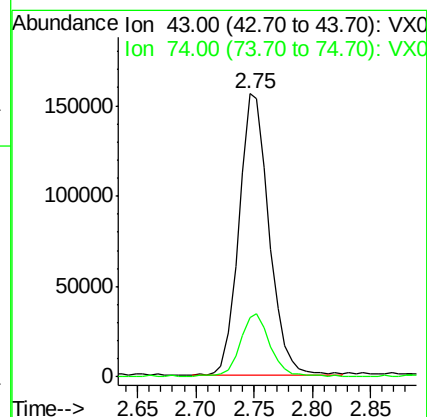
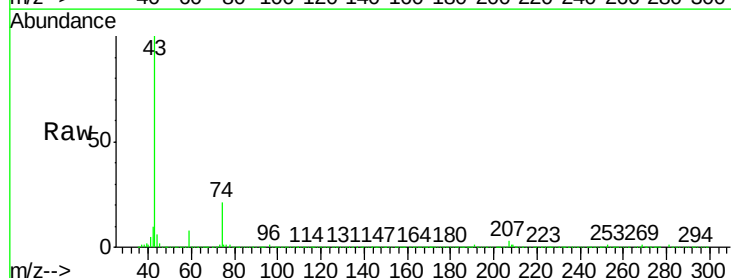
Acq: 22 Apr 2020 23:25

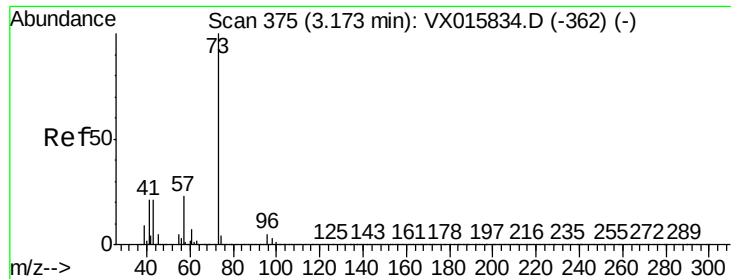
Tgt Ion: 43 Resp: 280871

Ion Ratio Lower Upper

43 100

74 21.8 17.9 26.9





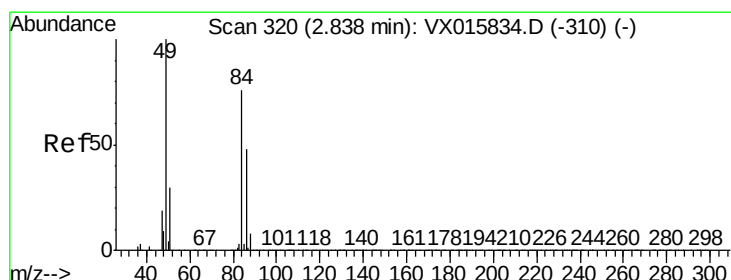
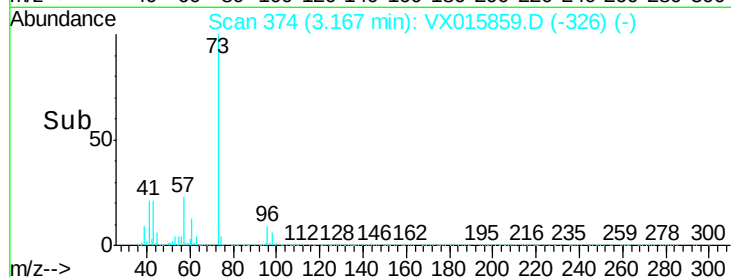
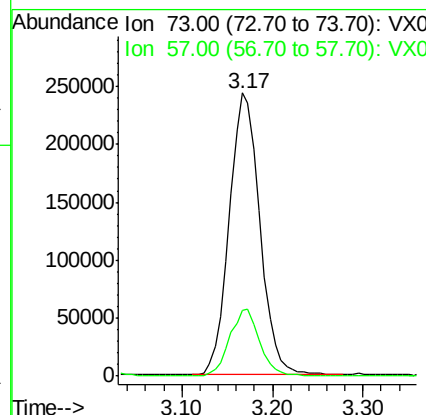
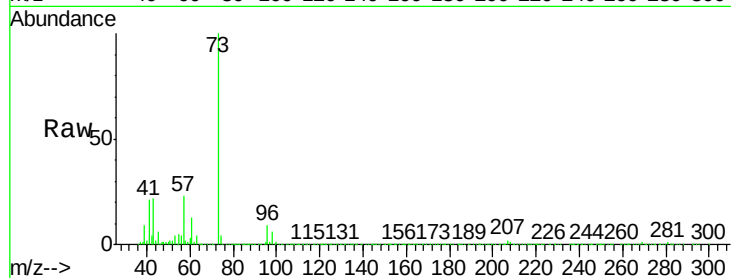
#19
Methyl tert-butyl Ether
Concen: 20.291 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.1	27.1

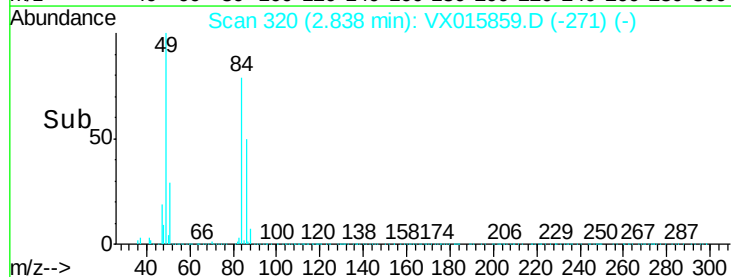
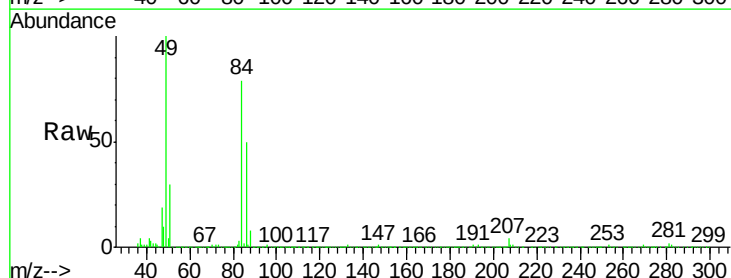
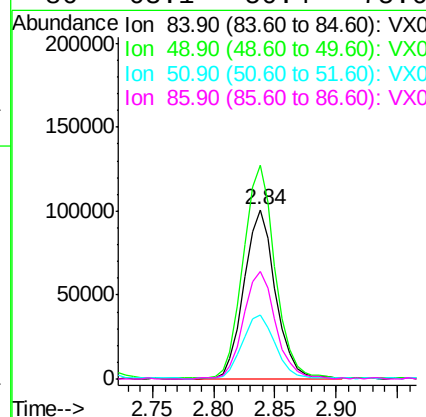
Manual Integrations
APPROVED

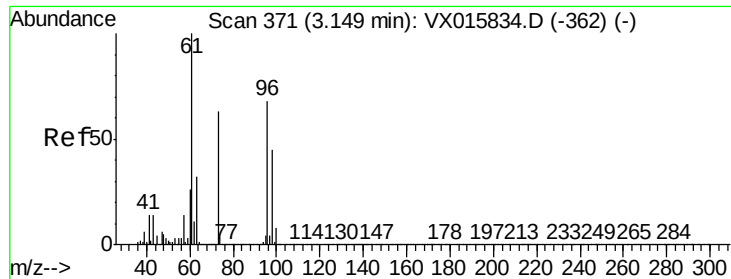
MMDadoda
4/23/2020 12:15:15 PM



#20
Methylene Chloride
Concen: 19.727 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	104.9	157.3
51	37.2	32.0	48.0
86	63.1	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 19.502 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

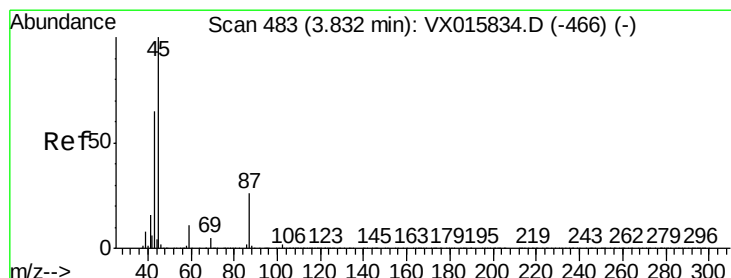
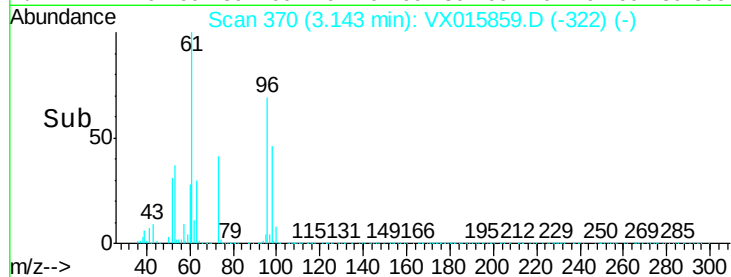
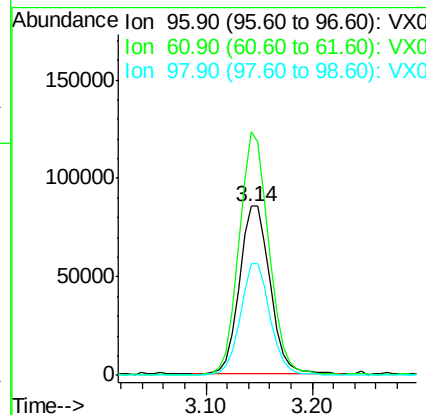
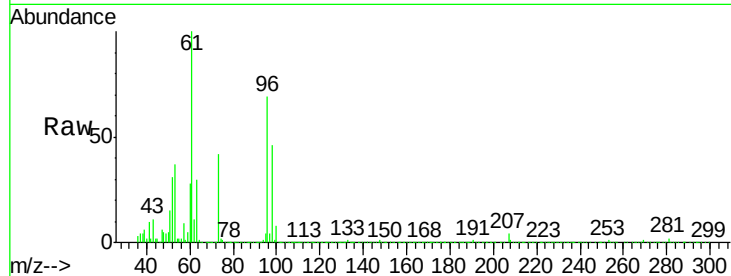
ClientSampleId :

VX0422WBS02

Tot Ion:	96	Resp:	171692
Ion Ratio	Lower	Upper	
96	100		
61	145.0	117.5	176.3
98	66.2	52.7	79.1

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#22

Diisopropyl ether

Concen: 20.470 ug/l

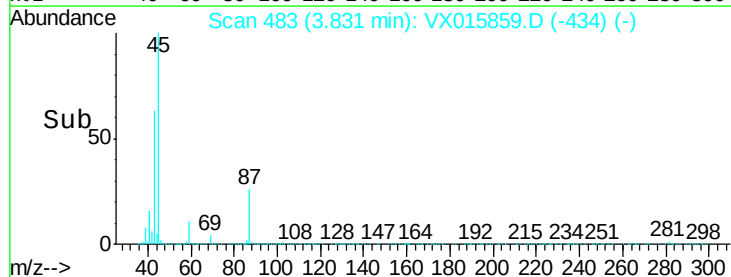
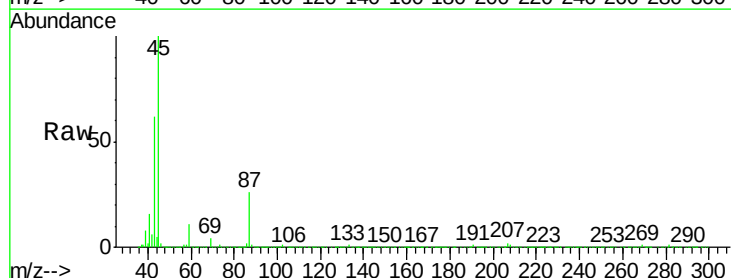
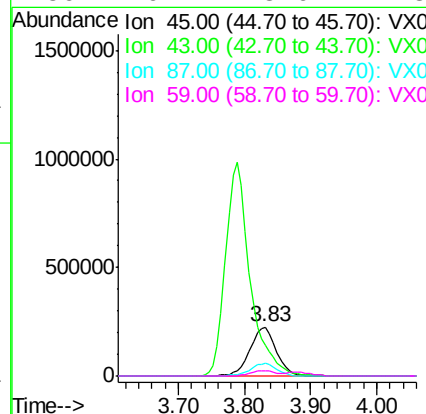
RT: 3.83 min Scan# 483

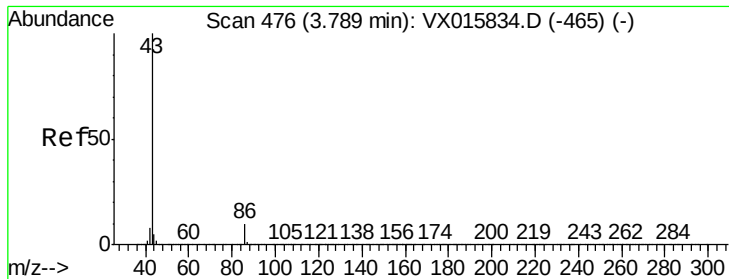
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	45	Resp:	622085
Ion Ratio	Lower	Upper	
45	100		
43	62.3	52.4	78.6
87	26.3	20.7	31.1
59	10.7	8.6	12.8





#23

Vinyl Acetate

Concen: 101.142 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampled :

VX0422WBS02

Tot Ion: 43 Resp: 2543977

Ion Ratio Lower Upper

43 100

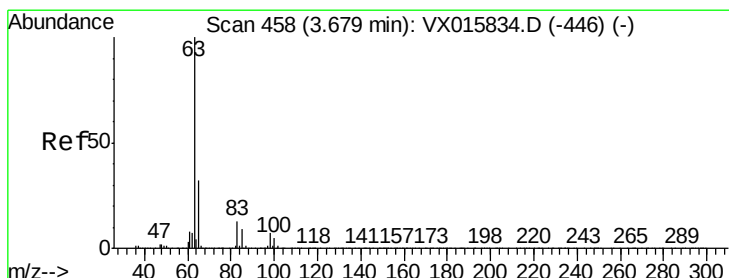
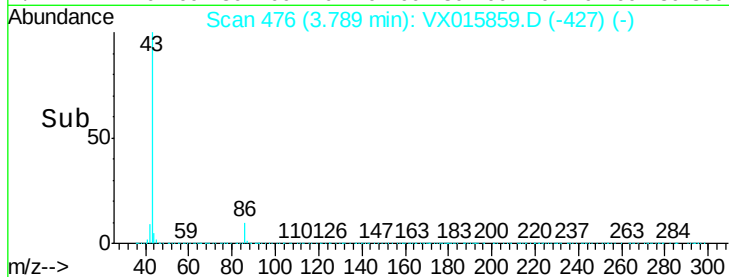
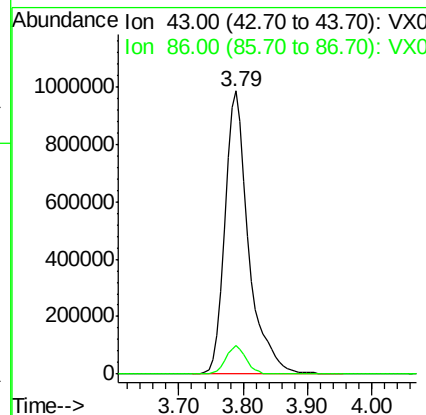
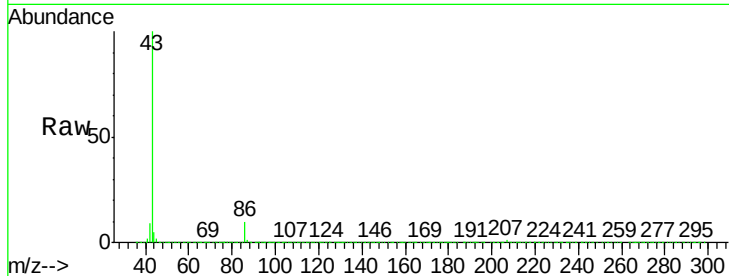
86 9.9 8.0 12.0

Manual Integrations

APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#24

1,1-Dichloroethane

Concen: 20.308 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

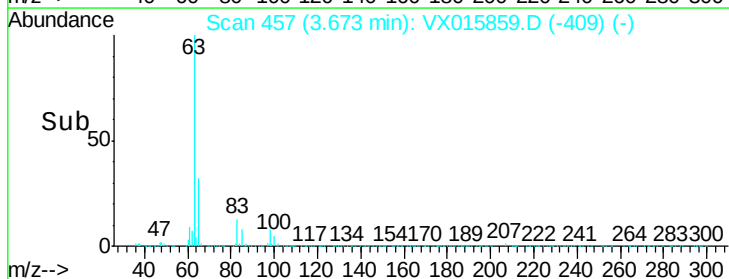
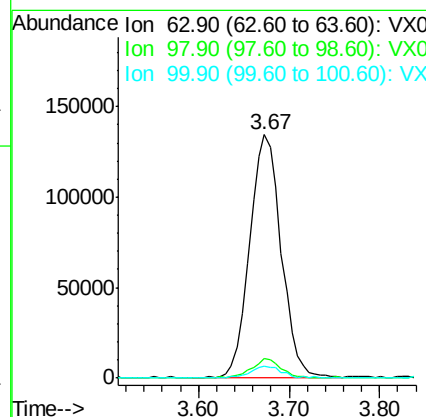
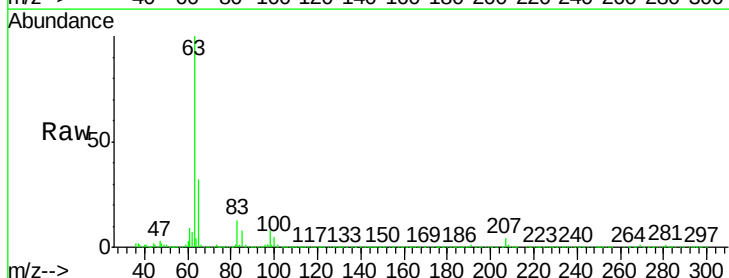
Tgt Ion: 63 Resp: 321673

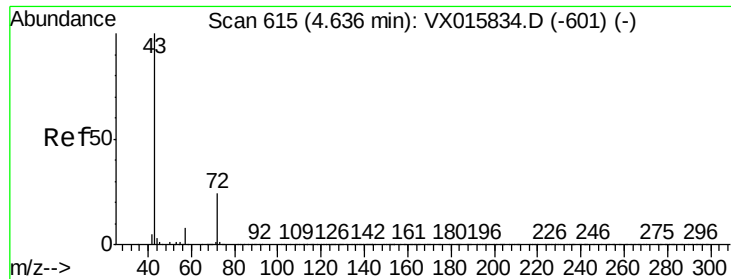
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.9 2.3 6.8





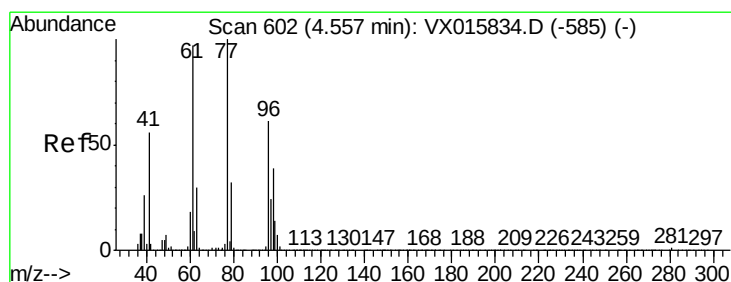
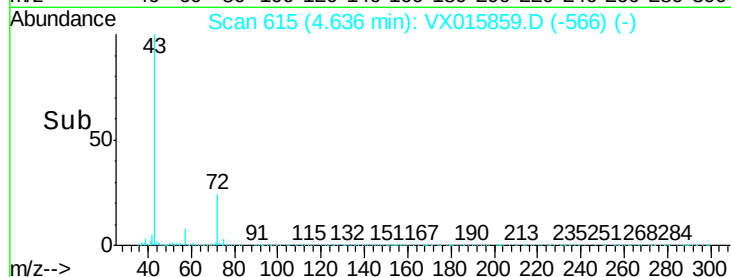
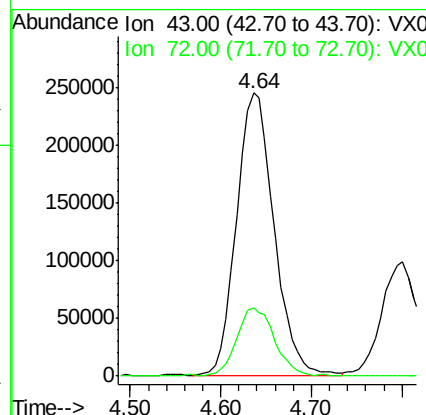
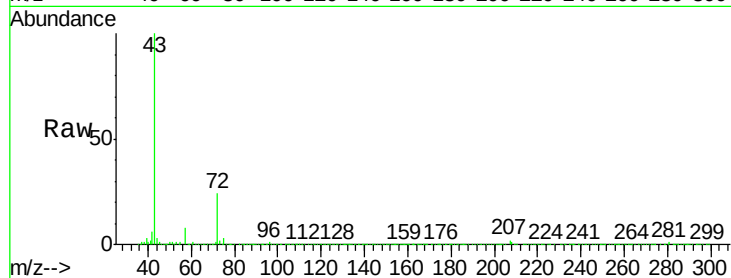
#25
2-Butanone
Concen: 98.801 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion: 43 Resp: 700612
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2

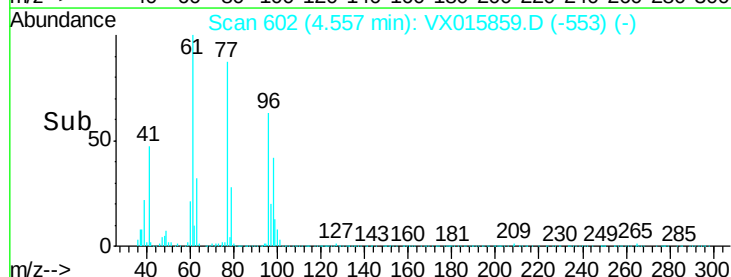
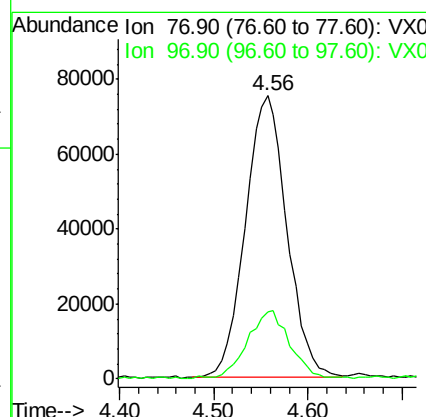
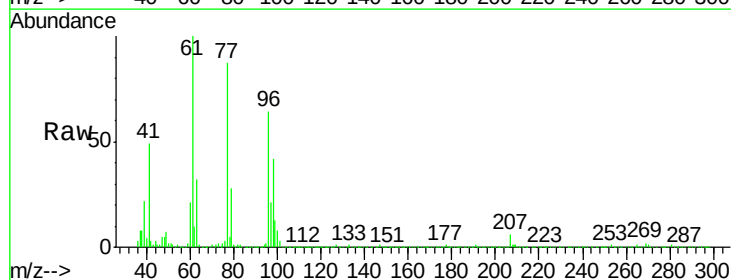
Manual Integrations
APPROVED

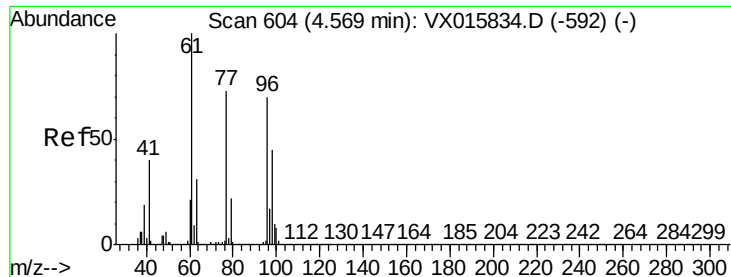
MMDadoda
4/23/2020 12:15:15 PM



#26
2,2-Dichloropropane
Concen: 16.456 ug/l
RT: 4.56 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 77 Resp: 232849
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.1





#27

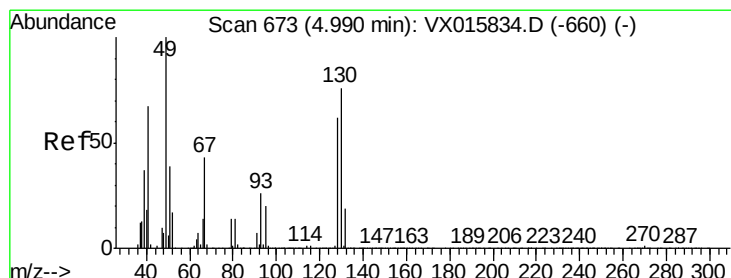
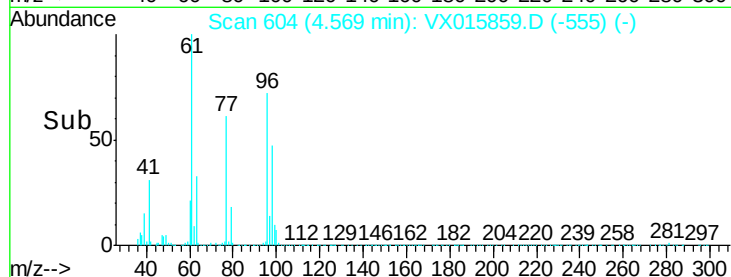
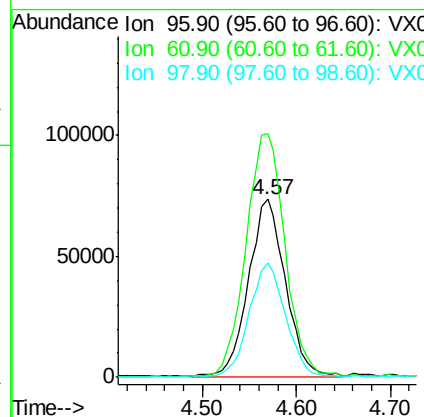
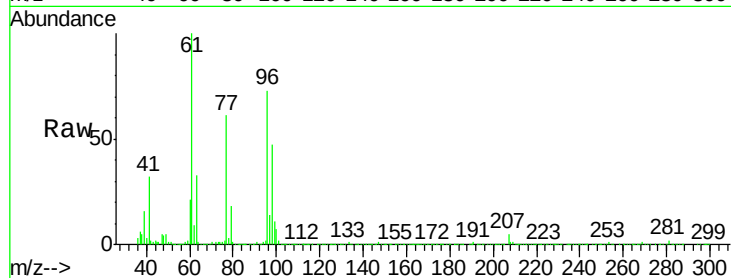
cis-1,2-Dichloroethene
Concen: 20.142 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	144.2	0.0	299.4
98	63.9	0.0	129.6

Manual Integrations
APPROVED

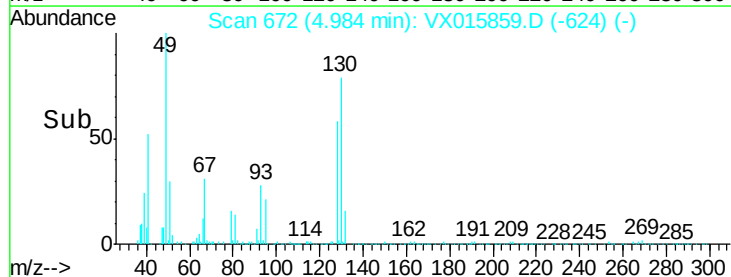
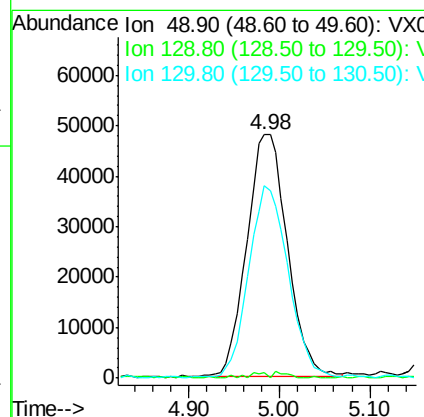
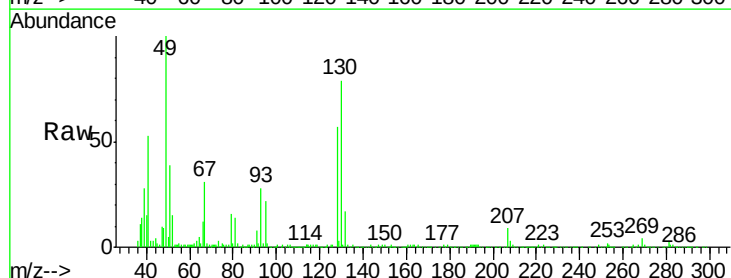
MMDadoda
4/23/2020 12:15:15 PM

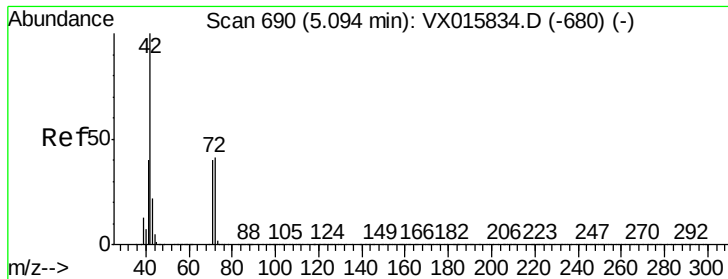


#28

Bromochloromethane
Concen: 17.855 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.0	0.0	1.8
130	76.3	62.4	93.6





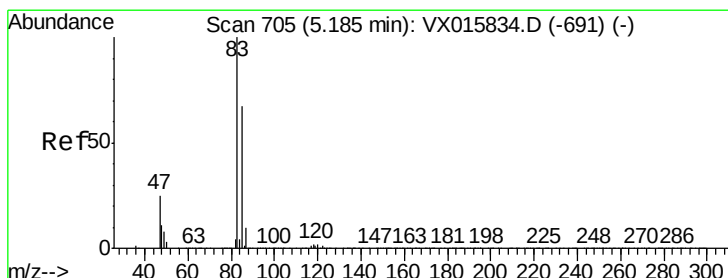
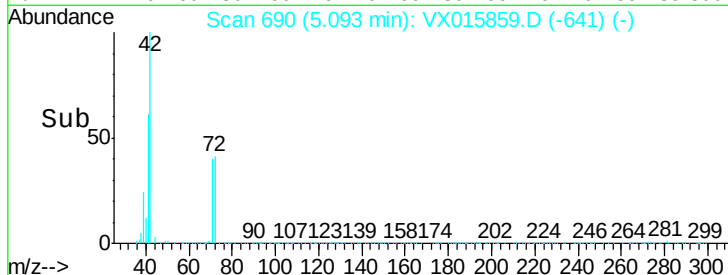
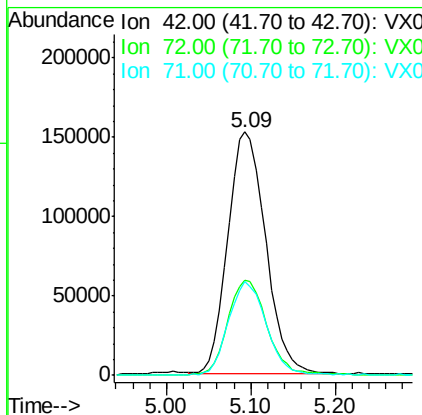
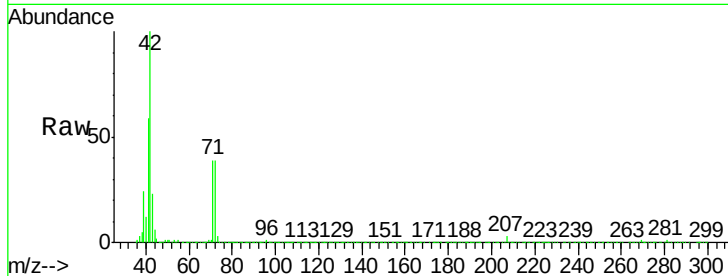
#29
Tetrahydrofuran
Concen: 99.022 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	464444		
72	72	41.1		33.0	49.6
71	71	38.6		30.6	45.8

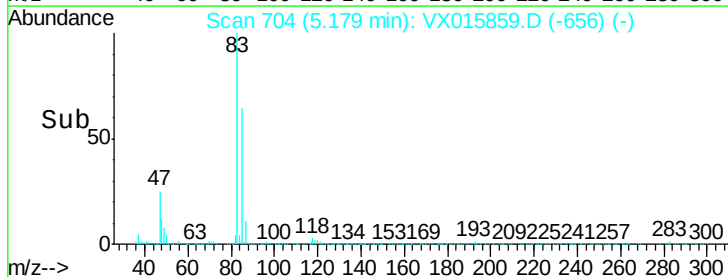
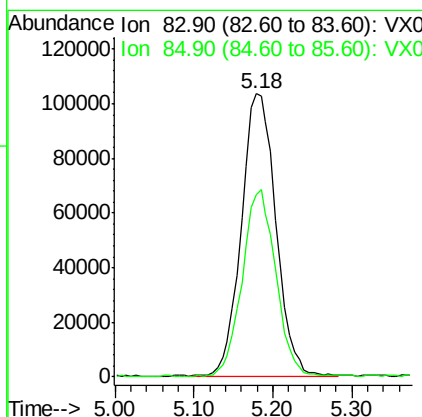
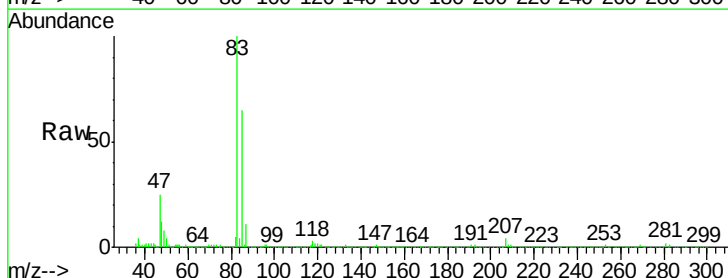
Manual Integrations
APPROVED

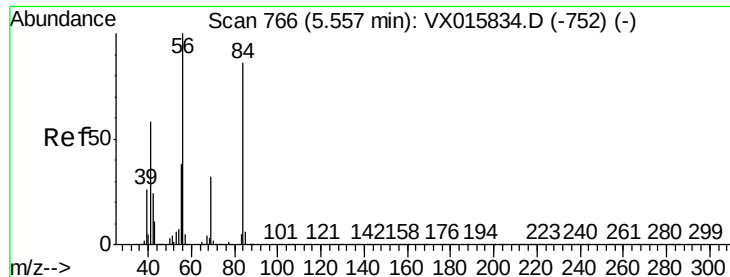
MMDadoda
4/23/2020 12:15:15 PM



#30
Chloroform
Concen: 19.736 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	314536		
85	85	64.4		53.4	80.0





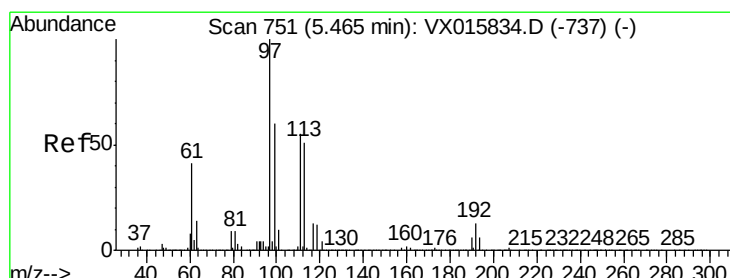
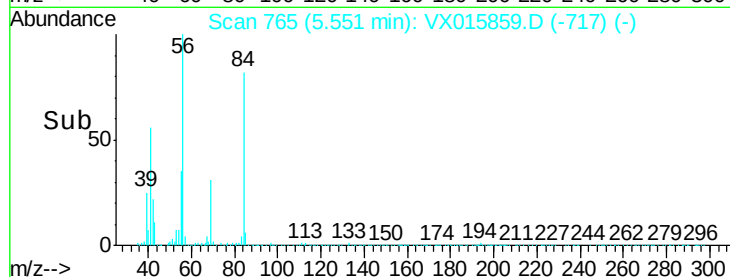
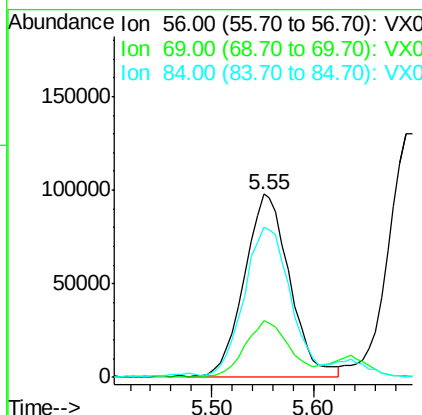
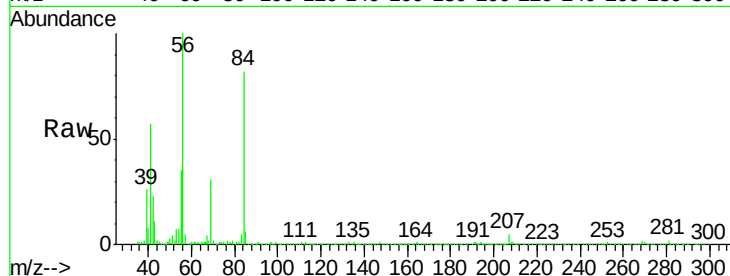
#31
Cyclohexane
Concen: 19.935 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.3	37.9
84	80.5	69.1	103.7

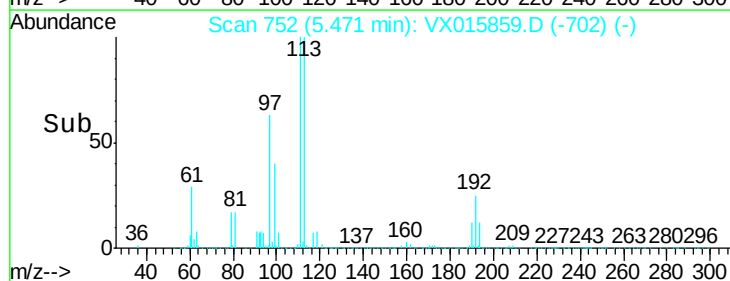
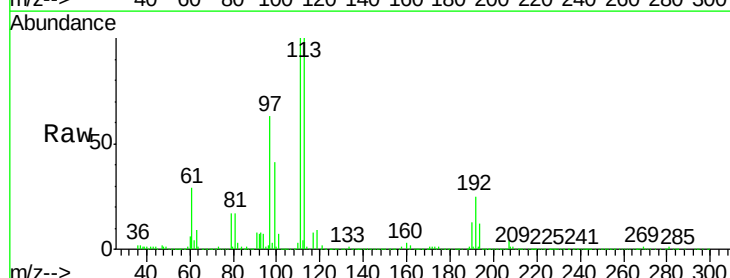
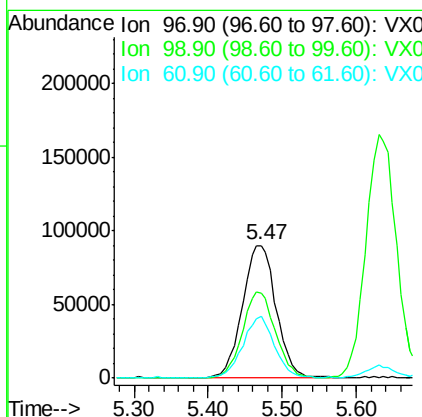
Manual Integrations
APPROVED

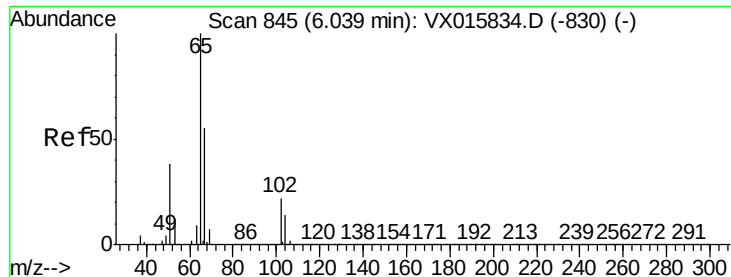
MMDadoda
4/23/2020 12:15:15 PM



#32
1,1,1-Trichloroethane
Concen: 20.187 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.2	76.8
61	43.0	34.1	51.1





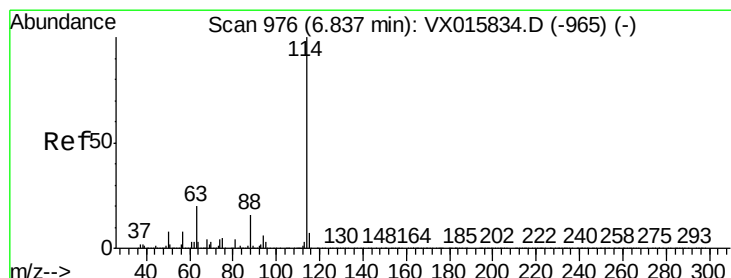
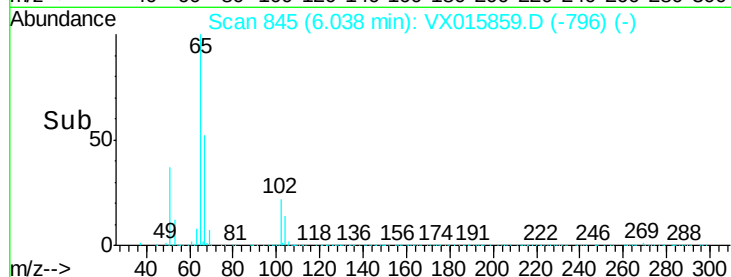
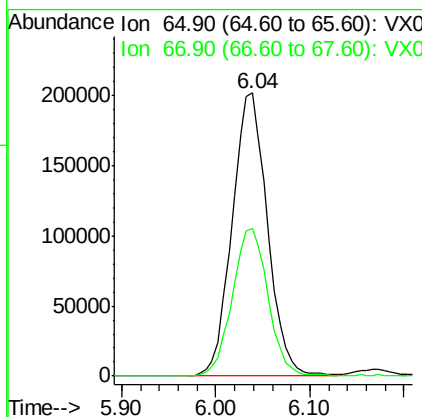
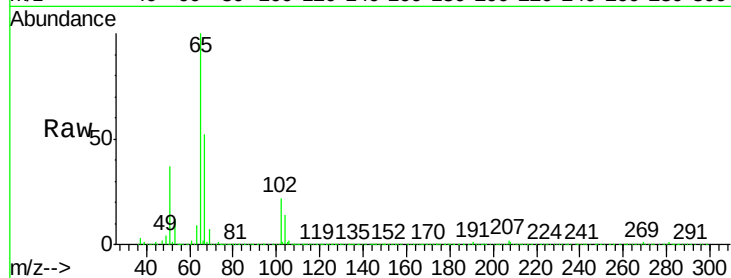
#33
 1,2-Dichloroethane-d4
 Concen: 50.882 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.2

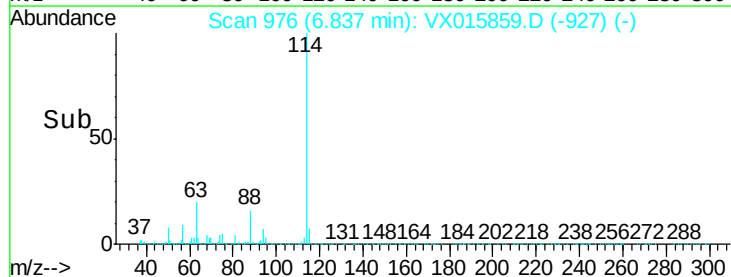
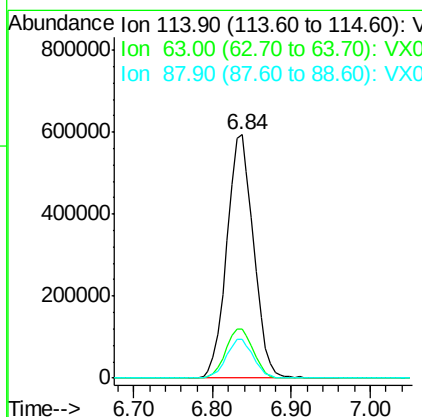
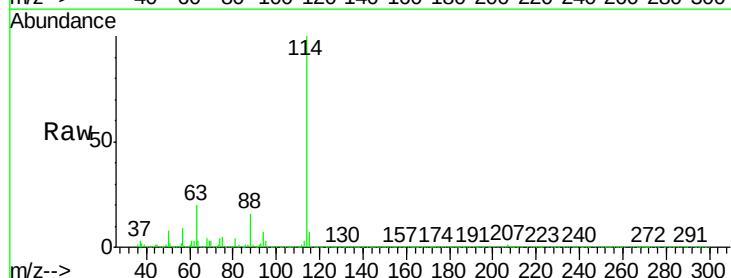
Manual Integrations
 APPROVED

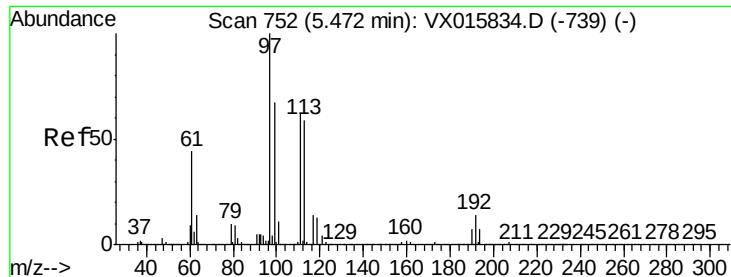
MMDadoda
 4/23/2020 12:15:15 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.6
88	16.0	0.0	32.8





#35

Dibromofluoromethane

Concen: 50.548 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

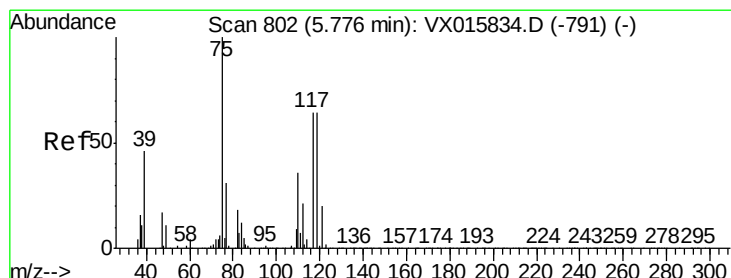
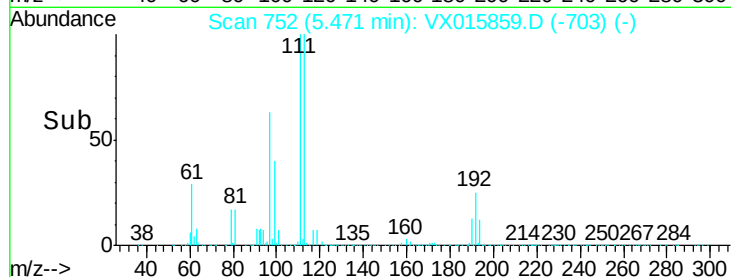
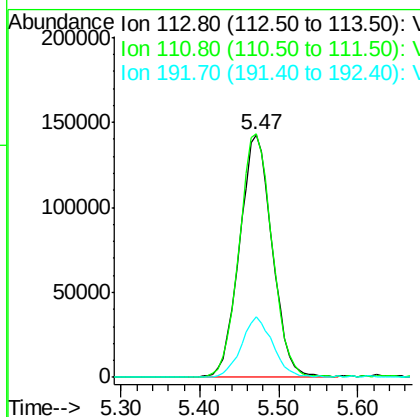
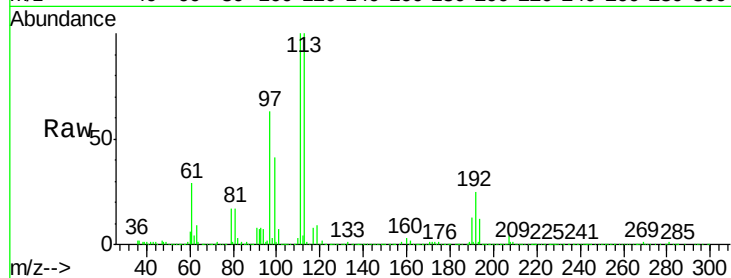
ClientSampleId :

VX0422WBS02

Tot Ion:	113	Resp:	408587
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.7	124.1
192	23.5	19.3	28.9

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#36

1,1-Dichloropropene

Concen: 19.341 ug/l

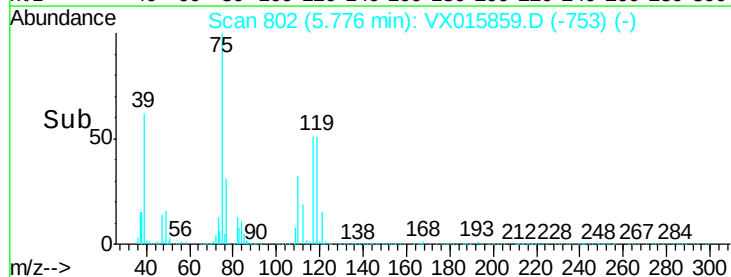
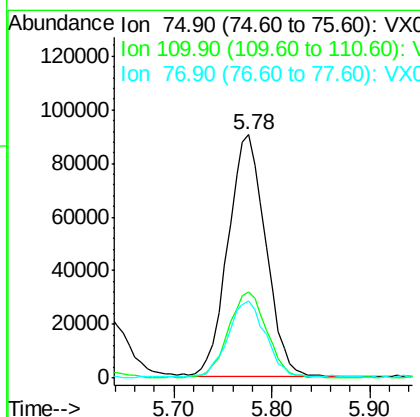
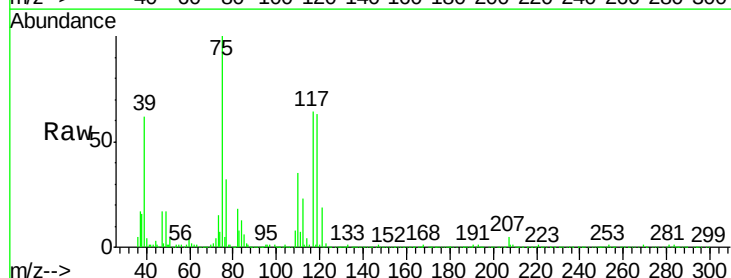
RT: 5.78 min Scan# 802

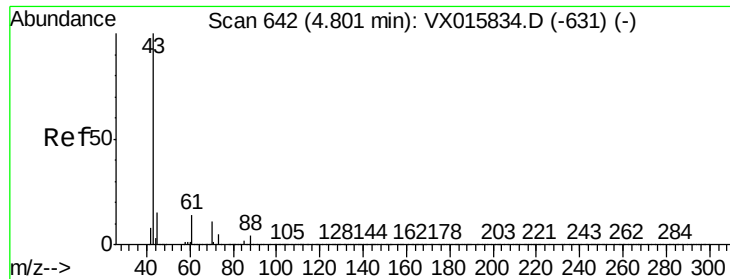
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	75	Resp:	240107
Ion Ratio	Lower	Upper	
75	100		
110	37.0	17.9	53.8
77	31.5	24.5	36.7





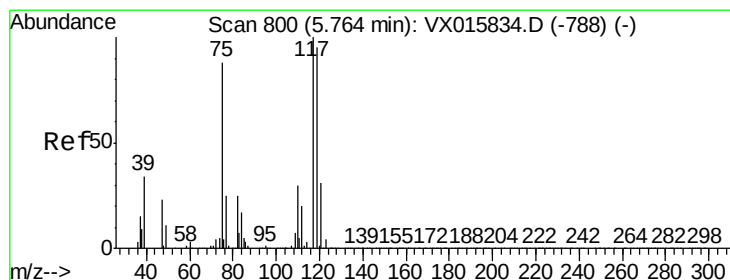
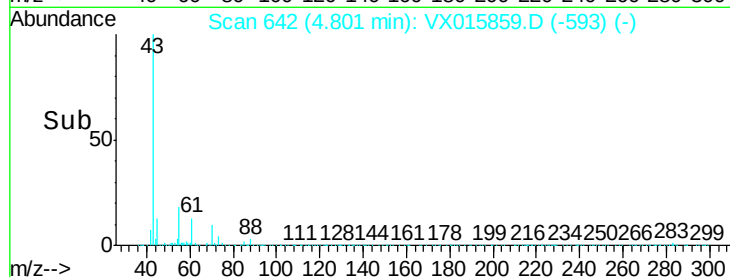
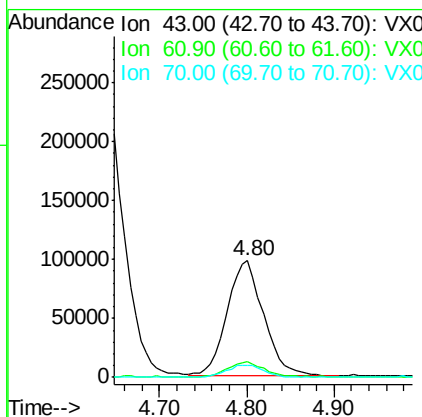
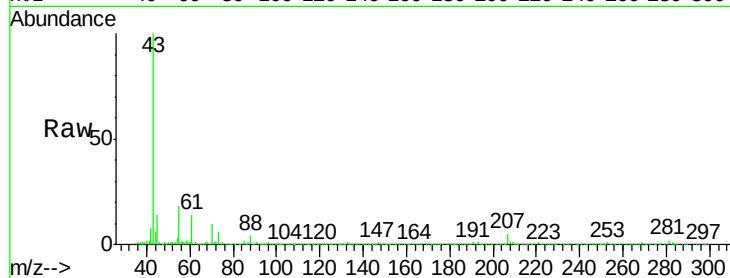
#37
Ethyl Acetate
Concen: 19.063 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	43	Resp	281648
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.8	16.2
70	10.8	8.2	12.2

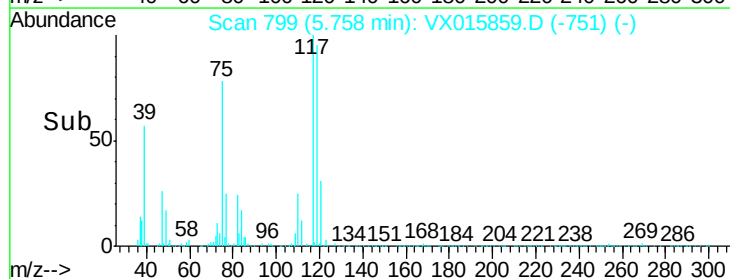
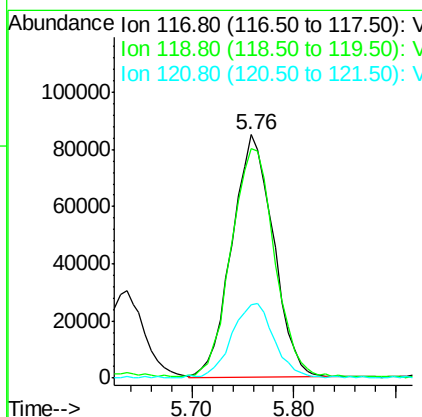
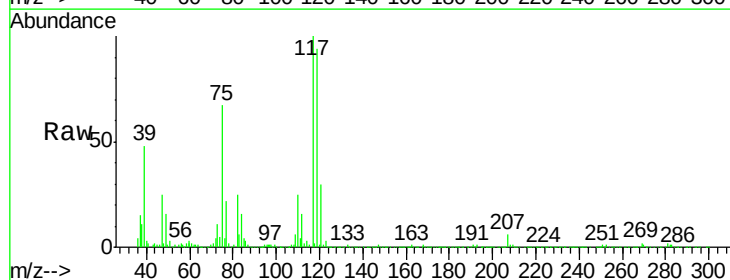
Manual Integrations
APPROVED

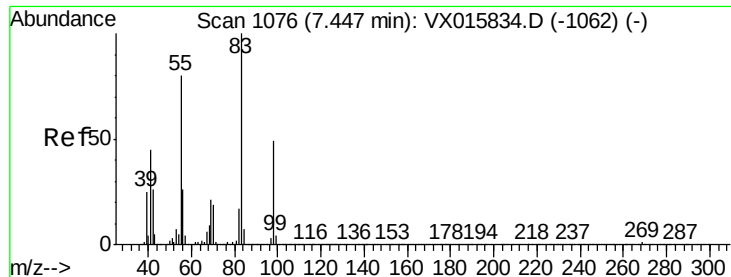
MMDadoda
4/23/2020 12:15:15 PM



#38
Carbon Tetrachloride
Concen: 19.599 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	117	Resp	239660
Ion Ratio	Lower	Upper	
117	100		
119	93.6	75.7	113.5
121	29.3	25.0	37.6





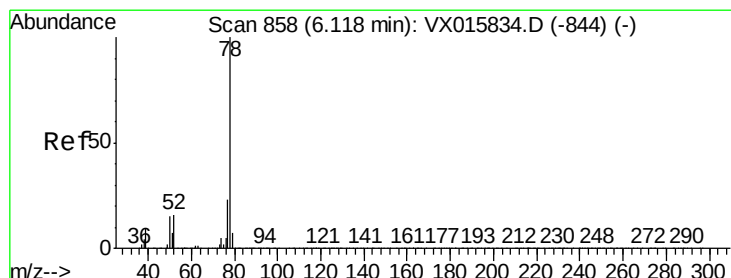
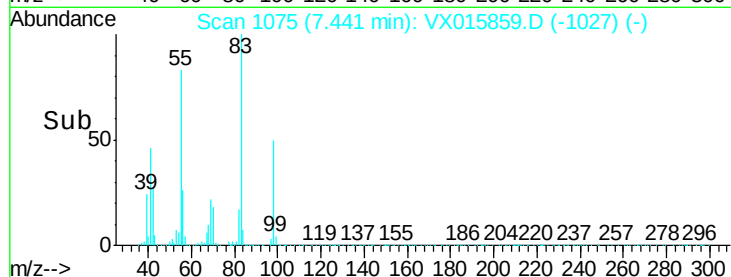
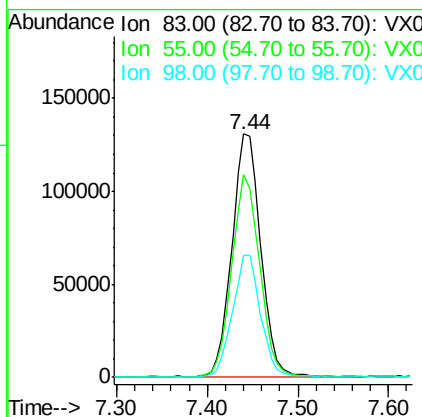
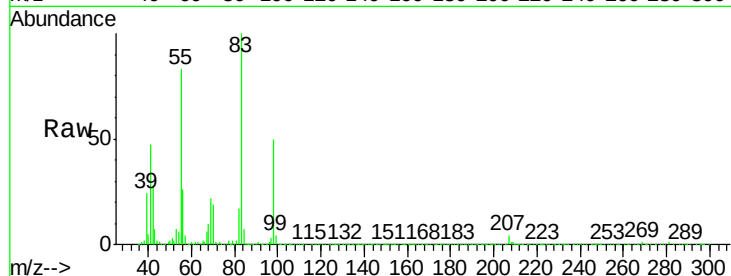
#39
Methylvlcyclohexane
Concen: 18.319 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	287990		
55	83.3		64.2	96.4
98	49.8		39.3	58.9

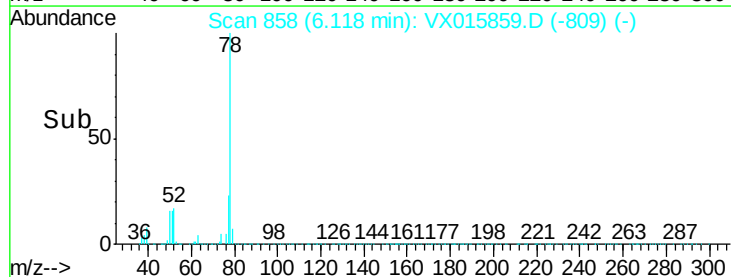
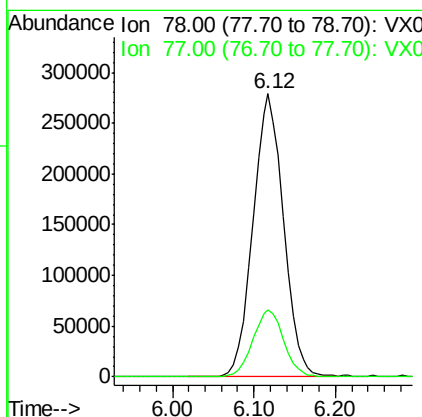
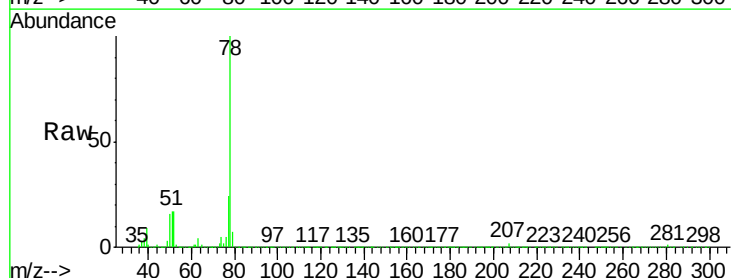
Manual Integrations
APPROVED

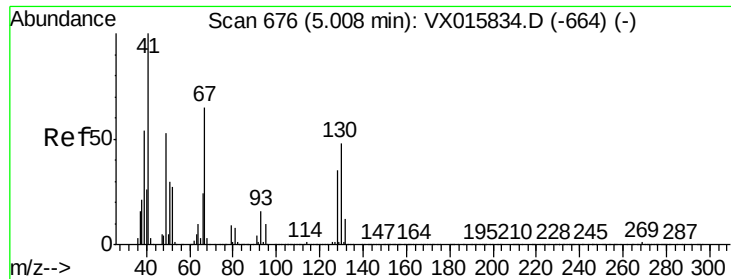
MMDadoda
4/23/2020 12:15:15 PM



#40
Benzene
Concen: 19.364 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	724020		
77	23.6		18.6	27.8





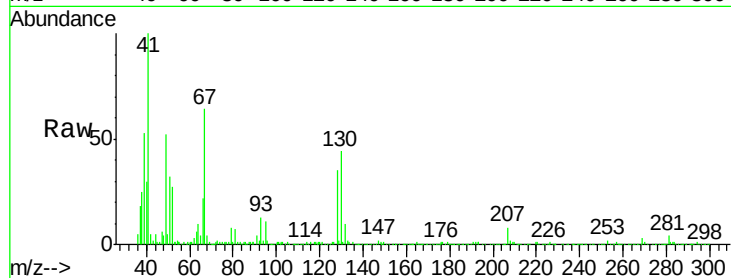
#41
Methacrylonitrile
Concen: 19.547 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

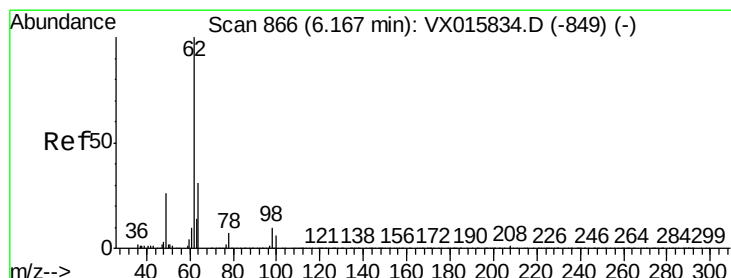
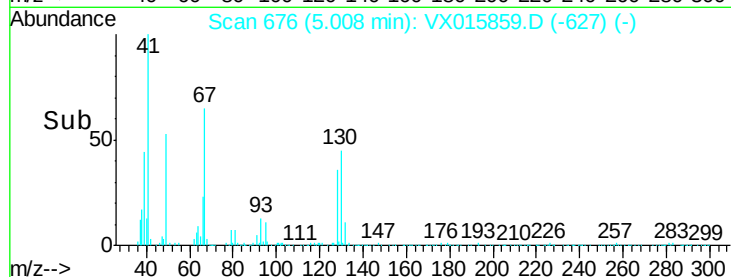
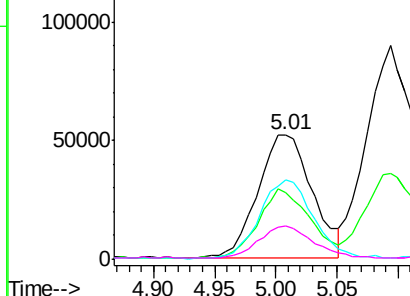
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		160478		
39	54.2	42.4	63.6		
67	65.7	51.9	77.9		
52	26.1	21.0	31.4		

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM

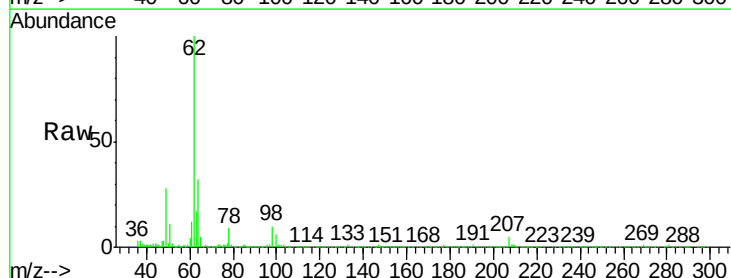


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

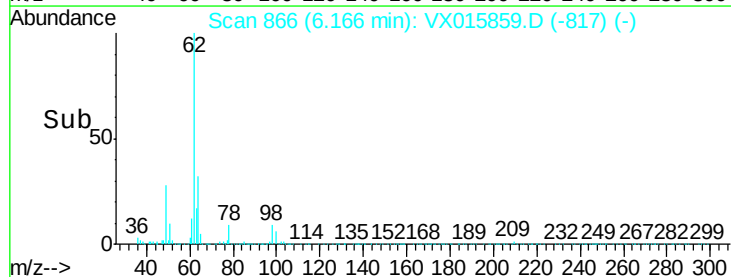
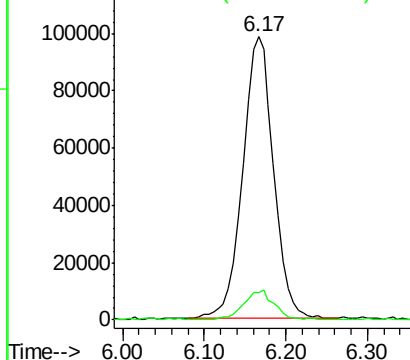


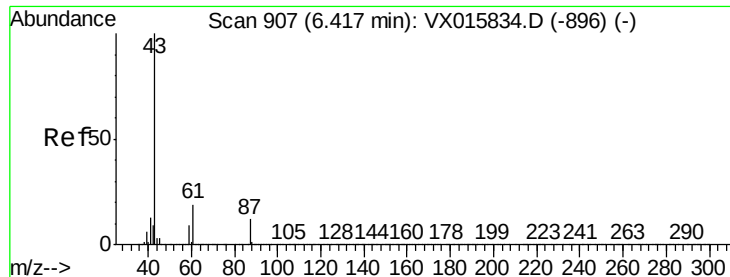
#42
1,2-Dichloroethane
Concen: 19.197 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		258464		
98	10.3	0.0	20.0		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.957 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

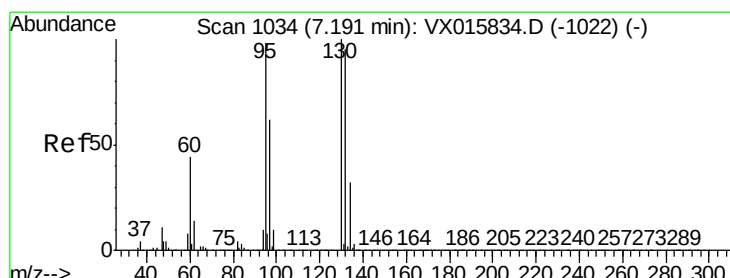
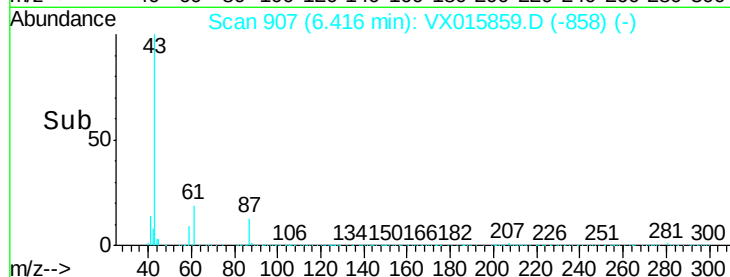
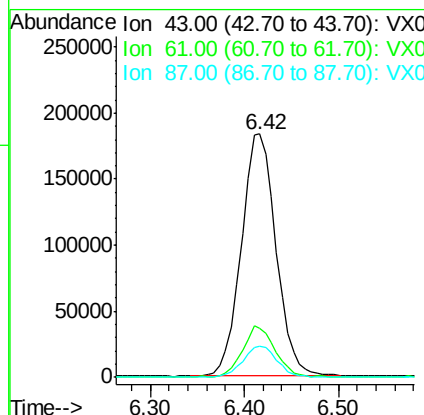
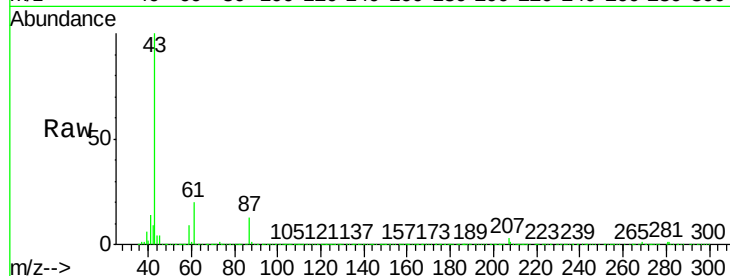
ClientSampleId :

VX0422WBS02

Tot Ion:	43	Resp:	472444
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.2
87	12.4	9.8	14.6

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#44

Trichloroethene

Concen: 19.364 ug/l

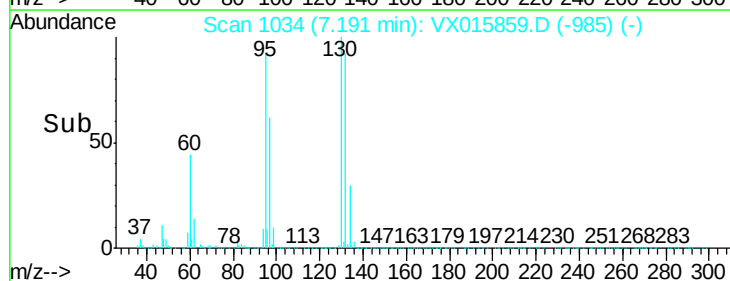
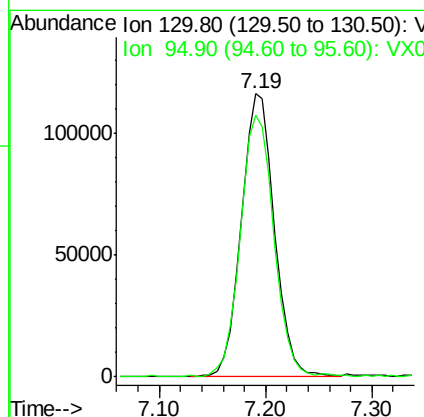
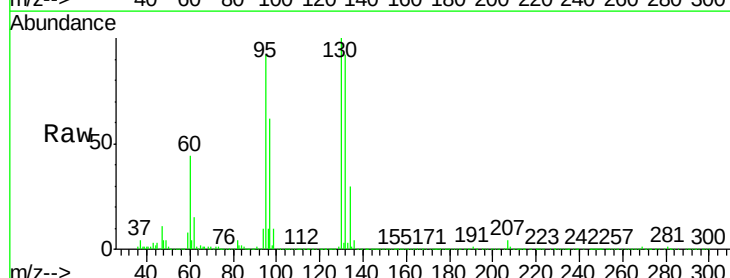
RT: 7.19 min Scan# 1034

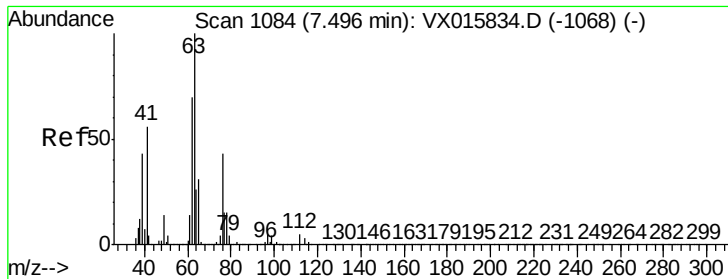
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	130	Resp:	254441
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	195.8





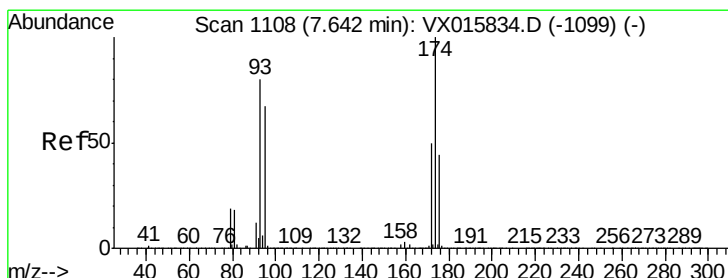
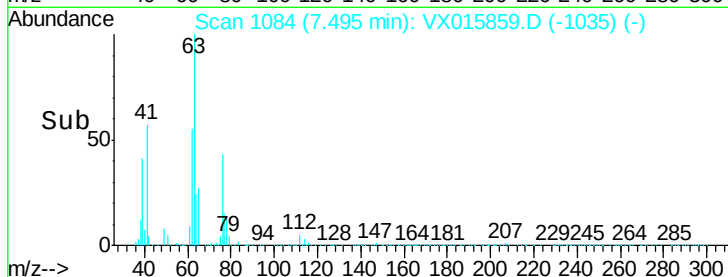
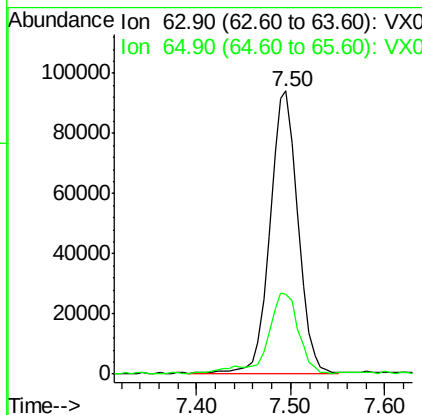
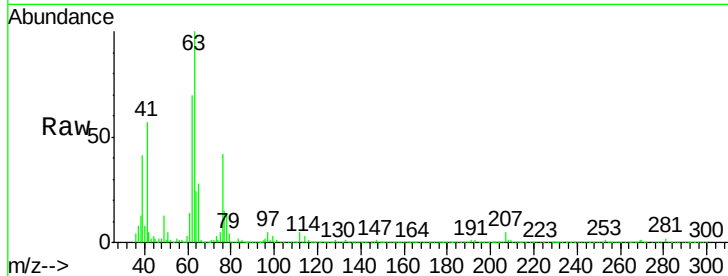
#45
 1,2-Dichloropropane
 Concen: 19.955 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.1	24.5	36.7

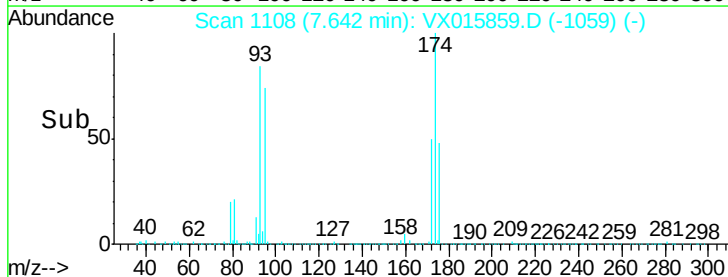
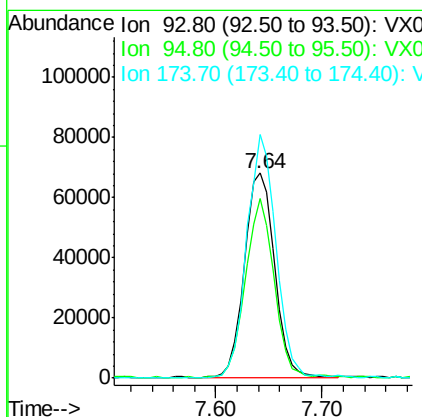
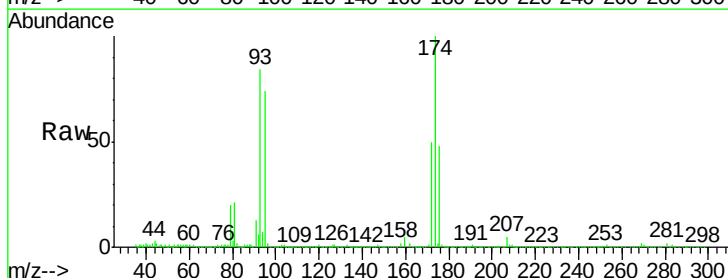
Manual Integrations
 APPROVED

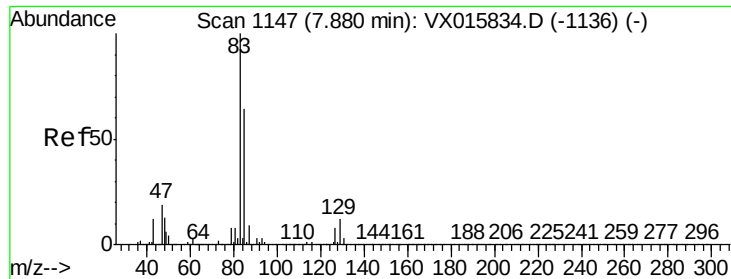
MMDadoda
 4/23/2020 12:15:15 PM



#46
 Dibromomethane
 Concen: 19.149 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.8	98.8
174	113.9	95.6	143.4





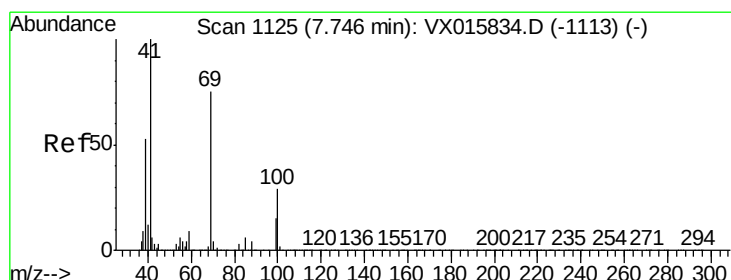
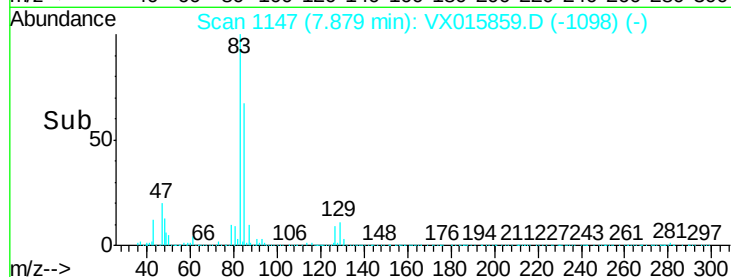
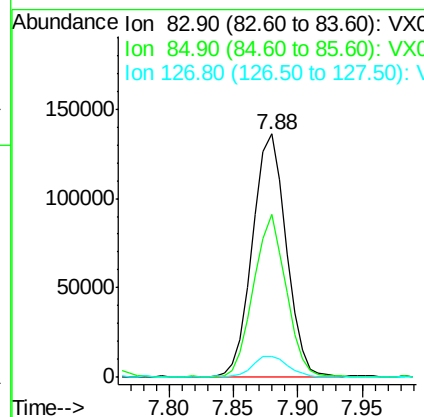
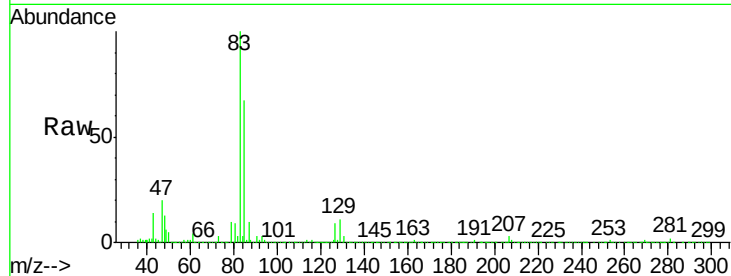
#47
Bromodichloromethane
Concen: 19.439 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	247361		
85	66.6	50.8	76.2	
127	8.7	6.6	10.0	

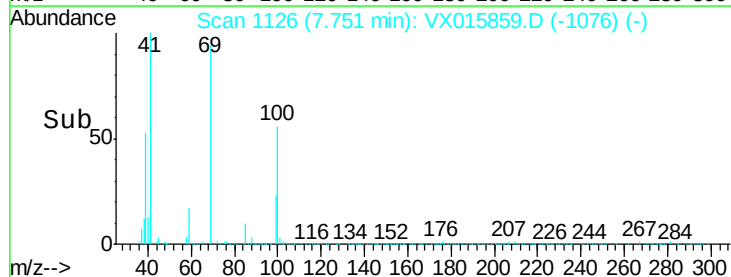
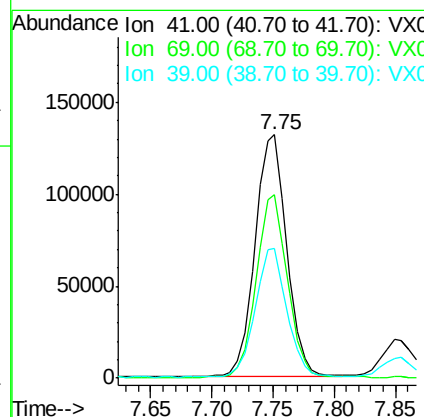
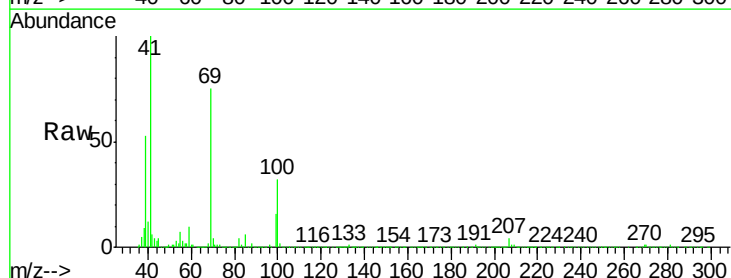
Manual Integrations
APPROVED

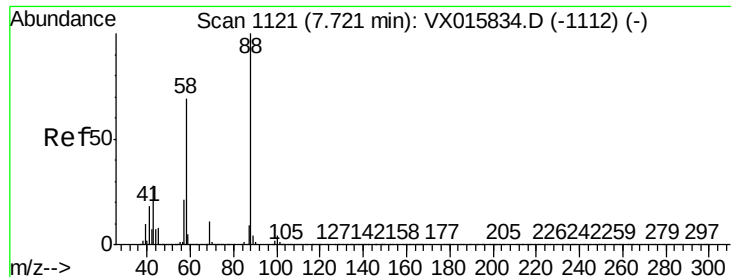
MMDadoda
4/23/2020 12:15:15 PM



#48
Methyl methacrylate
Concen: 19.476 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	238756		
69	74.5	60.5	90.7	
39	52.9	42.1	63.1	





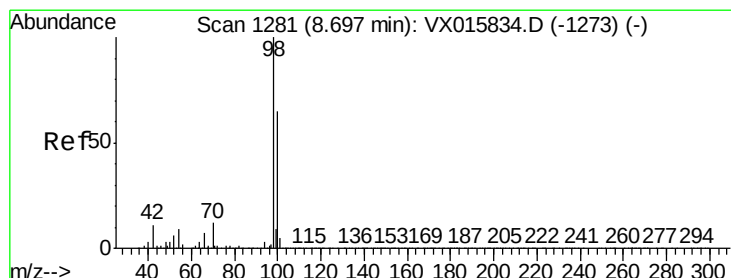
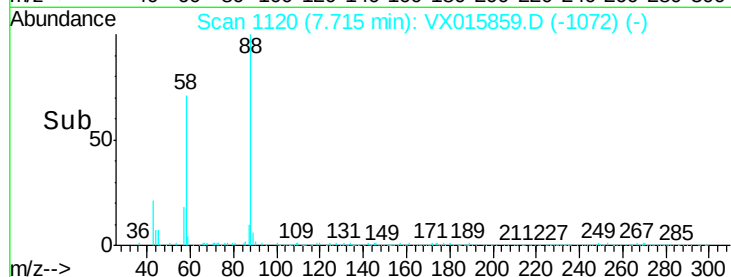
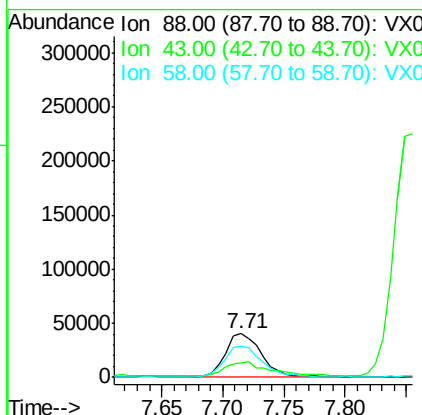
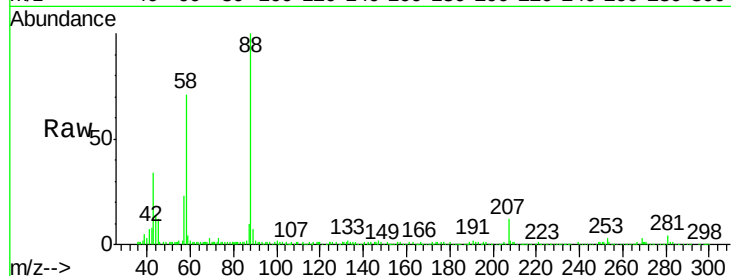
#49
1,4-Dioxane
Concen: 345.207 ug/l
RT: 7.71 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	28.2	42.4
58	75.1	58.9	88.3

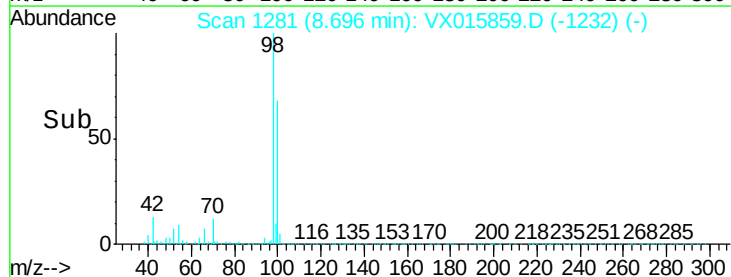
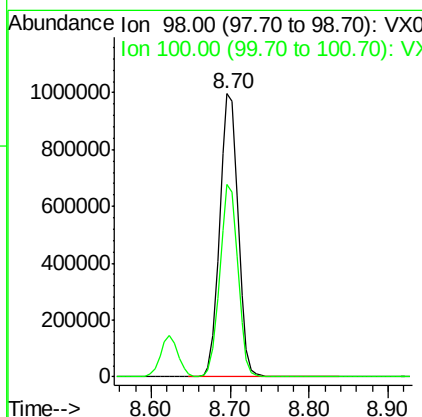
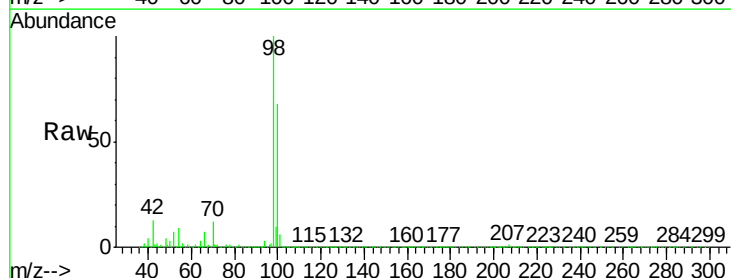
Manual Integrations
APPROVED

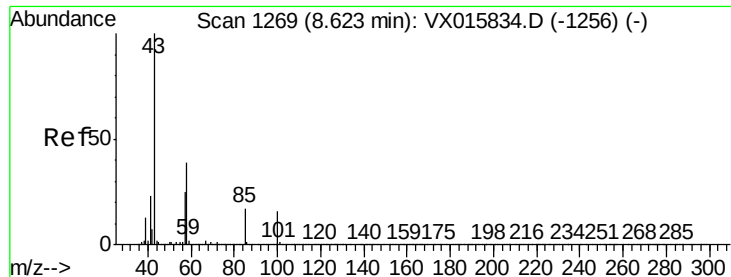
MMDadoda
4/23/2020 12:15:15 PM



#50
Toluene-d8
Concen: 49.721 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 98.381 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 43 Resp: 1415257

Ion Ratio Lower Upper

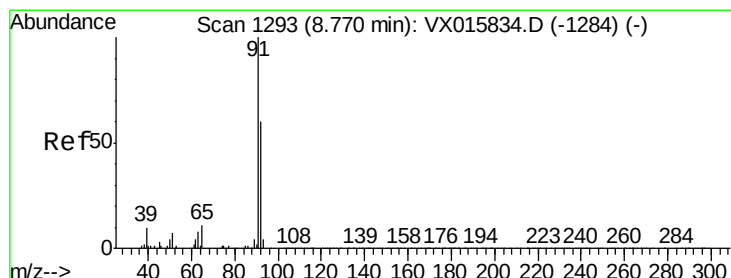
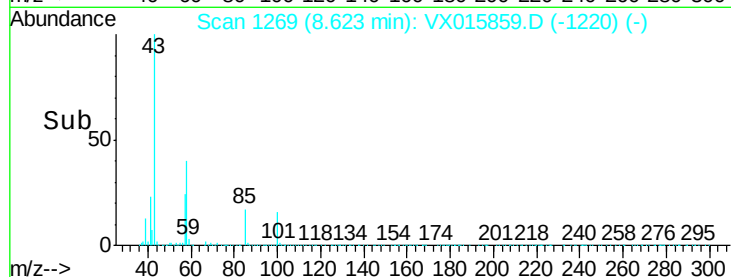
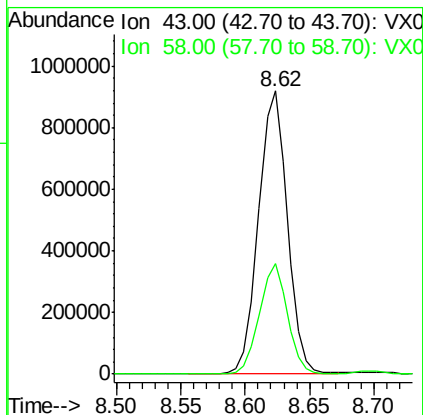
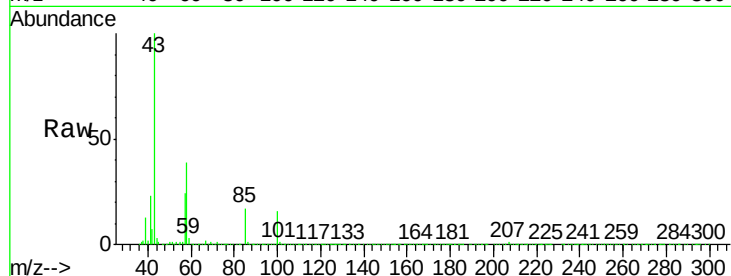
43 100

58 37.9 30.6 45.8

Manual Integrations
APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#52

Toluene

Concen: 19.279 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015859.D

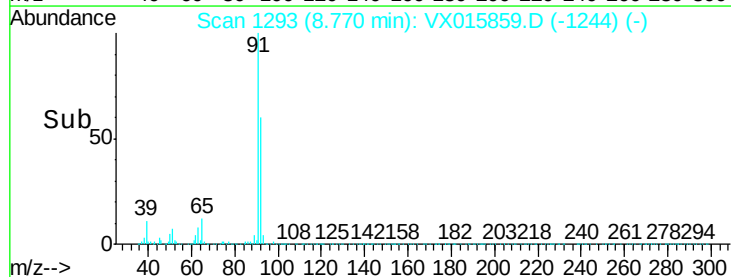
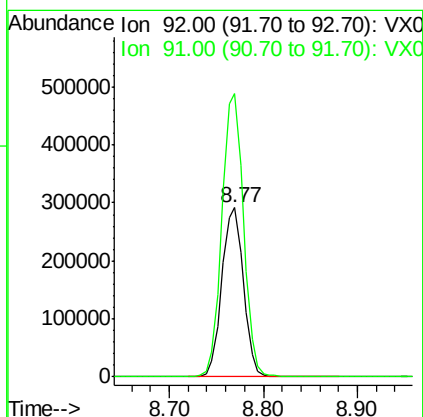
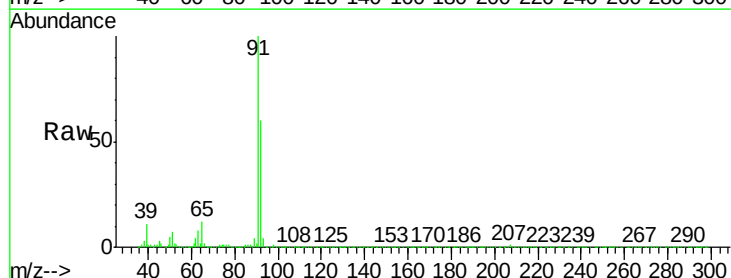
Acq: 22 Apr 2020 23:25

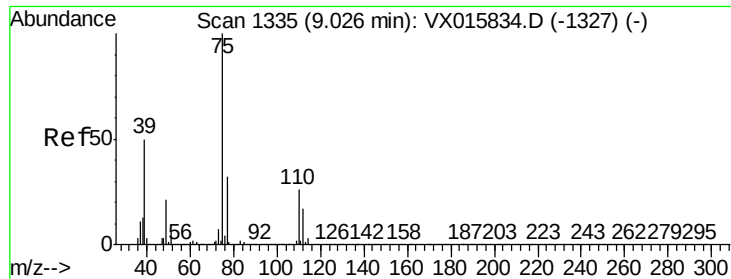
Tgt Ion: 92 Resp: 462053

Ion Ratio Lower Upper

92 100

91 167.6 133.4 200.0





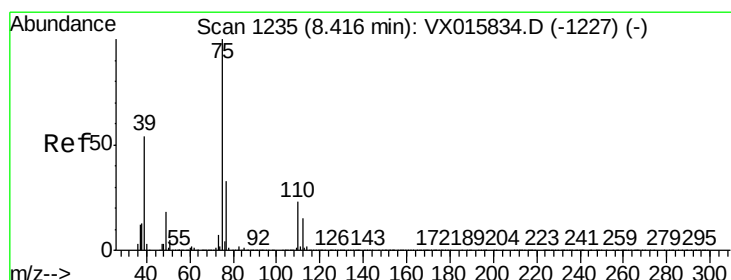
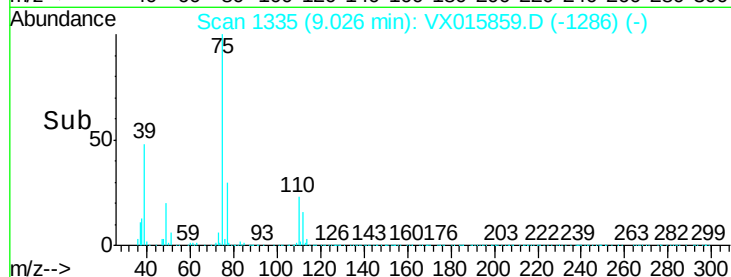
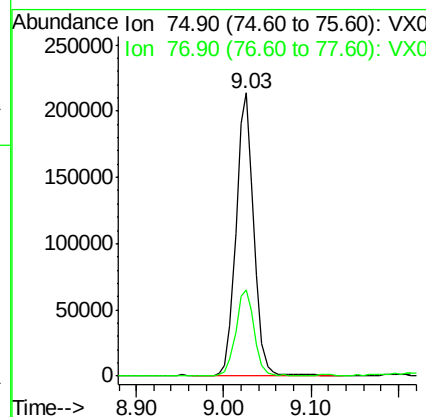
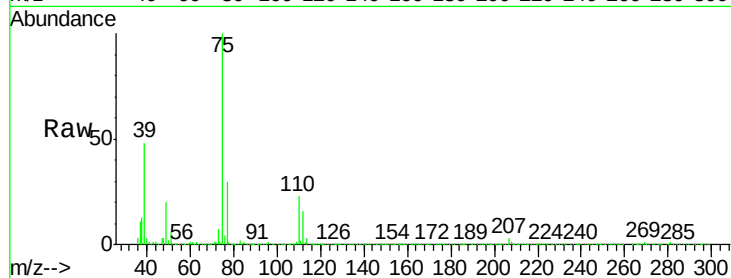
#53
t-1,3-Dichloropropene
Concen: 19.051 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.9	38.9

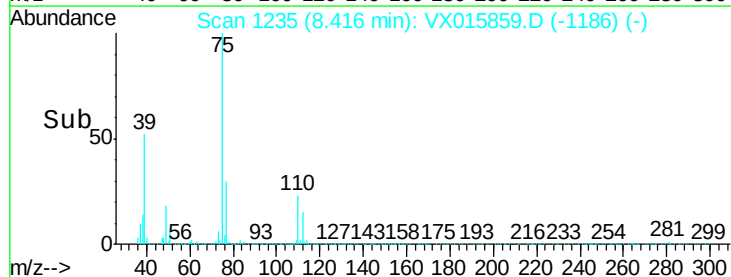
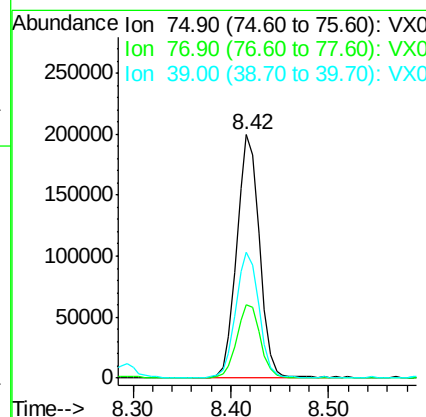
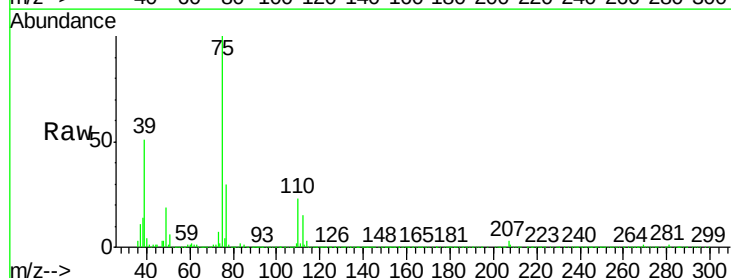
Manual Integrations
APPROVED

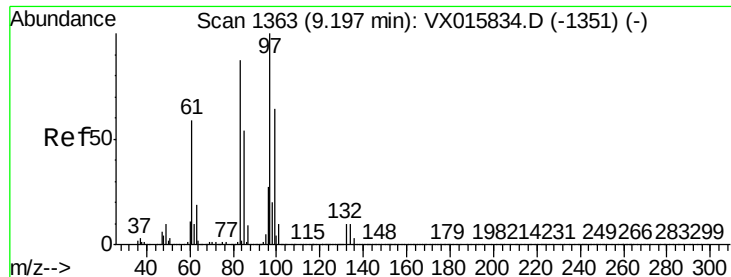
MMDadoda
4/23/2020 12:15:15 PM



#54
cis-1,3-Dichloropropene
Concen: 19.225 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.0	39.0
39	51.3	42.8	64.2





#55

1,1,2-Trichloroethane

Concen: 19.942 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

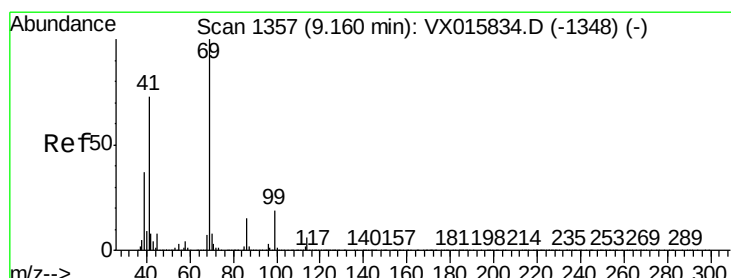
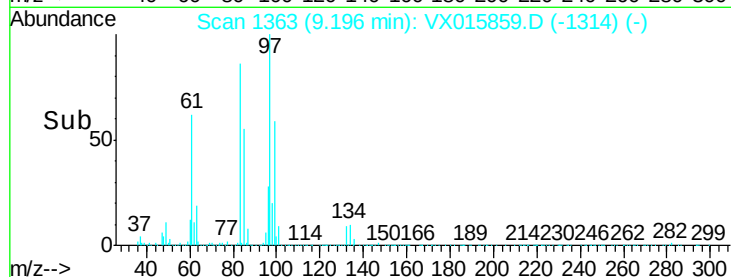
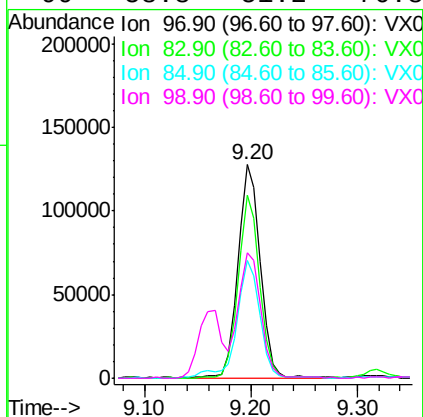
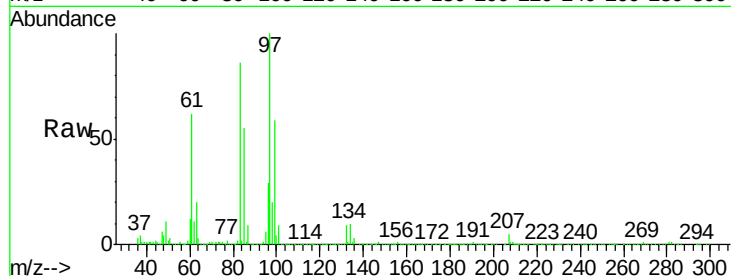
ClientSampleId :

VX0422WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		186627		
83	85.8	69.8	104.8		
85	55.3	43.4	65.2		
99	58.8	51.2	76.8		

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#56

Ethyl methacrylate

Concen: 18.950 ug/l

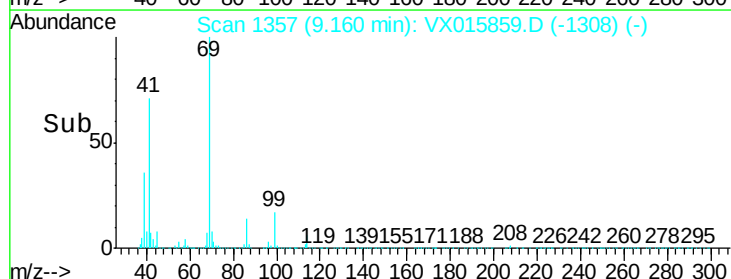
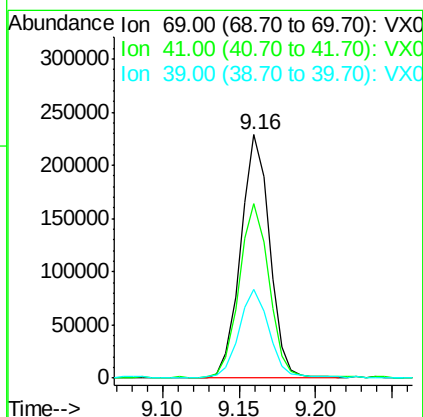
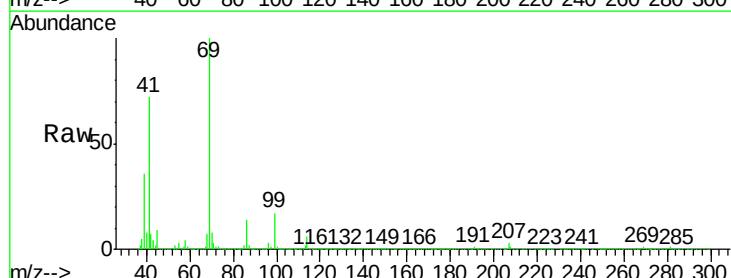
RT: 9.16 min Scan# 1357

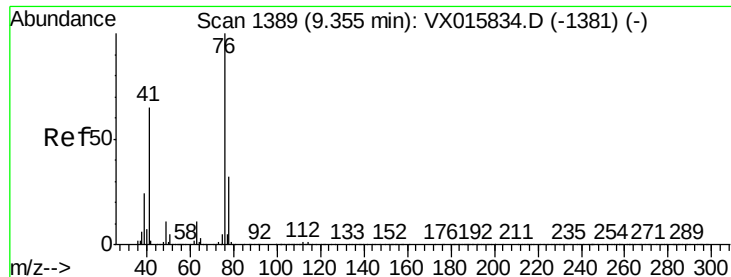
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		300391		
41	73.4	57.4	86.2		
39	37.6	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 19.687 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 76 Resp: 320149

Ion Ratio Lower Upper

76 100

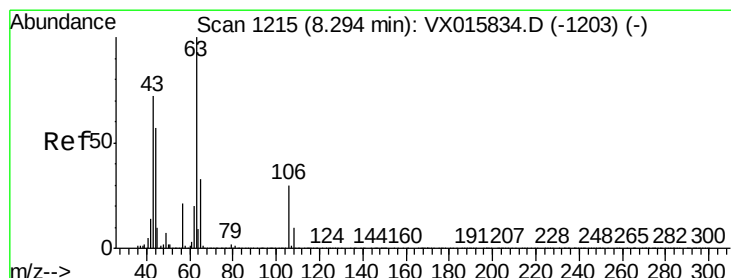
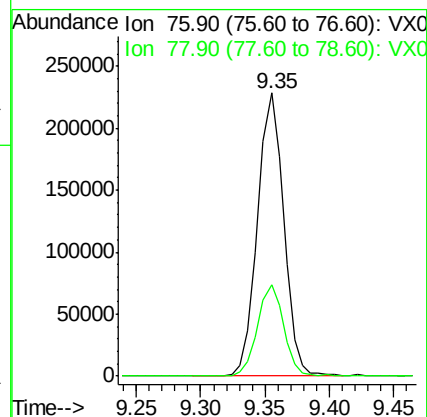
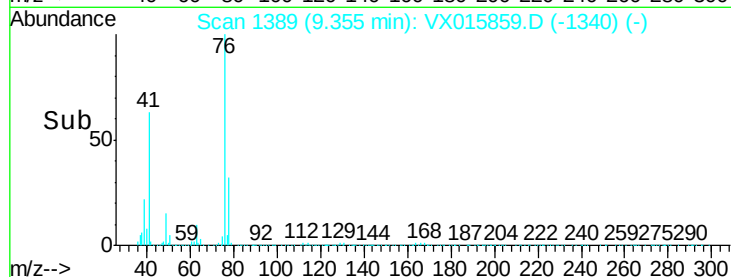
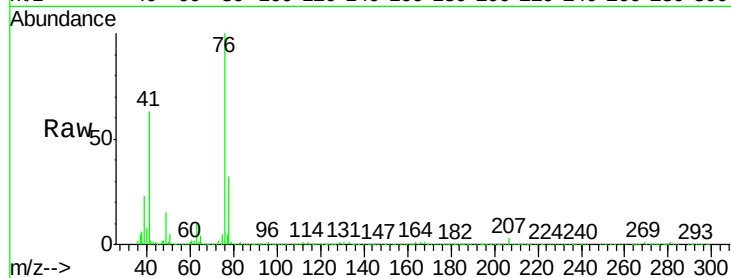
78 32.1 25.4 38.2

Manual Integrations

APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#58

2-Chloroethyl Vinyl ether

Concen: 96.713 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015859.D

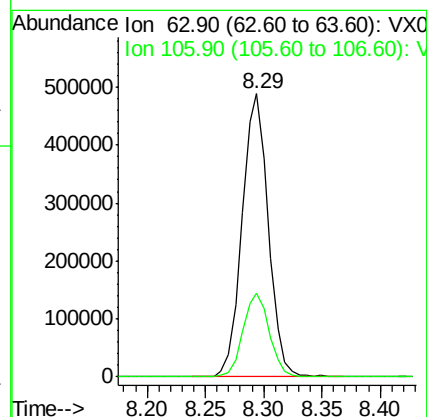
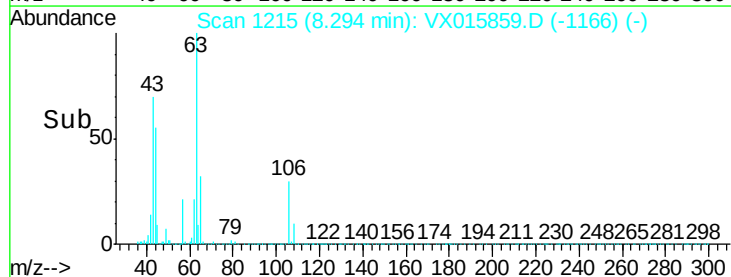
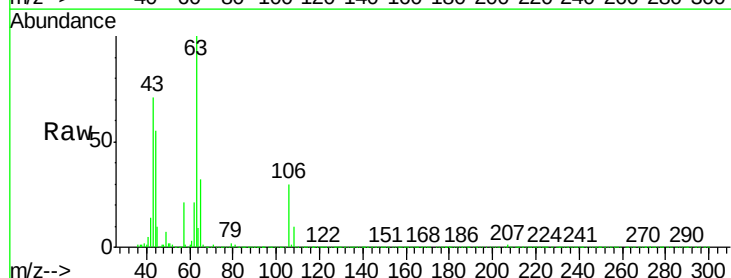
Acq: 22 Apr 2020 23:25

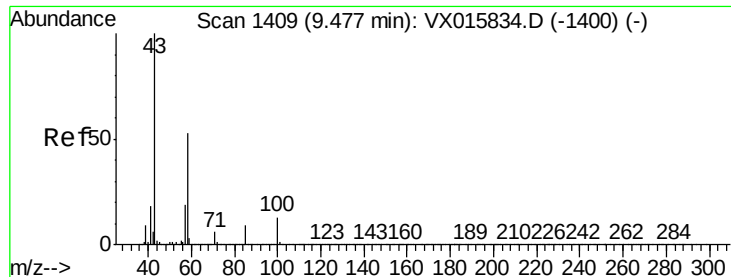
Tgt Ion: 63 Resp: 765842

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.8





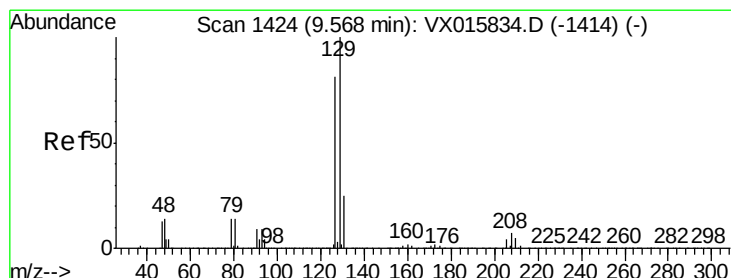
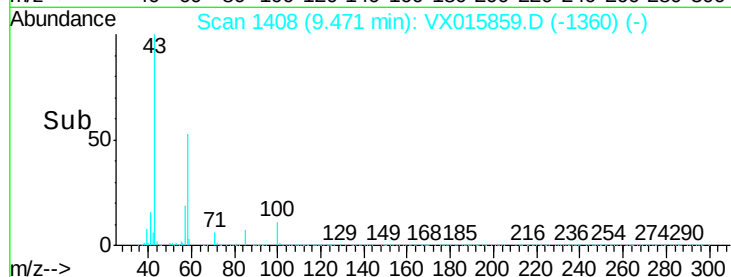
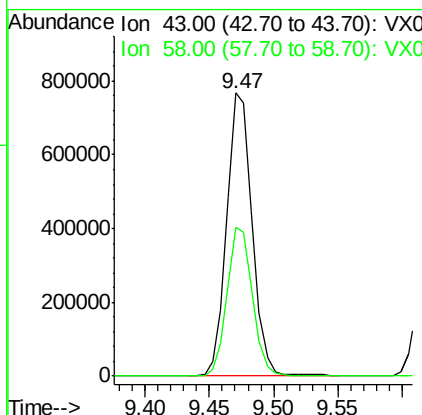
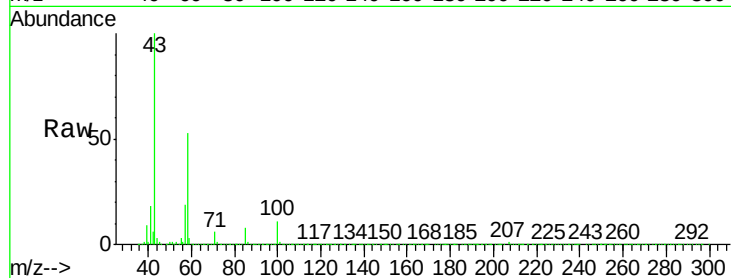
#59
2-Hexanone
Concen: 97.184 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampled :
VX0422WBS02

Tot Ion: 43 Resp: 1065039
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.4

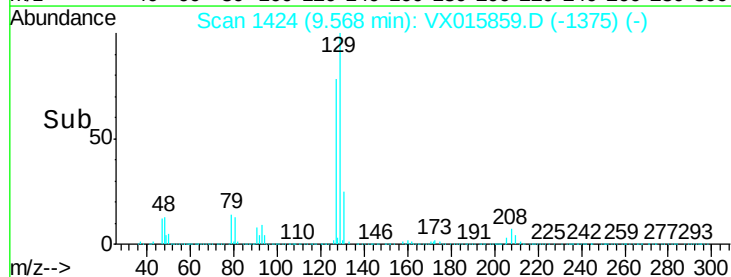
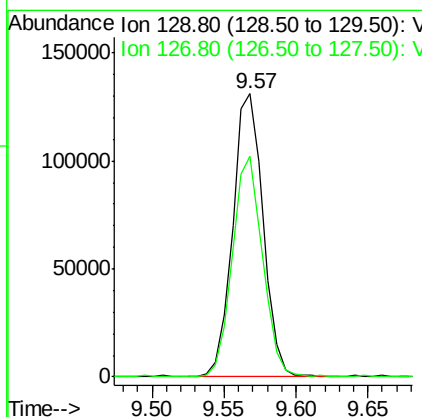
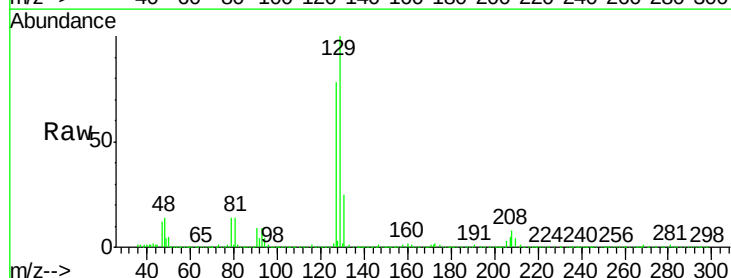
Manual Integrations
APPROVED

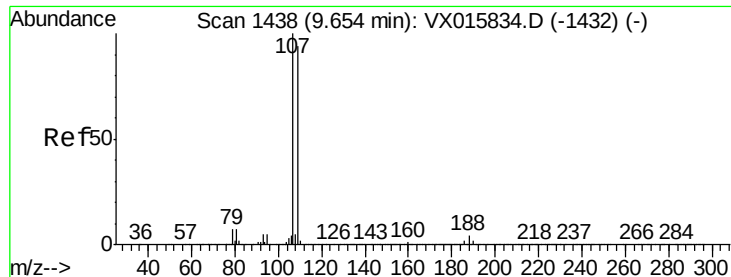
MMDadoda
4/23/2020 12:15:15 PM



#60
Dibromochloromethane
Concen: 19.957 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 129 Resp: 192875
Ion Ratio Lower Upper
129 100
127 77.6 40.0 120.0





#61

1,2-Dibromoethane

Concen: 19.016 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 107 Resp: 196682

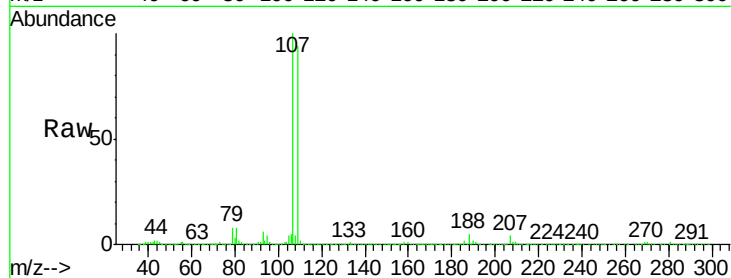
Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.0

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

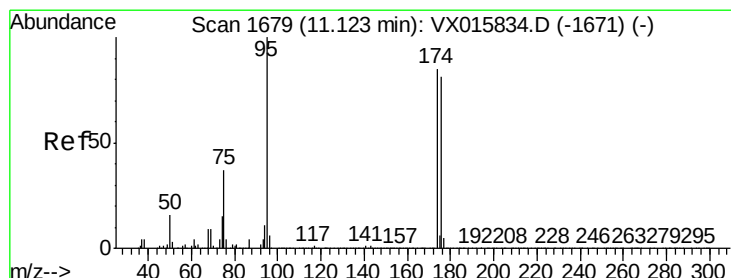
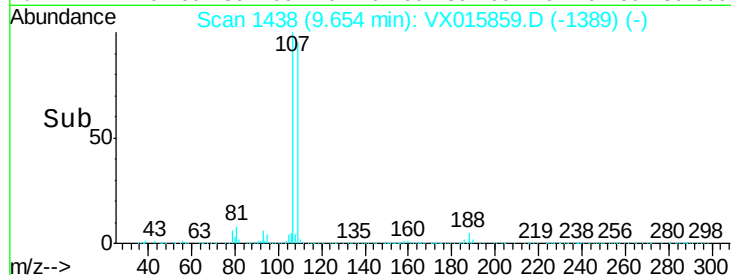
100000

50000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.334 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

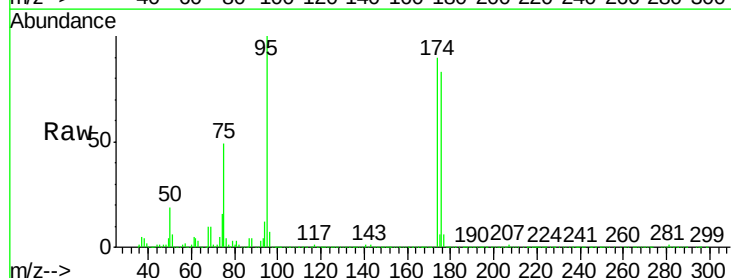
Tgt Ion: 95 Resp: 618500

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.4

176 83.9 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

600000

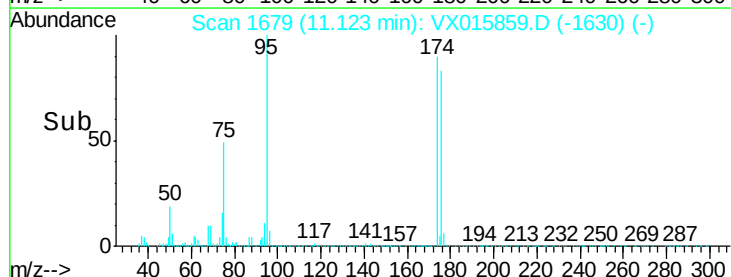
400000

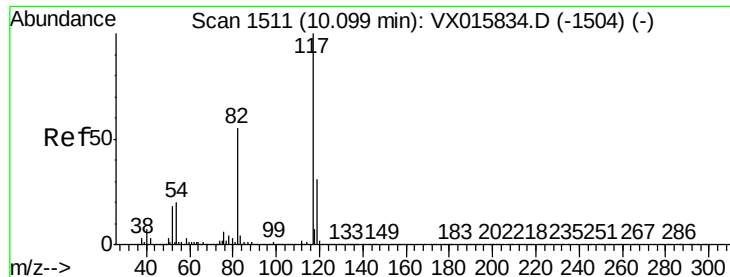
200000

0

11.05 11.10 11.15 11.20

Time-->





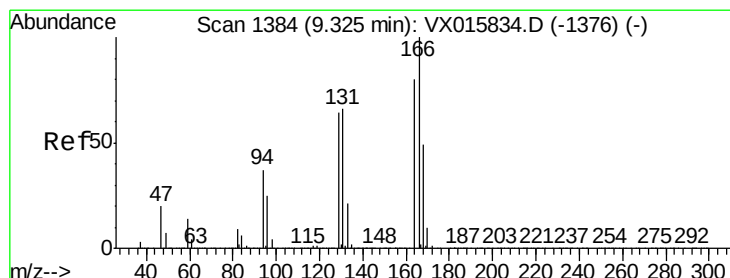
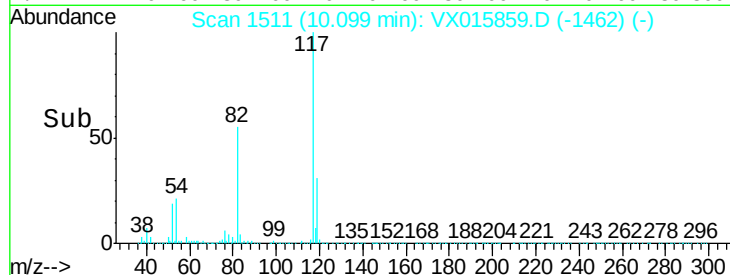
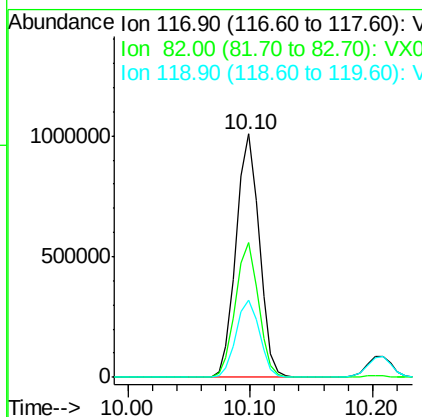
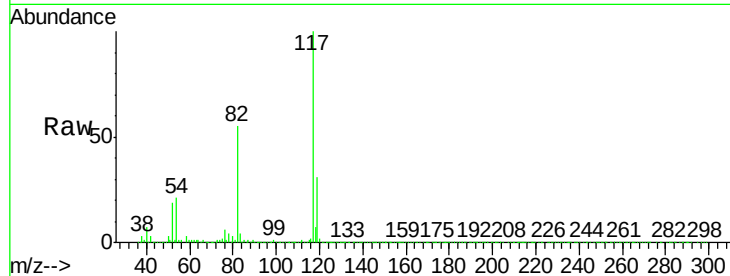
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.9	65.9
119	31.4	25.1	37.7

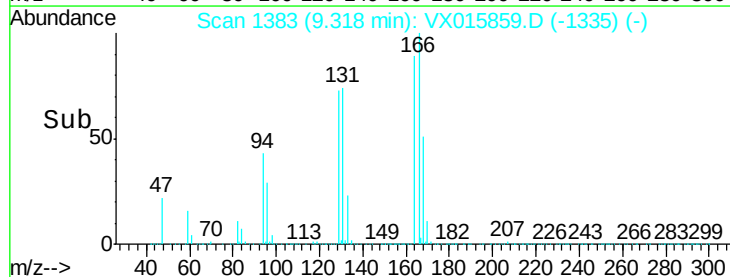
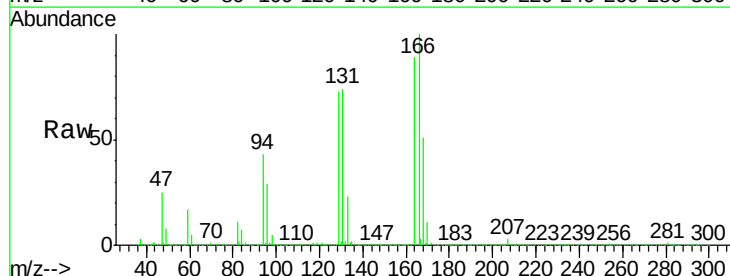
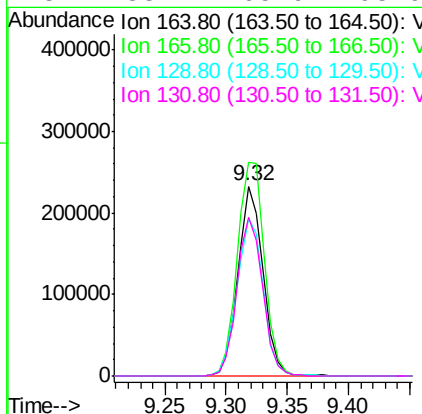
Manual Integrations
APPROVED

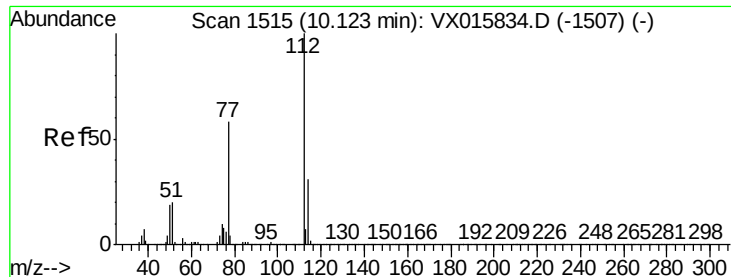
MMDadoda
4/23/2020 12:15:15 PM



#64
Tetrachloroethene
Concen: 18.315 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	112.6	100.2	150.2
129	82.6	64.5	96.7
131	83.7	65.9	98.9





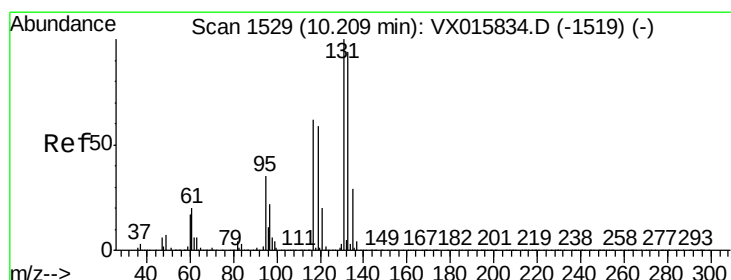
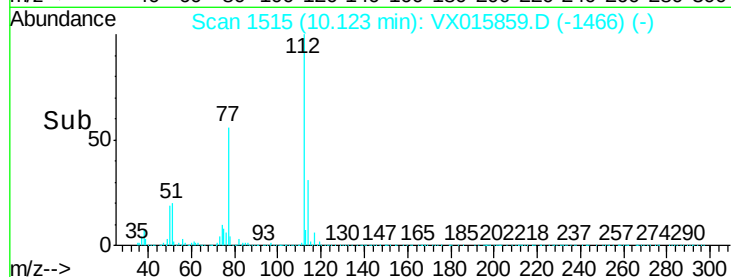
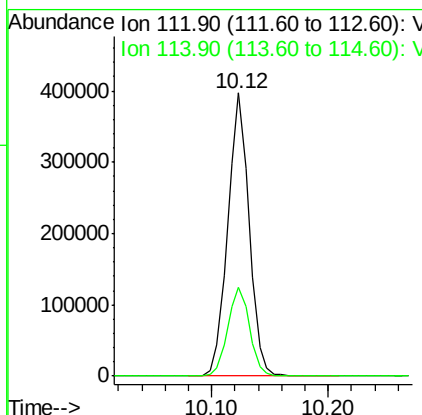
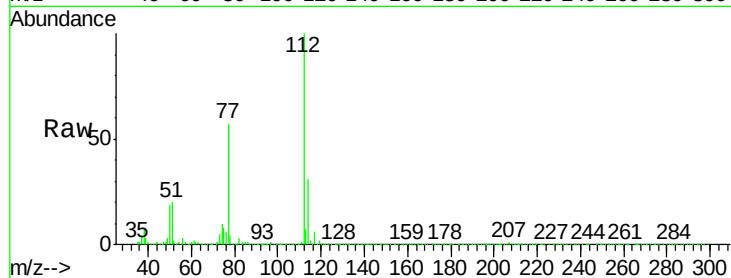
#65
Chlorobenzene
Concen: 19.038 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	503654		
114	31.3	25.0	37.4	

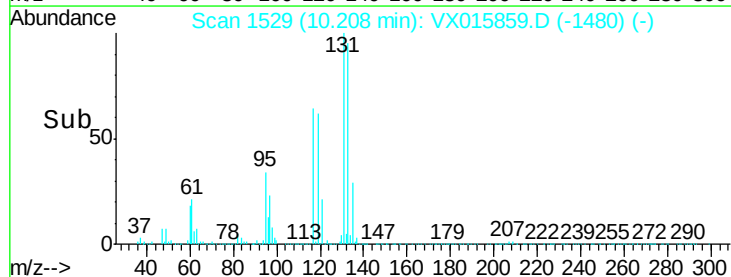
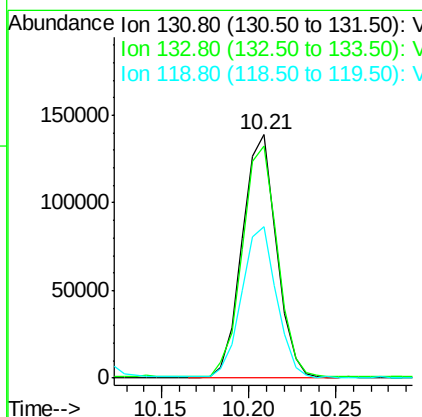
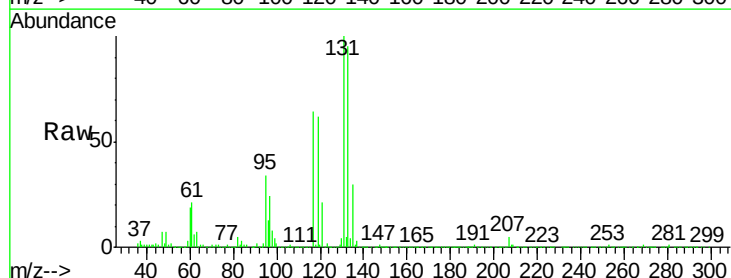
Manual Integrations
APPROVED

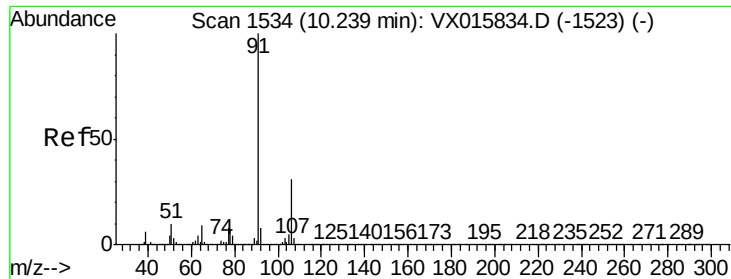
MMDadoda
4/23/2020 12:15:15 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.175 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	189618		
133	97.3	47.0	141.2	
119	62.6	30.9	92.8	





#67

Ethyl Benzene

Concen: 19.374 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 91 Resp: 900039

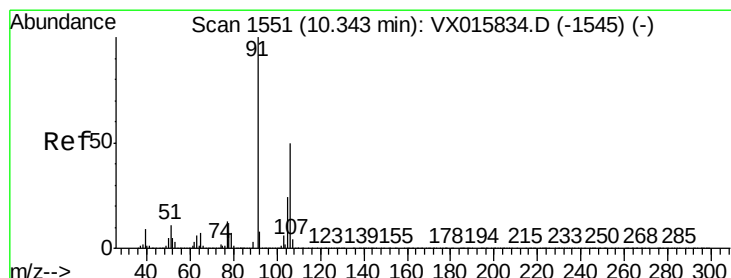
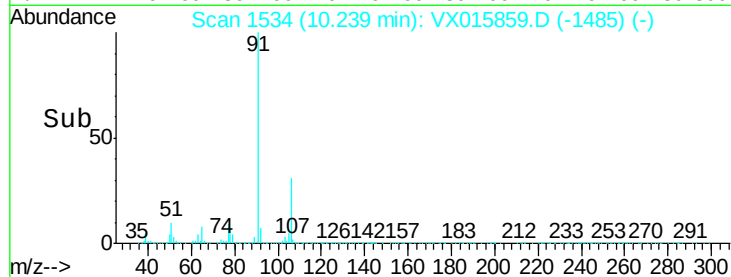
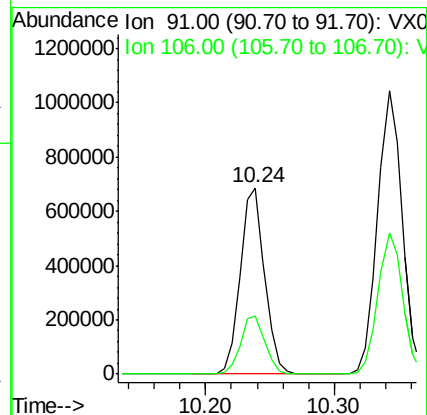
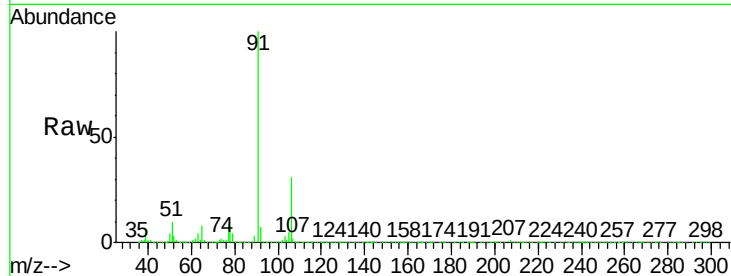
Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#68

m/p-Xylenes

Concen: 39.226 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015859.D

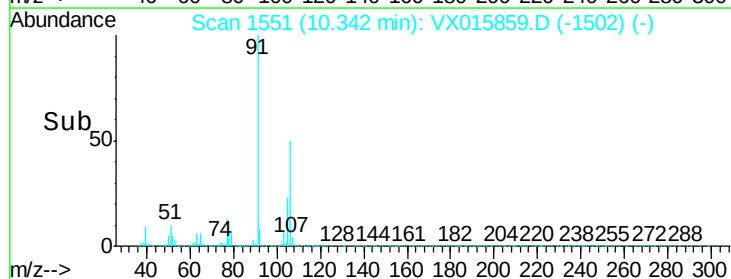
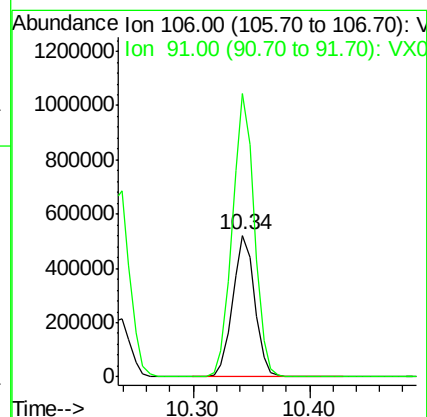
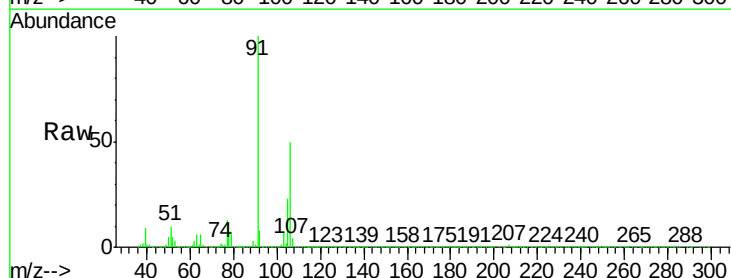
Acq: 22 Apr 2020 23:25

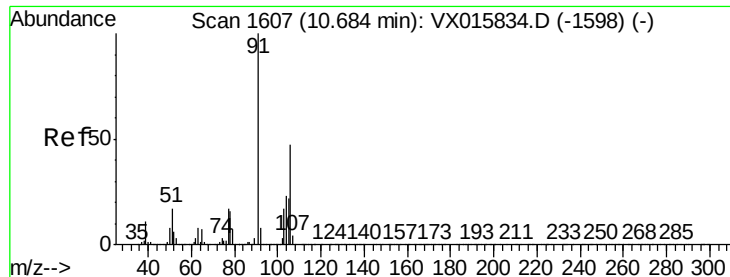
Tgt Ion: 106 Resp: 684017

Ion Ratio Lower Upper

106 100

91 199.9 161.1 241.7





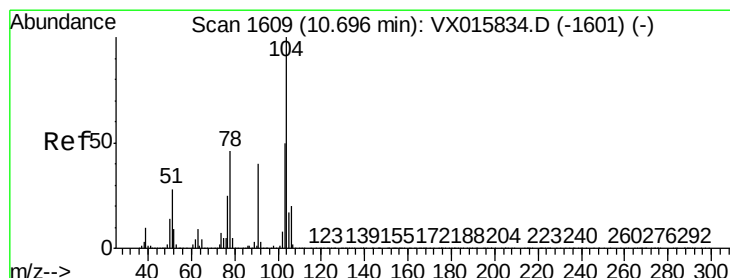
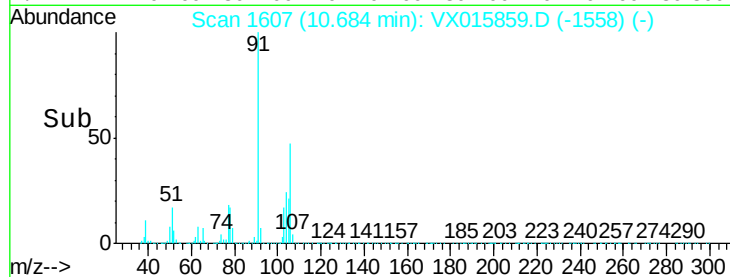
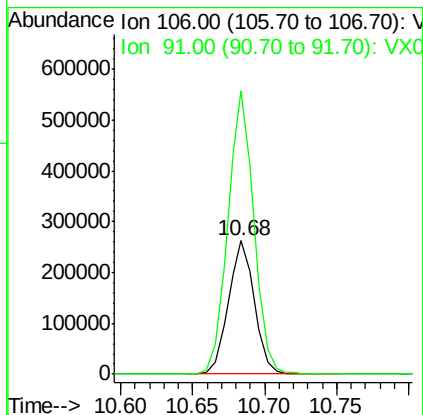
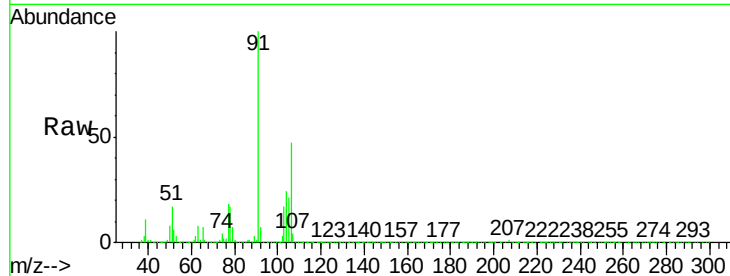
#69
o-Xylene
Concen: 19.272 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	212.5	107.1	321.3	

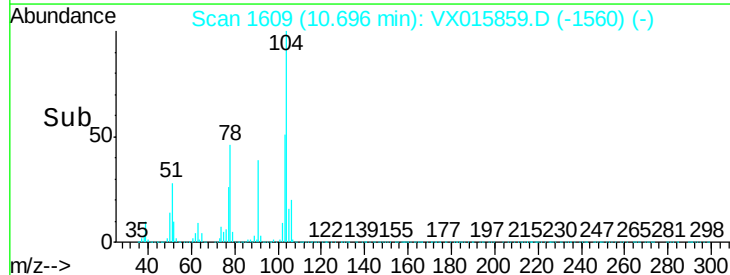
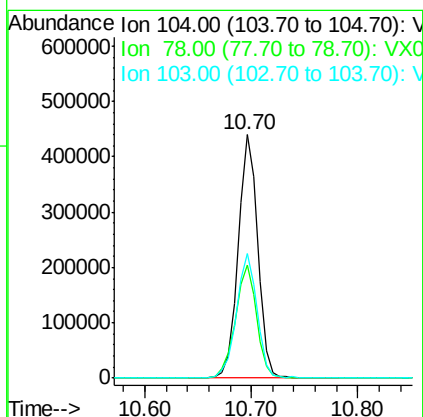
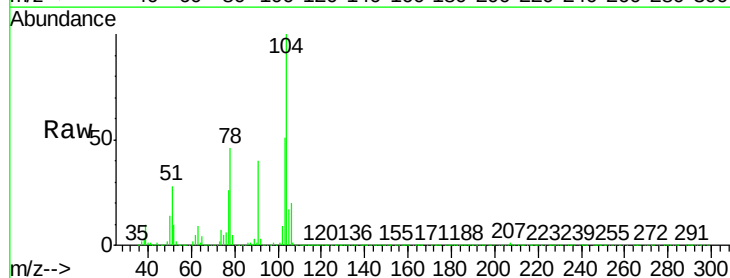
Manual Integrations
APPROVED

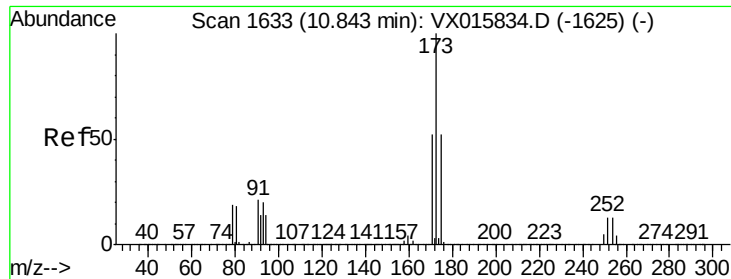
MMDadoda
4/23/2020 12:15:15 PM



#70
Styrene
Concen: 19.111 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
104	100			
78	50.2	40.1	60.1	
103	54.3	43.3	64.9	





#71

Bromoform

Concen: 19.646 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

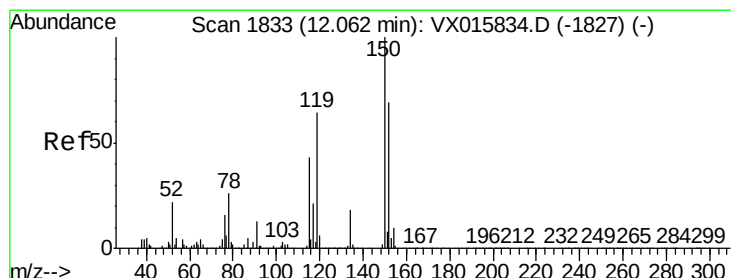
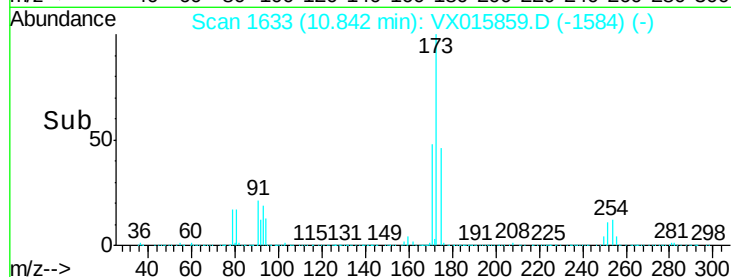
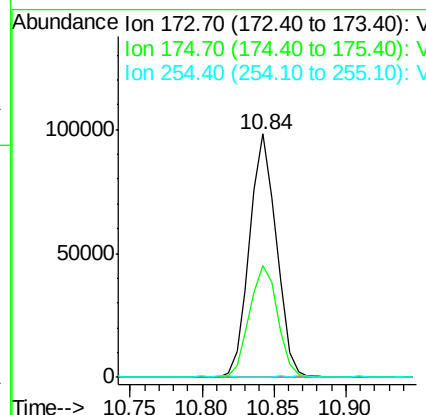
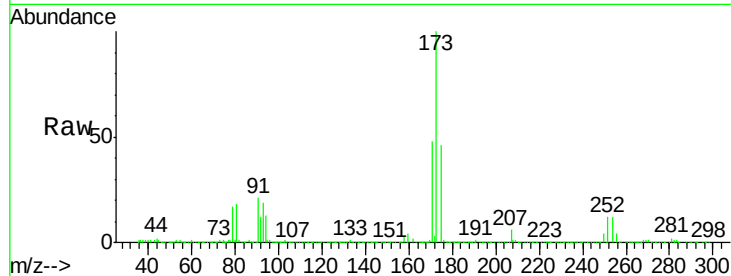
ClientSampleId :

VX0422WBS02

Tot Ion:	173	Resp:	126594
Ion Ratio	Lower	Upper	
173	100		
175	48.1	25.1	75.4
254	0.0	0.3	0.5#

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

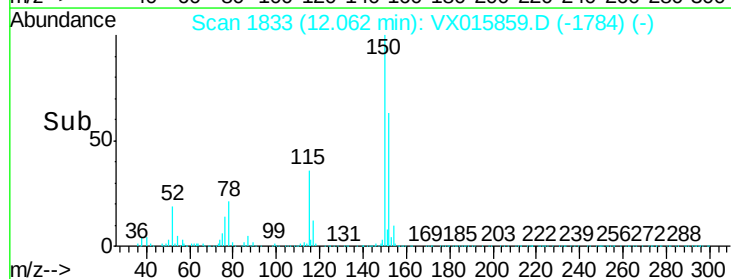
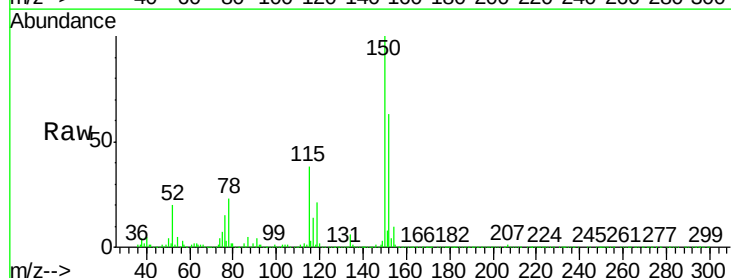
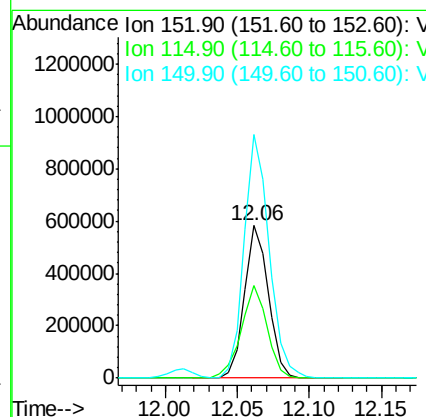
RT: 12.06 min Scan# 1833

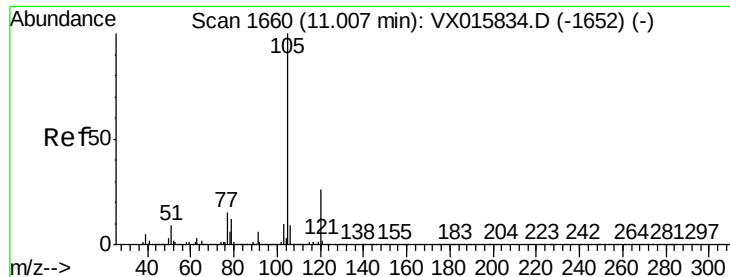
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	152	Resp:	673315
Ion Ratio	Lower	Upper	
152	100		
115	65.6	39.0	116.9
150	166.9	0.0	336.8





#73

Isopropylbenzene

Concen: 20.874 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 105 Resp: 892623

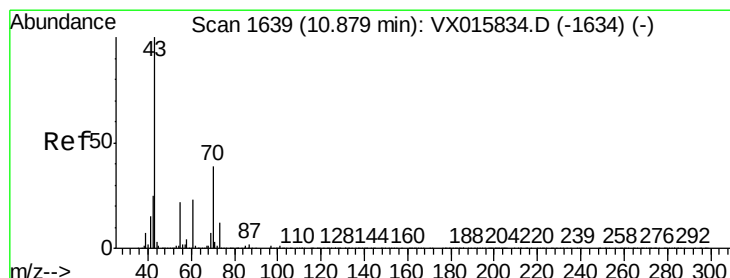
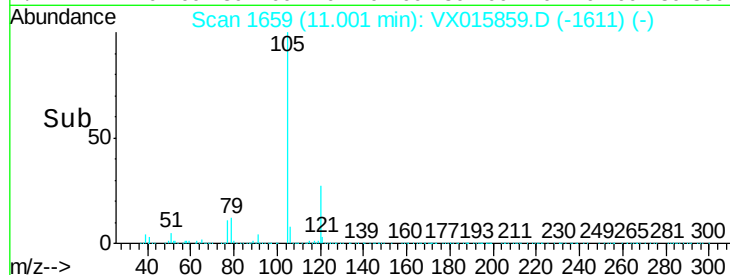
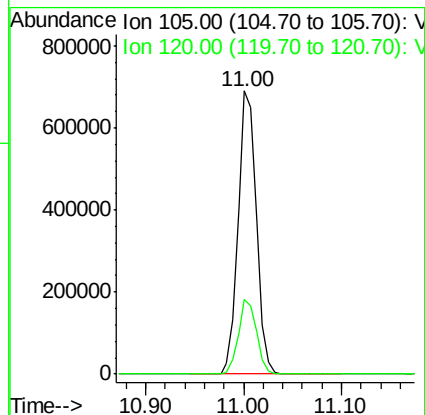
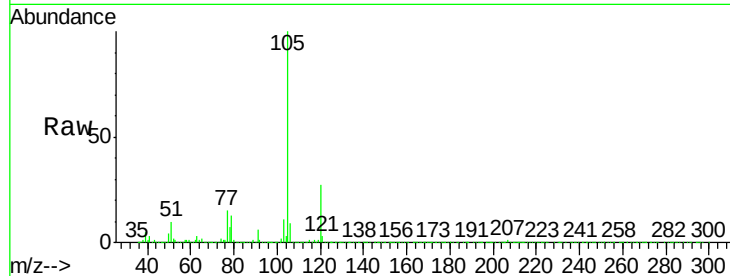
Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#74

N-ethyl acetate

Concen: 19.590 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion: 43 Resp: 432475

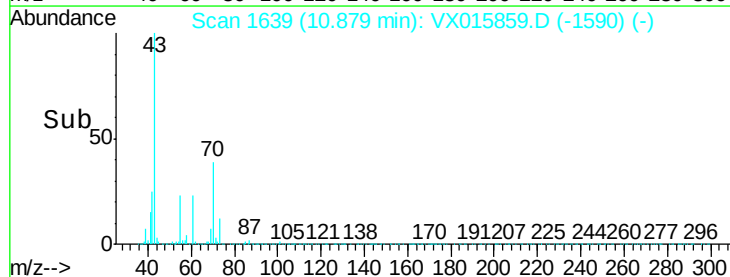
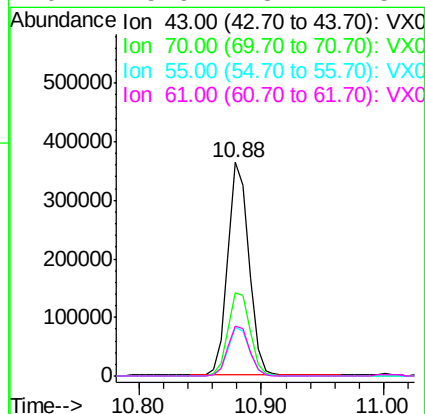
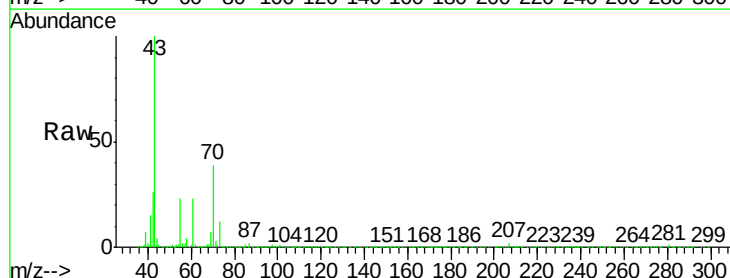
Ion Ratio Lower Upper

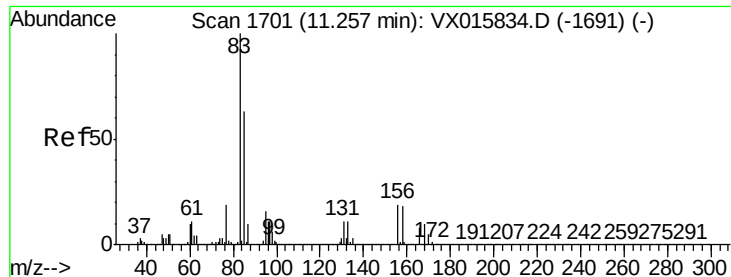
43 100

70 40.7 32.6 49.0

55 23.2 18.3 27.5

61 23.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

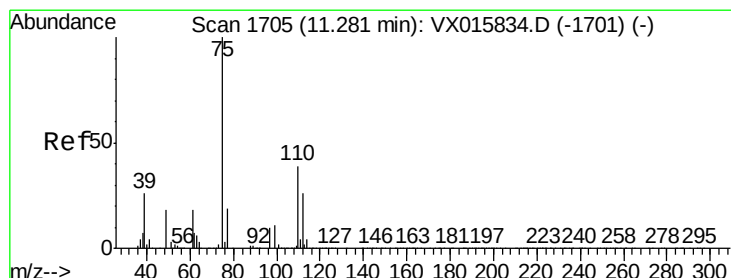
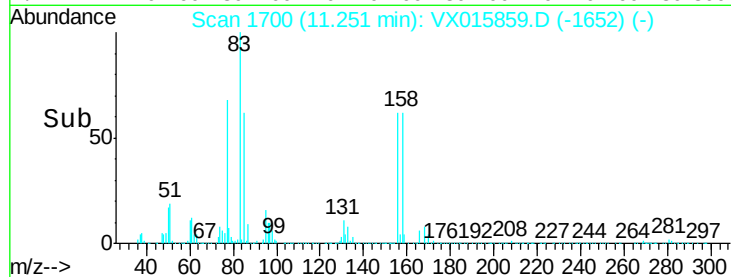
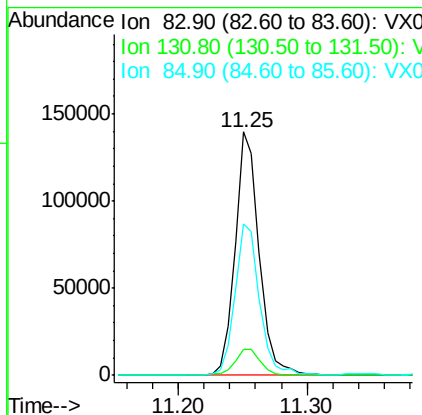
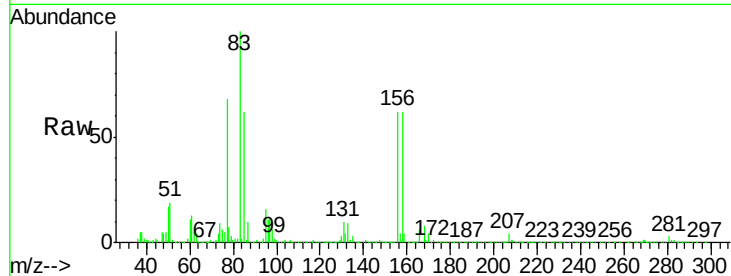
ClientSampleId :

VX0422WBS02

Tot Ion:	83	Resp:	180285
Ion Ratio		Lower	Upper
83	100		
131	11.1	5.5	16.4
85	64.6	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#76

1,2,3-Trichloropropane

Concen: 19.556 ug/l m

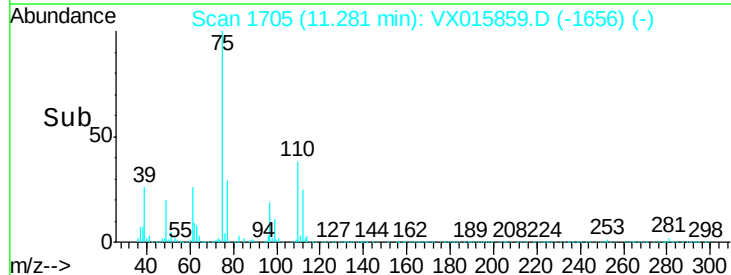
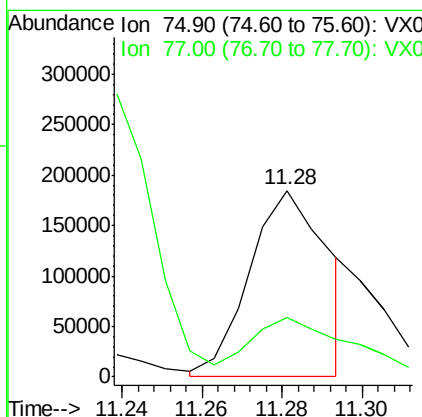
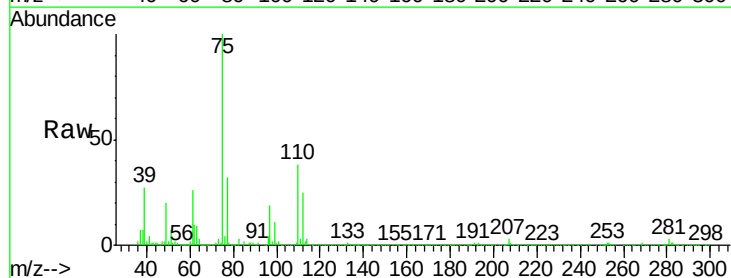
RT: 11.28 min Scan# 1705

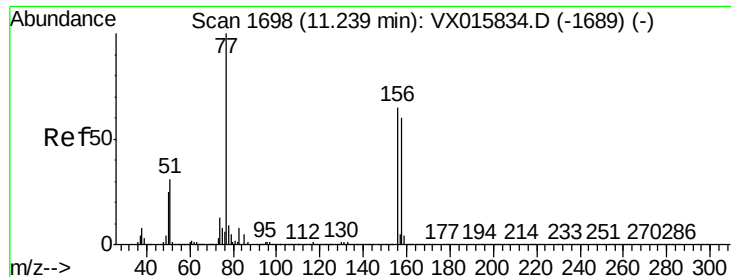
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	75	Resp:	250391
Ion Ratio		Lower	Upper
75	100		
77	40.8	21.3	63.9





#77

Bromobenzene

Concen: 19.891 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

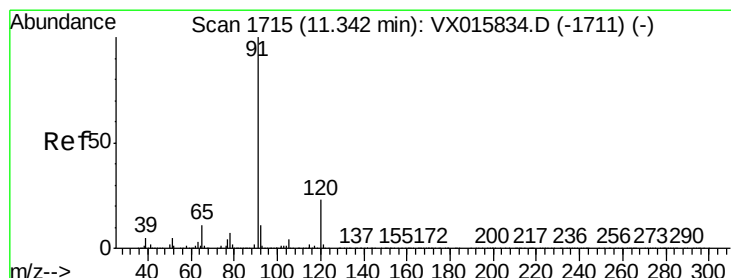
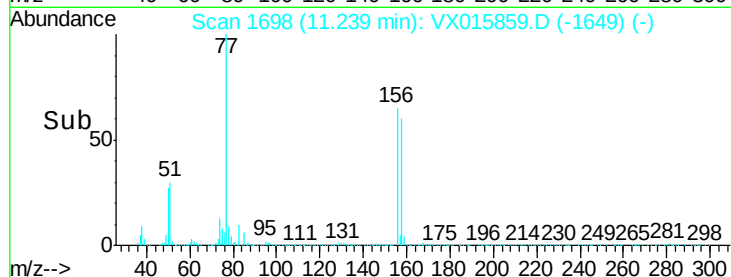
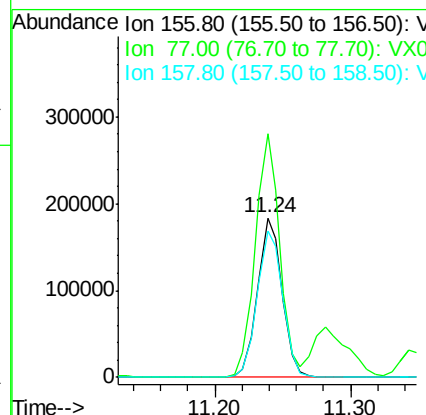
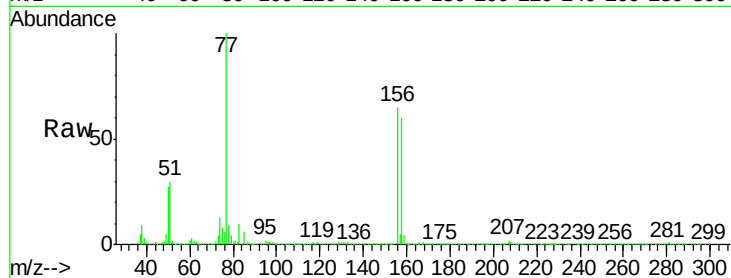
ClientSampleId :

VX0422WBS02

Tot Ion:	156	Resp:	232406
Ion Ratio	Lower	Upper	
156	100		
77	151.6	75.2	225.6
158	95.3	47.9	143.6

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#78

n-propylbenzene

Concen: 20.170 ug/l

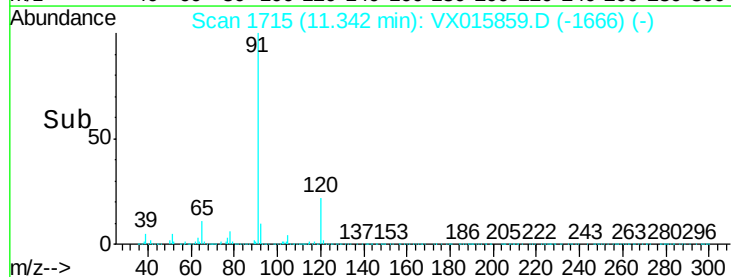
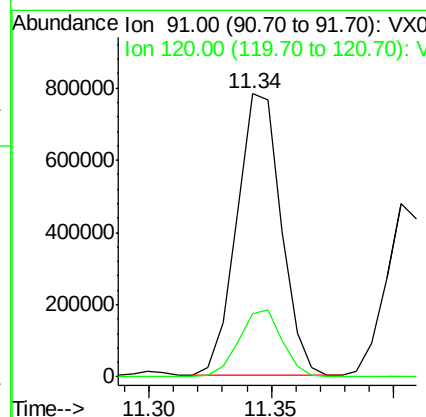
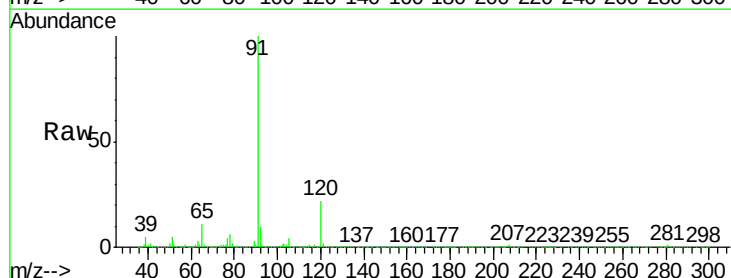
RT: 11.34 min Scan# 1715

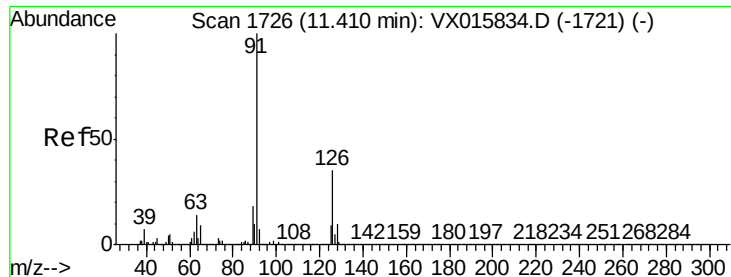
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	91	Resp:	988052
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.019 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 91 Resp: 589071

Ion Ratio Lower Upper

91 100

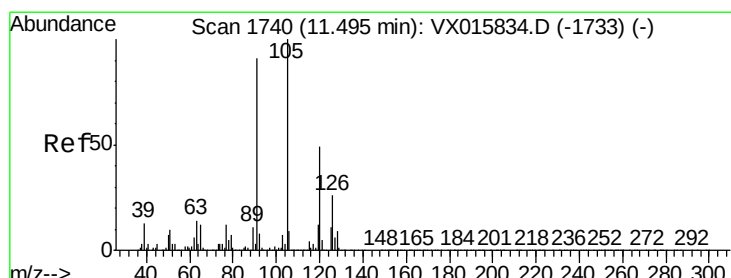
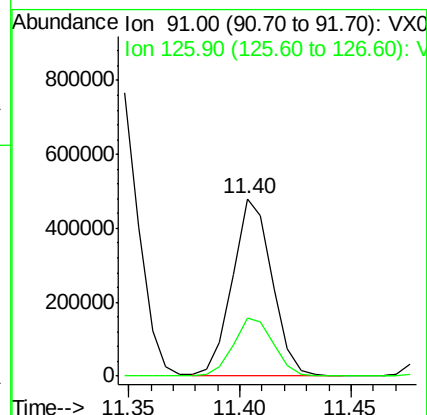
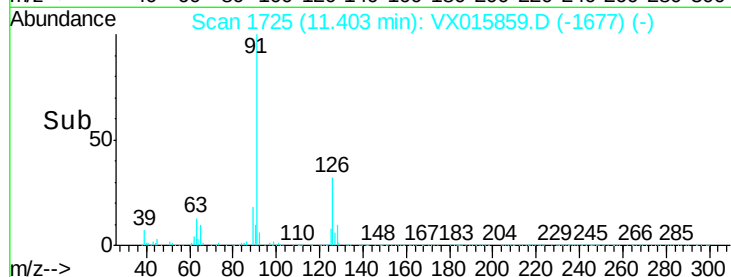
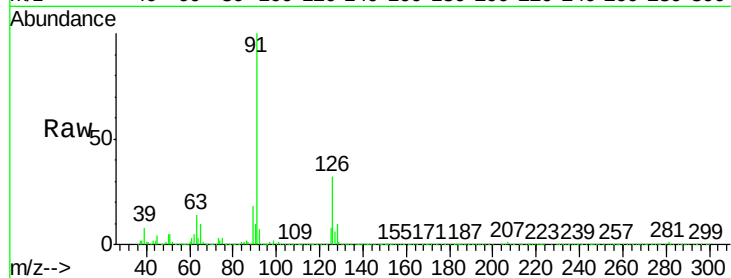
126 33.8 17.2 51.5

Manual Integrations

APPROVED

MMDadoda

4/23/2020 12:15:15 PM



#80

1,3,5-Trimethylbenzene

Concen: 20.026 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015859.D

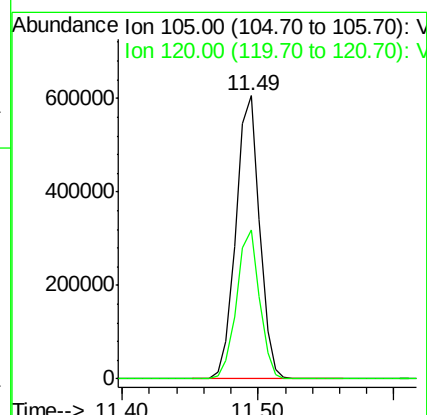
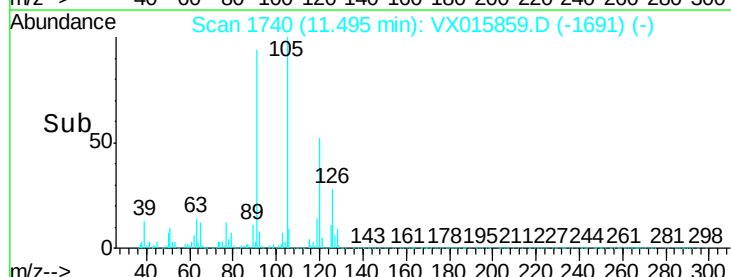
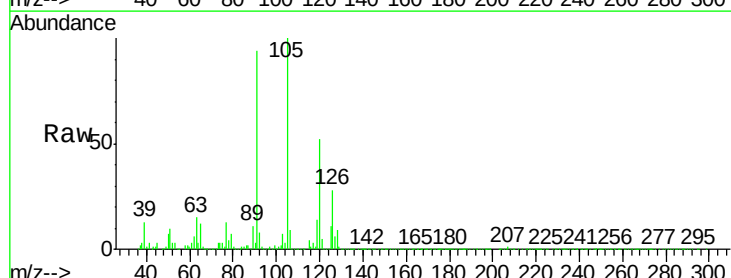
Acq: 22 Apr 2020 23:25

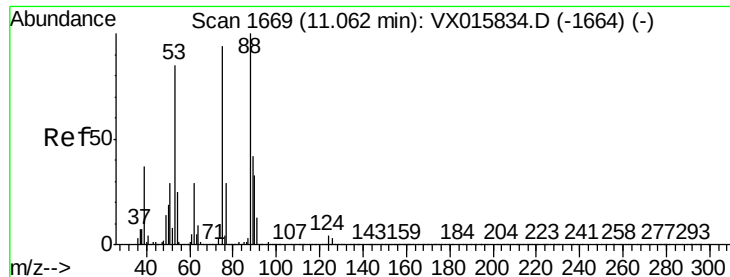
Tgt Ion: 105 Resp: 730191

Ion Ratio Lower Upper

105 100

120 51.3 24.9 74.7





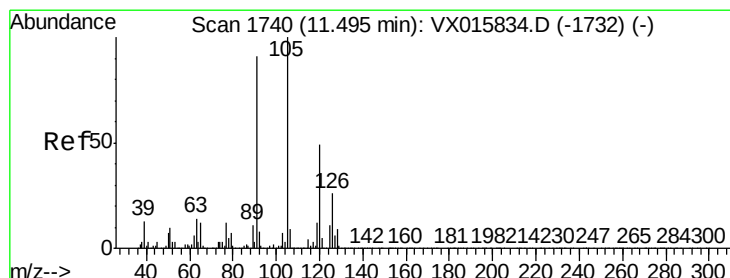
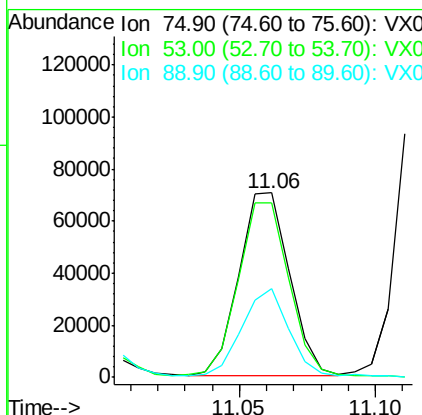
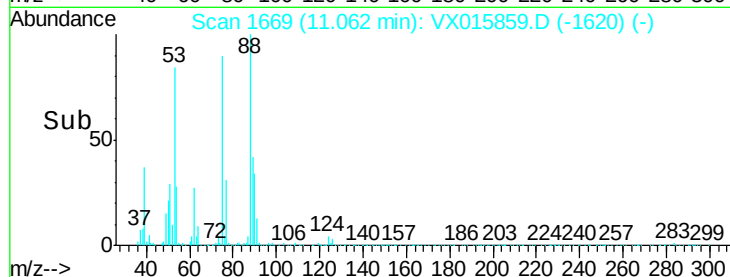
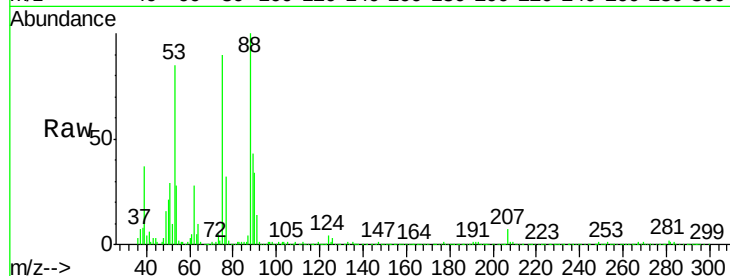
#81
trans-1,4-Dichloro-2-butene
Concen: 16.993 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.2	74.2	111.2
89	47.1	38.0	57.0

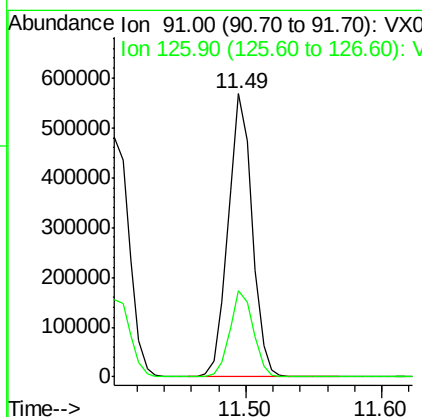
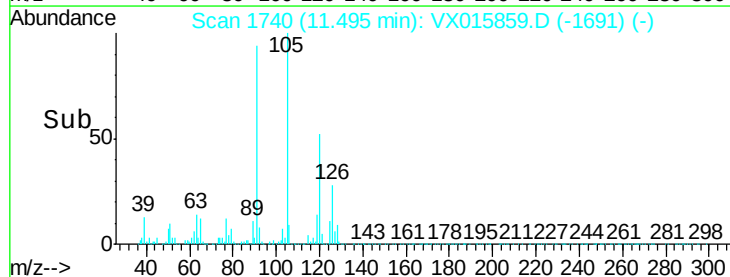
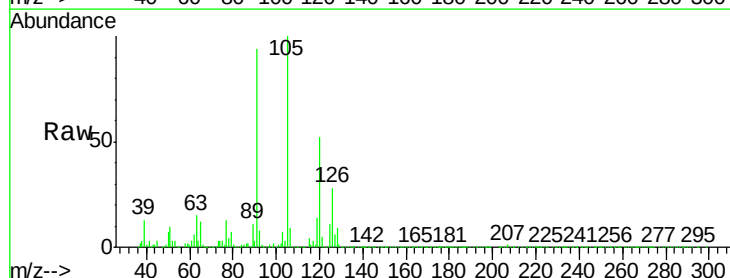
Manual Integrations
APPROVED

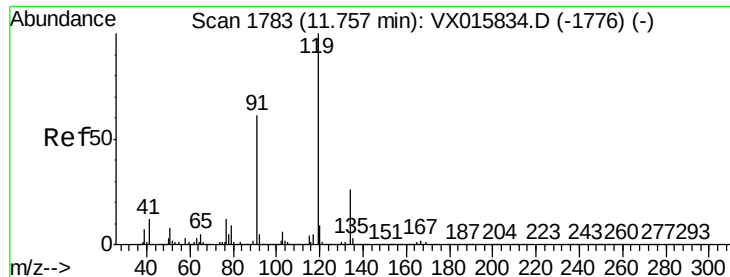
MMDadoda
4/23/2020 12:15:15 PM



#82
4-Chlorotoluene
Concen: 19.855 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.0	45.0





#83

tert-Butylbenzene

Concen: 19.891 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

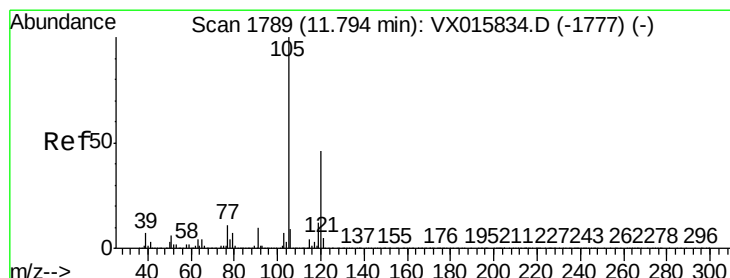
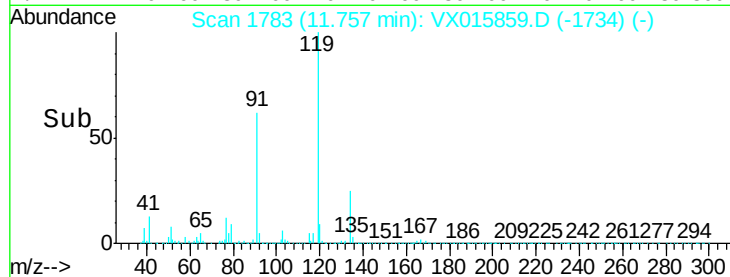
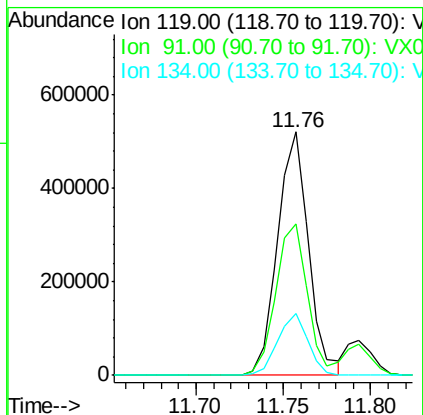
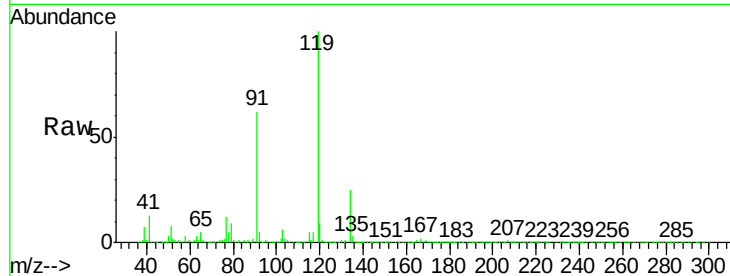
ClientSampleId :

VX0422WBS02

Tot Ion:	119	Resp:	643358
Ion Ratio	Lower	Upper	
119	100		
91	62.9	30.9	92.7
134	24.8	12.4	37.2

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#84

1,2,4-Trimethylbenzene

Concen: 19.937 ug/l

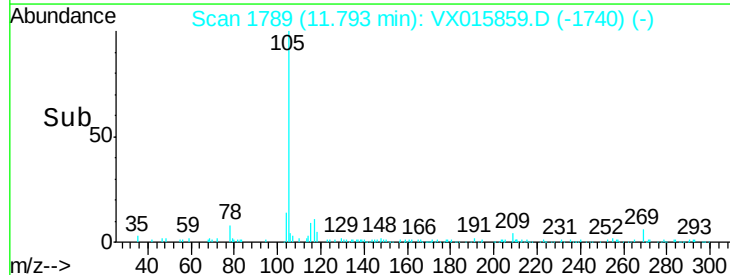
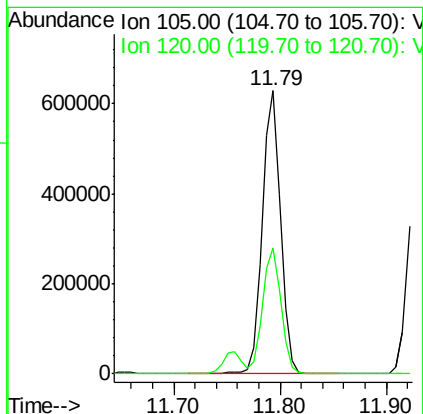
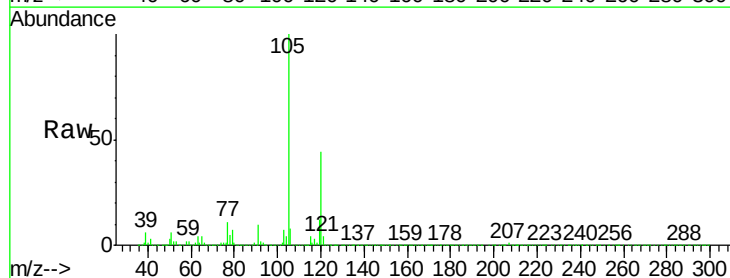
RT: 11.79 min Scan# 1789

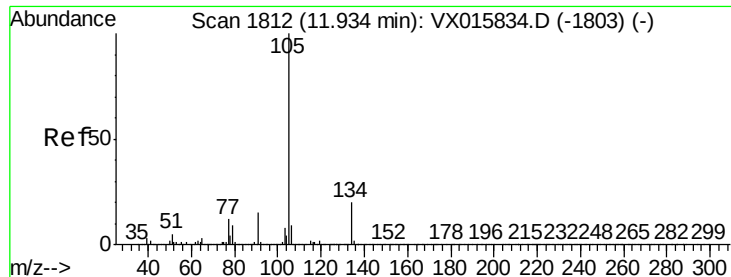
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	105	Resp:	754723
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.9	68.7





#85

sec-Butylbenzene

Concen: 19.560 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion:105 Resp: 833980

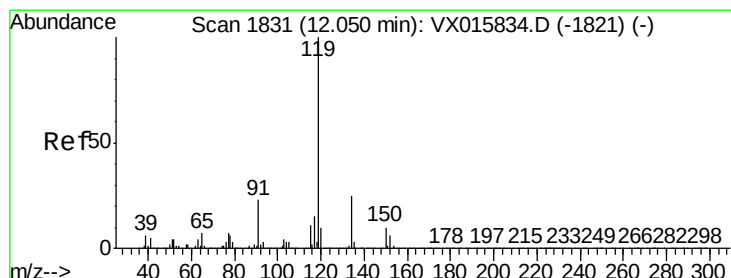
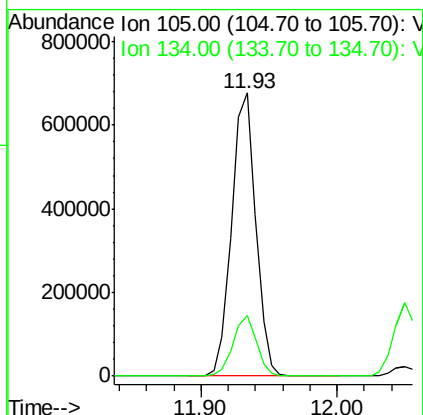
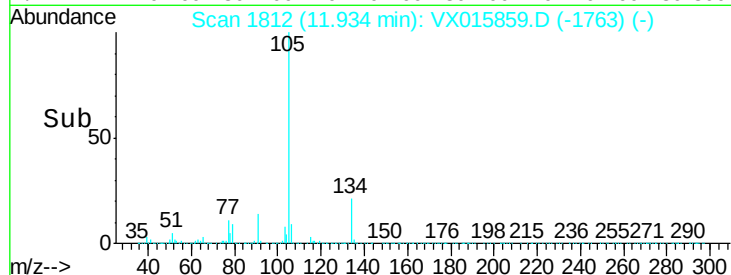
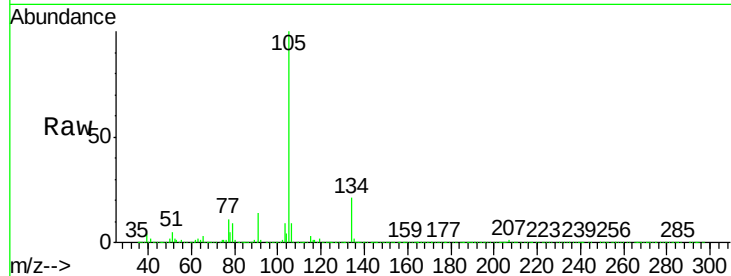
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#86

p-Isopropyltoluene

Concen: 19.752 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

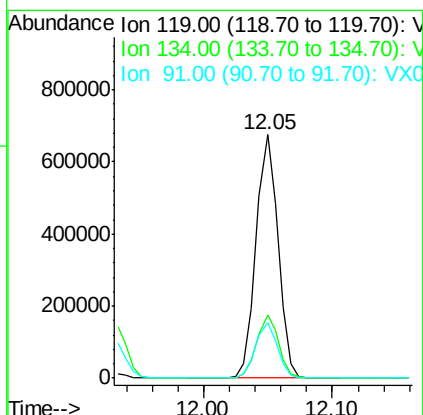
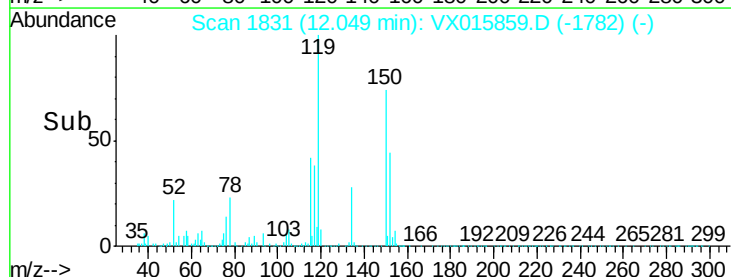
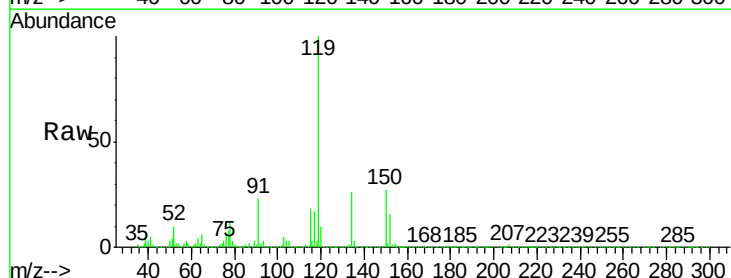
Tgt Ion:119 Resp: 787470

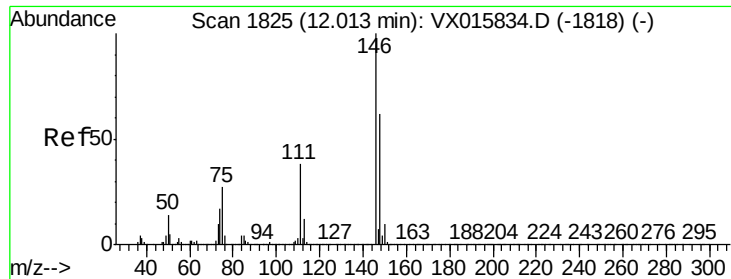
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 22.6 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.993 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015859.D

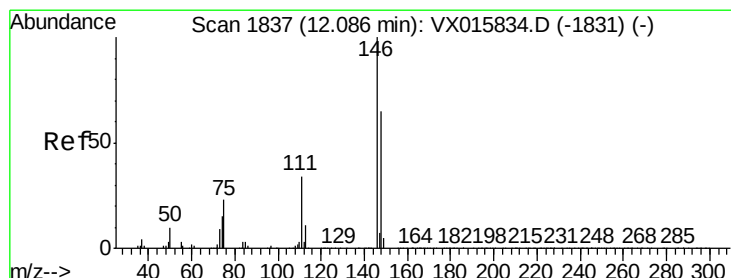
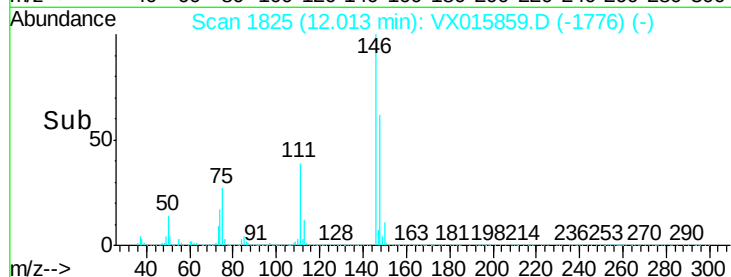
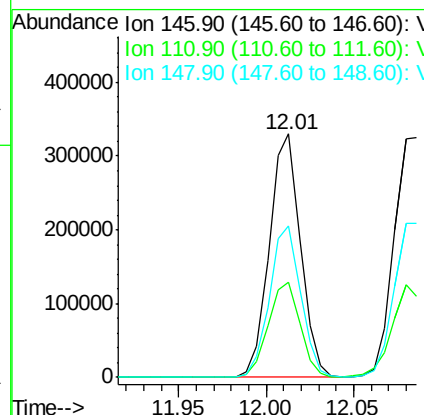
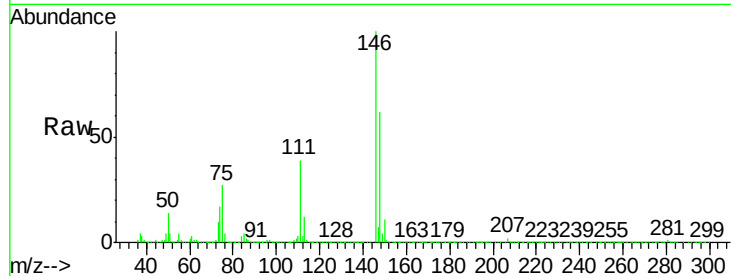
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	407362		
111	39.8	19.1	57.1	
148	62.9	30.9	92.7	

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#88

1,4-Dichlorobenzene

Concen: 19.604 ug/l

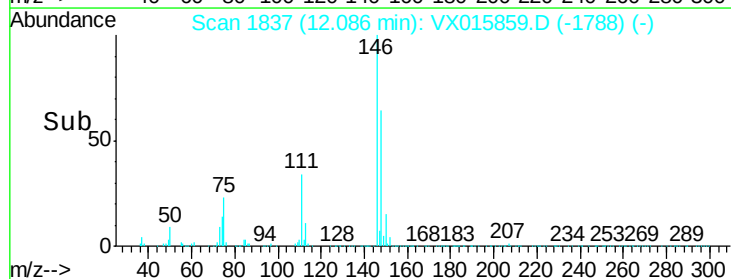
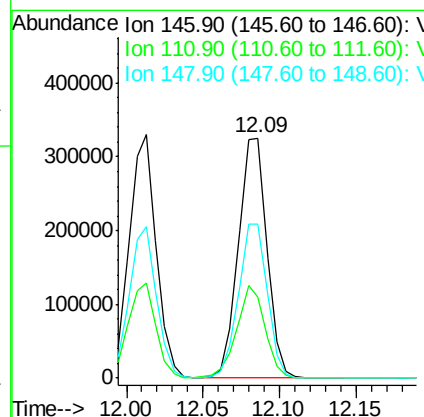
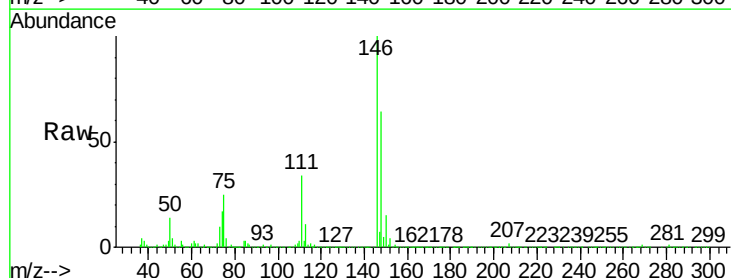
RT: 12.09 min Scan# 1837

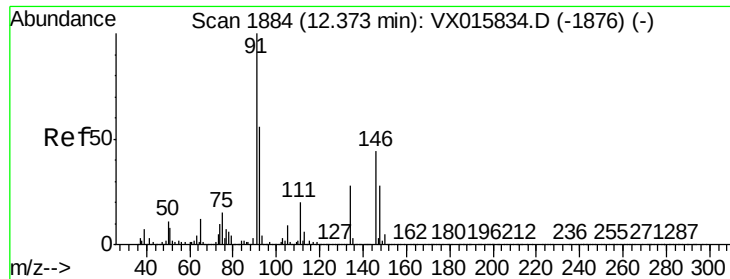
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	420893		
111	38.5	19.4	58.2	
148	64.7	33.8	101.4	





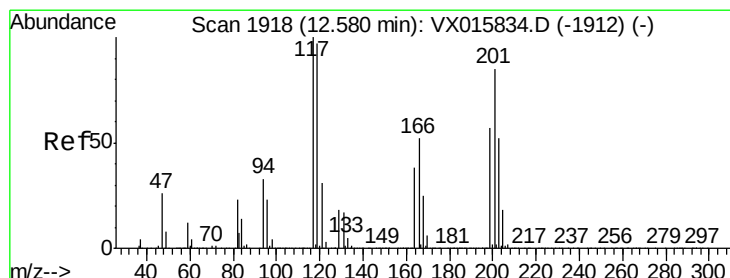
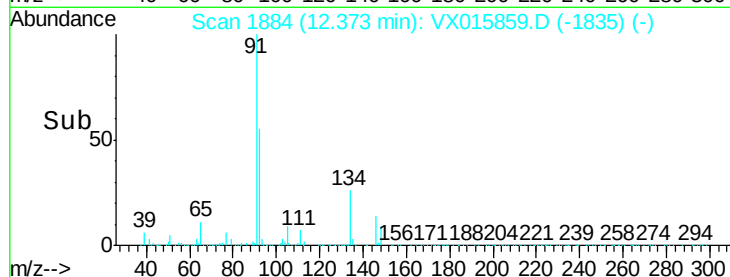
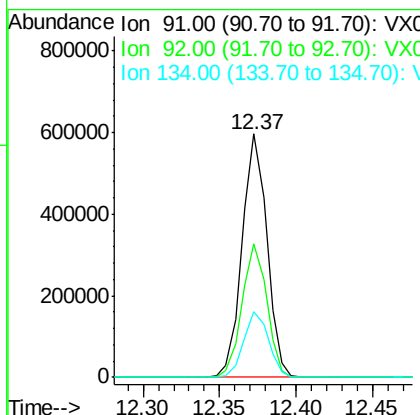
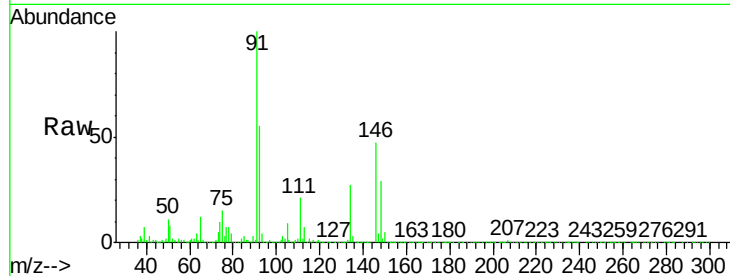
#89
n-Butylbenzene
Concen: 18.788 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	669689		
92	54.9	27.7	83.1	
134	27.2	14.1	42.4	

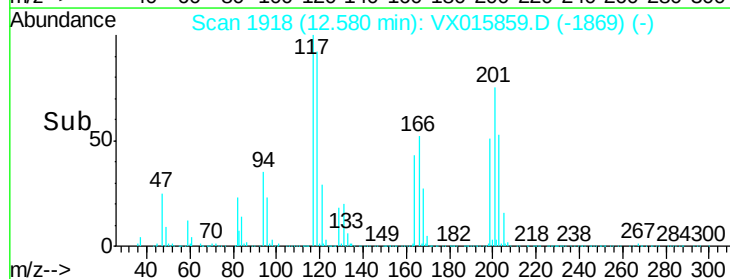
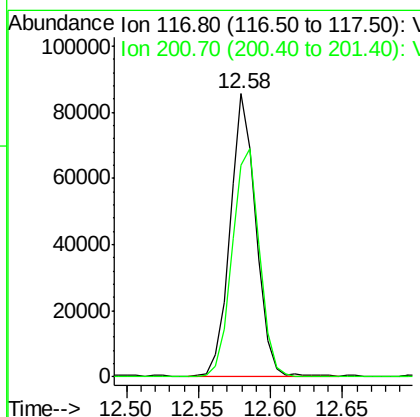
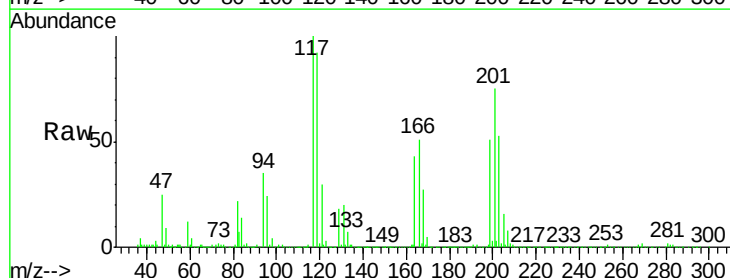
Manual Integrations
APPROVED

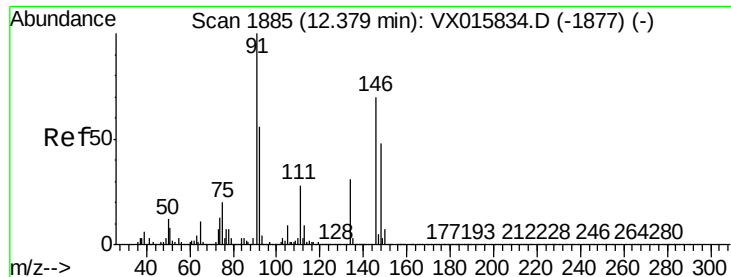
MMDadoda
4/23/2020 12:15:15 PM



#90
Hexachloroethane
Concen: 25.495 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107377		
201	85.4	45.6	136.9	





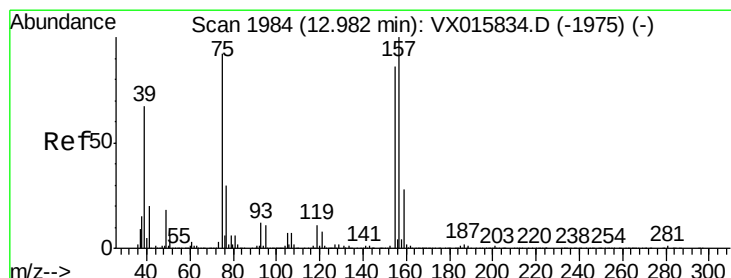
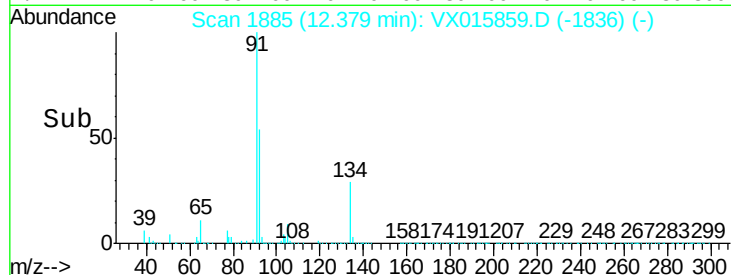
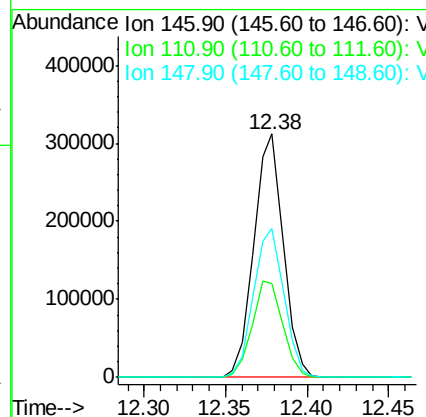
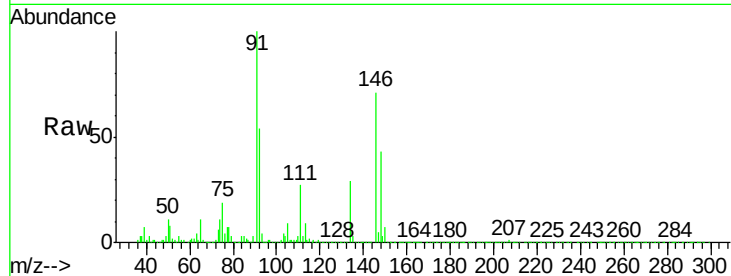
#91
 1,2-Dichlorobenzene
 Concen: 19.338 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	393372		
111	41.3	20.3	61.0	
148	63.7	32.1	96.3	

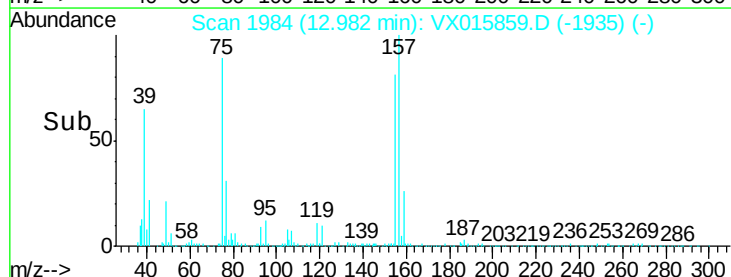
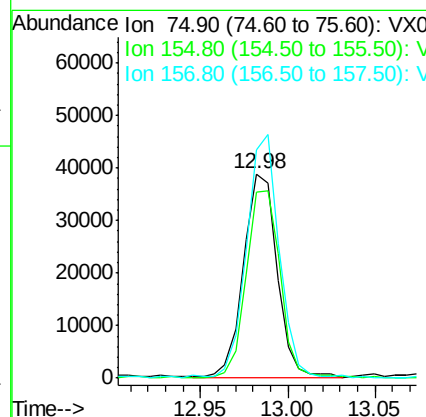
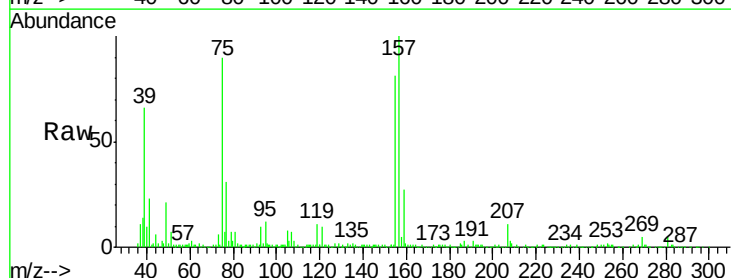
Manual Integrations
 APPROVED

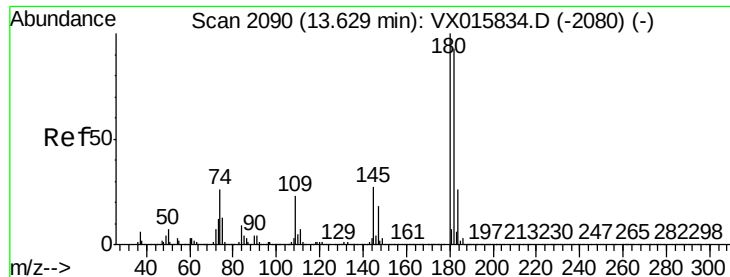
MMDadoda
 4/23/2020 12:15:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.640 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52709		
155	91.4	48.1	144.4	
157	114.8	58.9	176.7	





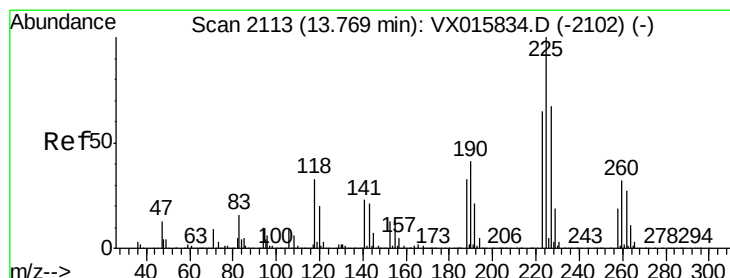
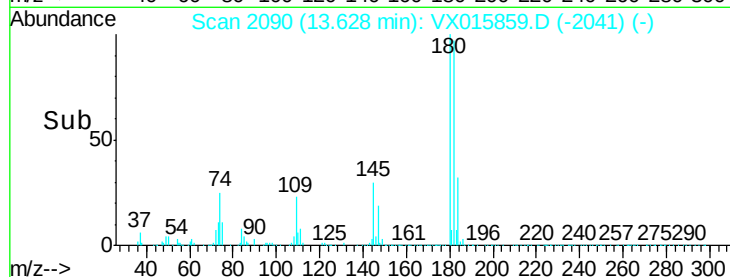
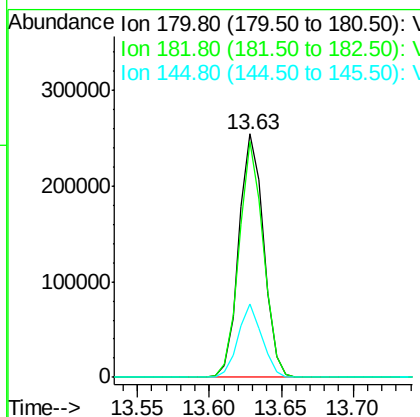
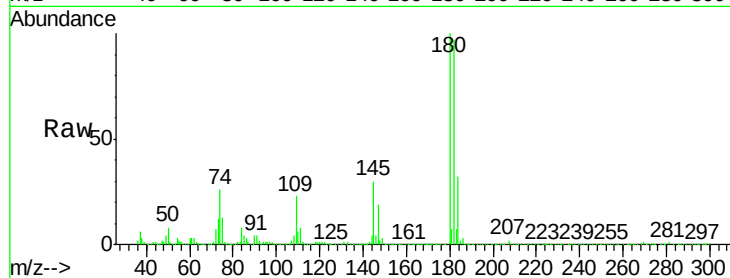
#93
1,2,4-Trichlorobenzene
Concen: 18.950 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	303729		
182	94.9	47.7	143.1	
145	29.2	14.5	43.5	

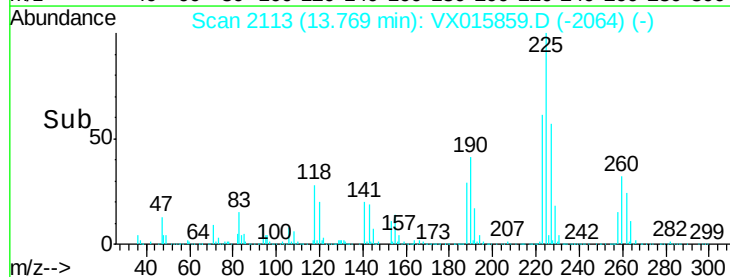
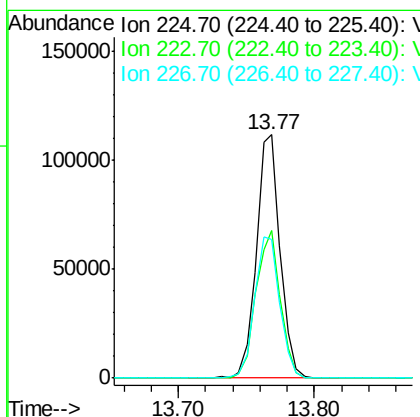
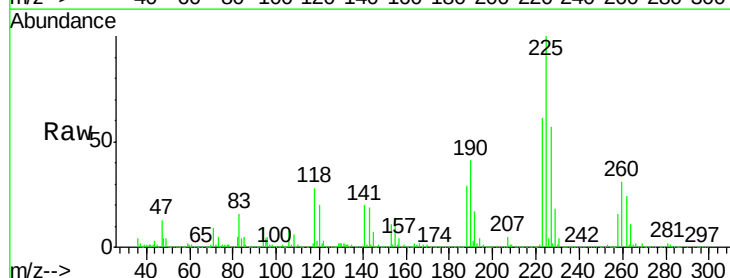
Manual Integrations
APPROVED

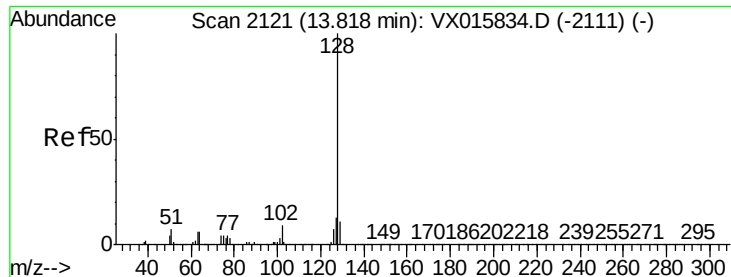
MMDadoda
4/23/2020 12:15:15 PM



#94
Hexachlorobutadiene
Concen: 19.054 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136926		
223	62.0	31.3	93.8	
227	61.5	32.6	97.8	





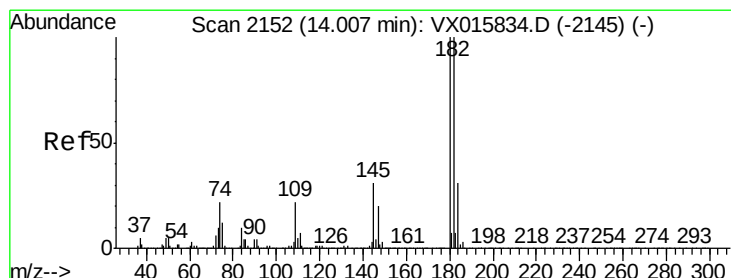
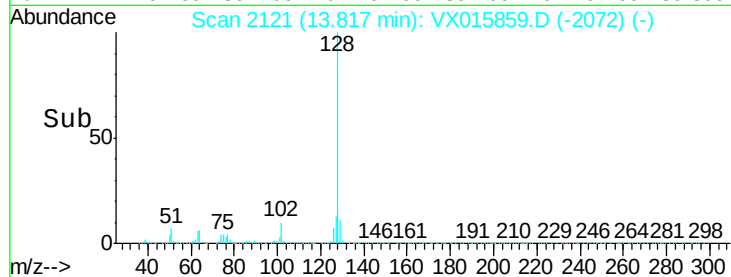
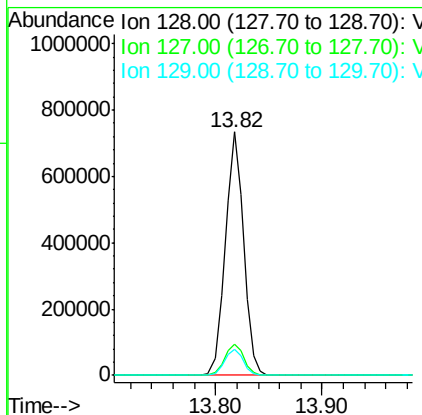
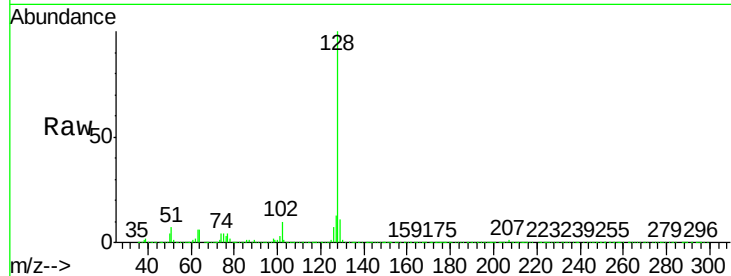
#95
Naphthalene
Concen: 19.197 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampled :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.919 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.7
145	31.6	15.2	45.5

