

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014885.D
 Acq On : 10 Feb 2020 13:58
 Operator : JC/SP
 Sample : VX0210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:36 AM

Quant Time: Feb 11 07:03:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	686958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	640707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	255080	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	5.48	113	208740	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	8.71	98	809219	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	289540	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	90407	20.351	ug/l	100
3) Chloromethane	1.32	50	103239	20.498	ug/l	99
4) Vinyl Chloride	1.40	62	103683	19.110	ug/l	96
5) Bromomethane	1.64	94	65427	18.630	ug/l	99
6) Chloroethane	1.72	64	65426	18.846	ug/l	99
7) Trichlorofluoromethane	1.93	101	146923	19.382	ug/l	94
8) Diethyl Ether	2.18	74	58471	18.600	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82577	18.767	ug/l	98
10) Methyl Iodide	2.50	142	72846	17.921	ug/l	98
11) Tert butyl alcohol	3.01	59	93242	99.750	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83826	19.496	ug/l	95
13) Acrolein	2.28	56	61561	86.409	ug/l	99
14) Allyl chloride	2.72	41	137158	17.992	ug/l	98
15) Acrylonitrile	3.12	53	220011	92.844	ug/l	99
16) Acetone	2.43	43	240383	76.963	ug/l	99
17) Carbon Disulfide	2.56	76	226779	18.877	ug/l	100
18) Methyl Acetate	2.76	43	99570	18.674	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	267573	19.121	ug/l	100
20) Methylene Chloride	2.85	84	91023	17.873	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	89167	18.794	ug/l	97
22) Diisopropyl ether	3.84	45	273584	18.790	ug/l	96
23) Vinyl Acetate	3.80	43	1170713	97.539	ug/l	98
24) 1,1-Dichloroethane	3.69	63	153000	18.619	ug/l	100
25) 2-Butanone	4.65	43	323725	89.817	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130330	18.404	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	99252	18.714	ug/l	99
28) Bromochloromethane	5.00	49	62995	19.778	ug/l	100
29) Tetrahydrofuran	5.11	42	195004	95.175	ug/l	99
30) Chloroform	5.20	83	153897	18.876	ug/l	97
31) Cyclohexane	5.57	56	140139	18.724	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	134075	18.800	ug/l	99
36) 1,1-Dichloropropene	5.79	75	116796	19.007	ug/l	97
37) Ethyl Acetate	4.81	43	118224	18.446	ug/l	99
38) Carbon Tetrachloride	5.77	117	114510	19.121	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014885.D
 Acq On : 10 Feb 2020 13:58
 Operator : JC/SP
 Sample : VX0210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:36 AM

Quant Time: Feb 11 07:03:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	147054	19.135	ug/l	98
40) Benzene	6.13	78	352062	19.175	ug/l	100
41) Methacrylonitrile	5.03	41	65273	18.905	ug/l	96
42) 1,2-Dichloroethane	6.18	62	125718	18.945	ug/l	98
43) Isopropyl Acetate	6.43	43	201376	19.047	ug/l	100
44) Trichloroethene	7.20	130	101803	19.100	ug/l	99
45) 1,2-Dichloropropane	7.50	63	89058	19.019	ug/l	99
46) Dibromomethane	7.65	93	61029	19.067	ug/l	98
47) Bromodichloromethane	7.89	83	118189	18.623	ug/l	95
48) Methyl methacrylate	7.76	41	98649	18.959	ug/l	99
49) 1,4-Dioxane	7.73	88	41009	421.539	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	616188	96.519	ug/l	100
52) Toluene	8.78	92	225900	19.372	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	130534	18.768	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144045	18.747	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90952	19.278	ug/l	99
56) Ethyl methacrylate	9.17	69	135523	19.111	ug/l	99
57) 1,3-Dichloropropane	9.36	76	150735	18.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	342392	92.320	ug/l	100
59) 2-Hexanone	9.48	43	482609	96.176	ug/l	99
60) Dibromochloromethane	9.57	129	95910	18.890	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96399	18.937	ug/l	99
64) Tetrachloroethene	9.33	164	110300	18.413	ug/l	99
65) Chlorobenzene	10.13	112	247406	19.038	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	89401	18.950	ug/l	99
67) Ethyl Benzene	10.25	91	428111	19.371	ug/l	98
68) m/p-Xylenes	10.36	106	328669	38.603	ug/l	98
69) o-Xylene	10.69	106	156428	19.113	ug/l	100
70) Styrene	10.71	104	265135	19.149	ug/l	99
71) Bromoform	10.85	173	73296	18.613	ug/l #	100
73) Isopropylbenzene	11.01	105	420844	19.835	ug/l	100
74) N-amyl acetate	10.89	43	169953	19.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	131684	18.986	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	111878m	18.286	ug/l	
77) Bromobenzene	11.25	156	112676	19.027	ug/l	97
78) n-propylbenzene	11.35	91	480074	19.563	ug/l	100
79) 2-Chlorotoluene	11.42	91	280292	19.428	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	350932	19.795	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	42689	17.860	ug/l	93
82) 4-Chlorotoluene	11.50	91	326848	19.131	ug/l	100
83) tert-Butylbenzene	11.76	119	332383	19.799	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	356515	19.955	ug/l	98
85) sec-Butylbenzene	11.94	105	408289	19.577	ug/l	100
86) p-Isopropyltoluene	12.06	119	380446	19.494	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	200286	18.852	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199519	18.390	ug/l	98
89) n-Butylbenzene	12.38	91	330705	18.920	ug/l	99
90) Hexachloroethane	12.59	117	63499	18.631	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	192824	18.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28546	17.543	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
Data File : VX014885.D
Acq On : 10 Feb 2020 13:58
Operator : JC/SP
Sample : VX0210WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM

Quant Time: Feb 11 07:03:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	138936	18.067	ug/l	100
94) Hexachlorobutadiene	13.78	225	68119	18.314	ug/l	97
95) Naphthalene	13.83	128	390077	19.078	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	139152	18.729	ug/l	99

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

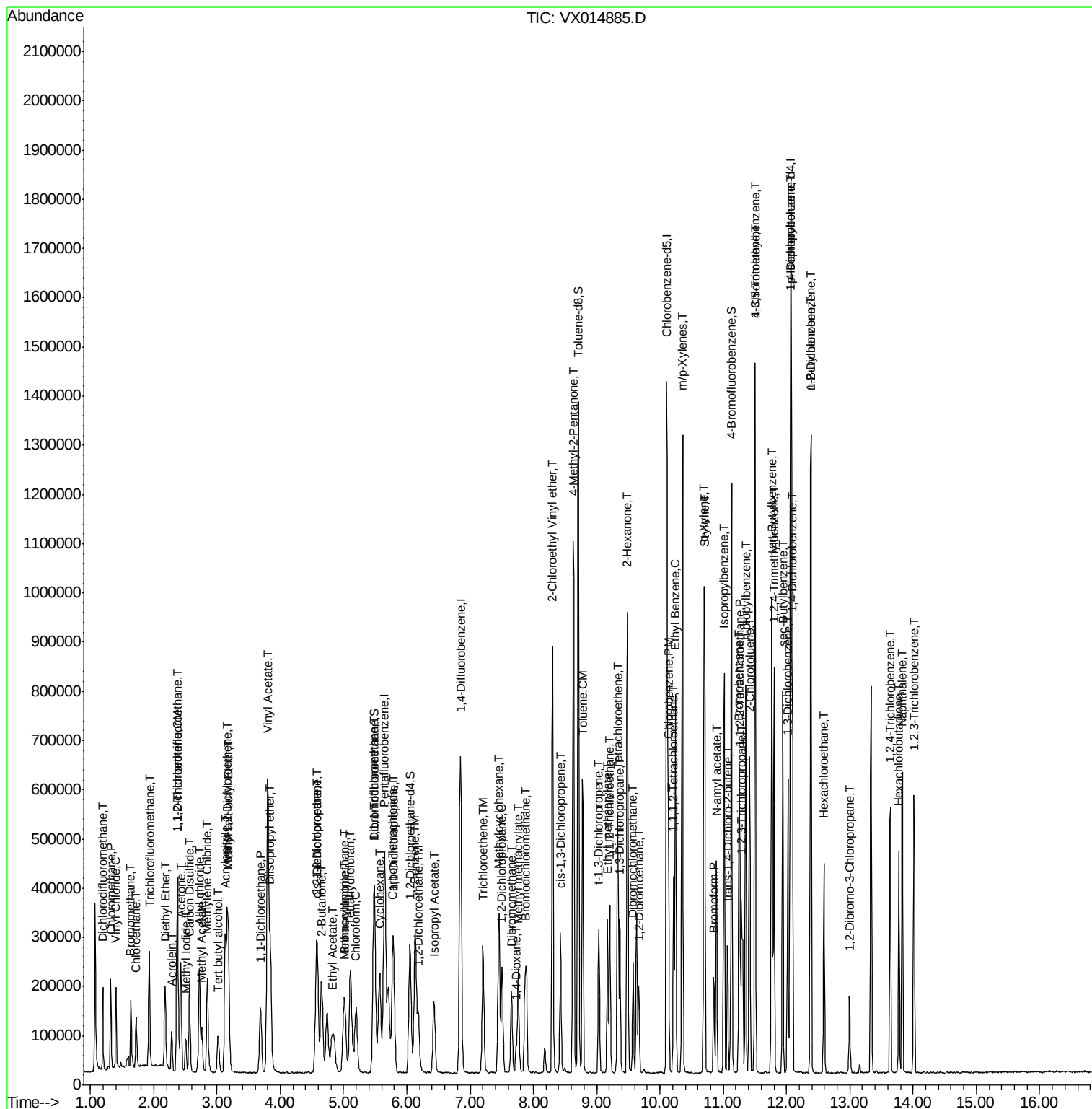
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014885.D
 Acq On : 10 Feb 2020 13:58
 Operator : JC/SP
 Sample : VX0210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

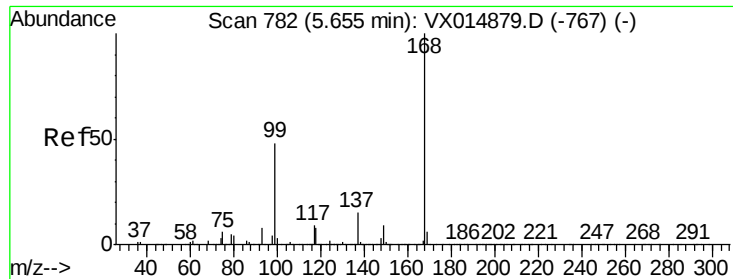
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0210WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:36 AM

Quant Time: Feb 11 07:03:52 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion:168 Resp: 469100

Ion Ratio Lower Upper

168 100

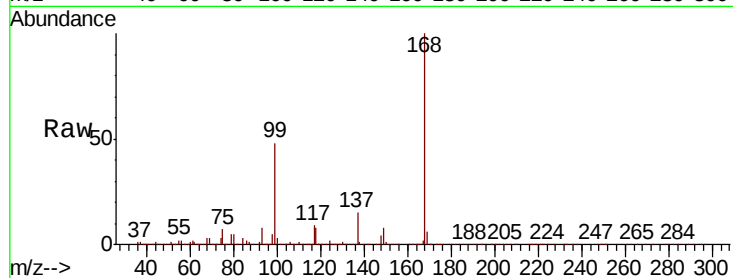
99 48.3 38.7 58.1

Manual Integrations

APPROVED

MMDadoda

2/11/2020 10:35:36 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

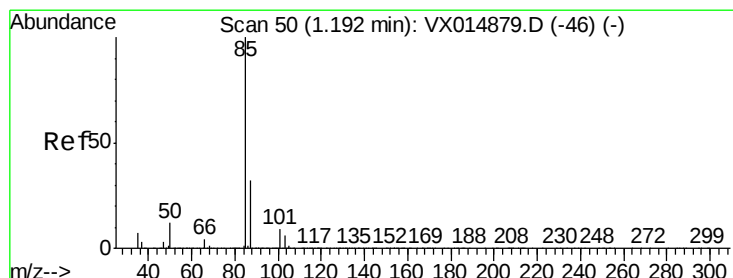
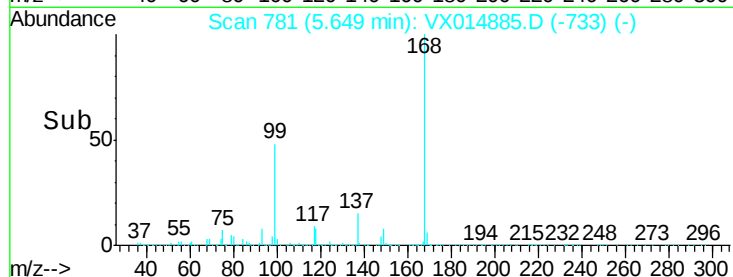
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.351 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014885.D

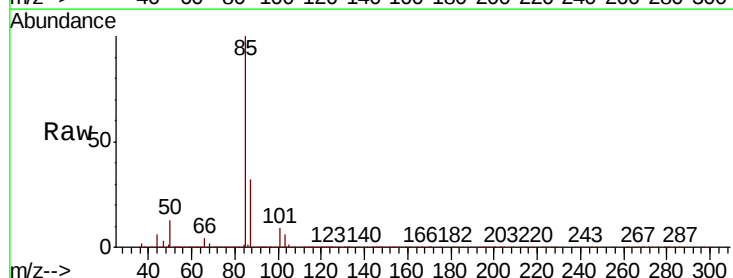
Acq: 10 Feb 2020 13:58

Tgt Ion: 85 Resp: 90407

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

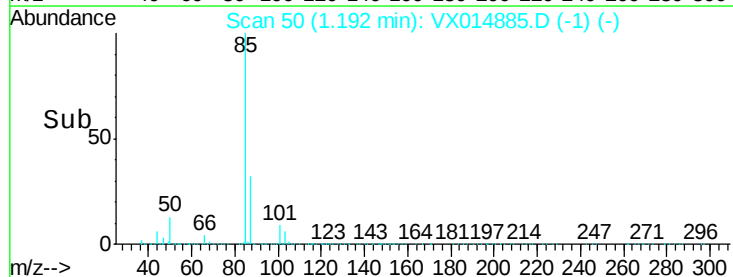
60000

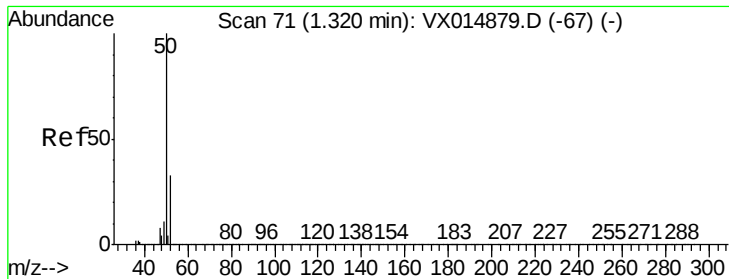
40000

20000

0

Time-->





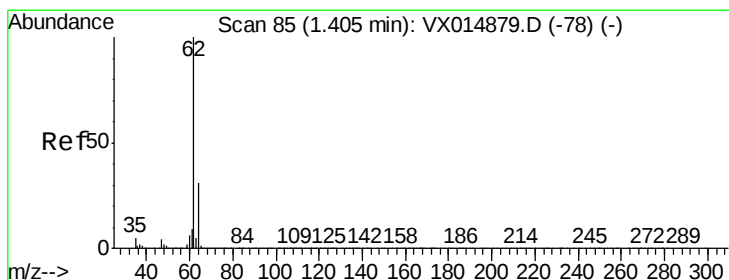
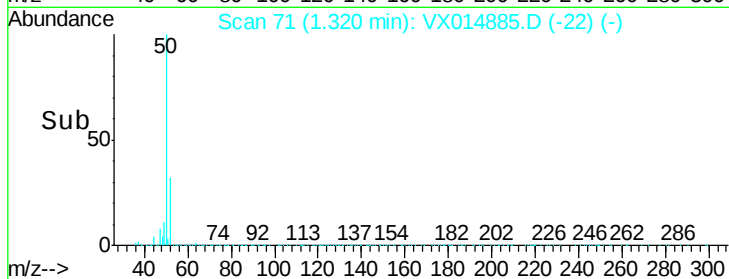
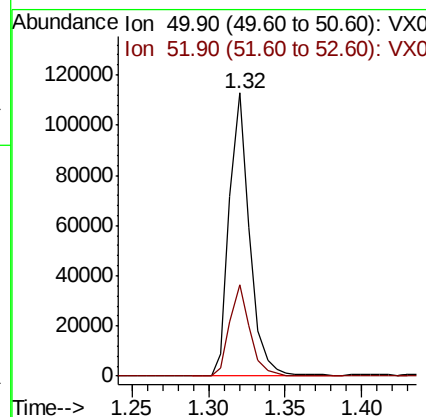
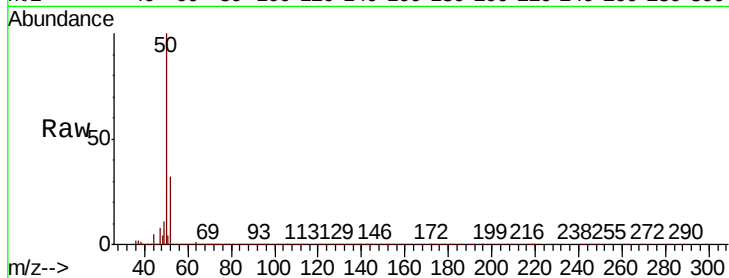
#3
Chloromethane
Concen: 20.498 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.2	39.2

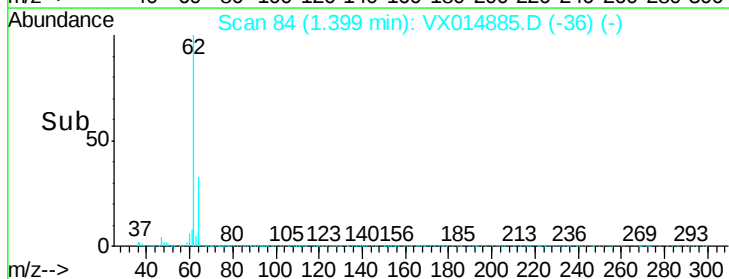
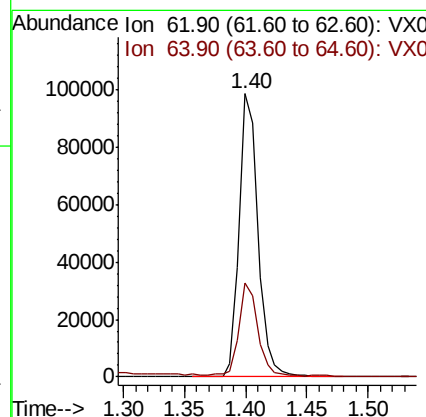
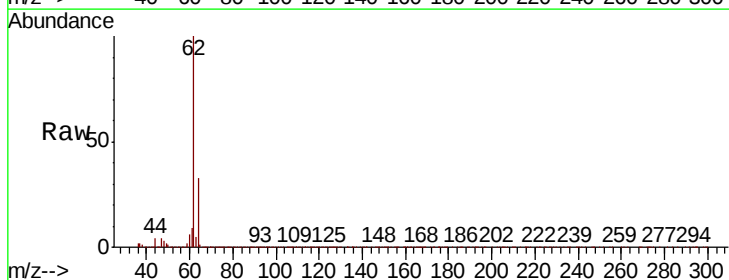
Manual Integrations
APPROVED

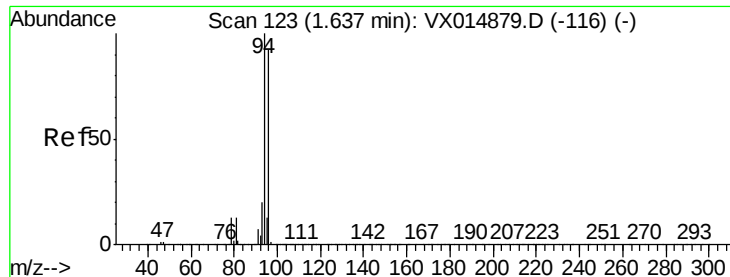
MMDadoda
2/11/2020 10:35:36 AM



#4
Vinyl Chloride
Concen: 19.110 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.1	24.8	37.2





#5

Bromomethane

Concen: 18.630 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion: 94 Resp: 65427

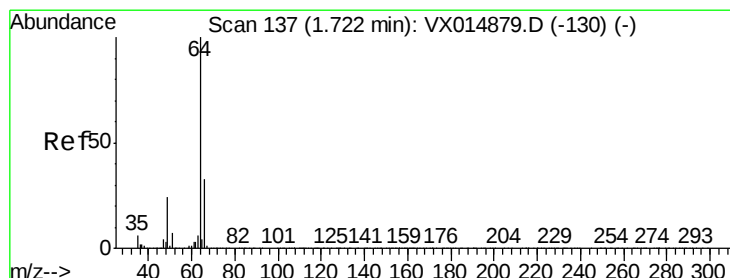
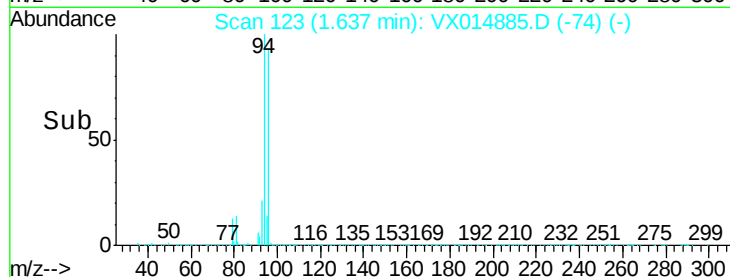
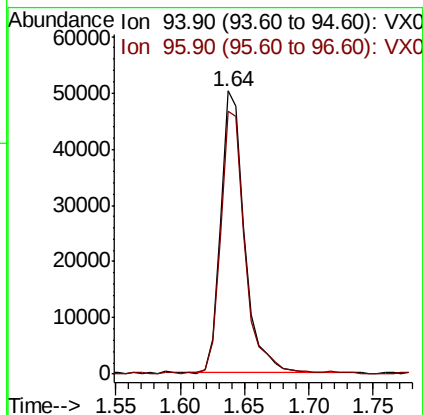
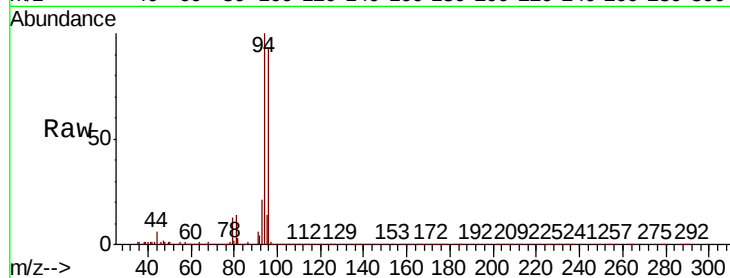
Ion Ratio Lower Upper

94 100

96 93.0 73.7 110.5

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#6

Chloroethane

Concen: 18.846 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014885.D

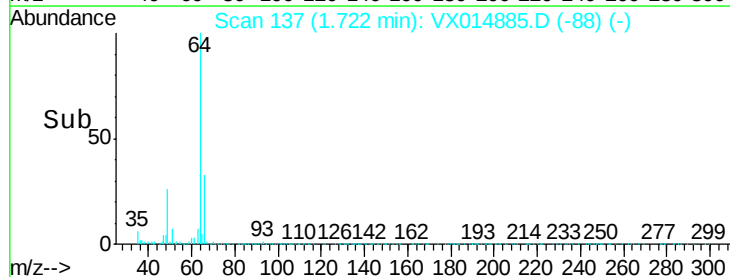
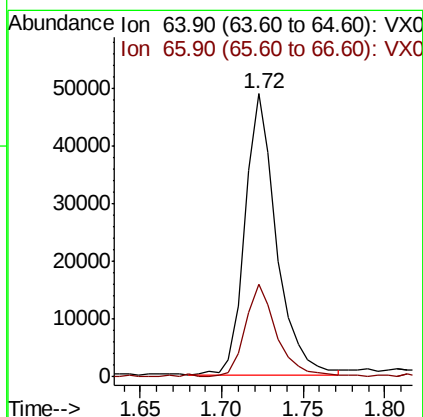
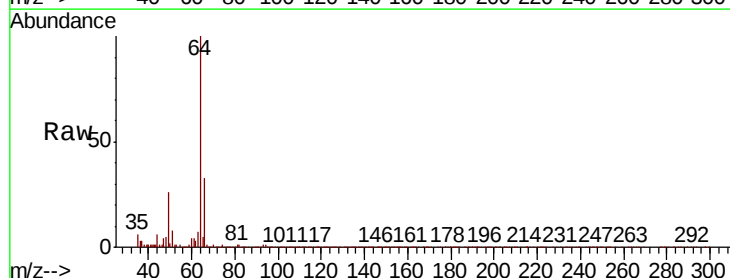
Acq: 10 Feb 2020 13:58

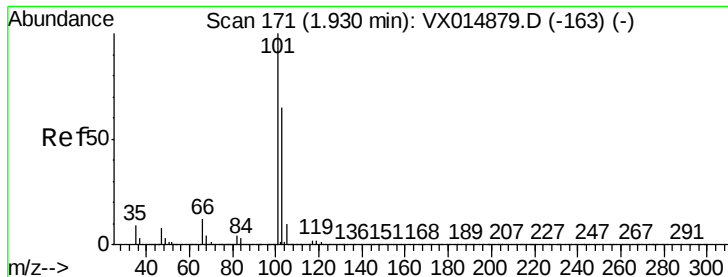
Tgt Ion: 64 Resp: 65426

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4





#7

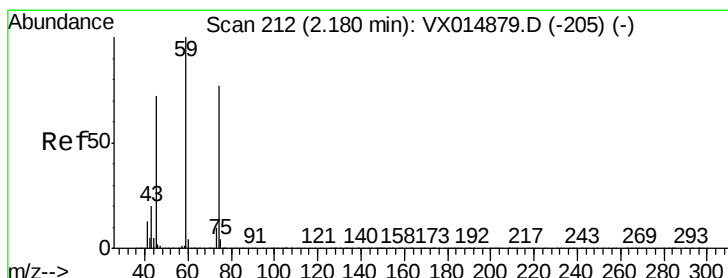
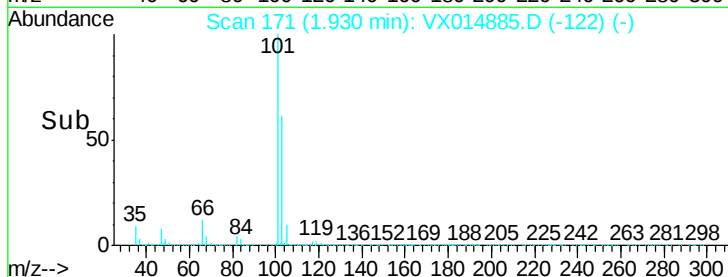
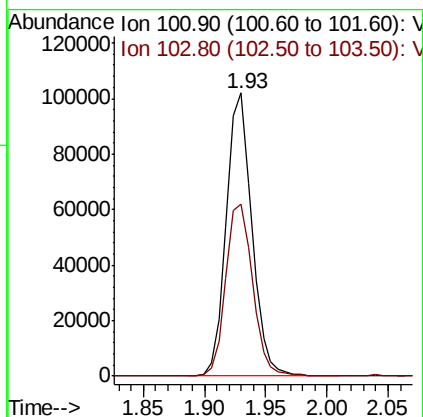
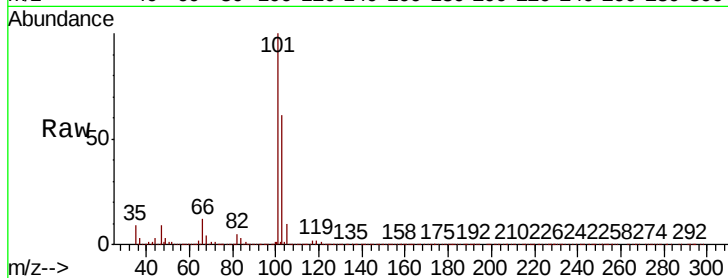
Trichlorofluoromethane
Concen: 19.382 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	146923		
103	60.8	52.2	78.4	

Manual Integrations
APPROVED

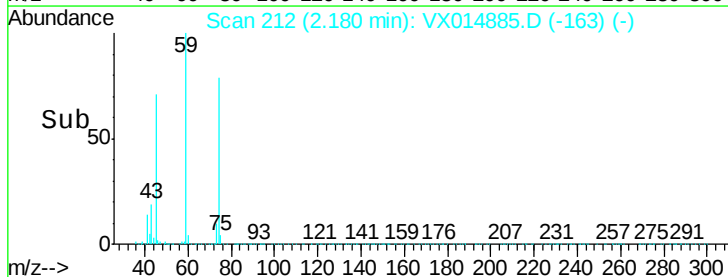
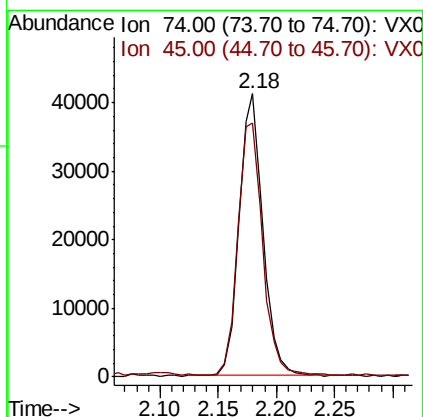
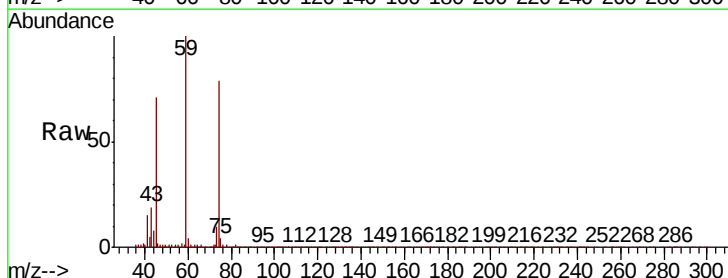
MMDadoda
2/11/2020 10:35:36 AM

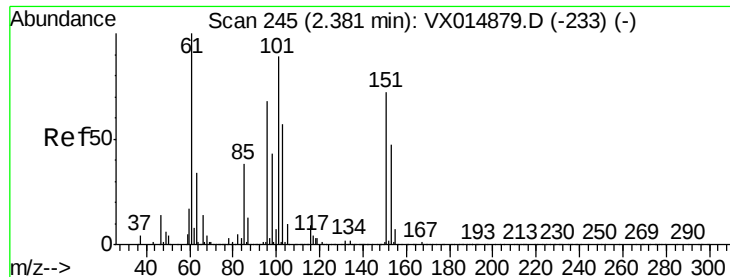


#8

Diethyl Ether
Concen: 18.600 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	58471		
45	93.4	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.767 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

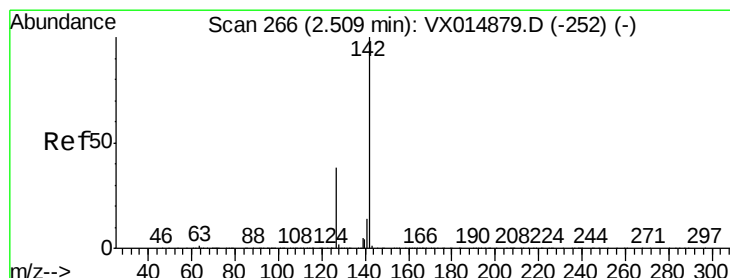
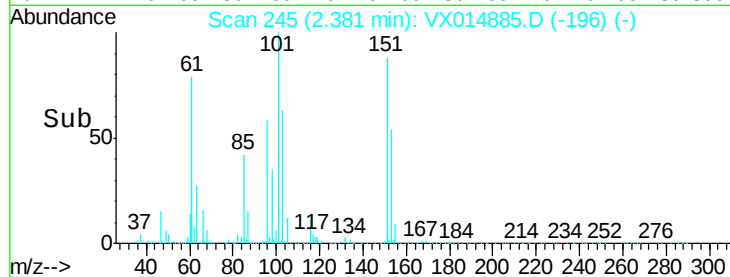
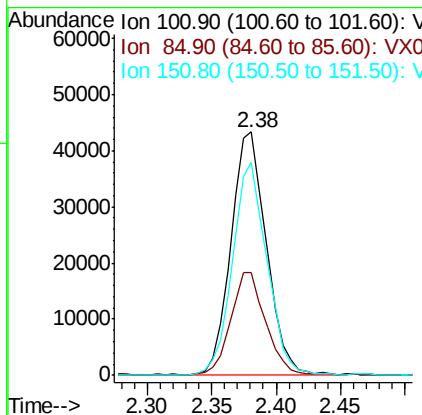
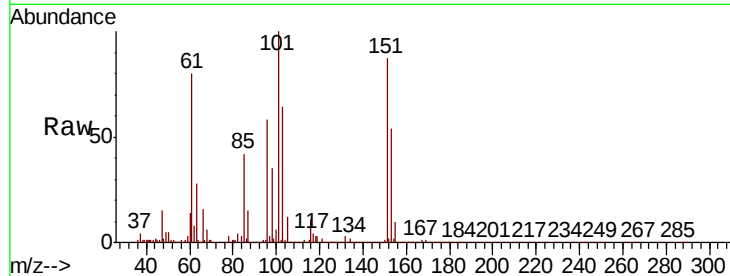
ClientSampleId :

VX0210WBS01

Tot Ion:	101	Resp:	82577
Ion Ratio	Lower	Upper	
101	100		
85	41.1	34.1	51.1
151	85.2	67.3	100.9

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#10

Methyl Iodide

Concen: 17.921 ug/l

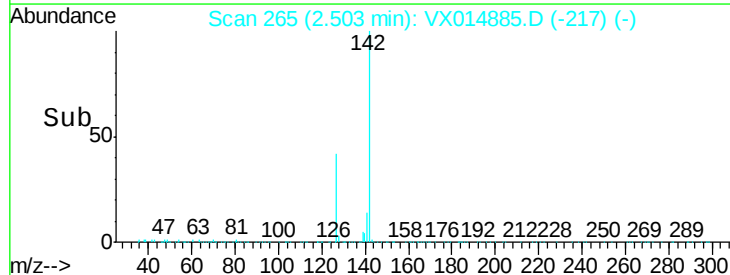
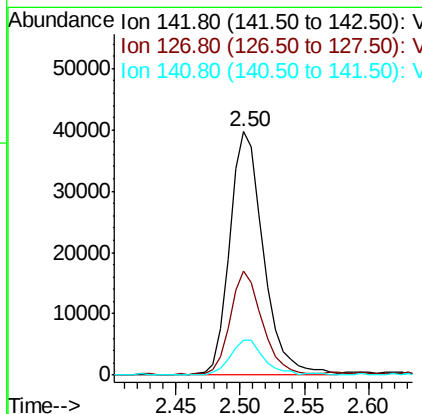
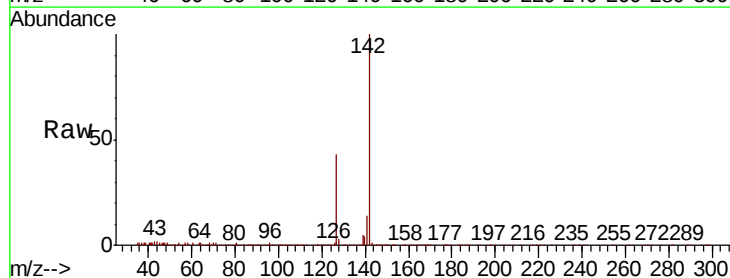
RT: 2.50 min Scan# 265

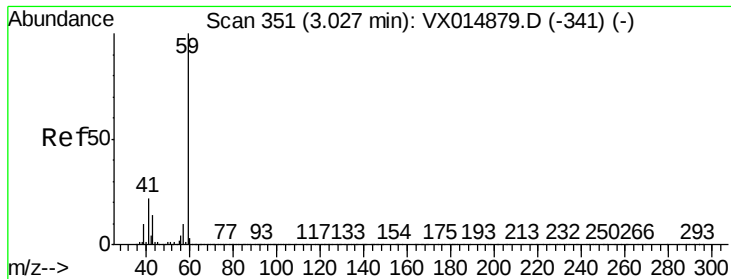
Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion:	142	Resp:	72846
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.1	46.7
141	14.5	11.3	16.9





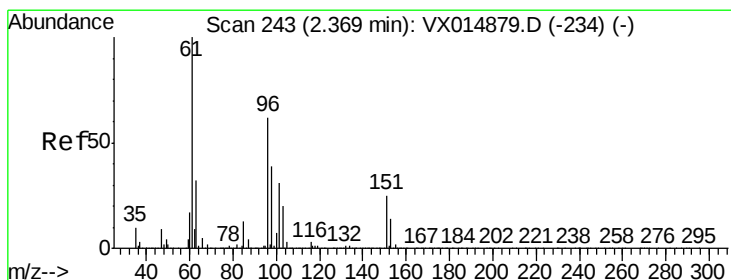
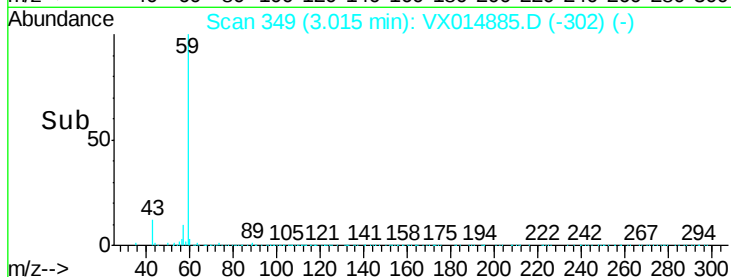
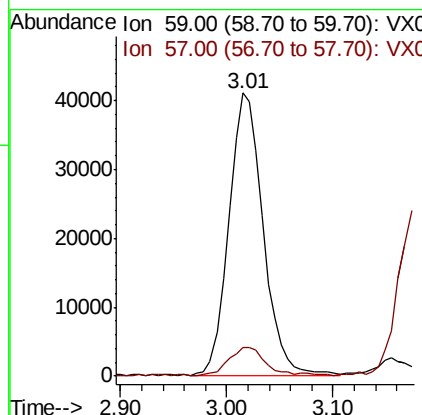
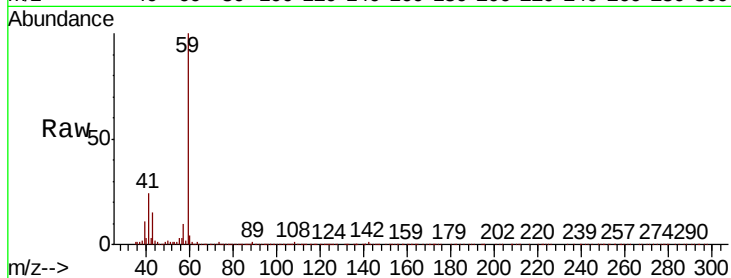
#11
Tert butyl alcohol
Concen: 99.750 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion: 59 Resp: 93242
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

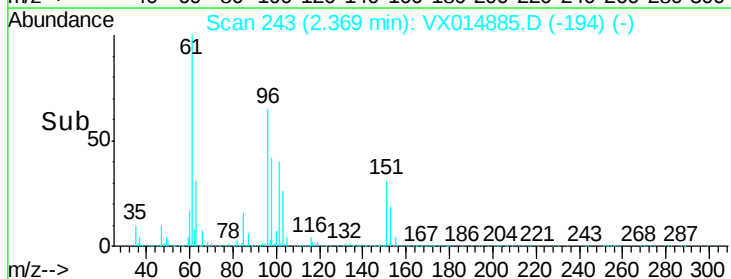
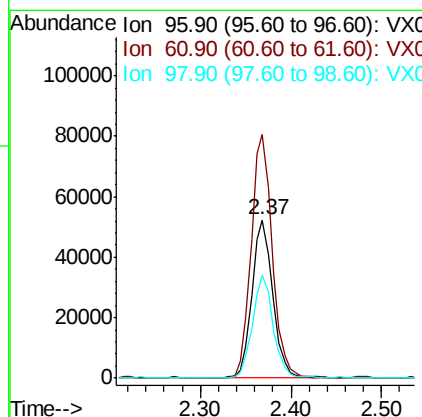
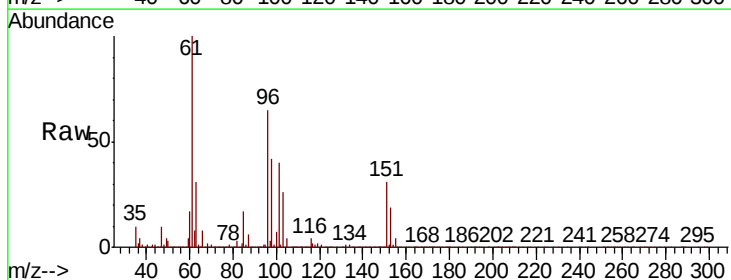
Manual Integrations
APPROVED

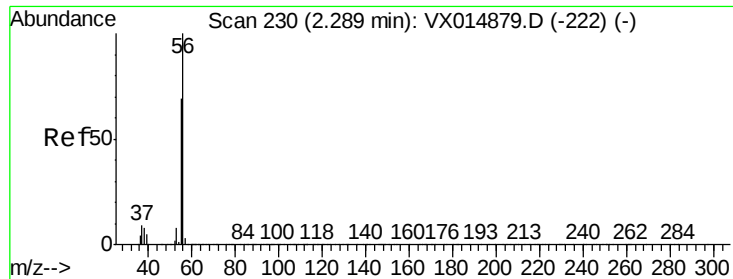
MMDadoda
2/11/2020 10:35:36 AM



#12
1,1-Dichloroethene
Concen: 19.496 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion: 96 Resp: 83826
Ion Ratio Lower Upper
96 100
61 153.4 129.5 194.3
98 64.7 50.6 76.0





#13

Acrolein

Concen: 86.409 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion: 56 Resp: 61561

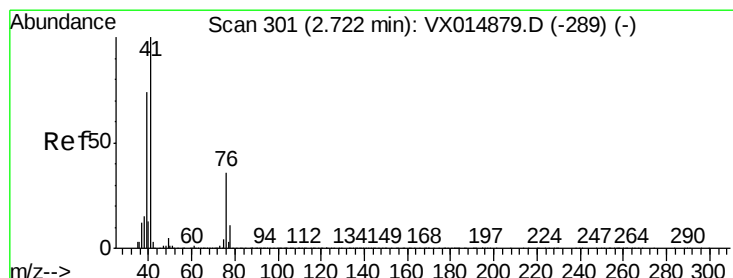
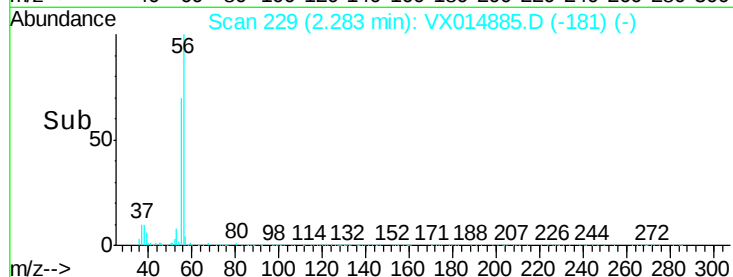
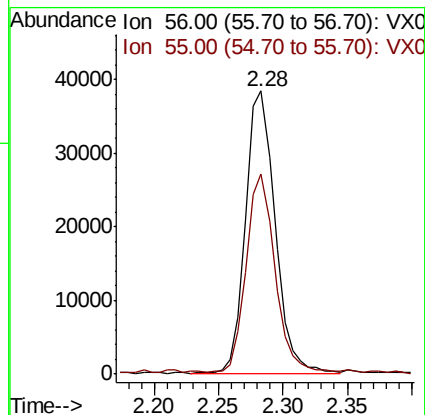
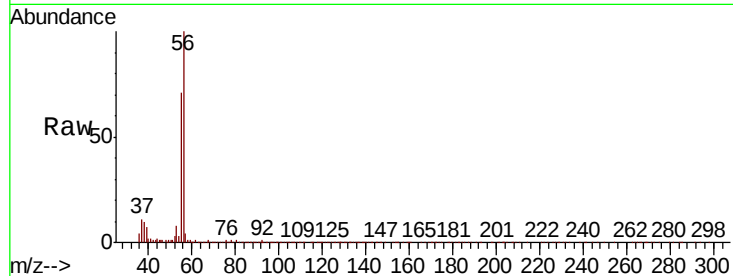
Ion Ratio Lower Upper

56 100

55 68.2 55.0 82.4

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#14

Allyl chloride

Concen: 17.992 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

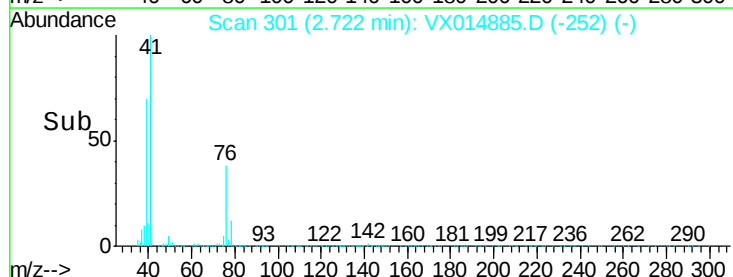
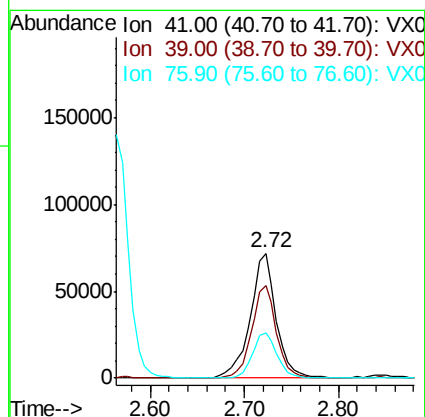
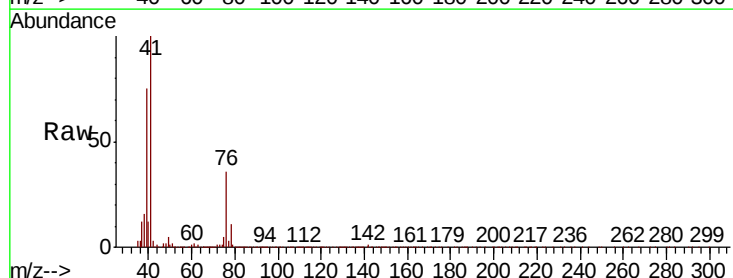
Tgt Ion: 41 Resp: 137158

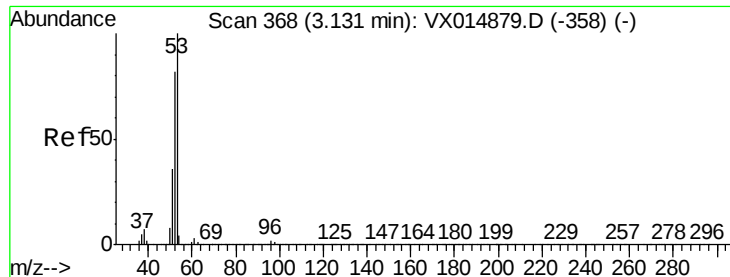
Ion Ratio Lower Upper

41 100

39 70.0 55.2 82.8

76 34.7 26.8 40.2





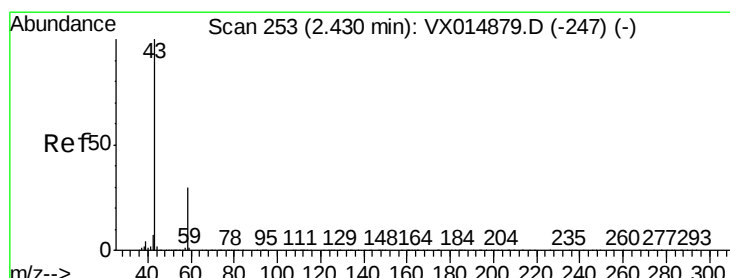
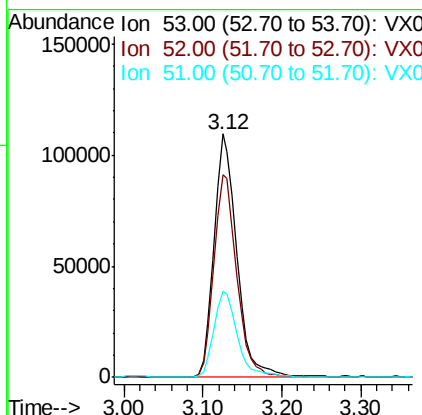
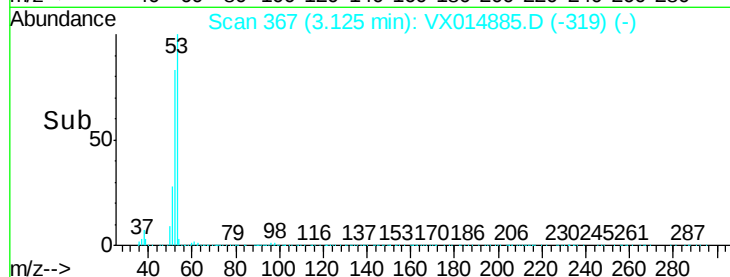
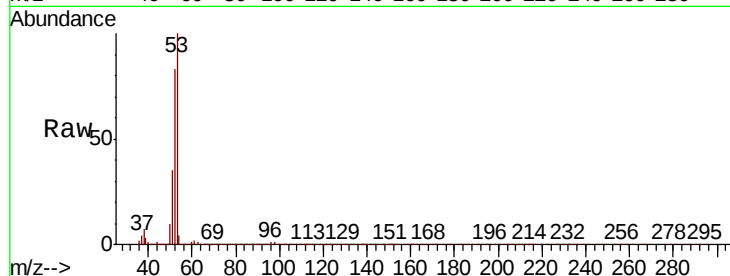
#15
Acrylonitrile
Concen: 92.844 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.5	65.8	98.6	
51	36.4	29.1	43.7	

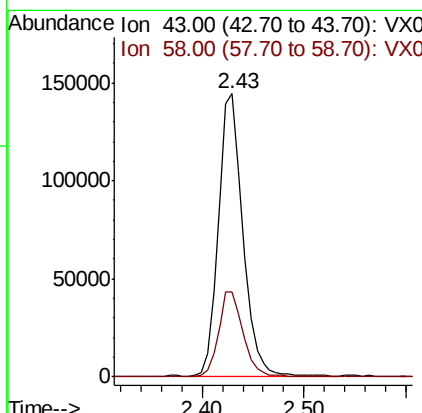
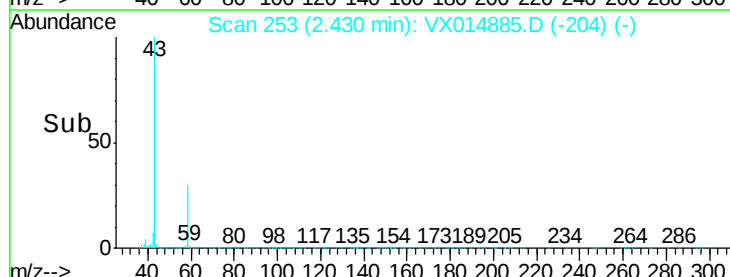
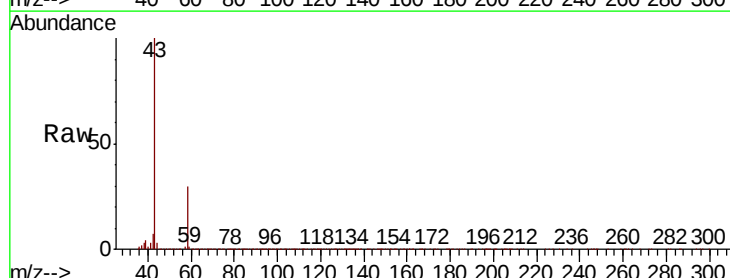
Manual Integrations
APPROVED

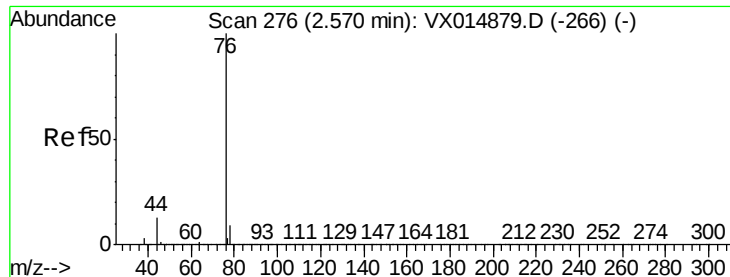
MMDadoda
2/11/2020 10:35:36 AM



#16
Acetone
Concen: 76.963 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	29.8	24.1	36.1	





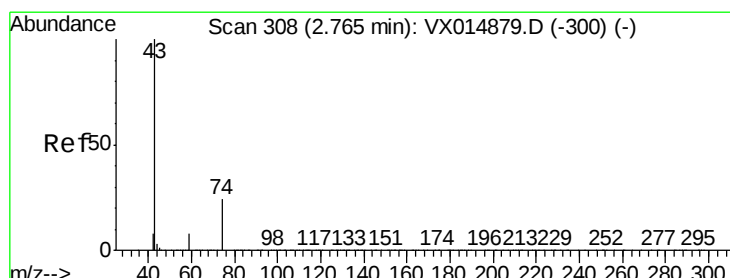
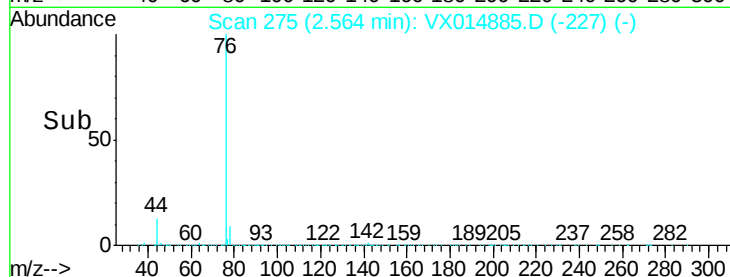
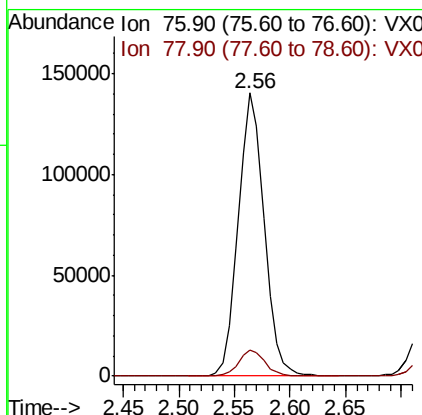
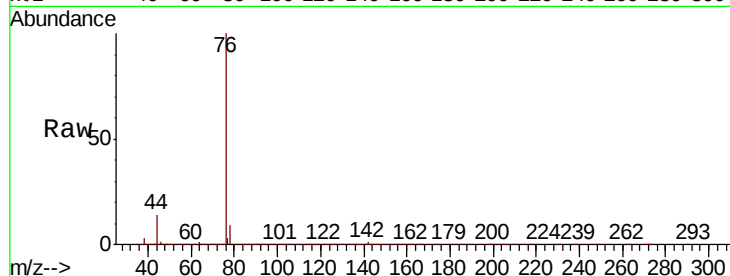
#17
Carbon Disulfide
Concen: 18.877 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

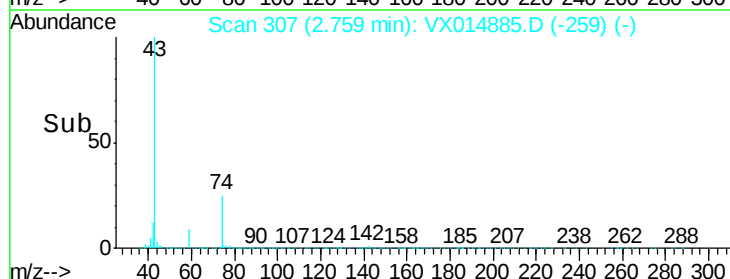
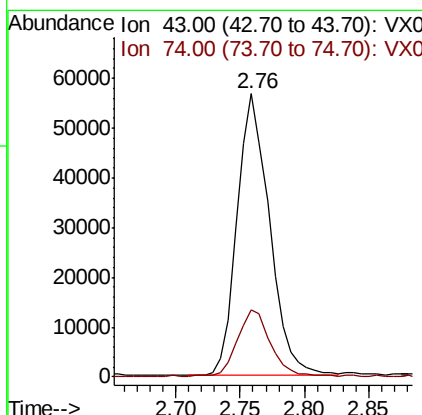
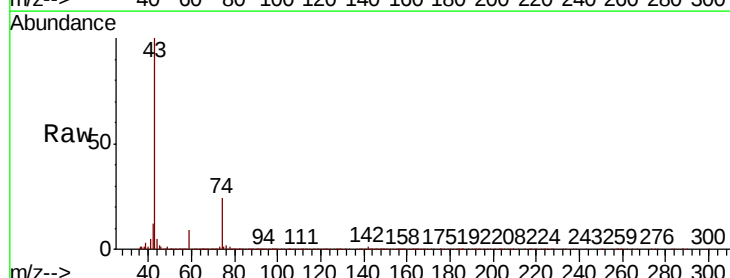
Manual Integrations
APPROVED

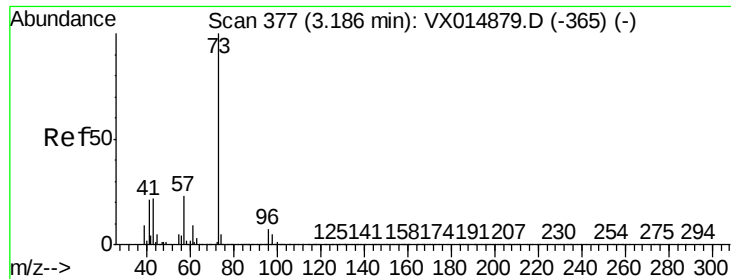
MMDadoda
2/11/2020 10:35:36 AM



#18
Methyl Acetate
Concen: 18.674 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.0





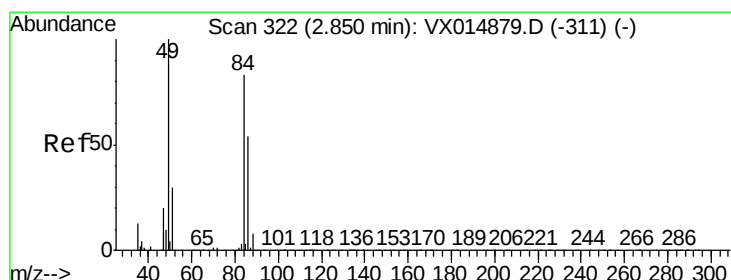
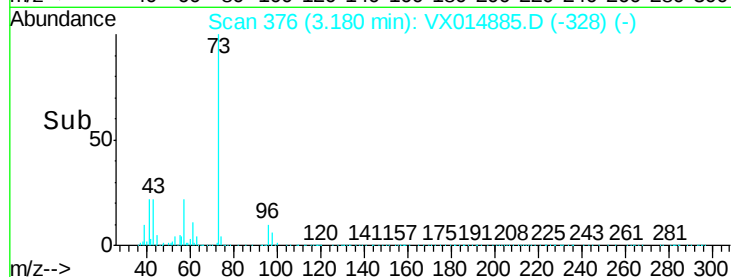
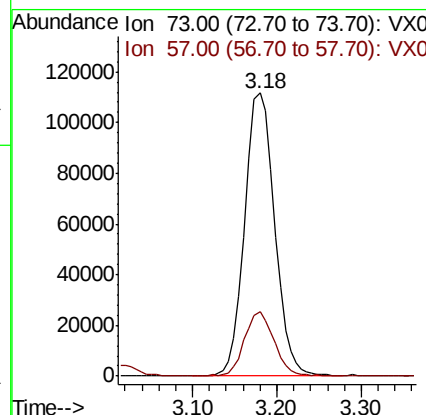
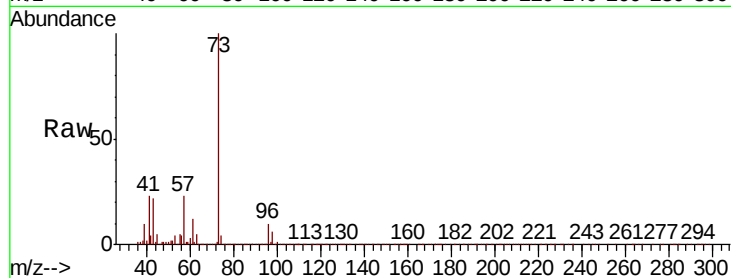
#19
Methvl tert-butvl Ether
Concen: 19.121 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.2	27.4

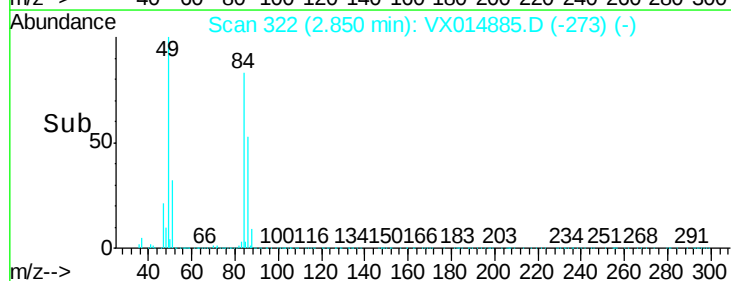
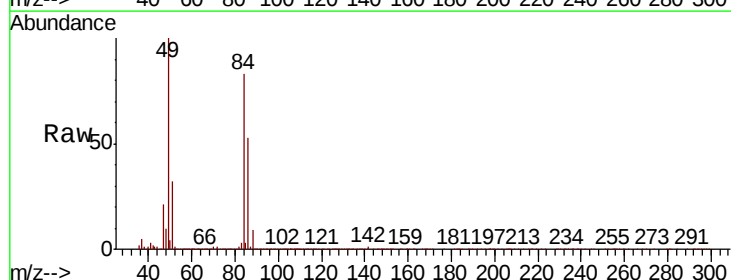
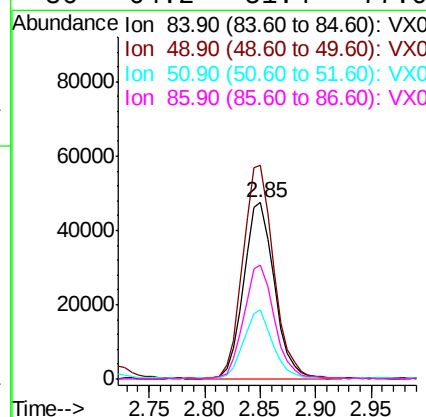
Manual Integrations
APPROVED

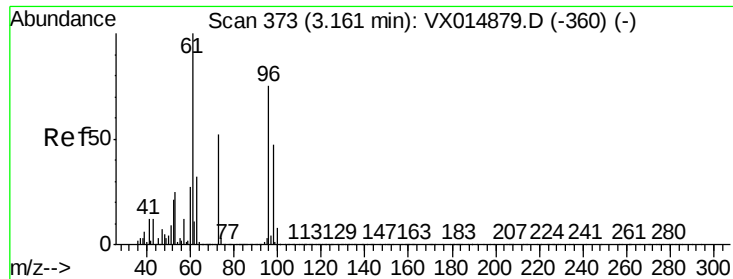
MMDadoda
2/11/2020 10:35:36 AM



#20
Methylene Chloride
Concen: 17.873 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	95.6	143.4
51	38.5	29.0	43.6
86	64.2	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 18.794 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

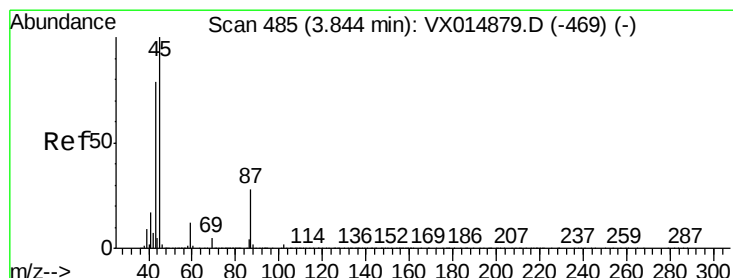
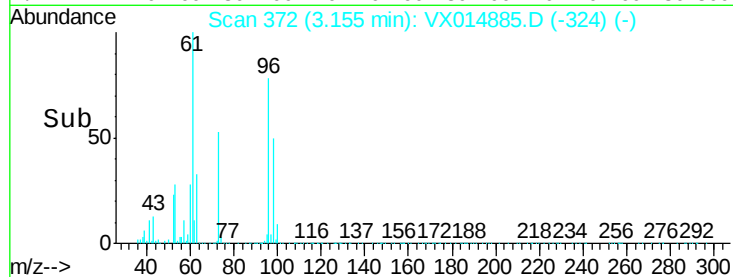
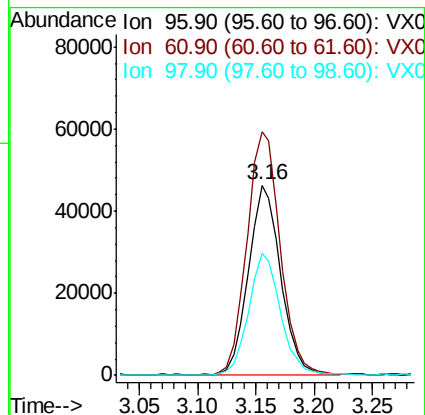
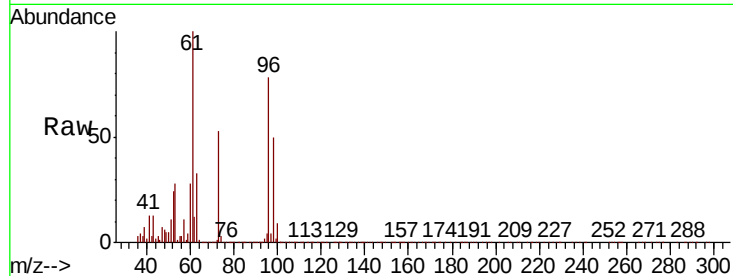
ClientSampleId :

VX0210WBS01

Tot Ion:	96	Resp:	89167
Ion Ratio	Lower	Upper	
96	100		
61	128.3	106.9	160.3
98	64.0	50.7	76.1

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#22

Diisopropyl ether

Concen: 18.790 ug/l

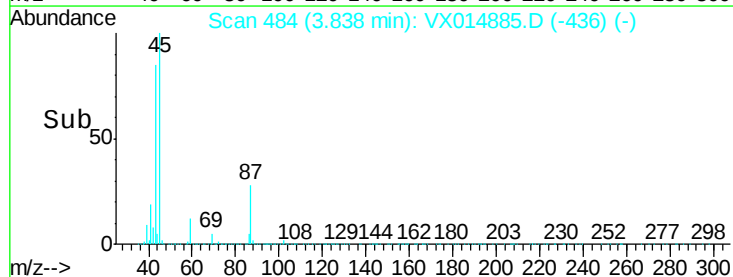
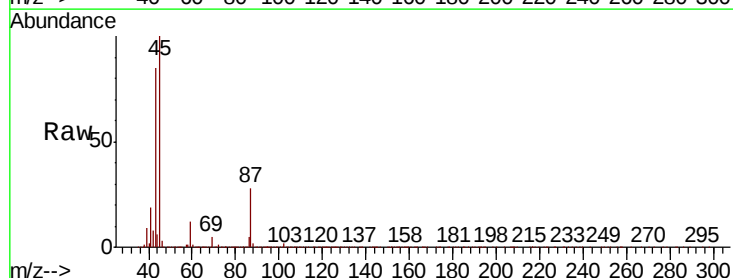
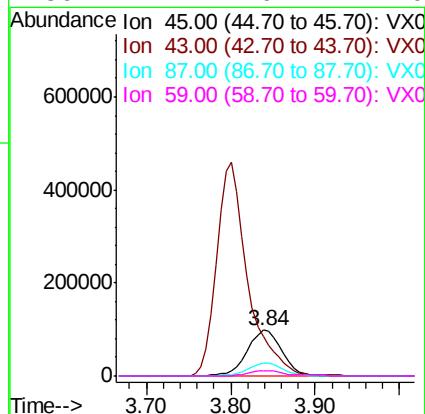
RT: 3.84 min Scan# 484

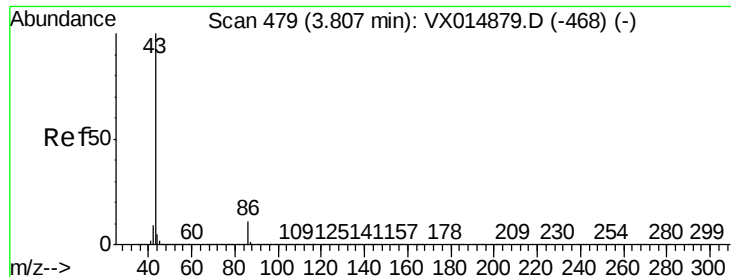
Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion:	45	Resp:	273584
Ion Ratio	Lower	Upper	
45	100		
43	84.4	63.5	95.3
87	27.8	22.2	33.4
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 97.539 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0210WBS01

Tot Ion: 43 Resp: 1170713

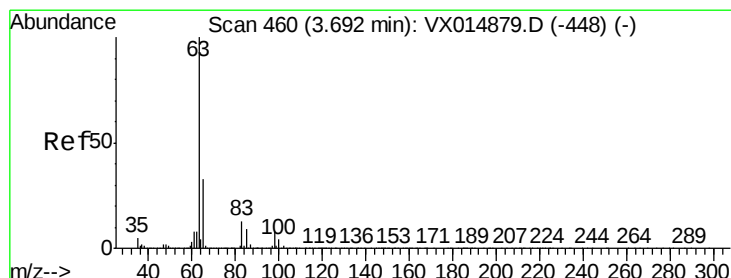
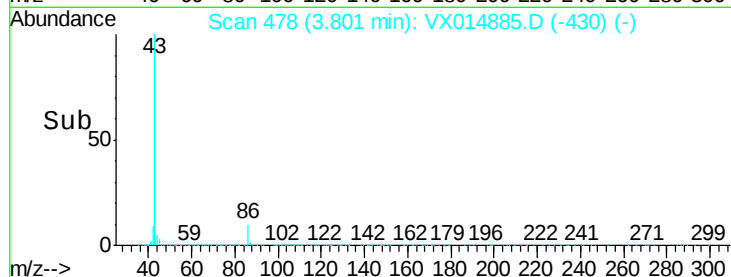
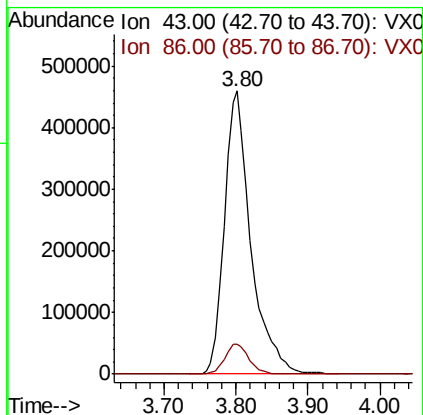
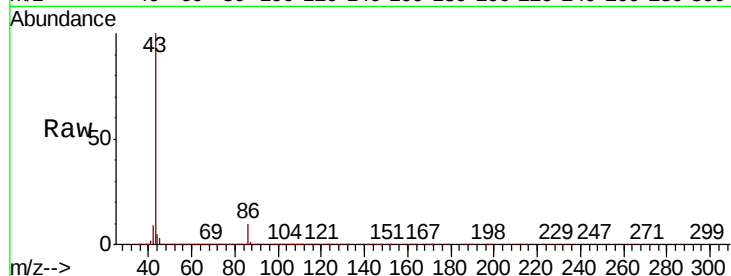
Ion Ratio Lower Upper

43 100

86 10.4 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#24

1,1-Dichloroethane

Concen: 18.619 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

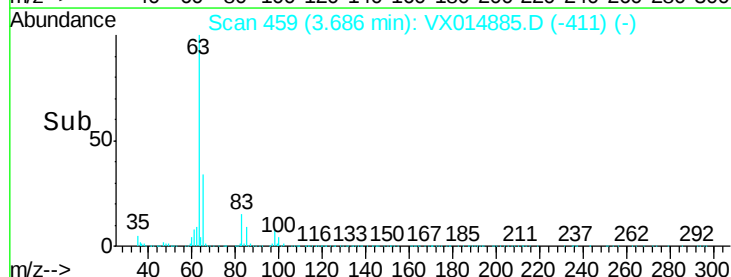
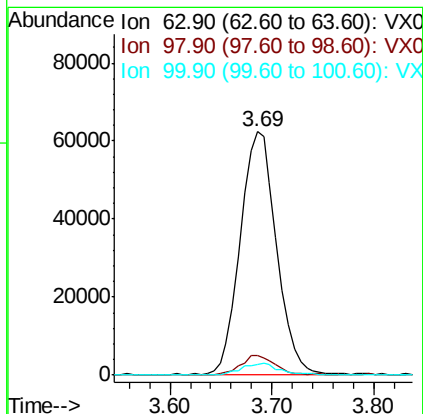
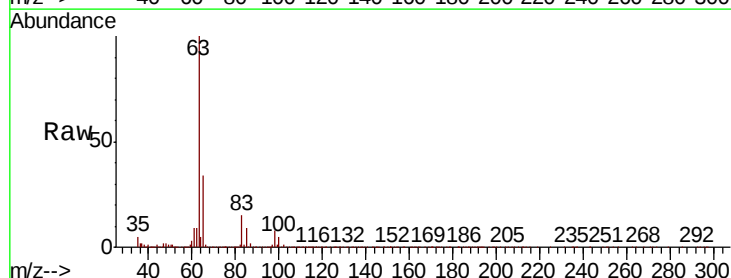
Tgt Ion: 63 Resp: 153000

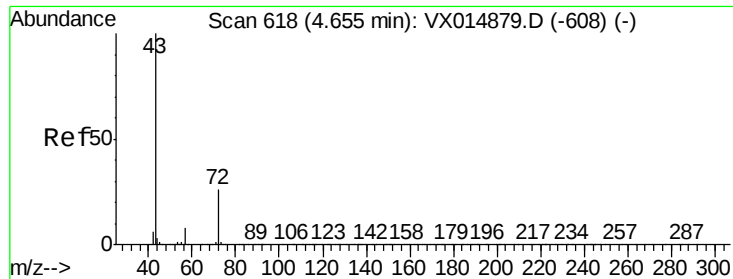
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 89.817 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion: 43 Resp: 323725

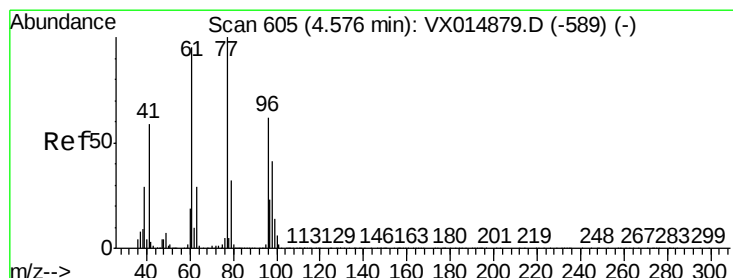
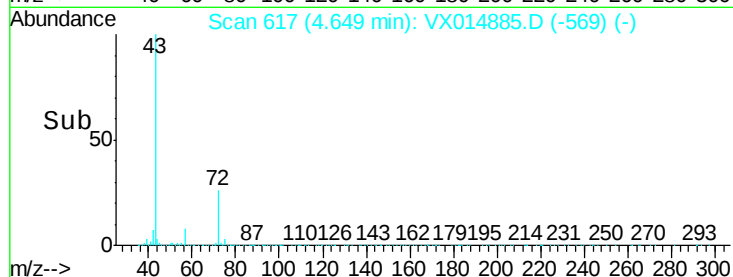
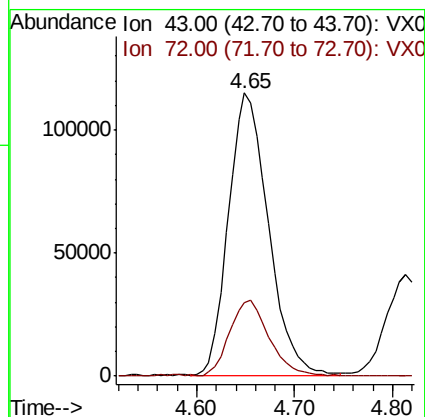
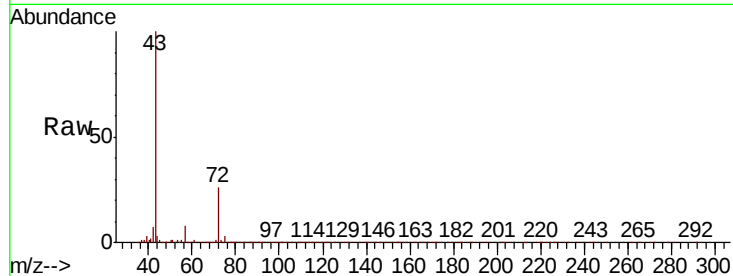
Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#26

2,2-Dichloropropane

Concen: 18.404 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014885.D

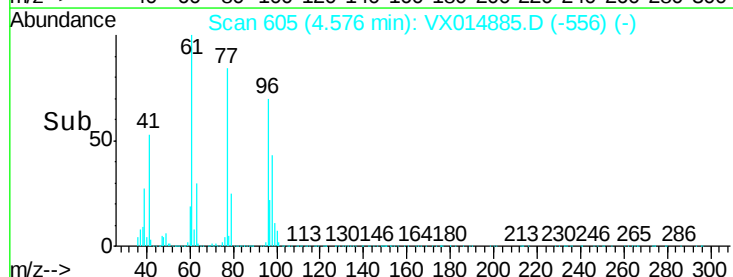
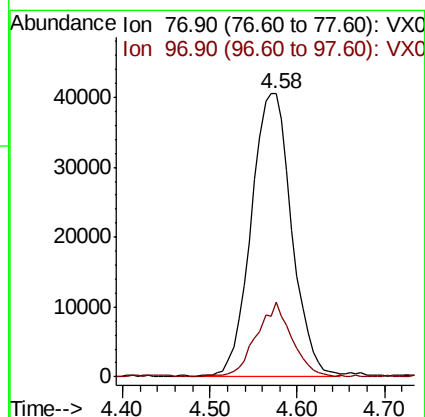
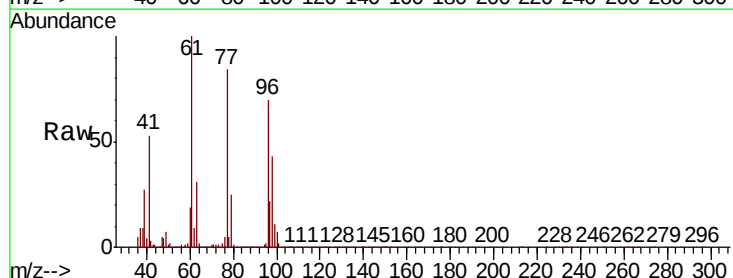
Acq: 10 Feb 2020 13:58

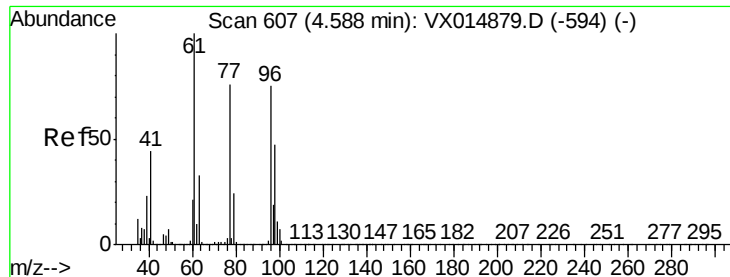
Tgt Ion: 77 Resp: 130330

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

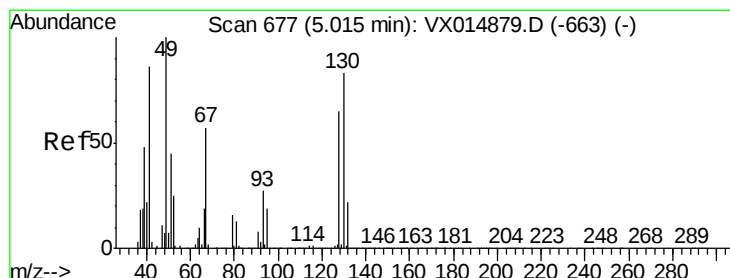
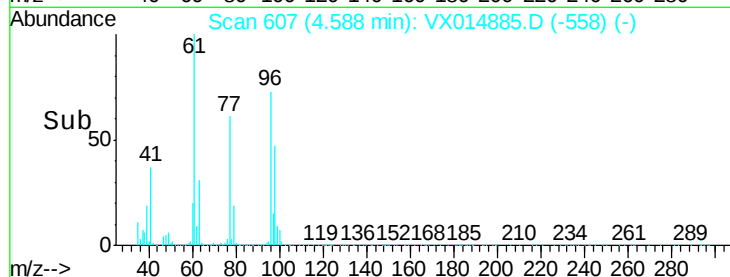
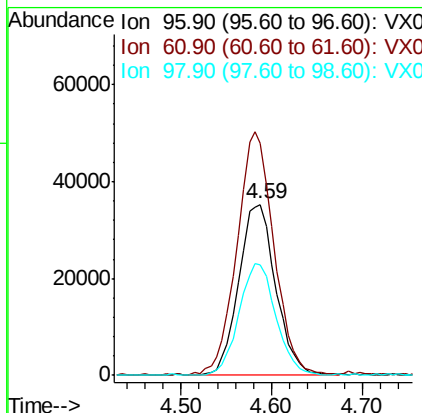
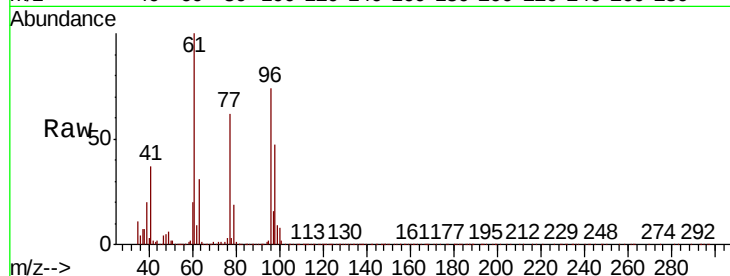
cis-1,2-Dichloroethene
Concen: 18.714 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.2
98	65.0	0.0	131.0

Manual Integrations
APPROVED

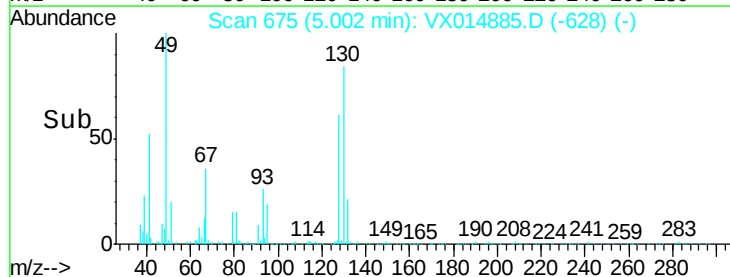
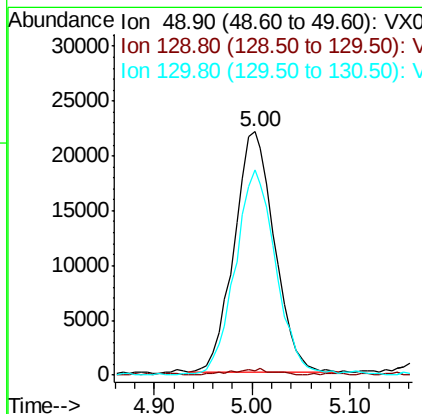
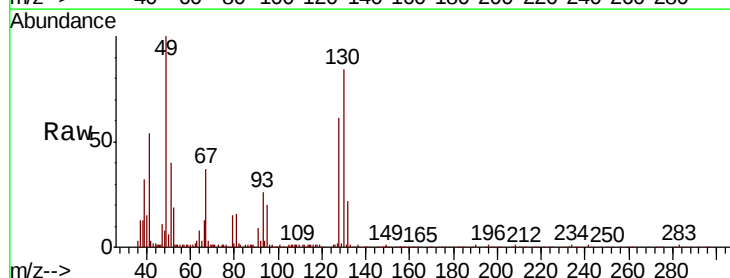
MMDadoda
2/11/2020 10:35:36 AM

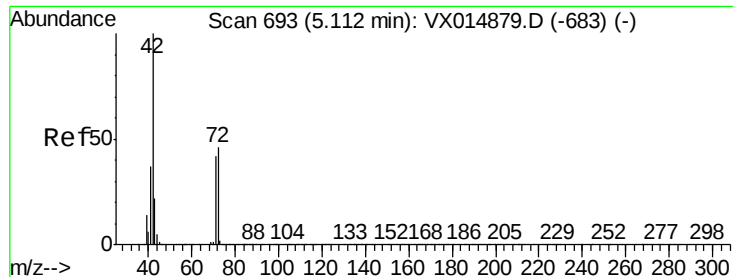


#28

Bromochloromethane
Concen: 19.778 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	84.7	67.4	101.2





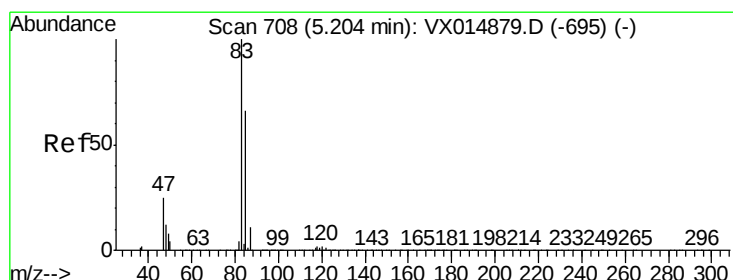
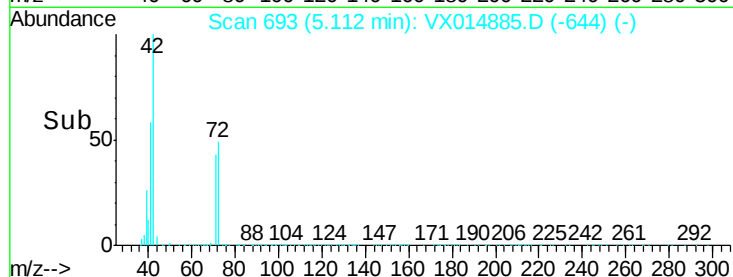
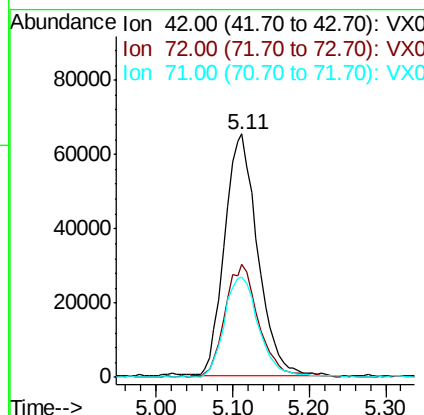
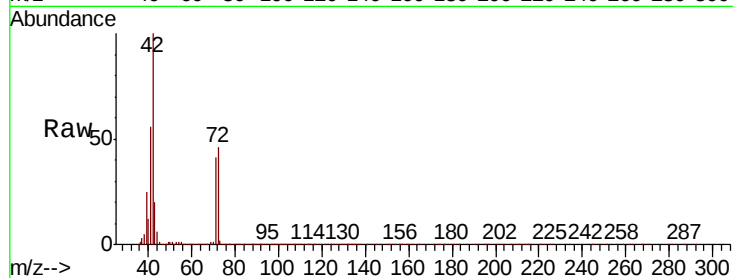
#29
Tetrahydrofuran
Concen: 95.175 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	36.9	55.3
71	42.2	34.1	51.1

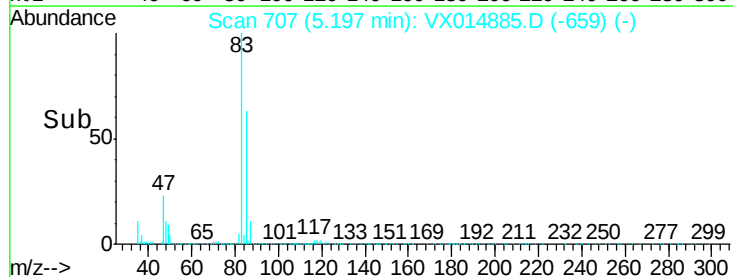
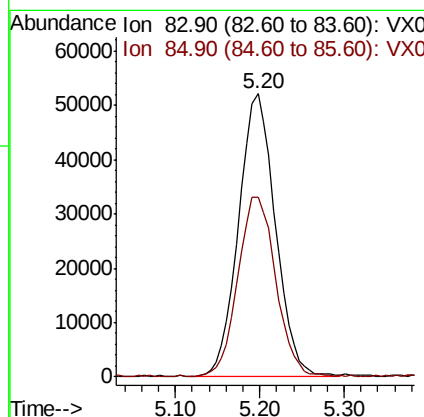
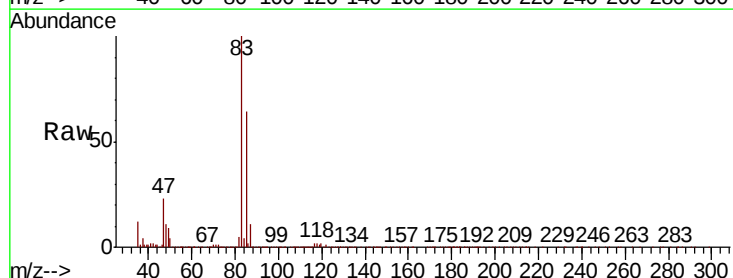
Manual Integrations
APPROVED

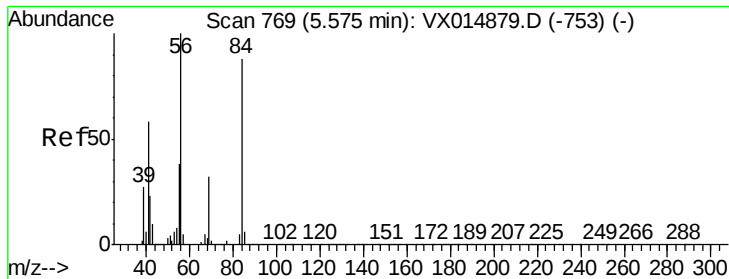
MMDadoda
2/11/2020 10:35:36 AM



#30
Chloroform
Concen: 18.876 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.9	79.3





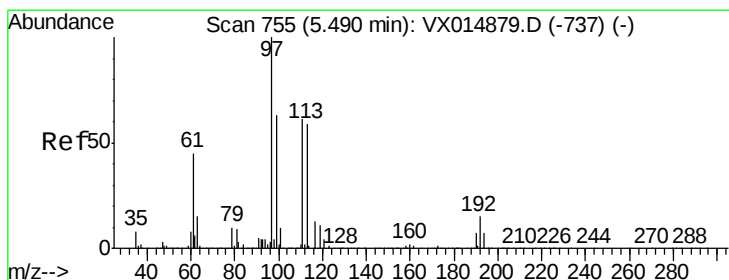
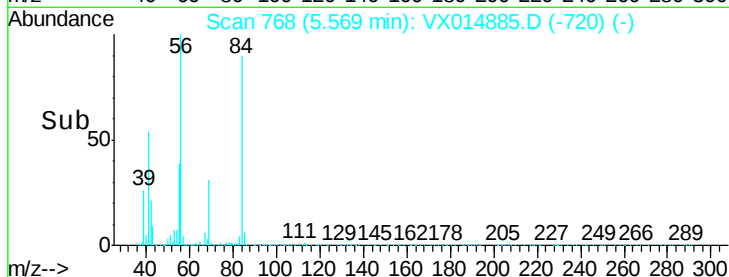
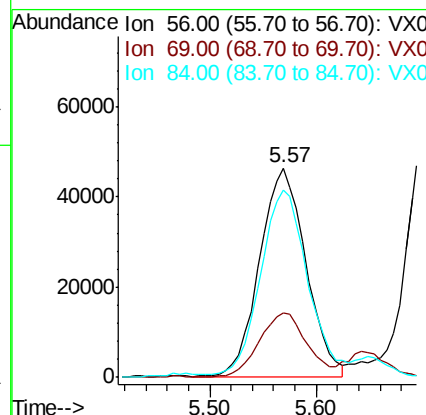
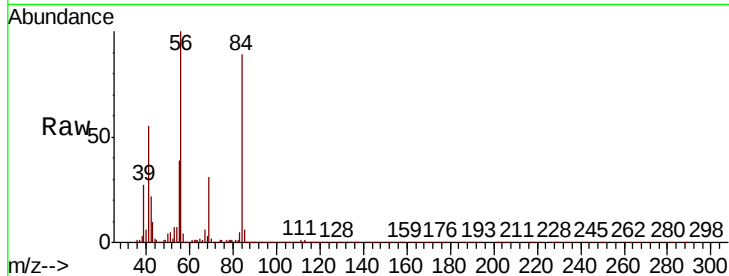
#31
Cyclohexane
Concen: 18.724 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.9	38.9
84	88.1	70.4	105.6

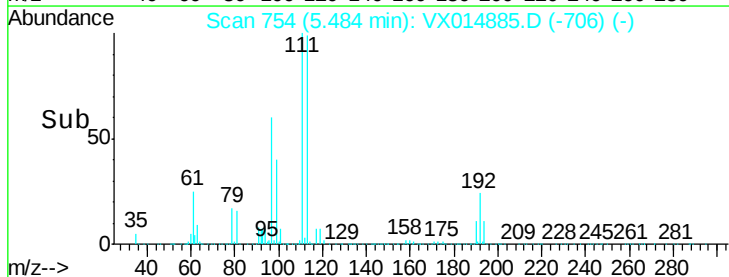
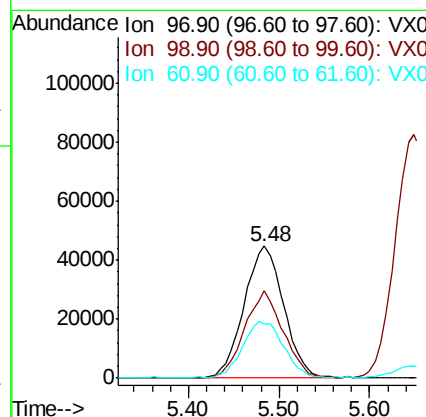
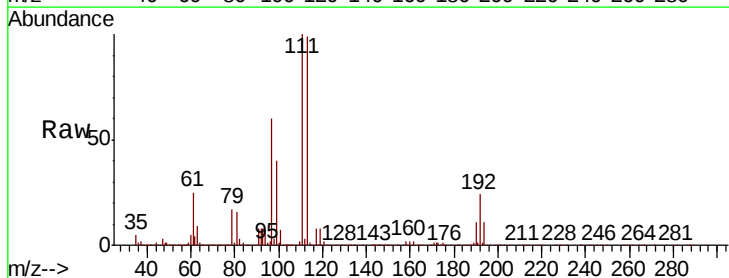
Manual Integrations
APPROVED

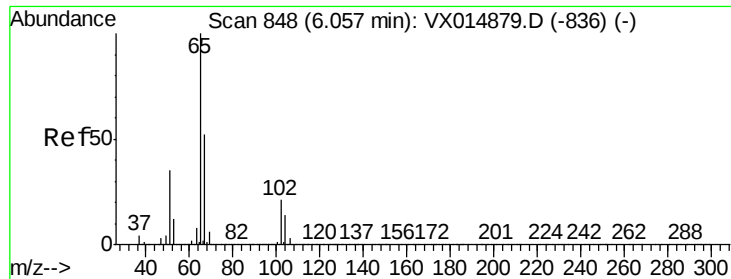
MMDadoda
2/11/2020 10:35:36 AM



#32
1,1,1-Trichloroethane
Concen: 18.800 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	44.2	36.3	54.5





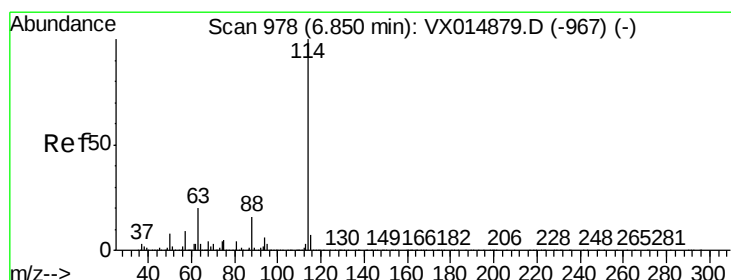
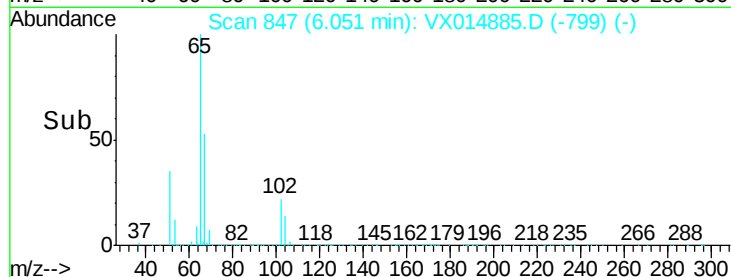
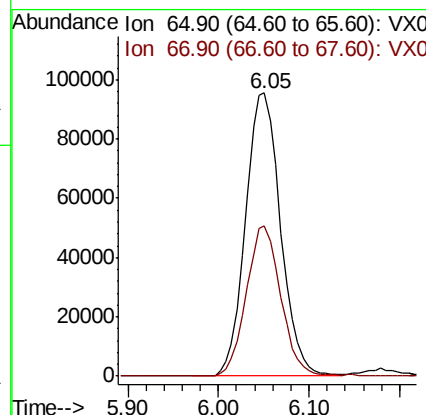
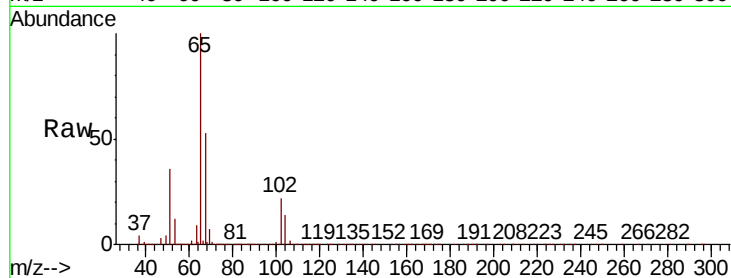
#33
 1,2-Dichloroethane-d4
 Concen: 48.181 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014885.D
 Acq: 10 Feb 2020 13:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX0210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	255080		
67	52.1	0.0	103.0	

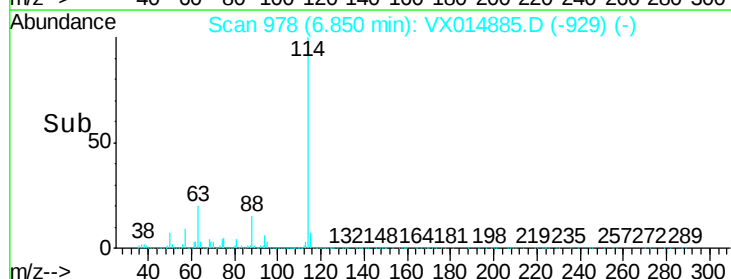
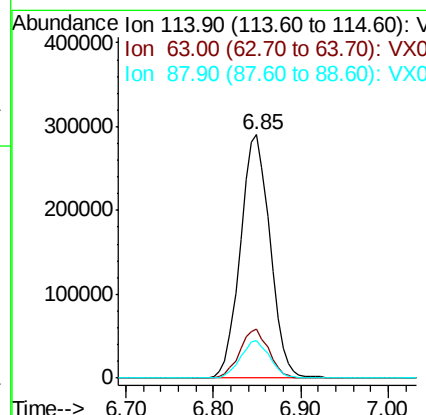
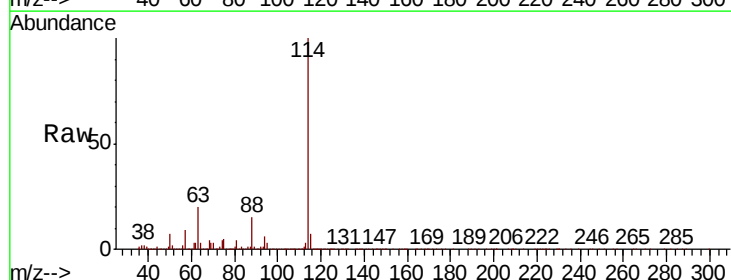
Manual Integrations
 APPROVED

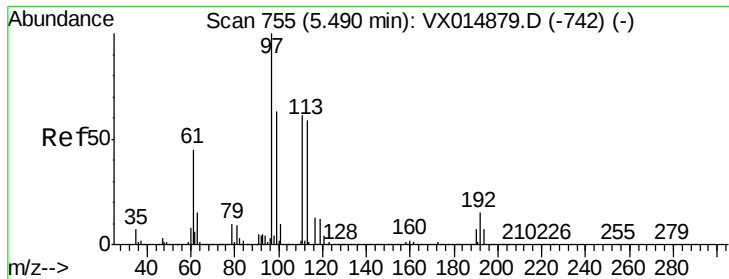
MMDadoda
 2/11/2020 10:35:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014885.D
 Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	686958		
63	19.8	0.0	39.2	
88	15.2	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.426 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

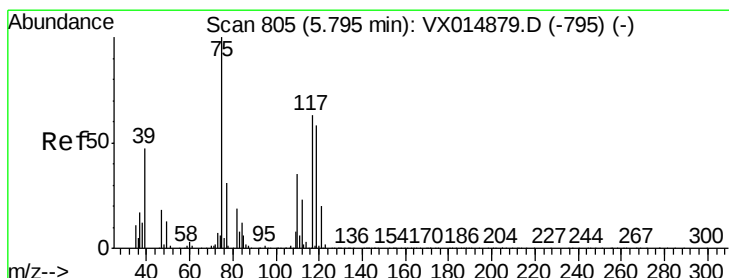
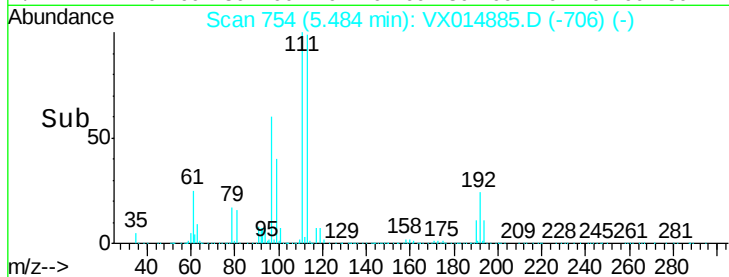
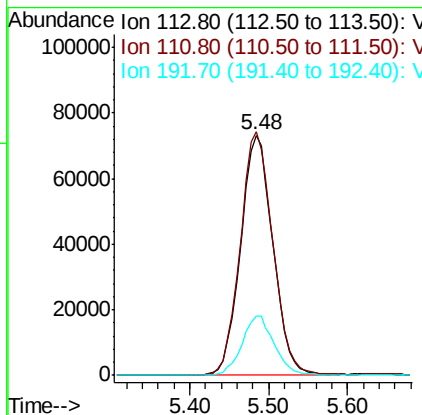
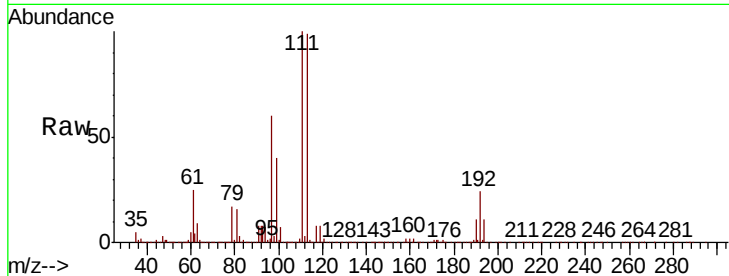
ClientSampleId :

VX0210WBS01

Tot Ion:	113	Resp:	208740
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.4	123.6
192	24.7	19.1	28.7

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#36

1,1-Dichloropropene

Concen: 19.007 ug/l

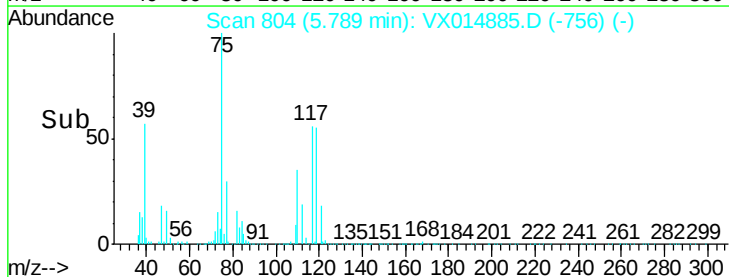
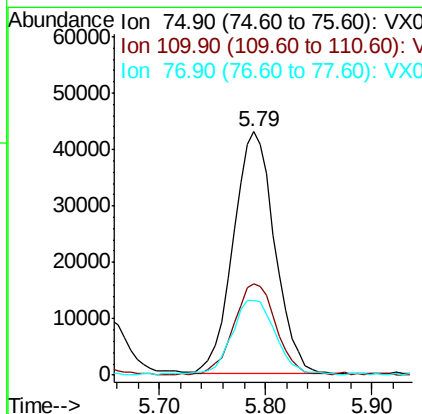
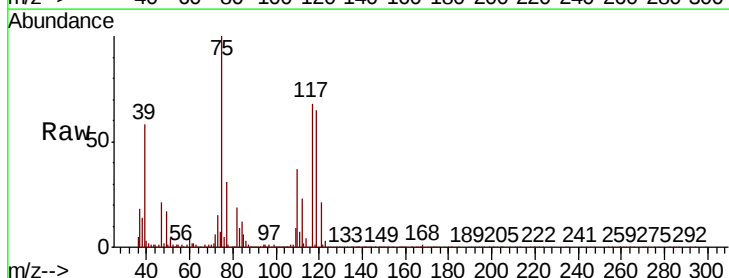
RT: 5.79 min Scan# 804

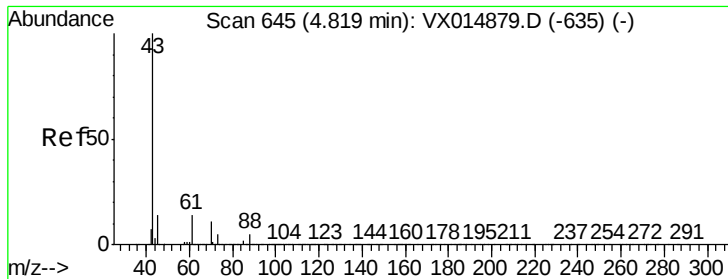
Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion:	75	Resp:	116796
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.3	54.8
77	32.3	24.6	36.8





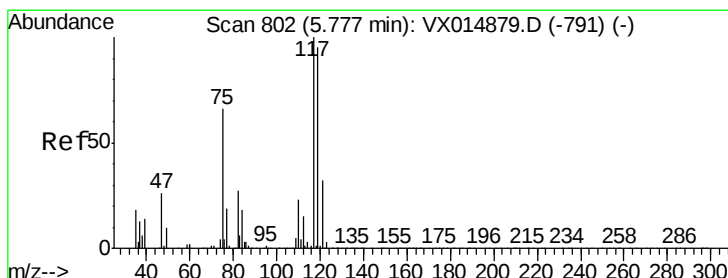
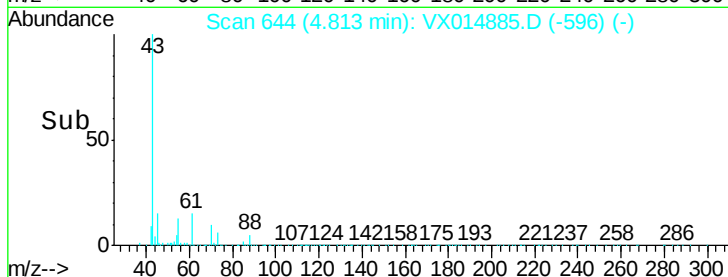
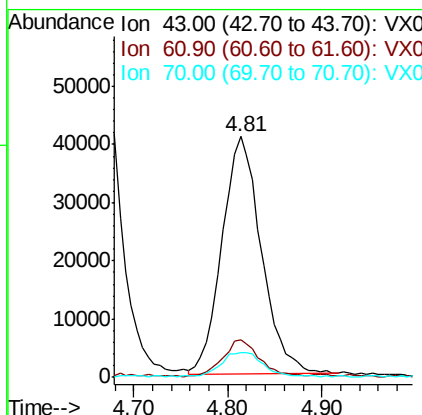
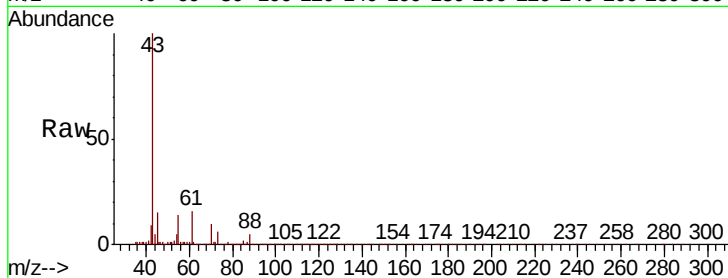
#37
Ethyl Acetate
Concen: 18.446 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	43	Resp	118224
Ion Ratio	Lower	Upper	
43	100		
61	14.2	10.9	16.3
70	10.9	8.7	13.1

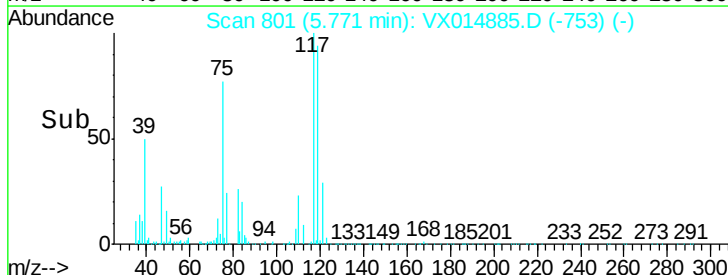
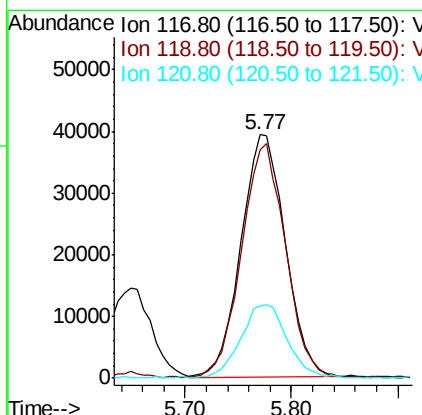
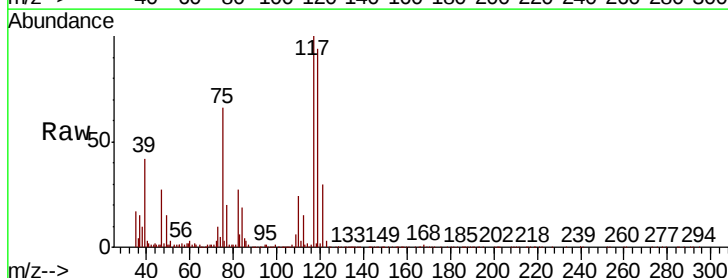
Manual Integrations
APPROVED

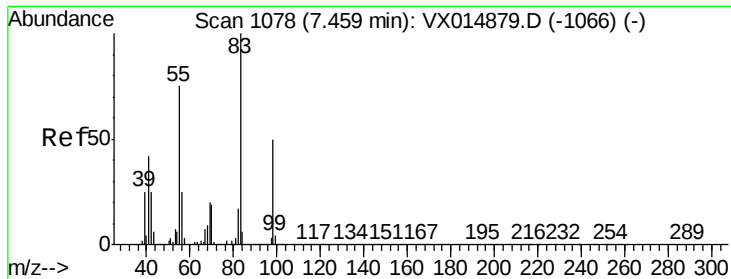
MMDadoda
2/11/2020 10:35:36 AM



#38
Carbon Tetrachloride
Concen: 19.121 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	117	Resp	114510
Ion Ratio	Lower	Upper	
117	100		
119	93.8	76.0	114.0
121	29.6	25.4	38.2





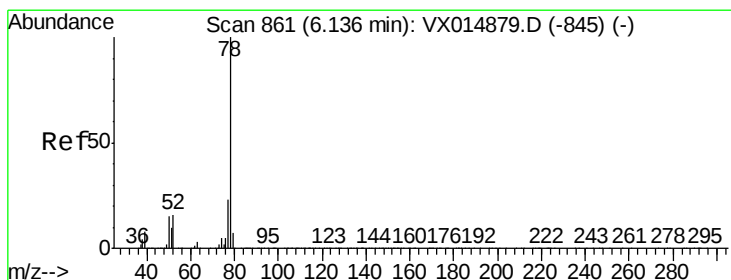
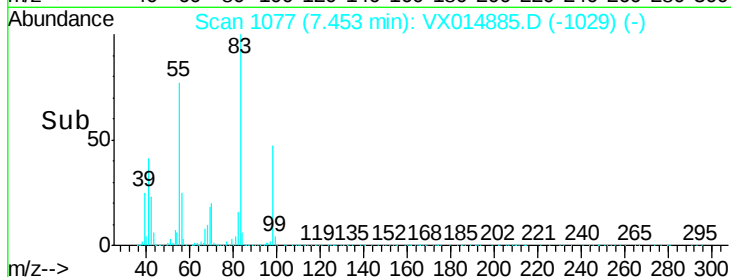
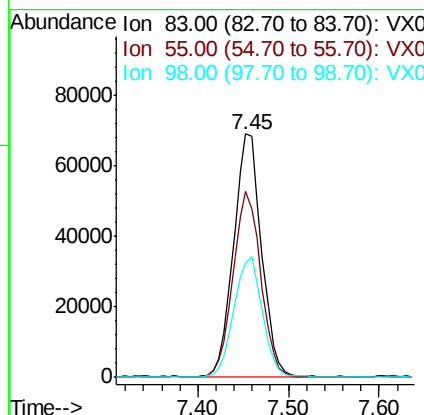
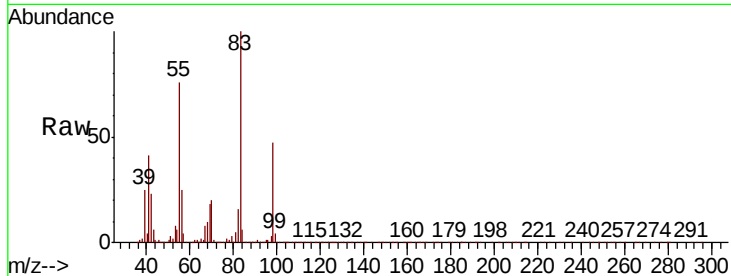
#39
Methvlcvclohexane
Concen: 19.135 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	147054		
55	76.3	60.0	90.0	
98	47.1	39.6	59.4	

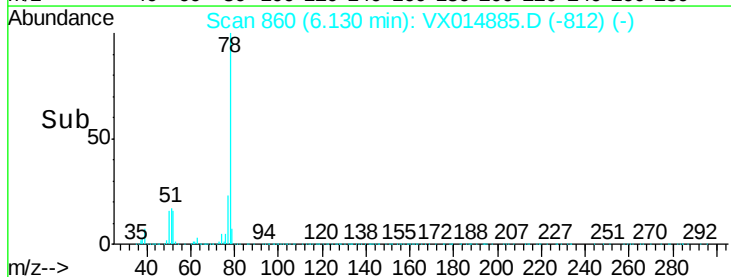
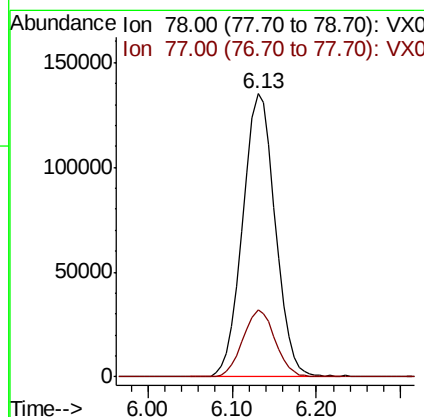
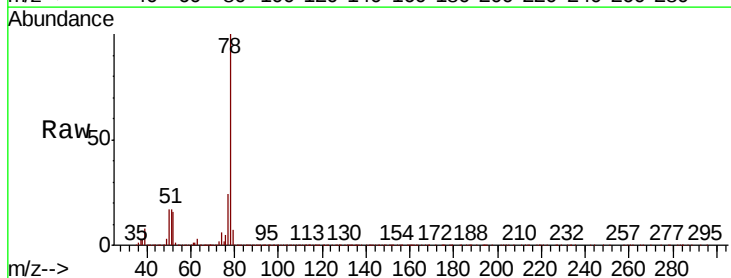
Manual Integrations
APPROVED

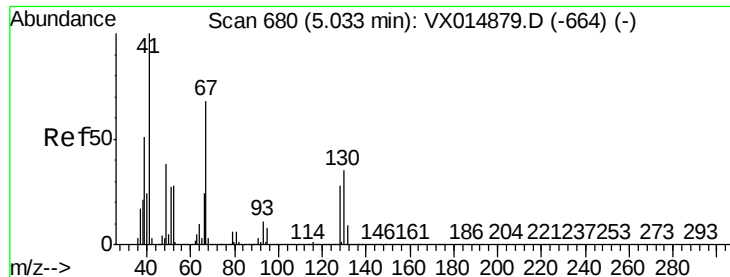
MMDadoda
2/11/2020 10:35:36 AM



#40
Benzene
Concen: 19.175 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	352062		
77	23.7	18.8	28.2	





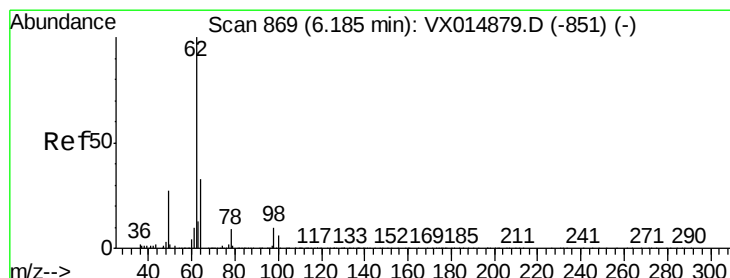
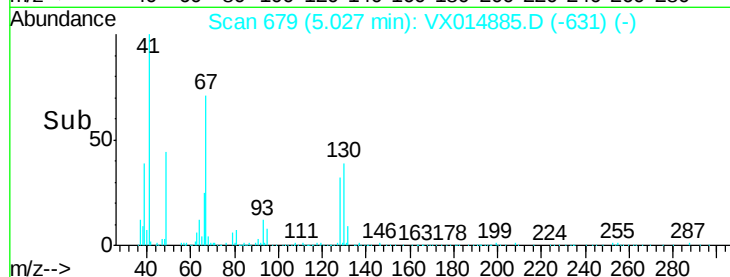
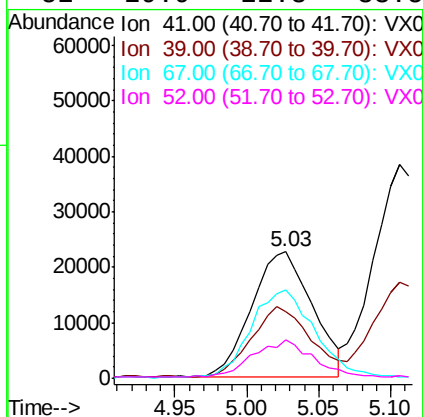
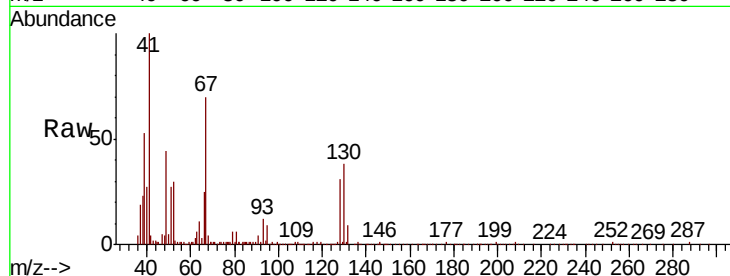
#41
Methacrylonitrile
Concen: 18.905 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ion	Ratio	Lower	Upper
65273	41	100		
	39	56.9	44.7	67.1
	67	75.2	56.6	84.8
	52	29.9	22.3	33.5

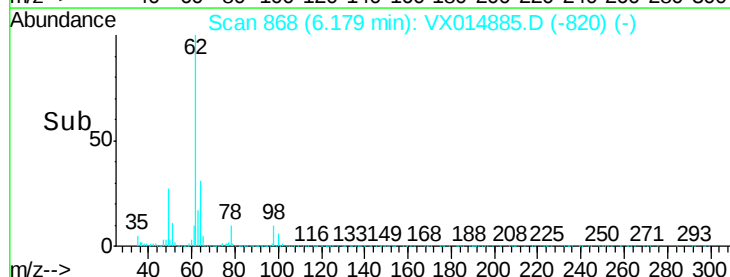
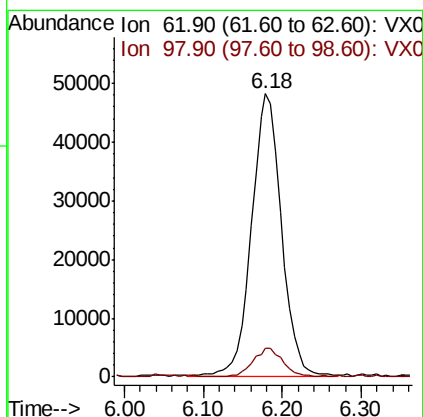
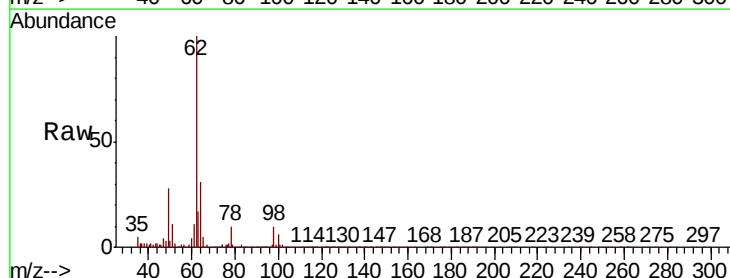
Manual Integrations
APPROVED

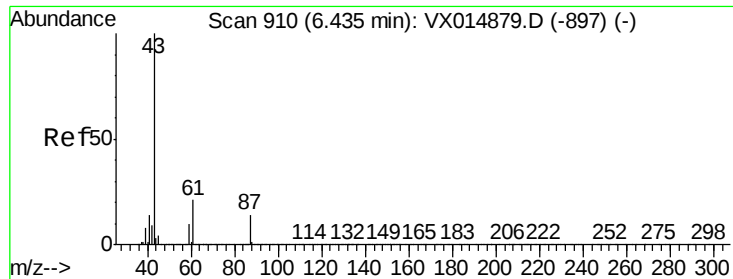
MMDadoda
2/11/2020 10:35:36 AM



#42
1,2-Dichloroethane
Concen: 18.945 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
125718	62	100		
	98	10.4	0.0	19.2





#43

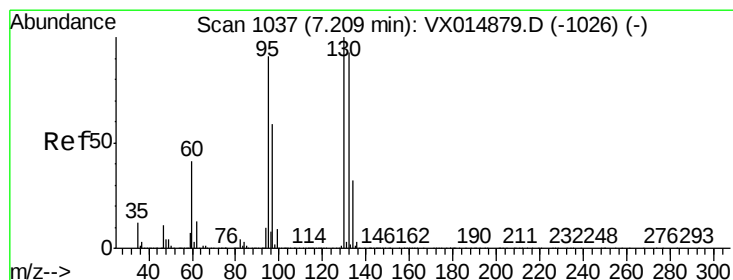
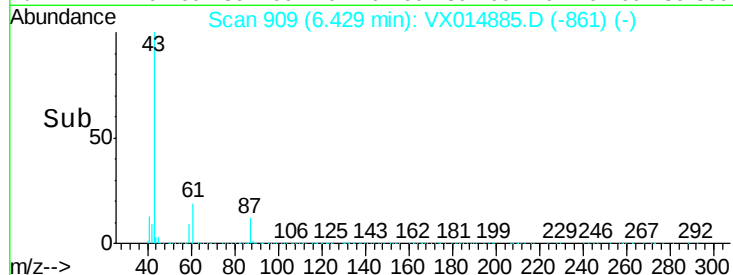
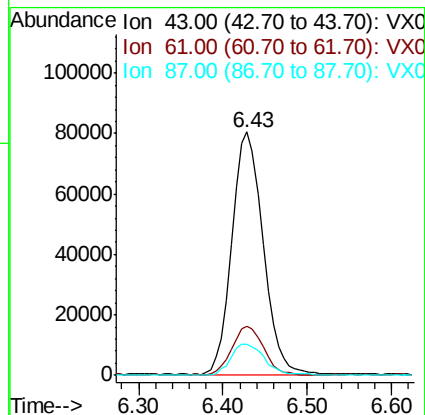
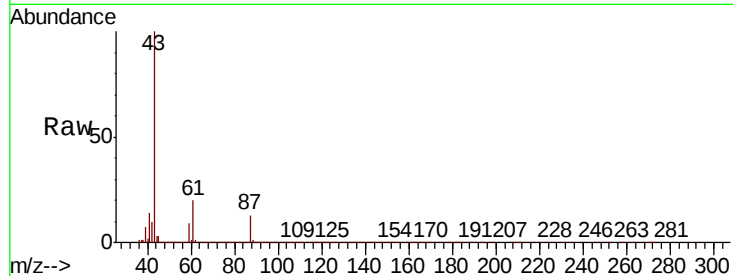
Isopropyl Acetate
 Concen: 19.047 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014885.D
 Acq: 10 Feb 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS01

Tot Ion:	43	Resp:	201376
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.4
87	13.6	11.0	16.6

Manual Integrations
 APPROVED

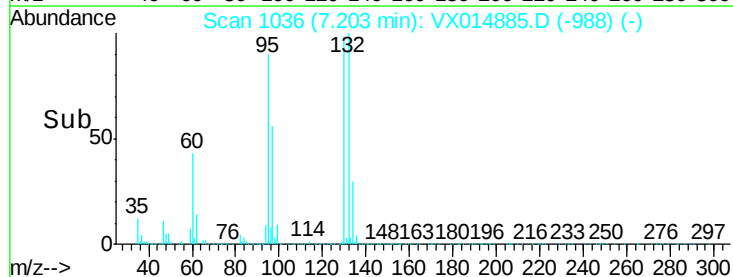
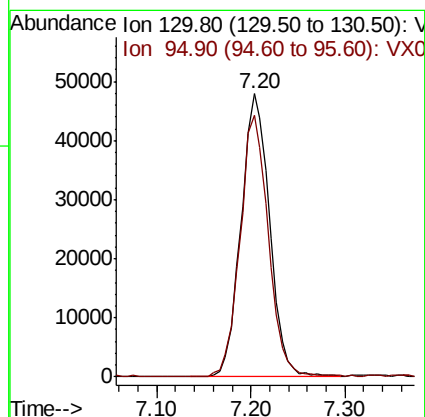
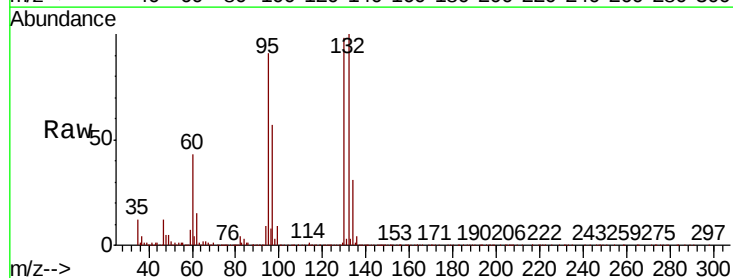
MMDadoda
 2/11/2020 10:35:36 AM

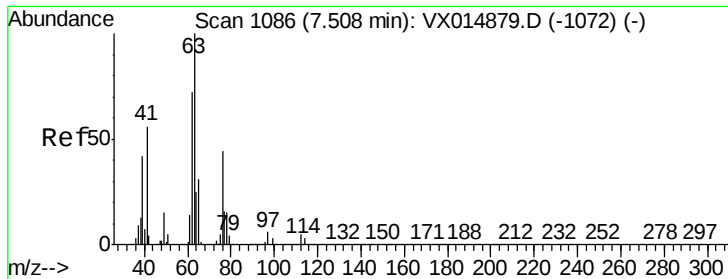


#44

Trichloroethene
 Concen: 19.100 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014885.D
 Acq: 10 Feb 2020 13:58

Tgt Ion:	130	Resp:	101803
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	182.6





#45

1,2-Dichloropropane

Concen: 19.019 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0210WBS01

Tot Ion: 63 Resp: 89058

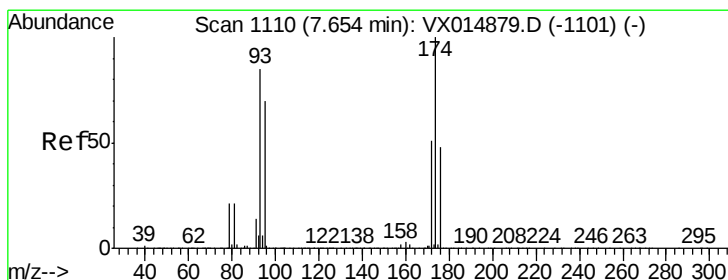
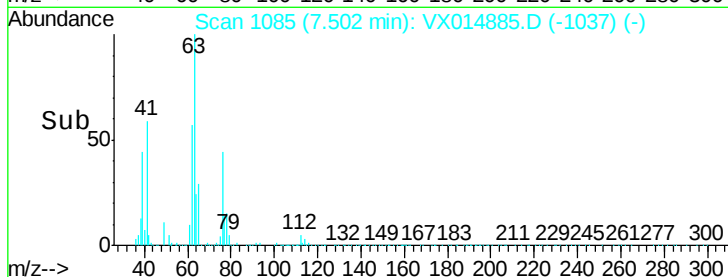
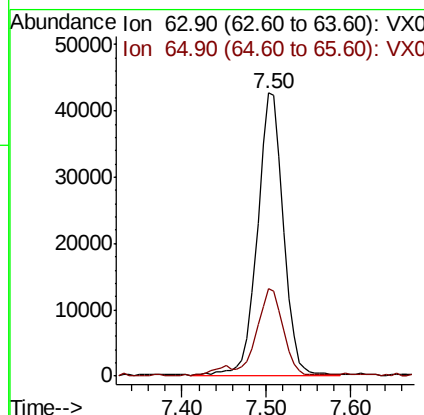
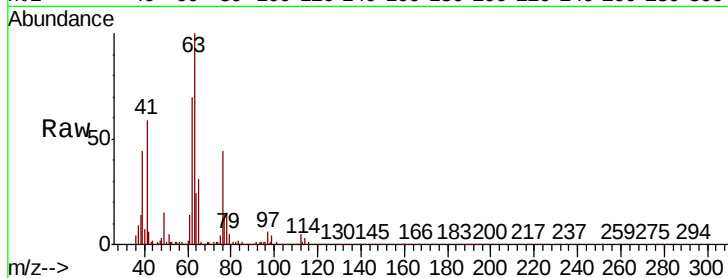
Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#46

Dibromomethane

Concen: 19.067 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

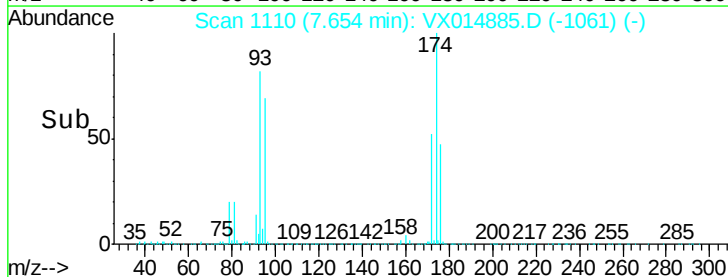
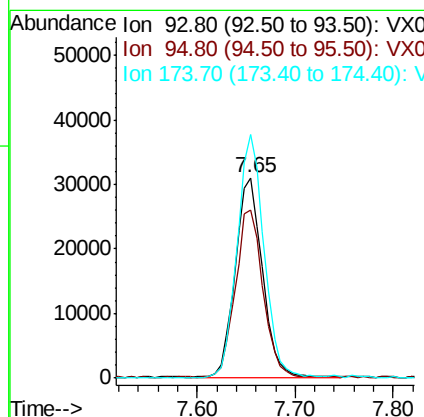
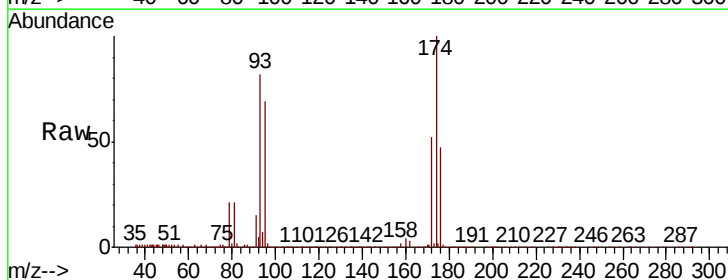
Tgt Ion: 93 Resp: 61029

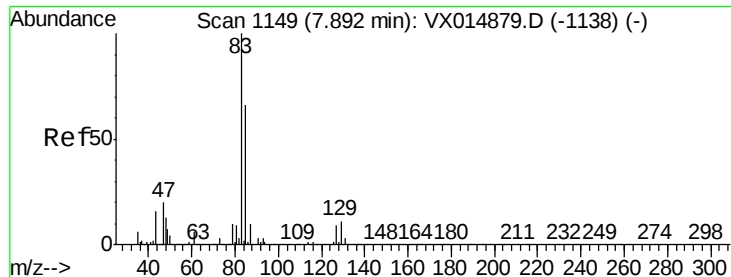
Ion Ratio Lower Upper

93 100

95 84.8 65.8 98.8

174 118.4 95.4 143.2





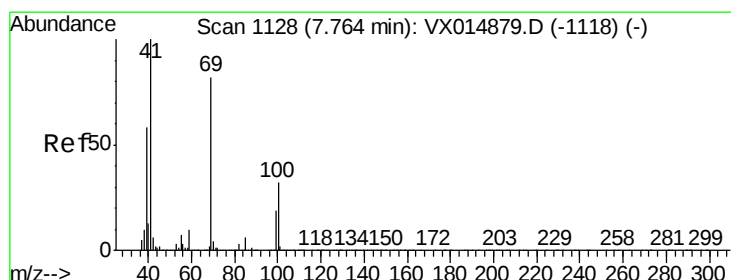
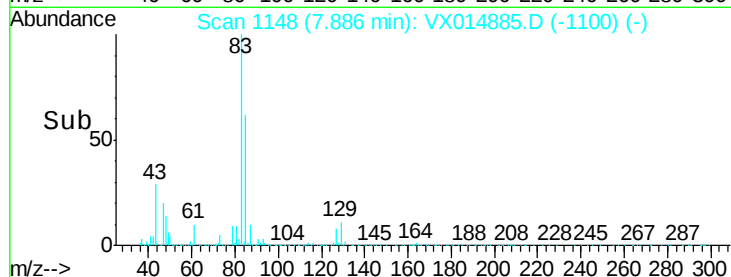
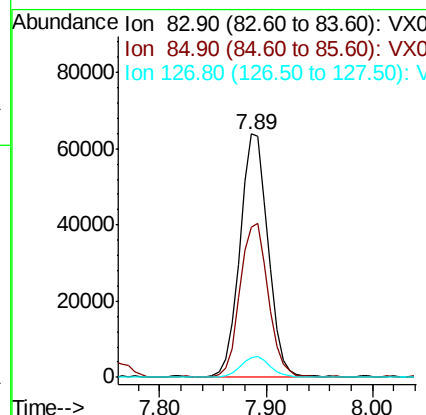
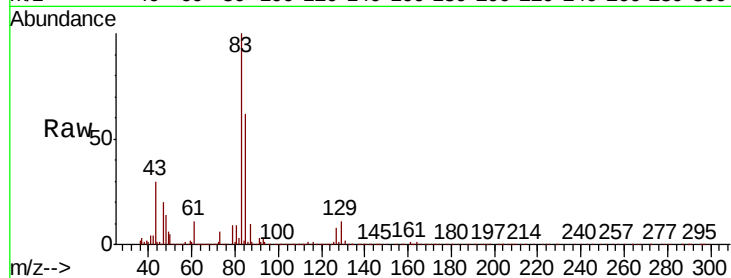
#47
Bromodichloromethane
Concen: 18.623 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	118189		
85	61.6	52.5	78.7	
127	8.0	7.4	11.0	

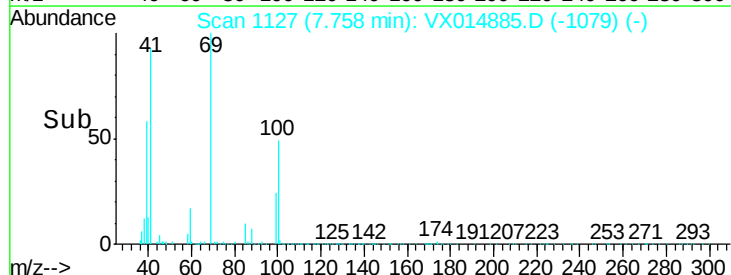
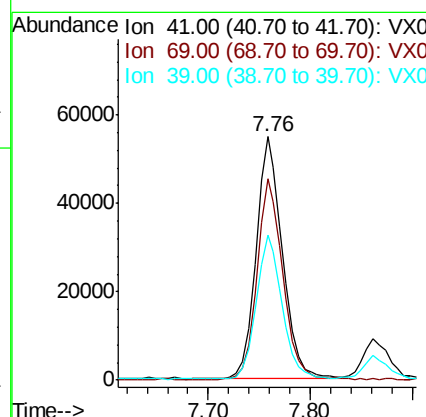
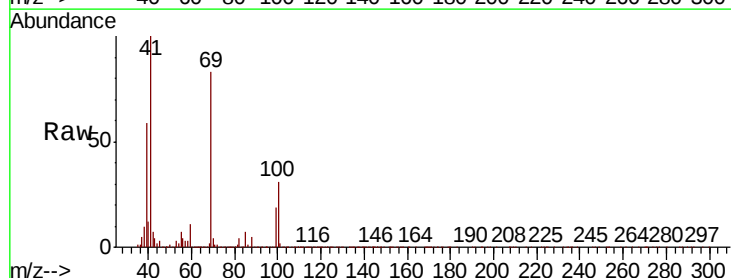
Manual Integrations
APPROVED

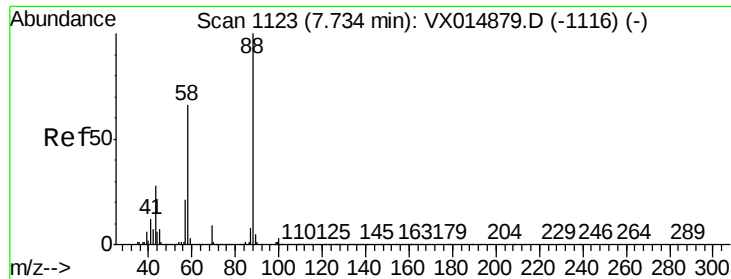
MMDadoda
2/11/2020 10:35:36 AM



#48
Methyl methacrylate
Concen: 18.959 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	98649		
69	81.7	65.7	98.5	
39	58.3	45.8	68.8	





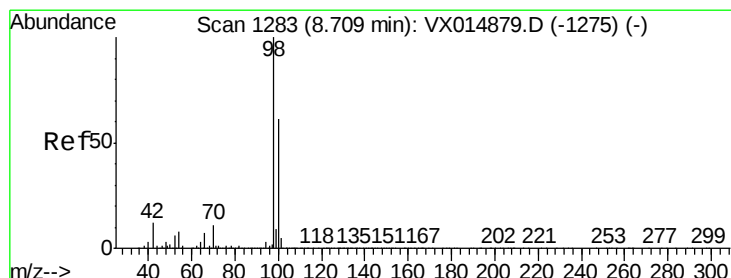
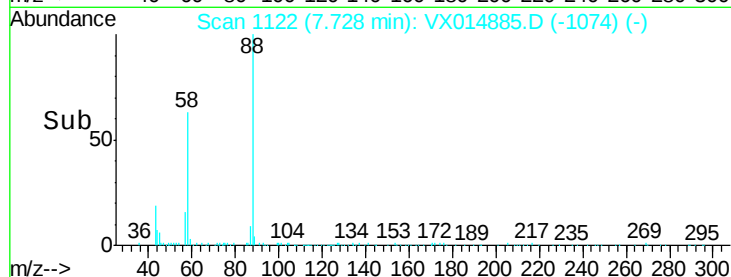
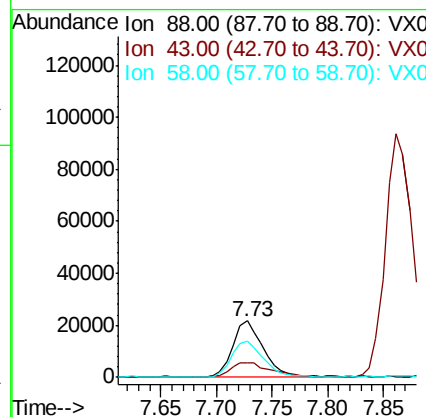
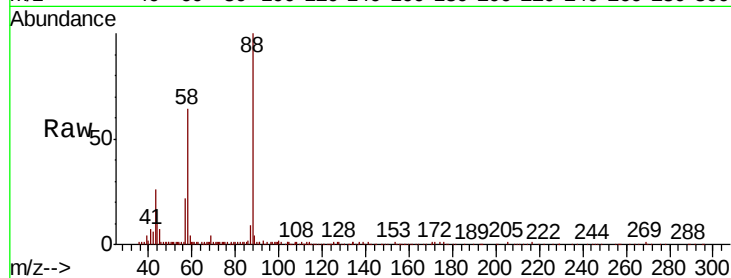
#49
1,4-Dioxane
Concen: 421.539 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.0	40.4
58	66.9	53.2	79.8

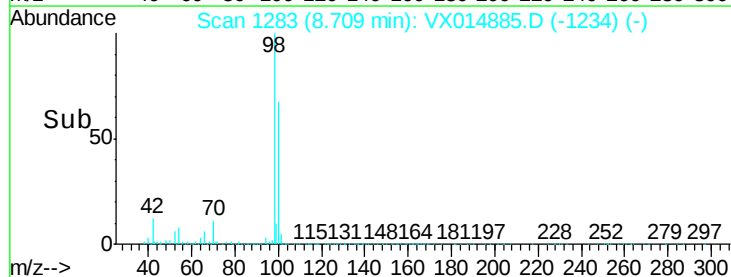
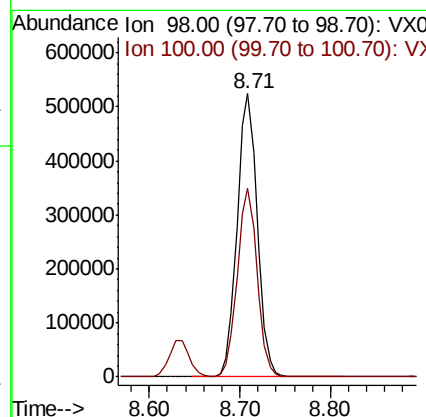
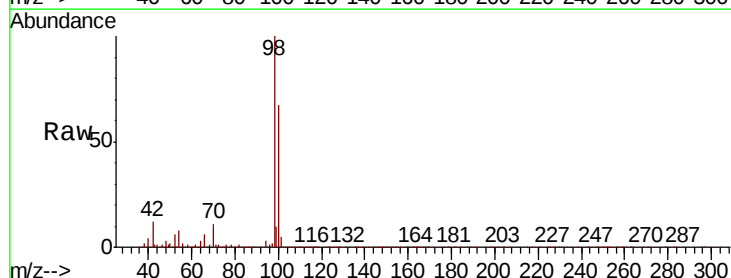
Manual Integrations
APPROVED

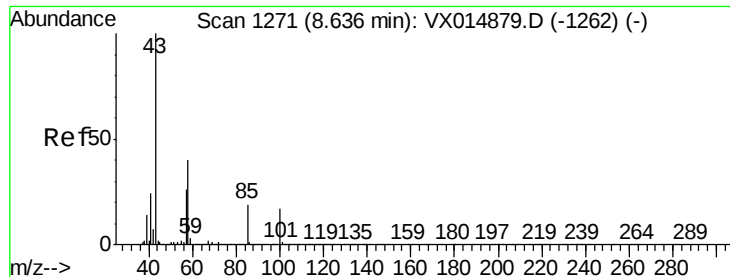
MMDadoda
2/11/2020 10:35:36 AM



#50
Toluene-d8
Concen: 50.198 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 96.519 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion: 43 Resp: 616188

Ion Ratio Lower Upper

43 100

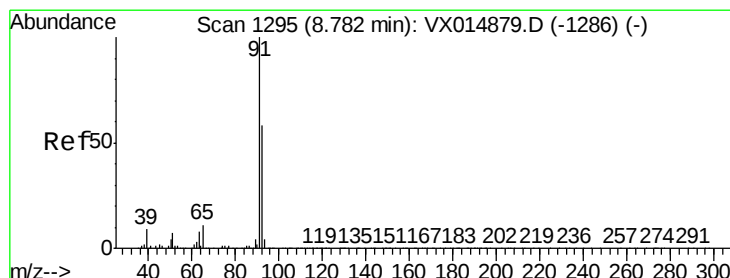
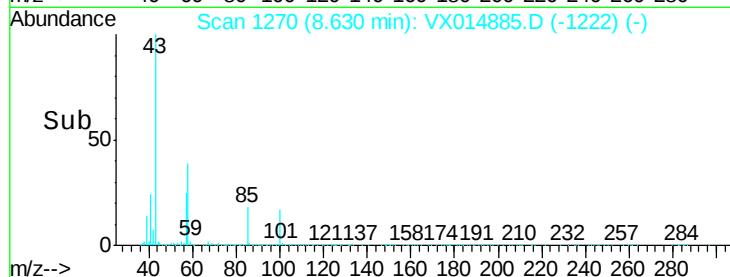
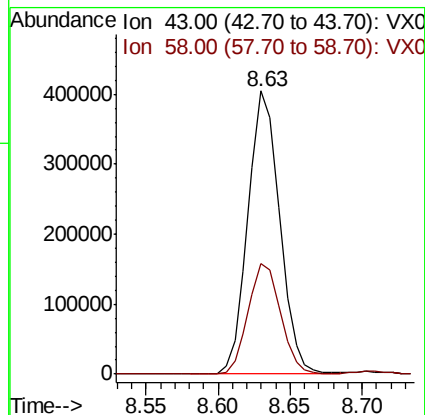
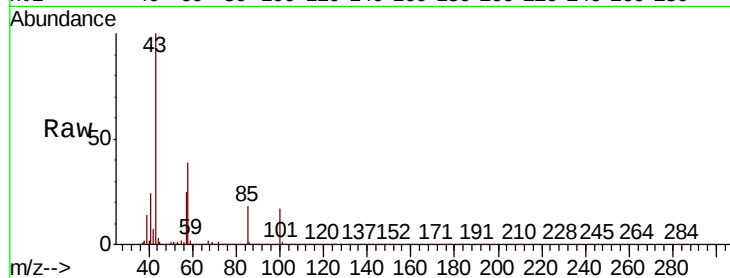
58 39.9 31.9 47.9

Manual Integrations

APPROVED

MMDadoda

2/11/2020 10:35:36 AM



#52

Toluene

Concen: 19.372 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014885.D

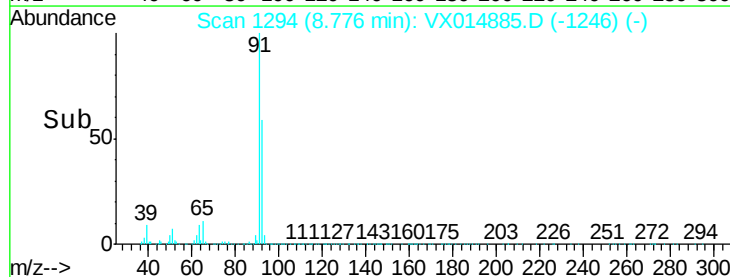
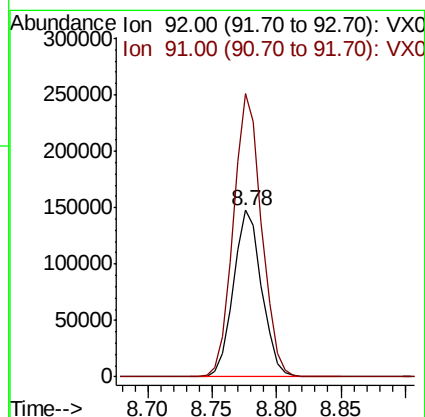
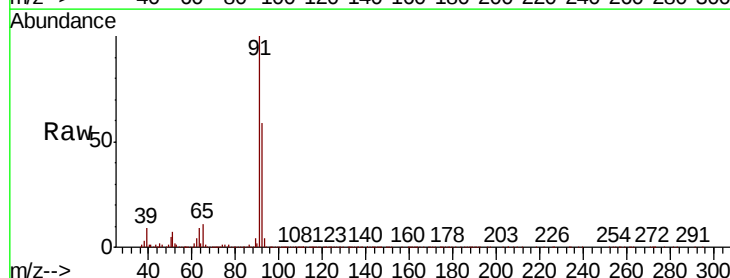
Acq: 10 Feb 2020 13:58

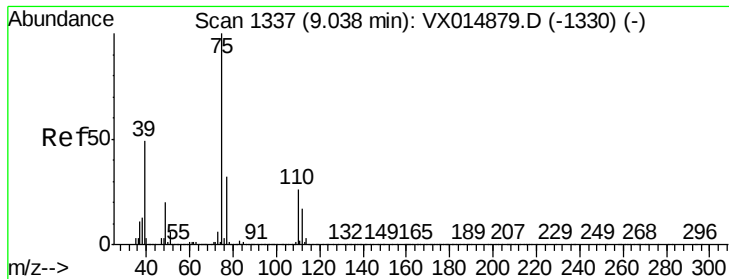
Tgt Ion: 92 Resp: 225900

Ion Ratio Lower Upper

92 100

91 170.4 137.0 205.4





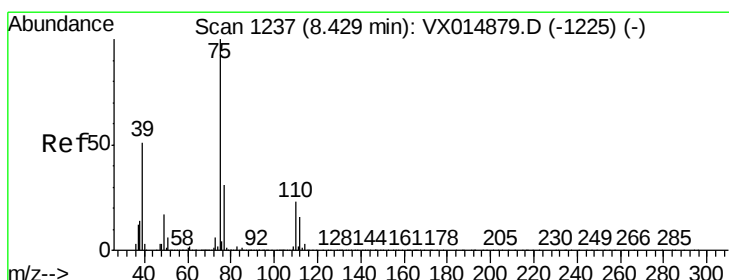
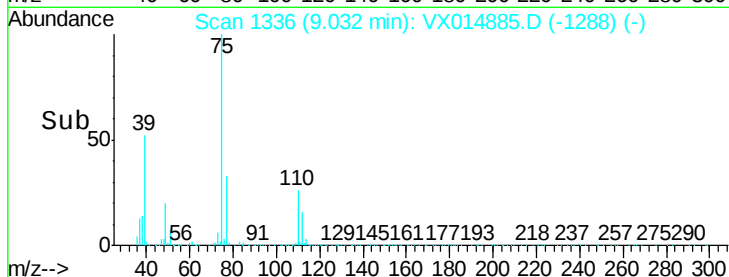
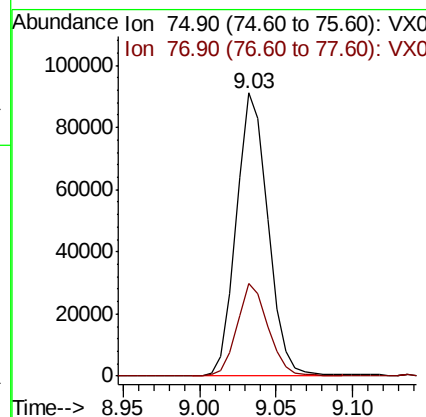
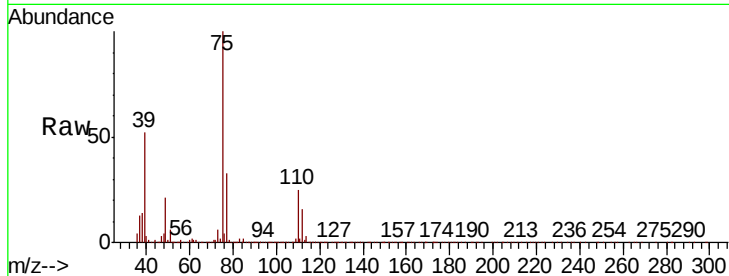
#53
t-1,3-Dichloropropene
Concen: 18.768 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3

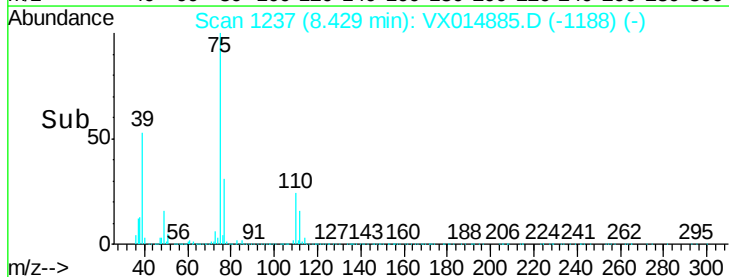
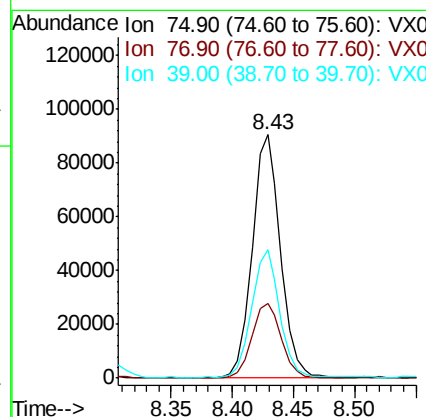
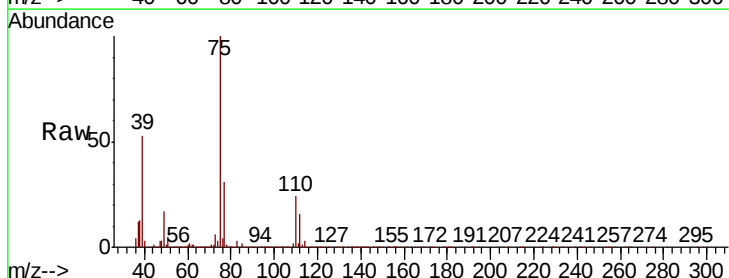
Manual Integrations
APPROVED

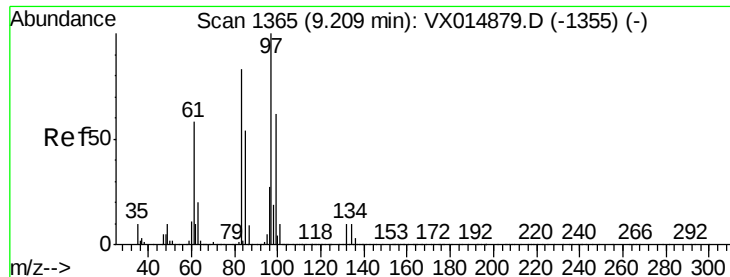
MMDadoda
2/11/2020 10:35:36 AM



#54
cis-1,3-Dichloropropene
Concen: 18.747 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.6	37.0
39	52.6	40.9	61.3





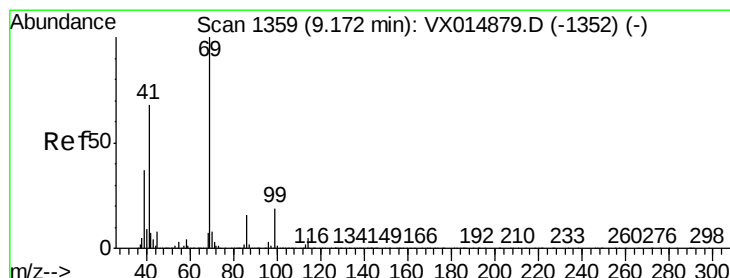
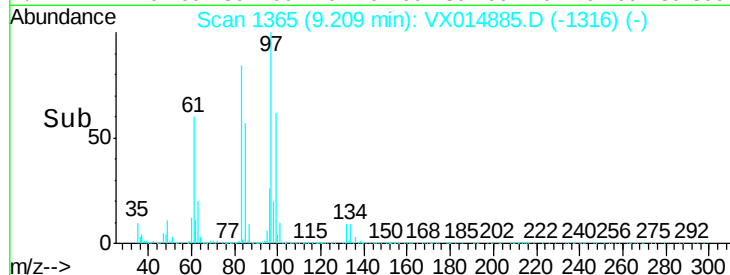
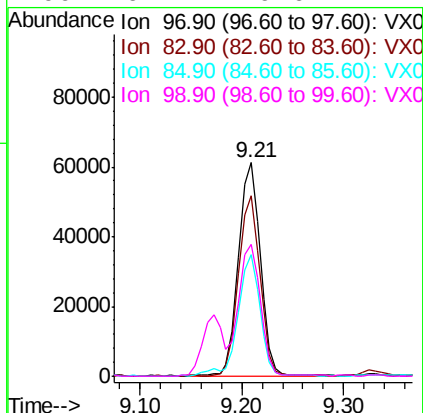
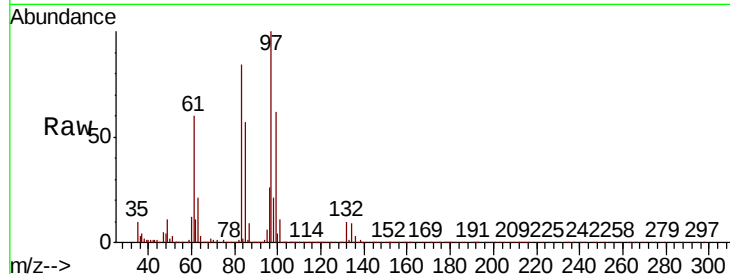
#55
1,1,2-Trichloroethane
Concen: 19.278 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90952		
83	84.0	66.6	99.8		
85	56.6	43.5	65.3		
99	61.7	49.6	74.4		

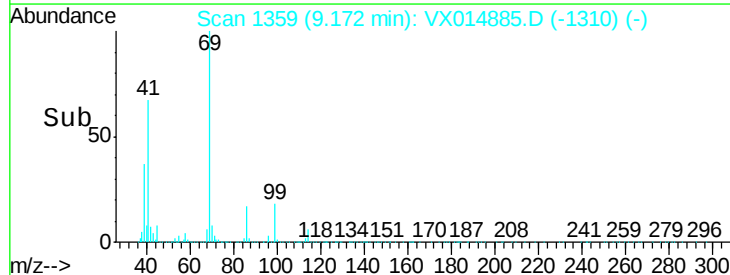
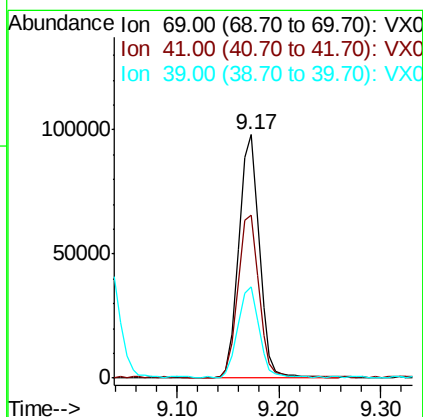
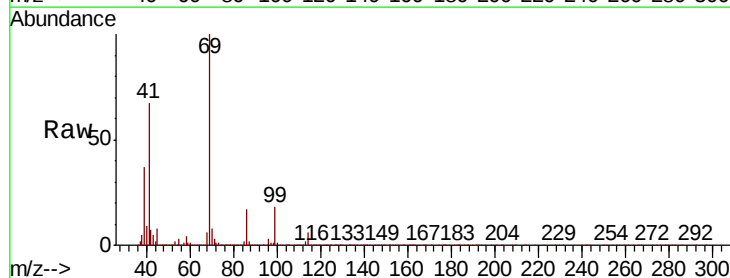
Manual Integrations
APPROVED

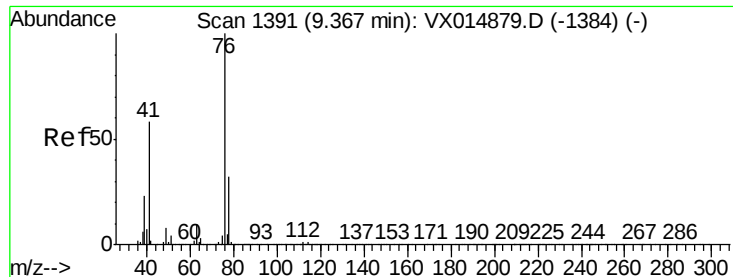
MMDadoda
2/11/2020 10:35:36 AM



#56
Ethyl methacrylate
Concen: 19.111 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		135523		
41	68.4	54.8	82.2		
39	38.3	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 18.980 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion: 76 Resp: 150735

Ion Ratio Lower Upper

76 100

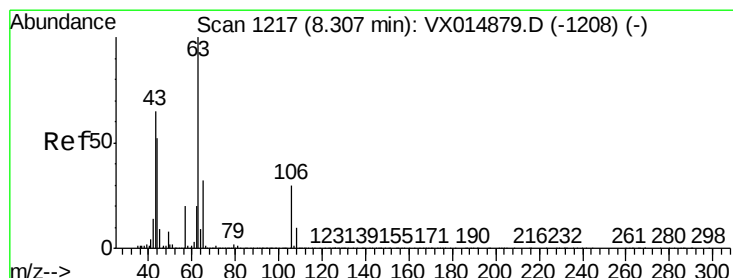
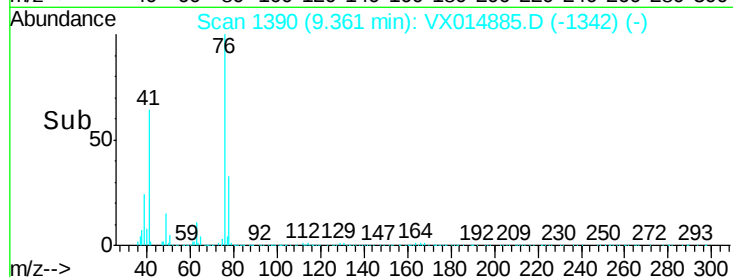
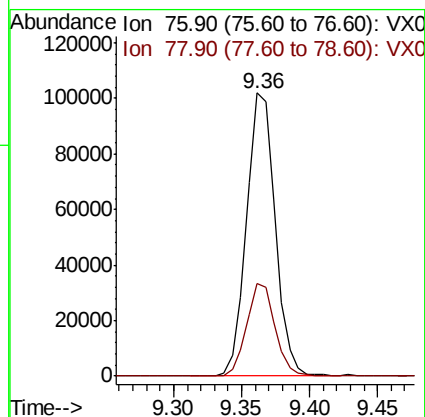
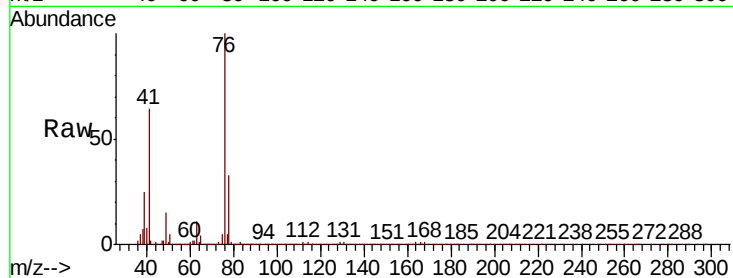
78 32.1 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

2/11/2020 10:35:36 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.320 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014885.D

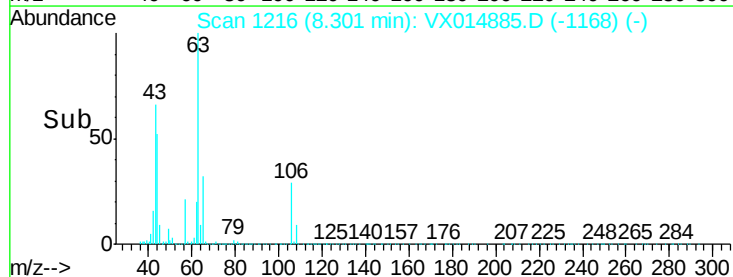
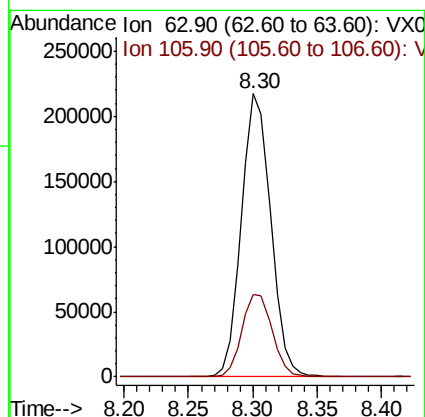
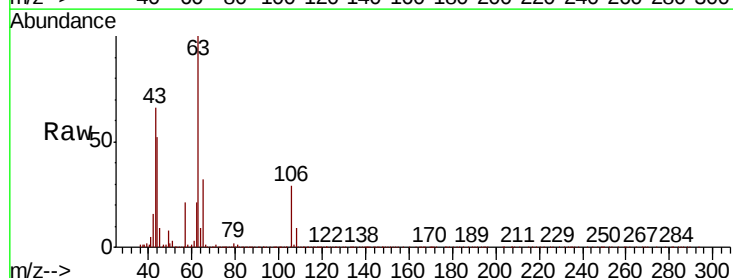
Acq: 10 Feb 2020 13:58

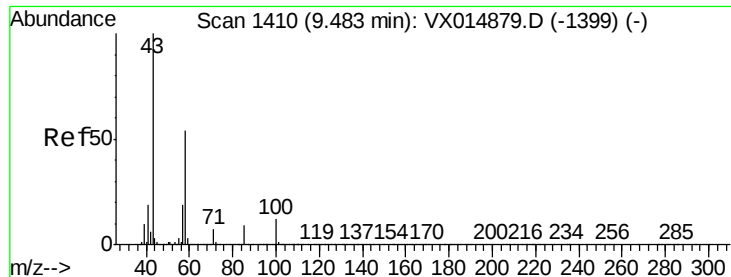
Tgt Ion: 63 Resp: 342392

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8





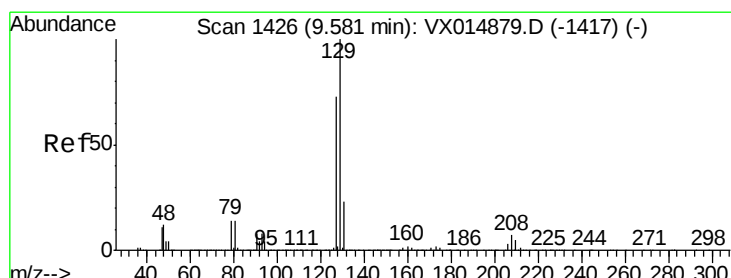
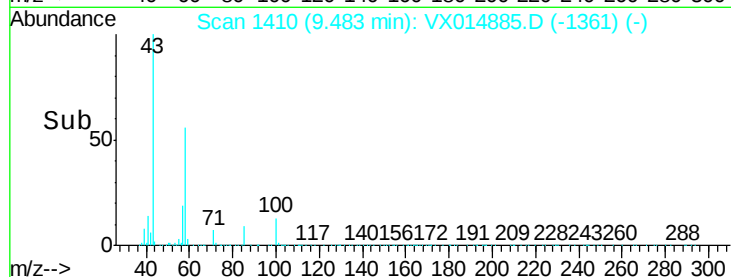
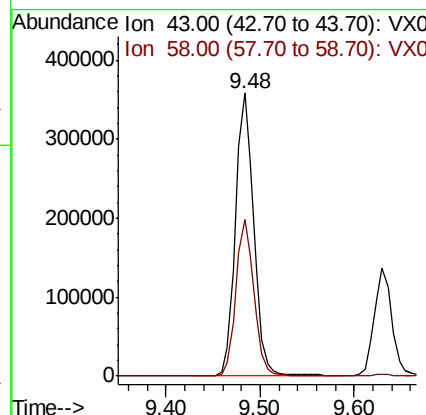
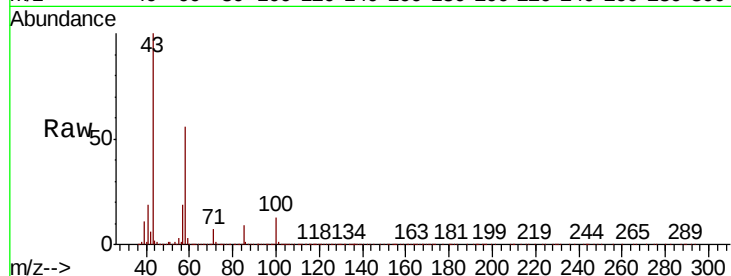
#59
2-Hexanone
Concen: 96.176 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion: 43 Resp: 482609
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.5

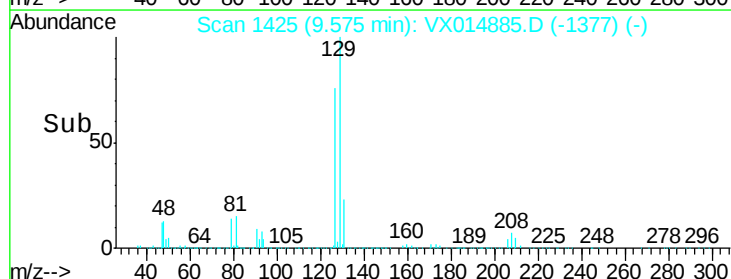
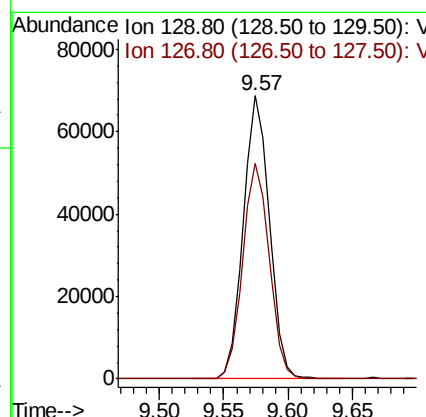
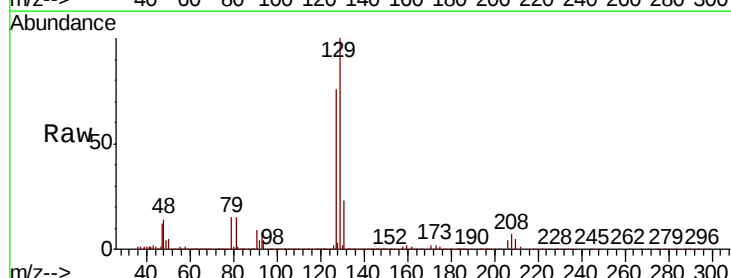
Manual Integrations
APPROVED

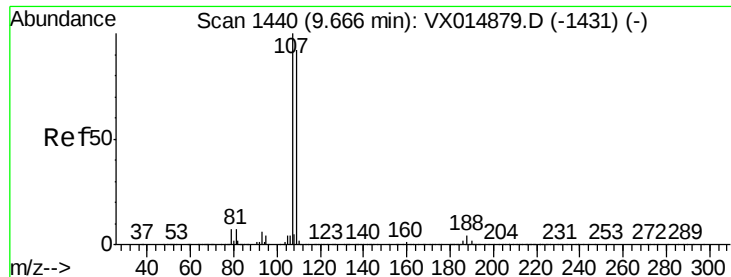
MMDadoda
2/11/2020 10:35:36 AM



#60
Dibromochloromethane
Concen: 18.890 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion: 129 Resp: 95910
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.3





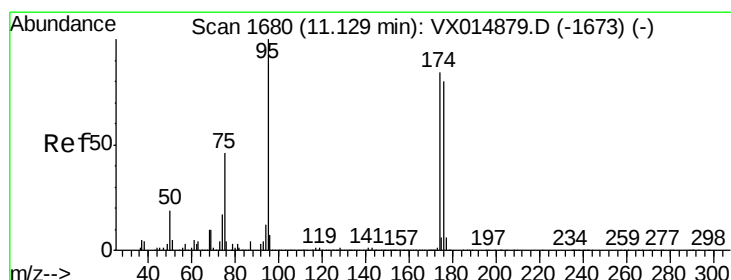
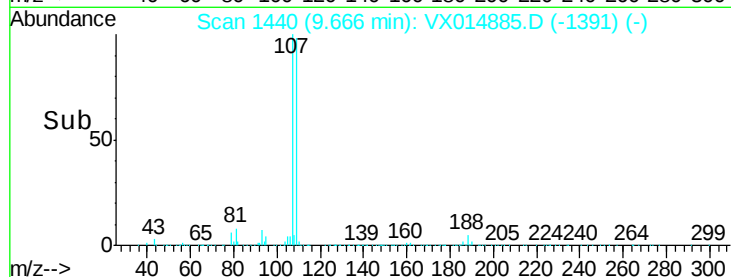
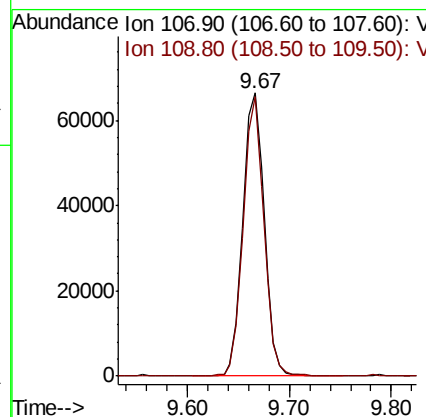
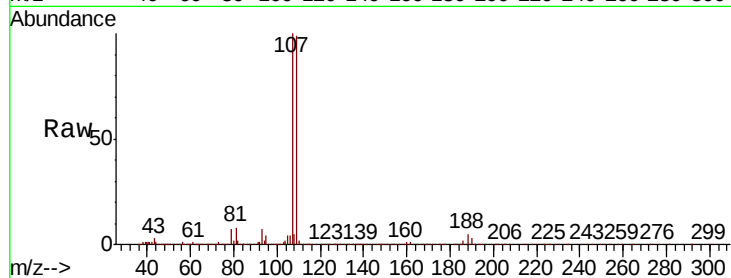
#61
 1,2-Dibromoethane
 Concen: 18.937 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014885.D
 Acq: 10 Feb 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.6	113.4

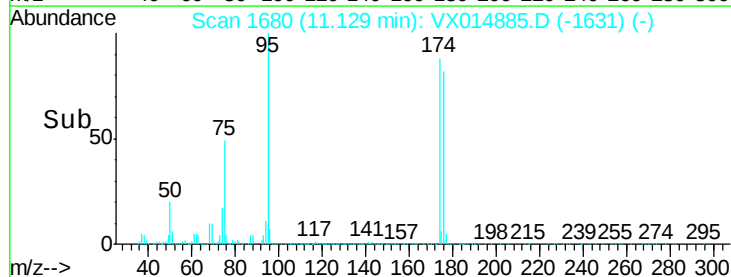
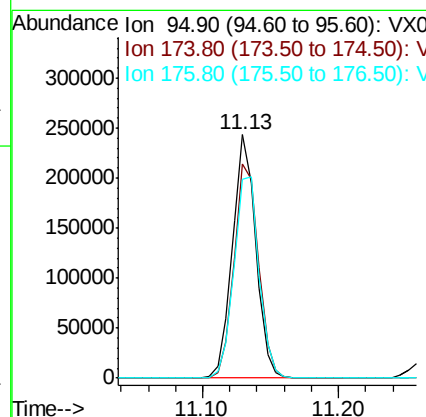
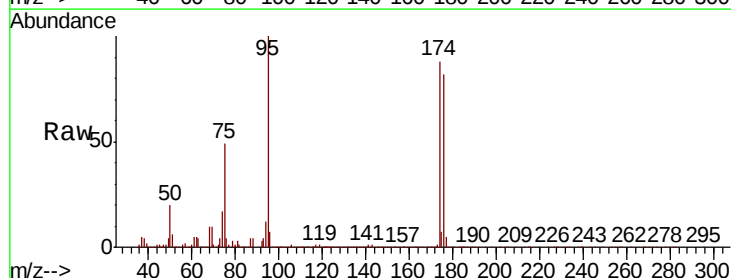
Manual Integrations
 APPROVED

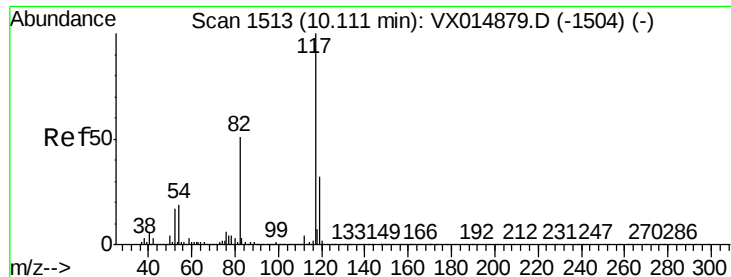
MMDadoda
 2/11/2020 10:35:36 AM



#62
 4-Bromofluorobenzene
 Concen: 49.860 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014885.D
 Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	183.0
176	89.3	0.0	178.0





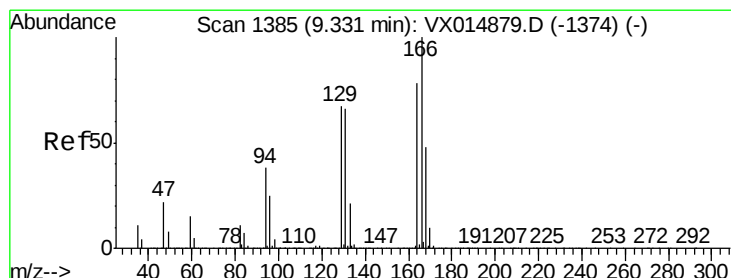
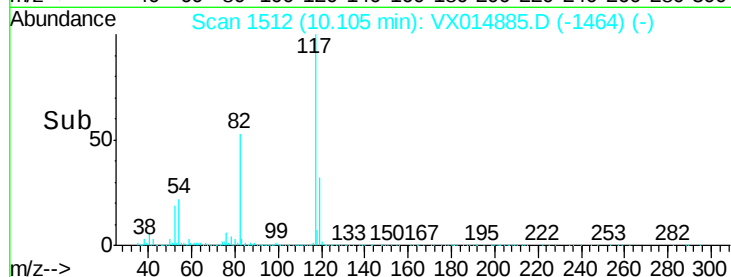
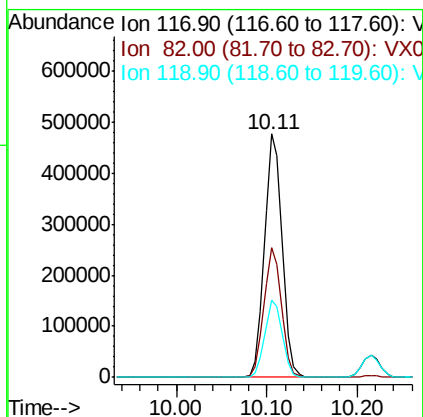
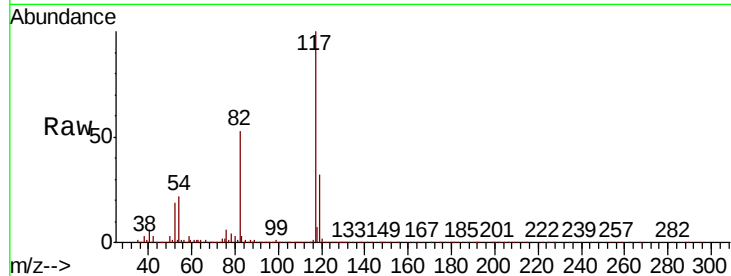
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.5	60.7
119	31.9	25.8	38.6

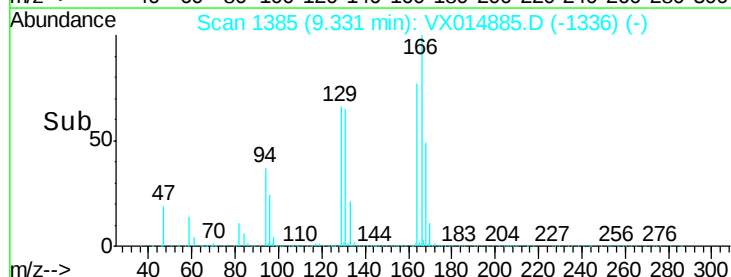
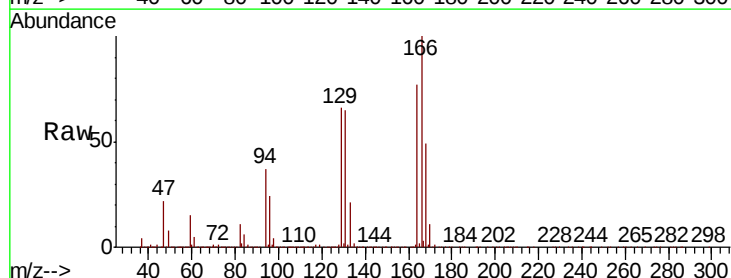
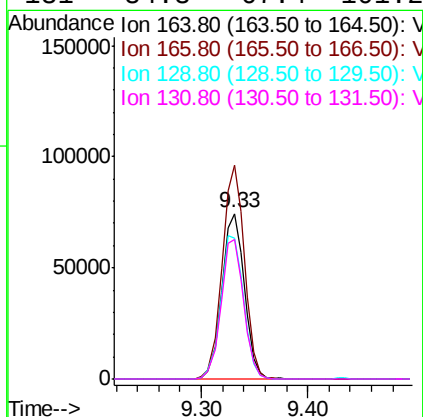
Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#64
Tetrachloroethene
Concen: 18.413 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.6	153.8
129	84.8	68.3	102.5
131	84.3	67.4	101.2





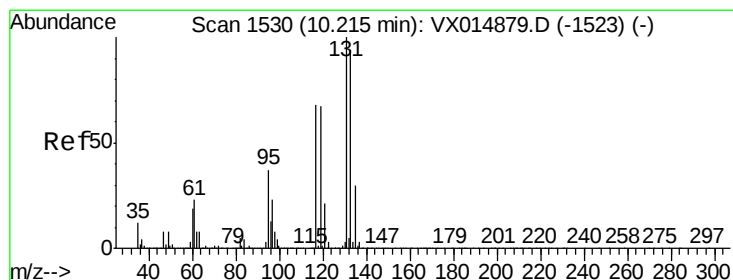
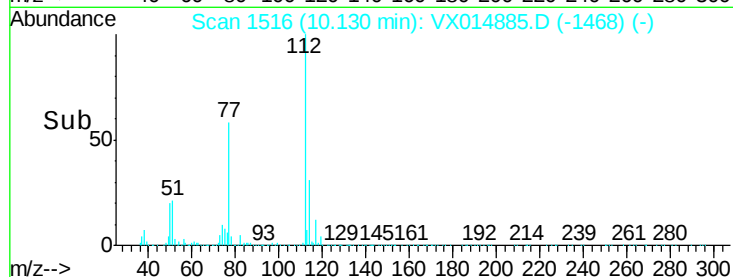
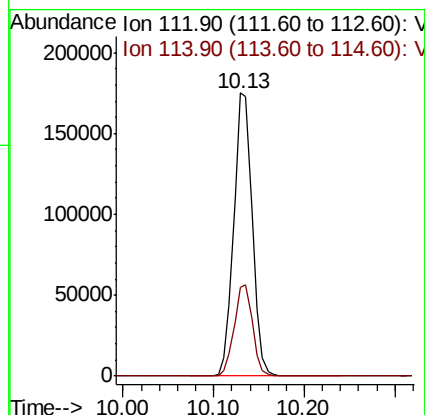
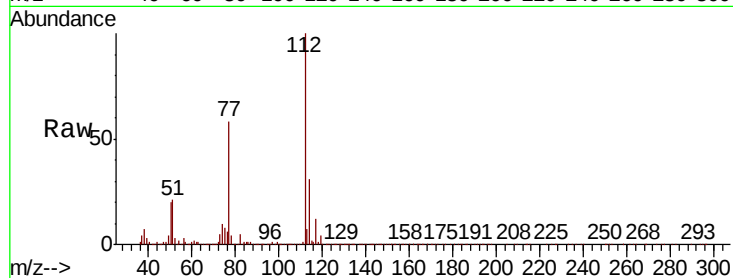
#65
Chlorobenzene
Concen: 19.038 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.6	38.4

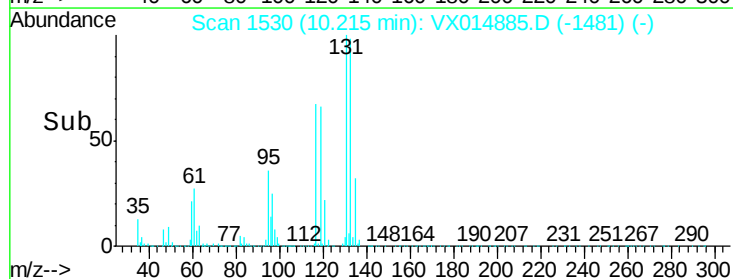
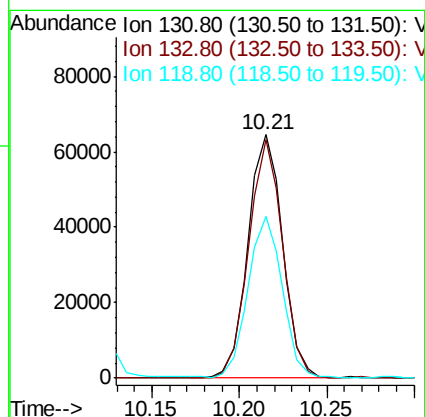
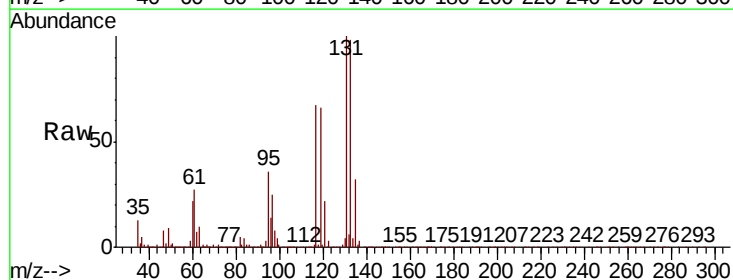
Manual Integrations
APPROVED

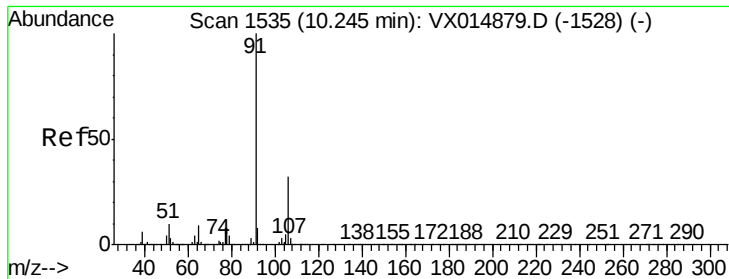
MMDadoda
2/11/2020 10:35:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.950 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.1	144.4
119	65.3	33.0	99.0





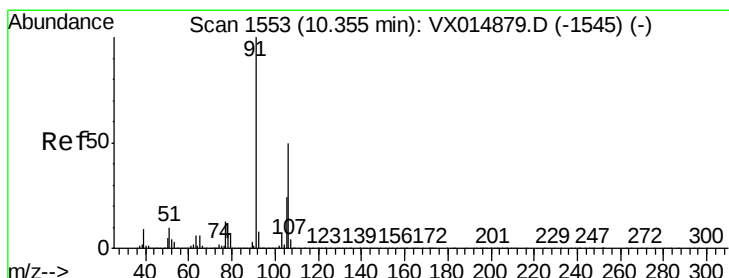
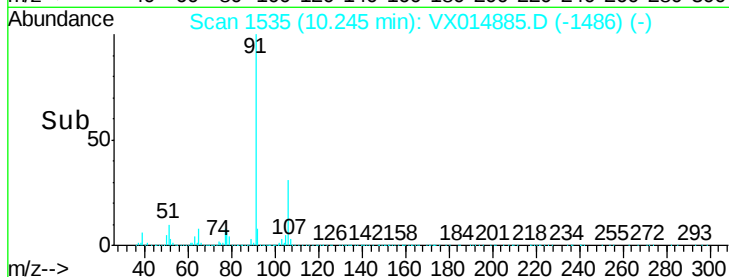
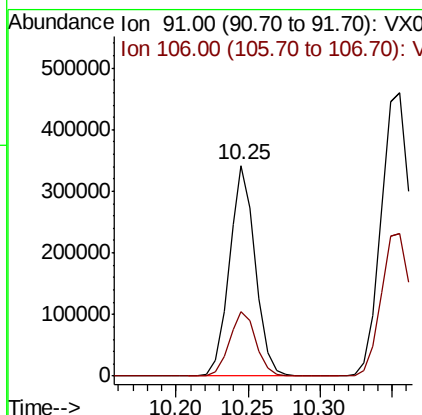
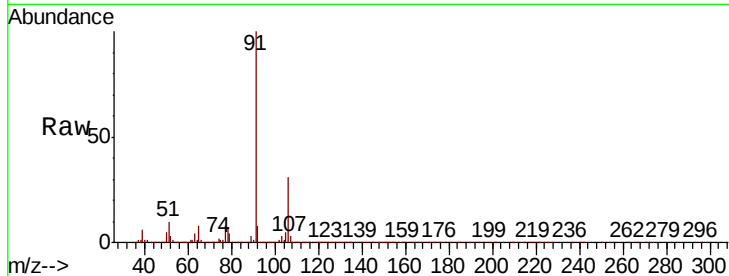
#67
Ethyl Benzene
Concen: 19.371 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0210WBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.7	25.3	37.9	

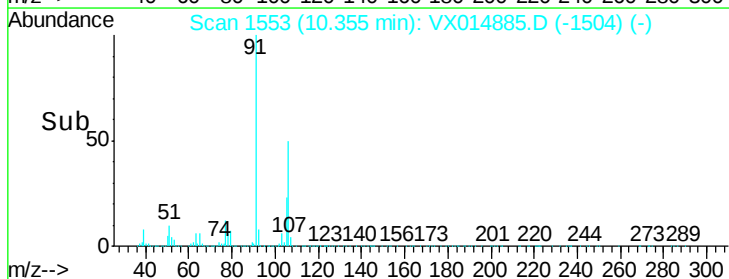
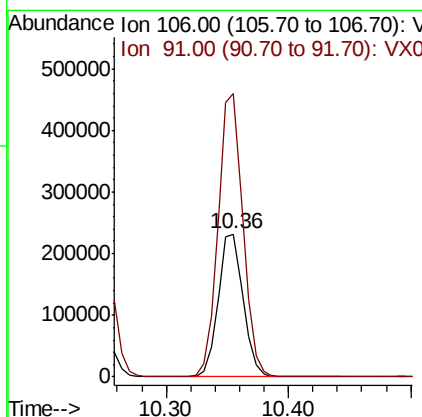
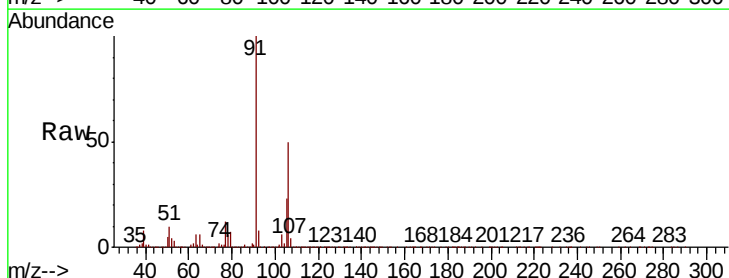
Manual Integrations
APPROVED

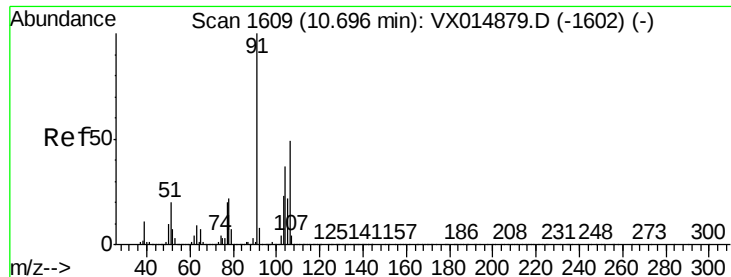
MMDadoda
2/11/2020 10:35:36 AM



#68
m/p-Xylenes
Concen: 38.603 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	197.1	160.6	240.8	





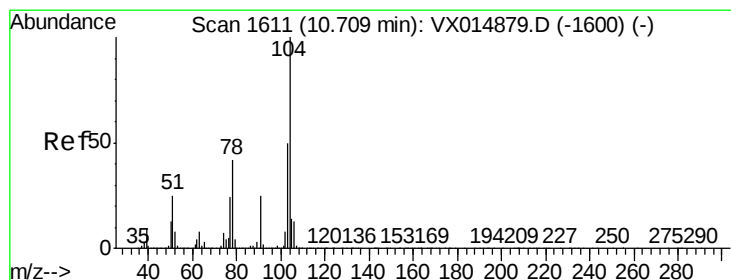
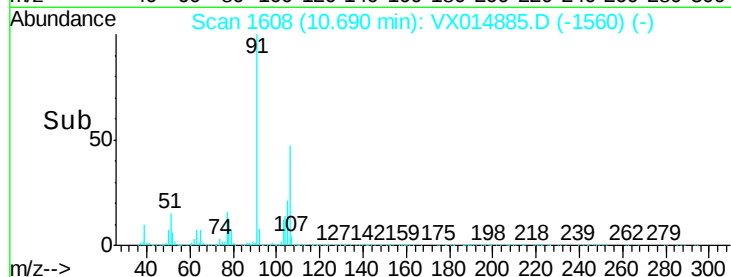
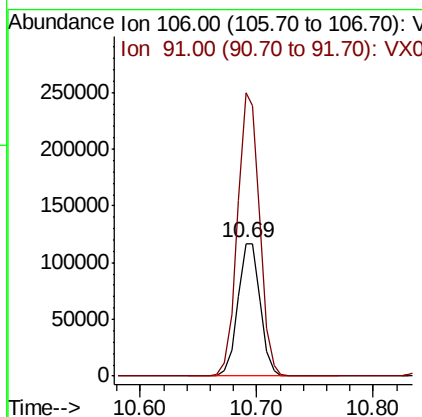
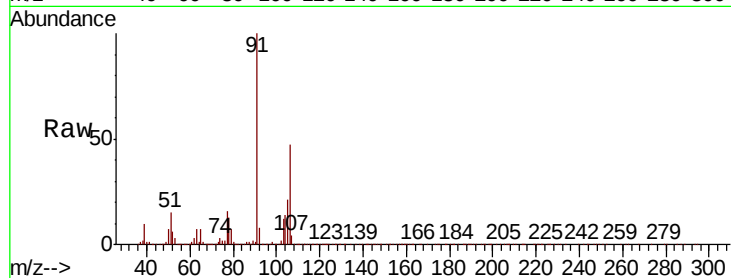
#69
o-Xylene
Concen: 19.113 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.8	105.1	315.3

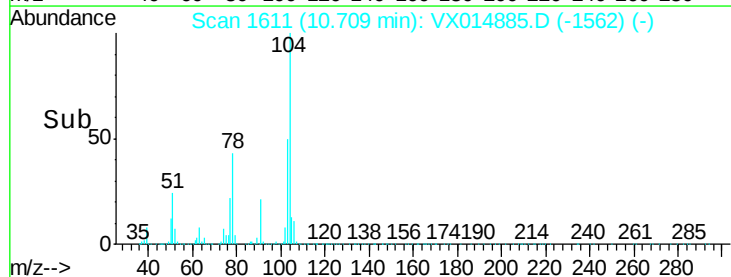
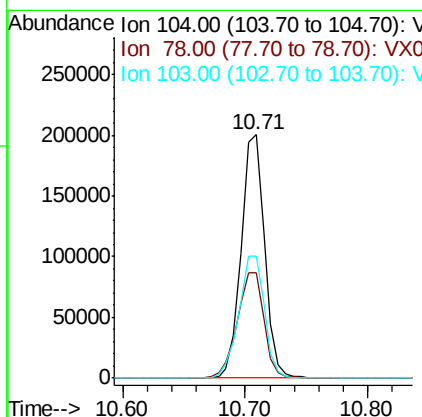
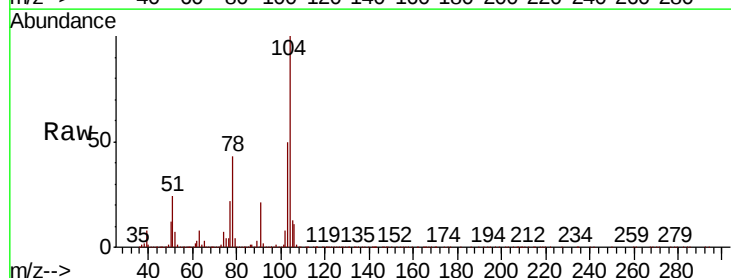
Manual Integrations
APPROVED

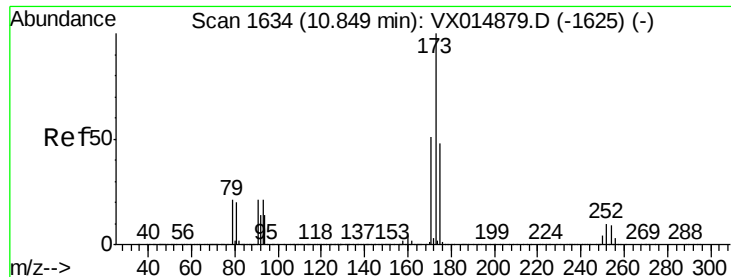
MMDadoda
2/11/2020 10:35:36 AM



#70
Styrene
Concen: 19.149 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.0	58.4
103	55.5	43.4	65.0





#71

Bromoform

Concen: 18.613 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion:173 Resp: 73296

Ion Ratio Lower Upper

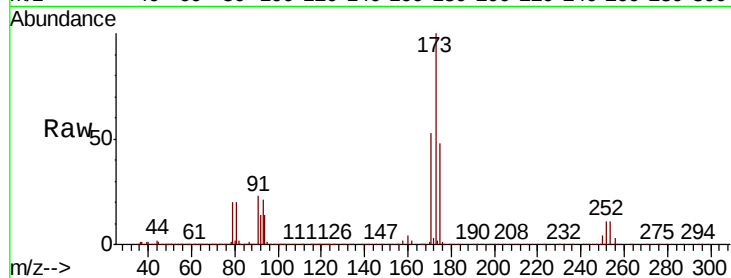
173 100

175 48.4 24.2 72.6

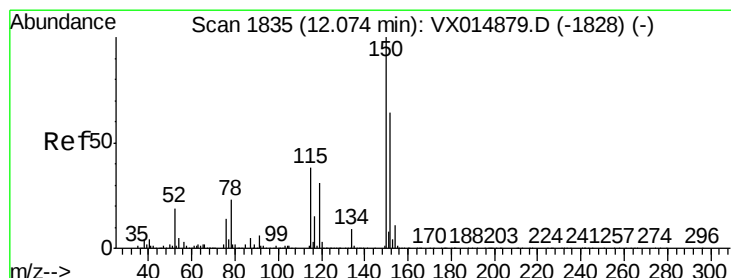
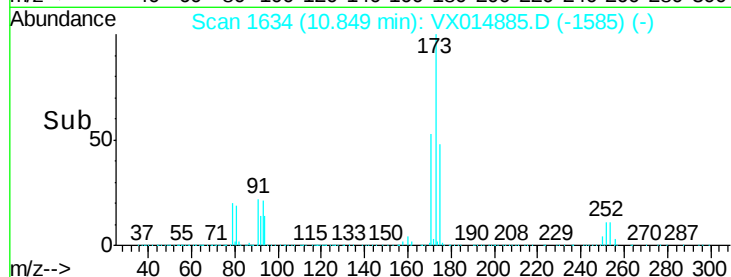
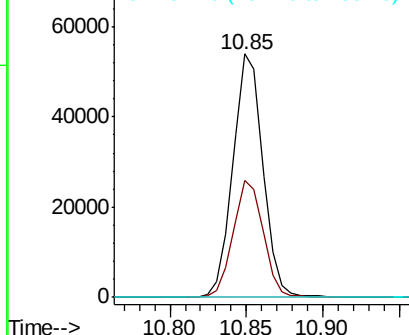
254 0.3 0.2 0.2#

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

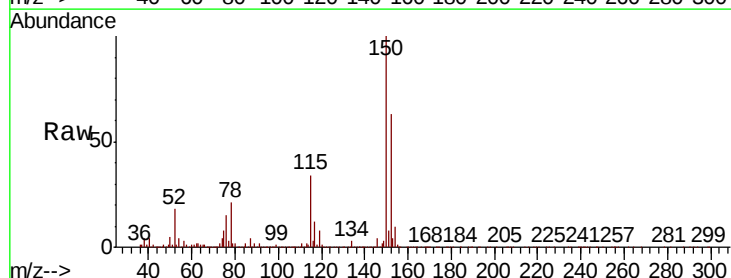
Tgt Ion:152 Resp: 338335

Ion Ratio Lower Upper

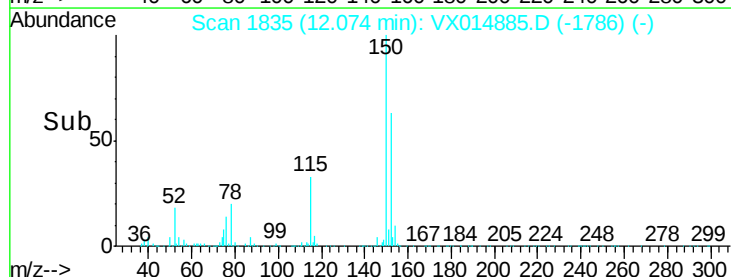
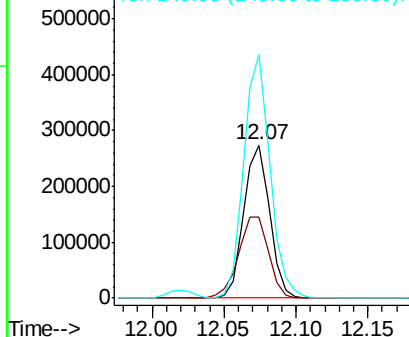
152 100

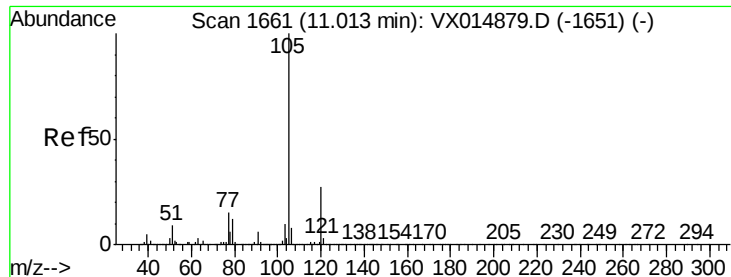
115 62.3 38.6 116.0

150 162.1 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.835 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion:105 Resp: 420844

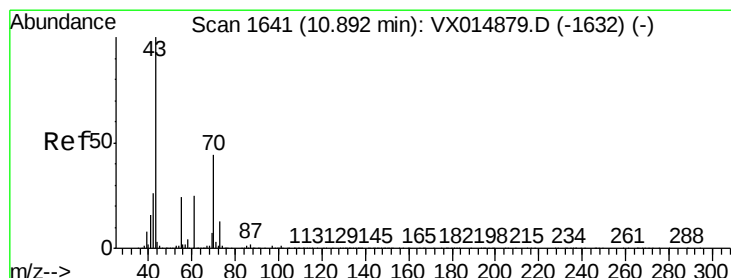
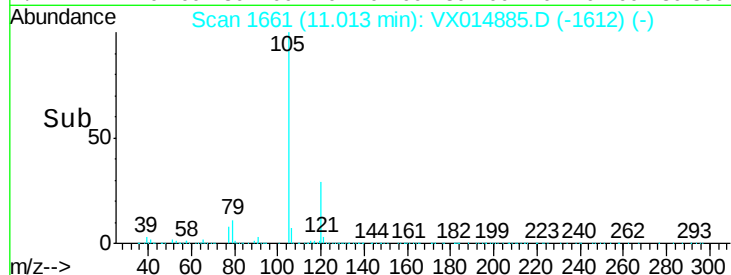
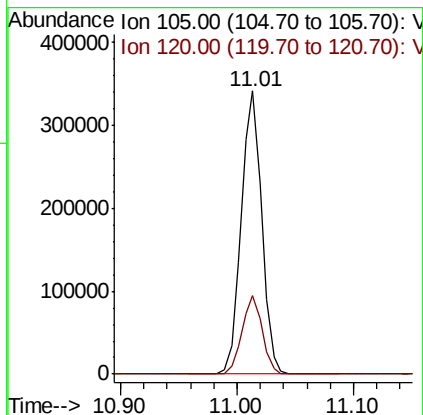
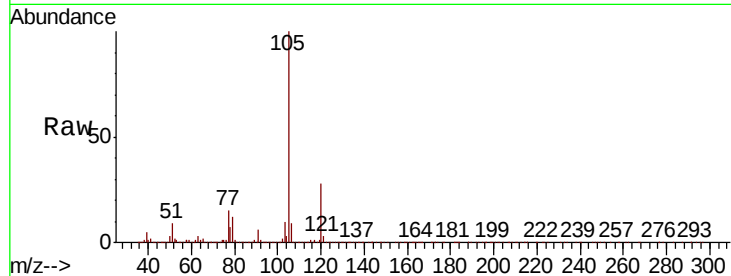
Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#74

N-ethyl acetate

Concen: 19.278 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion: 43 Resp: 169953

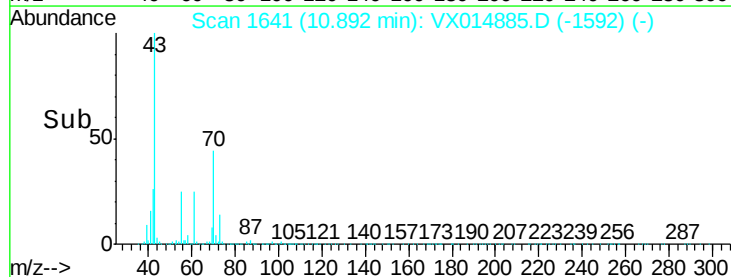
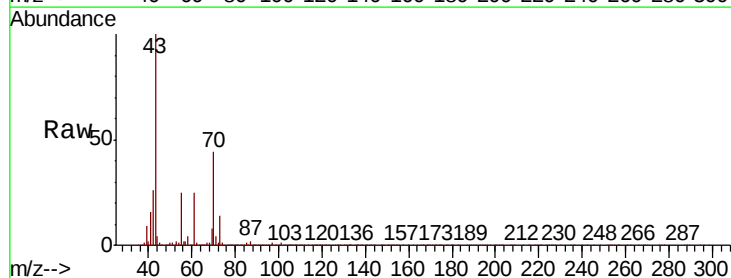
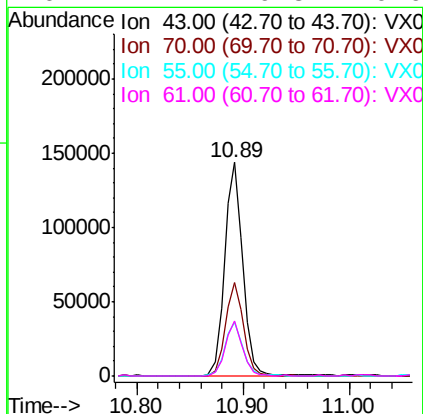
Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.4

55 25.2 19.4 29.2

61 24.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.986 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

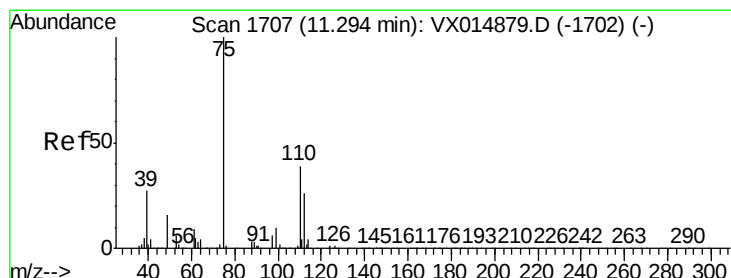
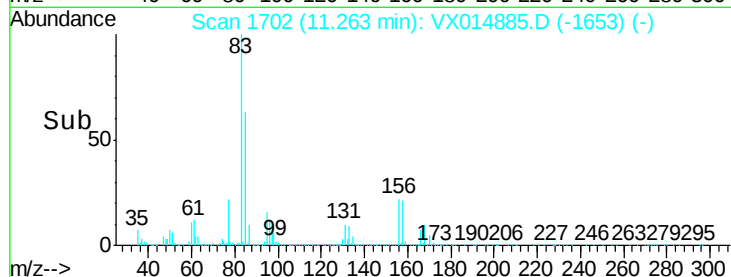
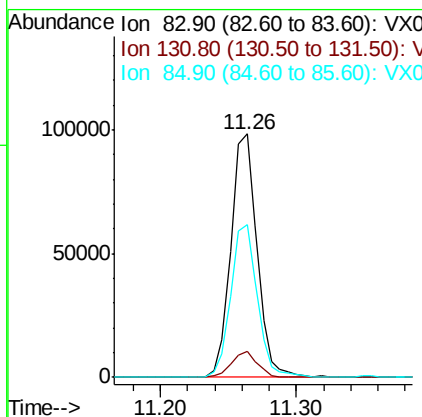
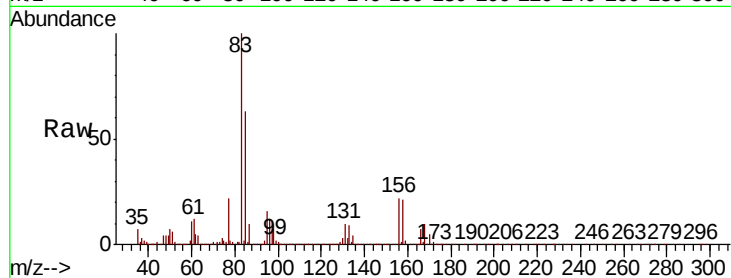
ClientSampled :

VX0210WBS01

Tot Ion:	83	Resp:	131684
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	63.7	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#76

1,2,3-Trichloropropane

Concen: 18.286 ug/l m

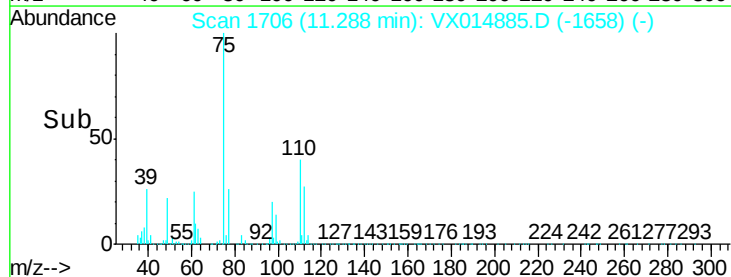
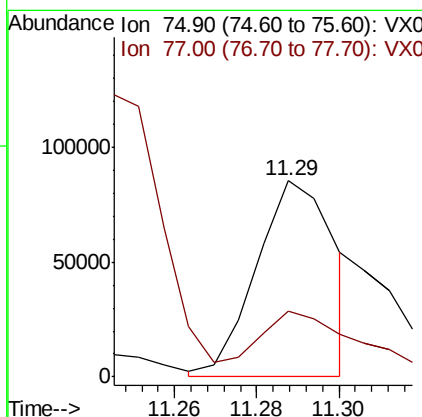
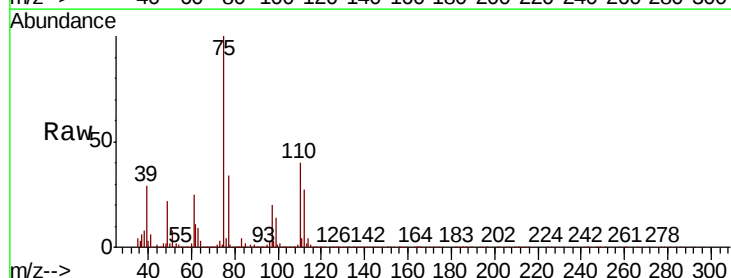
RT: 11.29 min Scan# 1706

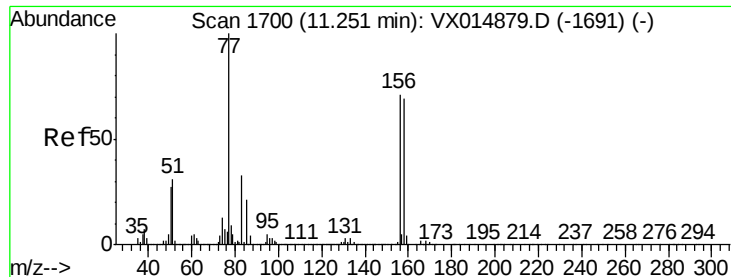
Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion:	75	Resp:	111878
Ion Ratio	Lower	Upper	
75	100		
77	44.0	18.4	55.0





#77

Bromobenzene

Concen: 19.027 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

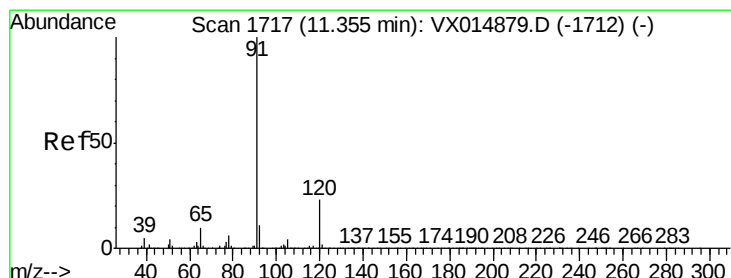
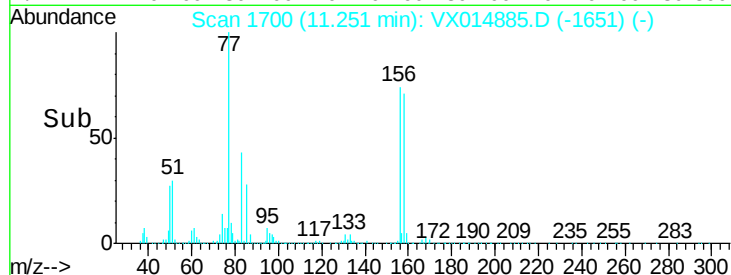
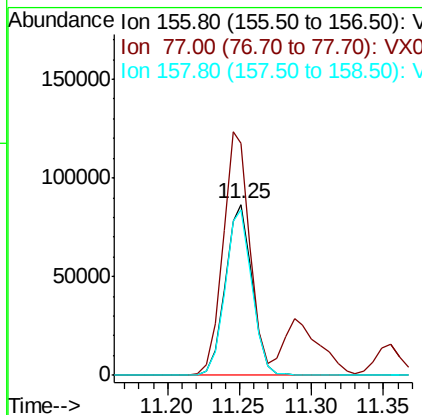
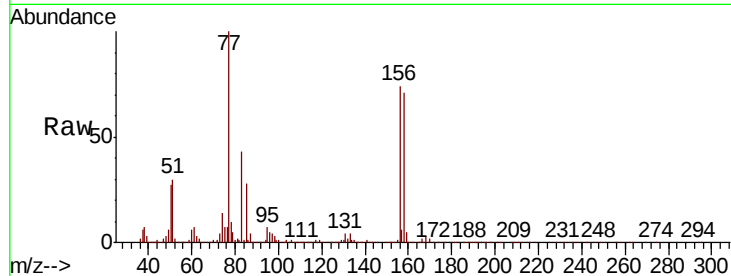
ClientSampleId :

VX0210WBS01

Tot Ion:	156	Resp:	112676
Ion Ratio	Lower	Upper	
156	100		
77	142.9	74.0	222.0
158	97.2	48.9	146.6

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#78

n-propylbenzene

Concen: 19.563 ug/l

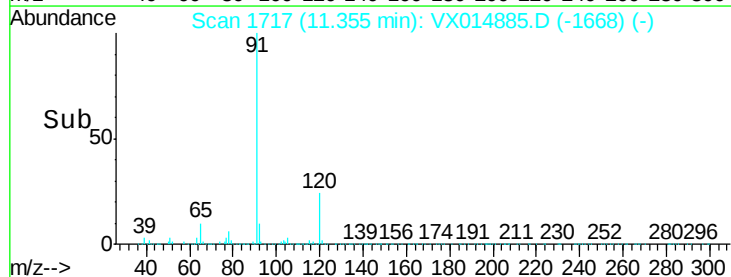
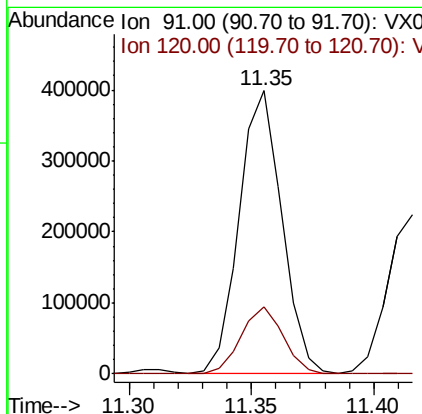
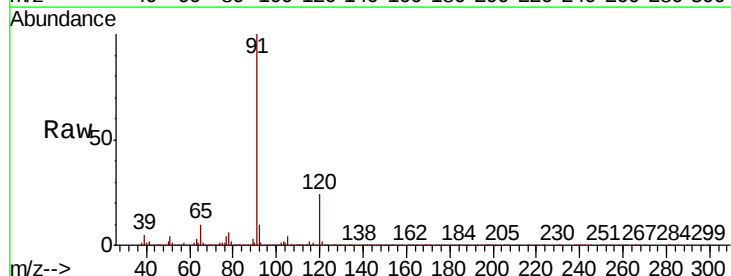
RT: 11.35 min Scan# 1717

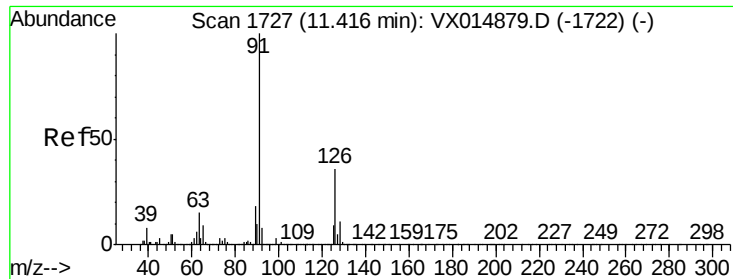
Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion:	91	Resp:	480074
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.428 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion: 91 Resp: 280292

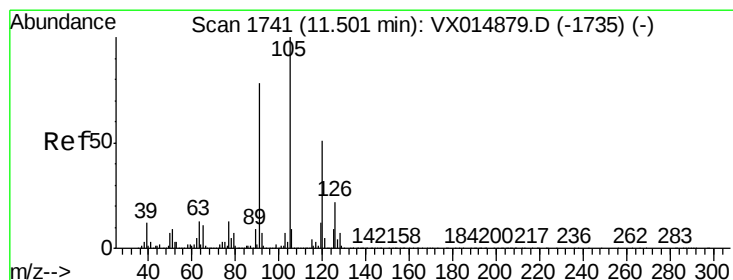
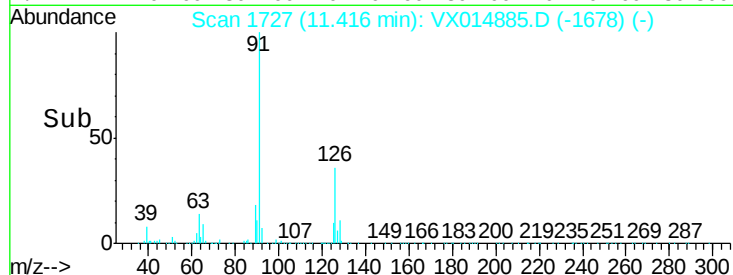
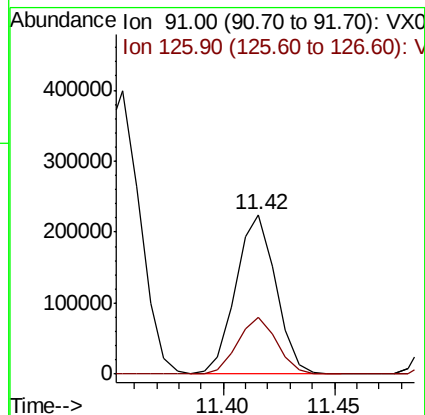
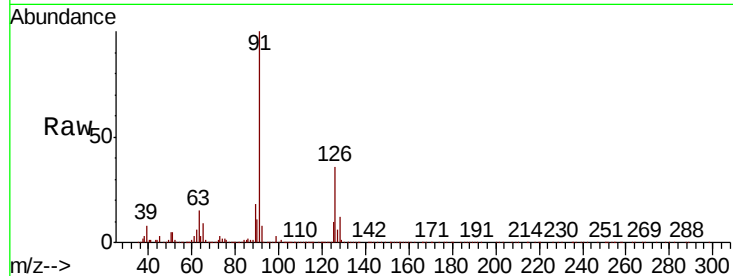
Ion Ratio Lower Upper

91 100

126 35.3 18.0 54.0

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.795 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014885.D

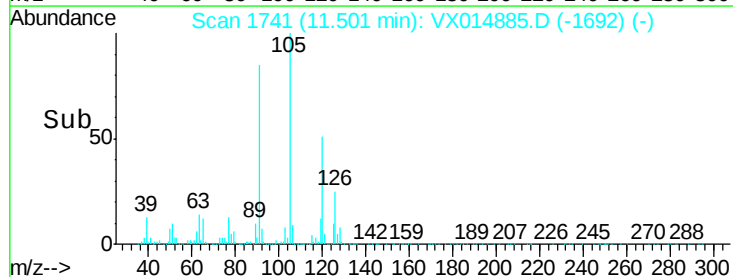
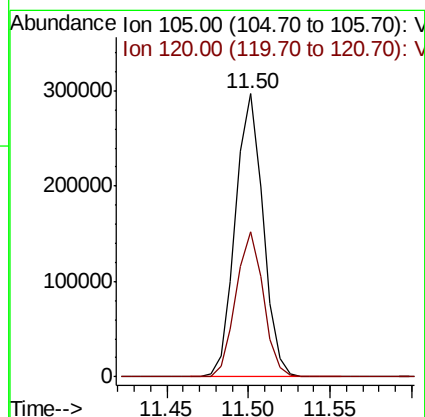
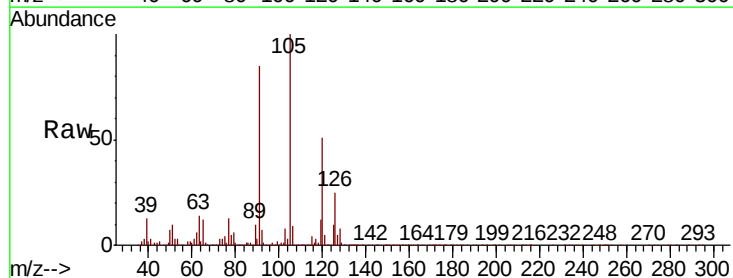
Acq: 10 Feb 2020 13:58

Tgt Ion: 105 Resp: 350932

Ion Ratio Lower Upper

105 100

120 50.8 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.860 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion: 75 Resp: 42689

Ion Ratio Lower Upper

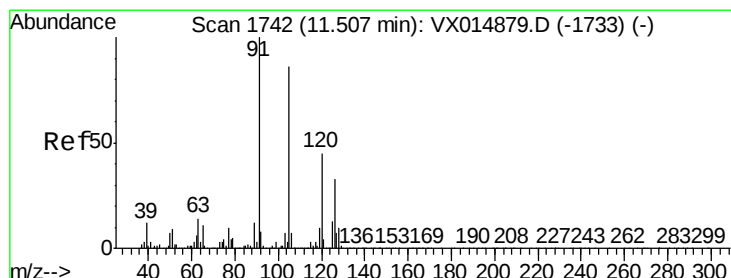
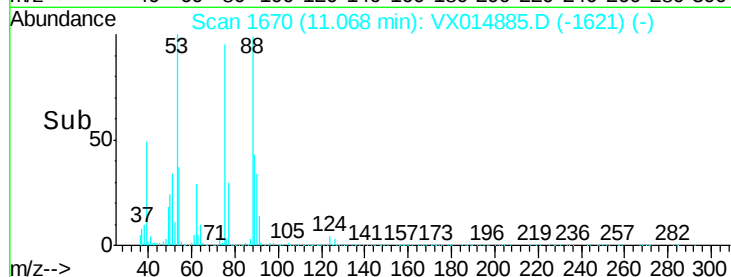
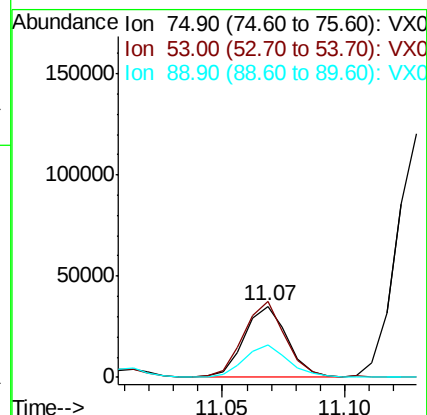
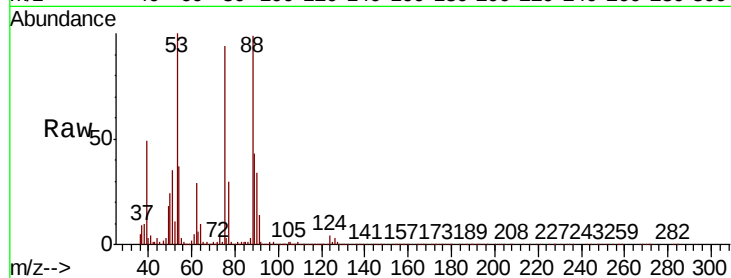
75 100

53 103.6 76.2 114.2

89 47.1 35.8 53.6

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#82

4-Chlorotoluene

Concen: 19.131 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014885.D

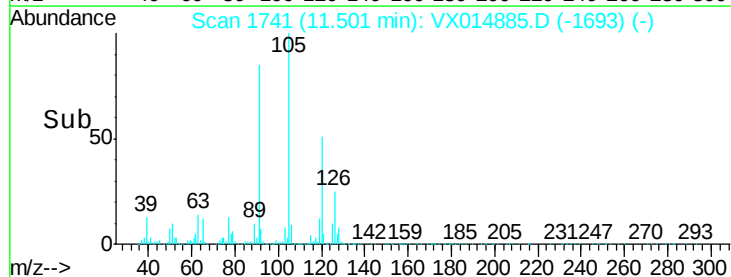
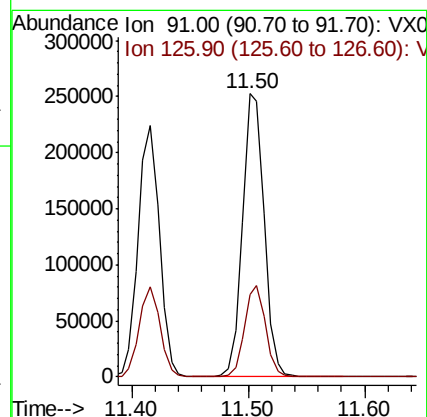
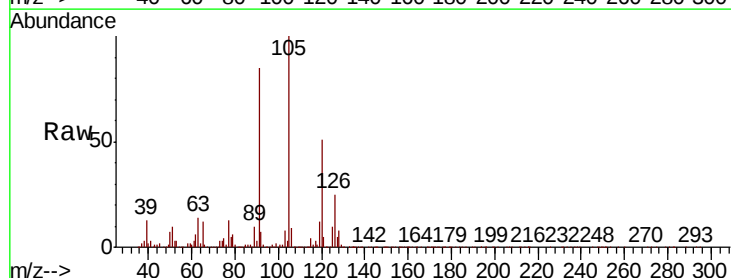
Acq: 10 Feb 2020 13:58

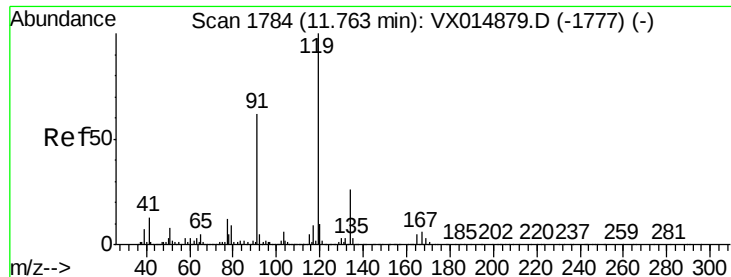
Tgt Ion: 91 Resp: 326848

Ion Ratio Lower Upper

91 100

126 31.1 15.7 47.0





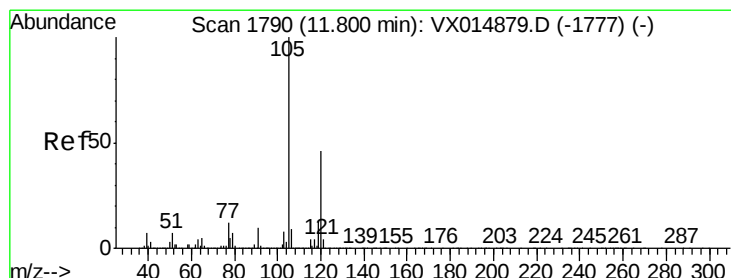
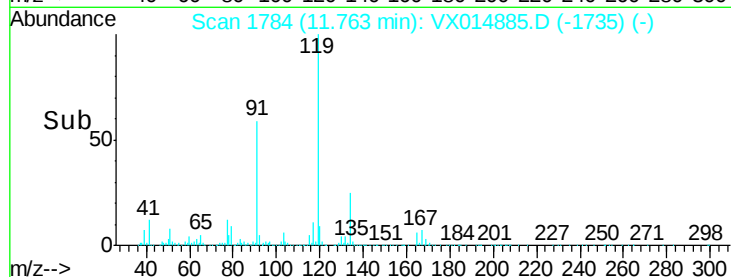
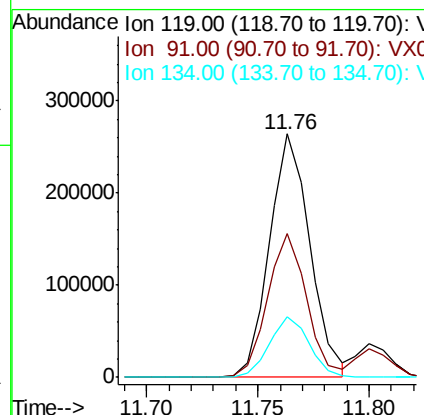
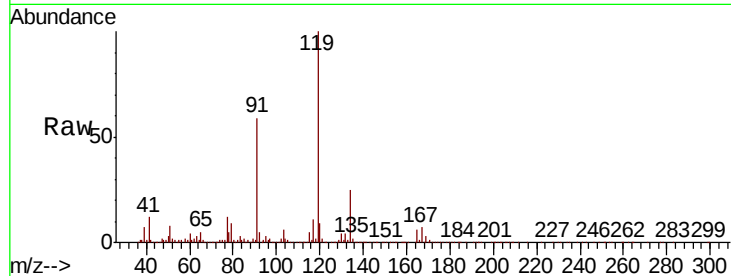
#83
tert-Butylbenzene
Concen: 19.799 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	332383		
91	57.2	29.5	88.6	
134	24.6	12.6	37.6	

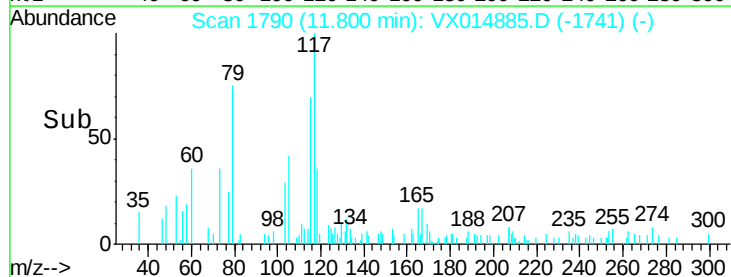
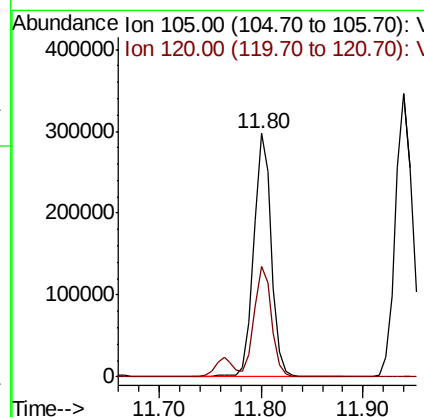
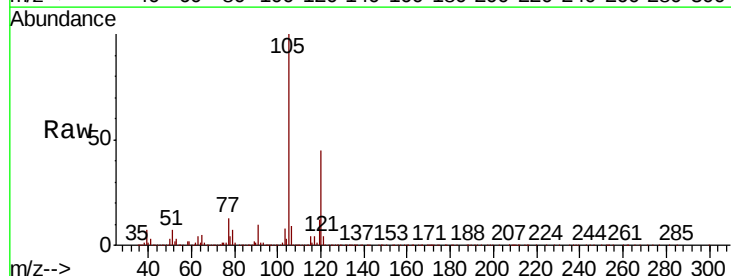
Manual Integrations
APPROVED

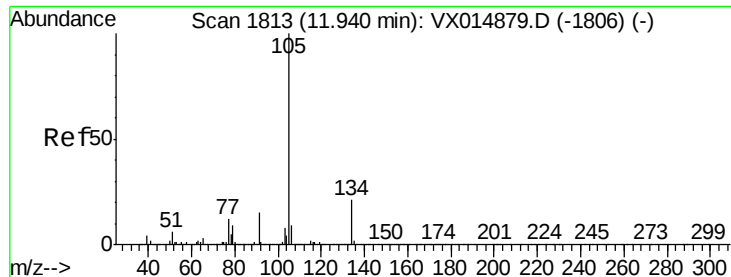
MMDadoda
2/11/2020 10:35:36 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.955 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	356515		
120	44.8	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.577 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0210WBS01

Tot Ion:105 Resp: 408289

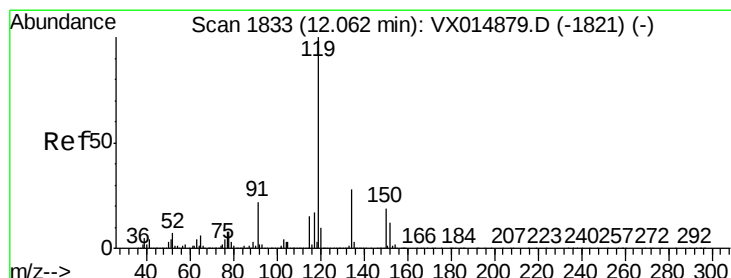
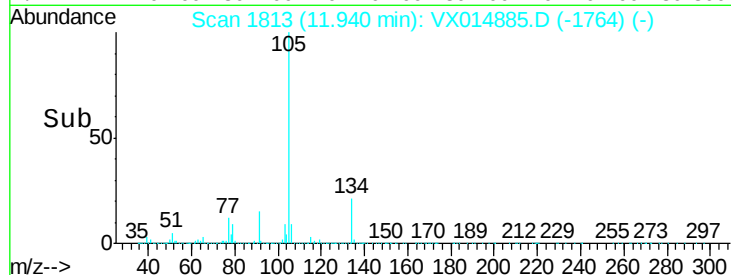
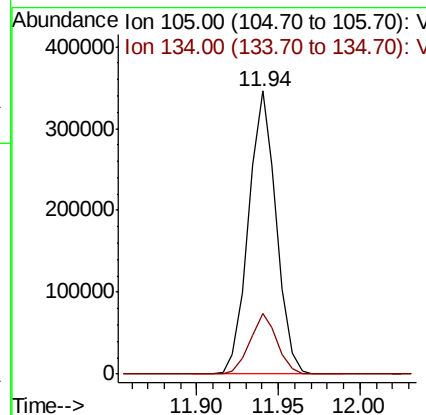
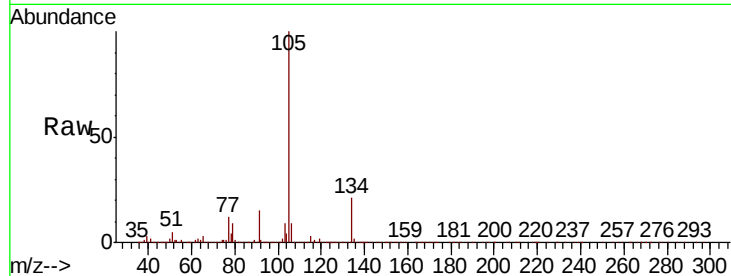
Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#86

p-Isopropyltoluene

Concen: 19.494 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

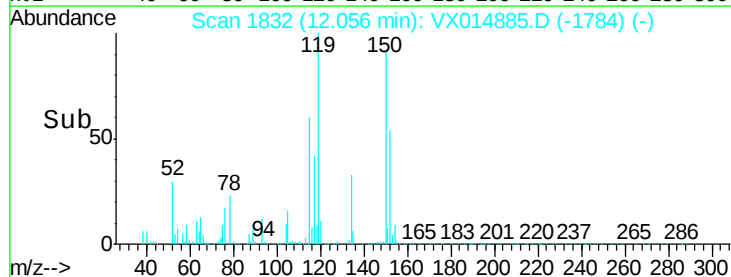
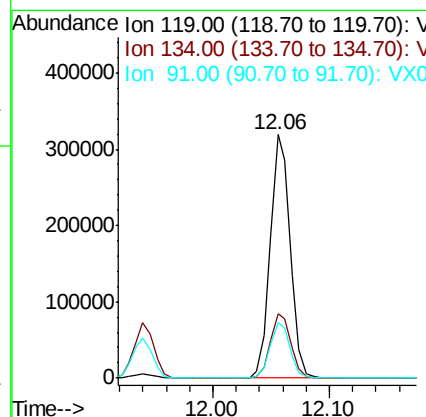
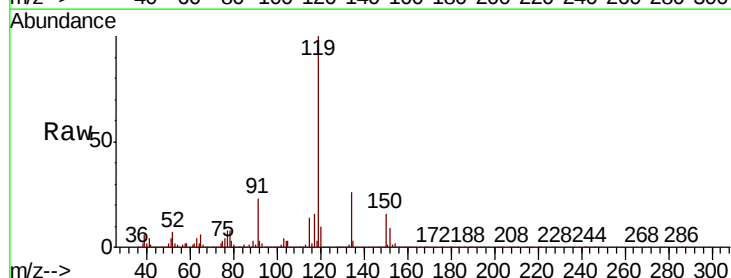
Tgt Ion:119 Resp: 380446

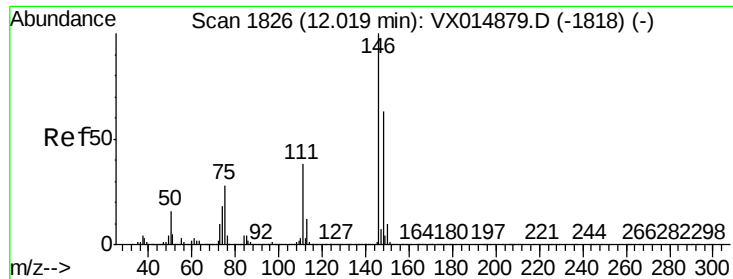
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.852 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

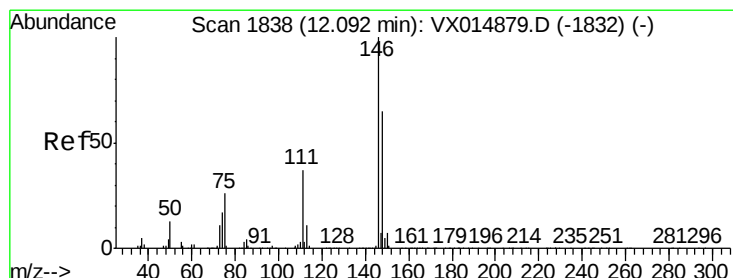
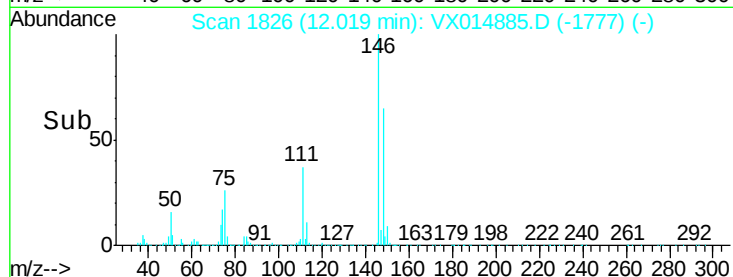
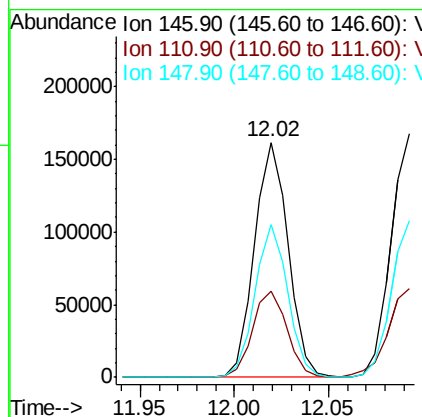
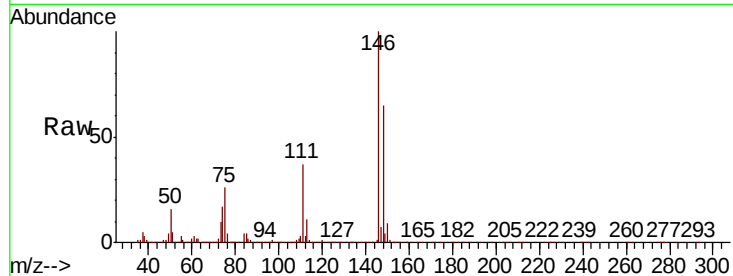
ClientSampleId :

VX0210WBS01

Tot Ion:	146	Resp:	200286
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.6	56.0
148	63.0	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#88

1,4-Dichlorobenzene

Concen: 18.390 ug/l

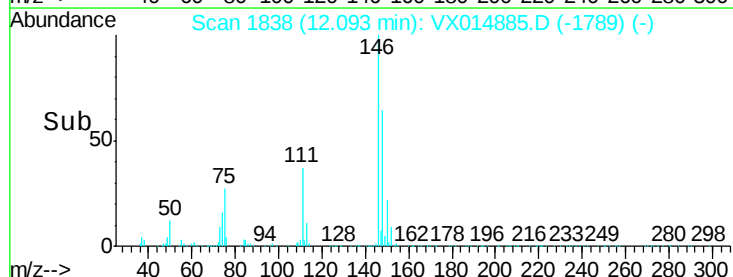
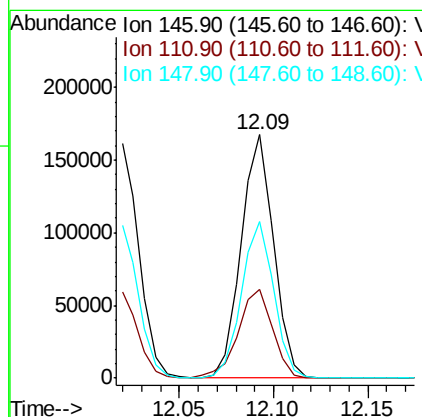
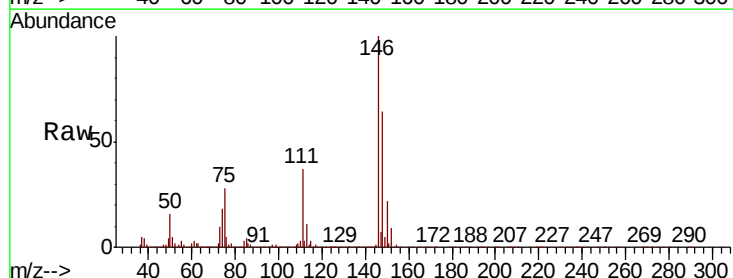
RT: 12.09 min Scan# 1838

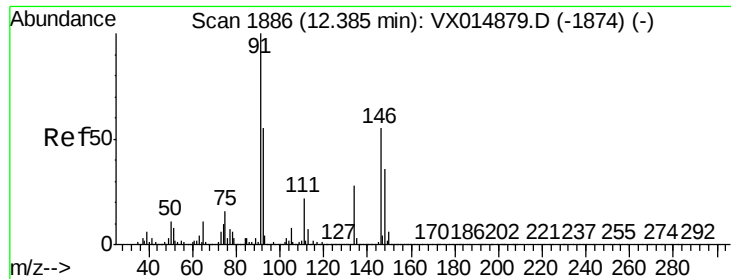
Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion:	146	Resp:	199519
Ion Ratio	Lower	Upper	
146	100		
111	38.9	18.6	55.6
148	64.1	32.4	97.0





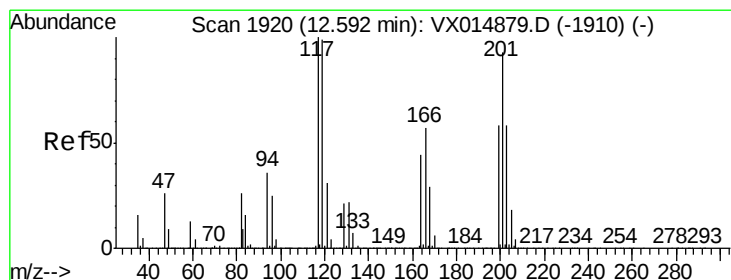
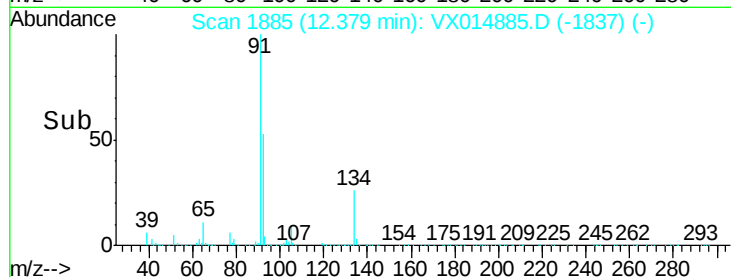
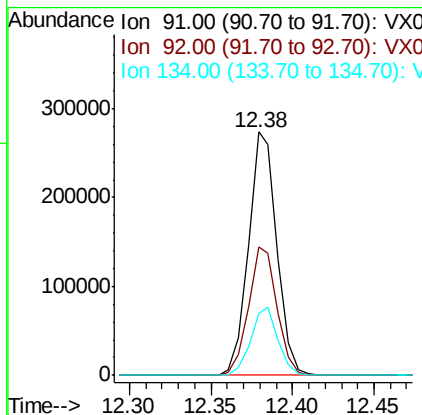
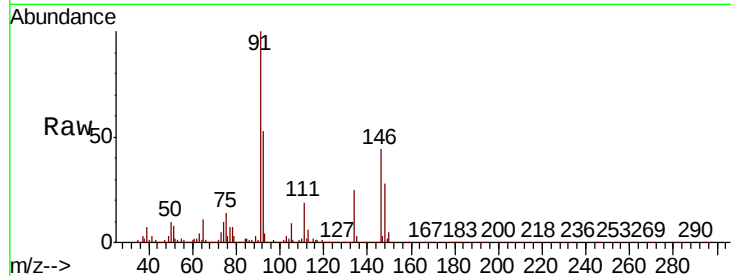
#89
n-Butylbenzene
Concen: 18.920 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.3	81.8
134	26.9	13.8	41.4

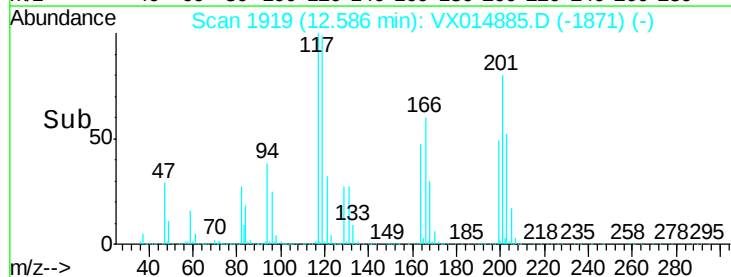
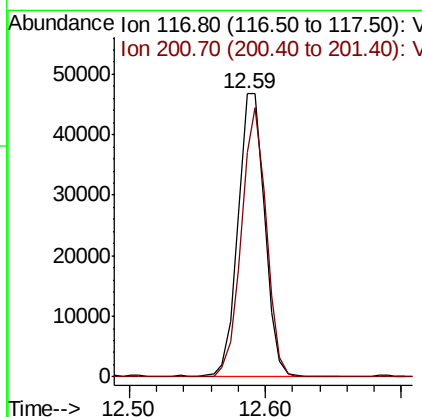
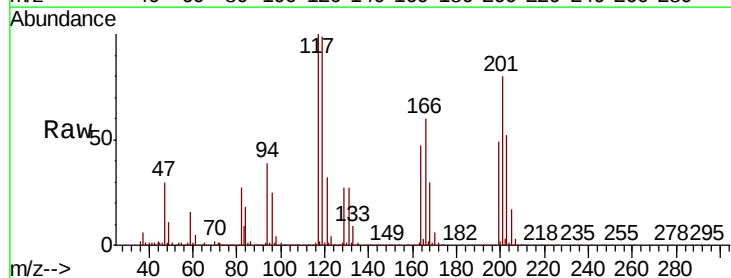
Manual Integrations
APPROVED

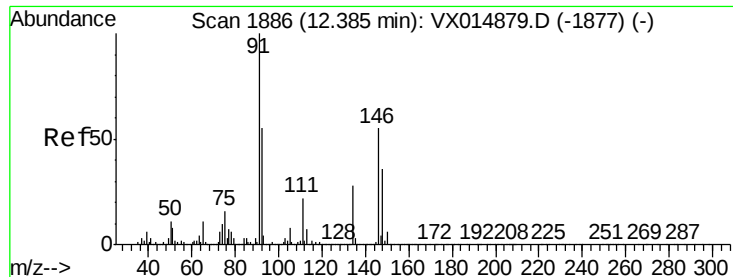
MMDadoda
2/11/2020 10:35:36 AM



#90
Hexachloroethane
Concen: 18.631 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX014885.D
Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.5	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 18.508 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

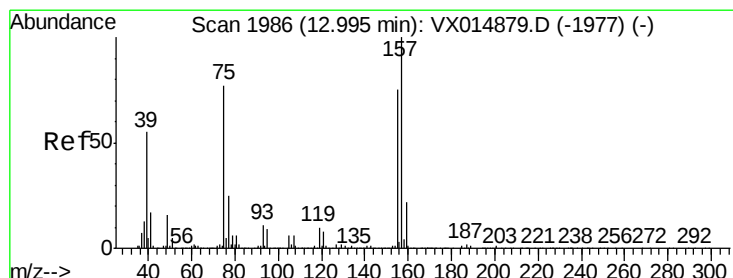
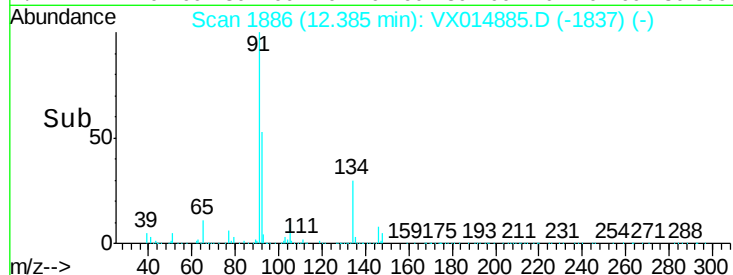
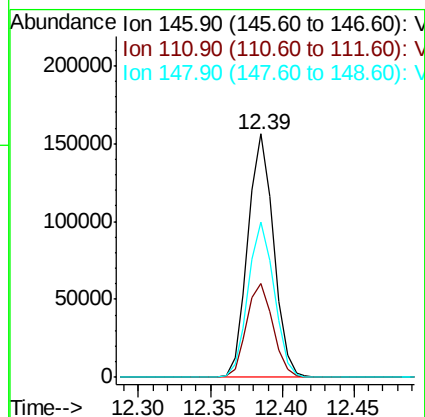
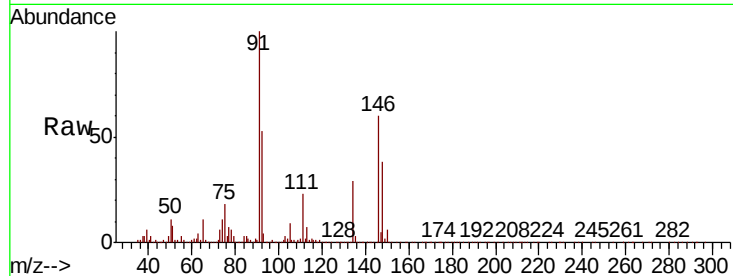
ClientSampleId :

VX0210WBS01

Tot Ion:	146	Resp:	192824
Ion Ratio		Lower	Upper
146	100		
111	39.5	19.8	59.3
148	64.9	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.543 ug/l

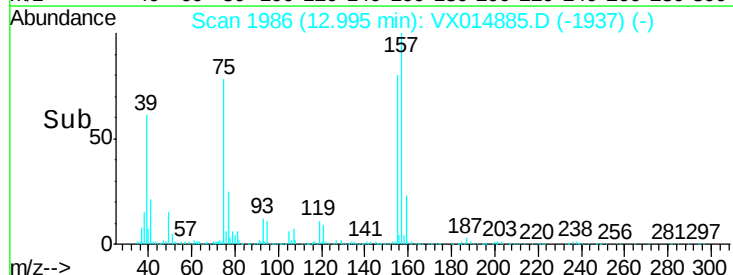
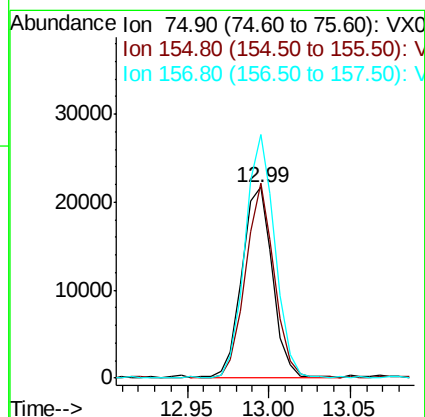
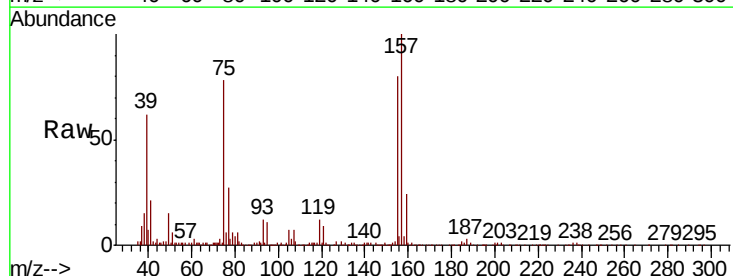
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion:	75	Resp:	28546
Ion Ratio		Lower	Upper
75	100		
155	95.6	48.6	145.9
157	123.8	62.0	186.0





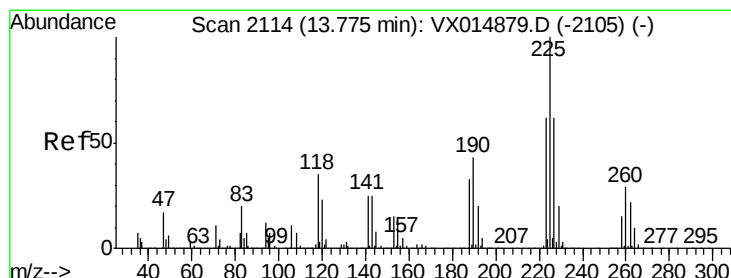
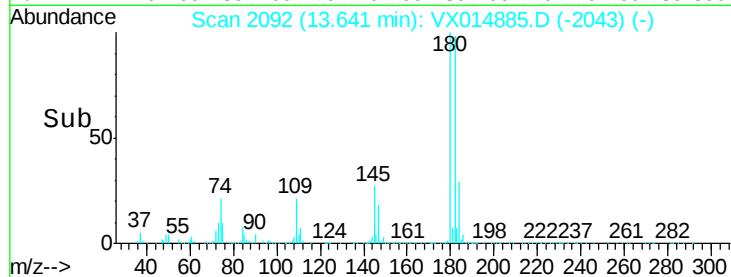
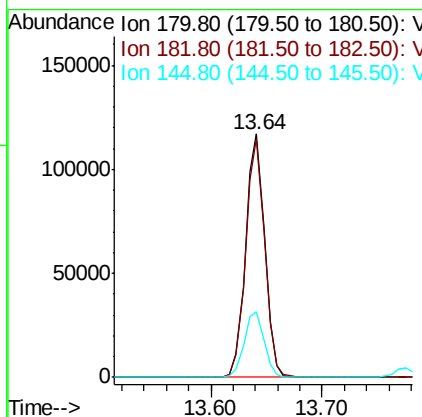
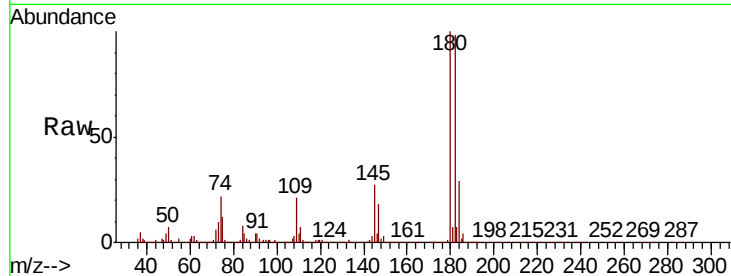
#93
 1,2,4-Trichlorobenzene
 Concen: 18.067 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014885.D
 Acq: 10 Feb 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138936		
182	97.3	48.4	145.3	
145	28.0	14.1	42.4	

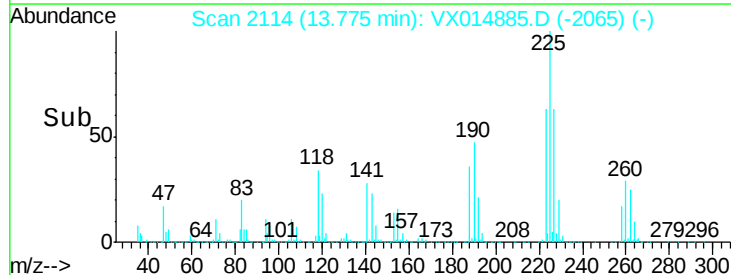
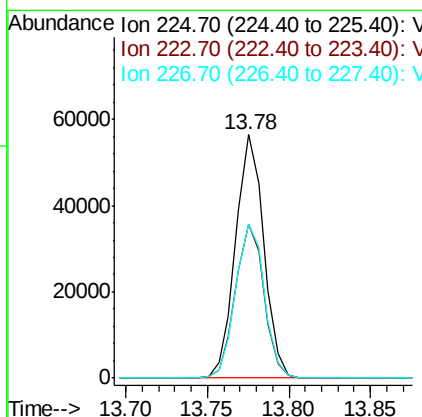
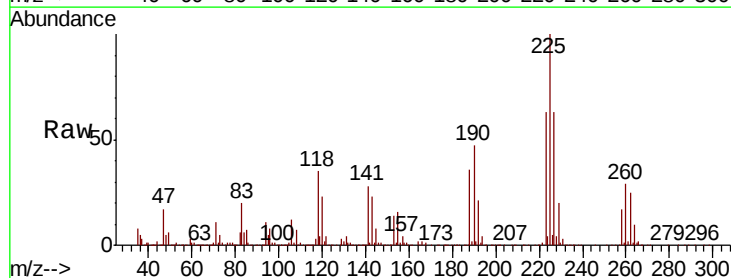
Manual Integrations
 APPROVED

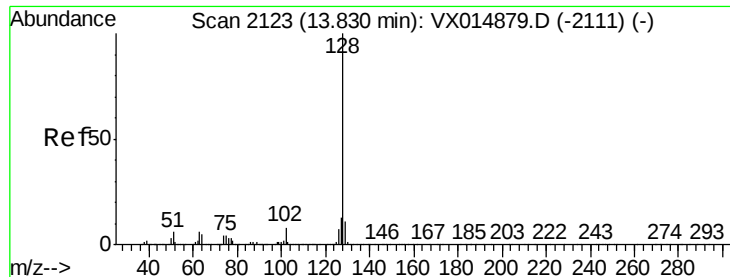
MMDadoda
 2/11/2020 10:35:36 AM



#94
 Hexachlorobutadiene
 Concen: 18.314 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014885.D
 Acq: 10 Feb 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68119		
223	63.8	31.1	93.2	
227	64.5	30.9	92.5	





#95

Naphthalene

Concen: 19.078 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Instrument :

MSVOA_X

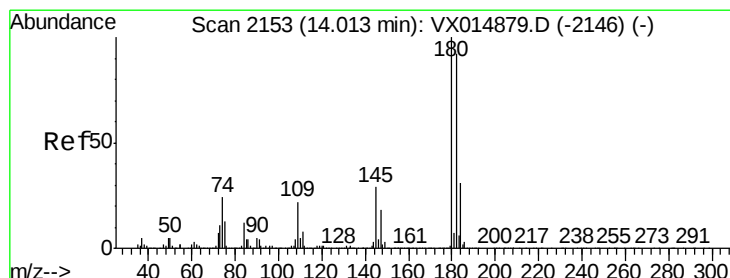
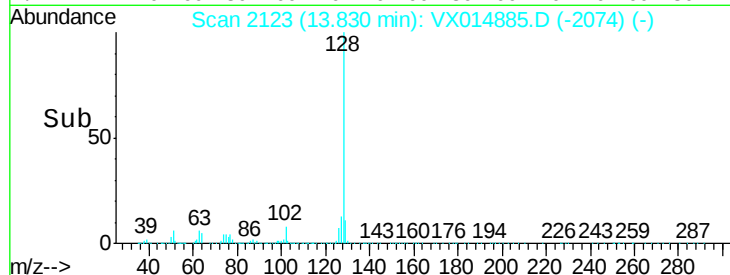
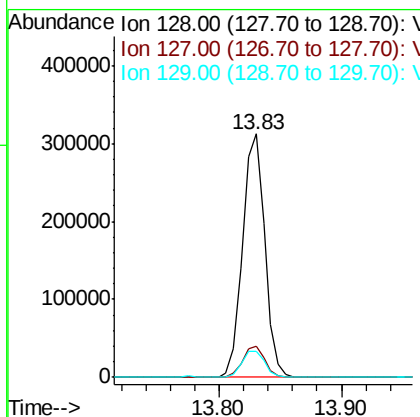
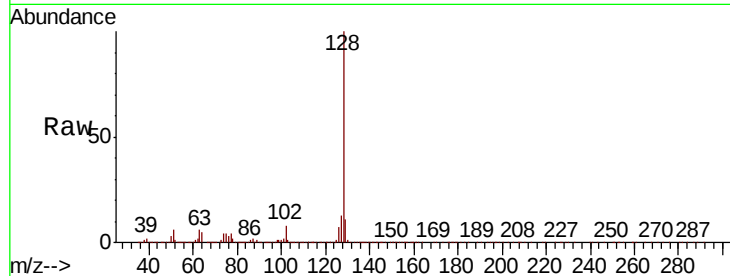
ClientSampleId :

VX0210WBS01

Tot Ion:	128	Resp:	390077
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:36 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.729 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014885.D

Acq: 10 Feb 2020 13:58

Tgt Ion:	180	Resp:	139152
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.6
145	30.0	14.5	43.5

