

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015881.D
 Acq On : 23 Apr 2020 11:42
 Operator : JC/SP
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:06:28 AM

Quant Time: Apr 24 04:20:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	899889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1321434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1247608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	675338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	508986	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
35) Dibromofluoromethane	5.47	113	398603	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
50) Toluene-d8	8.70	98	1586885	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.12	95	624469	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	178741	23.204	ug/l	99
3) Chloromethane	1.31	50	155613	19.725	ug/l	98
4) Vinyl Chloride	1.39	62	181666	19.895	ug/l	100
5) Bromomethane	1.63	94	79481	25.952	ug/l	99
6) Chloroethane	1.72	64	105515	20.278	ug/l	99
7) Trichlorofluoromethane	1.92	101	242520	21.406	ug/l	98
8) Diethyl Ether	2.17	74	87611	19.069	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	157643	20.512	ug/l	96
10) Methyl Iodide	2.49	142	163555	17.225	ug/l	98
11) Tert butyl alcohol	3.00	59	188938	90.350	ug/l	99
12) 1,1-Dichloroethene	2.36	96	158112	20.060	ug/l	97
13) Acrolein	2.27	56	97939	79.152	ug/l	98
14) Allyl chloride	2.70	41	324062	19.348	ug/l	98
15) Acrylonitrile	3.11	53	467605	96.335	ug/l	100
16) Acetone	2.42	43	365754	82.071	ug/l	98
17) Carbon Disulfide	2.55	76	441155	15.412	ug/l	98
18) Methyl Acetate	2.75	43	268860	18.274	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	560434	20.141	ug/l	100
20) Methylene Chloride	2.84	84	179388	19.828	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	169495	19.382	ug/l	95
22) Diisopropyl ether	3.83	45	619017	20.505	ug/l	99
23) Vinyl Acetate	3.78	43	2518660	100.807	ug/l	99
24) 1,1-Dichloroethane	3.67	63	312827	19.882	ug/l	100
25) 2-Butanone	4.63	43	645467	91.634	ug/l	98
26) 2,2-Dichloropropane	4.55	77	287380	20.446	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	202374	20.384	ug/l	97
28) Bromochloromethane	4.98	49	148741	18.016	ug/l	100
29) Tetrahydrofuran	5.09	42	437435	93.888	ug/l	99
30) Chloroform	5.18	83	310923	19.640	ug/l	100
31) Cyclohexane	5.55	56	310112	20.739	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	285947	20.258	ug/l	98
36) 1,1-Dichloropropene	5.77	75	243825	20.814	ug/l	99
37) Ethyl Acetate	4.79	43	270443	19.398	ug/l	99
38) Carbon Tetrachloride	5.75	117	244646	21.201	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015881.D
 Acq On : 23 Apr 2020 11:42
 Operator : JC/SP
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:06:28 AM

Quant Time: Apr 24 04:20:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	302824	20.413	ug/l	97
40) Benzene	6.11	78	723611	20.509	ug/l	98
41) Methacrylonitrile	5.00	41	153471	19.810	ug/l	97
42) 1,2-Dichloroethane	6.16	62	258654	20.358	ug/l	98
43) Isopropyl Acetate	6.41	43	459097	19.521	ug/l	99
44) Trichloroethene	7.19	130	251431	20.277	ug/l	97
45) 1,2-Dichloropropane	7.49	63	190295	20.580	ug/l	99
46) Dibromomethane	7.64	93	126809	18.787	ug/l	99
47) Bromodichloromethane	7.87	83	246418	20.521	ug/l	100
48) Methyl methacrylate	7.75	41	226772	19.603	ug/l	100
49) 1,4-Dioxane	7.72	88	77124	352.759	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1325414	97.638	ug/l	100
52) Toluene	8.76	92	463666	20.502	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	305281	20.490	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	318130	20.203	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	178185	20.177	ug/l	99
56) Ethyl methacrylate	9.16	69	292573	19.559	ug/l	98
57) 1,3-Dichloropropane	9.36	76	312341	20.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	719254	96.253	ug/l	99
59) 2-Hexanone	9.47	43	972049	93.996	ug/l	99
60) Dibromochloromethane	9.56	129	191452	20.993	ug/l	97
61) 1,2-Dibromoethane	9.65	107	190227	19.490	ug/l	99
64) Tetrachloroethene	9.32	164	320031	19.031	ug/l	98
65) Chlorobenzene	10.12	112	501708	20.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	189355	20.305	ug/l	99
67) Ethyl Benzene	10.23	91	892477	20.371	ug/l	99
68) m/p-Xylenes	10.34	106	674525	41.018	ug/l	99
69) o-Xylene	10.68	106	326652	20.186	ug/l	98
70) Styrene	10.70	104	562425	20.072	ug/l	99
71) Bromoform	10.84	173	137670	22.655	ug/l #	99
73) Isopropylbenzene	11.00	105	880468	20.528	ug/l	100
74) N-amyl acetate	10.88	43	413711	18.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	176306	19.423	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	254374m	19.808	ug/l	
77) Bromobenzene	11.24	156	241759	20.629	ug/l	99
78) n-propylbenzene	11.34	91	998008	20.312	ug/l	100
79) 2-Chlorotoluene	11.40	91	588827	19.951	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	748226	20.459	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	97862	18.331	ug/l #	89
82) 4-Chlorotoluene	11.49	91	718236	20.479	ug/l	99
83) tert-Butylbenzene	11.76	119	662509	20.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	767698	20.219	ug/l	98
85) sec-Butylbenzene	11.93	105	863561	20.193	ug/l	100
86) p-Isopropyltoluene	12.05	119	825432	20.642	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	424683	19.741	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	425493	19.759	ug/l	97
89) n-Butylbenzene	12.37	91	703380	19.674	ug/l	99
90) Hexachloroethane	12.58	117	117614	27.842	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	398450	19.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52444	19.482	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015881.D
Acq On : 23 Apr 2020 11:42
Operator : JC/SP
Sample : VX0423WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

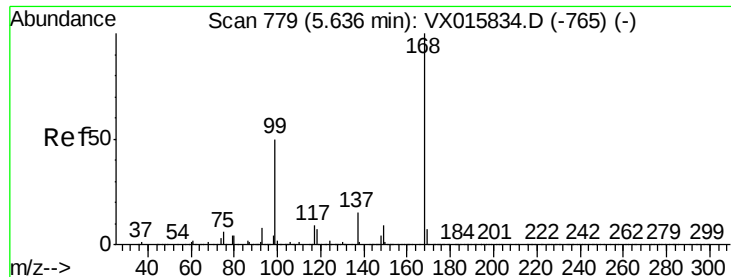
Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM

Quant Time: Apr 24 04:20:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	309715	19.266	ug/l	99
94) Hexachlorobutadiene	13.77	225	143022	19.842	ug/l	98
95) Naphthalene	13.82	128	878413	18.992	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	303021	19.320	ug/l	97

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



#1

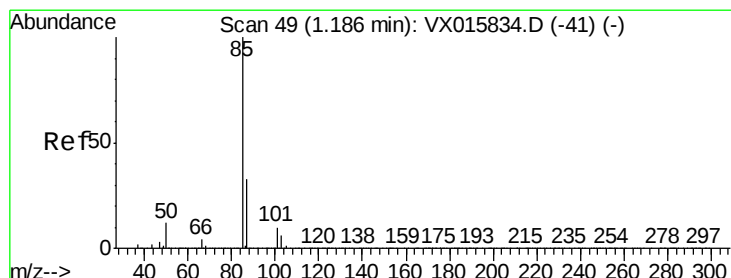
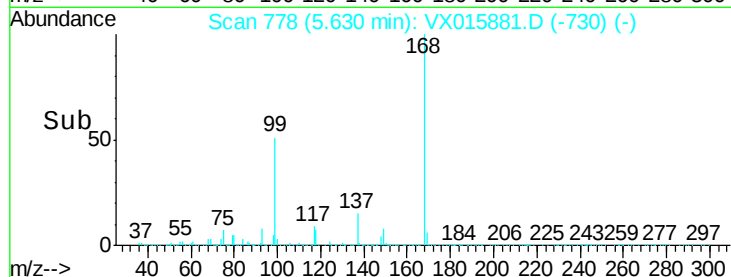
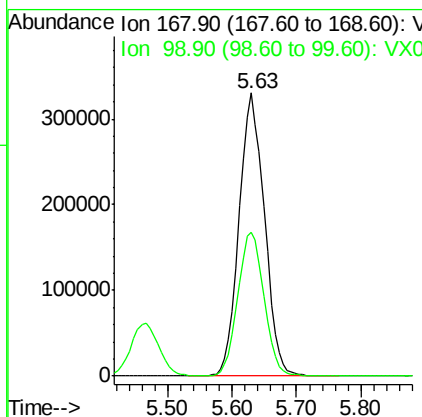
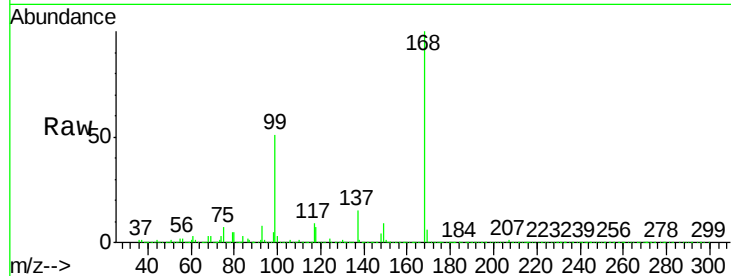
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.9	40.3	60.5

Manual Integrations
APPROVED

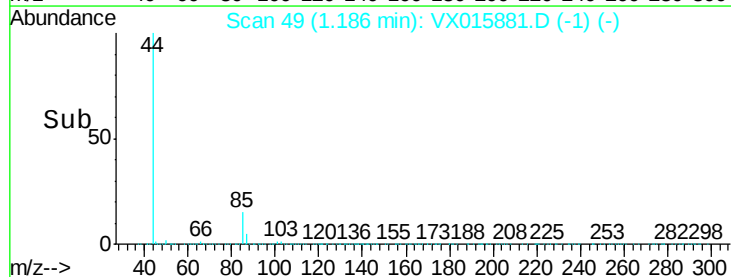
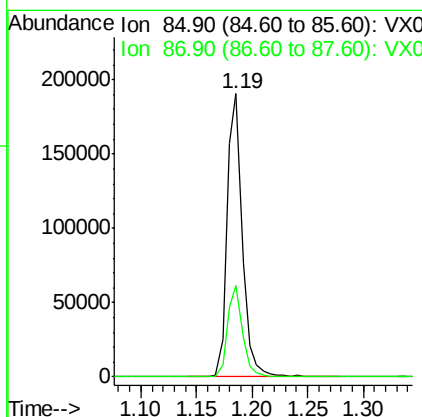
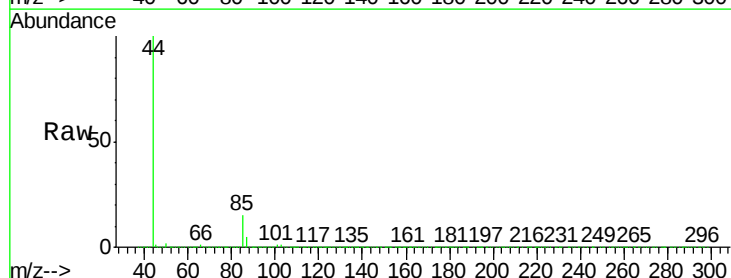
MMDadoda
4/24/2020 11:06:28 AM

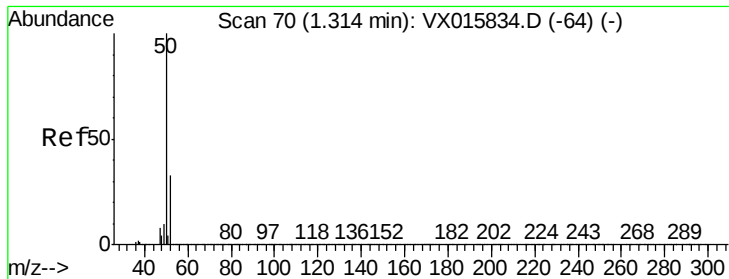


#2

Dichlorodifluoromethane
Concen: 23.204 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.4	49.2





#3

Chloromethane

Concen: 19.725 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 50 Resp: 155613

Ion Ratio Lower Upper

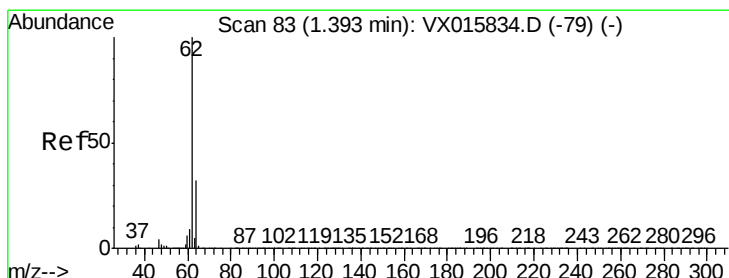
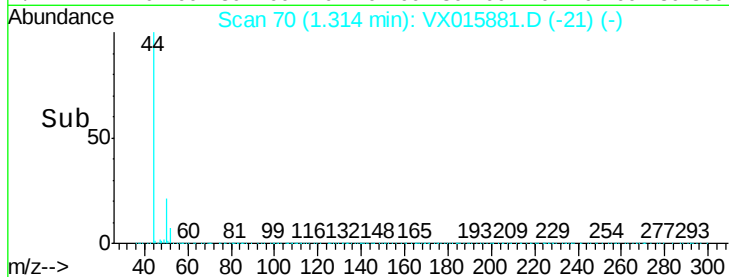
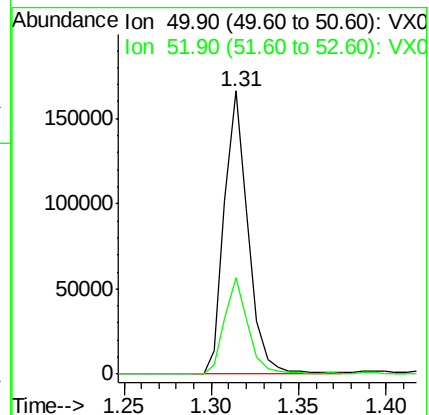
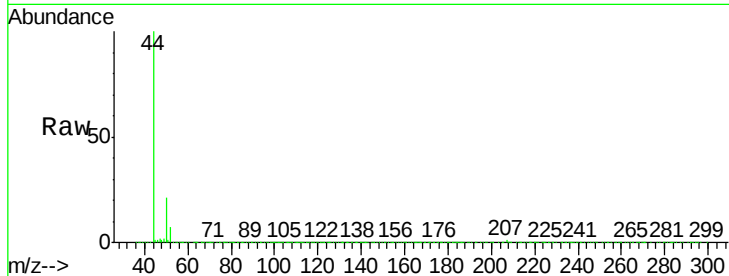
50 100

52 33.7 26.2 39.4

Manual Integrations
APPROVED

MMDadoda

4/24/2020 11:06:28 AM



#4

Vinyl Chloride

Concen: 19.895 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015881.D

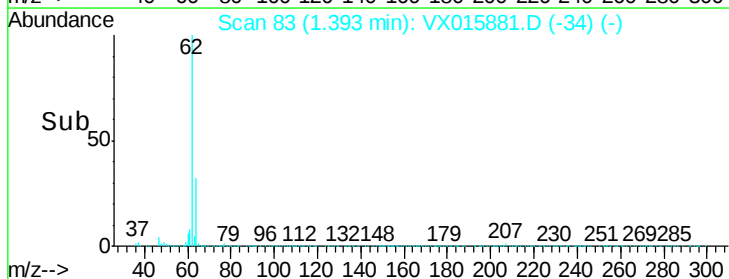
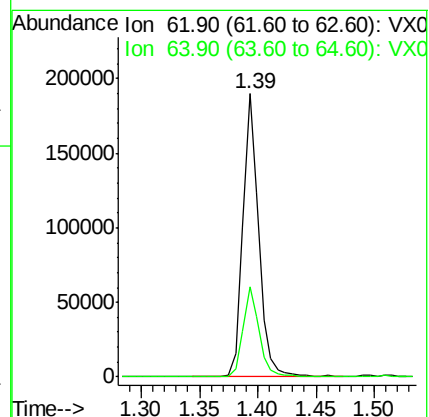
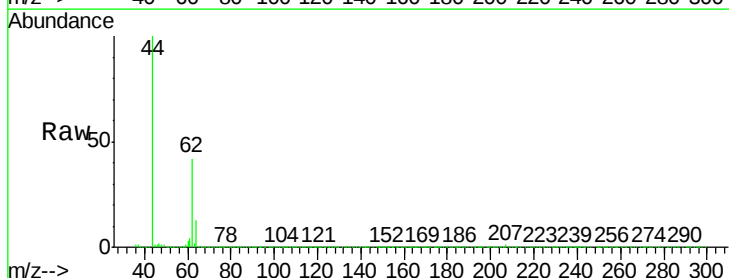
Acq: 23 Apr 2020 11:42

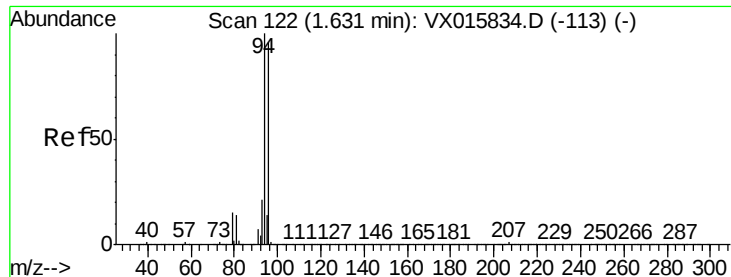
Tgt Ion: 62 Resp: 181666

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 25.952 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 94 Resp: 79481

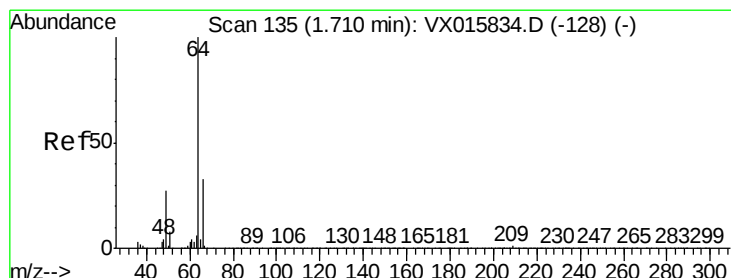
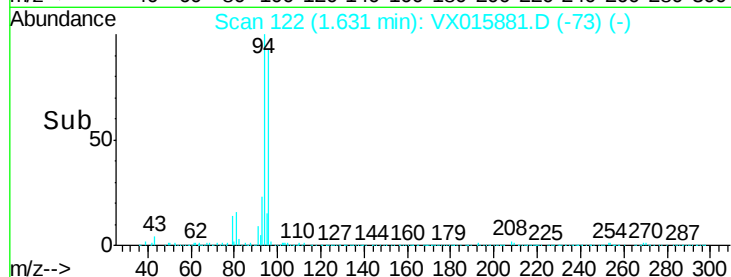
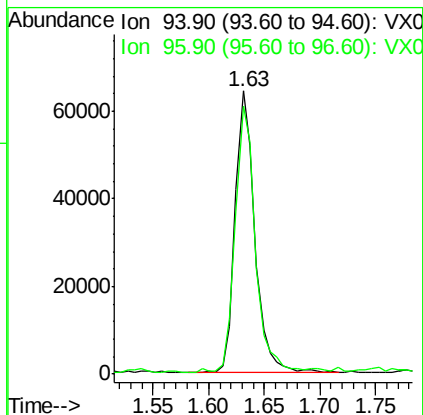
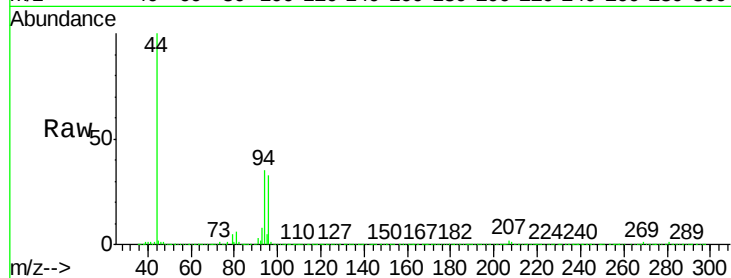
Ion Ratio Lower Upper

94 100

96 94.7 76.7 115.1

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#6

Chloroethane

Concen: 20.278 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015881.D

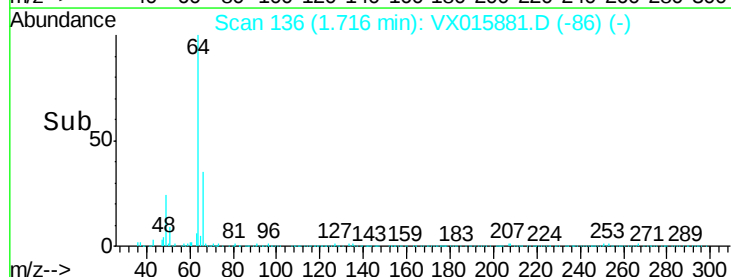
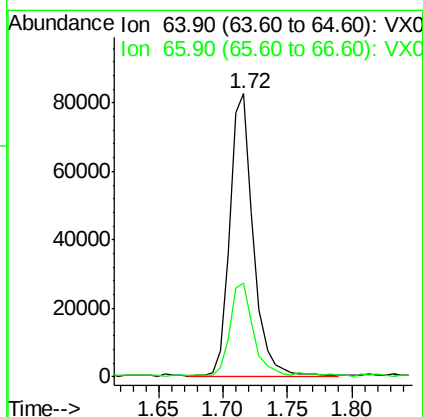
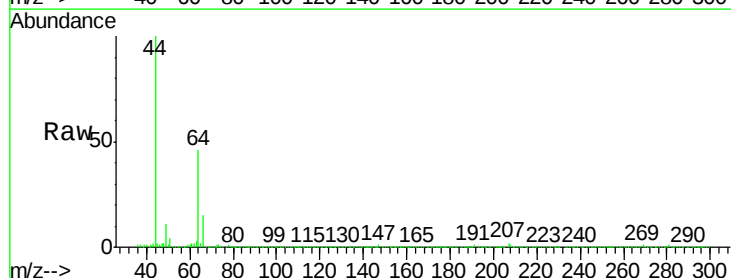
Acq: 23 Apr 2020 11:42

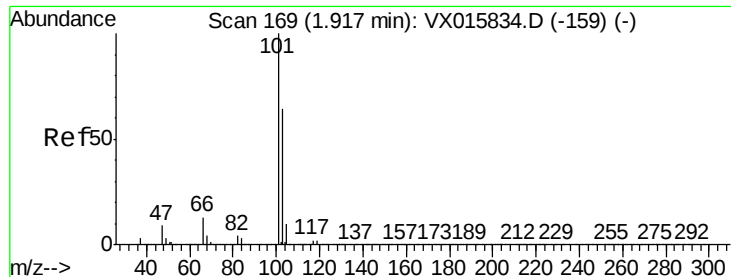
Tgt Ion: 64 Resp: 105515

Ion Ratio Lower Upper

64 100

66 33.0 26.2 39.2





#7

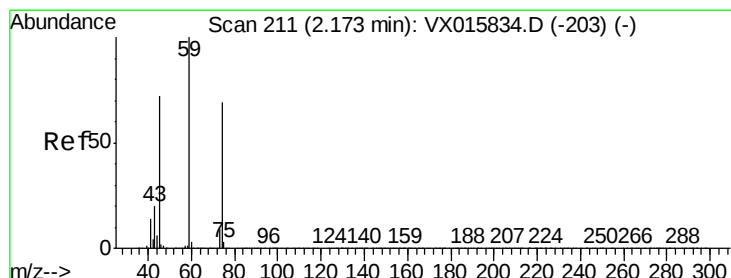
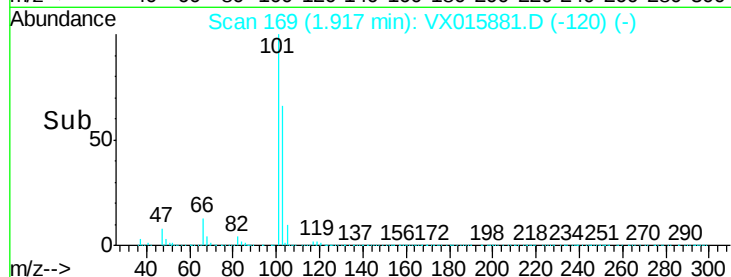
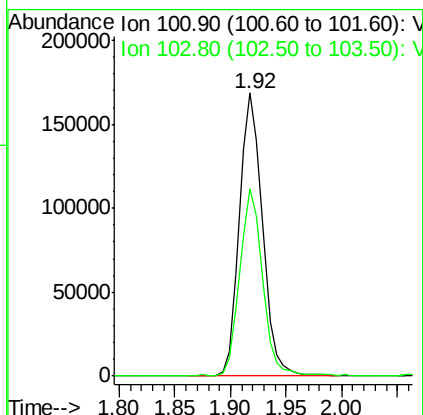
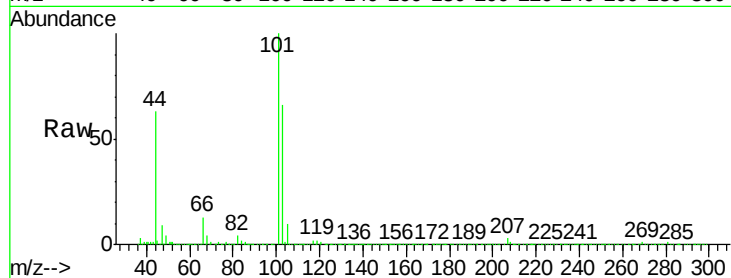
Trichlorofluoromethane
Concen: 21.406 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	242520		
103	65.8	51.4	77.0	

Manual Integrations
APPROVED

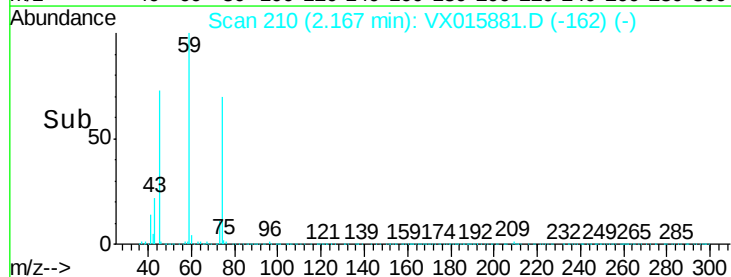
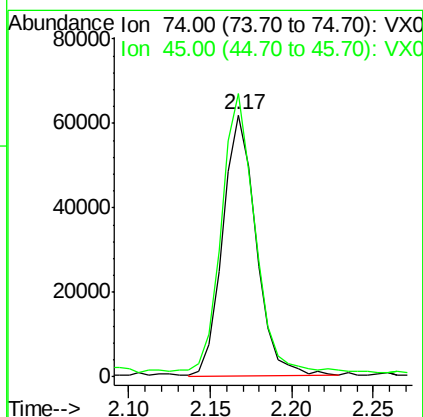
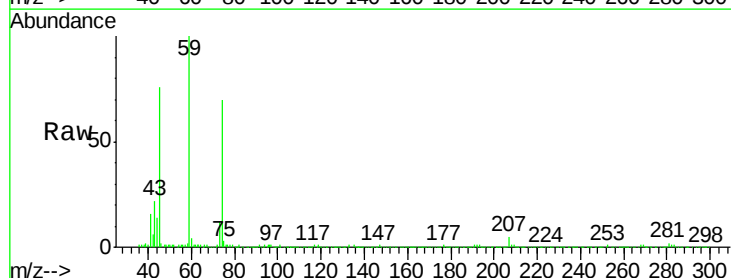
MMDadoda
4/24/2020 11:06:28 AM

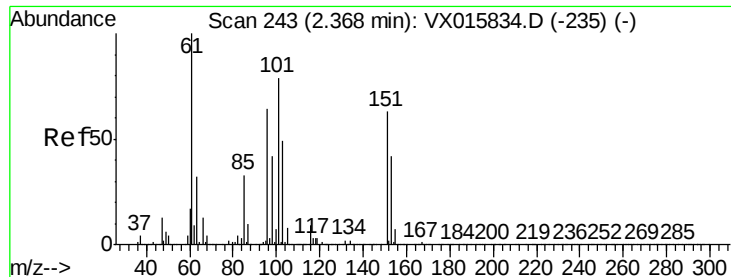


#8

Diethyl Ether
Concen: 19.069 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	87611		
45	109.3	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.512 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

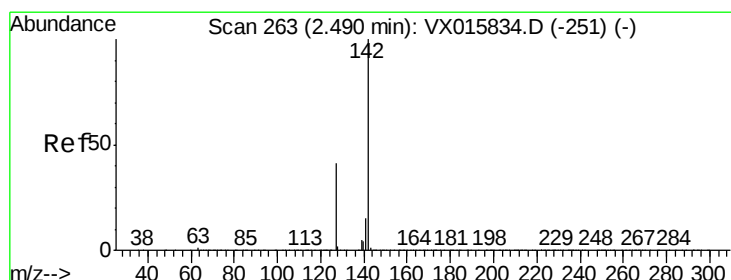
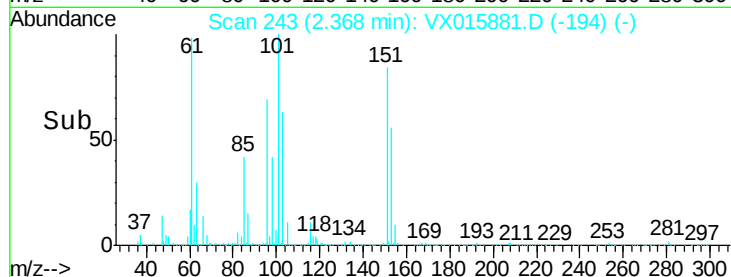
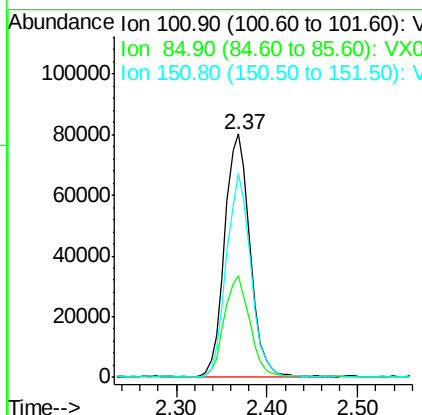
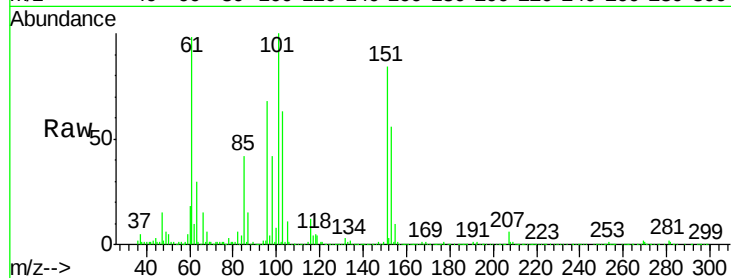
ClientSampleId :

VX0423WBS01

Tot Ion:	101	Resp:	157643
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.8	50.6
151	80.3	67.8	101.6

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#10

Methyl Iodide

Concen: 17.225 ug/l

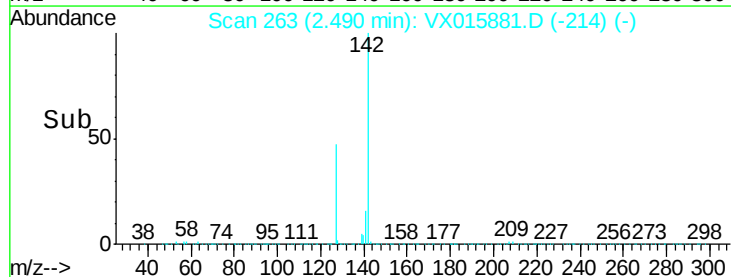
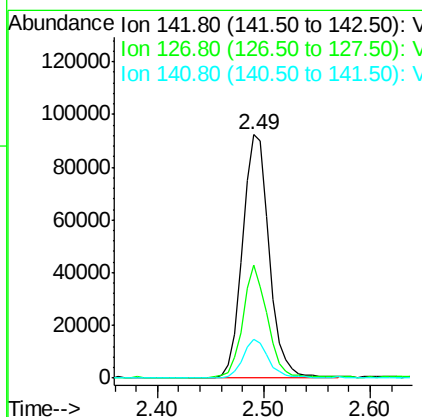
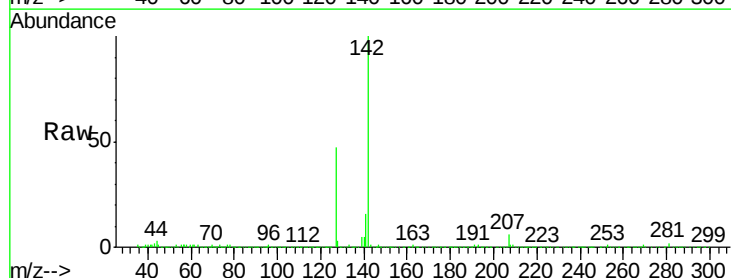
RT: 2.49 min Scan# 263

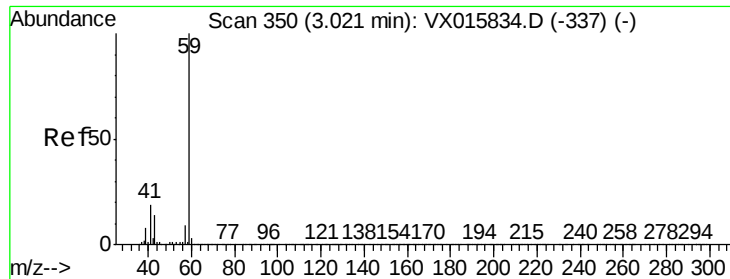
Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion:	142	Resp:	163555
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.3	49.9
141	14.6	11.8	17.6





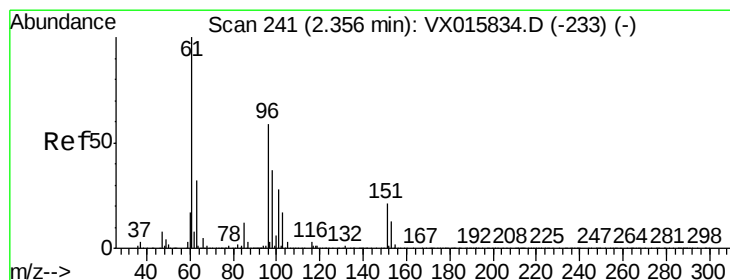
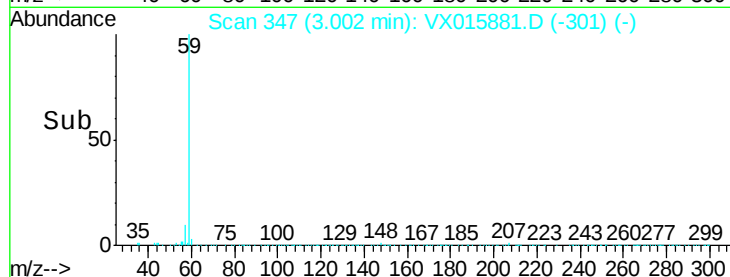
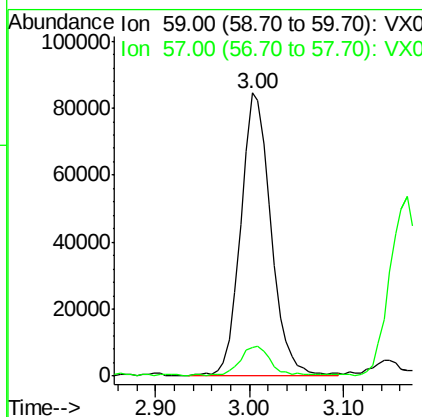
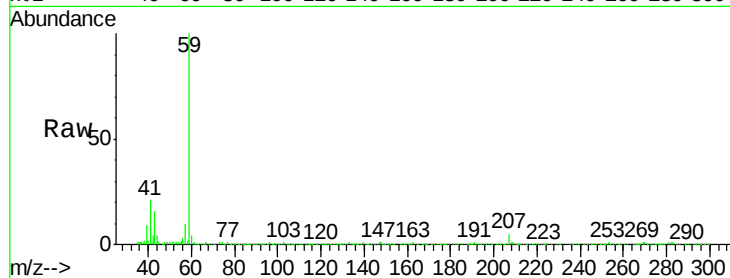
#11
Tert butyl alcohol
Concen: 90.350 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	188938		
57	9.8		8.2	12.2

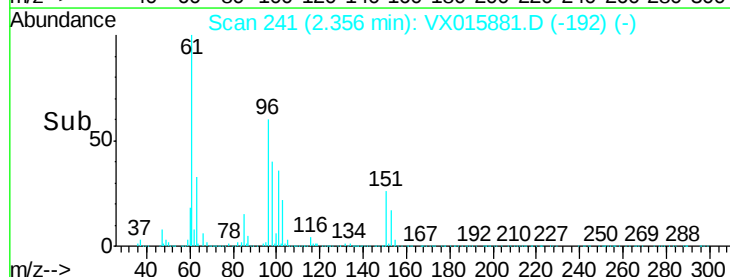
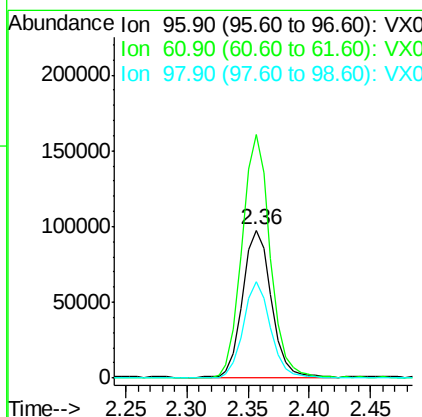
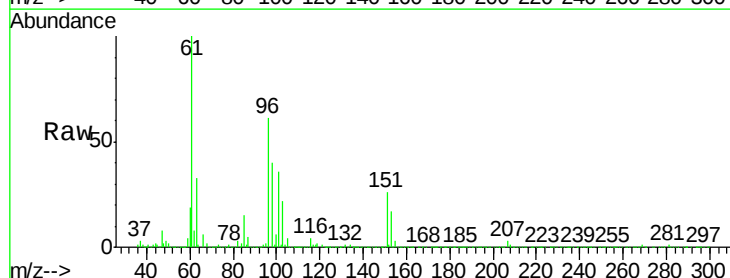
Manual Integrations
APPROVED

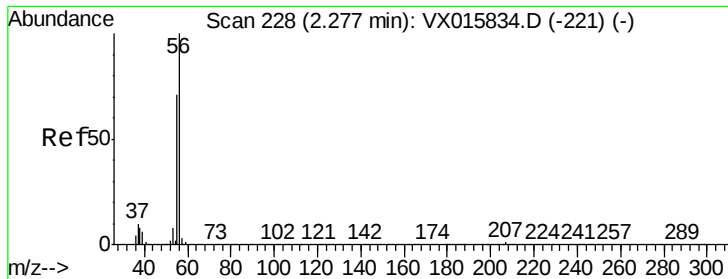
MMDadoda
4/24/2020 11:06:28 AM



#12
1,1-Dichloroethene
Concen: 20.060 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	158112		
61	165.5		135.0	202.6
98	65.7		50.6	76.0





#13

Acrolein

Concen: 79.152 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 56 Resp: 97939

Ion Ratio Lower Upper

56 100

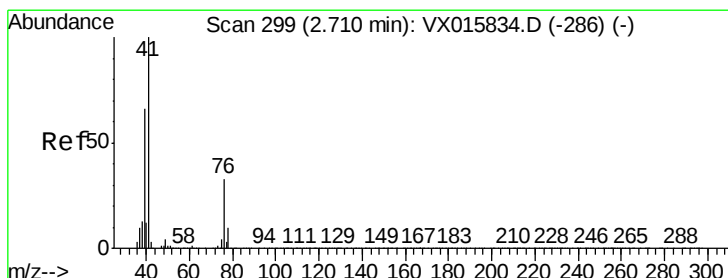
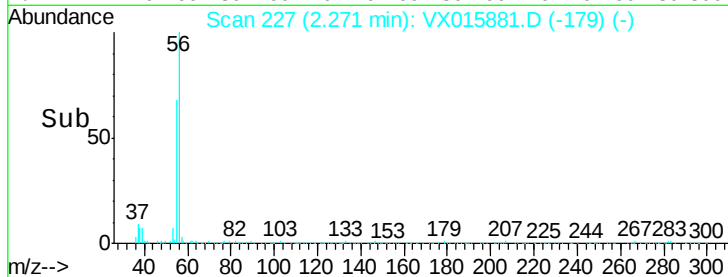
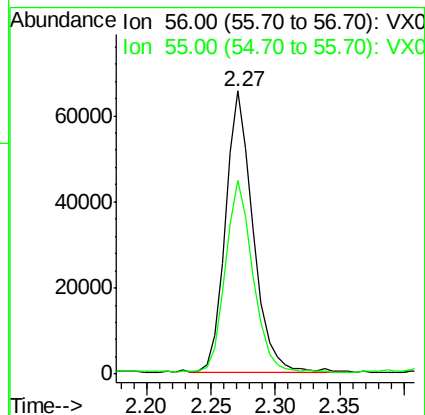
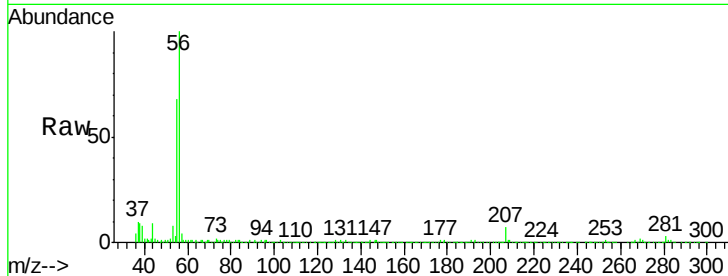
55 68.3 56.1 84.1

Manual Integrations

APPROVED

MMDadoda

4/24/2020 11:06:28 AM



#14

Allyl chloride

Concen: 19.348 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

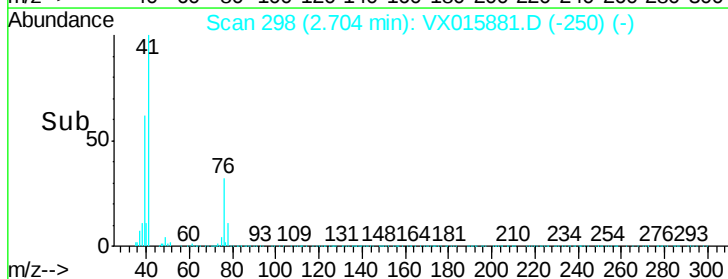
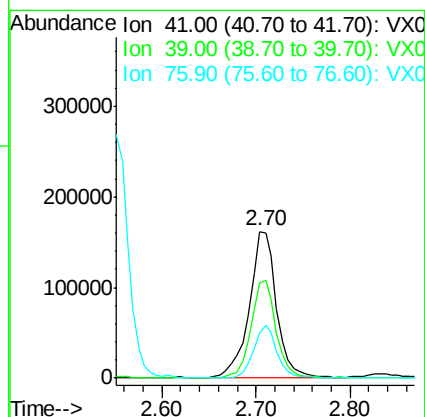
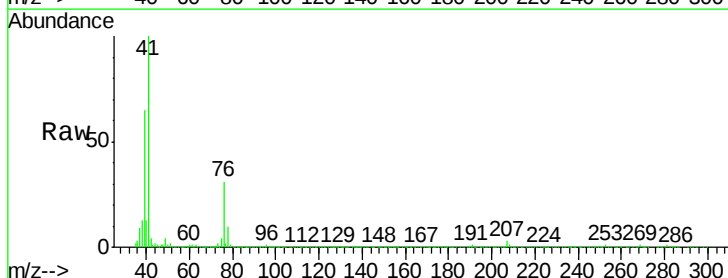
Tgt Ion: 41 Resp: 324062

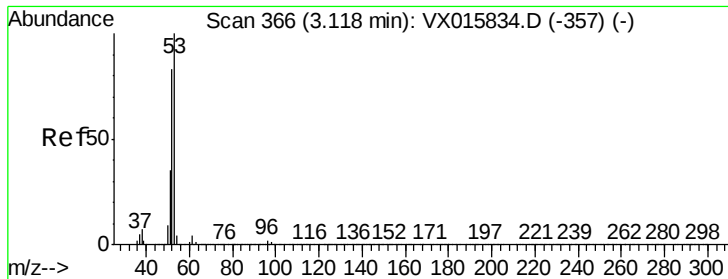
Ion Ratio Lower Upper

41 100

39 61.5 48.4 72.6

76 30.9 23.8 35.8





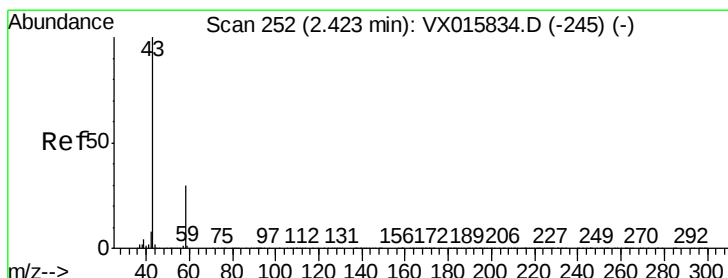
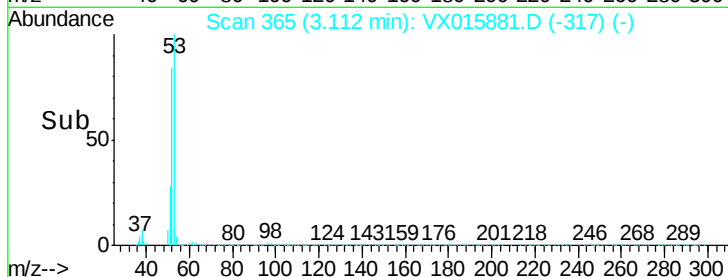
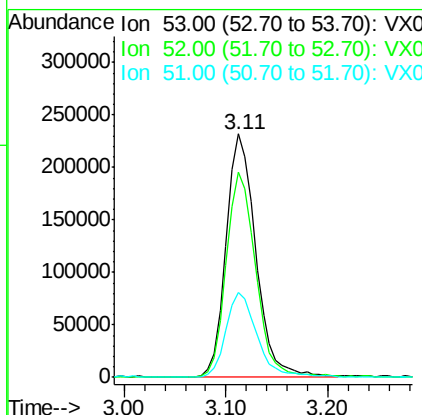
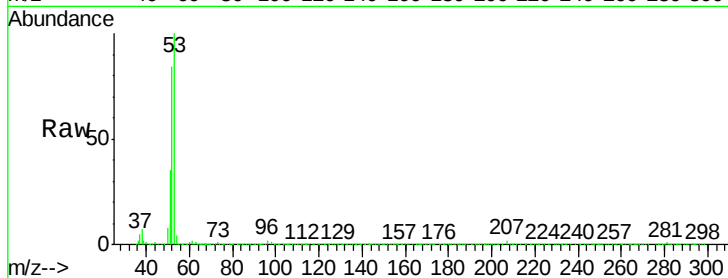
#15
 Acrylonitrile
 Concen: 96.335 ug/l
 RT: 3.11 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion:	53	Resp:	467605
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.2	99.4
51	36.1	28.6	43.0

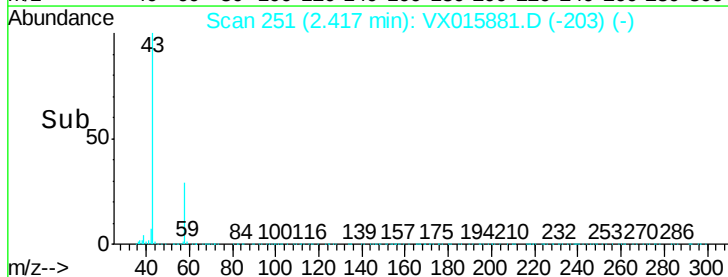
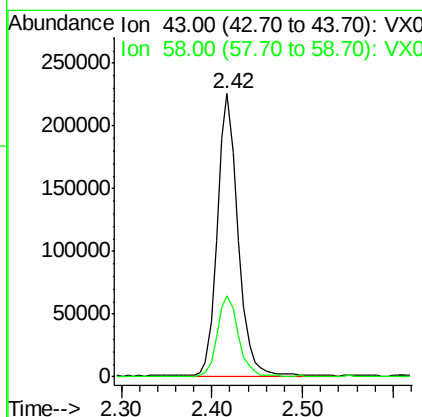
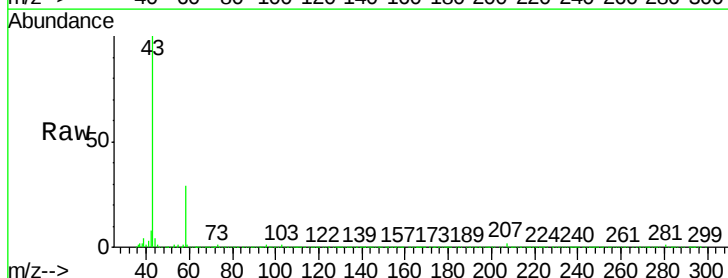
Manual Integrations
 APPROVED

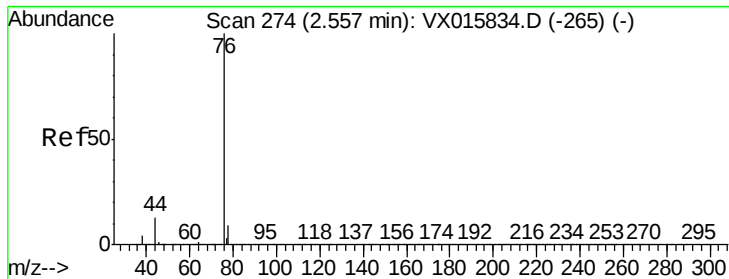
MMDadoda
 4/24/2020 11:06:28 AM



#16
 Acetone
 Concen: 82.071 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion:	43	Resp:	365754
Ion Ratio	Lower	Upper	
43	100		
58	28.7	24.0	36.0





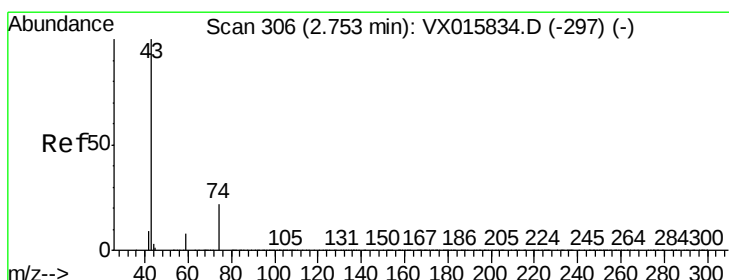
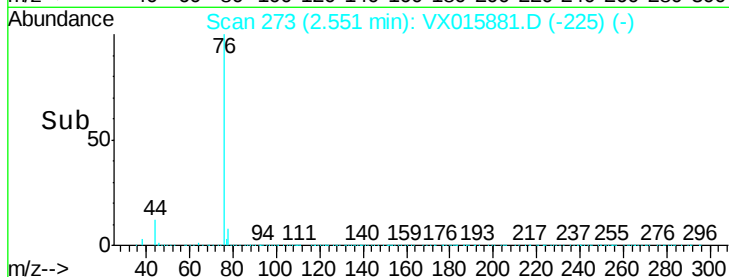
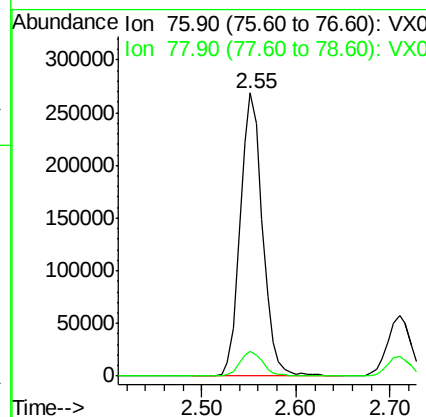
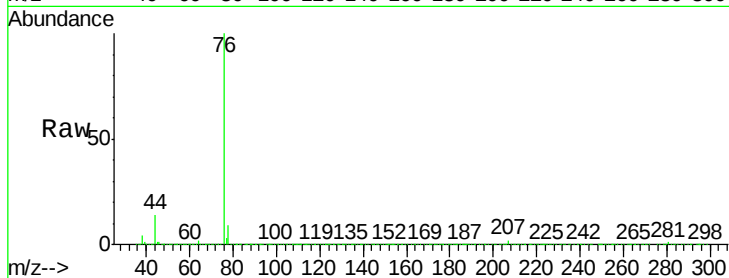
#17
Carbon Disulfide
Concen: 15.412 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2

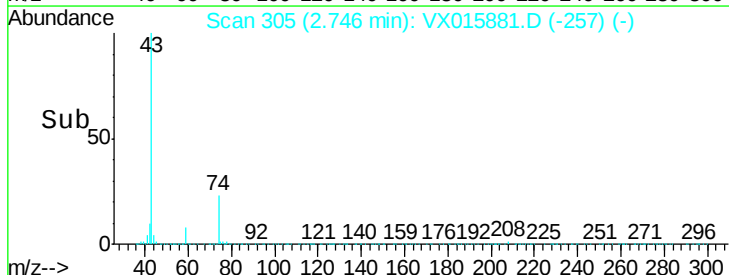
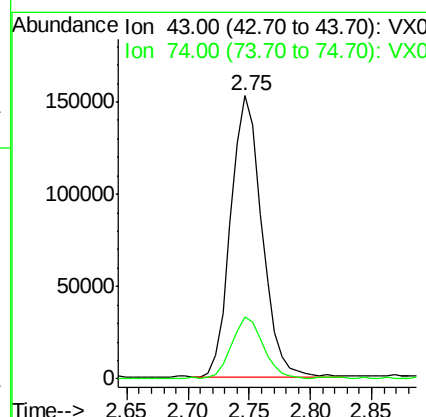
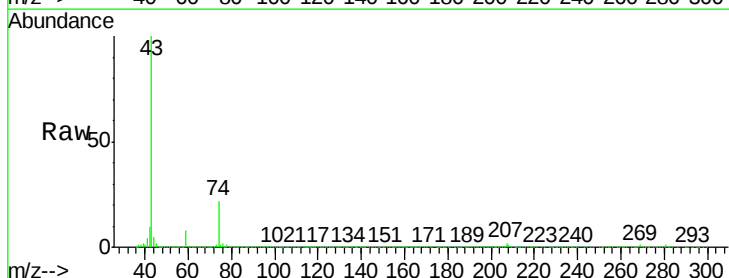
Manual Integrations
APPROVED

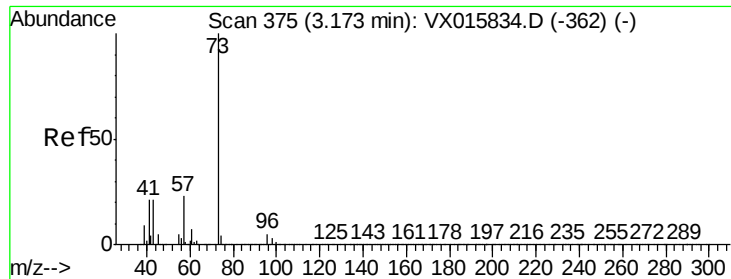
MMDadoda
4/24/2020 11:06:28 AM



#18
Methyl Acetate
Concen: 18.274 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.9	26.9





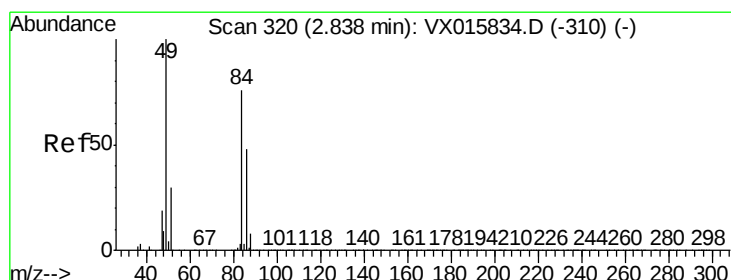
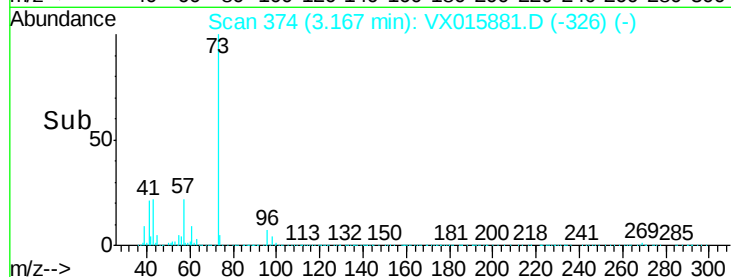
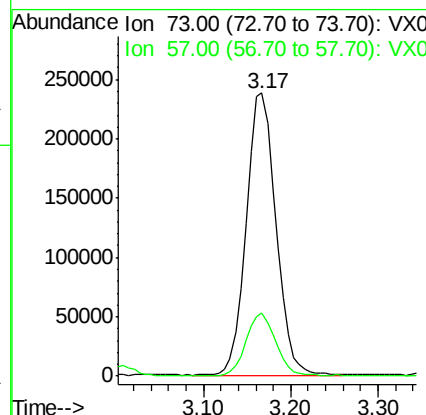
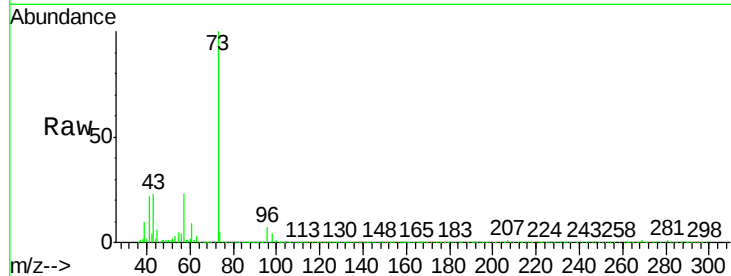
#19
Methvl tert-butvl Ether
Concen: 20.141 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.1	27.1

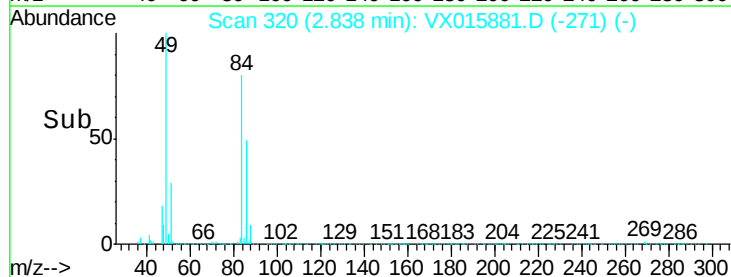
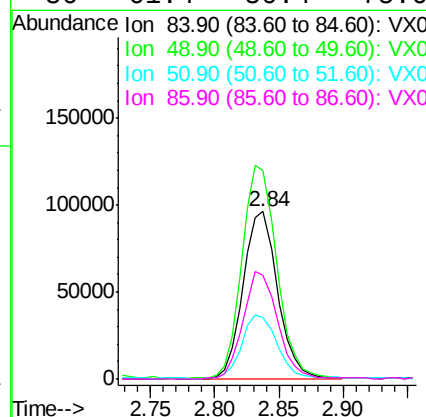
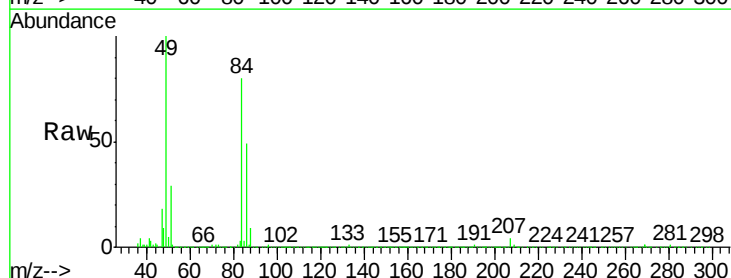
Manual Integrations
APPROVED

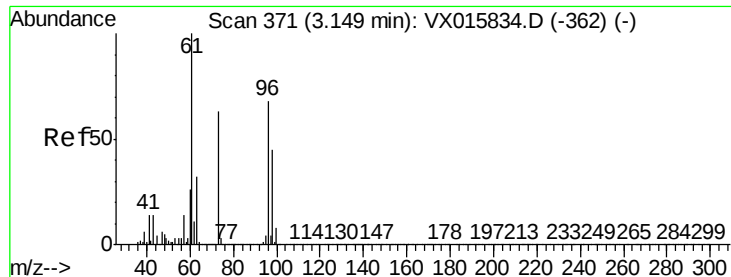
MMDadoda
4/24/2020 11:06:28 AM



#20
Methylene Chloride
Concen: 19.828 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	104.9	157.3
51	36.3	32.0	48.0
86	61.4	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 19.382 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

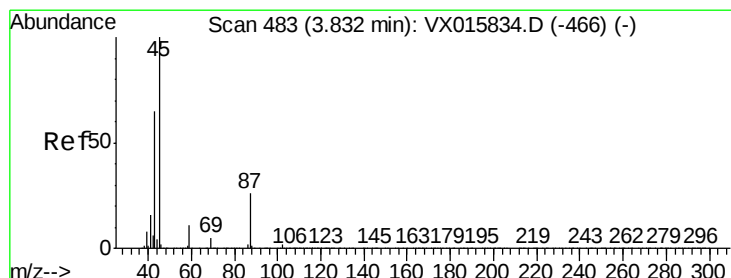
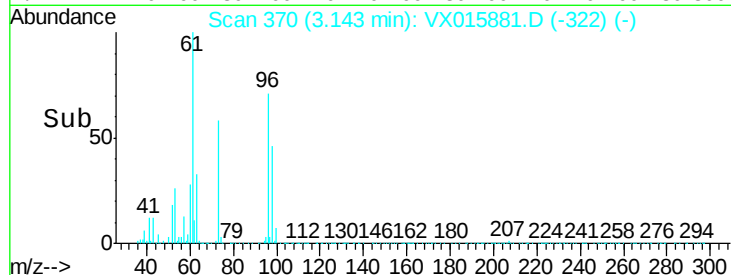
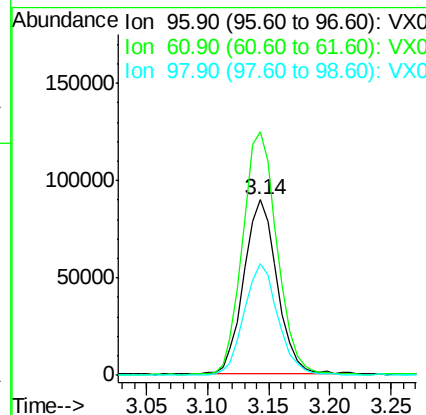
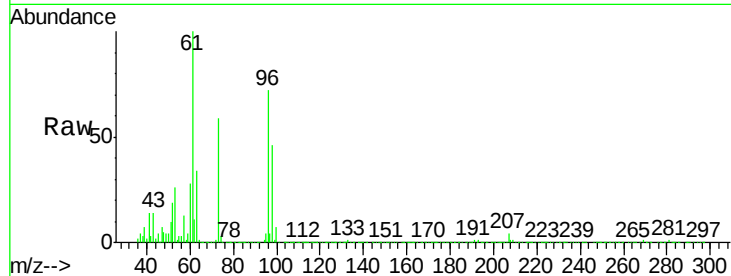
ClientSampleId :

VX0423WBS01

Tot Ion:	96	Resp:	169495
Ion Ratio	Lower	Upper	
96	100		
61	139.0	117.5	176.3
98	63.7	52.7	79.1

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#22

Diisopropyl ether

Concen: 20.505 ug/l

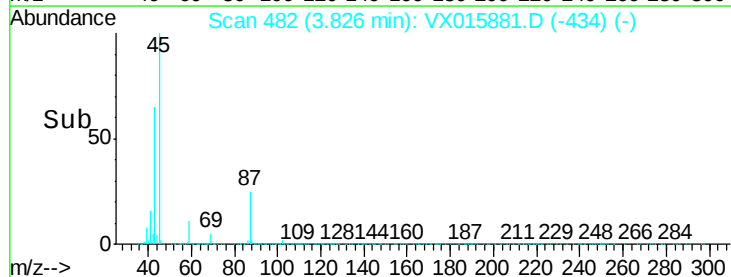
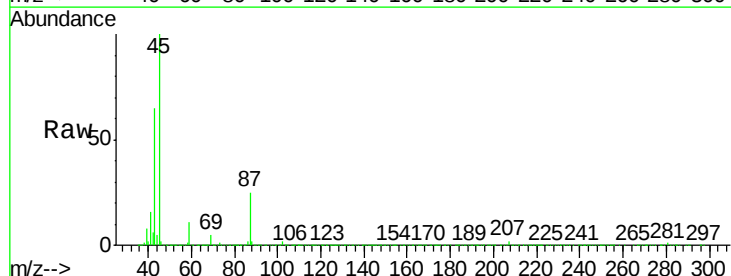
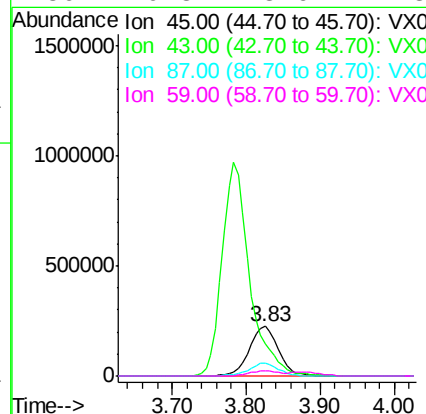
RT: 3.83 min Scan# 482

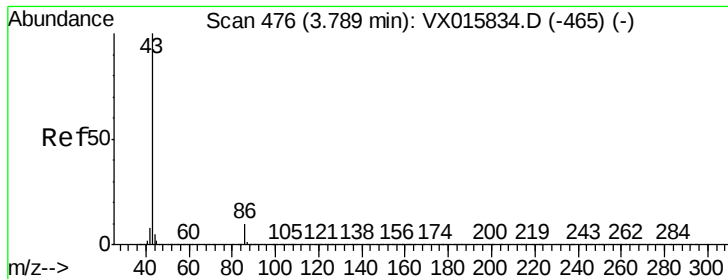
Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion:	45	Resp:	619017
Ion Ratio	Lower	Upper	
45	100		
43	65.0	52.4	78.6
87	24.8	20.7	31.1
59	10.8	8.6	12.8





#23

Vinyl Acetate

Concen: 100.807 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tot Ion: 43 Resp: 2518660

Ion Ratio Lower Upper

43 100

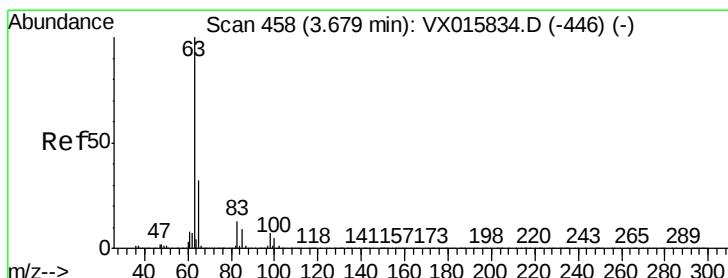
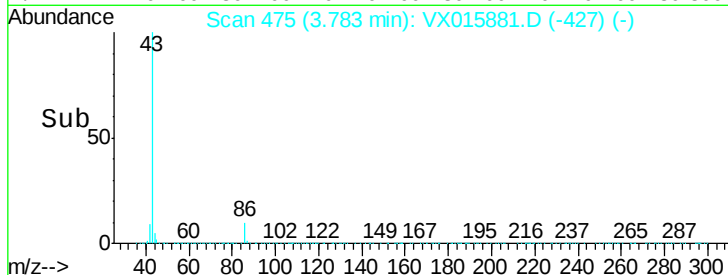
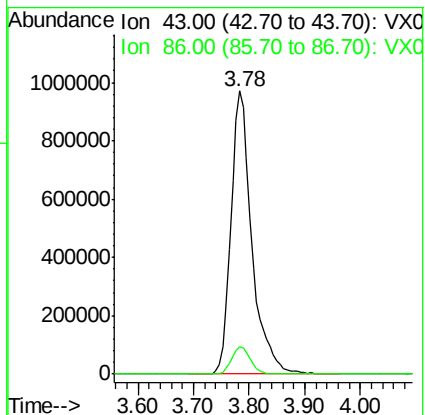
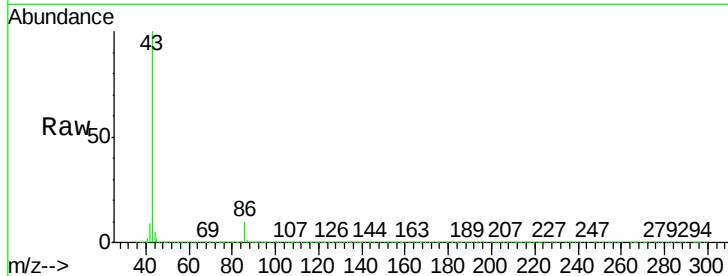
86 9.8 8.0 12.0

Manual Integrations

APPROVED

MMDadoda

4/24/2020 11:06:28 AM



#24

1,1-Dichloroethane

Concen: 19.882 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

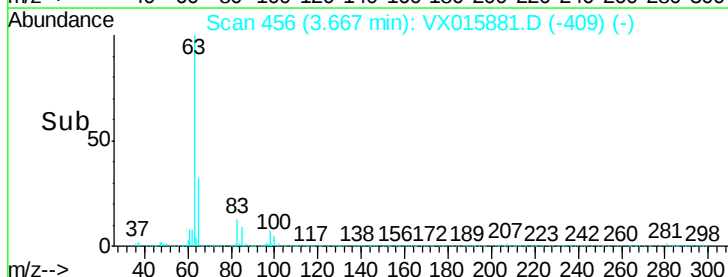
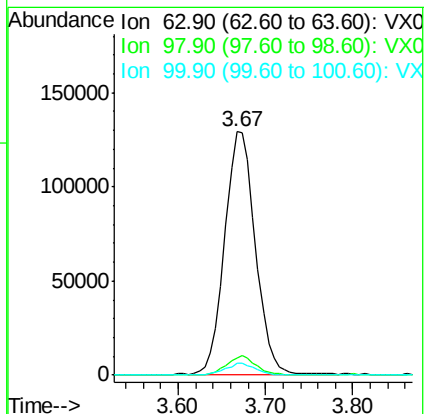
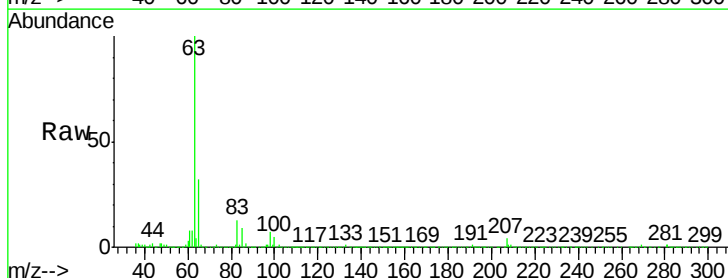
Tgt Ion: 63 Resp: 312827

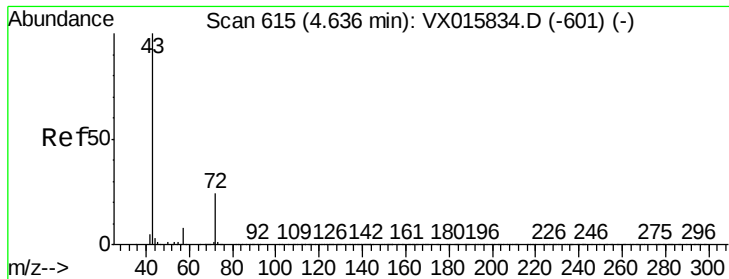
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.6 2.3 6.8





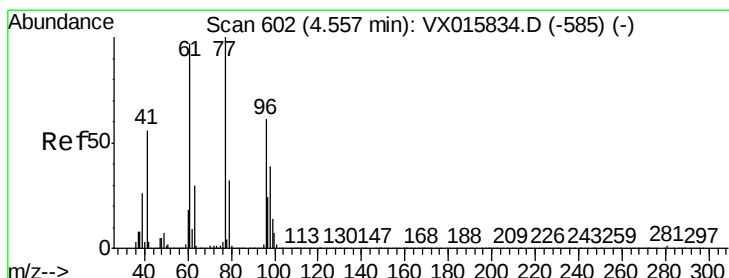
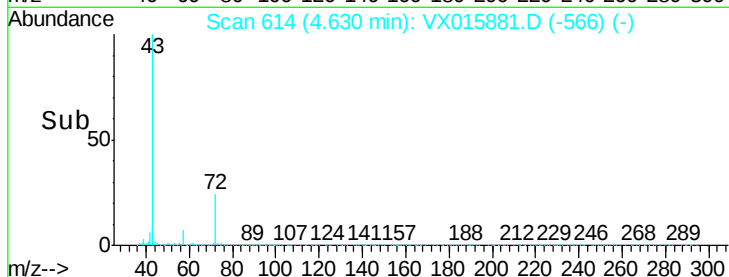
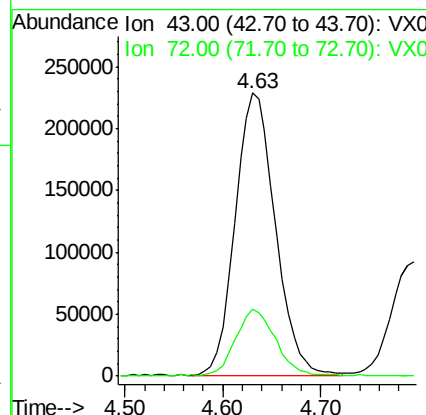
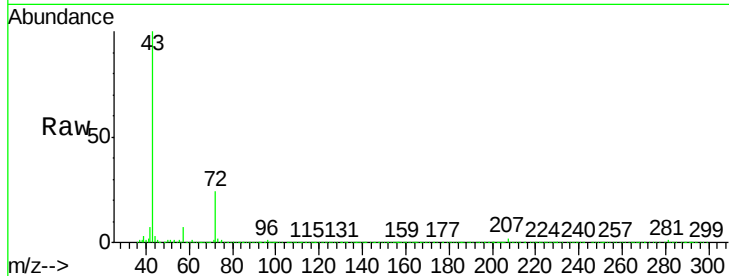
#25
2-Butanone
Concen: 91.634 ug/l
RT: 4.63 min Scan# 614
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	23.4	19.4	29.2

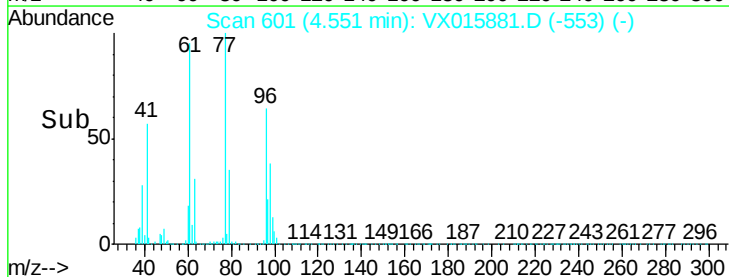
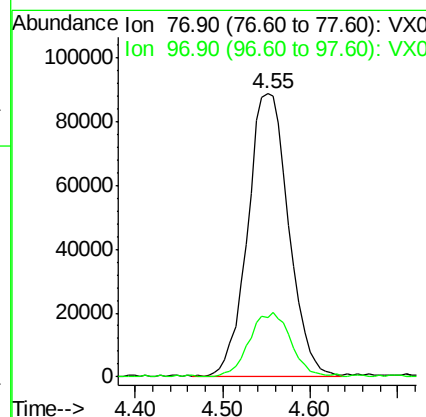
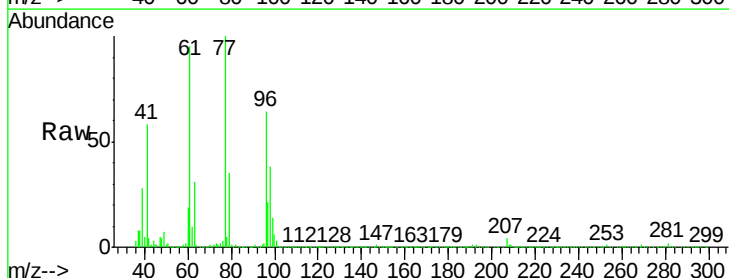
Manual Integrations
APPROVED

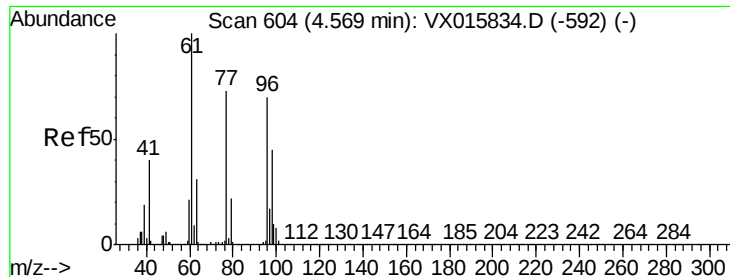
MMDadoda
4/24/2020 11:06:28 AM



#26
2,2-Dichloropropane
Concen: 20.446 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.4	34.1





#27

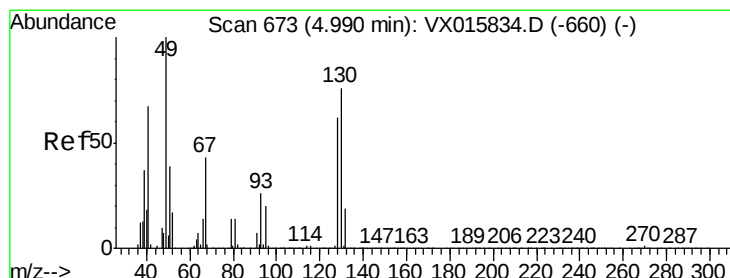
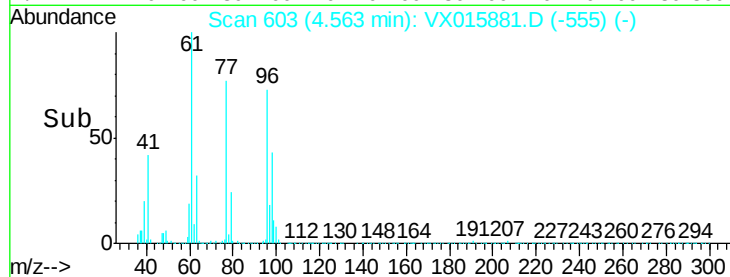
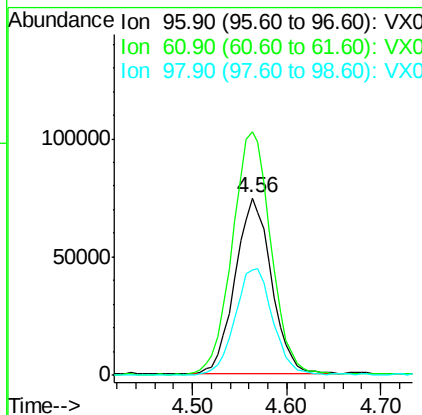
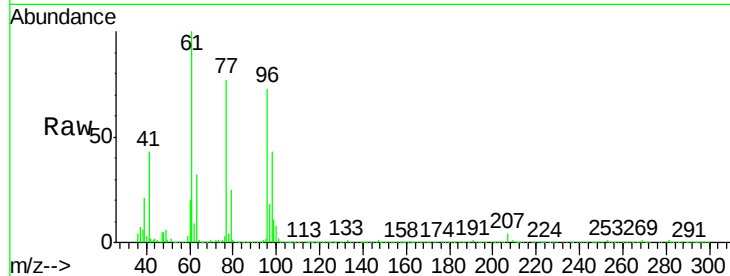
cis-1,2-Dichloroethene
Concen: 20.384 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	146.4	0.0	299.4
98	61.6	0.0	129.6

Manual Integrations
APPROVED

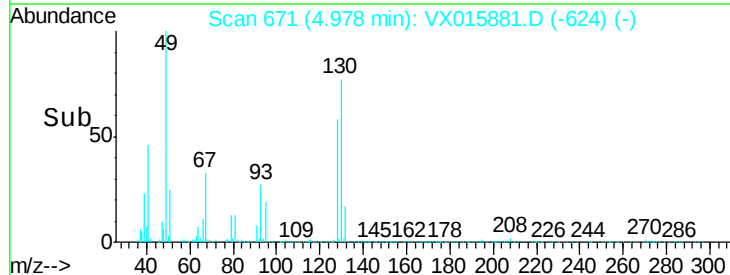
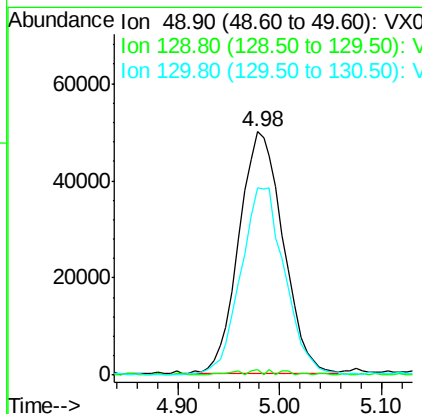
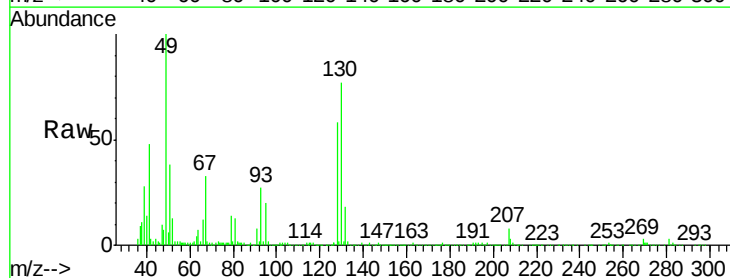
MMDadoda
4/24/2020 11:06:28 AM

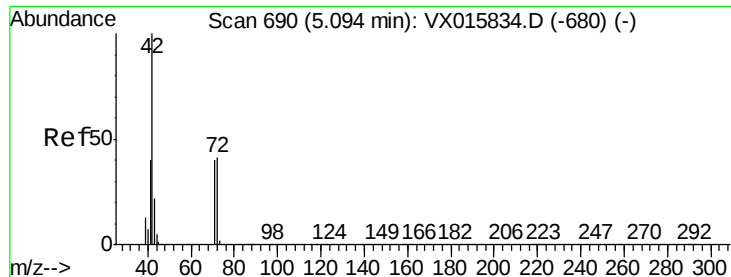


#28

Bromochloromethane
Concen: 18.016 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	0.5	0.0	1.8
130	78.2	62.4	93.6





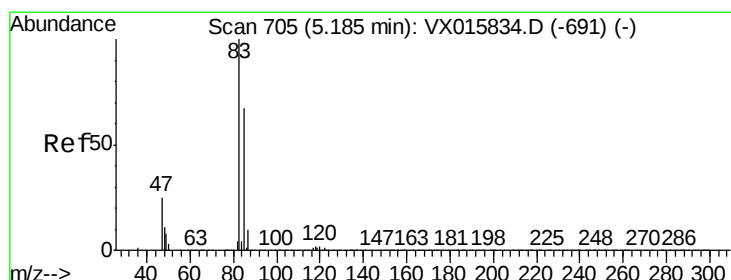
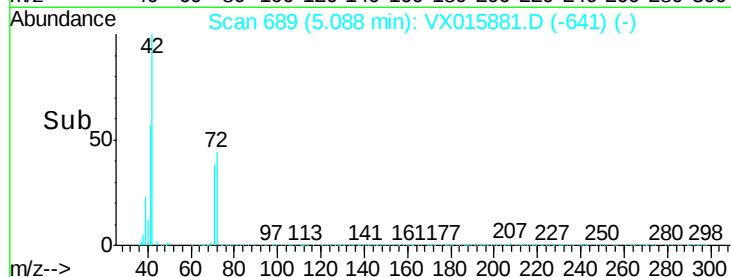
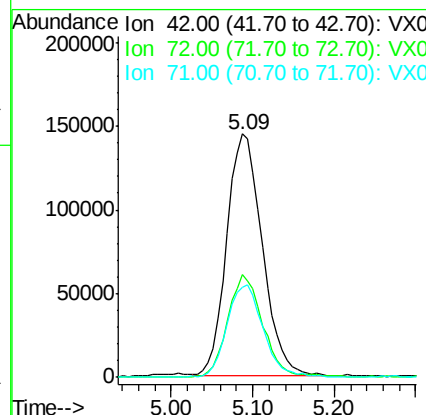
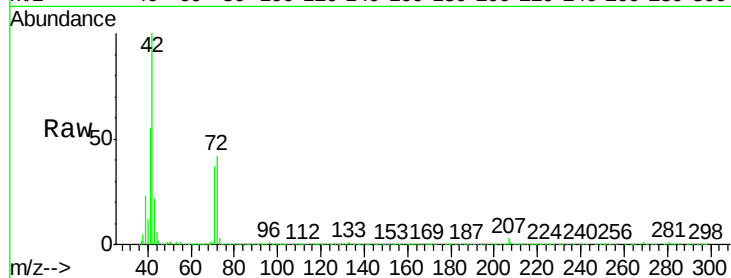
#29
Tetrahydrofuran
Concen: 93.888 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.0	49.6
71	38.7	30.6	45.8

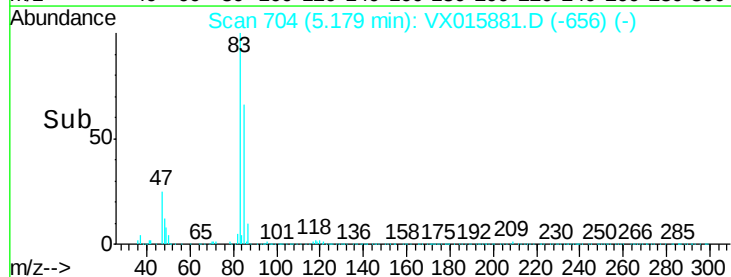
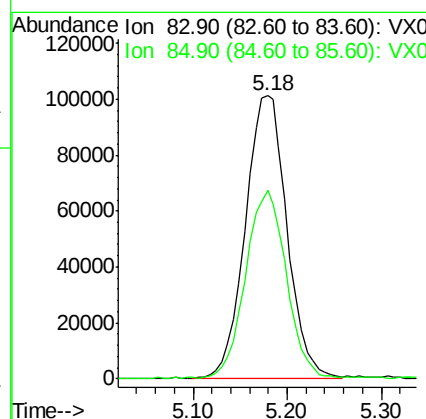
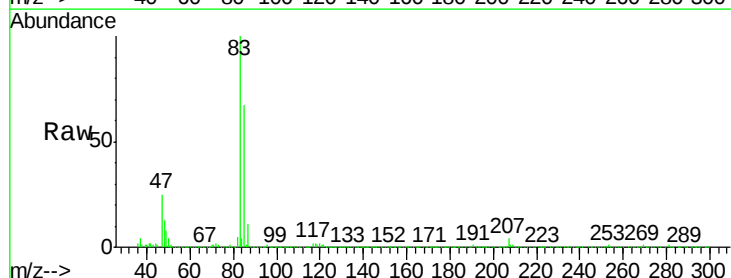
Manual Integrations
APPROVED

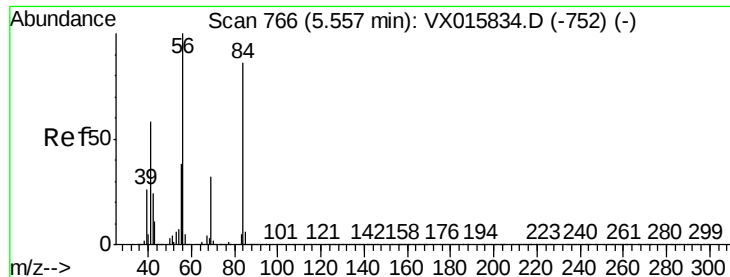
MMDadoda
4/24/2020 11:06:28 AM



#30
Chloroform
Concen: 19.640 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	53.4	80.0





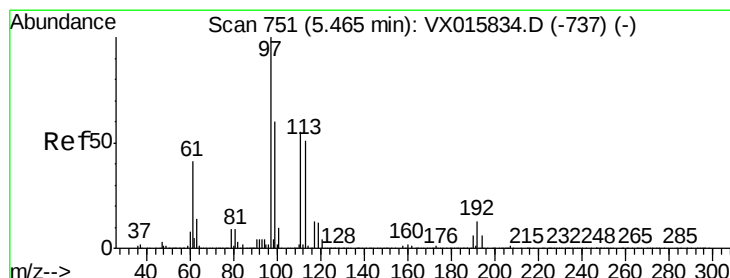
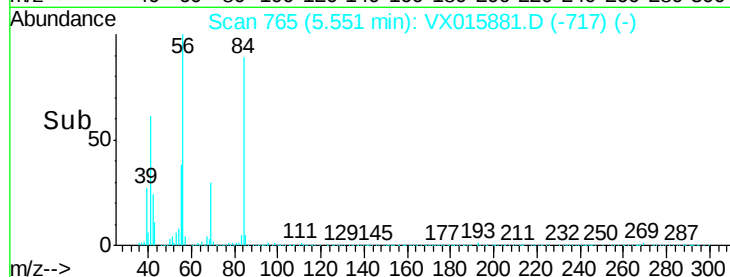
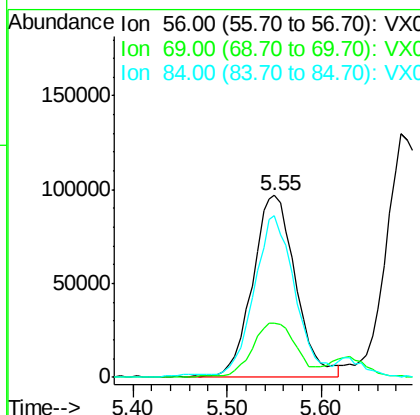
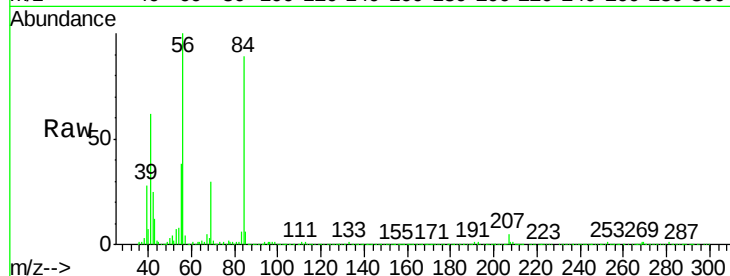
#31
Cyclohexane
Concen: 20.739 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.3	37.9
84	87.3	69.1	103.7

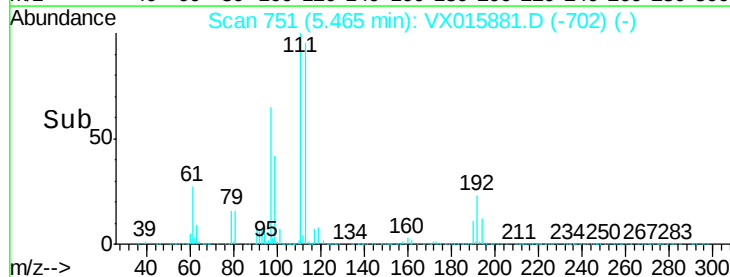
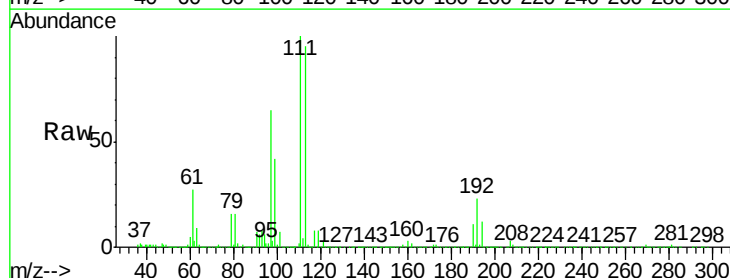
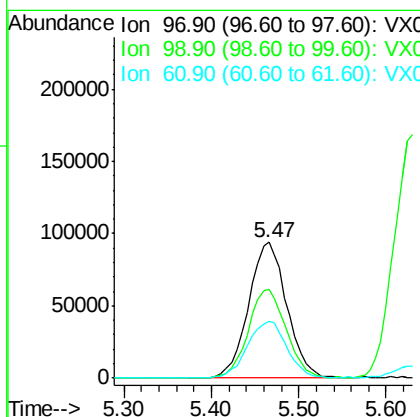
Manual Integrations
APPROVED

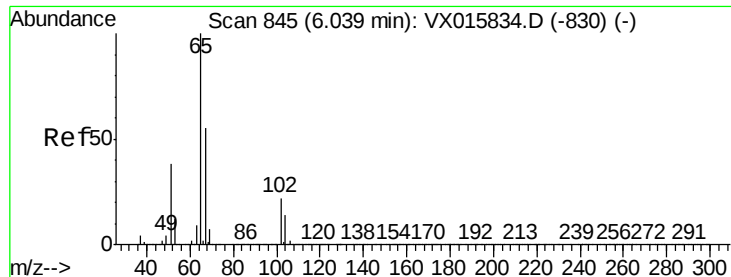
MMDadoda
4/24/2020 11:06:28 AM



#32
1,1,1-Trichloroethane
Concen: 20.258 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.2	76.8
61	43.4	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 49.730 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 65 Resp: 508986

Ion Ratio Lower Upper

65 100

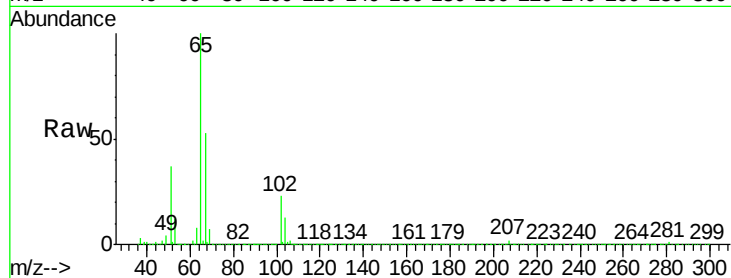
67 52.2 0.0 104.2

Manual Integrations

APPROVED

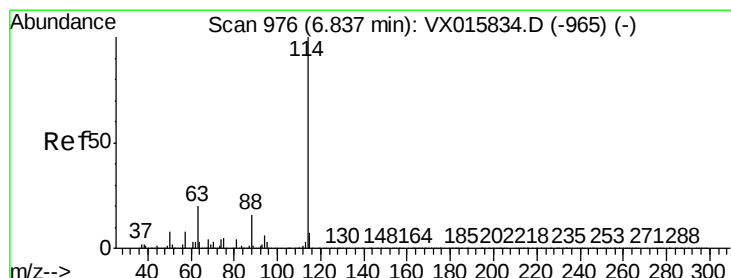
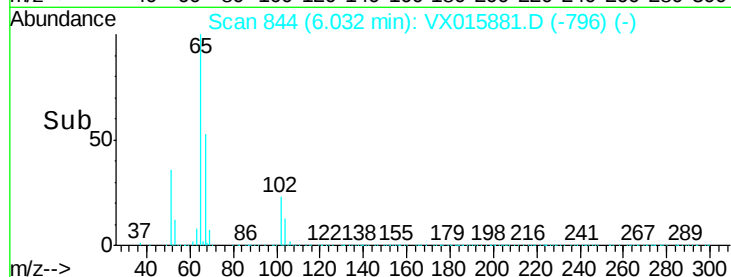
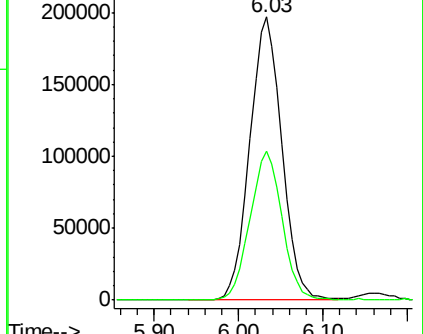
MMDadoda

4/24/2020 11:06:28 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

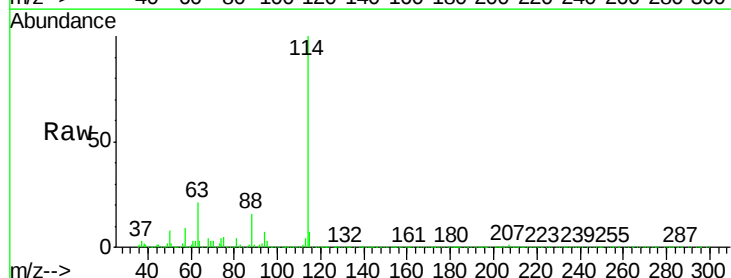
Tgt Ion: 114 Resp: 1321434

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

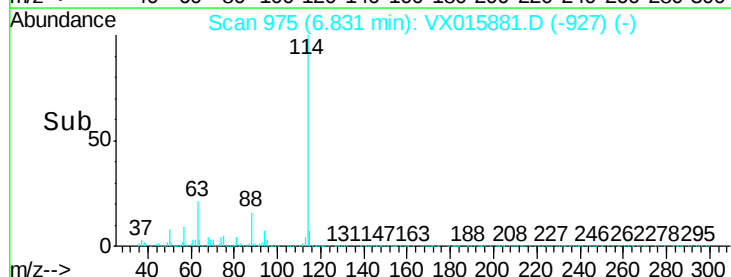
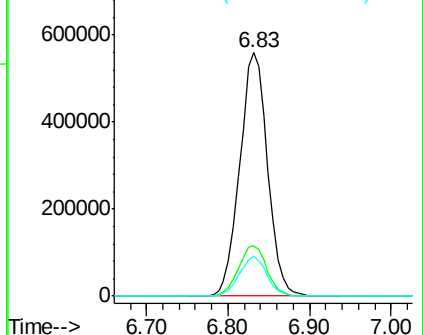
88 16.3 0.0 32.8

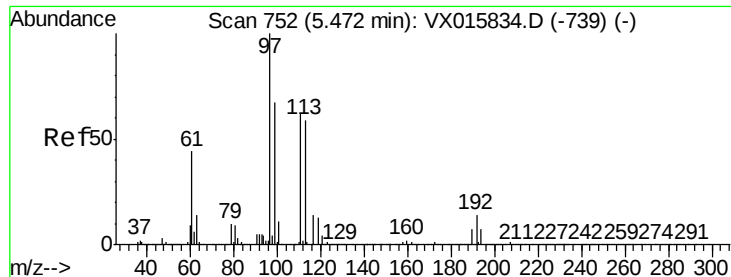


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





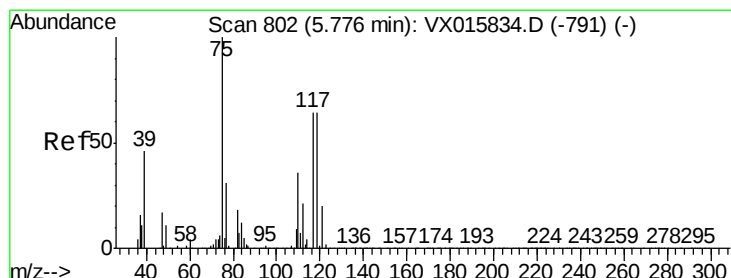
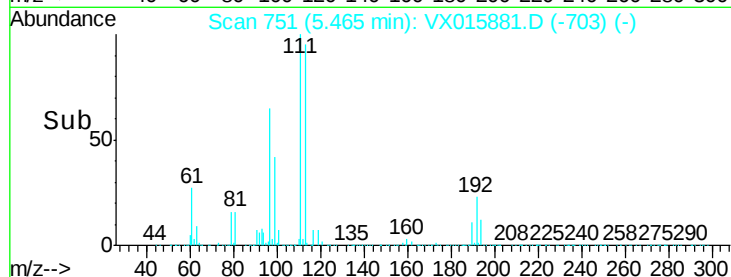
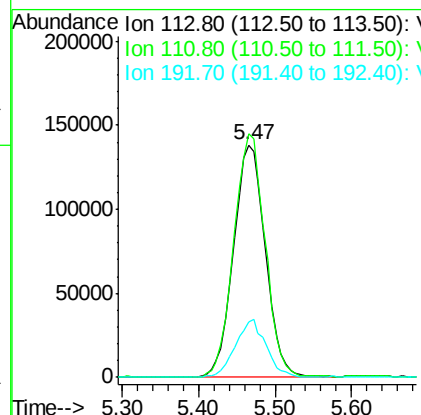
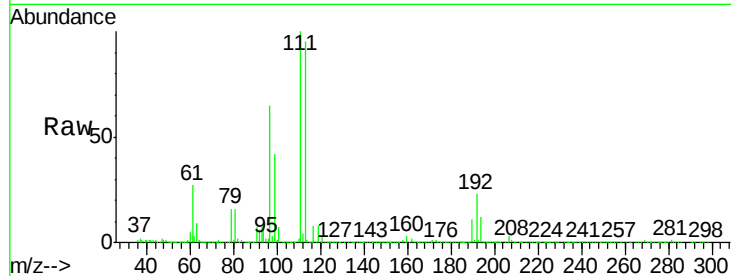
#35
Dibromofluoromethane
Concen: 52.258 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.5	82.7	124.1	
192	24.0	19.3	28.9	

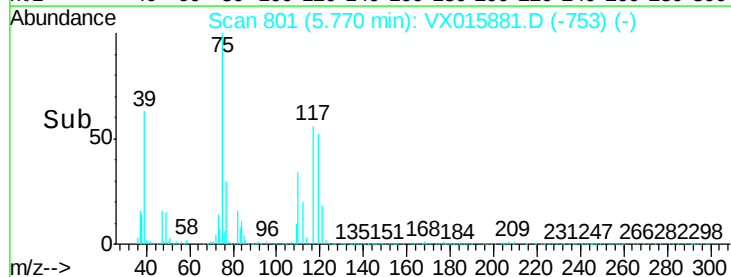
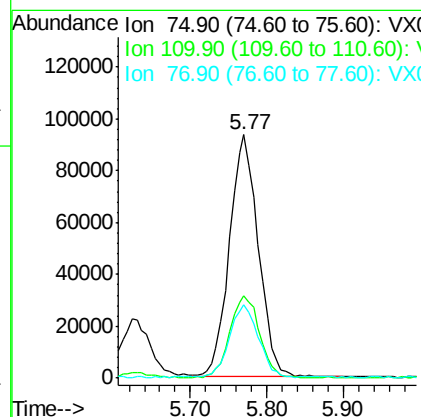
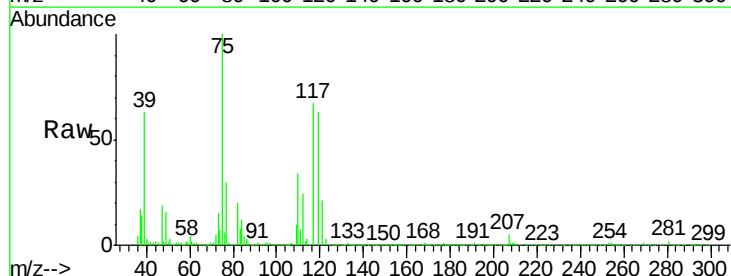
Manual Integrations
APPROVED

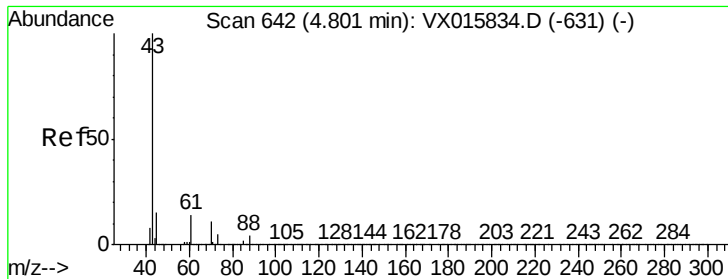
MMDadoda
4/24/2020 11:06:28 AM



#36
1,1-Dichloropropene
Concen: 20.814 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.4	17.9	53.8	
77	30.9	24.5	36.7	





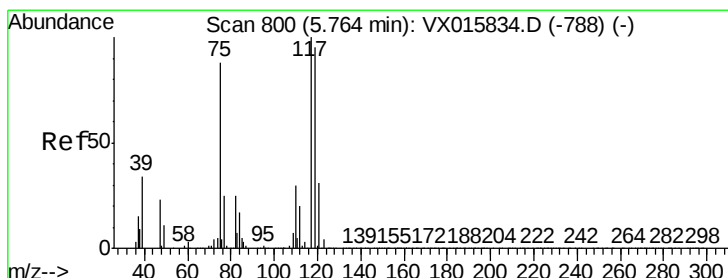
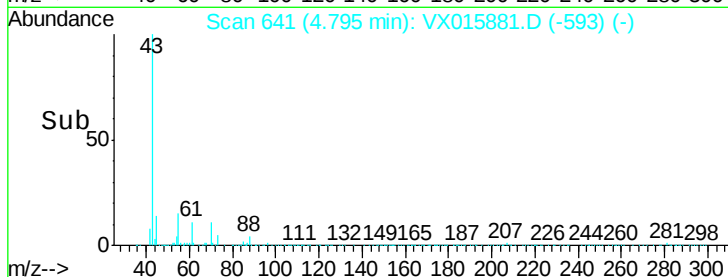
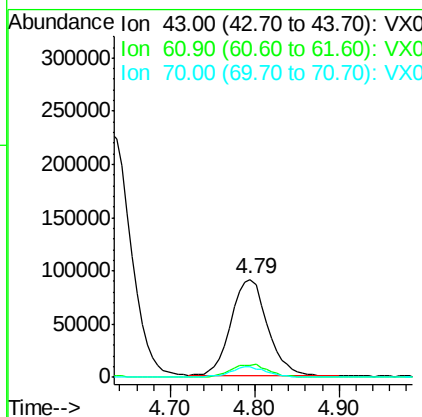
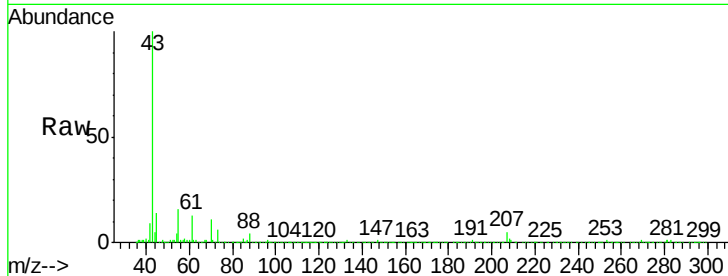
#37
Ethyl Acetate
Concen: 19.398 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	43	Resp	270443
Ion Ratio	Lower	Upper	
43	100		
61	12.8	10.8	16.2
70	10.5	8.2	12.2

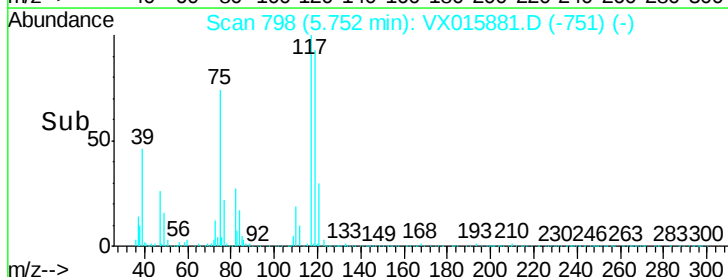
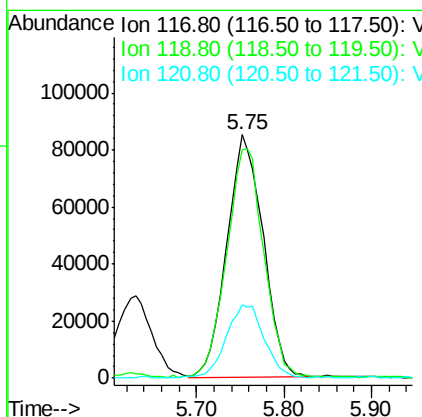
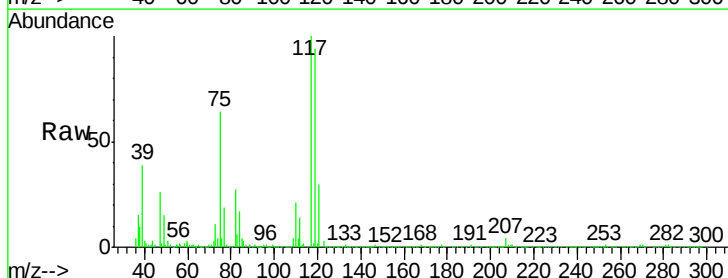
Manual Integrations
APPROVED

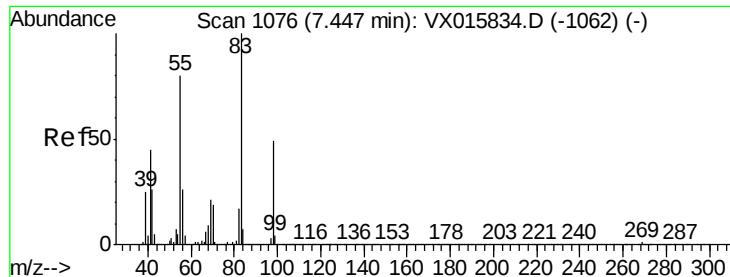
MMDadoda
4/24/2020 11:06:28 AM



#38
Carbon Tetrachloride
Concen: 21.201 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	117	Resp	244646
Ion Ratio	Lower	Upper	
117	100		
119	93.8	75.7	113.5
121	30.1	25.0	37.6





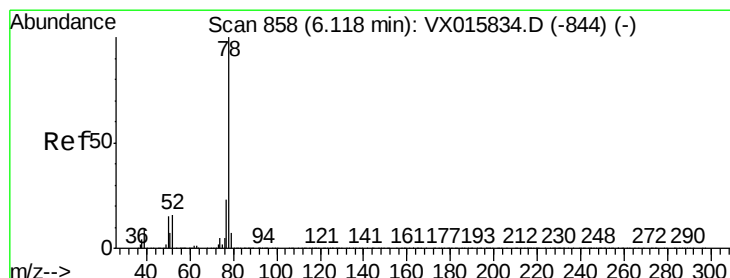
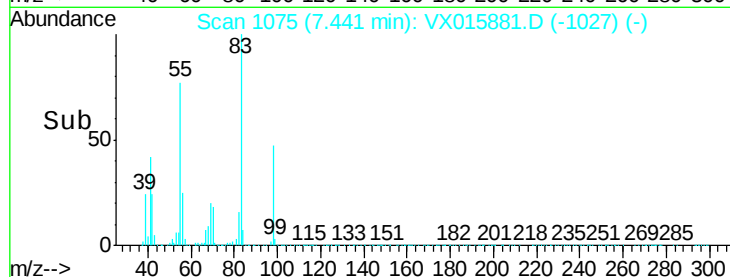
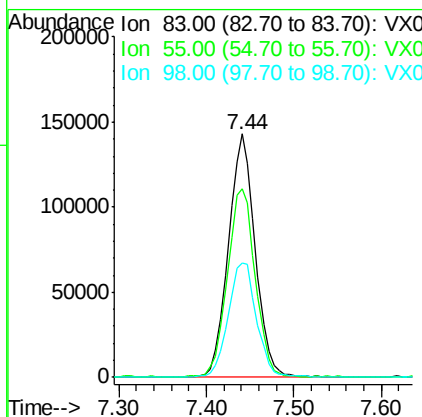
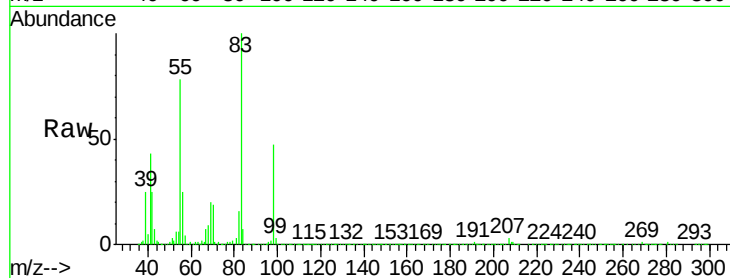
#39
Methvlcvclohexane
Concen: 20.413 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	302824		
55	77.2	64.2	96.4	
98	47.1	39.3	58.9	

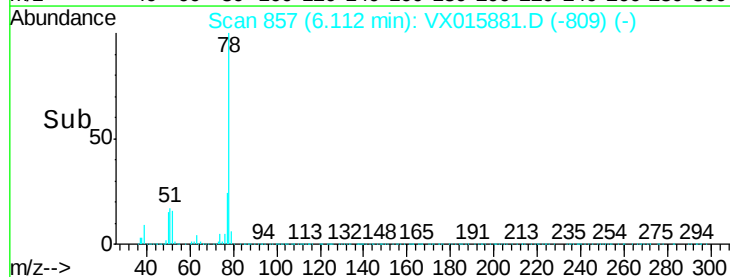
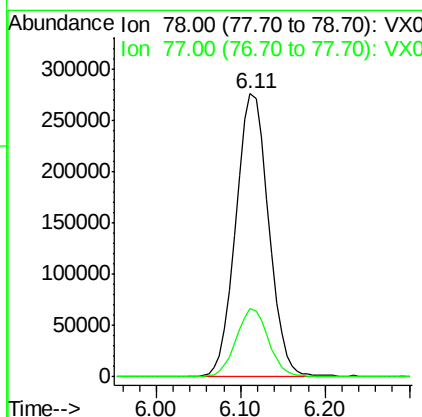
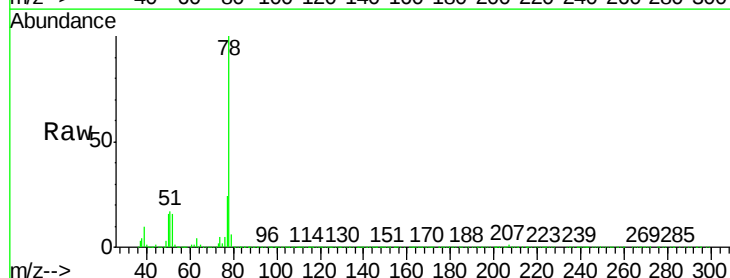
Manual Integrations
APPROVED

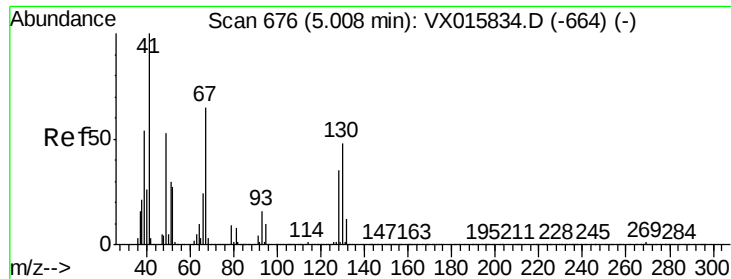
MMDadoda
4/24/2020 11:06:28 AM



#40
Benzene
Concen: 20.509 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	723611		
77	24.0	18.6	27.8	





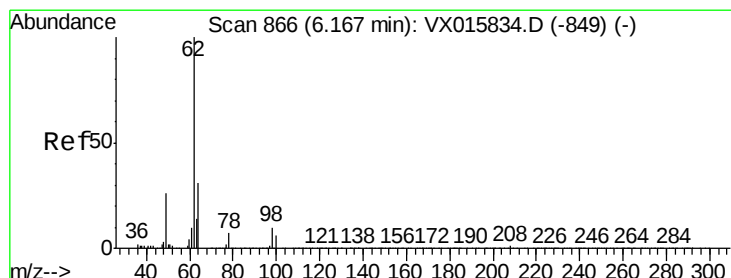
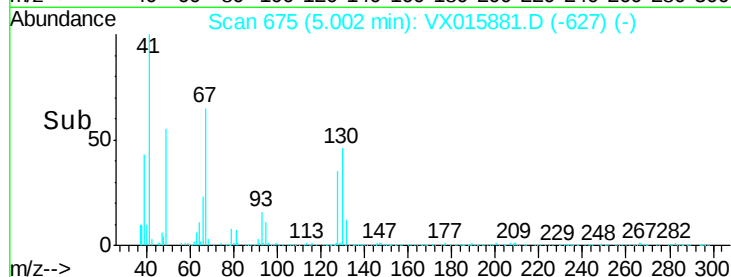
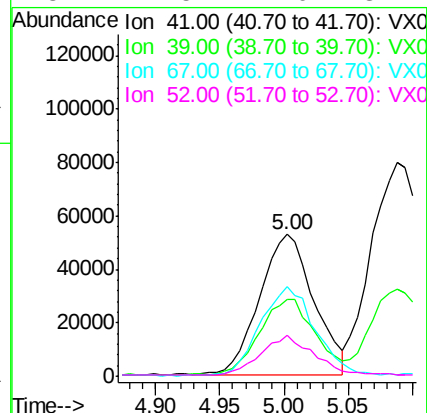
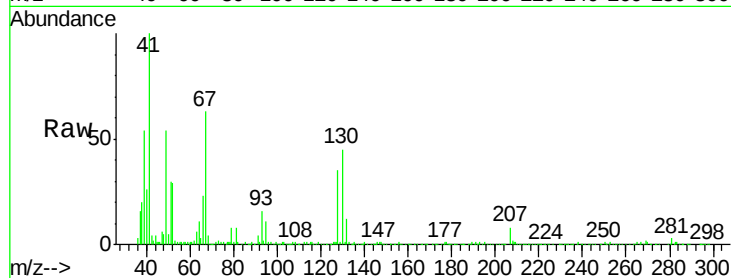
#41
Methacrylonitrile
Concen: 19.810 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	42.4	63.6	
67	66.4	51.9	77.9	
52	27.5	21.0	31.4	

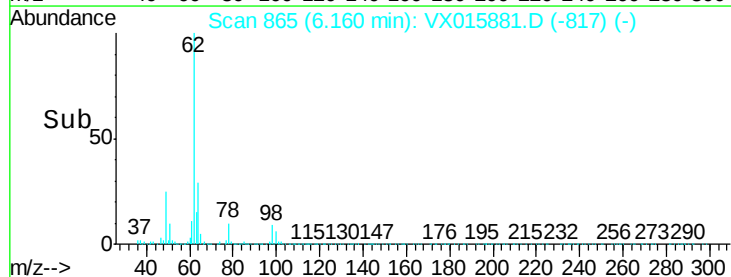
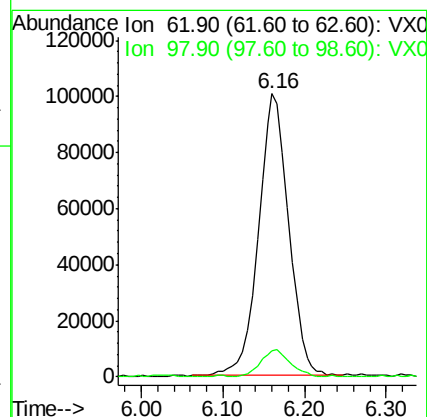
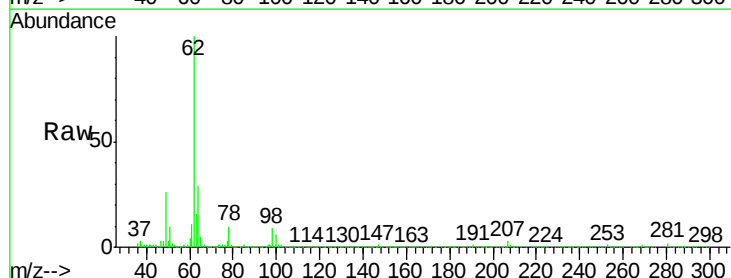
Manual Integrations
APPROVED

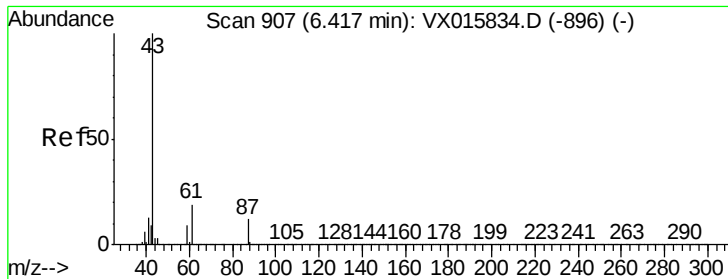
MMDadoda
4/24/2020 11:06:28 AM



#42
1,2-Dichloroethane
Concen: 20.358 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	20.0	





#43

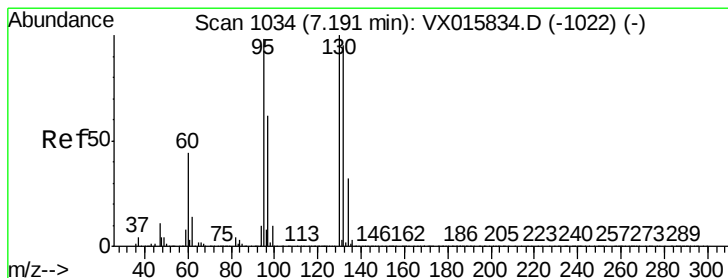
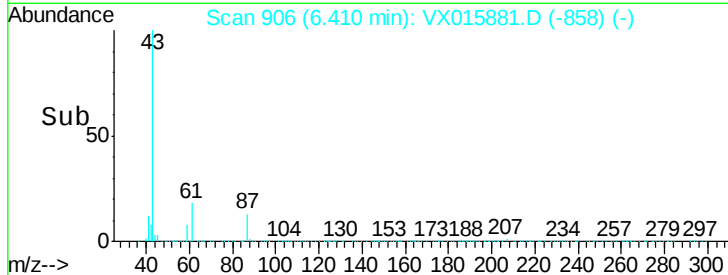
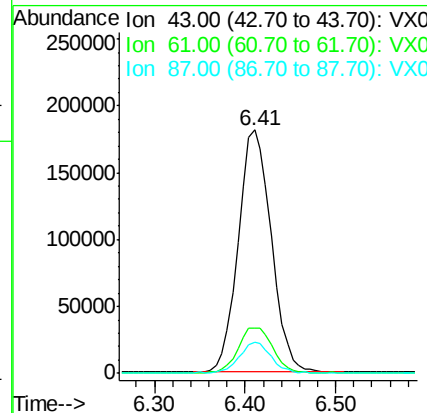
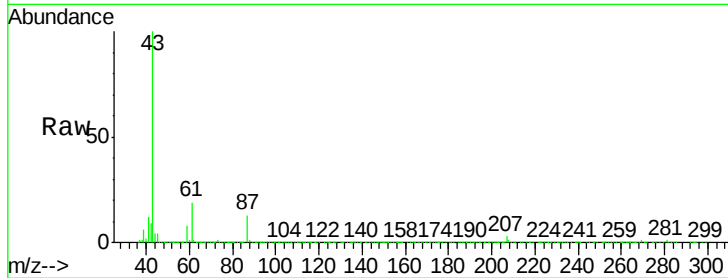
Isopropyl Acetate
 Concen: 19.521 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.2
87	12.0	9.8	14.6

Manual Integrations
 APPROVED

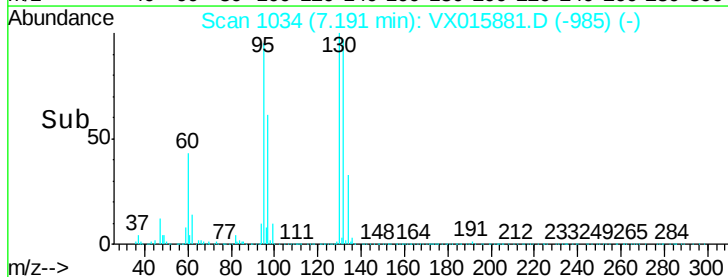
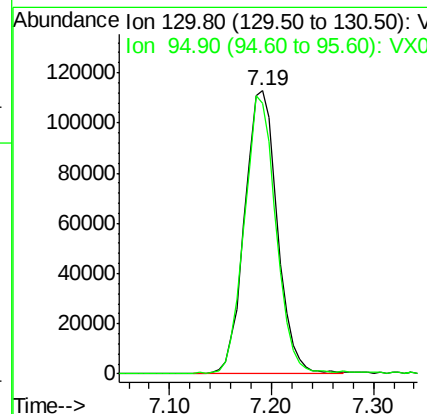
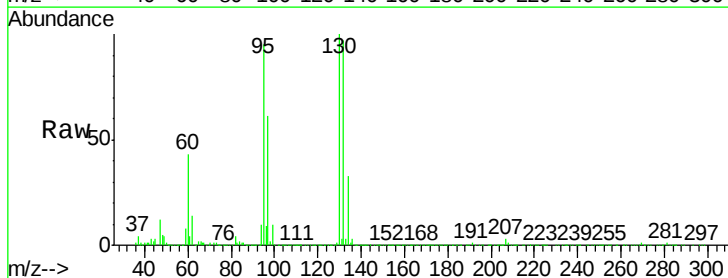
MMDadoda
 4/24/2020 11:06:28 AM

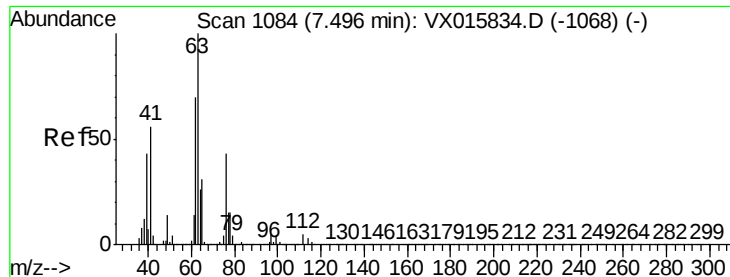


#44

Trichloroethene
 Concen: 20.277 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	195.8





#45

1,2-Dichloropropane

Concen: 20.580 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 63 Resp: 190295

Ion Ratio Lower Upper

63 100

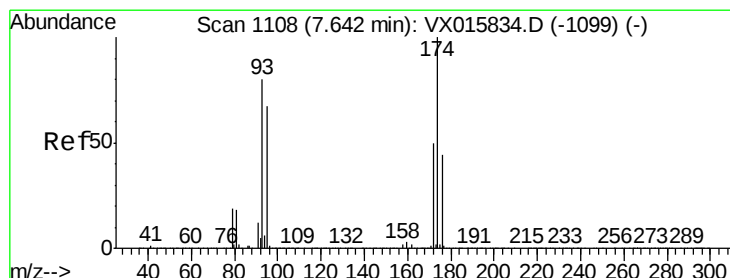
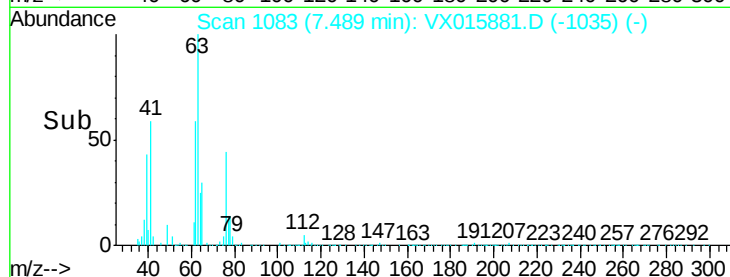
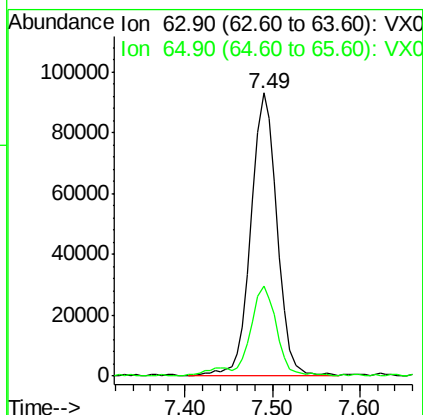
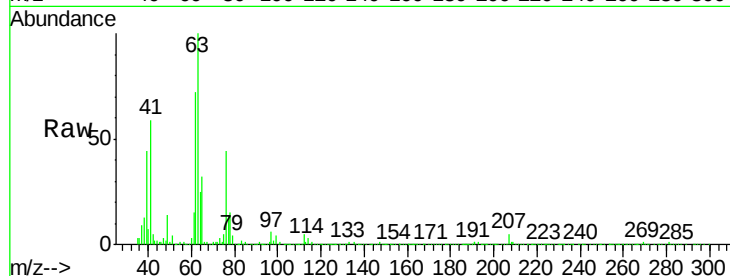
65 31.4 24.5 36.7

Manual Integrations

APPROVED

MMDadoda

4/24/2020 11:06:28 AM



#46

Dibromomethane

Concen: 18.787 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

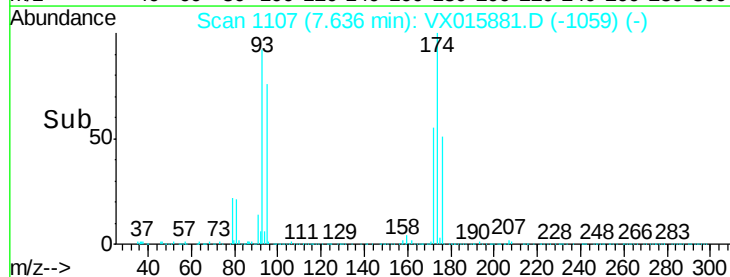
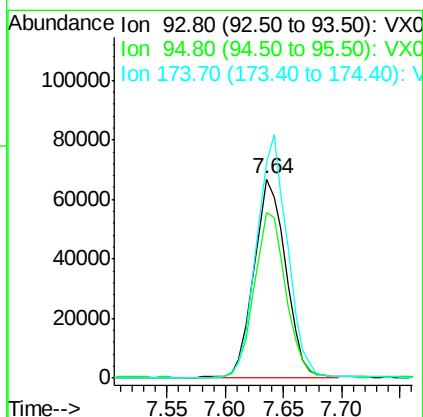
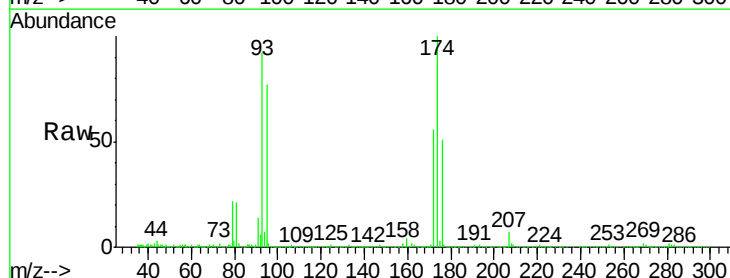
Tgt Ion: 93 Resp: 126809

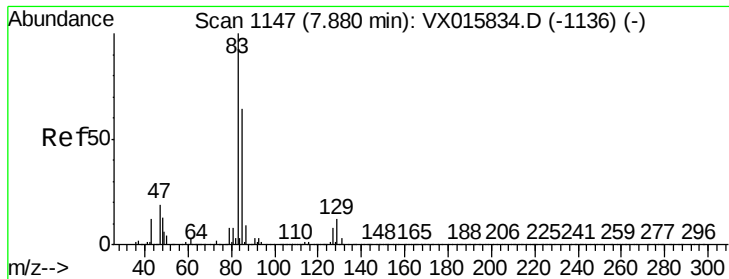
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.8

174 118.9 95.6 143.4





#47

Bromodichloromethane

Concen: 20.521 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

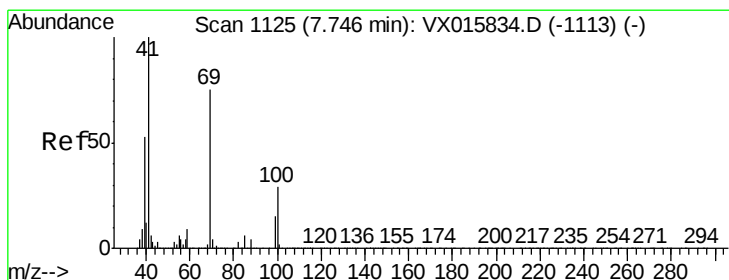
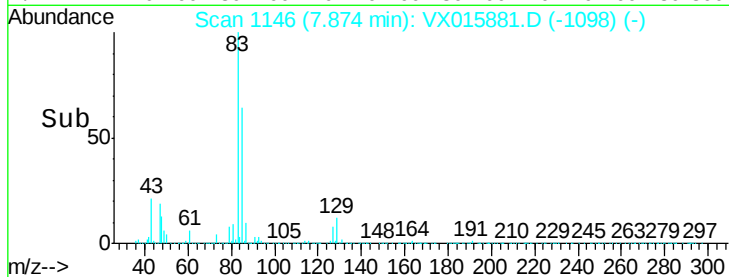
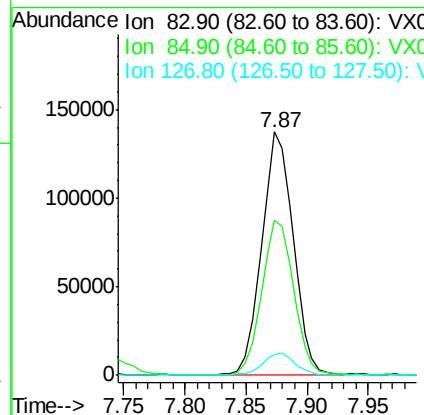
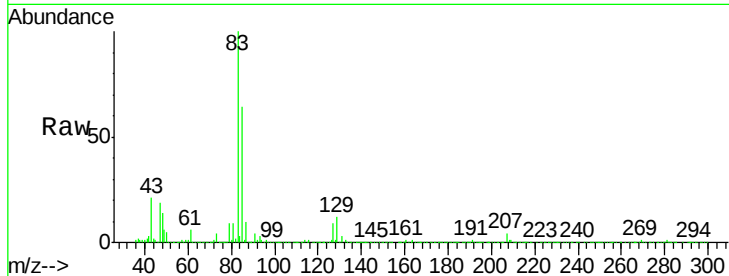
ClientSampleId :

VX0423WBS01

Tot Ion:	83	Resp:	246418
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.8	76.2
127	8.4	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#48

Methyl methacrylate

Concen: 19.603 ug/l

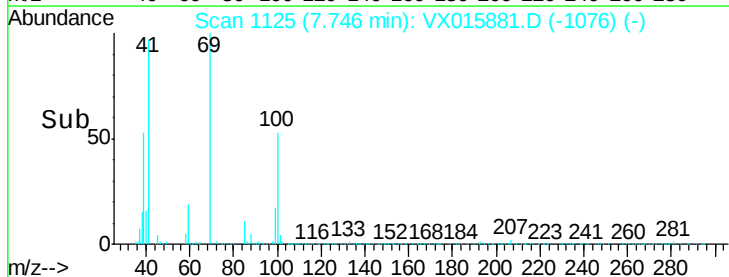
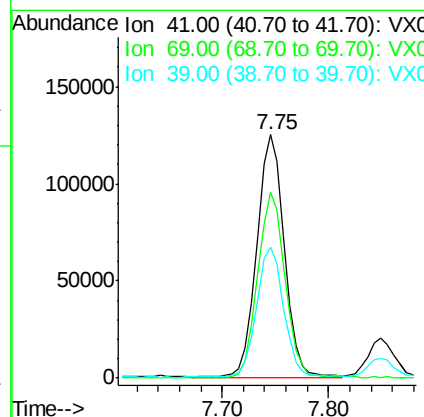
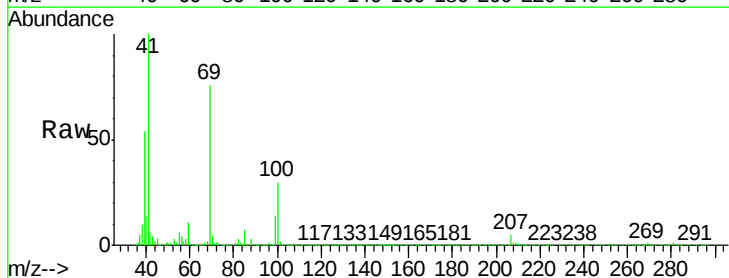
RT: 7.75 min Scan# 1125

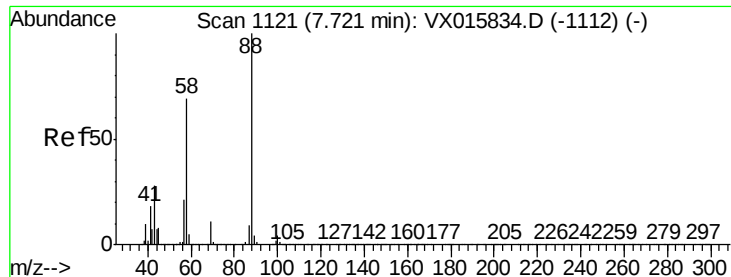
Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion:	41	Resp:	226772
Ion Ratio	Lower	Upper	
41	100		
69	76.1	60.5	90.7
39	52.8	42.1	63.1





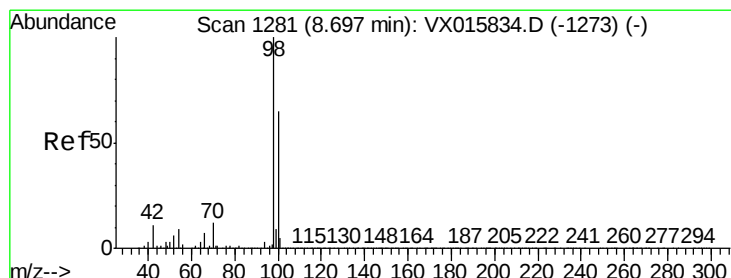
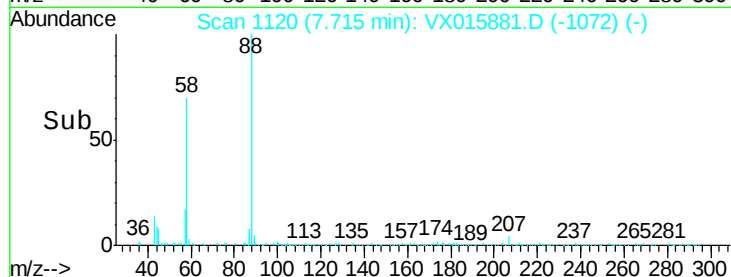
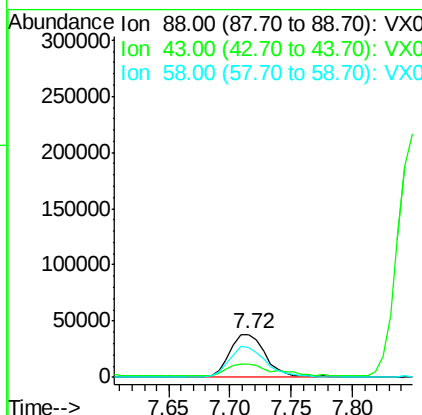
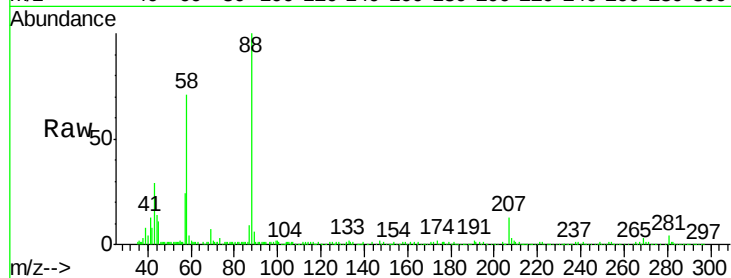
#49
1,4-Dioxane
Concen: 352.759 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	28.2	42.4
58	72.6	58.9	88.3

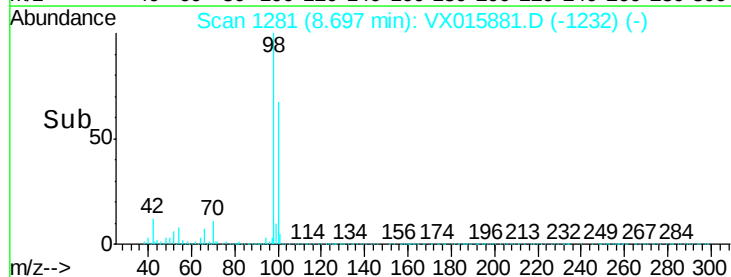
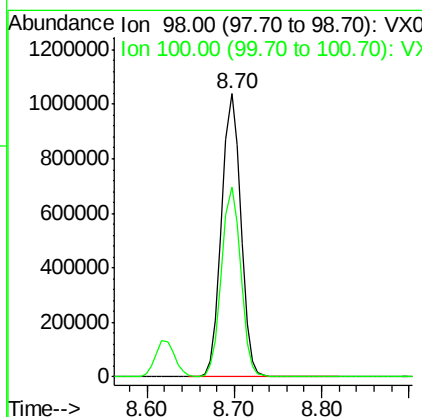
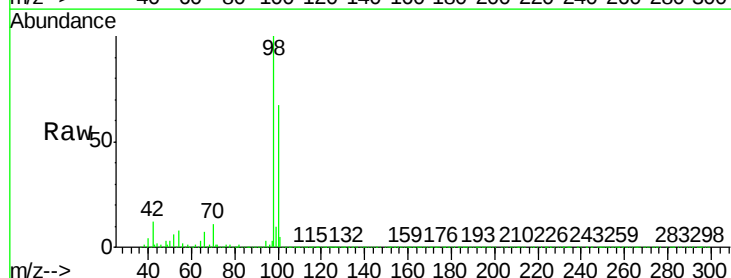
Manual Integrations
APPROVED

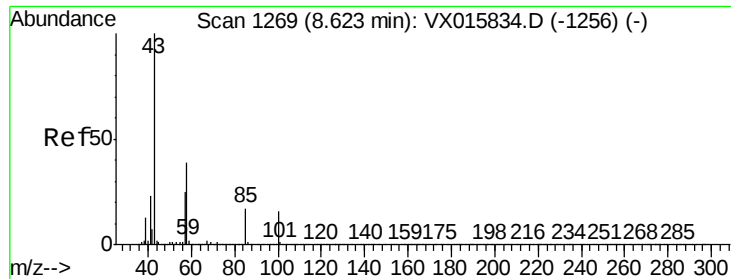
MMDadoda
4/24/2020 11:06:28 AM



#50
Toluene-d8
Concen: 51.680 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





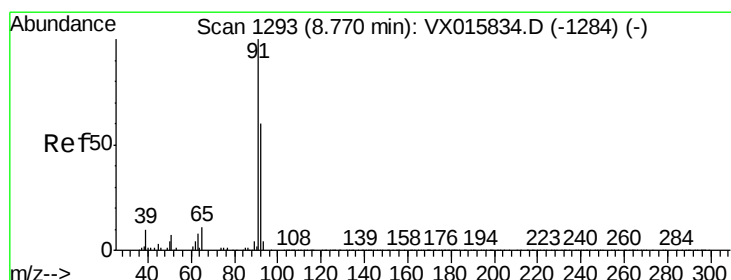
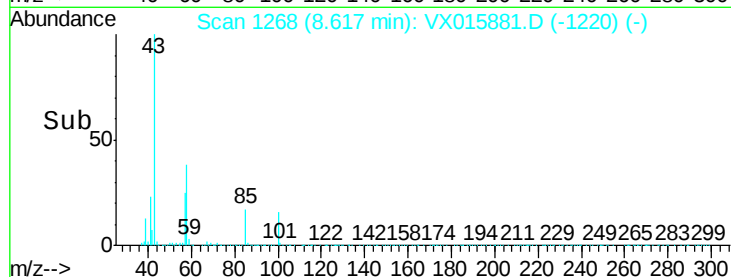
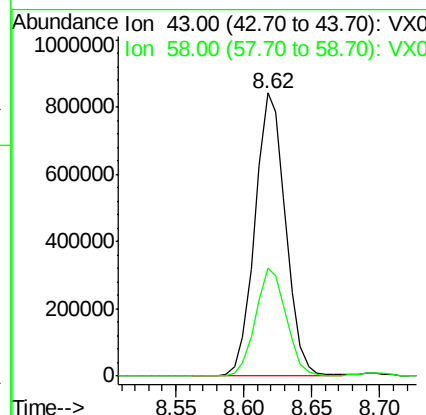
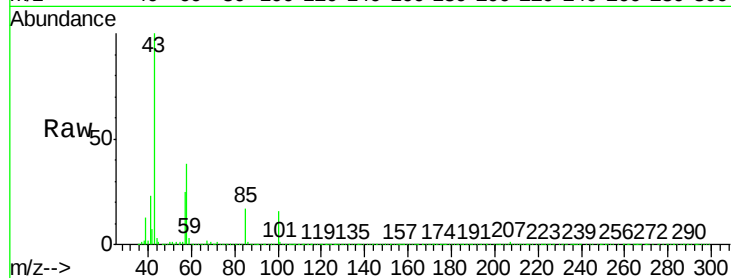
#51
4-Methyl-2-Pentanone
Concen: 97.638 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.6	45.8

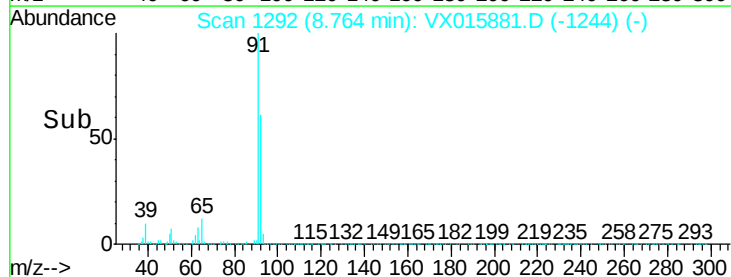
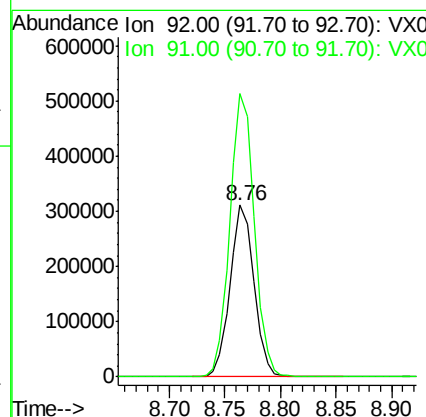
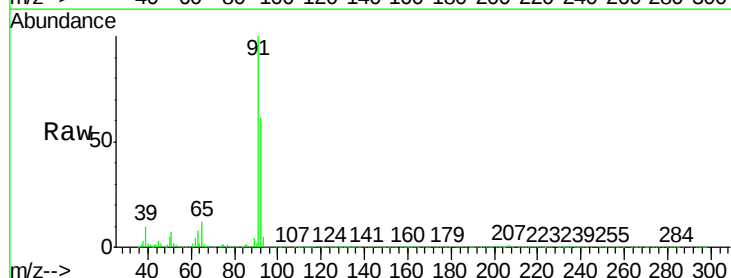
Manual Integrations
APPROVED

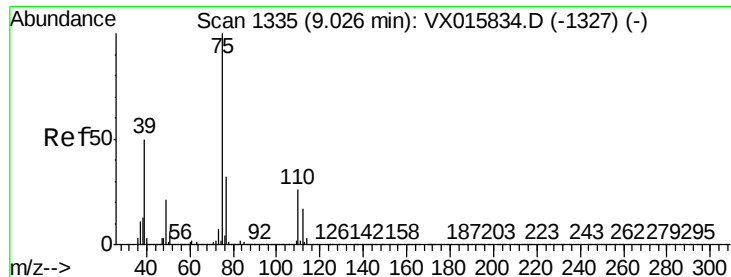
MMDadoda
4/24/2020 11:06:28 AM



#52
Toluene
Concen: 20.502 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.4	133.4	200.0





#53

t-1,3-Dichloropropene

Concen: 20.490 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9

Instrument :

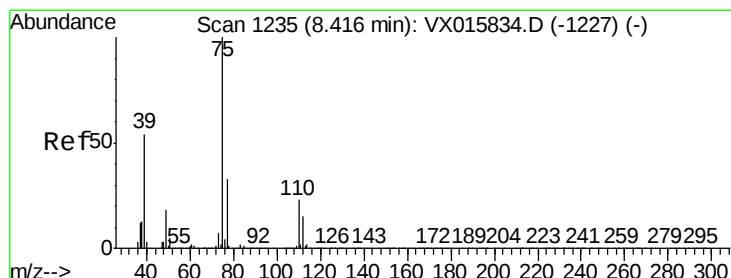
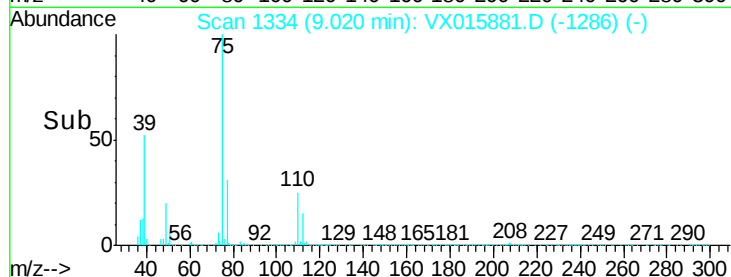
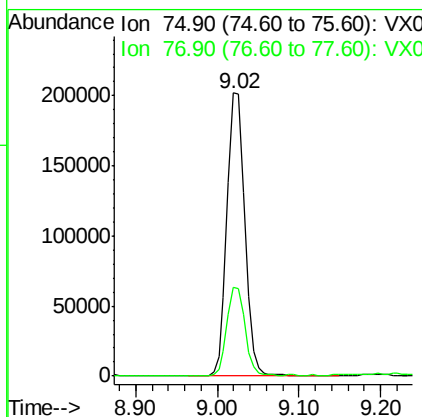
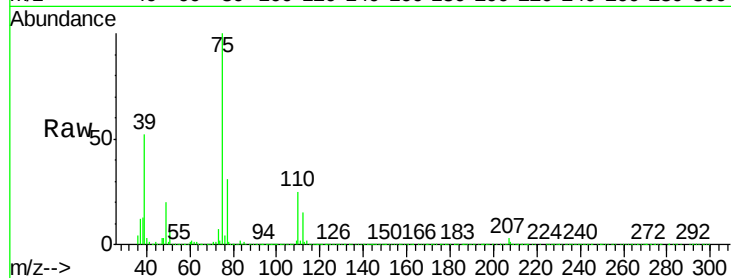
MSVOA_X

ClientSampleId :

VX0423WBS01

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#54

cis-1,3-Dichloropropene

Concen: 20.203 ug/l

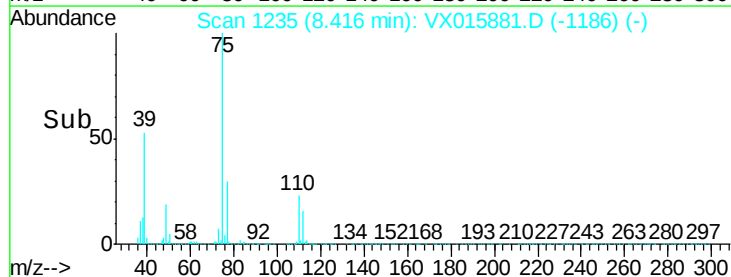
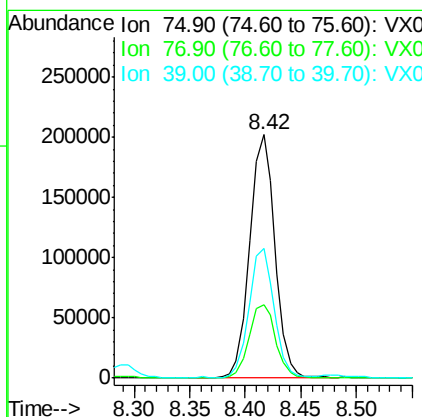
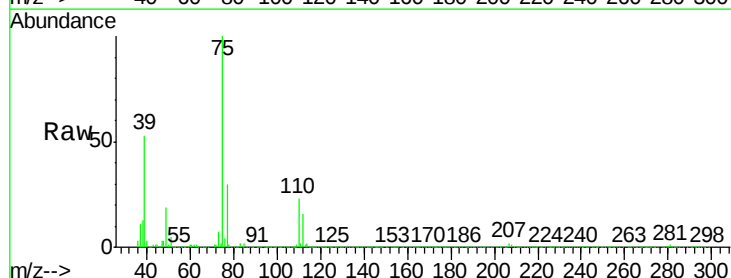
RT: 8.42 min Scan# 1235

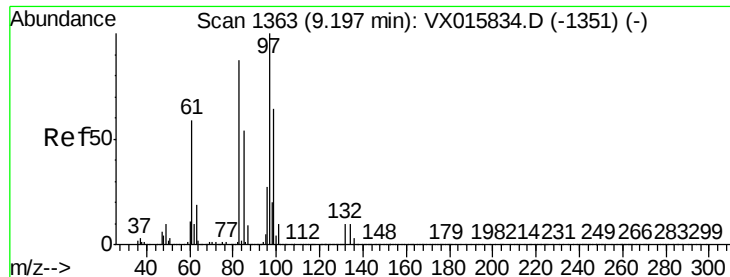
Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.0	39.0
39	53.2	42.8	64.2





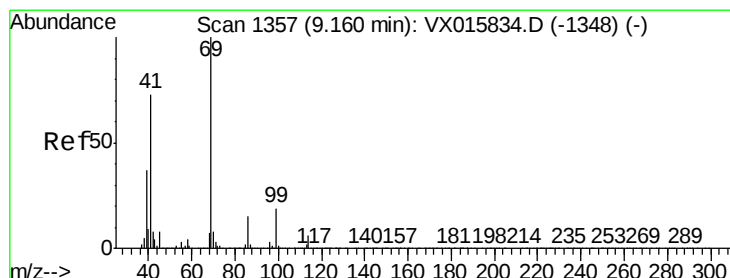
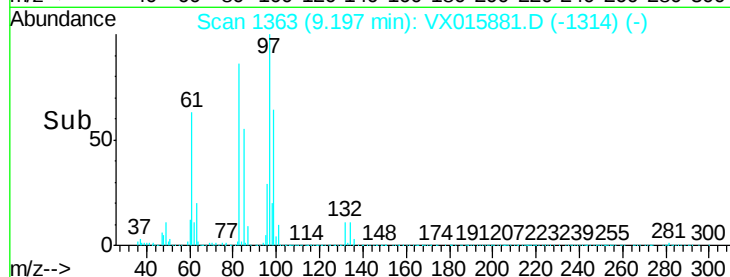
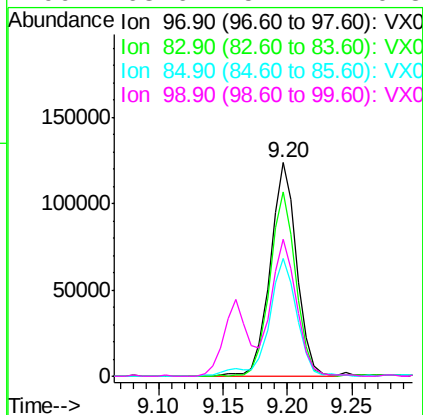
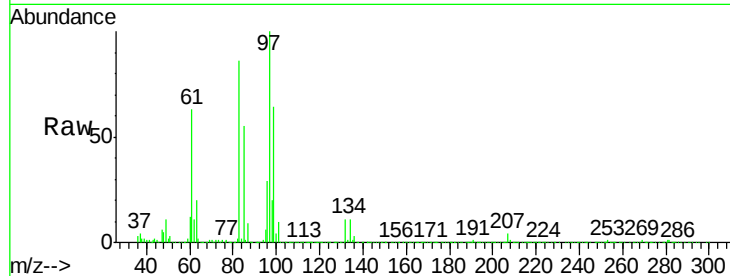
#55
 1,1,2-Trichloroethane
 Concen: 20.177 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	178185		
83	85.8	69.8	104.8	
85	55.0	43.4	65.2	
99	63.6	51.2	76.8	

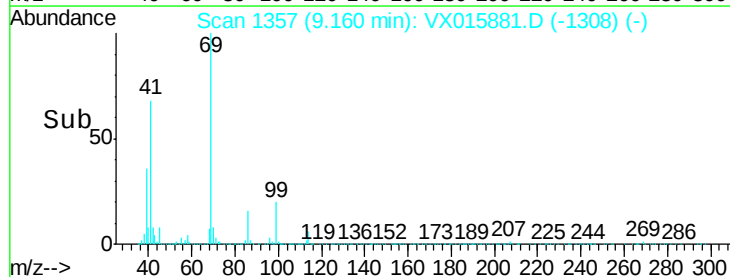
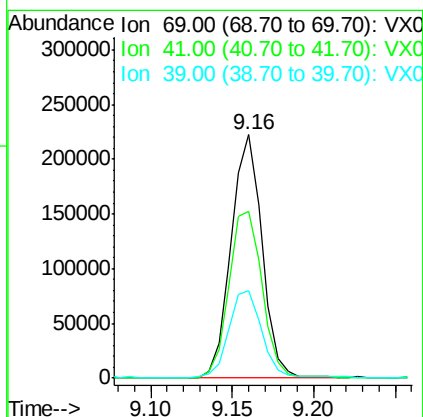
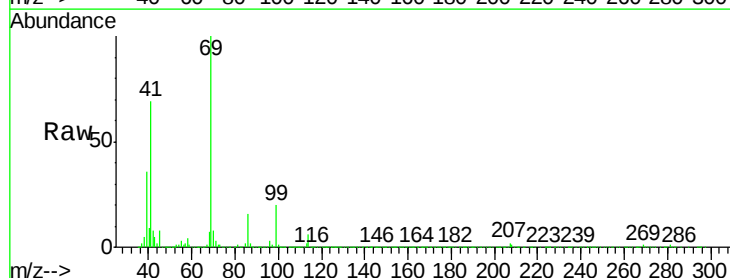
Manual Integrations
 APPROVED

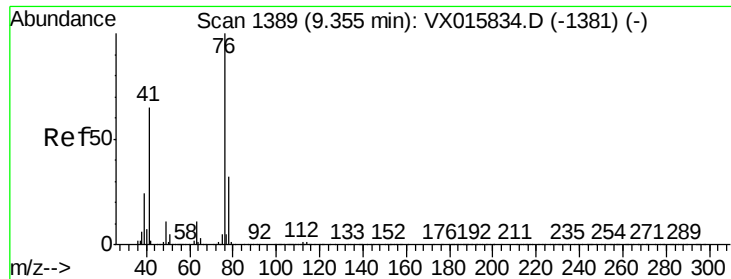
MMDadoda
 4/24/2020 11:06:28 AM



#56
 Ethyl methacrylate
 Concen: 19.559 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	292573		
41	73.5	57.4	86.2	
39	38.1	29.7	44.5	





#57

1,3-Dichloropropane

Concen: 20.353 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.4	38.2

Instrument :

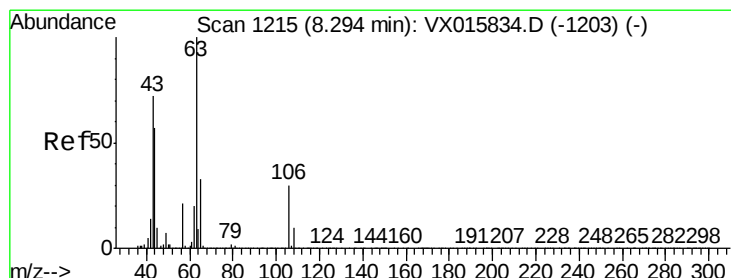
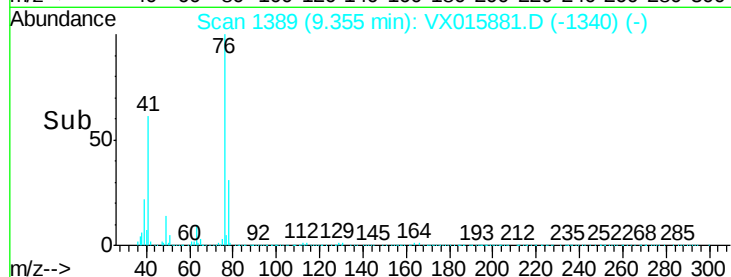
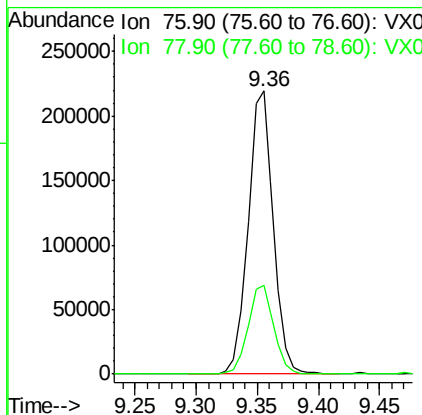
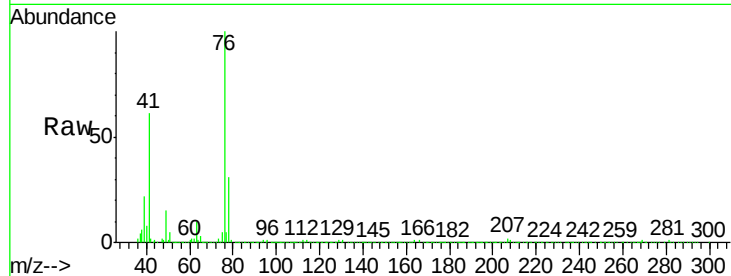
MSVOA_X

ClientSampleId :

VX0423WBS01

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.253 ug/l

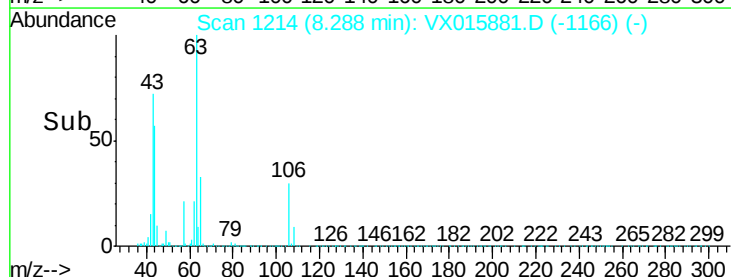
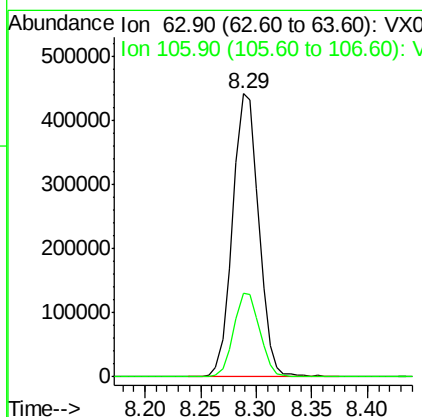
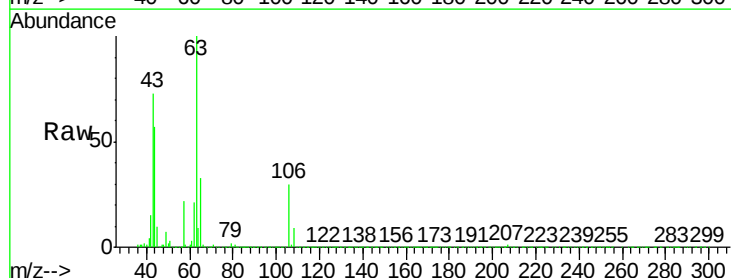
RT: 8.29 min Scan# 1214

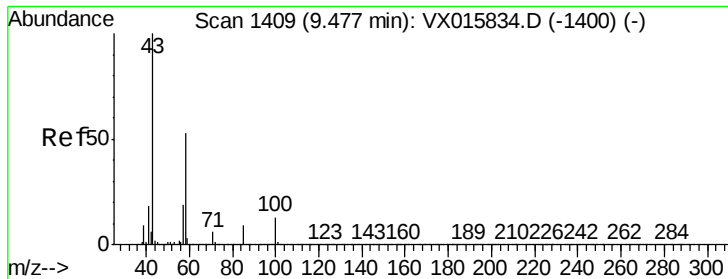
Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.8	35.8





#59

2-Hexanone

Concen: 93.996 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tot Ion: 43 Resp: 972049

Ion Ratio Lower Upper

43 100

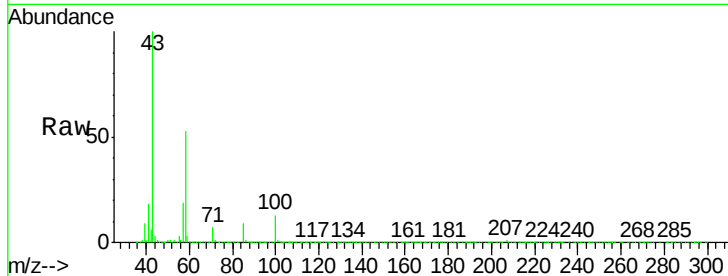
58 53.6 26.5 79.4

Manual Integrations

APPROVED

MMDadoda

4/24/2020 11:06:28 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

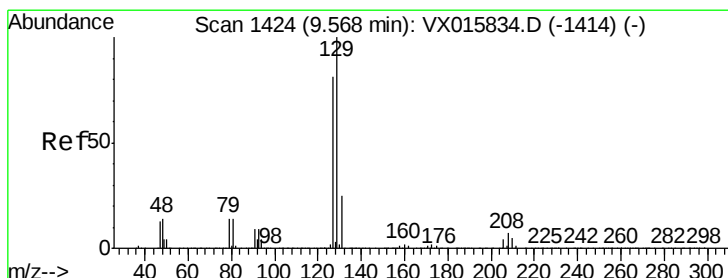
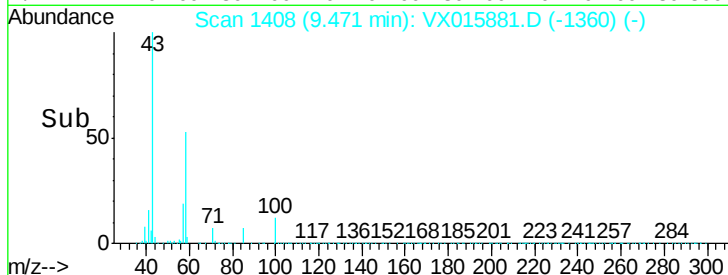
400000

200000

0

9.40 9.50 9.60

Time-->



#60

Dibromochloromethane

Concen: 20.993 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015881.D

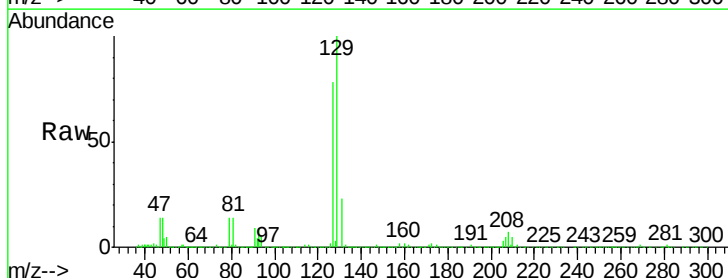
Acq: 23 Apr 2020 11:42

Tgt Ion: 129 Resp: 191452

Ion Ratio Lower Upper

129 100

127 77.0 40.0 120.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

150000

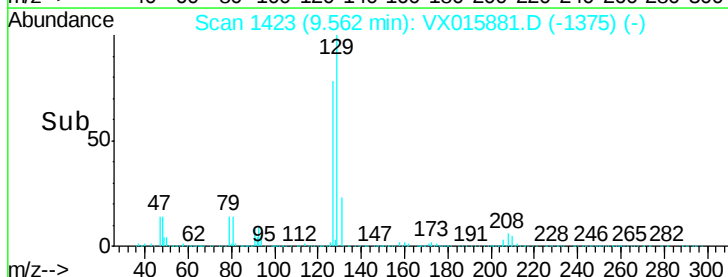
100000

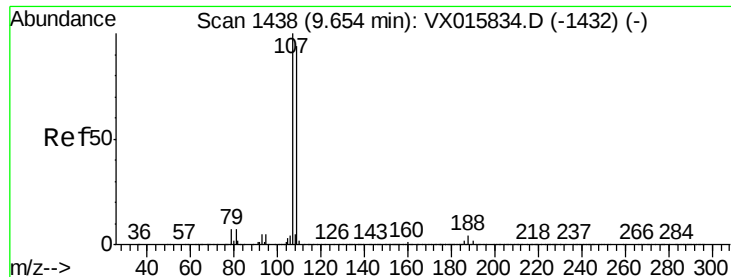
50000

0

9.50 9.60 9.70

Time-->





#61

1,2-Dibromoethane

Concen: 19.490 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 107 Resp: 190227

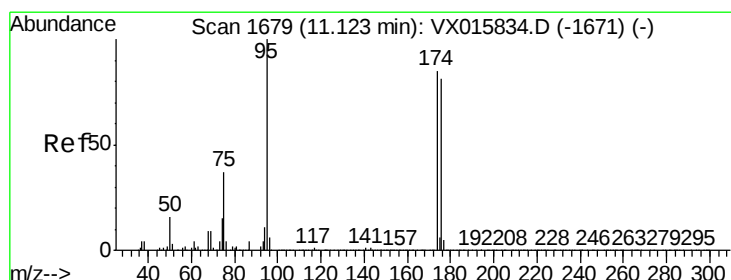
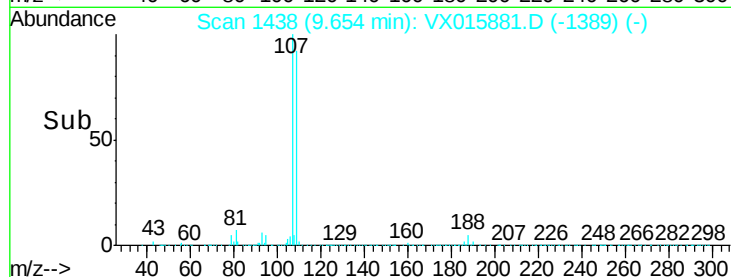
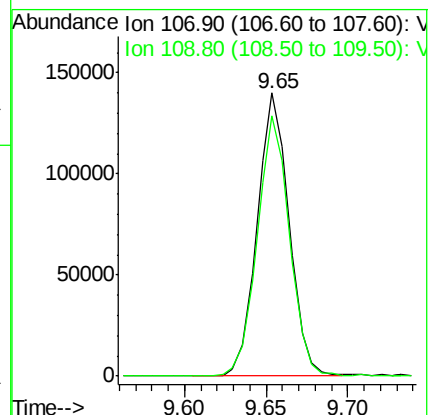
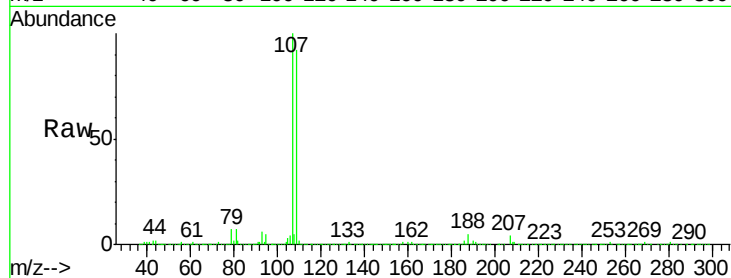
Ion Ratio Lower Upper

107 100

109 93.2 75.4 113.0

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#62

4-Bromofluorobenzene

Concen: 49.575 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

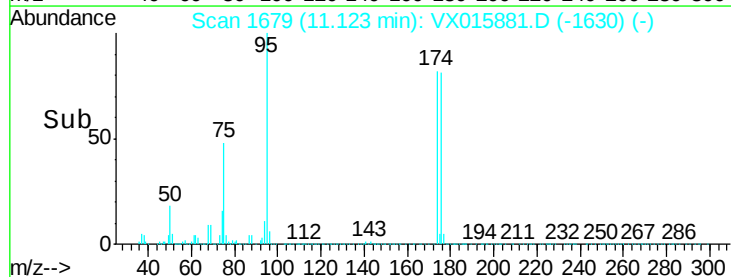
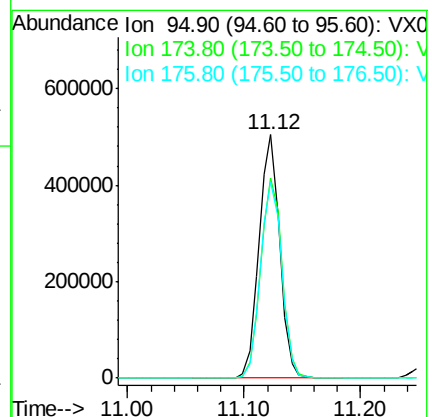
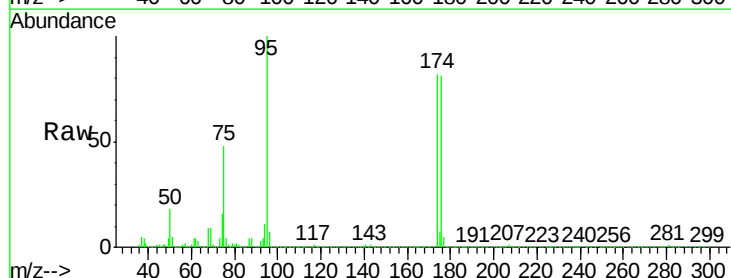
Tgt Ion: 95 Resp: 624469

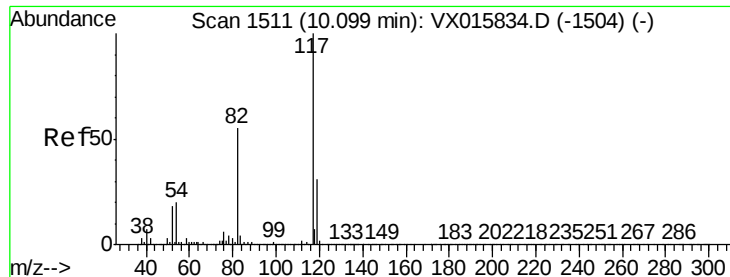
Ion Ratio Lower Upper

95 100

174 85.2 0.0 172.4

176 83.9 0.0 167.0





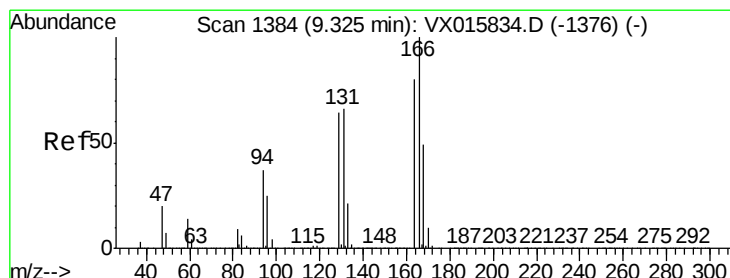
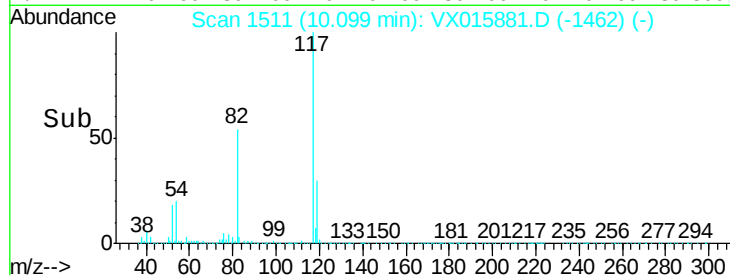
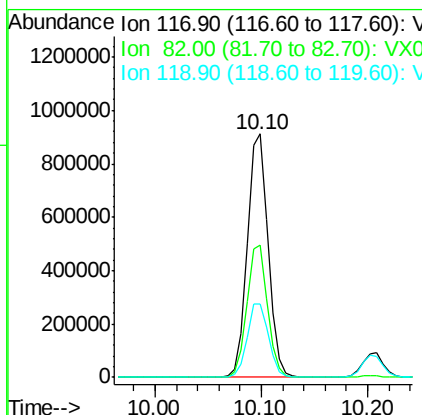
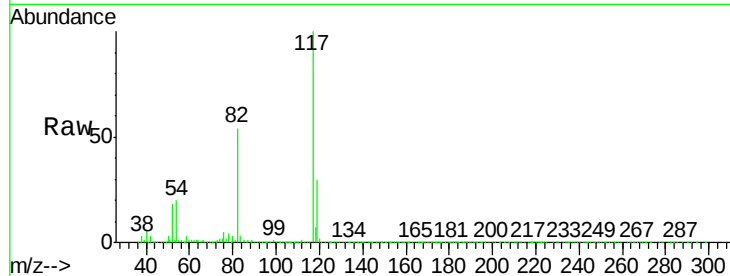
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.9	65.9
119	30.4	25.1	37.7

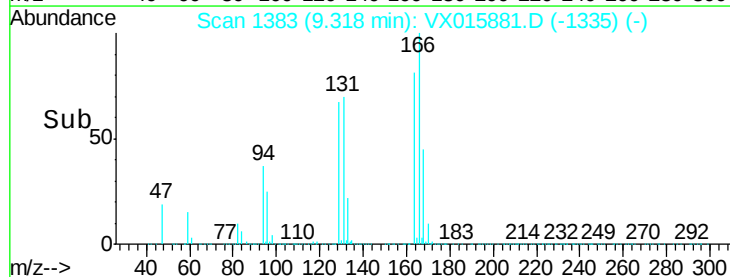
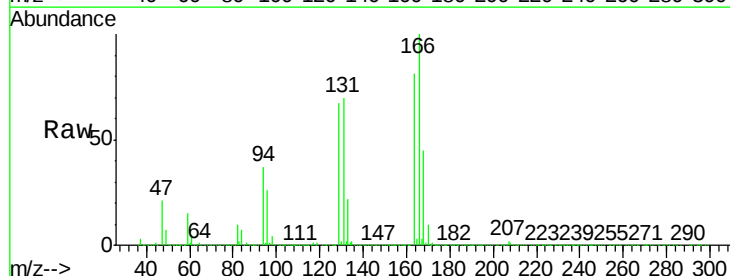
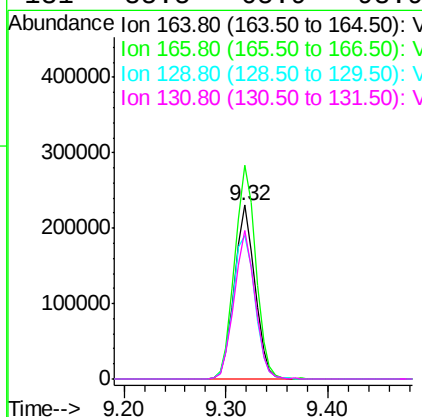
Manual Integrations
APPROVED

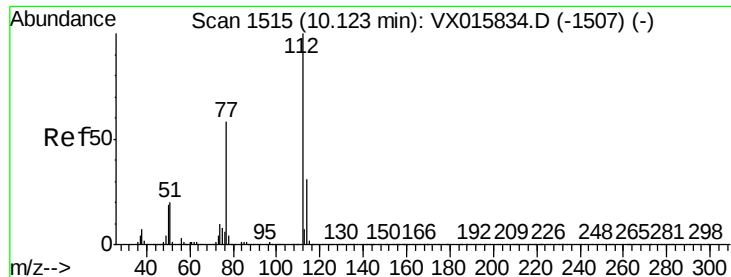
MMDadoda
4/24/2020 11:06:28 AM



#64
Tetrachloroethene
Concen: 19.031 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.0	100.2	150.2
129	82.5	64.5	96.7
131	85.5	65.9	98.9





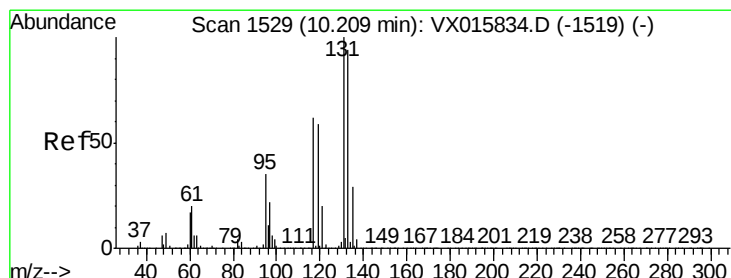
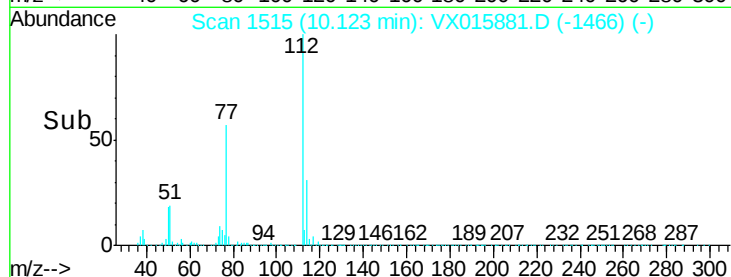
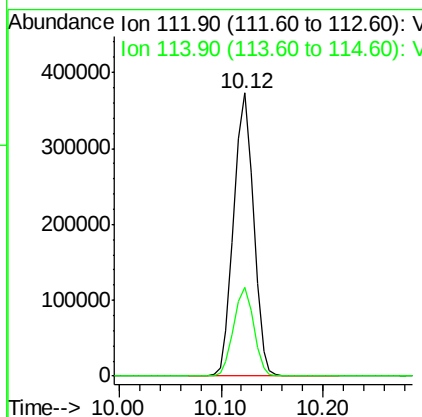
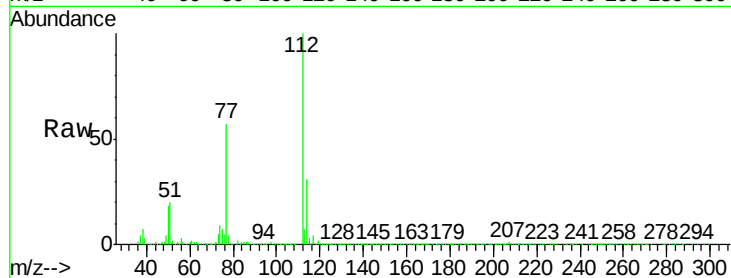
#65
Chlorobenzene
Concen: 20.110 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion:112 Resp: 501708
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

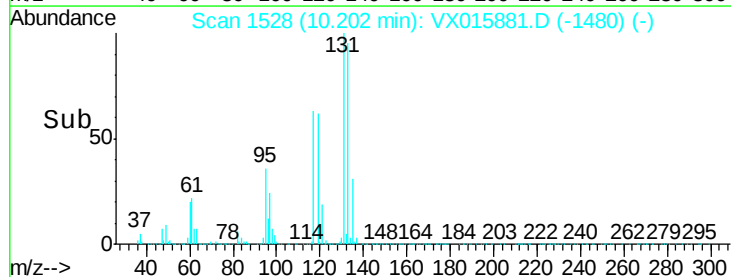
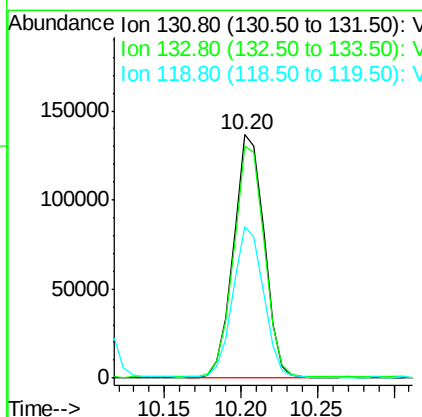
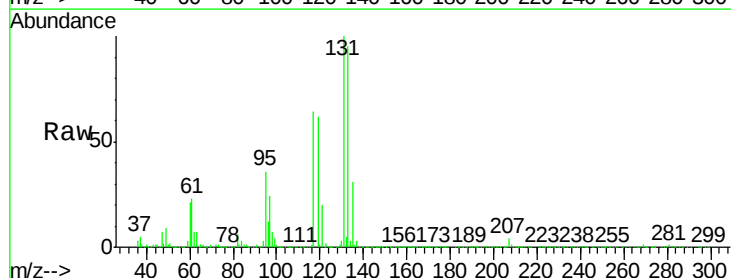
Manual Integrations
APPROVED

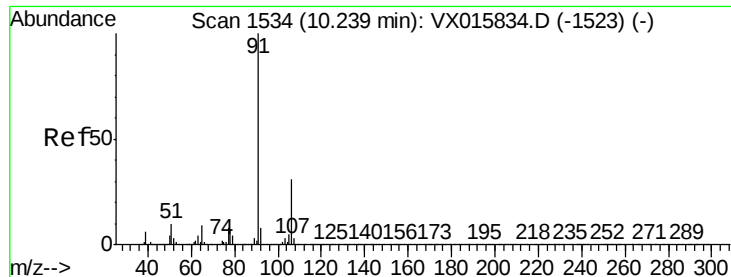
MMDadoda
4/24/2020 11:06:28 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.305 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion:131 Resp: 189355
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.2
119 62.3 30.9 92.8





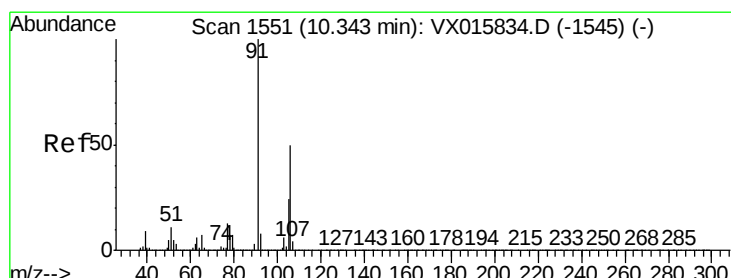
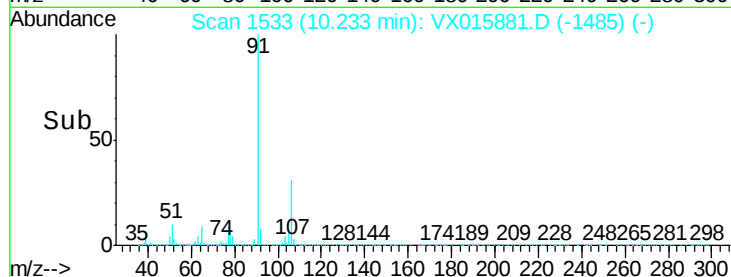
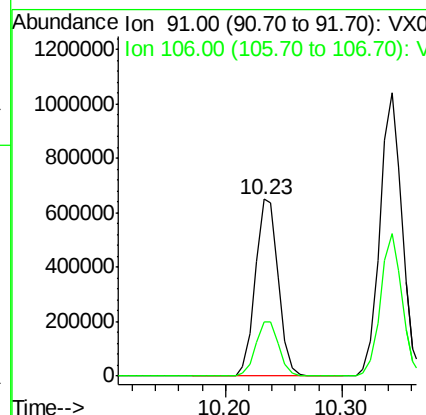
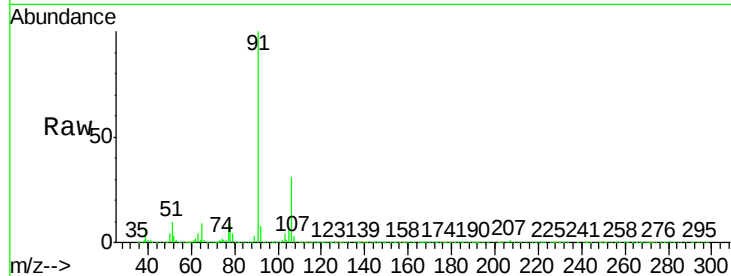
#67
Ethyl Benzene
Concen: 20.371 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion: 91 Resp: 892477
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4

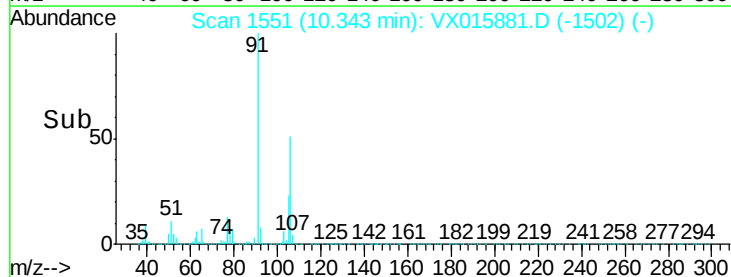
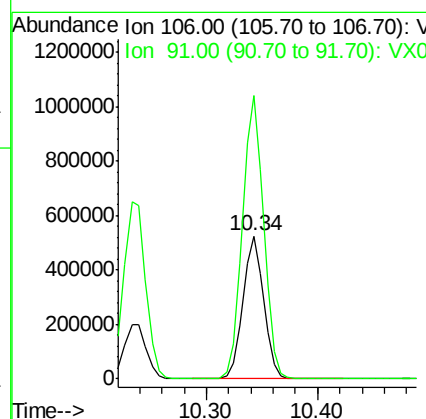
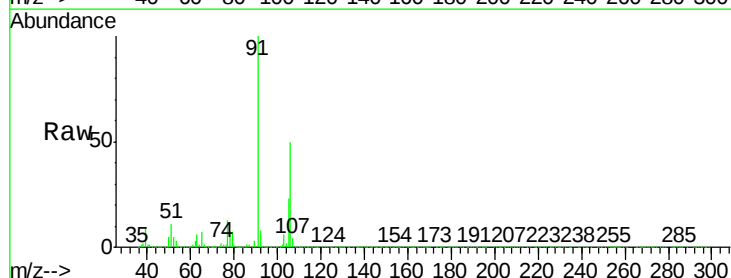
Manual Integrations
APPROVED

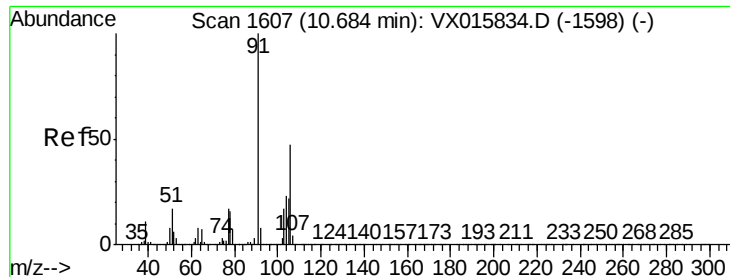
MMDadoda
4/24/2020 11:06:28 AM



#68
m/p-Xylenes
Concen: 41.018 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 106 Resp: 674525
Ion Ratio Lower Upper
106 100
91 202.6 161.1 241.7





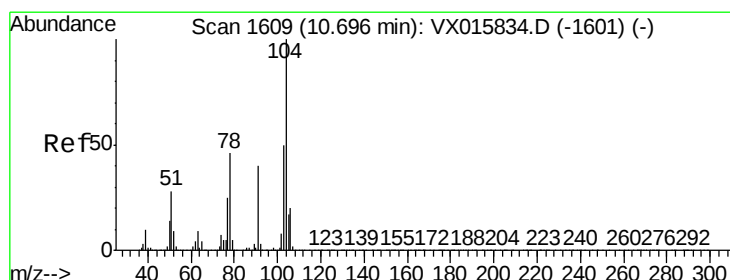
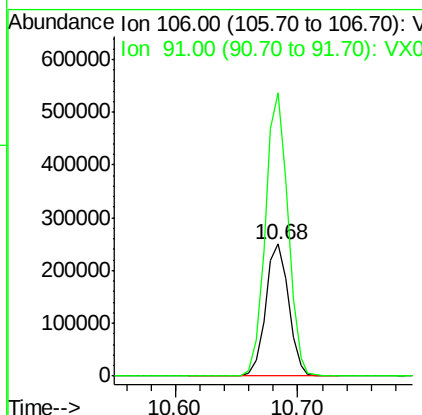
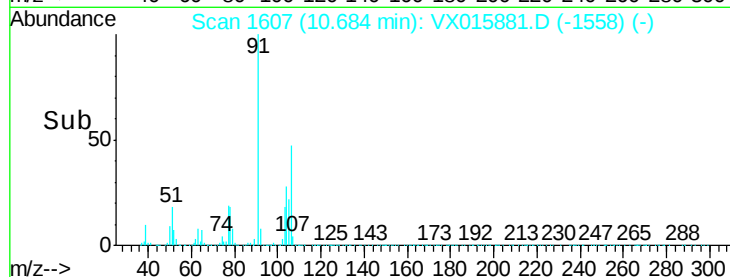
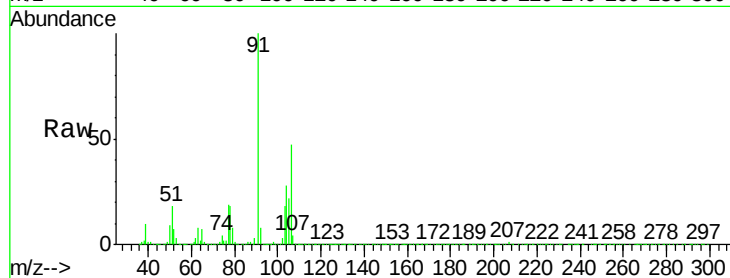
#69
o-Xylene
Concen: 20.186 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampled :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	107.1	321.3

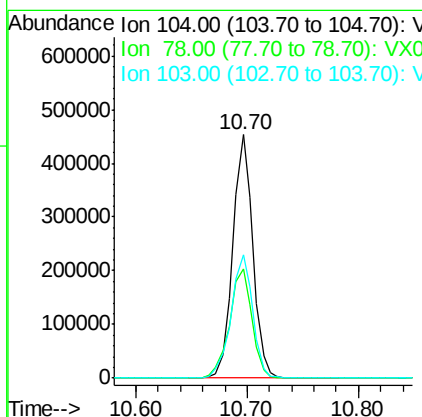
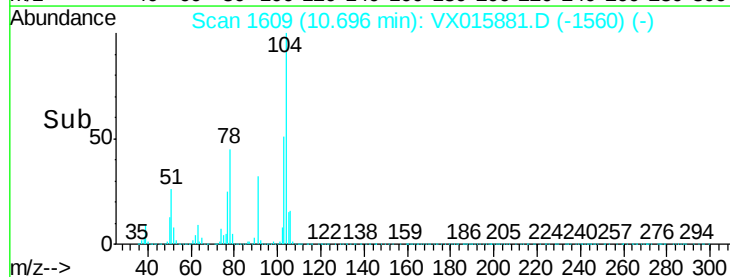
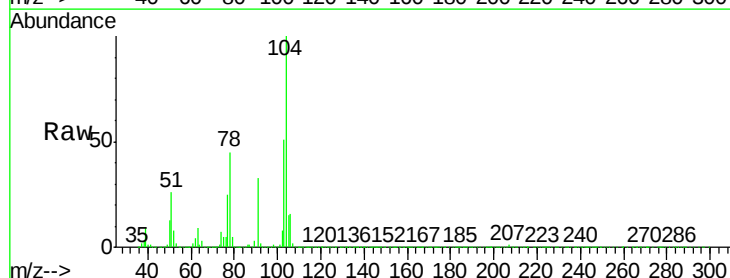
Manual Integrations
APPROVED

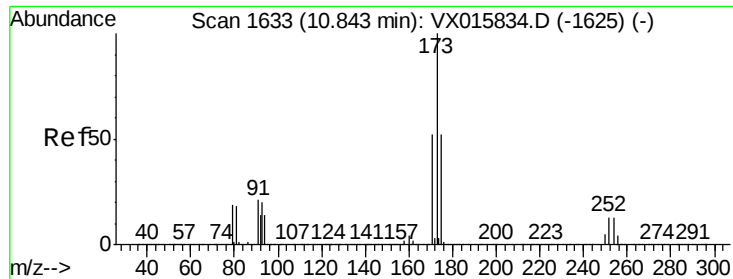
MMDadoda
4/24/2020 11:06:28 AM



#70
Styrene
Concen: 20.072 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.9	40.1	60.1
103	54.9	43.3	64.9





#71

Bromoform

Concen: 22.655 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion:173 Resp: 137670

Ion Ratio Lower Upper

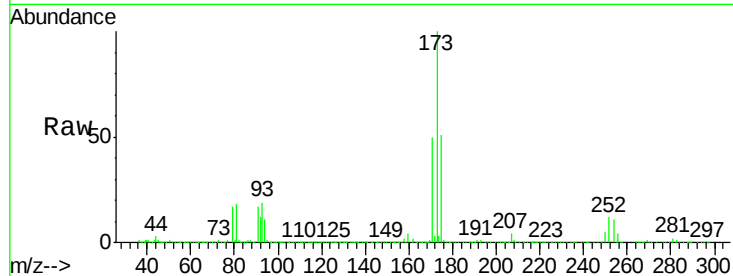
173 100

175 51.3 25.1 75.4

254 0.3 0.3 0.5#

Manual Integrations
APPROVED

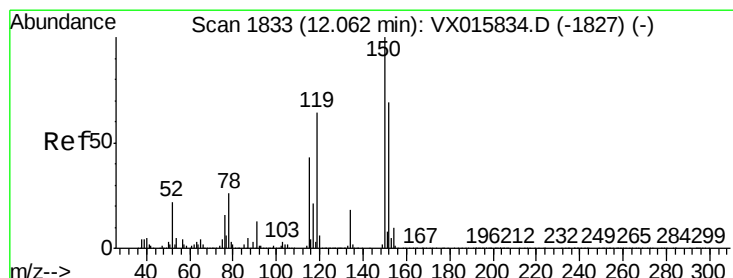
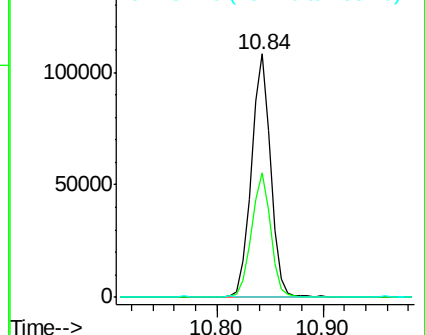
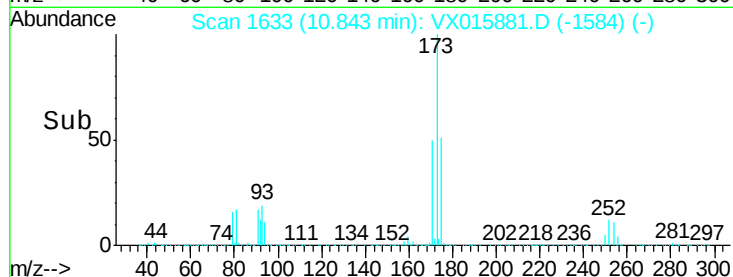
MMDadoda
4/24/2020 11:06:28 AM



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: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

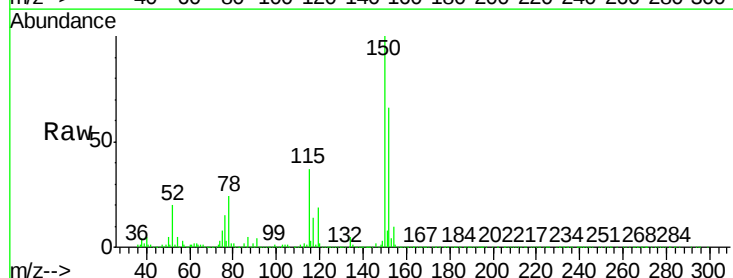
Tgt Ion:152 Resp: 675338

Ion Ratio Lower Upper

152 100

115 64.3 39.0 116.9

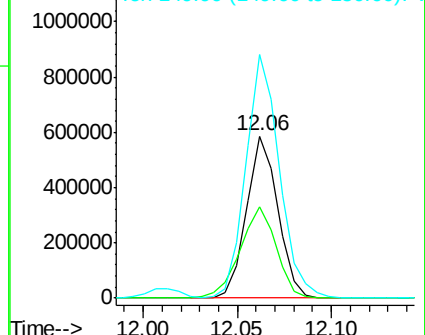
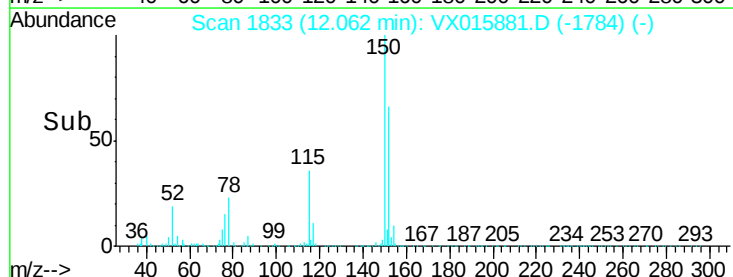
150 161.1 0.0 336.8

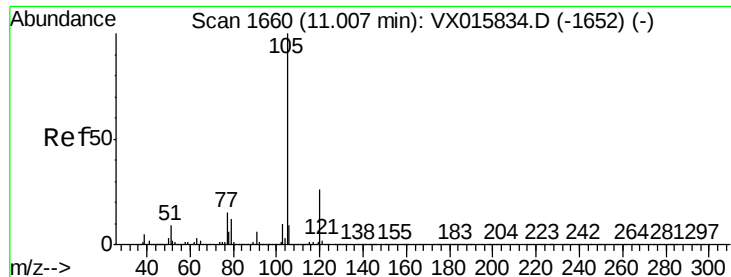


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.528 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 105 Resp: 880468

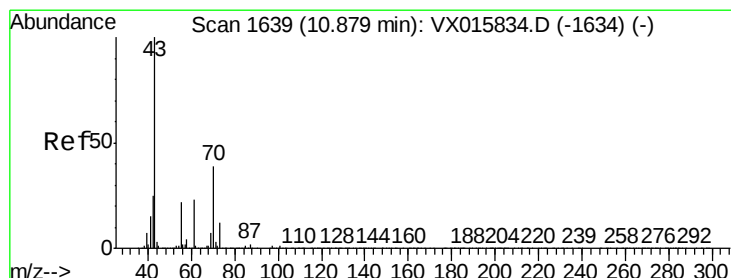
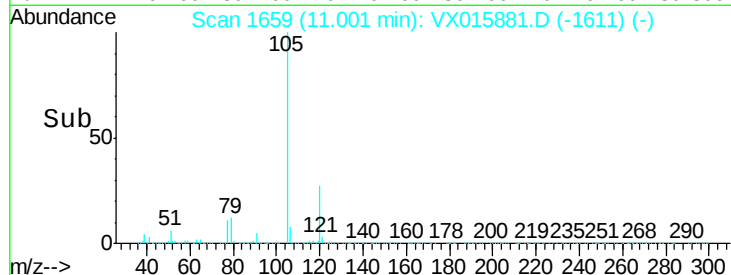
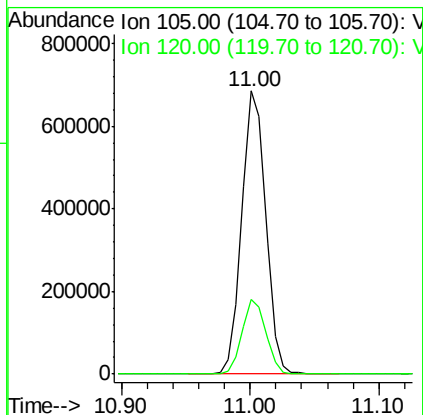
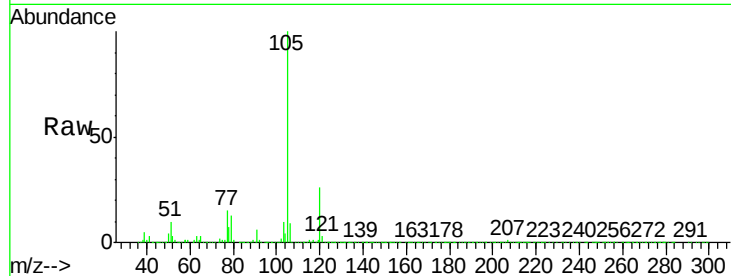
Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#74

N-ethyl acetate

Concen: 18.684 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion: 43 Resp: 413711

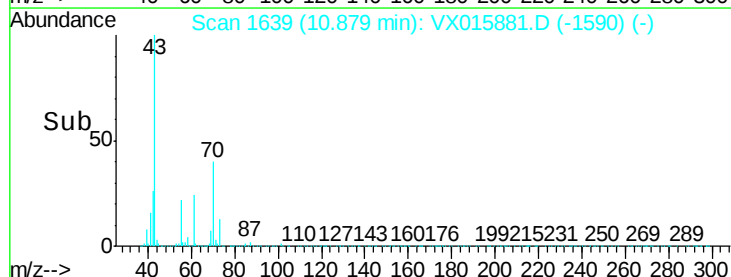
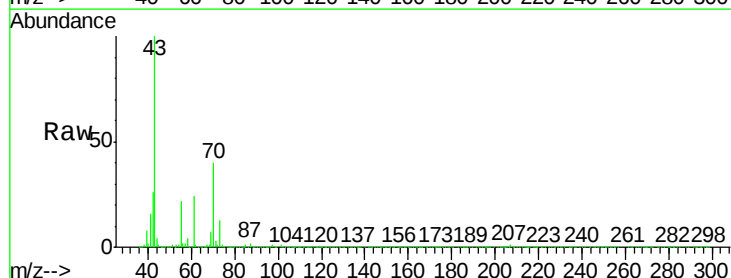
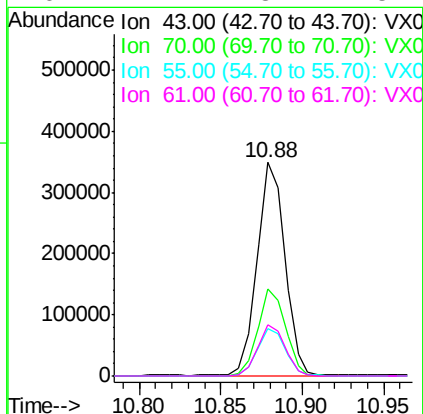
Ion Ratio Lower Upper

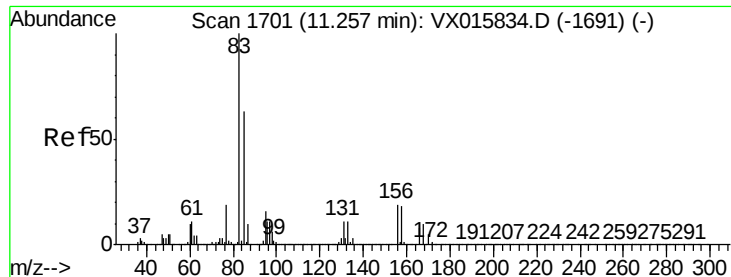
43 100

70 40.9 32.6 49.0

55 22.5 18.3 27.5

61 24.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.423 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

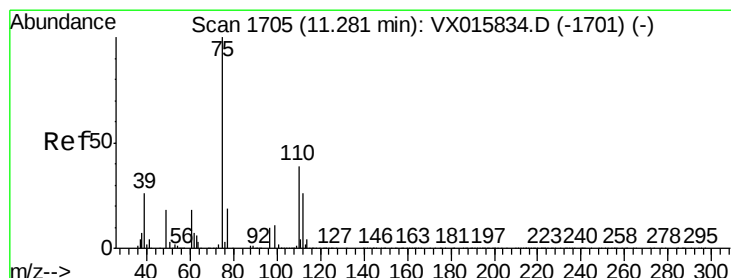
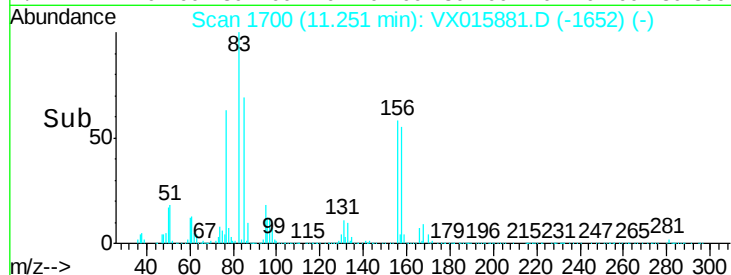
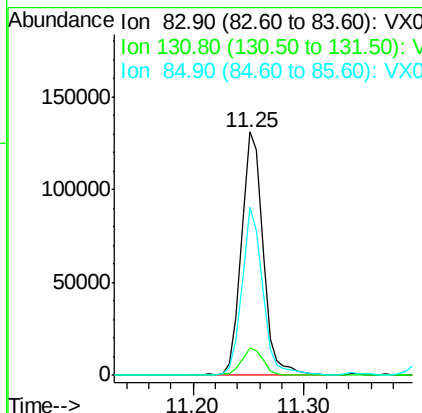
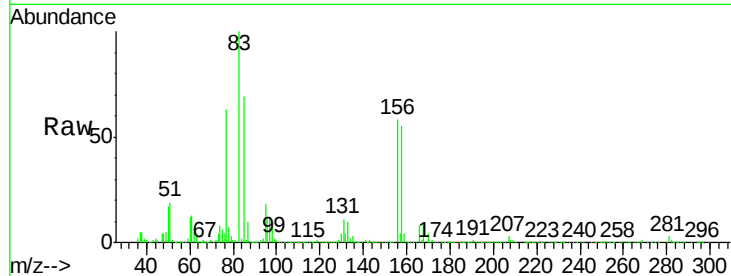
ClientSampleId :

VX0423WBS01

Tot Ion:	83	Resp:	176306
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	65.8	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#76

1,2,3-Trichloropropane

Concen: 19.808 ug/l m

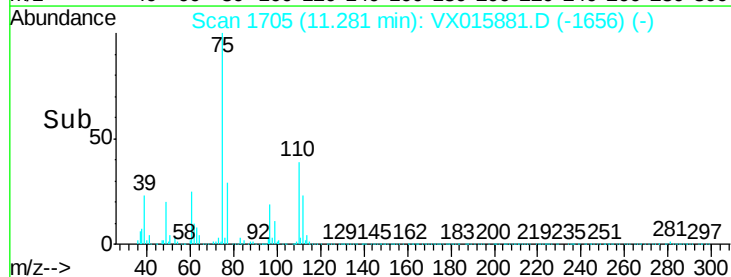
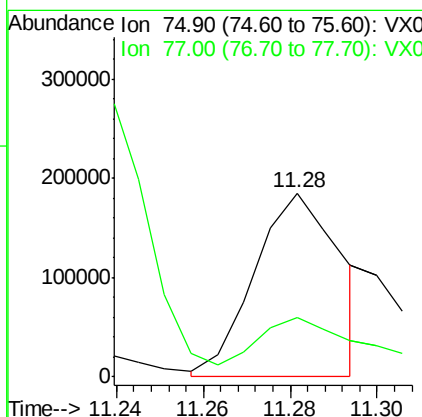
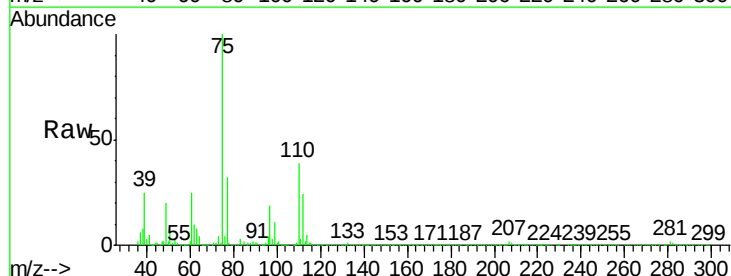
RT: 11.28 min Scan# 1705

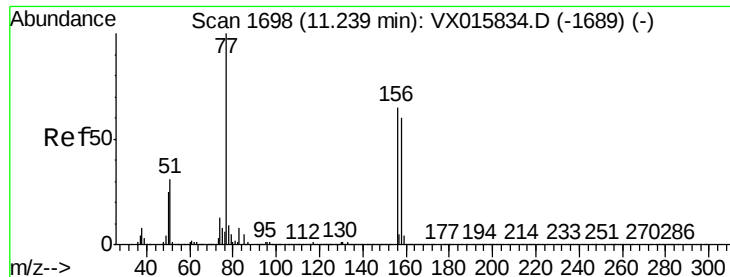
Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion:	75	Resp:	254374
Ion Ratio	Lower	Upper	
75	100		
77	41.0	21.3	63.9





#77

Bromobenzene

Concen: 20.629 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

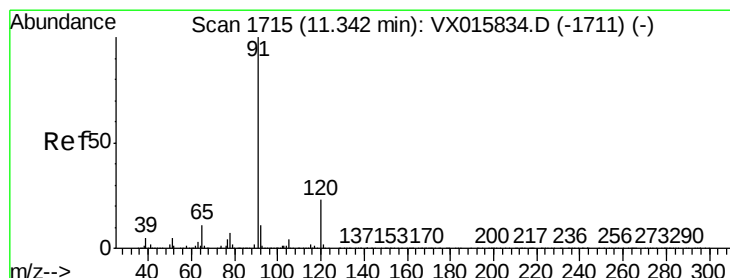
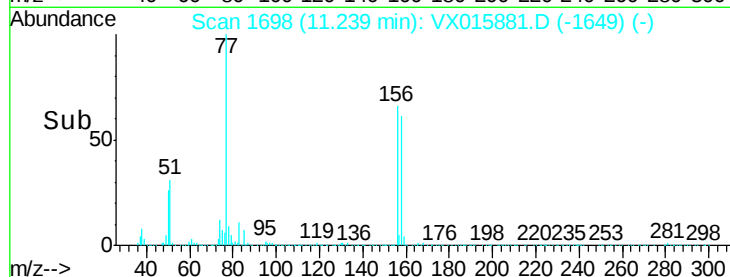
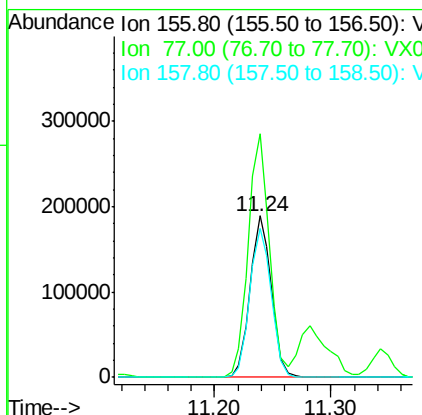
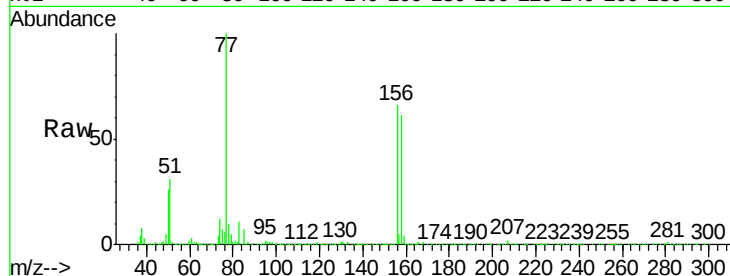
ClientSampleId :

VX0423WBS01

Tot Ion:	156	Resp:	241759
Ion Ratio	Lower	Upper	
156	100		
77	150.6	75.2	225.6
158	93.3	47.9	143.6

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#78

n-propylbenzene

Concen: 20.312 ug/l

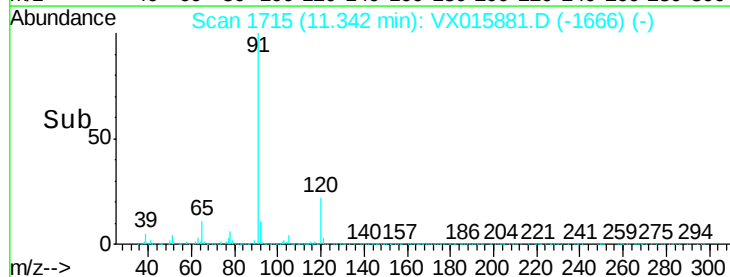
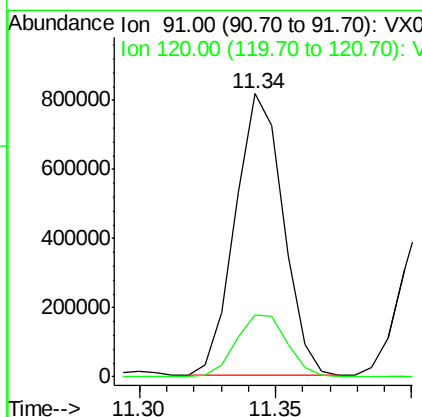
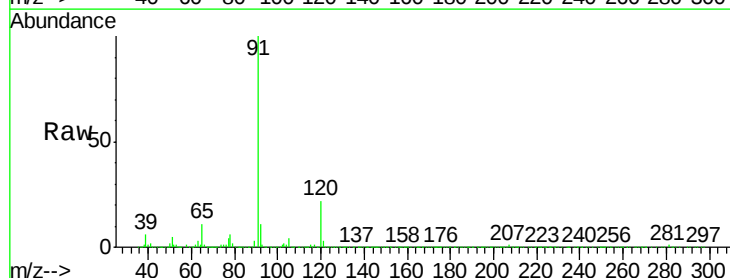
RT: 11.34 min Scan# 1715

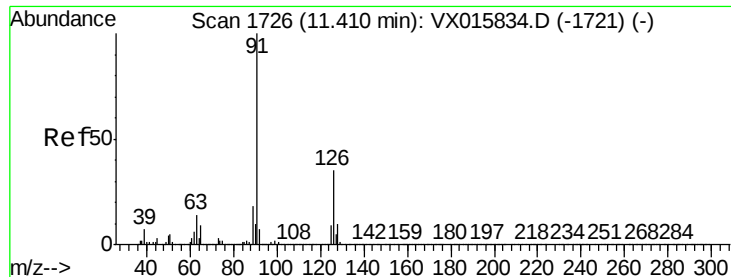
Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion:	91	Resp:	998008
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.1





#79

2-Chlorotoluene

Concen: 19.951 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 91 Resp: 588827

Ion Ratio Lower Upper

91 100

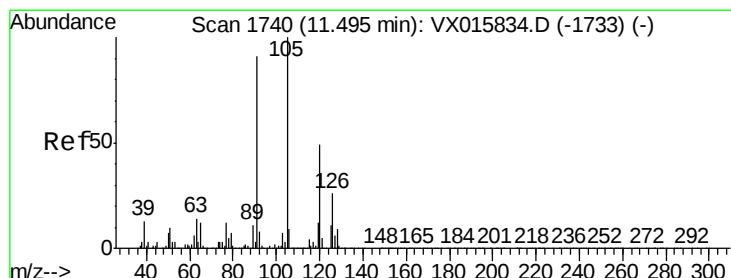
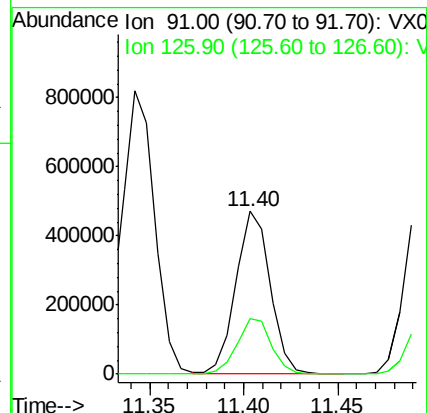
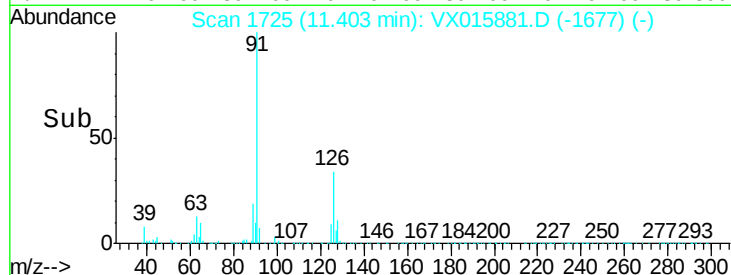
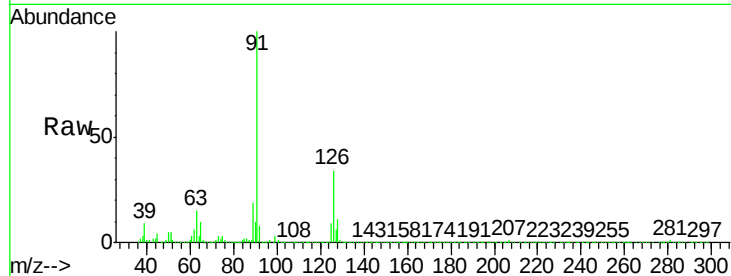
126 34.6 17.2 51.5

Manual Integrations

APPROVED

MMDadoda

4/24/2020 11:06:28 AM



#80

1,3,5-Trimethylbenzene

Concen: 20.459 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015881.D

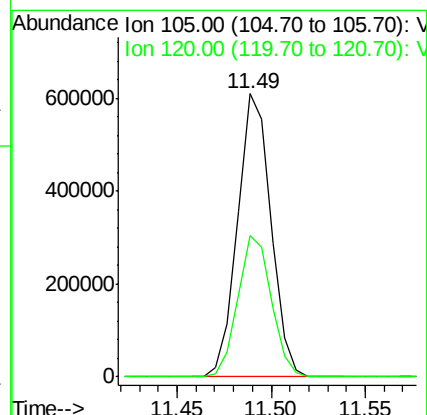
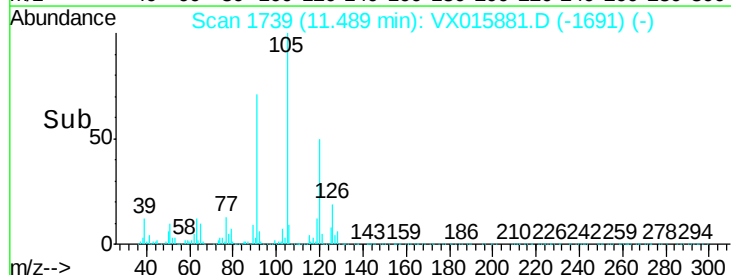
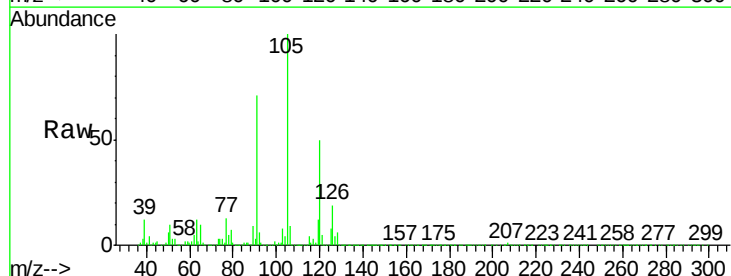
Acq: 23 Apr 2020 11:42

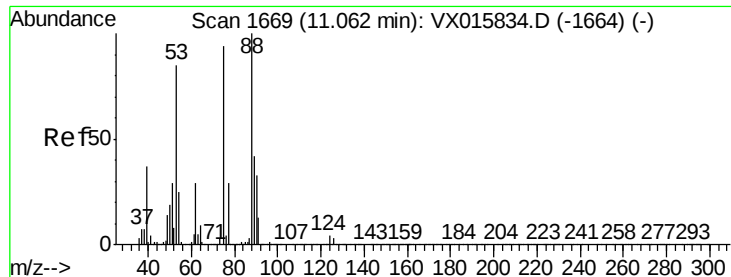
Tgt Ion: 105 Resp: 748226

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.7





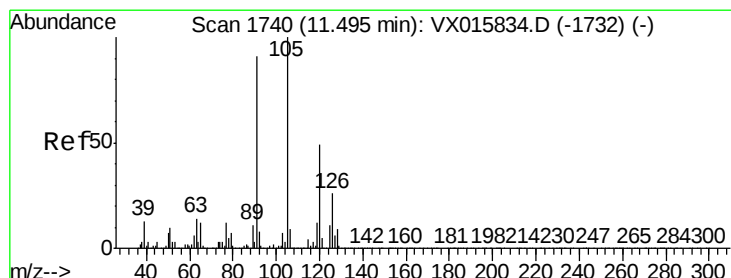
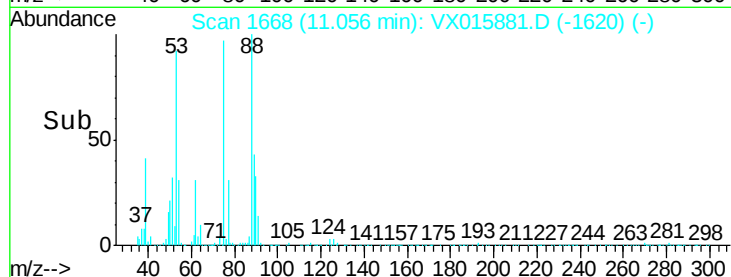
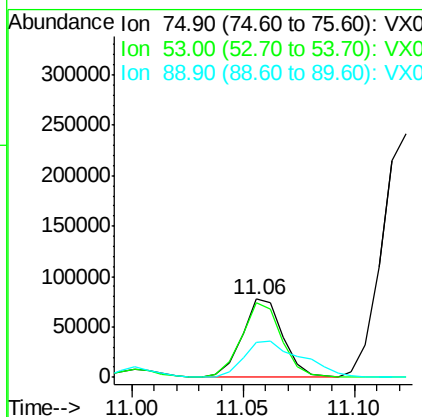
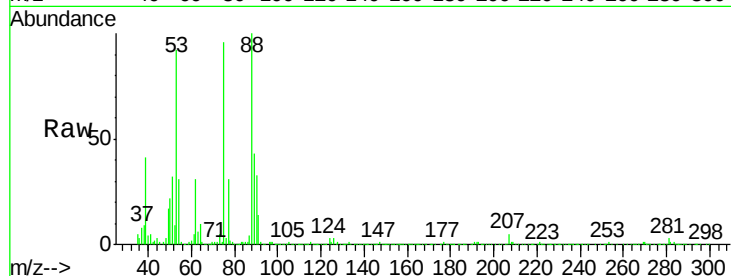
#81
trans-1,4-Dichloro-2-butene
Concen: 18.331 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.4	74.2	111.2
89	66.0	38.0	57.0

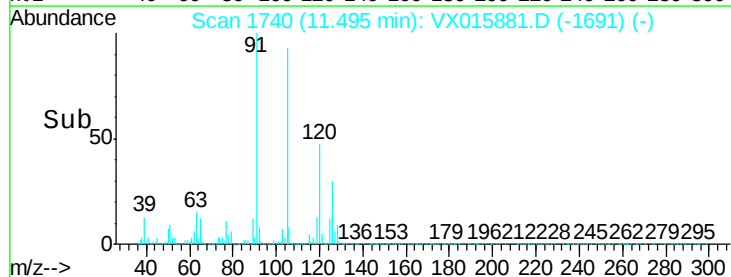
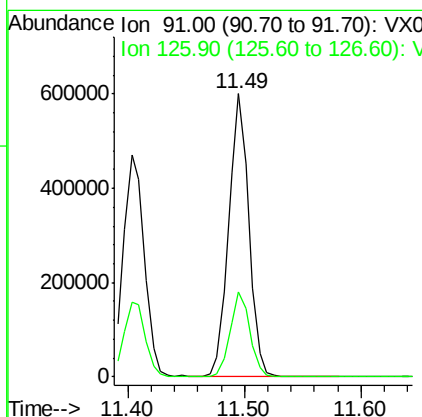
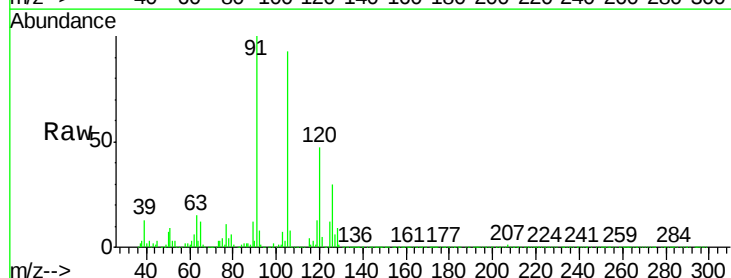
Manual Integrations
APPROVED

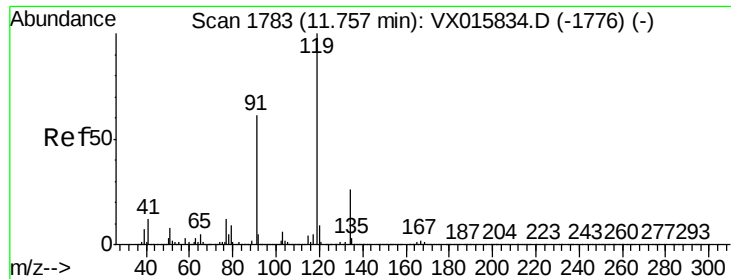
MMDadoda
4/24/2020 11:06:28 AM



#82
4-Chlorotoluene
Concen: 20.479 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.0	45.0





#83

tert-Butylbenzene

Concen: 20.422 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

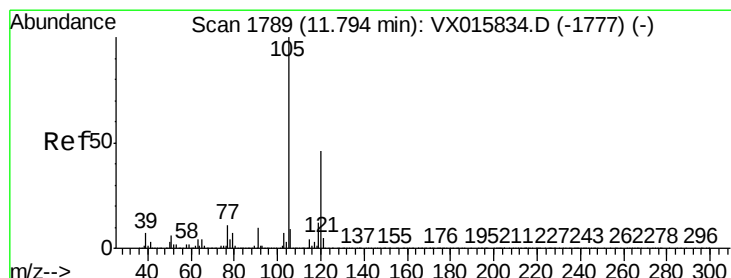
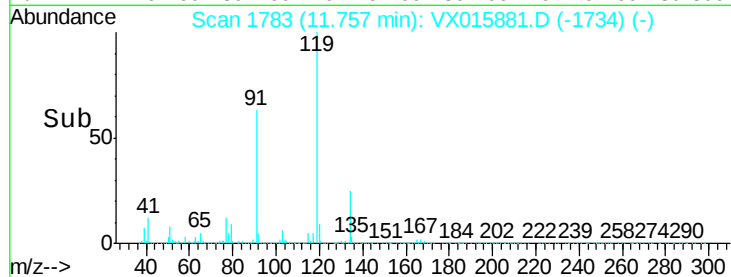
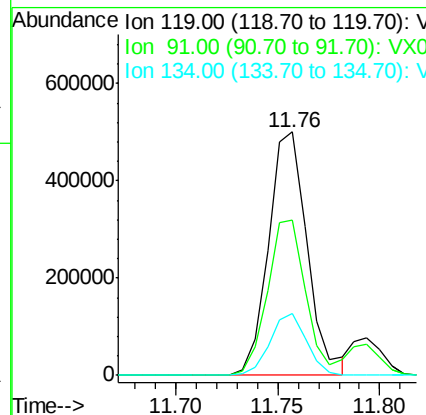
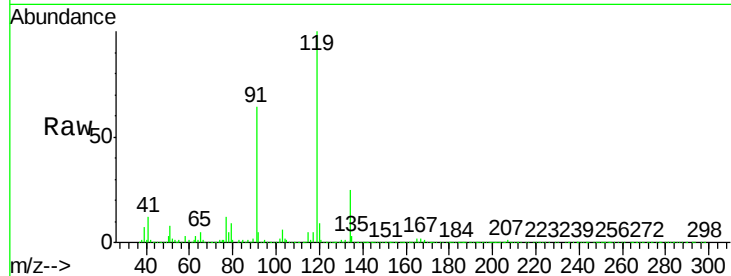
ClientSampleId :

VX0423WBS01

Tot Ion:	119	Resp:	662509
Ion Ratio	Lower	Upper	
119	100		
91	62.7	30.9	92.7
134	24.0	12.4	37.2

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.219 ug/l

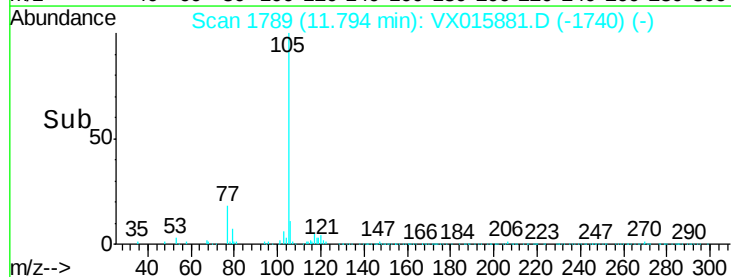
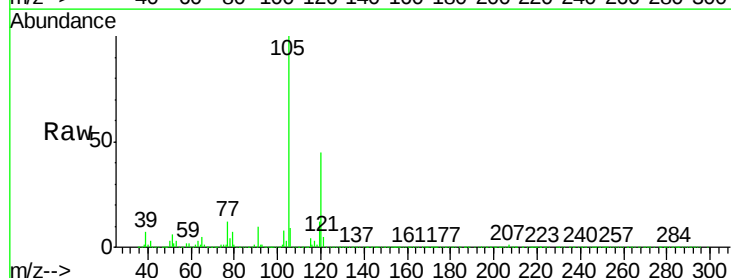
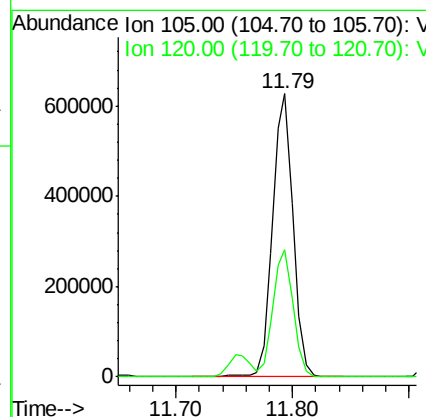
RT: 11.79 min Scan# 1789

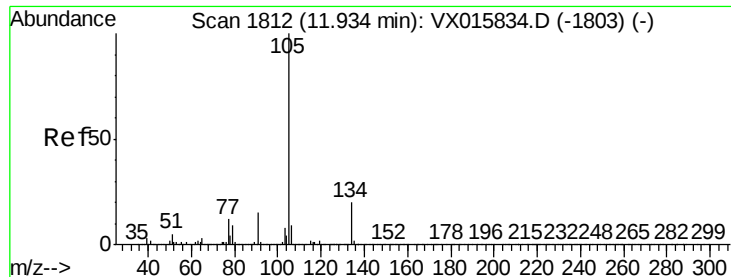
Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion:	105	Resp:	767698
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.9	68.7





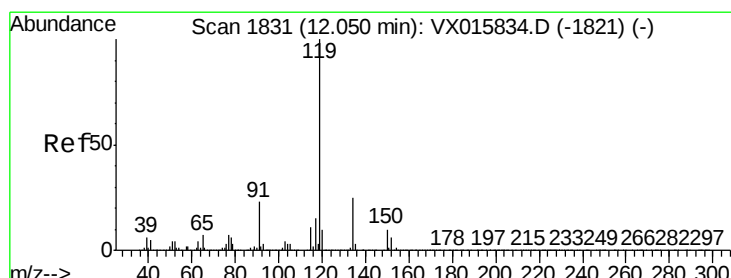
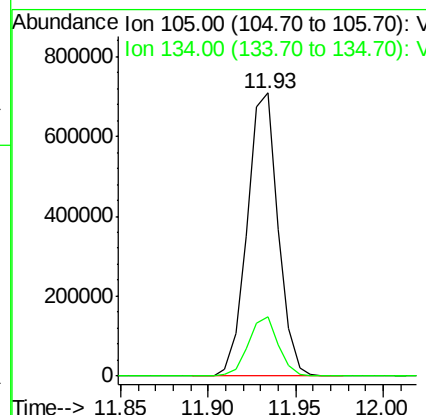
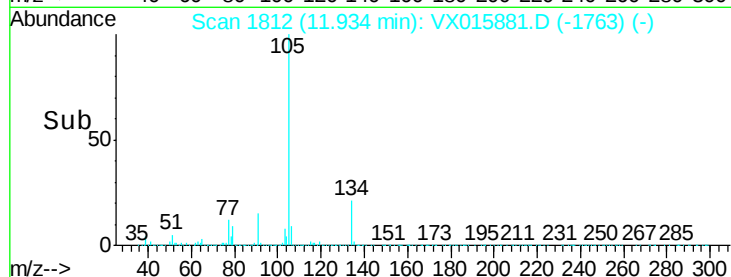
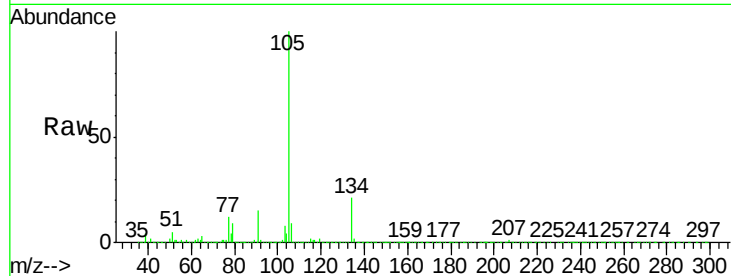
#85
 sec-Butylbenzene
 Concen: 20.193 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.3	30.8

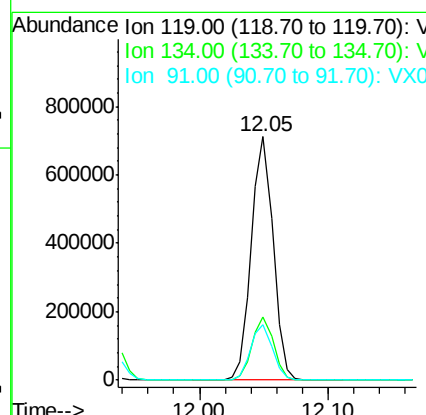
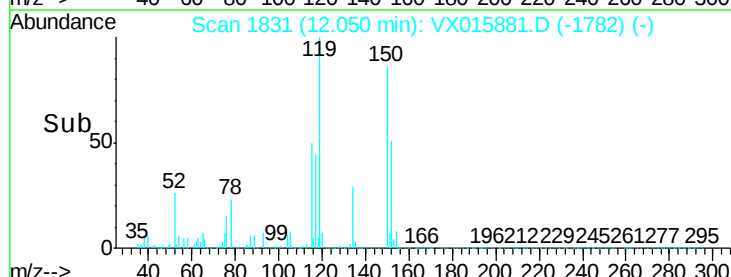
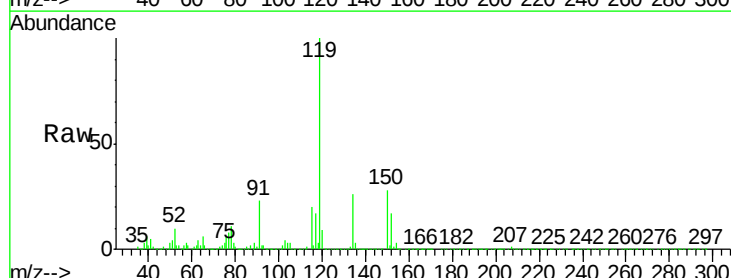
Manual Integrations
 APPROVED

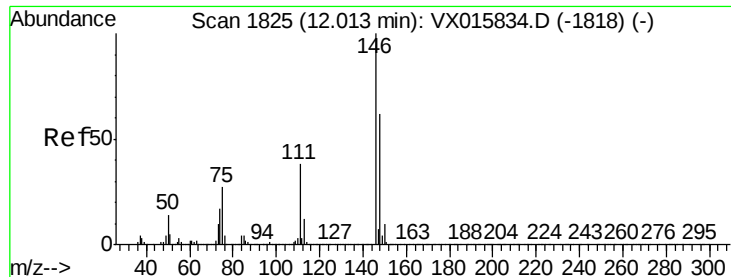
MMDadoda
 4/24/2020 11:06:28 AM



#86
 p-Isopropyltoluene
 Concen: 20.642 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	38.9
91	23.2	11.5	34.5





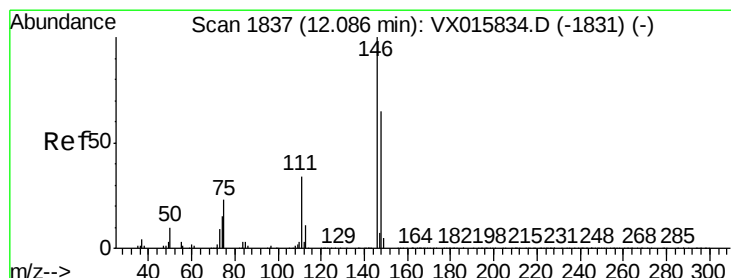
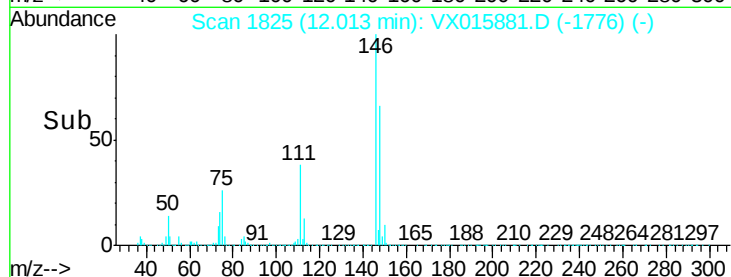
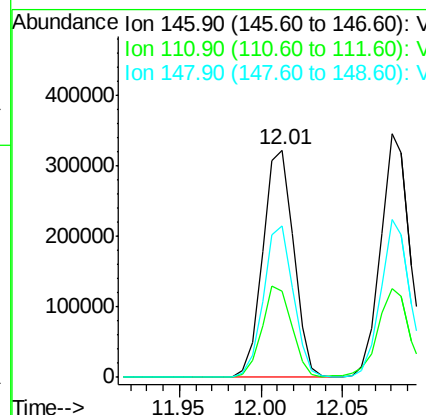
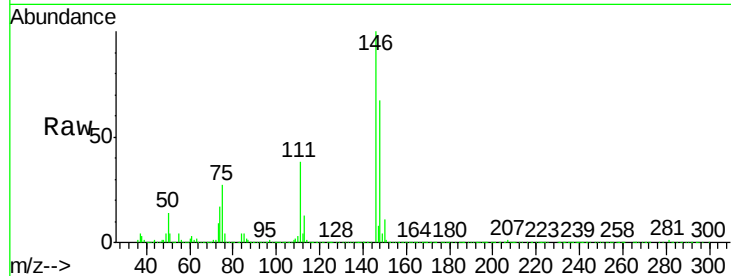
#87
 1,3-Dichlorobenzene
 Concen: 19.741 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.1
148	64.2	30.9	92.7

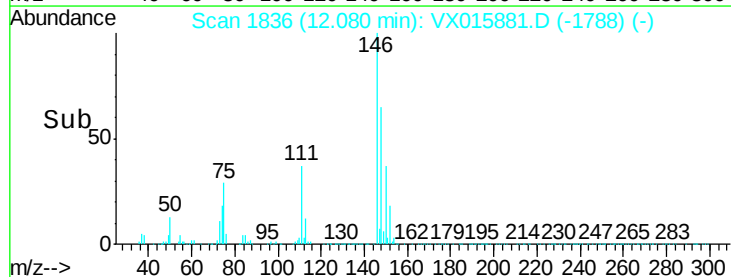
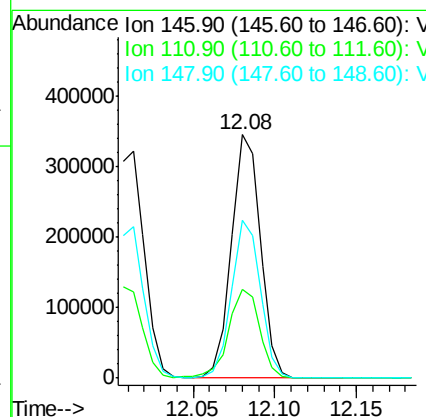
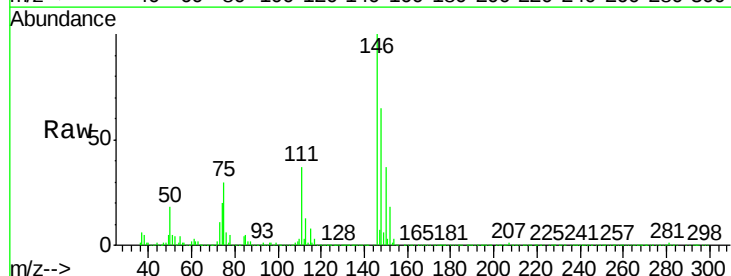
Manual Integrations
 APPROVED

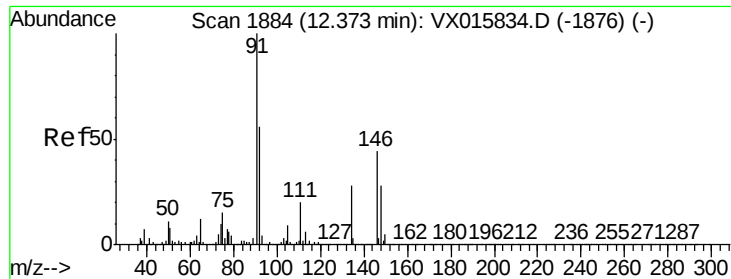
MMDadoda
 4/24/2020 11:06:28 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.759 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	64.5	33.8	101.4





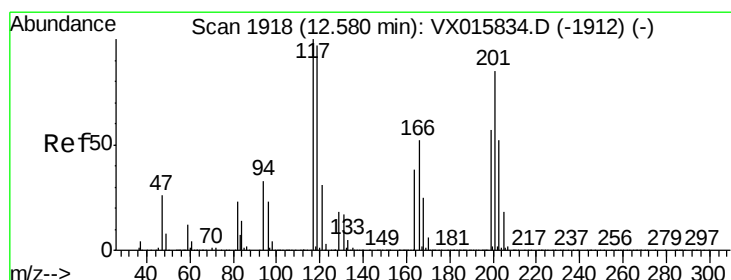
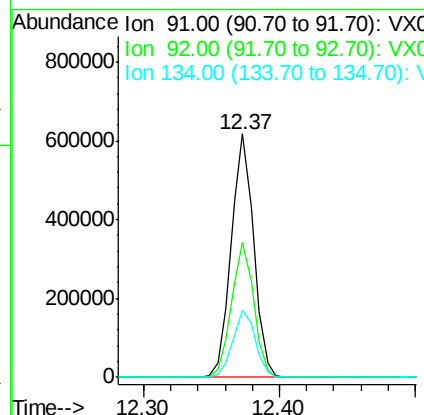
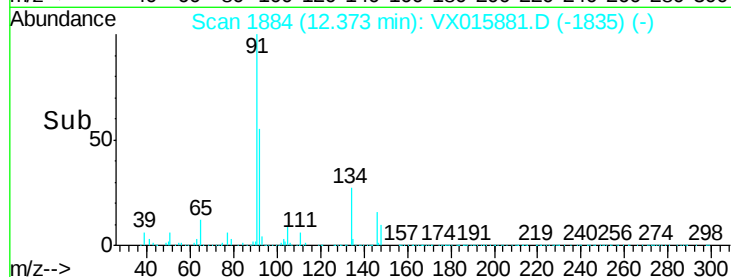
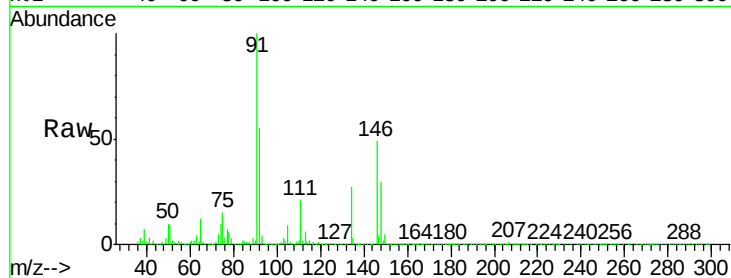
#89
n-Butylbenzene
Concen: 19.674 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.7	83.1
134	27.4	14.1	42.4

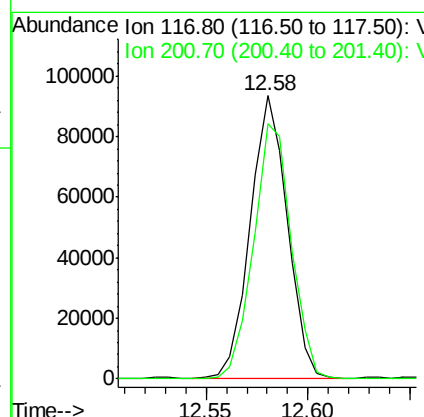
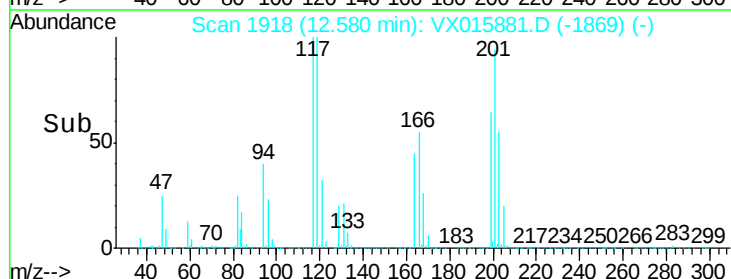
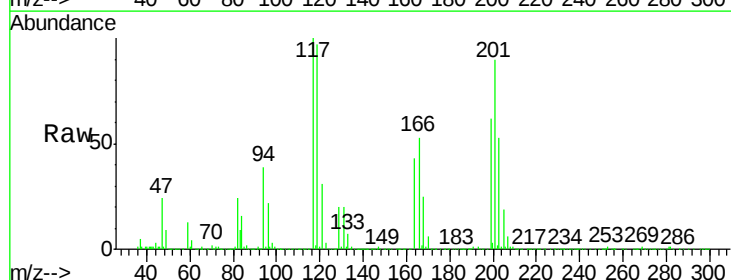
Manual Integrations
APPROVED

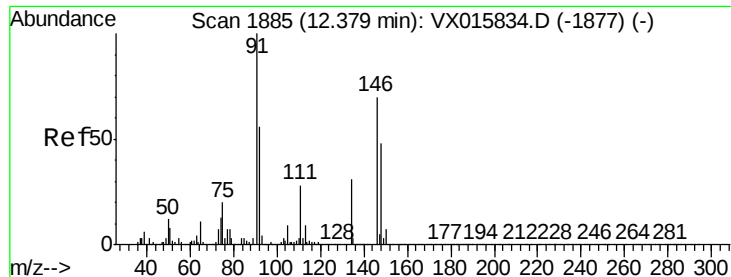
MMDadoda
4/24/2020 11:06:28 AM



#90
Hexachloroethane
Concen: 27.842 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.4	45.6	136.9





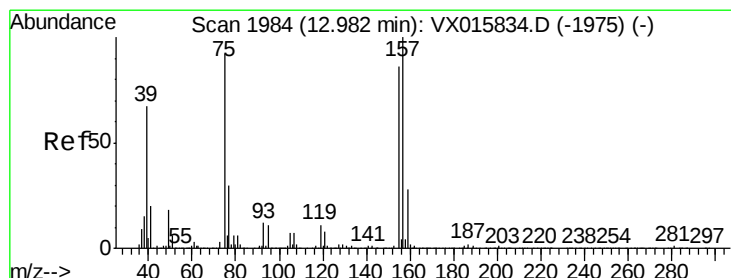
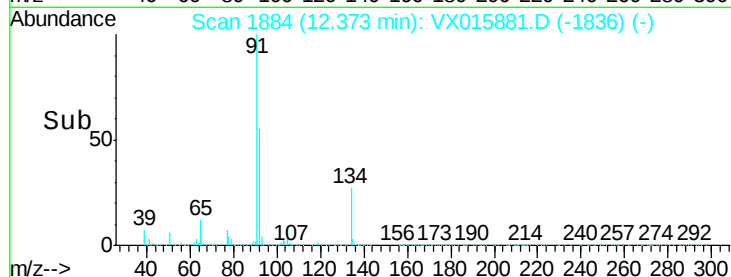
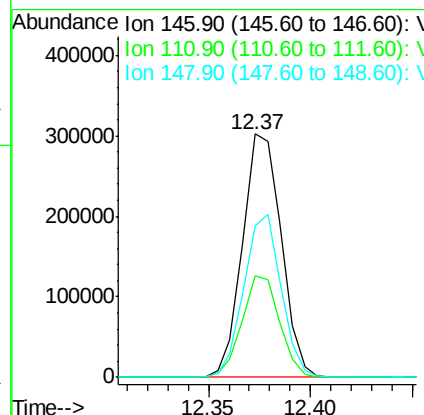
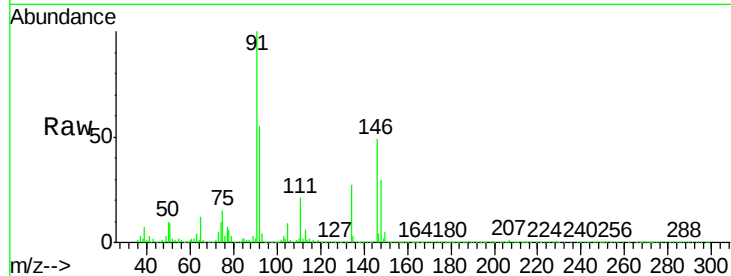
#91
 1,2-Dichlorobenzene
 Concen: 19.529 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	64.5	32.1	96.3

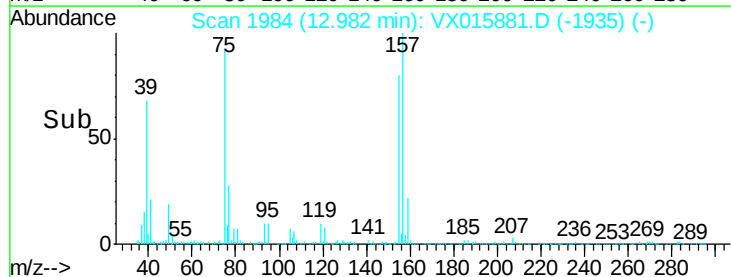
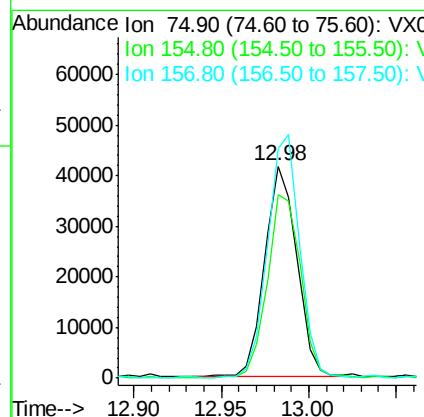
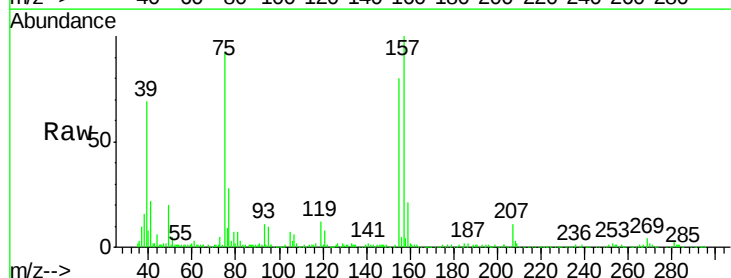
Manual Integrations
 APPROVED

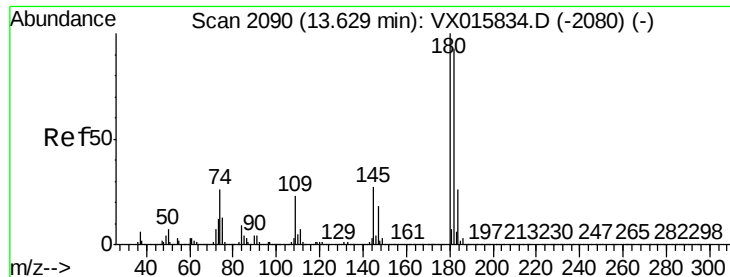
MMDadoda
 4/24/2020 11:06:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.482 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	48.1	144.4
157	116.5	58.9	176.7





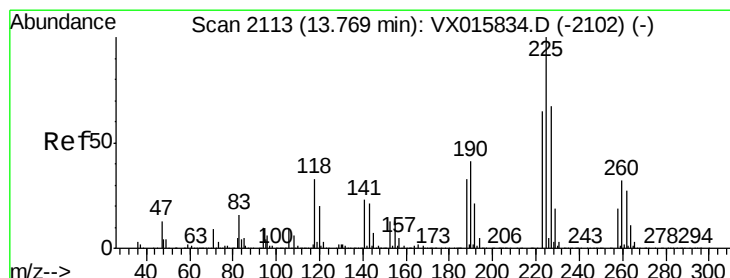
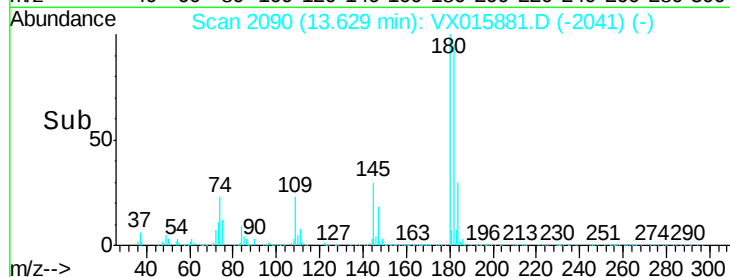
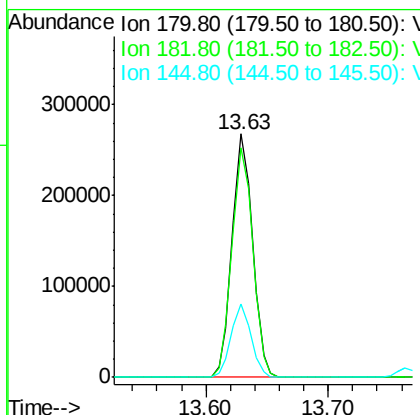
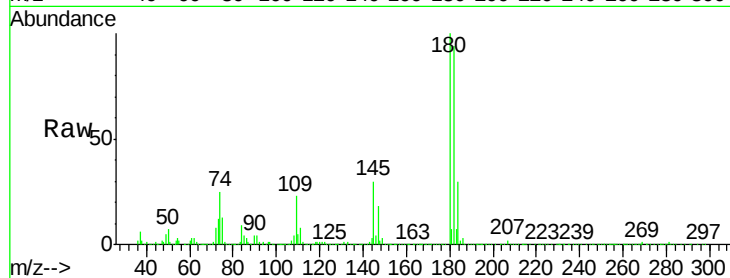
#93
1,2,4-Trichlorobenzene
Concen: 19.266 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	309715		
182	96.2	47.7	143.1	
145	29.6	14.5	43.5	

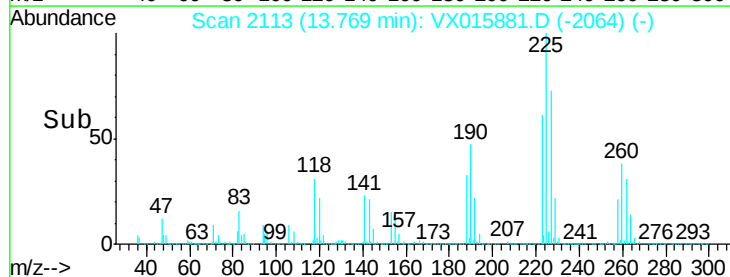
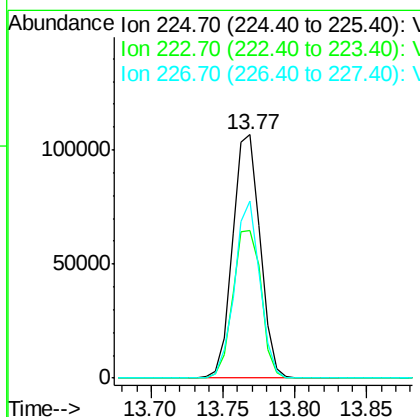
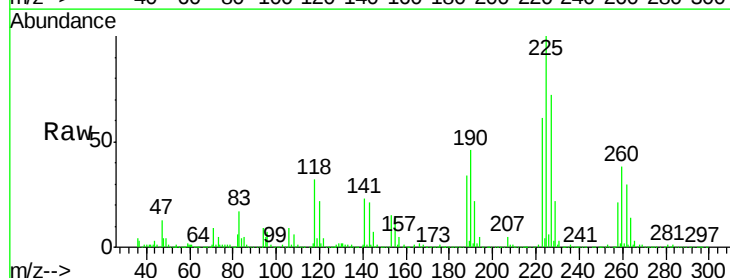
Manual Integrations
APPROVED

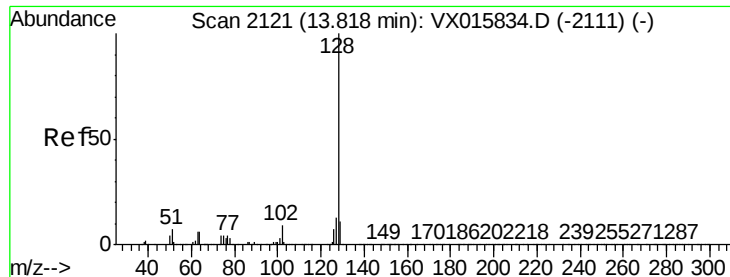
MMDadoda
4/24/2020 11:06:28 AM



#94
Hexachlorobutadiene
Concen: 19.842 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143022		
223	62.9	31.3	93.8	
227	67.3	32.6	97.8	





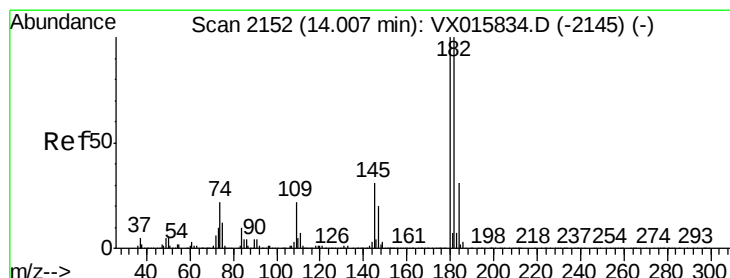
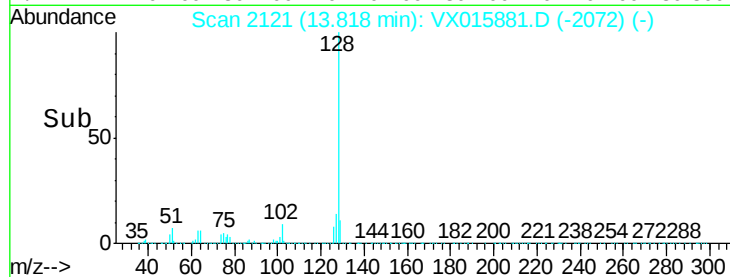
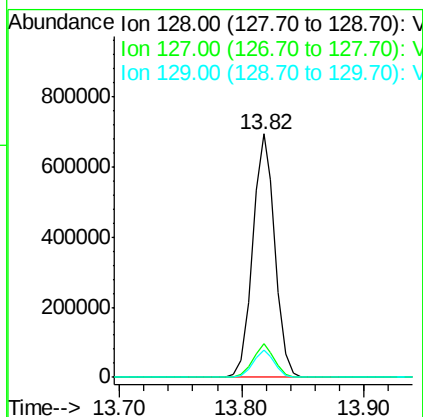
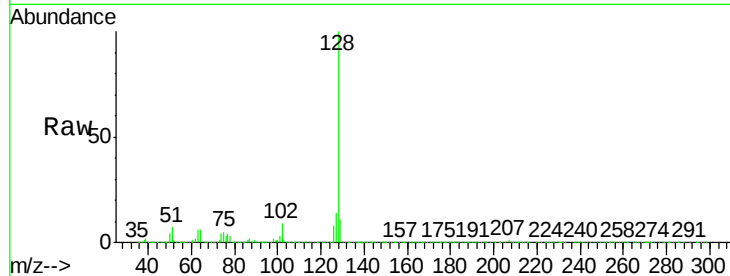
#95
Naphthalene
Concen: 18.992 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.320 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.9	143.7
145	31.4	15.2	45.5

