

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013403.D
 Acq On : 13 Nov 2019 13:34
 Operator : JC/SP
 Sample : VX1113WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 9:37:16 AM

Quant Time: Nov 14 04:51:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	722997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1091481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	965029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	411309	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	337426	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.71	98	1300466	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	457955	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	155583	18.677	ug/l	99
3) Chloromethane	1.31	50	171395	18.973	ug/l	98
4) Vinyl Chloride	1.40	62	200882	19.532	ug/l	100
5) Bromomethane	1.63	94	117781	16.434	ug/l	97
6) Chloroethane	1.72	64	112482	18.379	ug/l	100
7) Trichlorofluoromethane	1.92	101	217472	17.898	ug/l	100
8) Diethyl Ether	2.18	74	98807	18.389	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136892	20.213	ug/l	99
10) Methyl Iodide	2.50	142	159664	19.042	ug/l	97
11) Tert butyl alcohol	3.02	59	186060	82.416	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132955	20.048	ug/l	97
13) Acrolein	2.28	56	118997	97.256	ug/l	99
14) Allyl chloride	2.72	41	243226	20.185	ug/l	96
15) Acrylonitrile	3.12	53	420383	99.686	ug/l	98
16) Acetone	2.43	43	421823	98.735	ug/l	99
17) Carbon Disulfide	2.56	76	341787	19.255	ug/l	99
18) Methyl Acetate	2.76	43	240427	20.384	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	461082	20.845	ug/l	98
20) Methylene Chloride	2.84	84	155352	19.681	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	143295	19.844	ug/l	98
22) Diisopropyl ether	3.84	45	490340	21.077	ug/l	89
23) Vinyl Acetate	3.80	43	2024091	101.678	ug/l	99
24) 1,1-Dichloroethane	3.69	63	267564	20.560	ug/l	98
25) 2-Butanone	4.65	43	616562	98.374	ug/l	100
26) 2,2-Dichloropropane	4.57	77	217602	21.018	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	168085	20.780	ug/l	100
28) Bromochloromethane	5.01	49	65696	17.779	ug/l	97
29) Tetrahydrofuran	5.11	42	371927	96.297	ug/l	98
30) Chloroform	5.20	83	263116	20.475	ug/l	99
31) Cyclohexane	5.57	56	237644	20.294	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	223858	20.242	ug/l	99
36) 1,1-Dichloropropene	5.79	75	195412	20.869	ug/l	99
37) Ethyl Acetate	4.82	43	220982	19.099	ug/l	99
38) Carbon Tetrachloride	5.77	117	187136	20.438	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013403.D
 Acq On : 13 Nov 2019 13:34
 Operator : JC/SP
 Sample : VX1113WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1113WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 9:37:16 AM

Quant Time: Nov 14 04:51:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	237510	20.357	ug/l	98
40) Benzene	6.13	78	600453	20.587	ug/l	99
41) Methacrylonitrile	5.03	41	127380	19.642	ug/l	98
42) 1,2-Dichloroethane	6.18	62	213669	20.309	ug/l	99
43) Isopropyl Acetate	6.43	43	363515	20.176	ug/l	99
44) Trichloroethene	7.20	130	161884	20.163	ug/l	97
45) 1,2-Dichloropropane	7.51	63	154213	20.751	ug/l	96
46) Dibromomethane	7.65	93	102781	20.256	ug/l	97
47) Bromodichloromethane	7.89	83	199291	20.828	ug/l	95
48) Methyl methacrylate	7.76	41	184971	20.567	ug/l	98
49) 1,4-Dioxane	7.73	88	77160	374.629	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1164015	98.473	ug/l	99
52) Toluene	8.78	92	379212	20.977	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	216818	20.723	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	247014	21.105	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	158501	21.153	ug/l	99
56) Ethyl methacrylate	9.17	69	242888	19.957	ug/l	97
57) 1,3-Dichloropropane	9.37	76	261279	20.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	502564	98.093	ug/l	100
59) 2-Hexanone	9.48	43	906631	99.251	ug/l	98
60) Dibromochloromethane	9.57	129	161951	21.133	ug/l	96
61) 1,2-Dibromoethane	9.67	107	162655	20.443	ug/l	99
64) Tetrachloroethene	9.33	164	144353	20.895	ug/l	97
65) Chlorobenzene	10.14	112	405181	20.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146911	20.479	ug/l	98
67) Ethyl Benzene	10.25	91	712840	21.140	ug/l	100
68) m/p-Xylenes	10.35	106	536286	42.054	ug/l	99
69) o-Xylene	10.70	106	265025	21.227	ug/l	99
70) Styrene	10.71	104	441531	21.156	ug/l	99
71) Bromoform	10.85	173	120388	20.143	ug/l #	97
73) Isopropylbenzene	11.01	105	706272	22.202	ug/l	100
74) N-amyl acetate	10.89	43	318812	21.612	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	245304	21.138	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	229341m	23.534	ug/l	
77) Bromobenzene	11.25	156	182469	21.517	ug/l	98
78) n-propylbenzene	11.35	91	784276	22.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	465727	21.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	587711	22.181	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73307	19.363	ug/l	97
82) 4-Chlorotoluene	11.51	91	533929	21.364	ug/l	99
83) tert-Butylbenzene	11.76	119	596794	22.375	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	586014	22.047	ug/l	99
85) sec-Butylbenzene	11.94	105	679480	22.166	ug/l	100
86) p-Isopropyltoluene	12.06	119	624632	22.128	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	319280	21.122	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	317933	20.643	ug/l	99
89) n-Butylbenzene	12.38	91	519179	21.079	ug/l	100
90) Hexachloroethane	12.59	117	108153	21.504	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	322052	21.314	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52045	18.408	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
Data File : VX013403.D
Acq On : 13 Nov 2019 13:34
Operator : JC/SP
Sample : VX1113WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

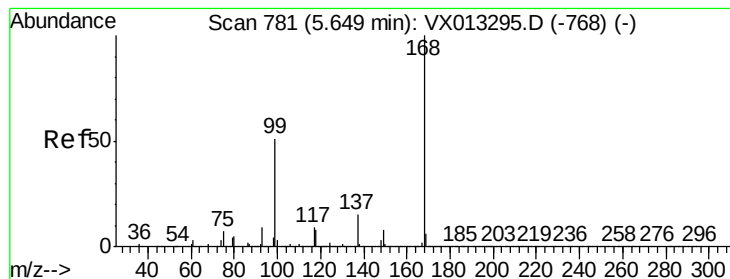
Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM

Quant Time: Nov 14 04:51:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	215134	20.411	ug/l	98
94) Hexachlorobutadiene	13.77	225	106859	20.723	ug/l	99
95) Naphthalene	13.83	128	662350	20.029	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	215569	20.394	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion:168 Resp: 722997

Ion Ratio Lower Upper

168 100

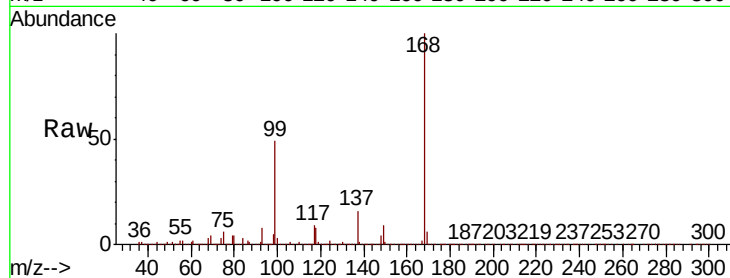
99 49.2 40.8 61.2

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

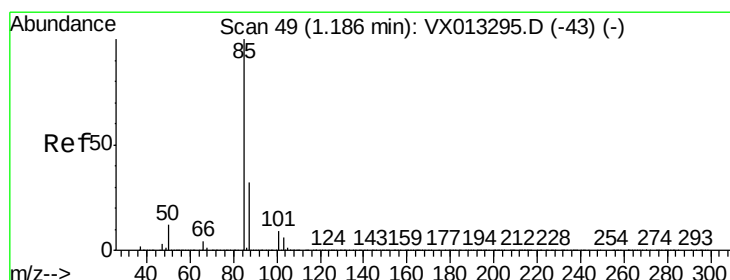
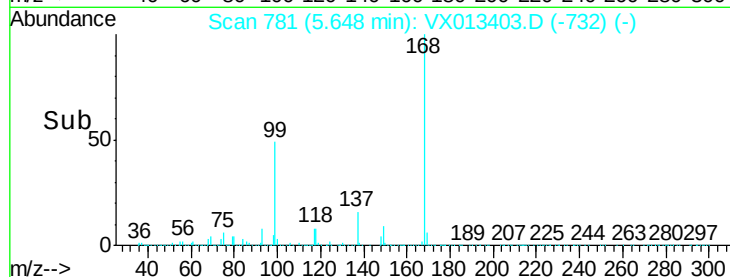
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.677 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013403.D

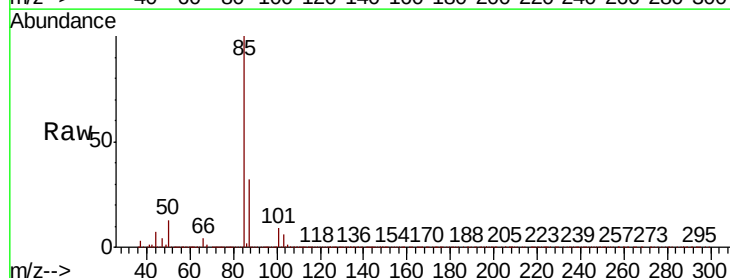
Acq: 13 Nov 2019 13:34

Tgt Ion: 85 Resp: 155583

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

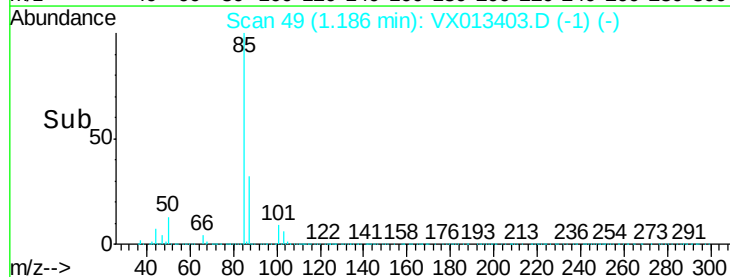
150000

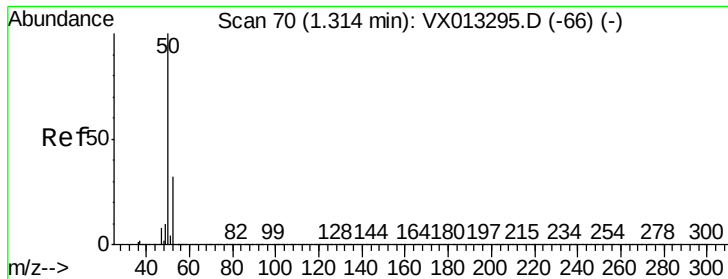
100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.973 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 50 Resp: 171395

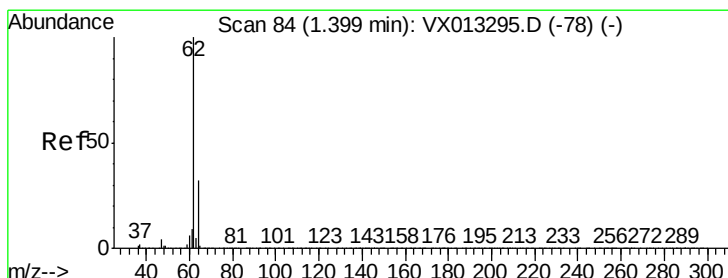
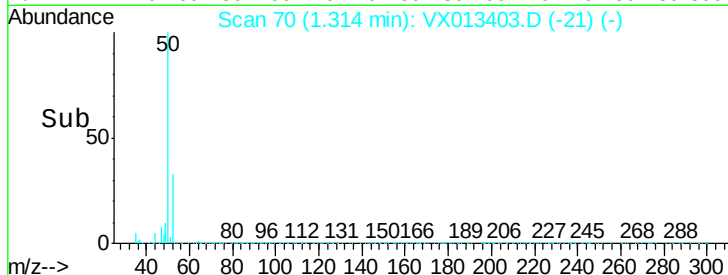
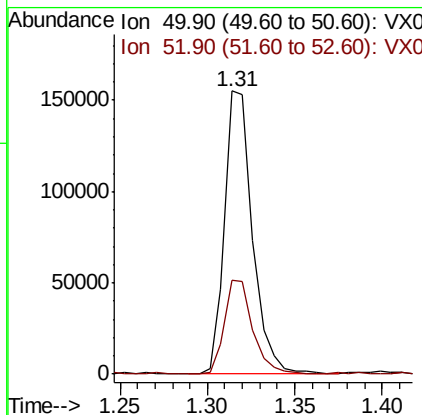
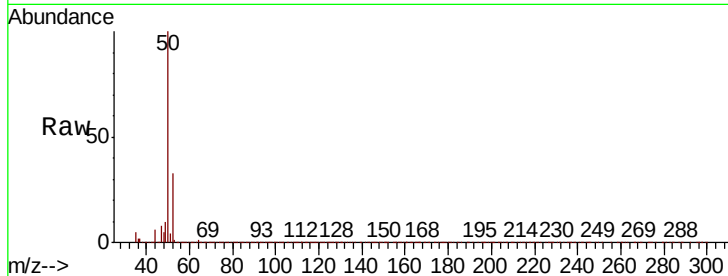
Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#4

Vinyl Chloride

Concen: 19.532 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013403.D

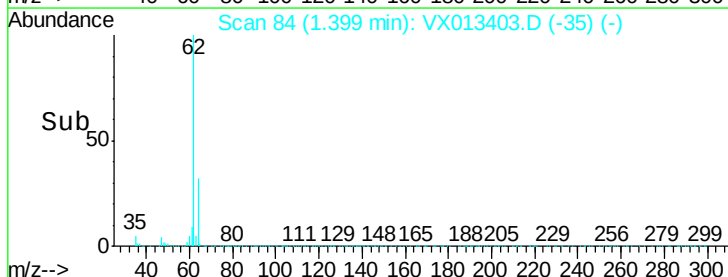
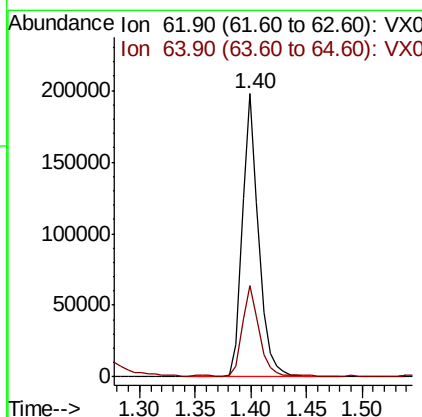
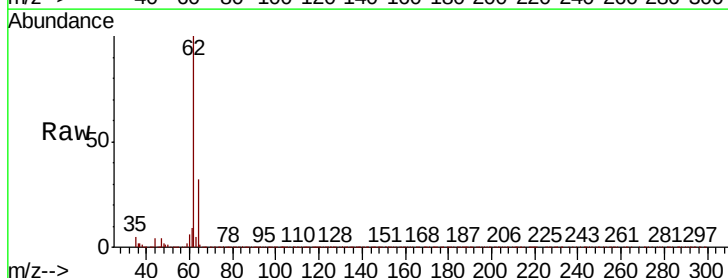
Acq: 13 Nov 2019 13:34

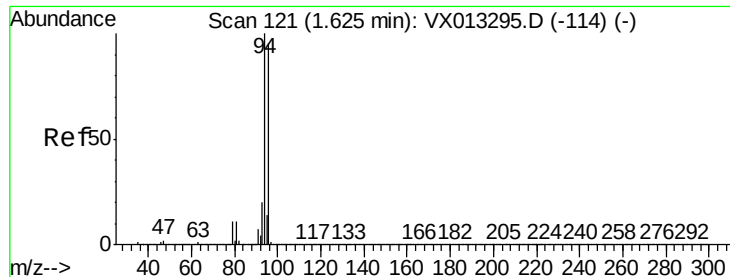
Tgt Ion: 62 Resp: 200882

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 16.434 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 94 Resp: 117781

Ion Ratio Lower Upper

94 100

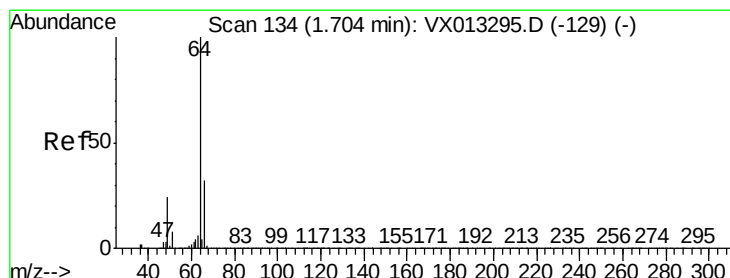
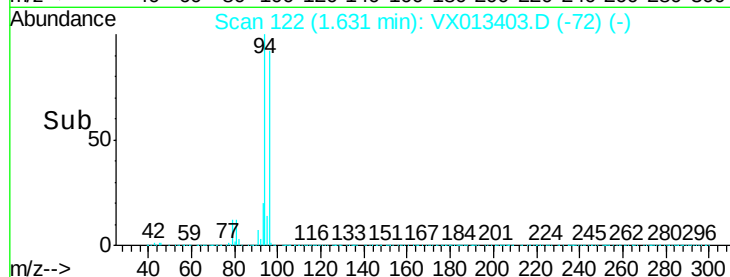
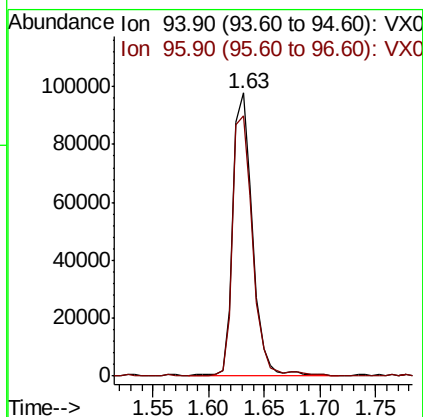
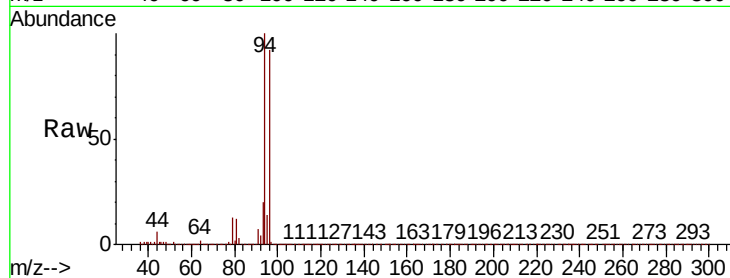
96 91.9 75.8 113.8

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



#6

Chloroethane

Concen: 18.379 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013403.D

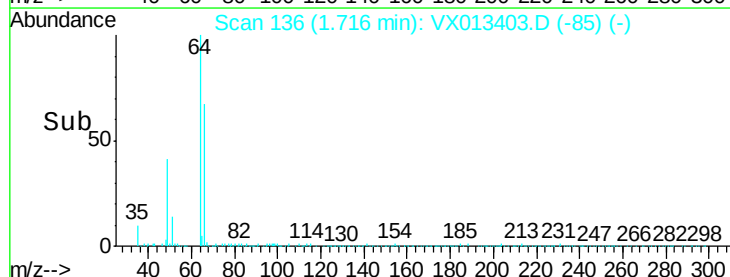
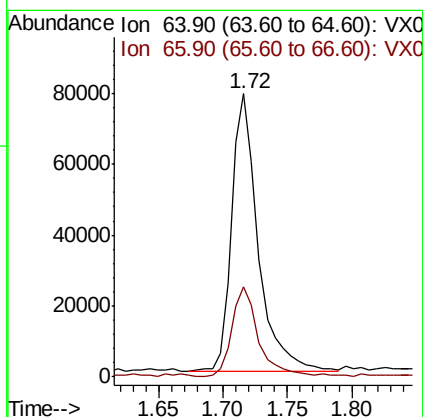
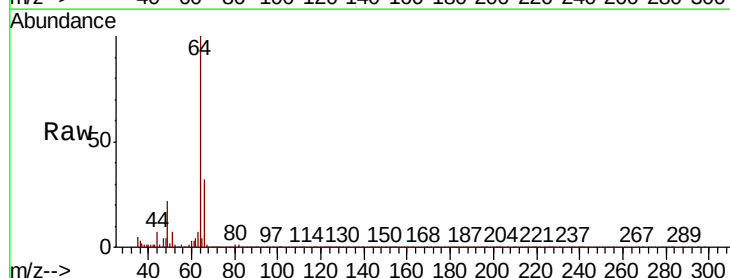
Acq: 13 Nov 2019 13:34

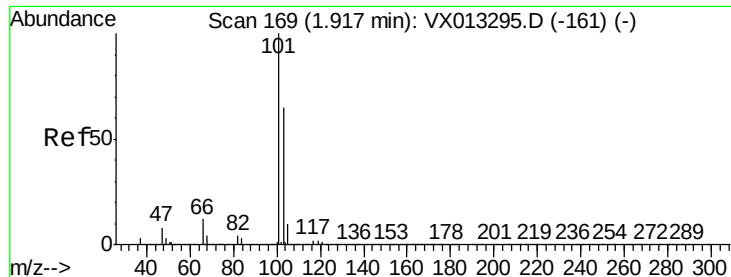
Tgt Ion: 64 Resp: 112482

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4





#7

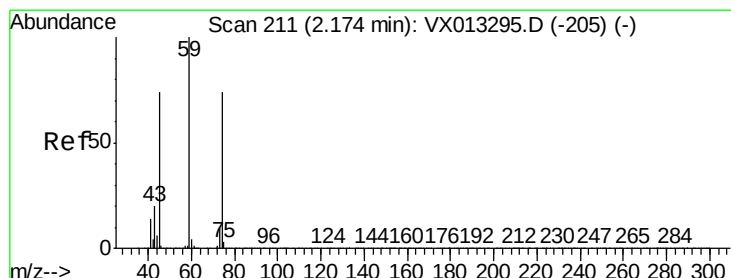
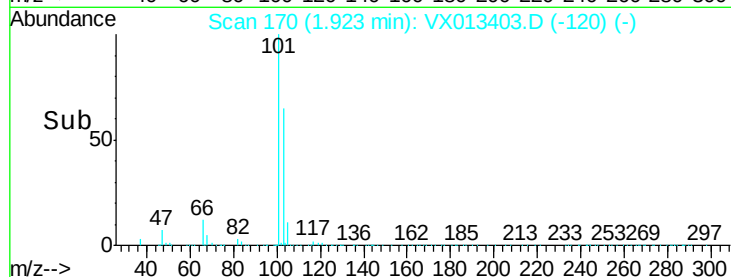
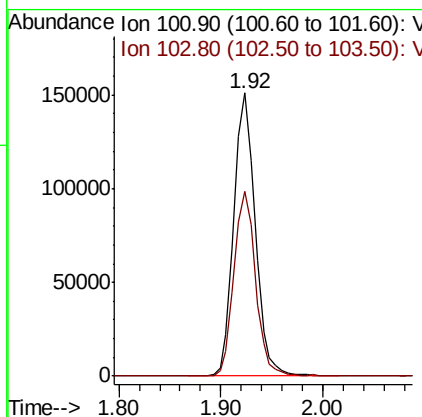
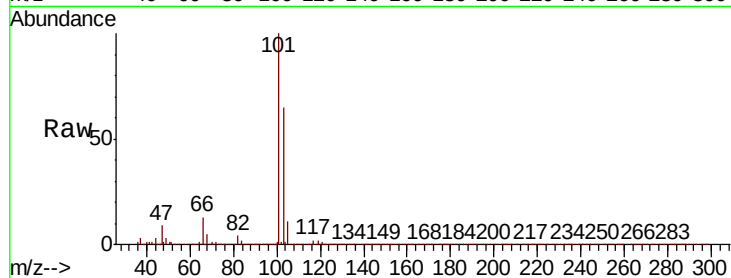
Trichlorofluoromethane
Concen: 17.898 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		217472		
103	65.5	52.3	78.5		

Manual Integrations
APPROVED

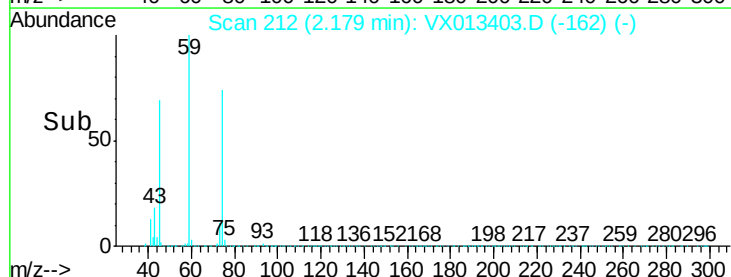
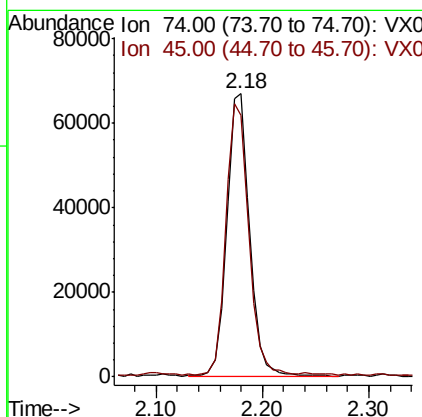
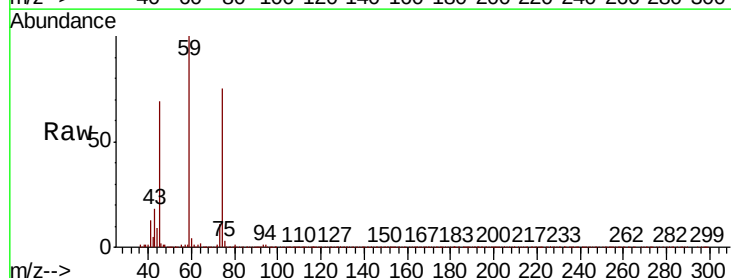
MMDadoda
11/14/2019 9:37:16 AM

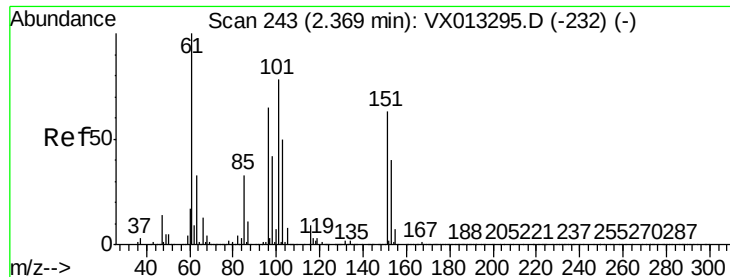


#8

Diethyl Ether
Concen: 18.389 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		98807		
45	97.3	48.5	145.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.213 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

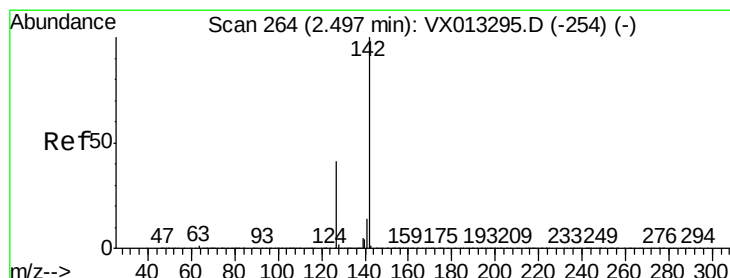
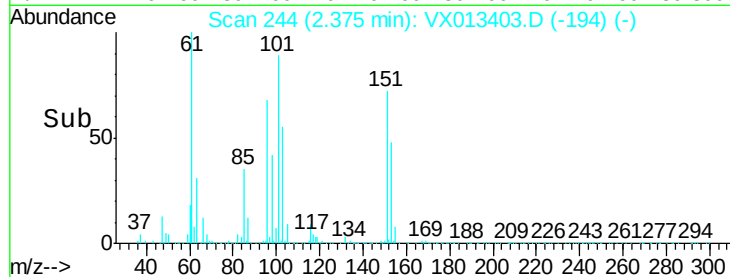
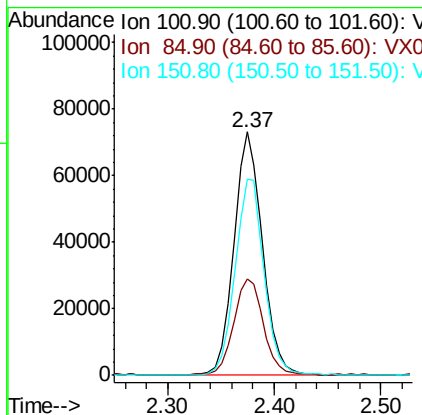
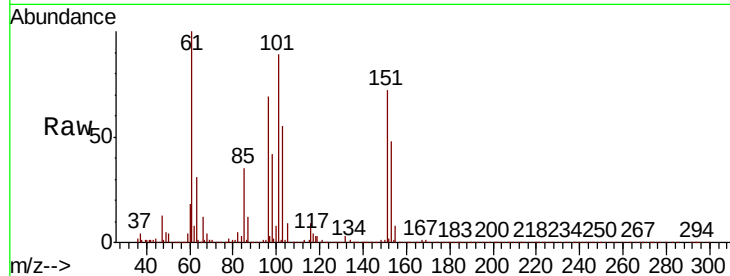
ClientSampleId :

VX1113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	136892		
85	41.1	34.4	51.6	
151	83.2	66.4	99.6	

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#10

Methyl Iodide

Concen: 19.042 ug/l

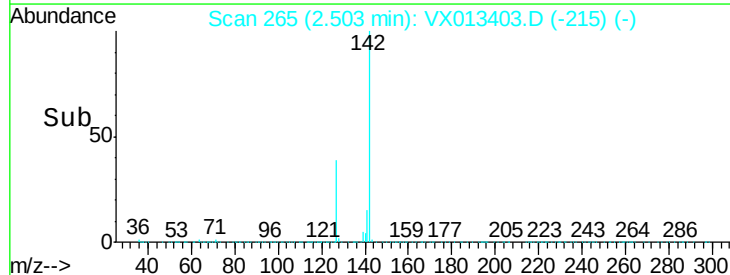
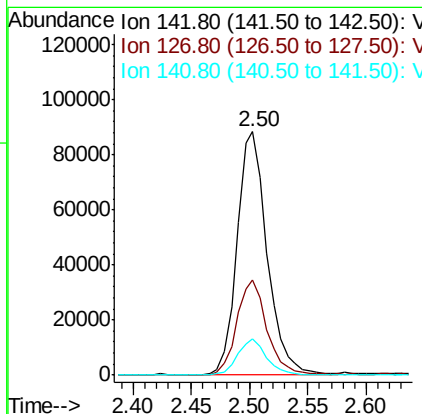
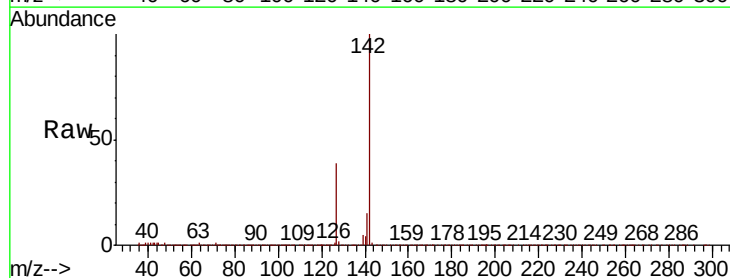
RT: 2.50 min Scan# 265

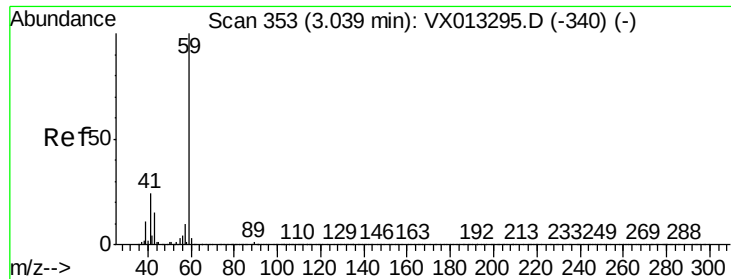
Delta R.T. 0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	159664		
127	38.4	32.6	49.0	
141	14.6	11.6	17.4	





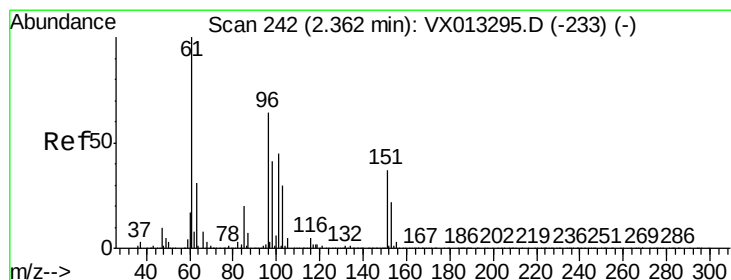
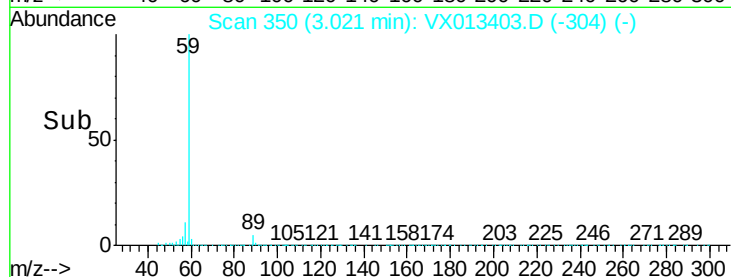
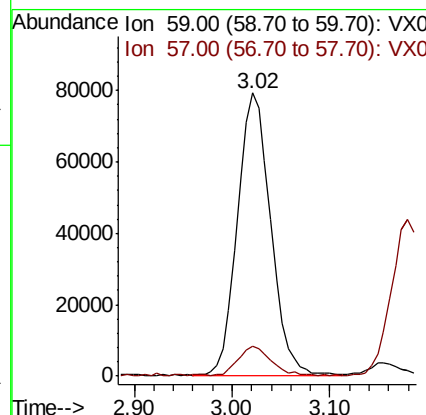
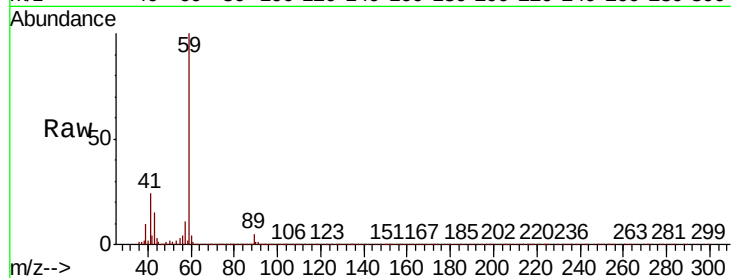
#11
Tert butyl alcohol
Concen: 82.416 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.0	12.0

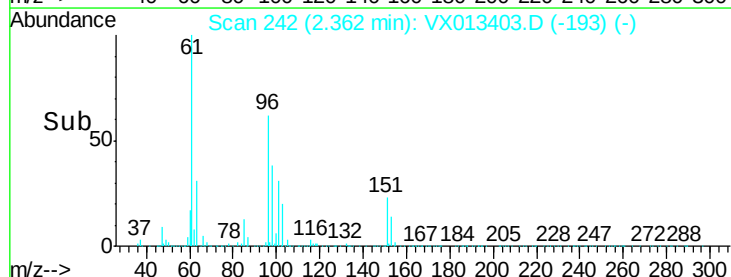
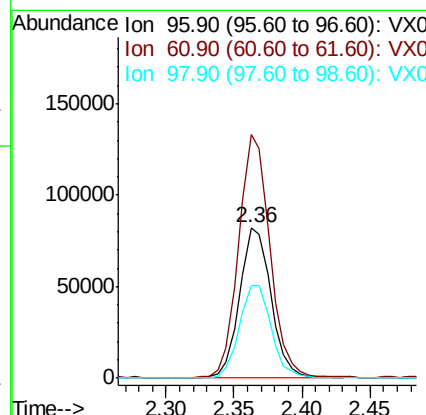
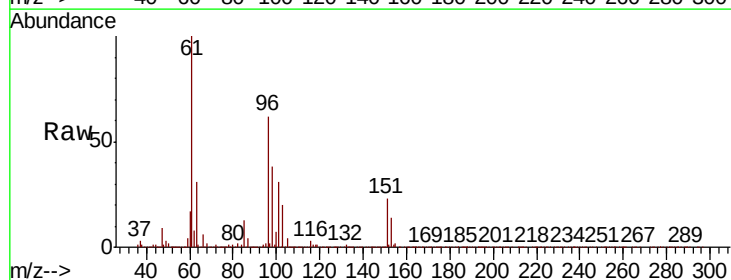
Manual Integrations
APPROVED

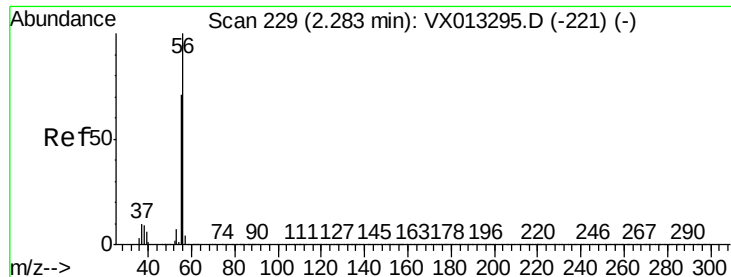
MMDadoda
11/14/2019 9:37:16 AM



#12
1,1-Dichloroethene
Concen: 20.048 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	125.0	187.6
98	61.6	50.7	76.1





#13

Acrolein

Concen: 97.256 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 56 Resp: 118997

Ion Ratio Lower Upper

56 100

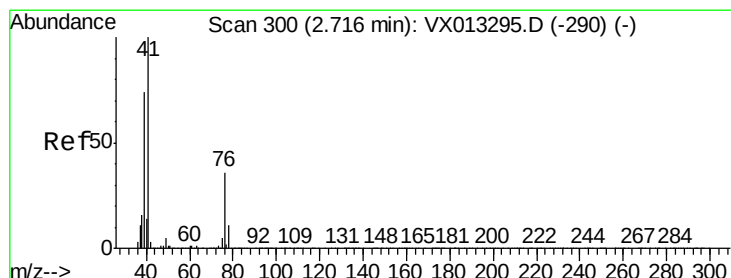
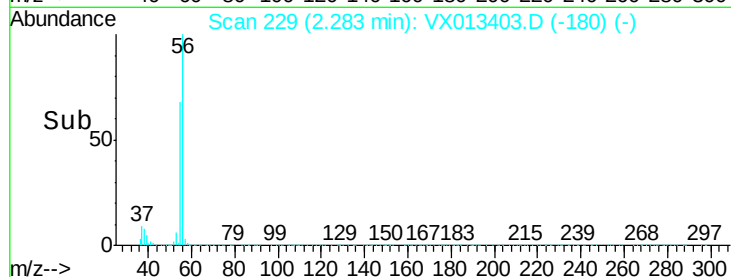
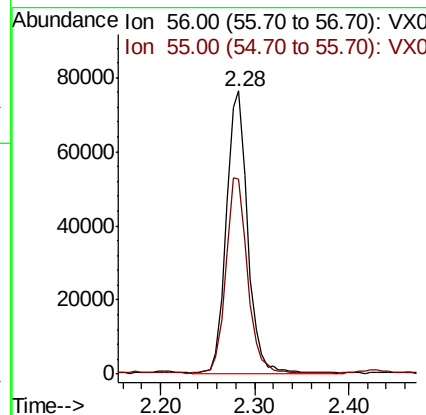
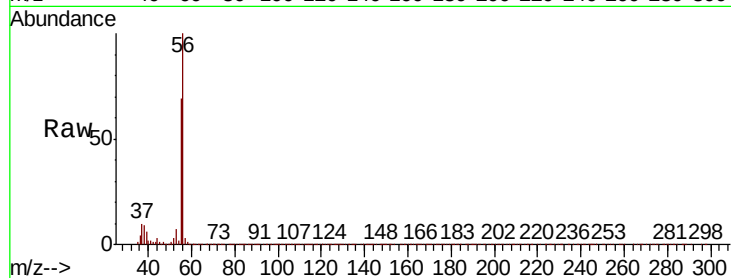
55 72.9 57.4 86.0

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



#14

Allyl chloride

Concen: 20.185 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

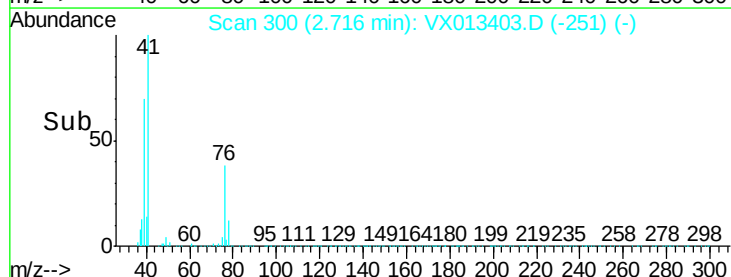
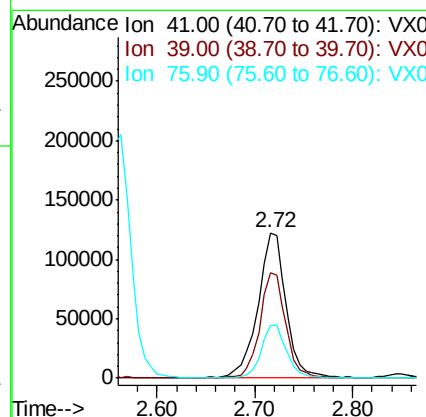
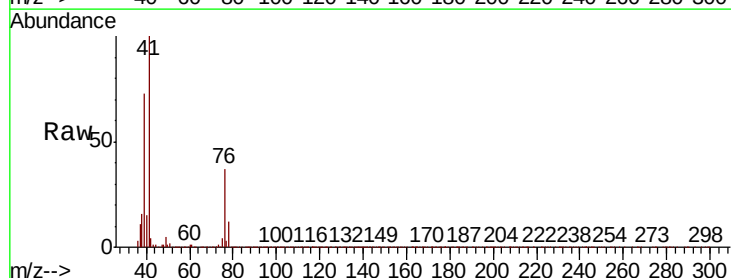
Tgt Ion: 41 Resp: 243226

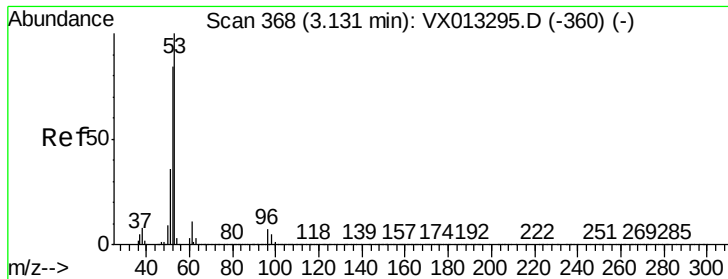
Ion Ratio Lower Upper

41 100

39 65.6 55.8 83.8

76 32.6 26.4 39.6





#15

Acrylonitrile

Concen: 99.686 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

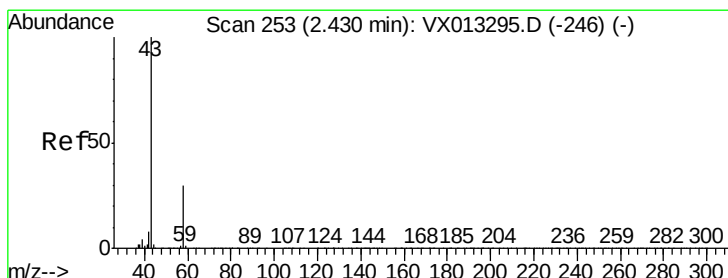
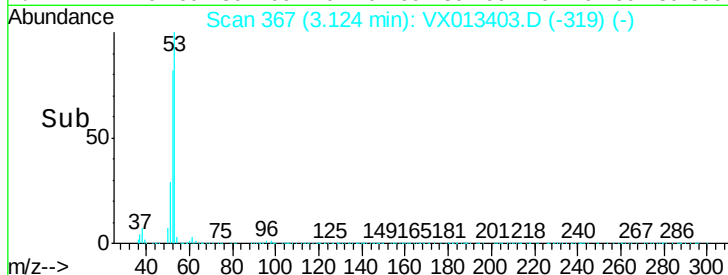
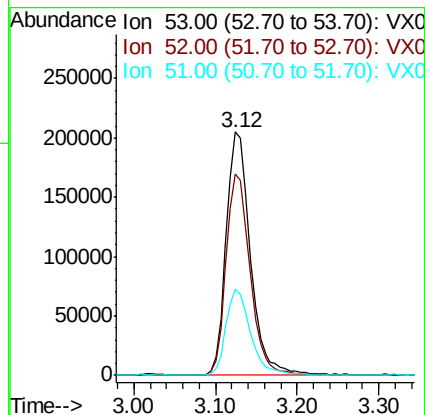
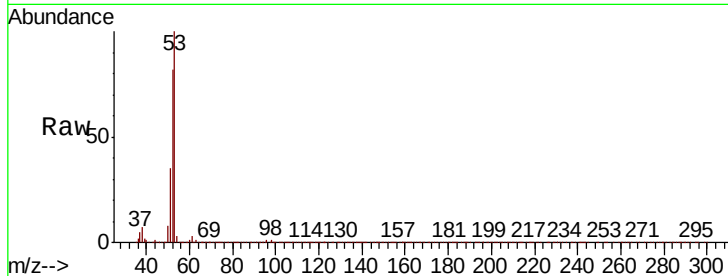
ClientSampleId :

VX1113WBSD01

Tot Ion:	53	Resp:	420383
Ion Ratio		Lower	Upper
53	100		
52	82.5	67.4	101.0
51	35.4	29.4	44.2

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#16

Acetone

Concen: 98.735 ug/l

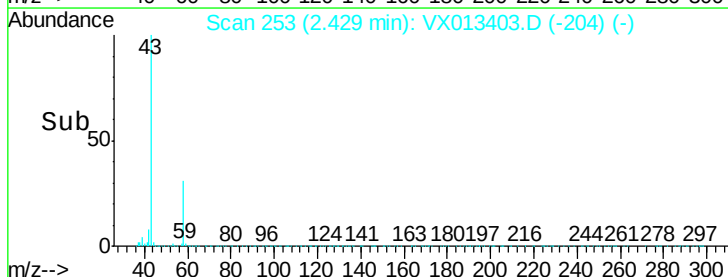
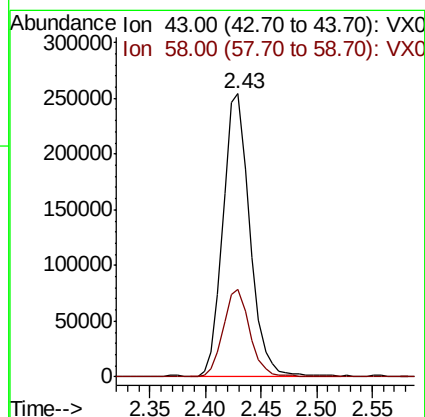
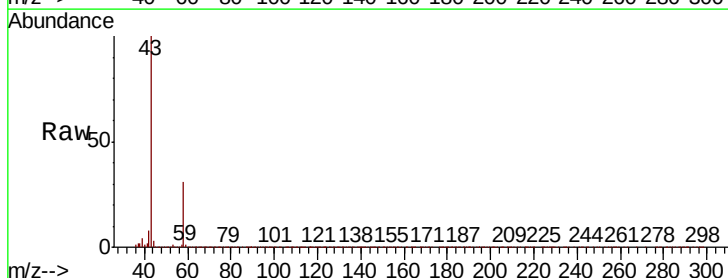
RT: 2.43 min Scan# 253

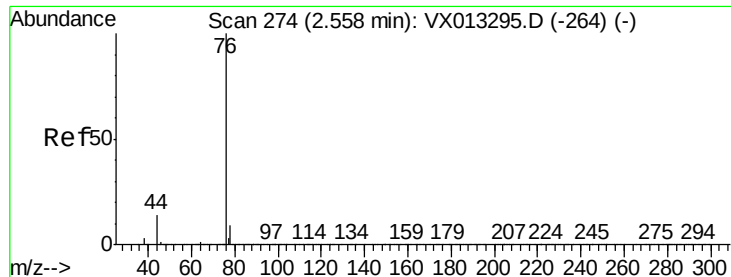
Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion:	43	Resp:	421823
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.3	36.5





#17

Carbon Disulfide

Concen: 19.255 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 76 Resp: 341787

Ion Ratio Lower Upper

76 100

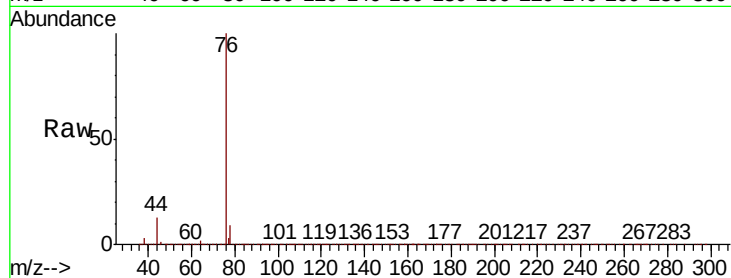
78 8.3 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

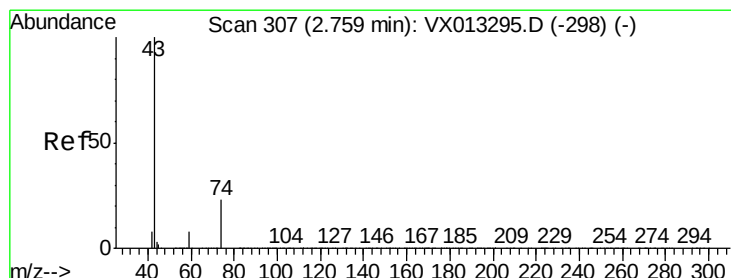
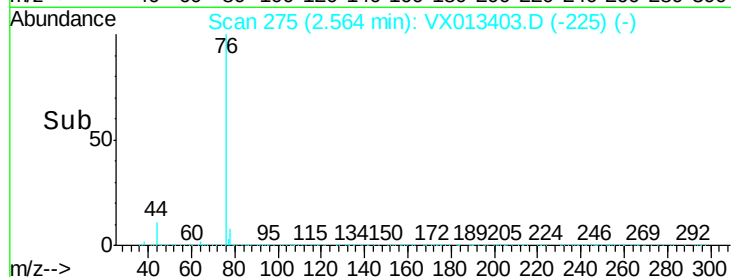
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.384 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013403.D

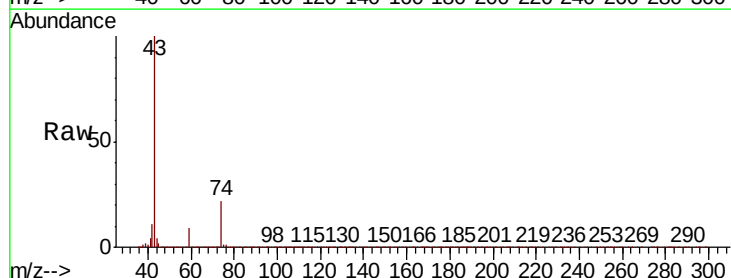
Acq: 13 Nov 2019 13:34

Tgt Ion: 43 Resp: 240427

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

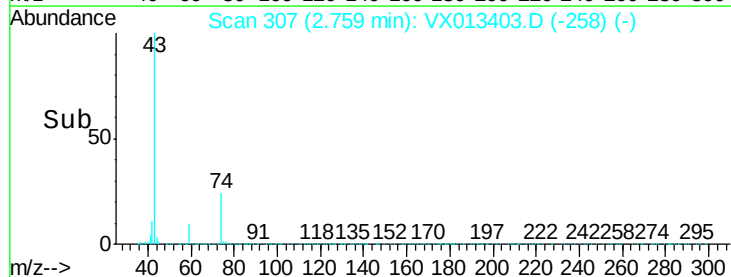
150000

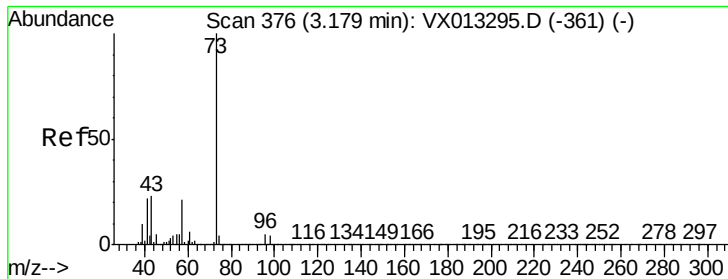
100000

50000

0

Time-->





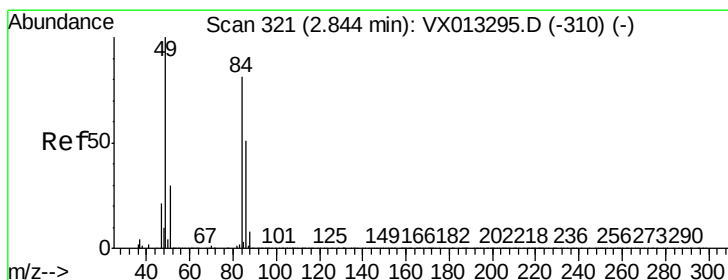
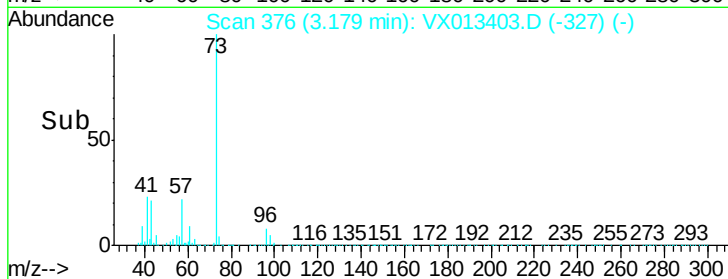
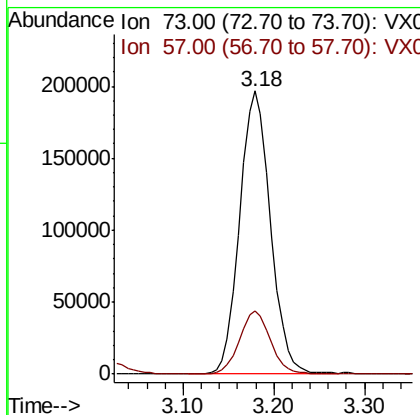
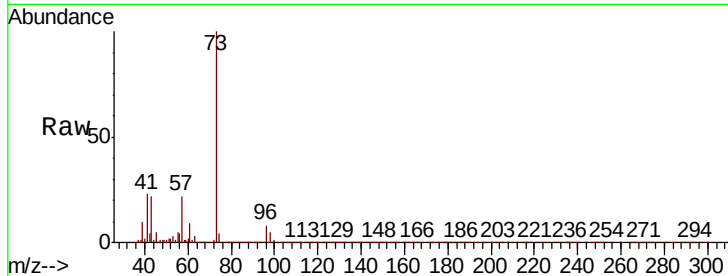
#19
Methyl tert-butyl Ether
Concen: 20.845 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	73	Resp	461082
Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.1	25.7

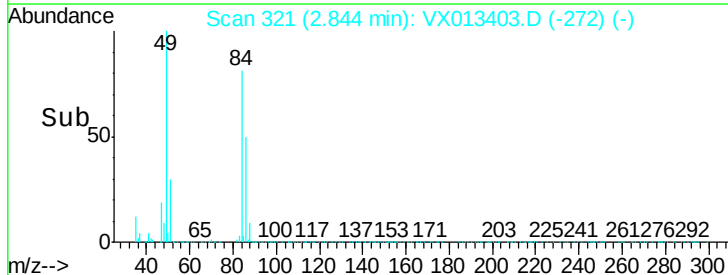
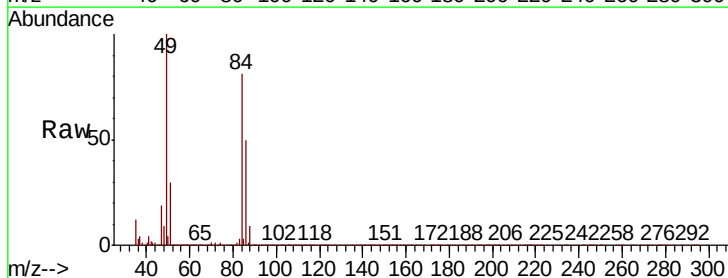
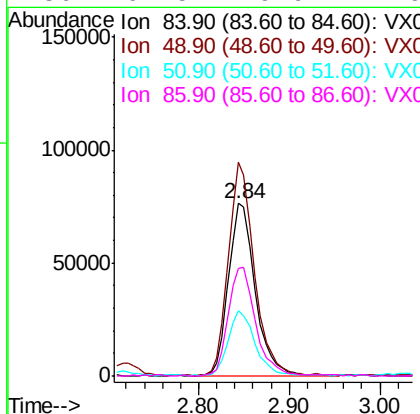
Manual Integrations
APPROVED

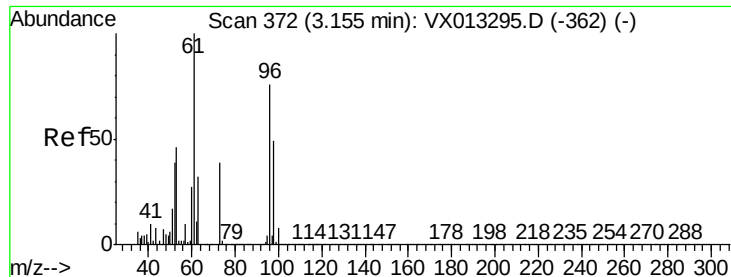
MMDadoda
11/14/2019 9:37:16 AM



#20
Methylene Chloride
Concen: 19.681 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	84	Resp	155352
Ion	Ratio	Lower	Upper
84	100		
49	123.5	98.2	147.4
51	37.4	29.9	44.9
86	62.5	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.844 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 96 Resp: 143295

Ion Ratio Lower Upper

96 100

61 136.0 105.8 158.6

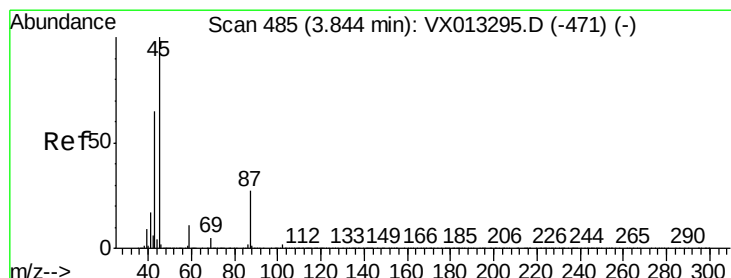
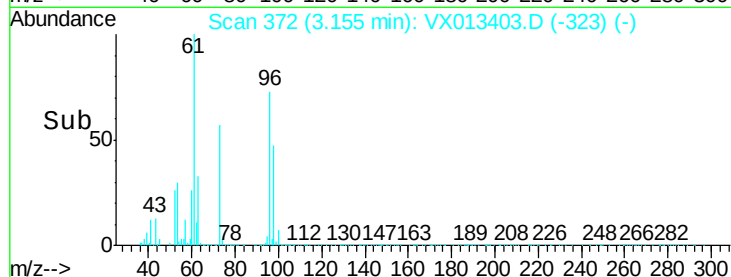
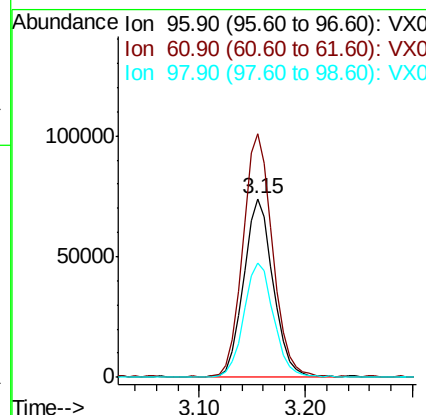
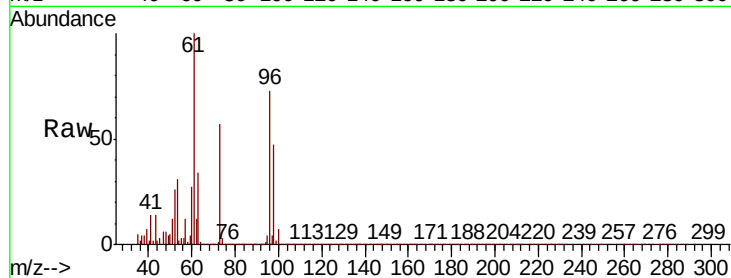
98 64.0 51.8 77.6

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



#22

Diisopropyl ether

Concen: 21.077 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion: 45 Resp: 490340

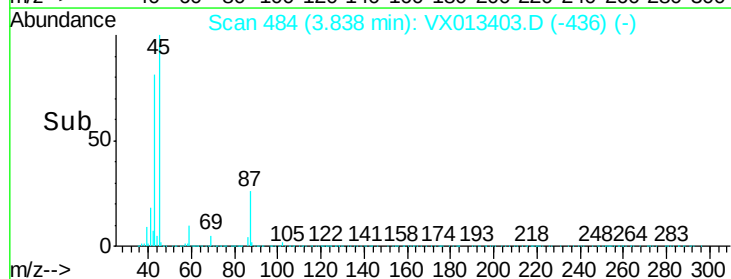
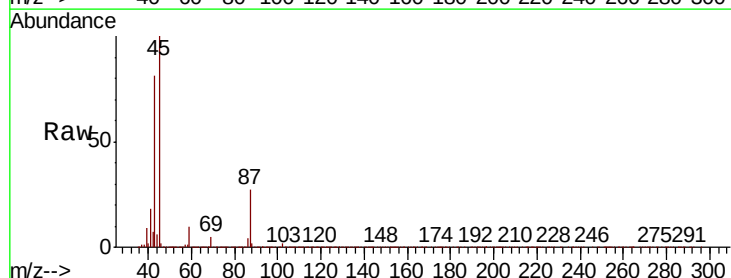
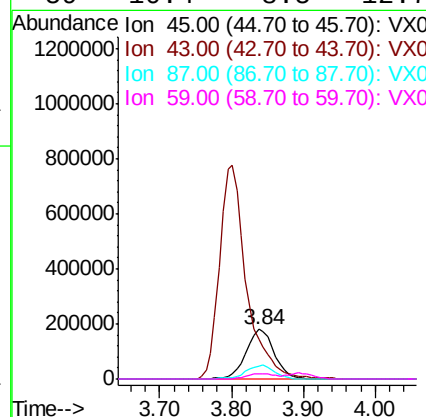
Ion Ratio Lower Upper

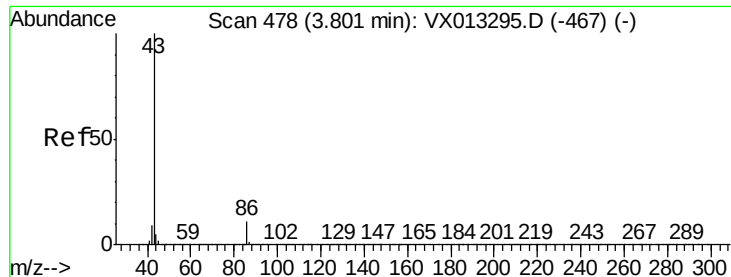
45 100

43 80.8 54.2 81.2

87 26.4 21.8 32.8

59 10.4 8.5 12.7





#23

Vinyl Acetate

Concen: 101.678 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 43 Resp: 2024091

Ion Ratio Lower Upper

43 100

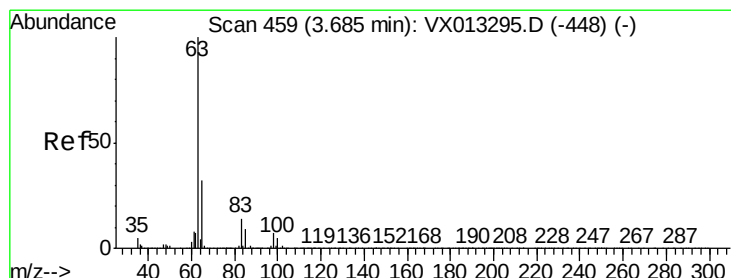
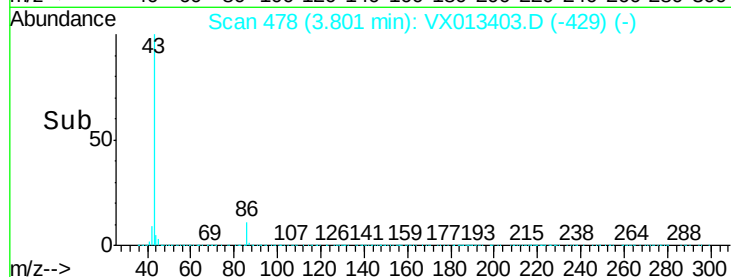
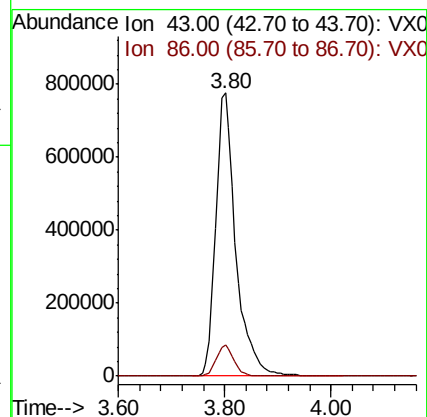
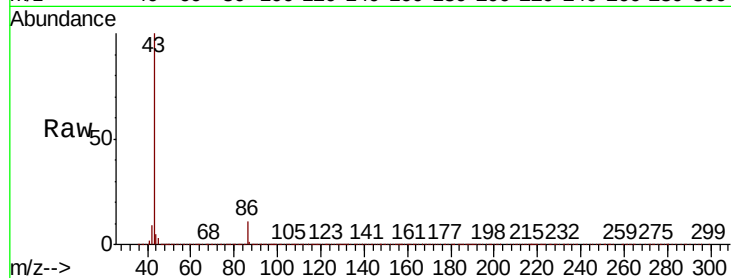
86 11.0 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



#24

1,1-Dichloroethane

Concen: 20.560 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

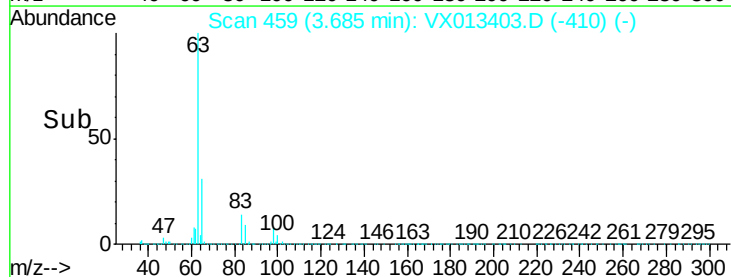
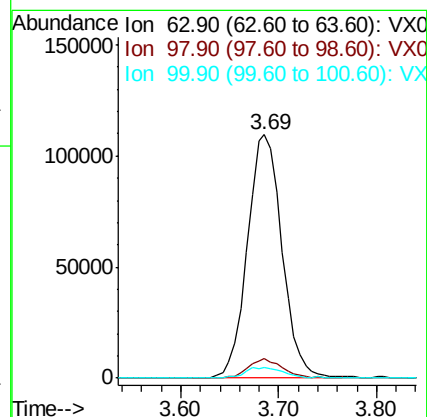
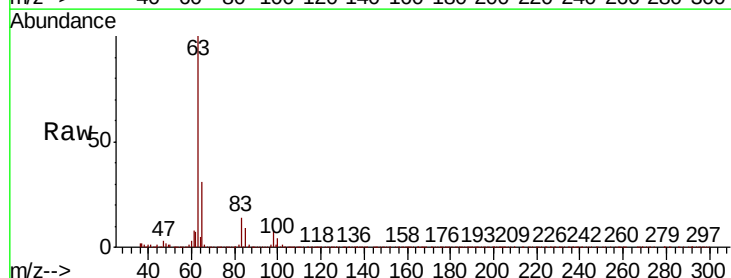
Tgt Ion: 63 Resp: 267564

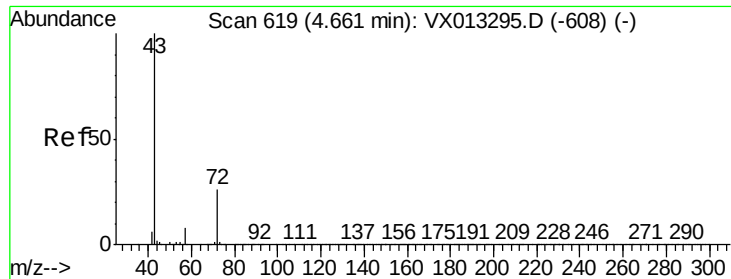
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 98.374 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 43 Resp: 616562

Ion Ratio Lower Upper

43 100

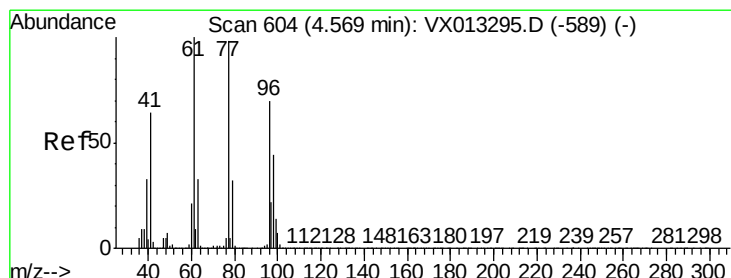
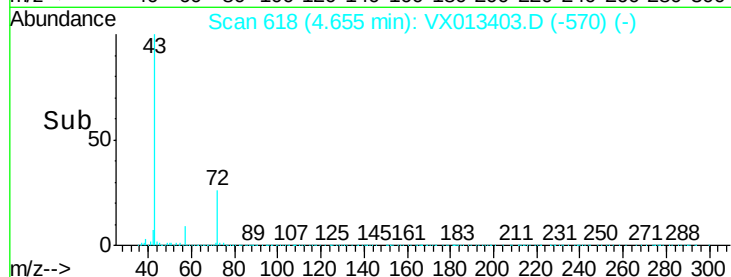
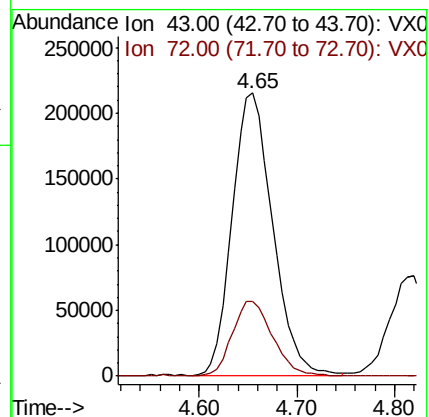
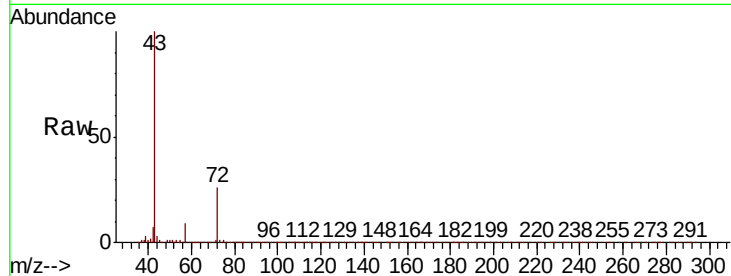
72 26.1 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



#26

2,2-Dichloropropane

Concen: 21.018 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013403.D

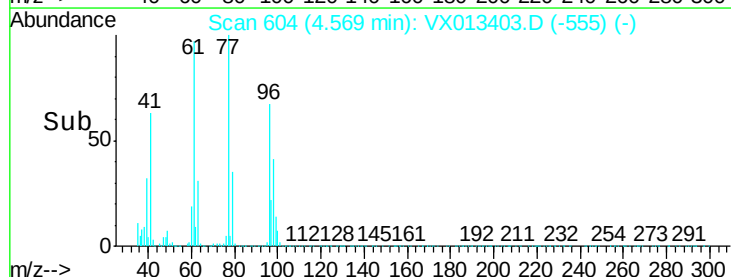
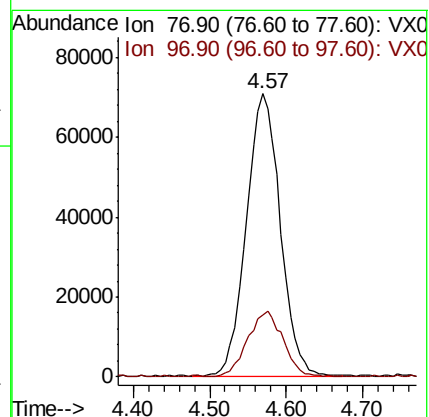
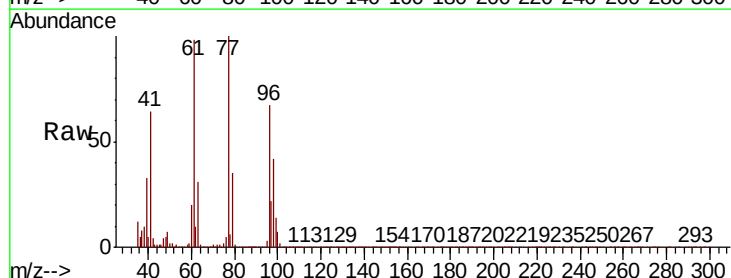
Acq: 13 Nov 2019 13:34

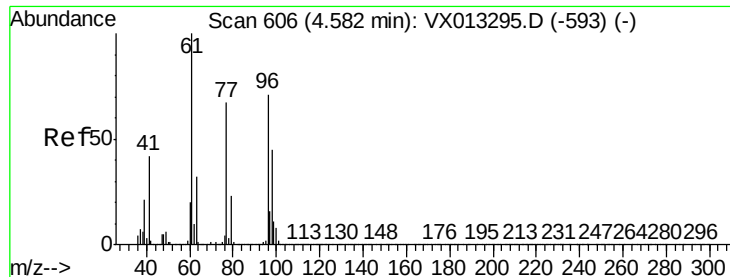
Tgt Ion: 77 Resp: 217602

Ion Ratio Lower Upper

77 100

97 24.5 11.3 33.8





#27

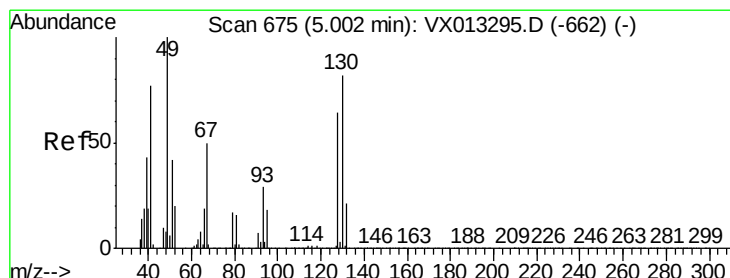
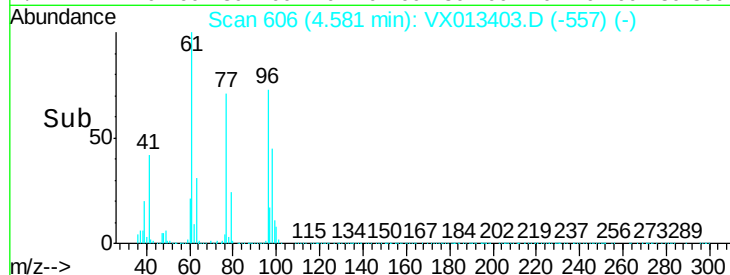
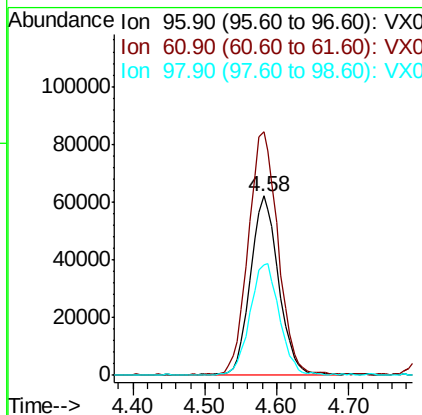
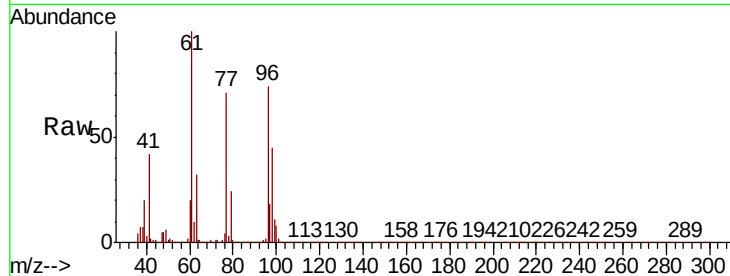
cis-1,2-Dichloroethene
Concen: 20.780 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168085		
61	143.6	0.0	288.0	
98	64.9	0.0	129.6	

Manual Integrations
APPROVED

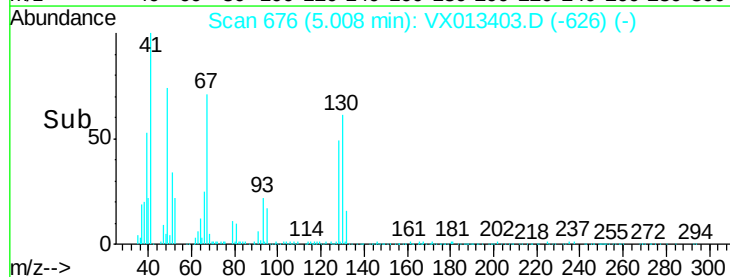
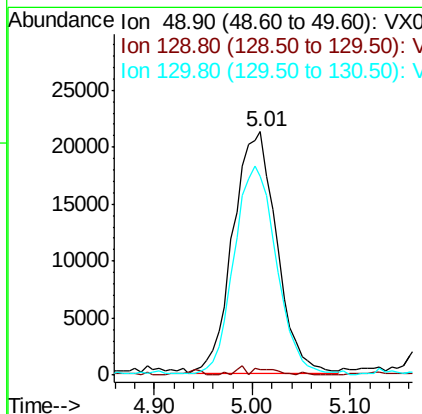
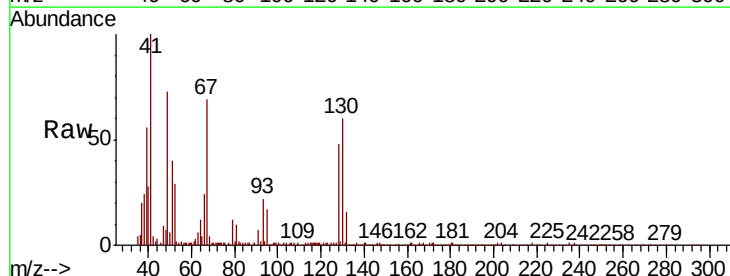
MMDadoda
11/14/2019 9:37:16 AM

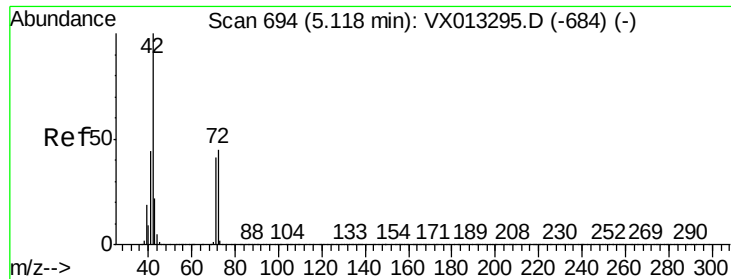


#28

Bromochloromethane
Concen: 17.779 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	65696		
129	1.5	0.0	5.2	
130	82.7	63.8	95.6	





#29

Tetrahydrofuran

Concen: 96.297 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

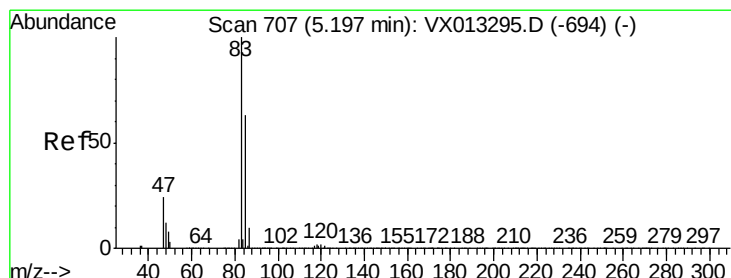
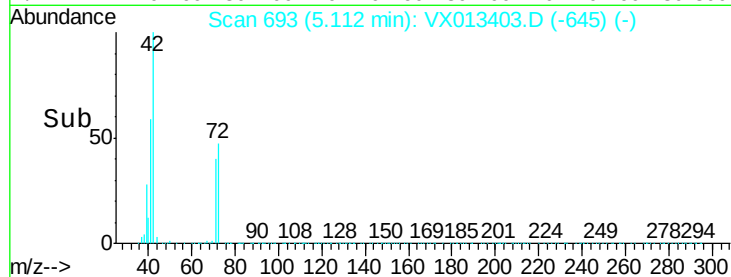
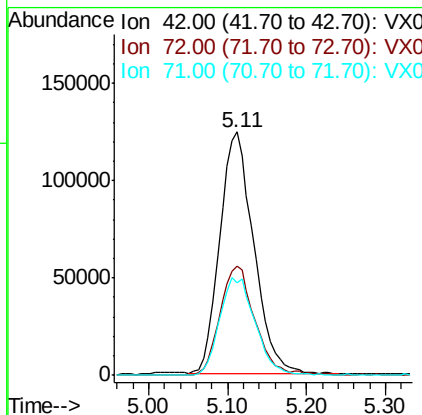
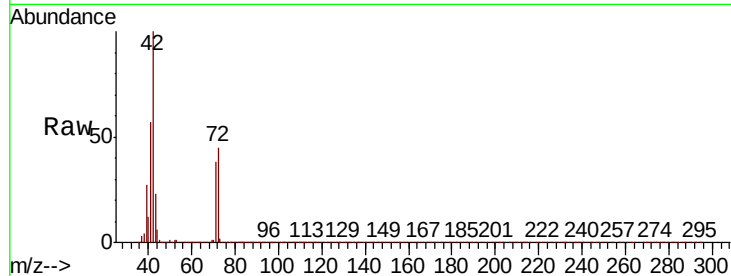
ClientSampleId :

VX1113WBSD01

Tot Ion:	42	Resp:	371927
Ion Ratio		Lower	Upper
42	100		
72	46.4	35.8	53.8
71	42.8	33.4	50.0

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#30

Chloroform

Concen: 20.475 ug/l

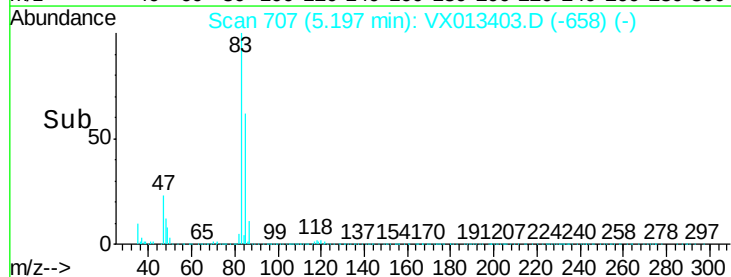
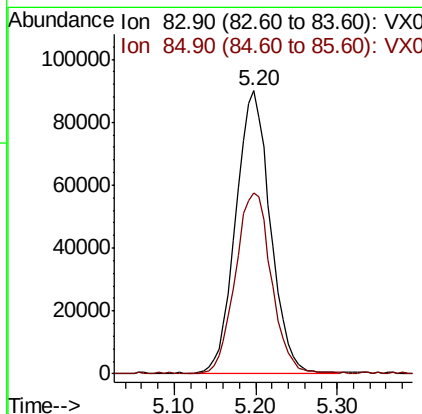
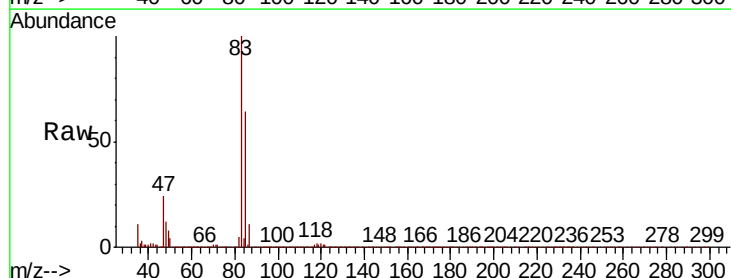
RT: 5.20 min Scan# 707

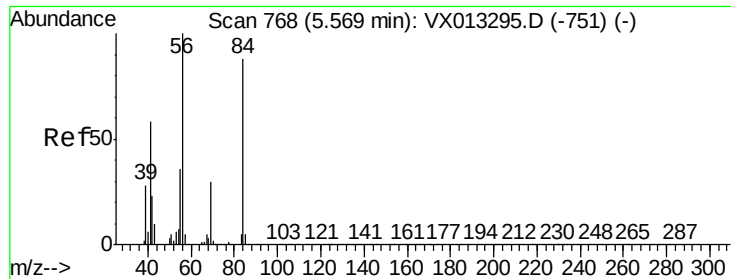
Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion:	83	Resp:	263116
Ion Ratio		Lower	Upper
83	100		
85	63.5	50.2	75.4





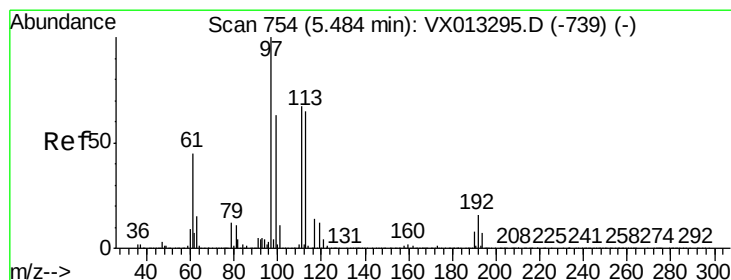
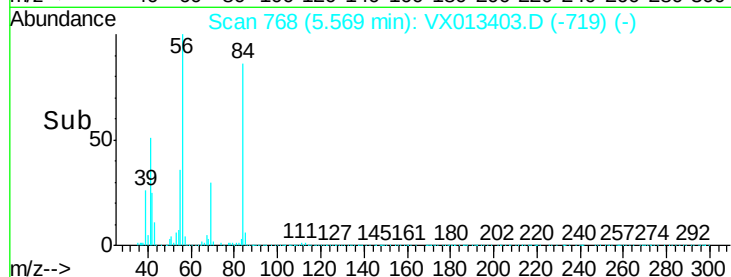
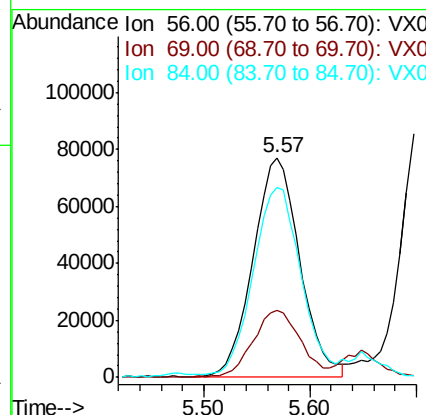
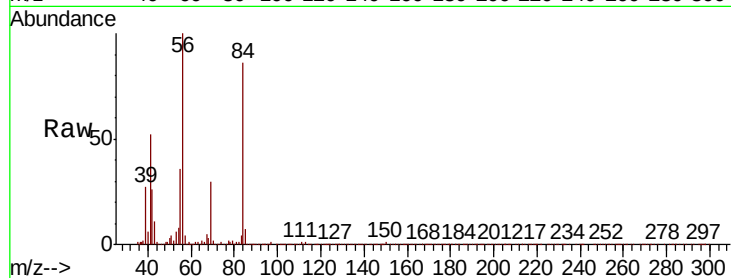
#31
Cyclohexane
Concen: 20.294 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.7	35.5
84	85.2	70.6	105.8

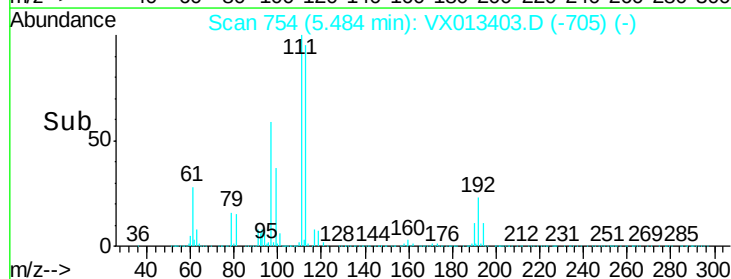
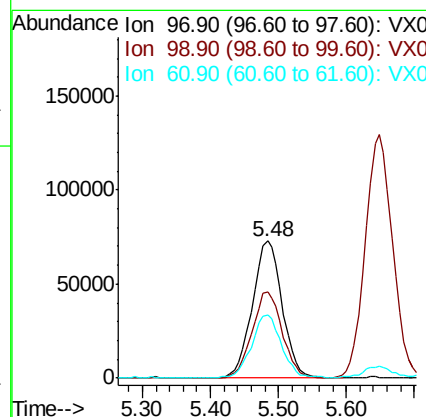
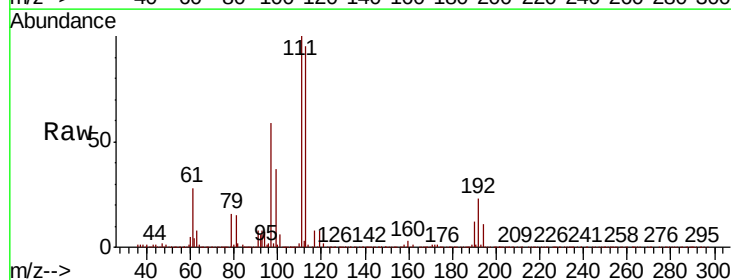
Manual Integrations
APPROVED

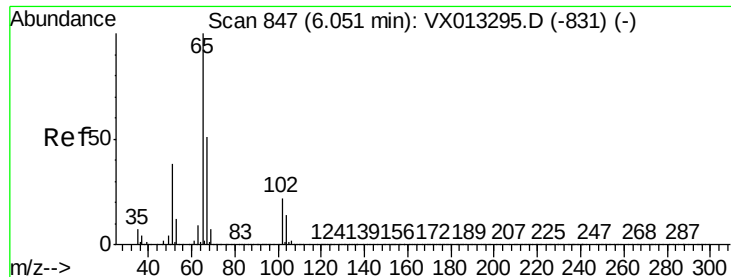
MMDadoda
11/14/2019 9:37:16 AM



#32
1,1,1-Trichloroethane
Concen: 20.242 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.1	76.7
61	44.8	36.5	54.7





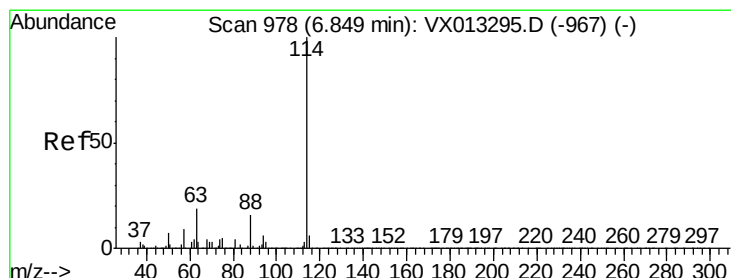
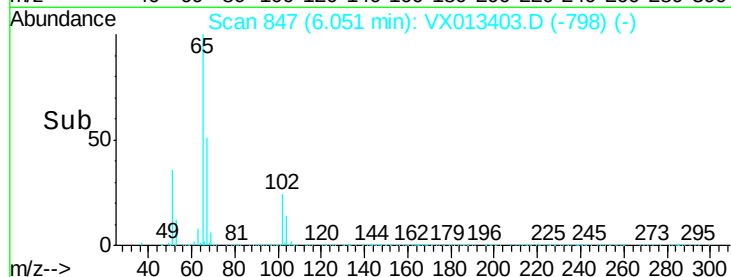
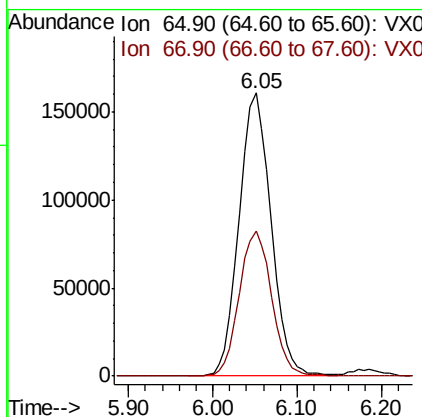
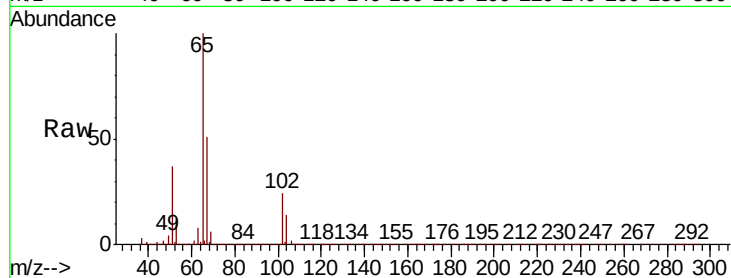
#33
 1,2-Dichloroethane-d4
 Concen: 48.020 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.2

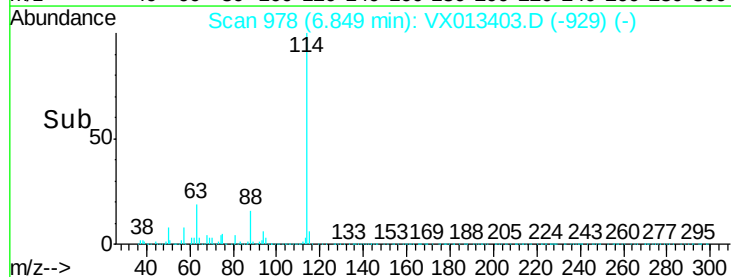
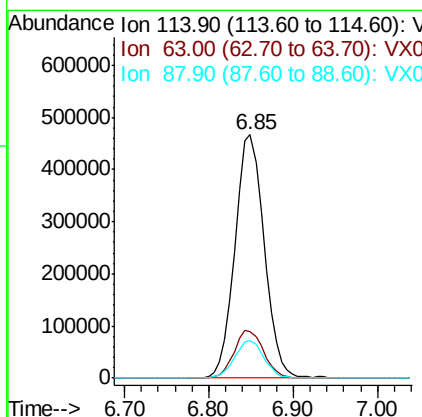
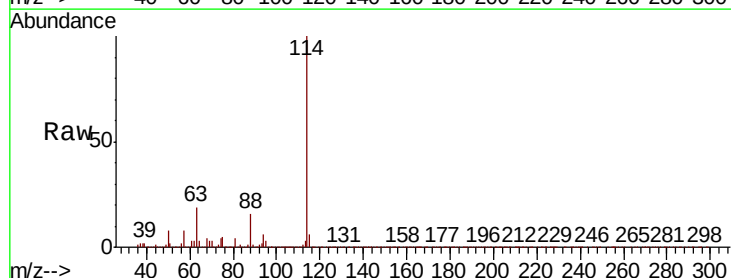
Manual Integrations
 APPROVED

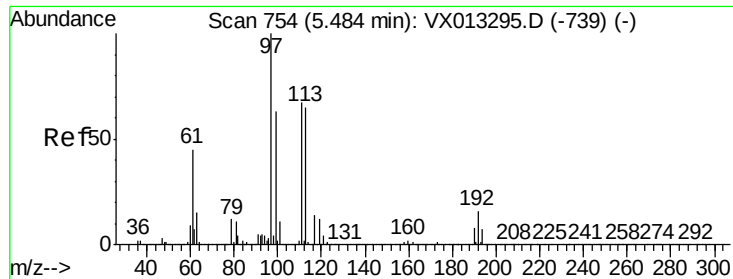
MMDadoda
 11/14/2019 9:37:16 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	15.6	0.0	32.2





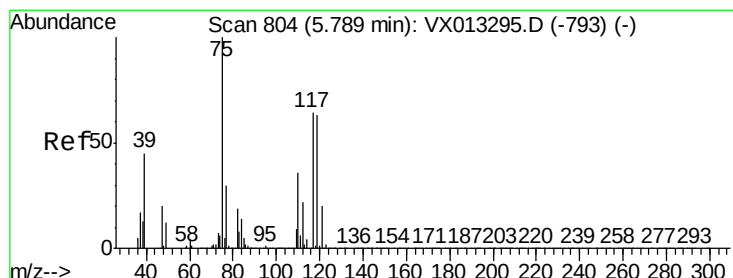
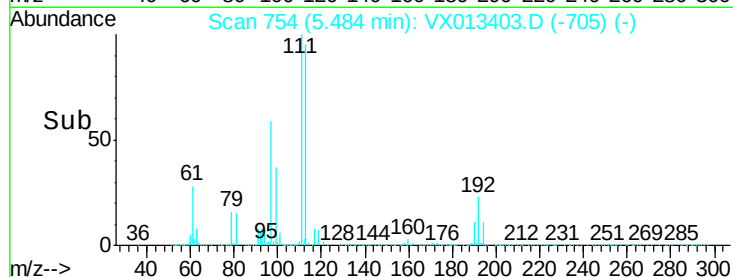
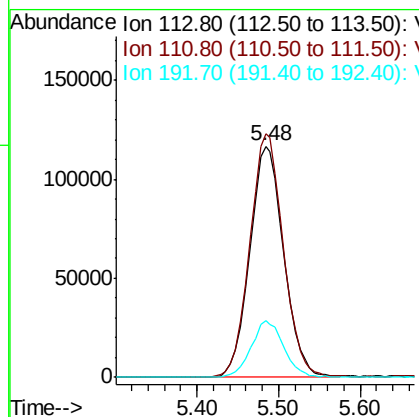
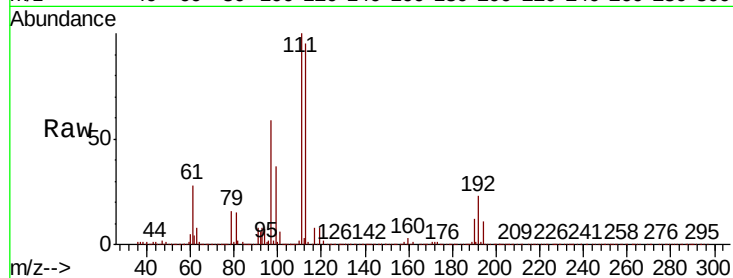
#35
Dibromofluoromethane
Concen: 49.289 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	337426		
111	104.3	81.9	122.9	
192	24.0	19.1	28.7	

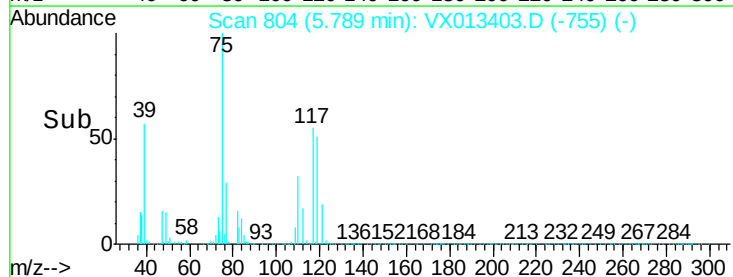
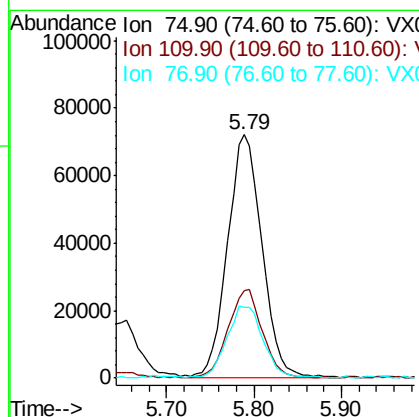
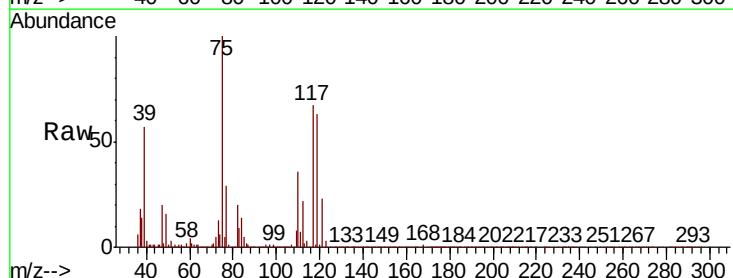
Manual Integrations
APPROVED

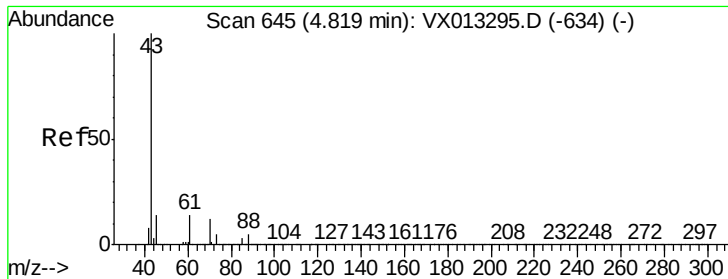
MMDadoda
11/14/2019 9:37:16 AM



#36
1,1-Dichloropropene
Concen: 20.869 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	195412		
110	36.3	18.1	54.1	
77	30.3	25.0	37.4	





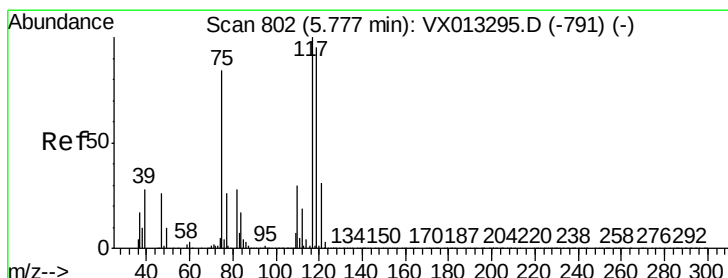
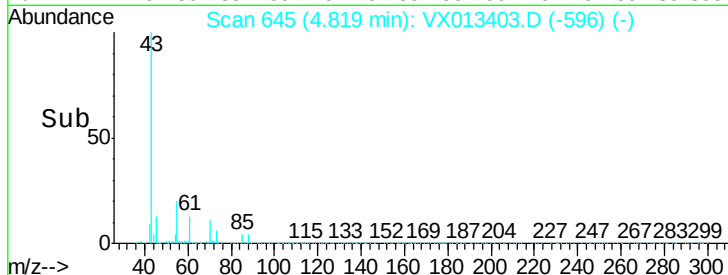
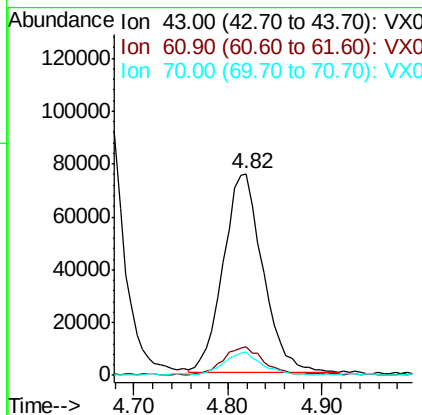
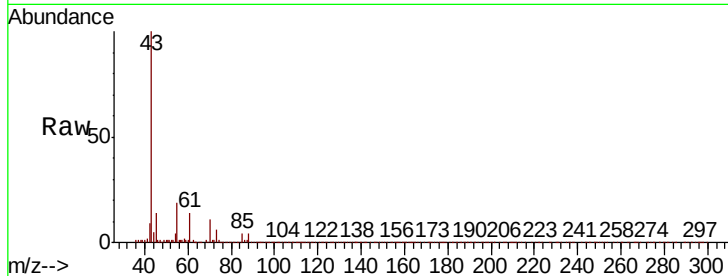
#37
Ethyl Acetate
Concen: 19.099 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	43	Resp	220982
Ion Ratio	Lower	Upper	
43	100		
61	14.1	10.7	16.1
70	10.6	8.7	13.1

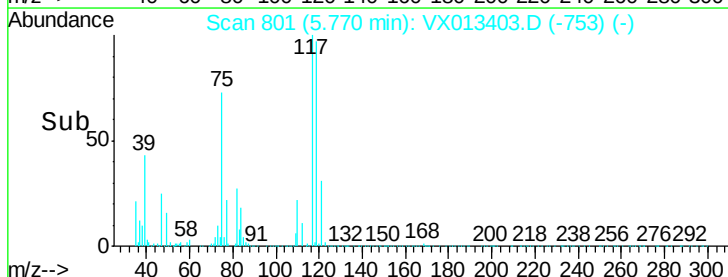
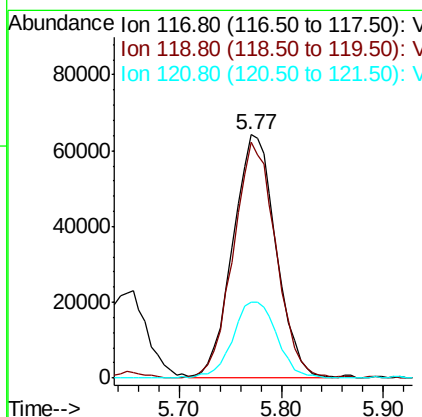
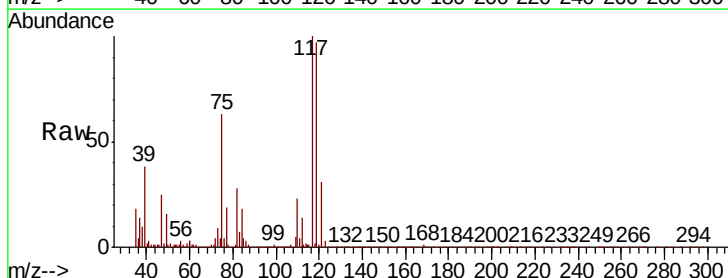
Manual Integrations
APPROVED

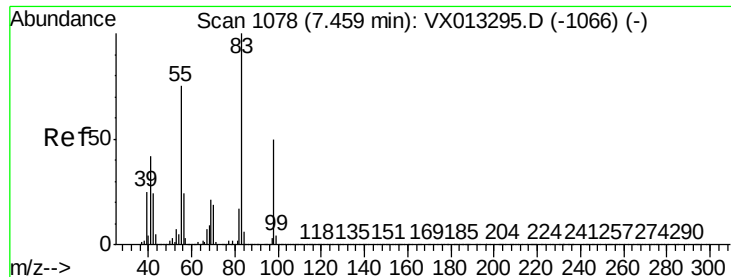
MMDadoda
11/14/2019 9:37:16 AM



#38
Carbon Tetrachloride
Concen: 20.438 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	117	Resp	187136
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.1	114.1
121	30.9	24.6	37.0





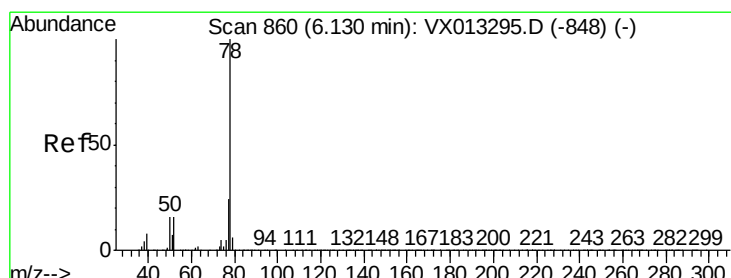
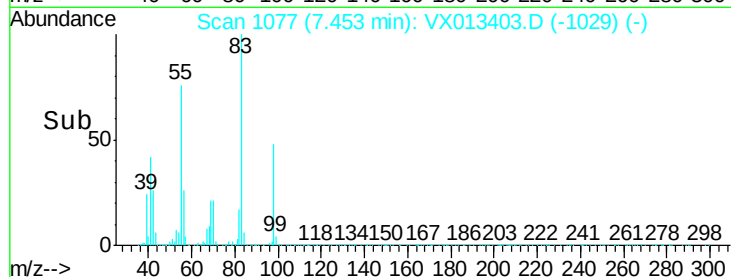
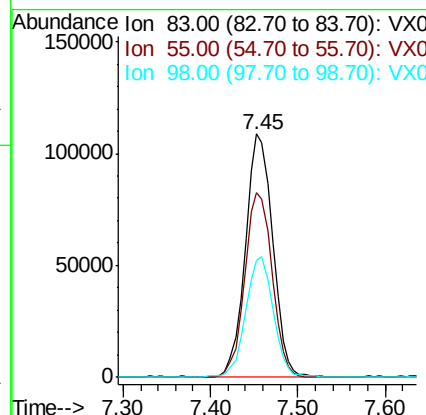
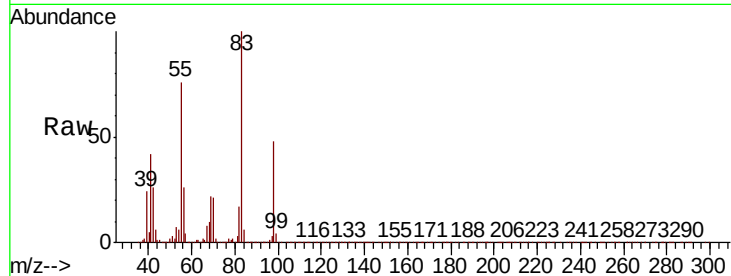
#39
Methylvlcyclohexane
Concen: 20.357 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.3	90.5
98	47.9	40.3	60.5

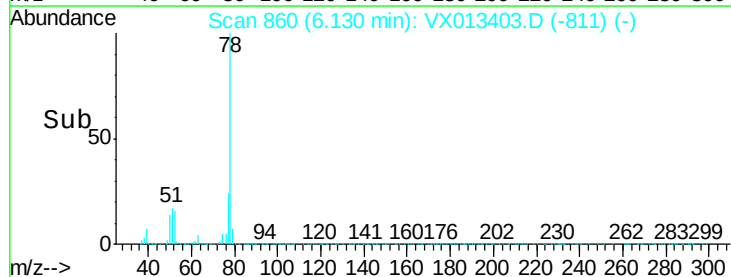
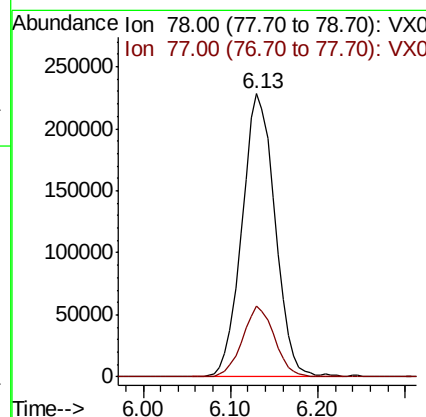
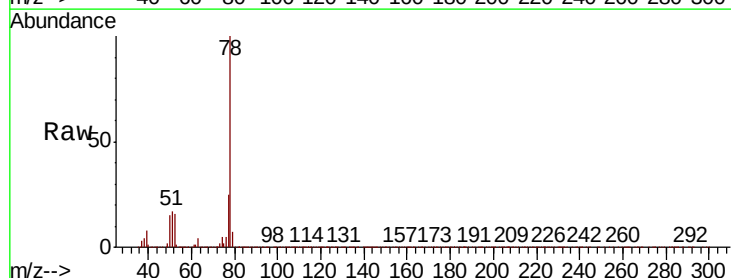
Manual Integrations
APPROVED

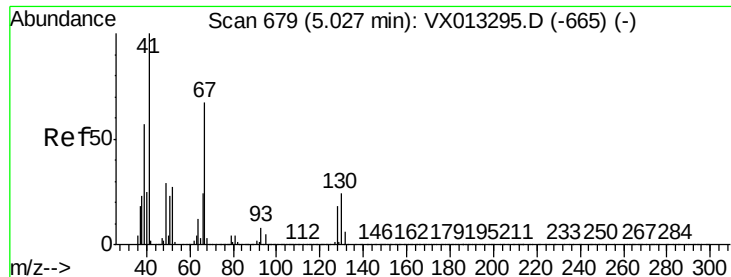
MMDadoda
11/14/2019 9:37:16 AM



#40
Benzene
Concen: 20.587 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.5	29.3





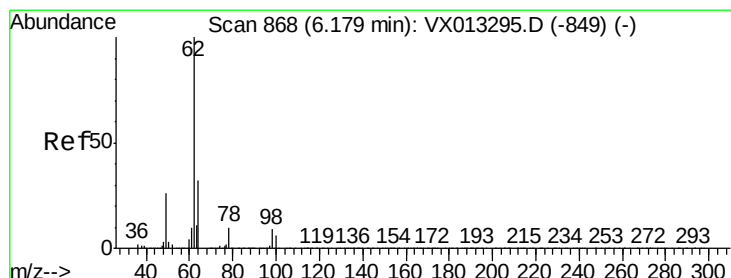
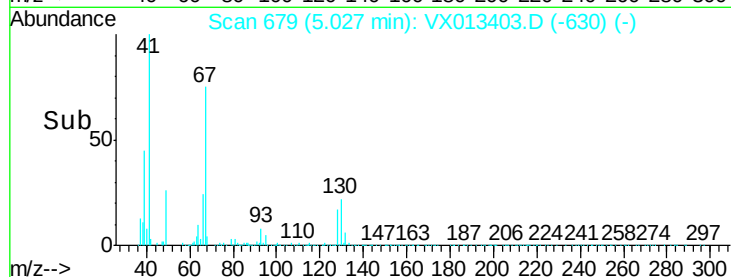
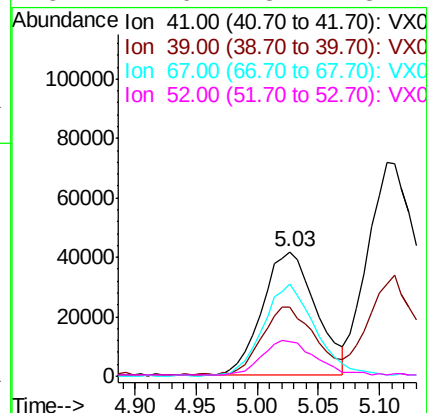
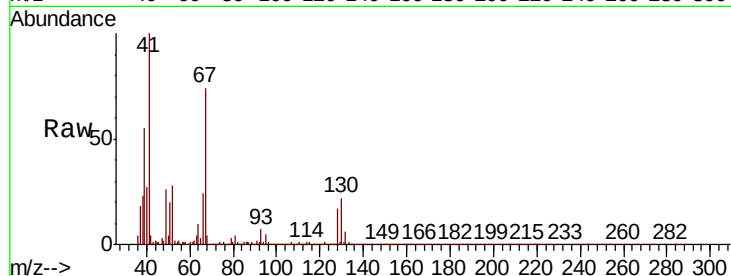
#41
Methacrylonitrile
Concen: 19.642 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	45.0	67.6	
67	71.2	55.4	83.2	
52	27.6	23.1	34.7	

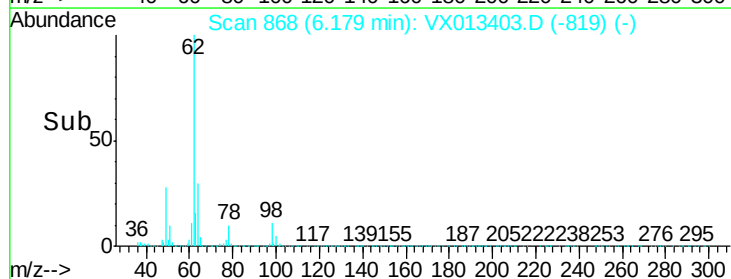
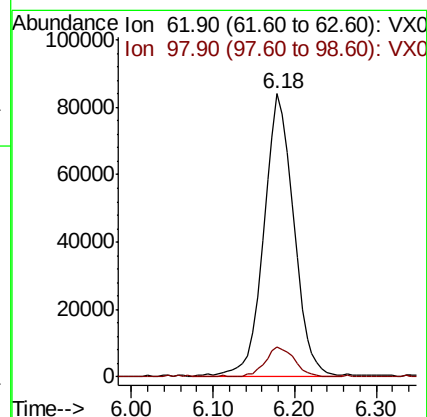
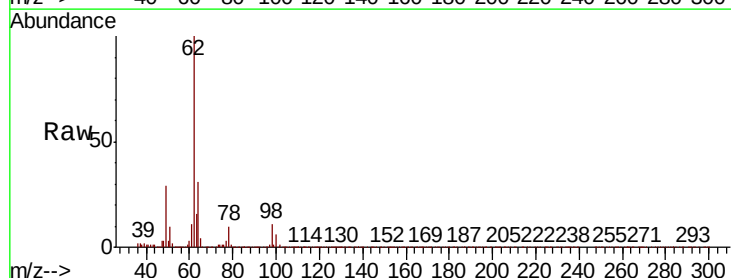
Manual Integrations
APPROVED

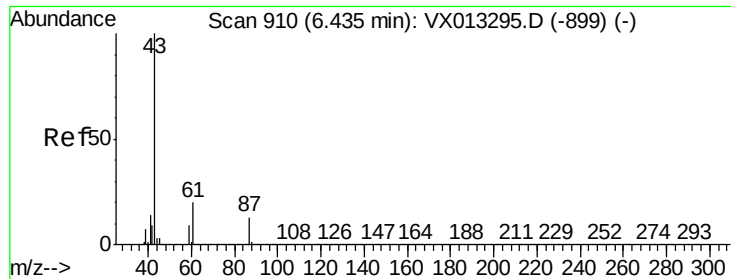
MMDadoda
11/14/2019 9:37:16 AM



#42
1,2-Dichloroethane
Concen: 20.309 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.4	





#43

Isopropyl Acetate

Concen: 20.176 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

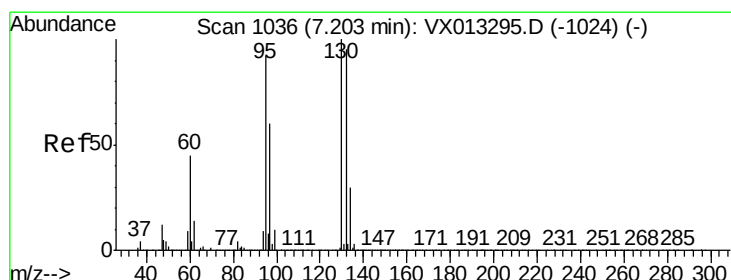
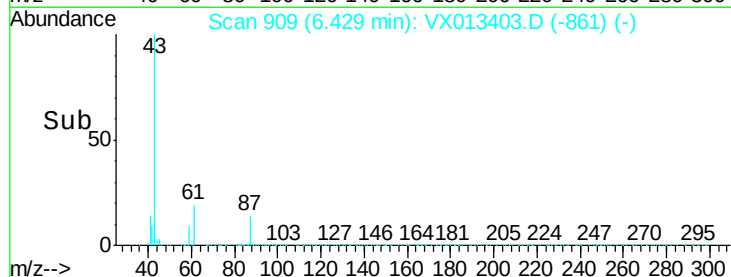
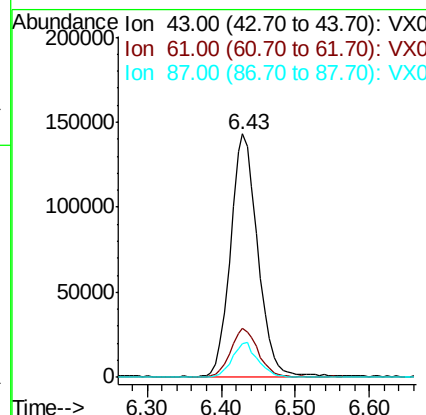
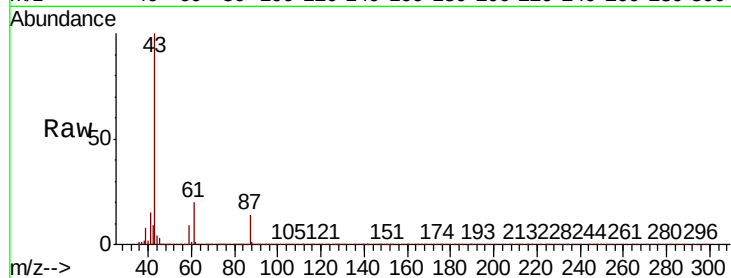
ClientSampleId :

VX1113WBSD01

Tot Ion	43	Resp	363515
Ion Ratio	Lower	Upper	
43	100		
61	20.6	15.8	23.8
87	13.3	10.4	15.6

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#44

Trichloroethene

Concen: 20.163 ug/l

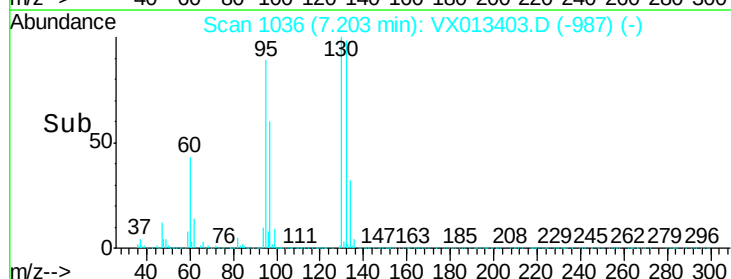
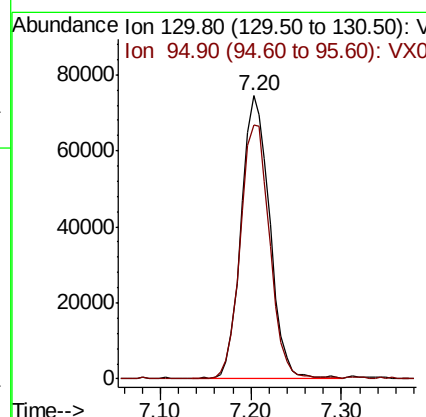
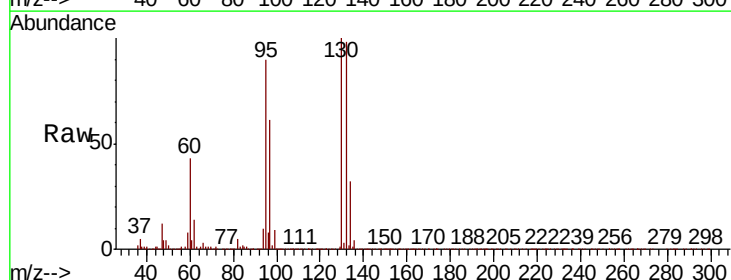
RT: 7.20 min Scan# 1036

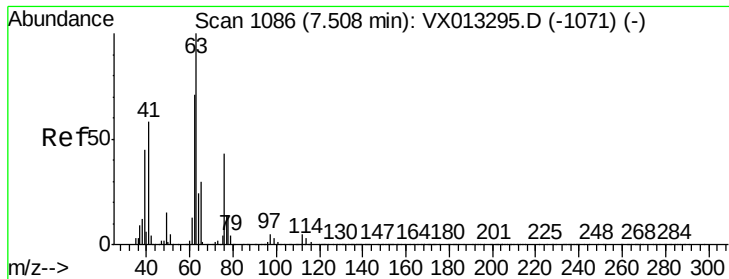
Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion	130	Resp	161884
Ion Ratio	Lower	Upper	
130	100		
95	89.7	0.0	184.8





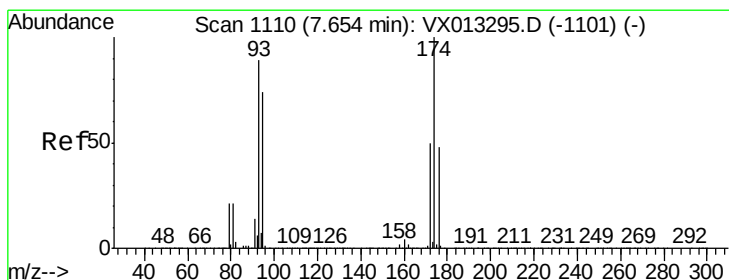
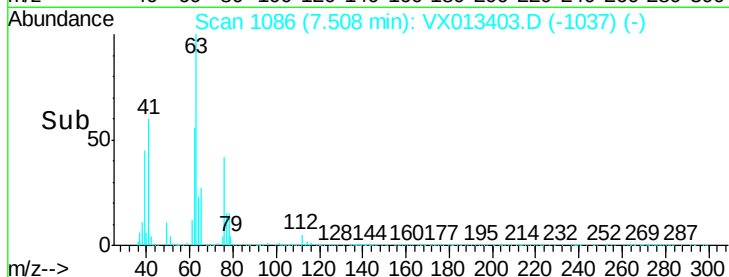
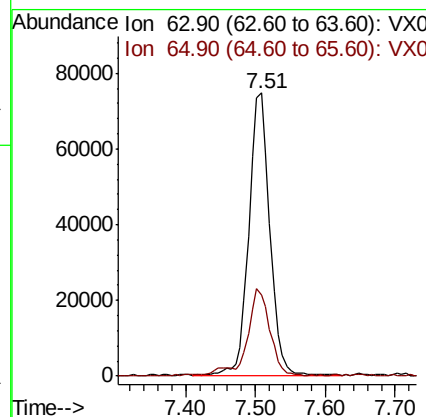
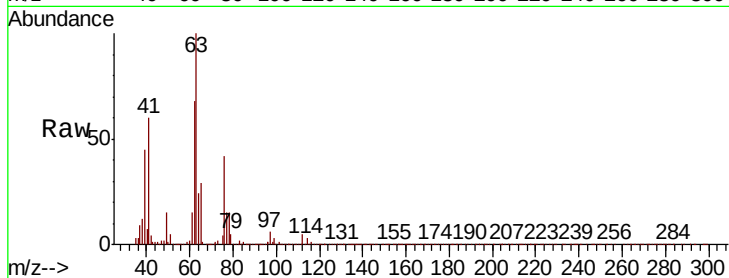
#45
 1,2-Dichloropropane
 Concen: 20.751 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.4	24.3	36.5

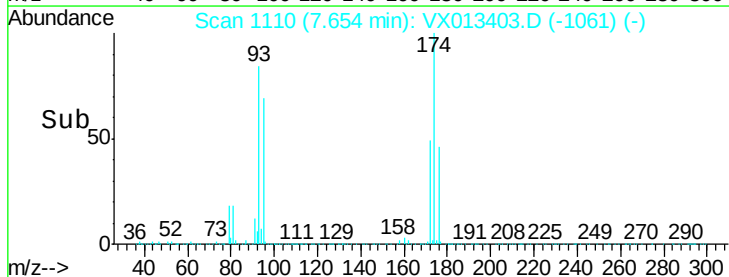
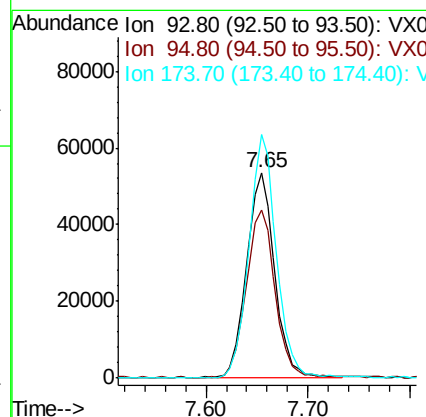
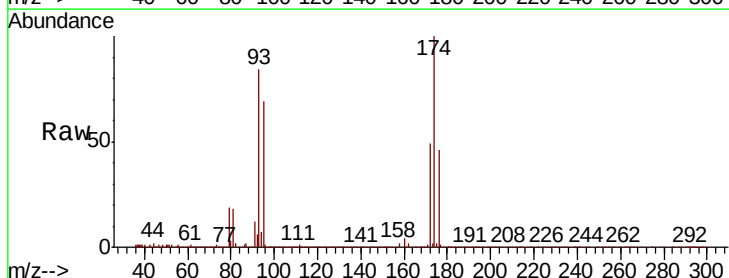
Manual Integrations
 APPROVED

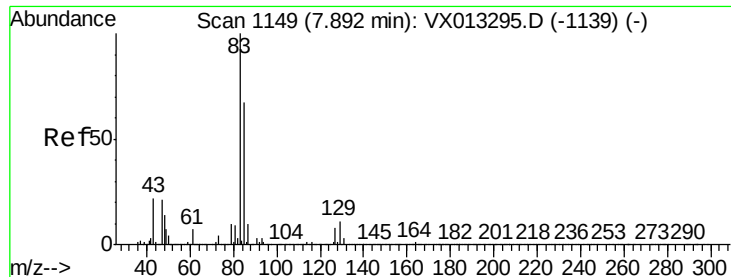
MMDadoda
 11/14/2019 9:37:16 AM



#46
 Dibromomethane
 Concen: 20.256 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	65.8	98.6
174	116.0	90.4	135.6





#47

Bromodichloromethane

Concen: 20.828 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

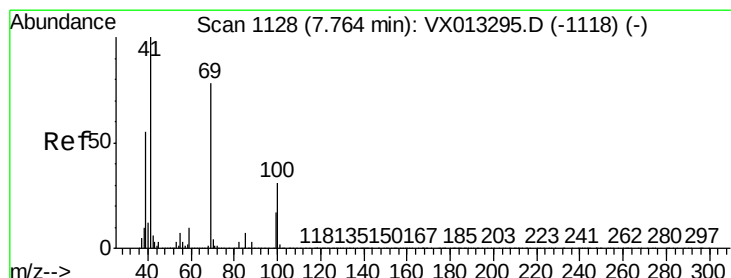
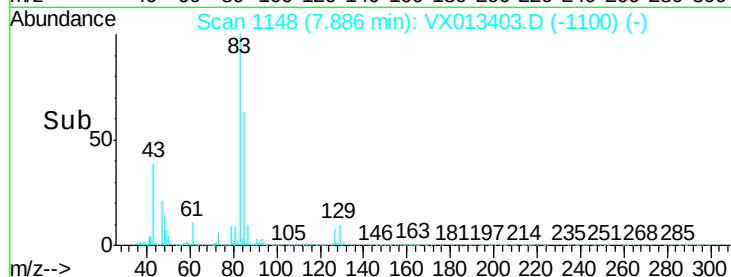
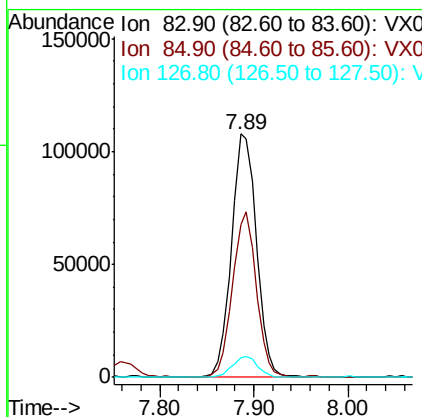
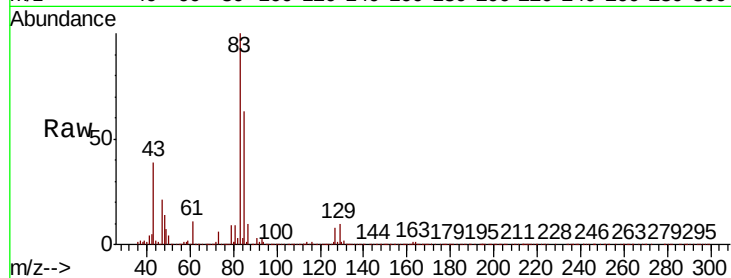
ClientSampleId :

VX1113WBSD01

Tot Ion	83	Resp	199291
Ion Ratio	Lower	Upper	
83	100		
85	62.4	53.7	80.5
127	7.9	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#48

Methyl methacrylate

Concen: 20.567 ug/l

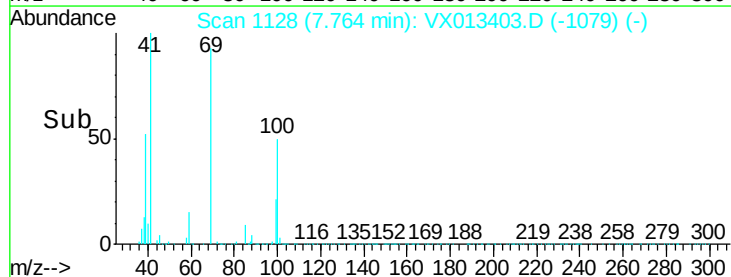
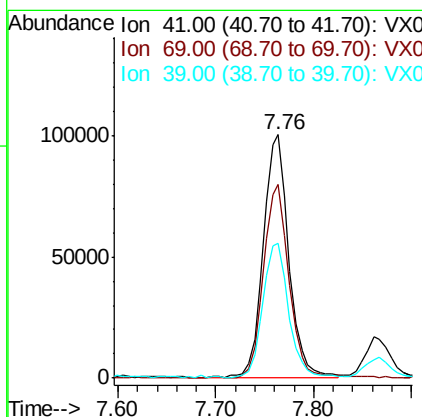
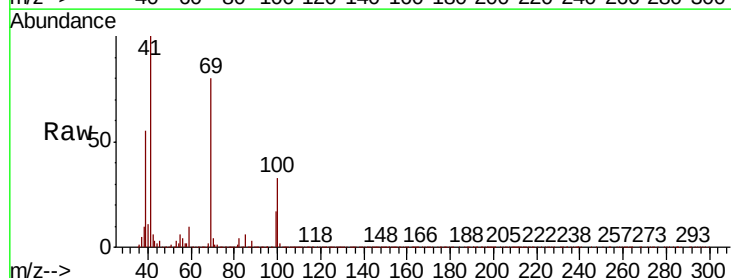
RT: 7.76 min Scan# 1128

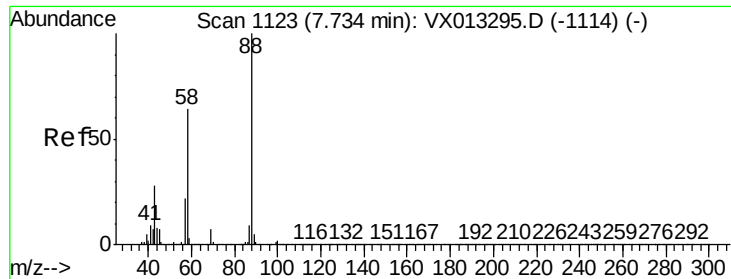
Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion	41	Resp	184971
Ion Ratio	Lower	Upper	
41	100		
69	79.8	63.0	94.6
39	55.0	45.9	68.9





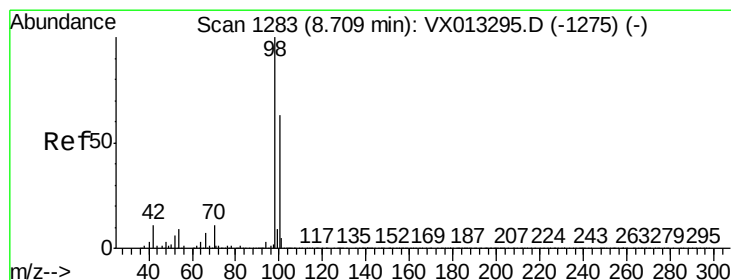
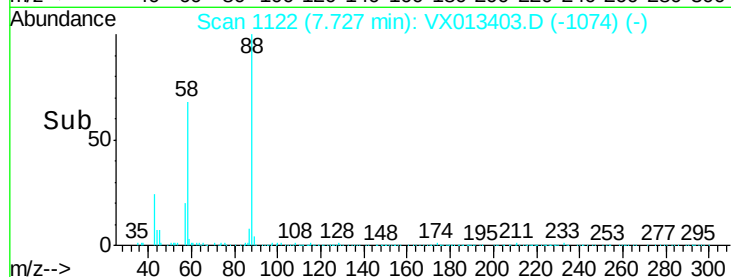
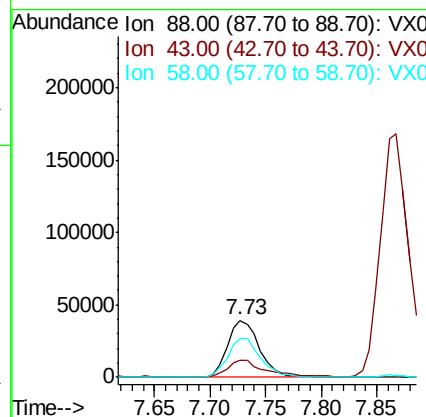
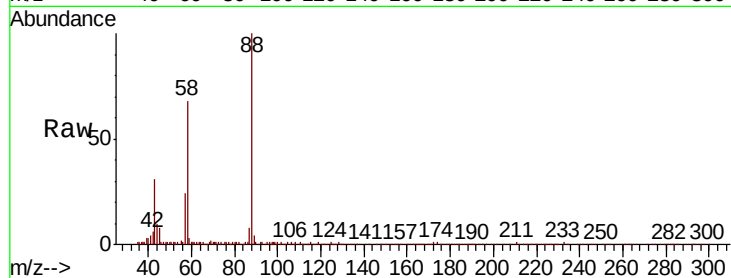
#49
1,4-Dioxane
Concen: 374.629 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	26.6	39.8
58	69.5	55.0	82.6

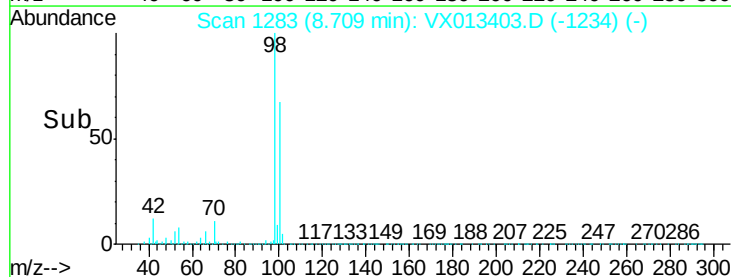
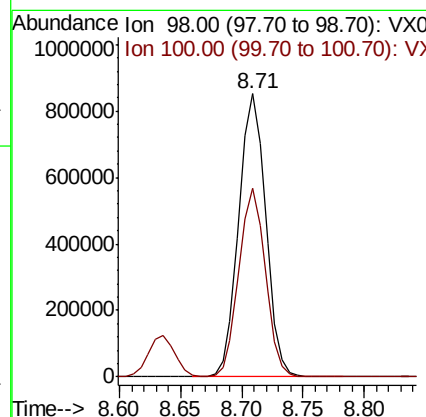
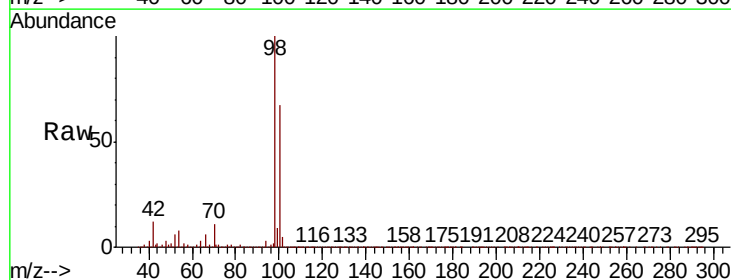
Manual Integrations
APPROVED

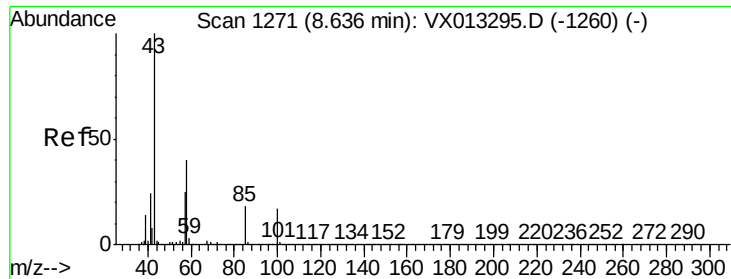
MMDadoda
11/14/2019 9:37:16 AM



#50
Toluene-d8
Concen: 50.389 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 98.473 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 43 Resp: 1164015

Ion Ratio Lower Upper

43 100

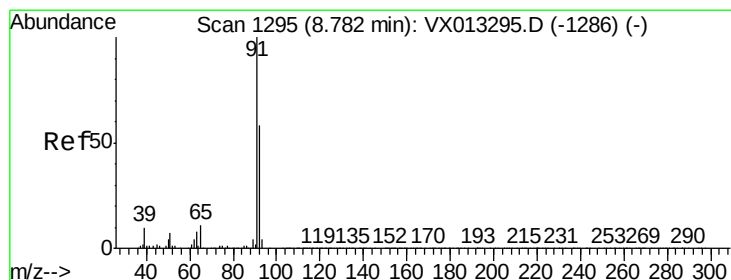
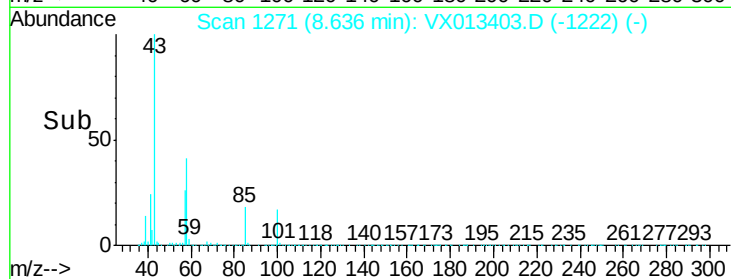
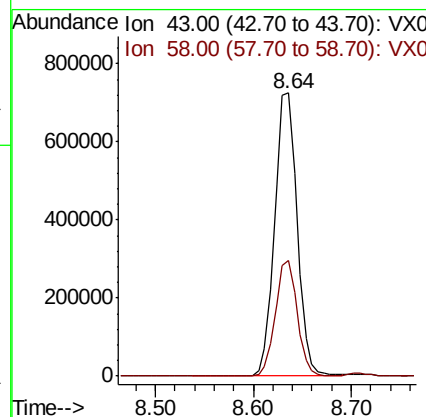
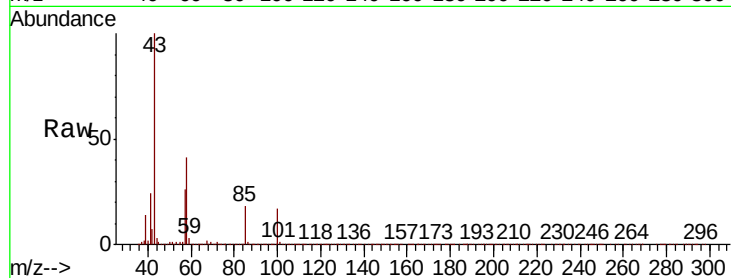
58 39.7 31.4 47.0

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



#52

Toluene

Concen: 20.977 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013403.D

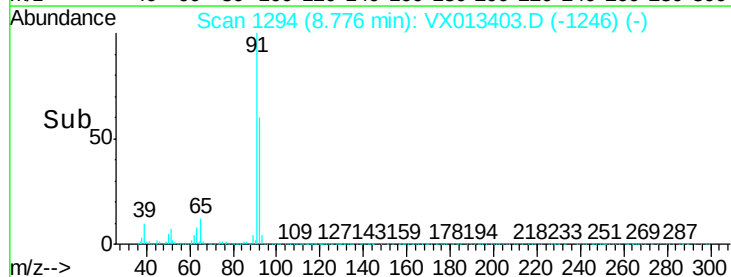
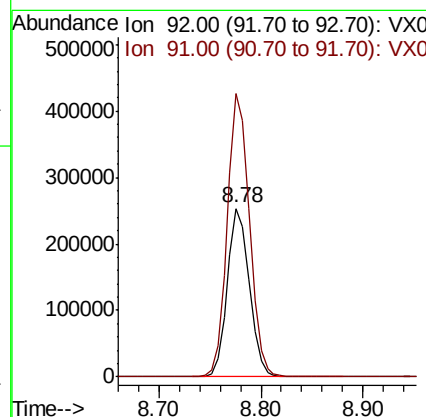
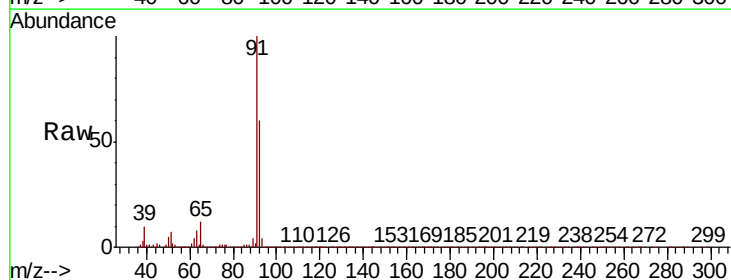
Acq: 13 Nov 2019 13:34

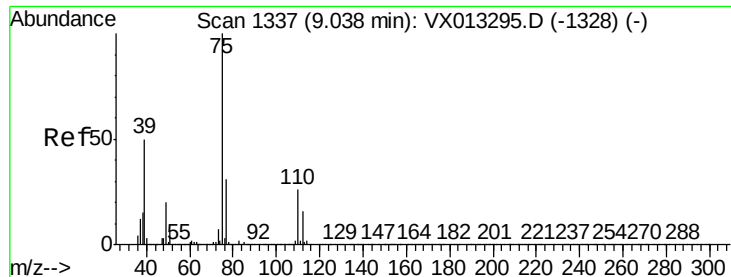
Tgt Ion: 92 Resp: 379212

Ion Ratio Lower Upper

92 100

91 169.6 138.0 207.0





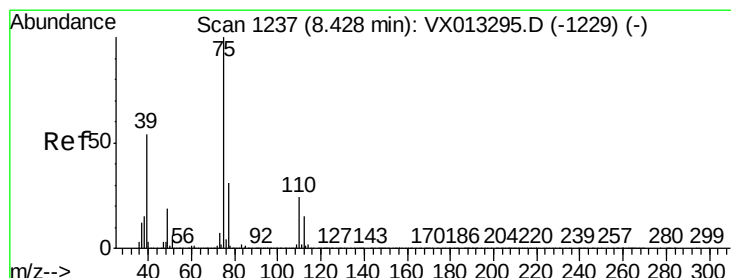
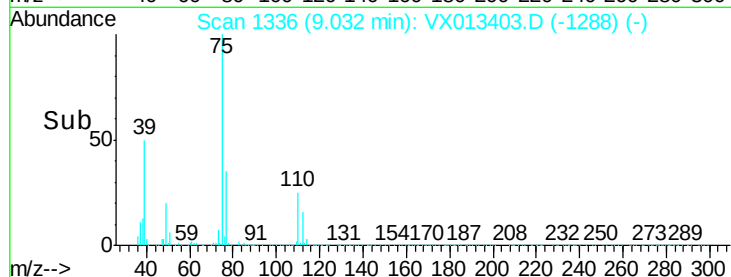
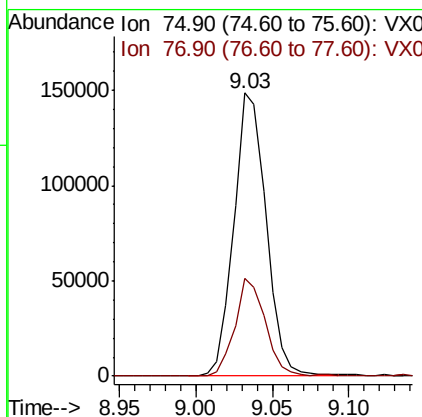
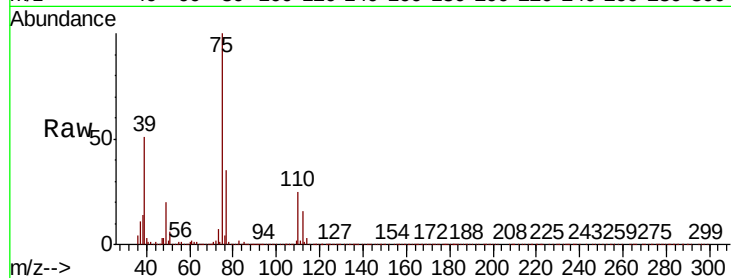
#53
t-1,3-Dichloropropene
Concen: 20.723 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	216818		
77	34.6	25.0	37.4	

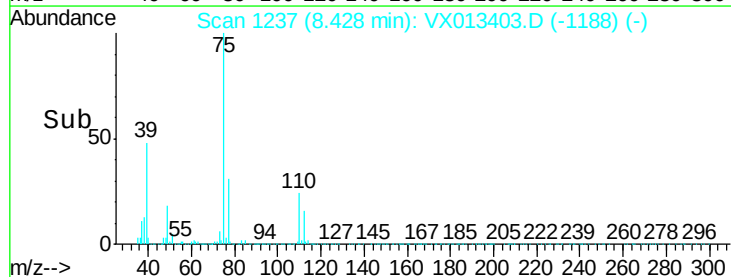
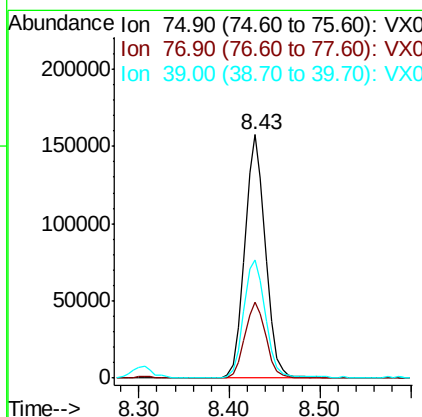
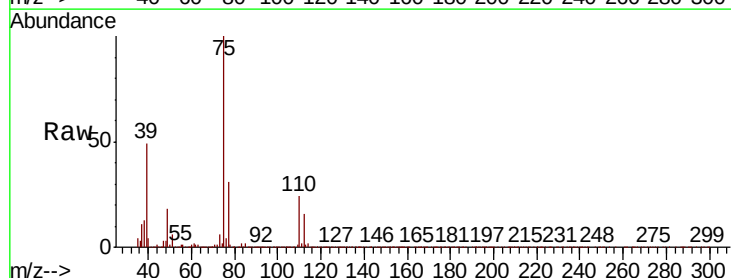
Manual Integrations
APPROVED

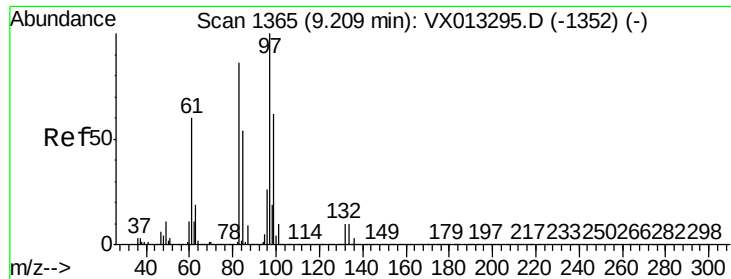
MMDadoda
11/14/2019 9:37:16 AM



#54
cis-1,3-Dichloropropene
Concen: 21.105 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	247014		
77	31.2	24.7	37.1	
39	48.4	43.0	64.6	





#55

1,1,2-Trichloroethane

Concen: 21.153 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

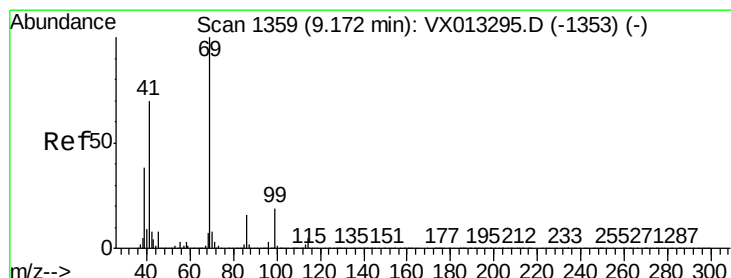
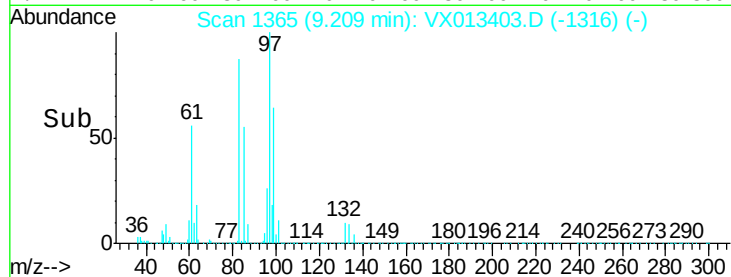
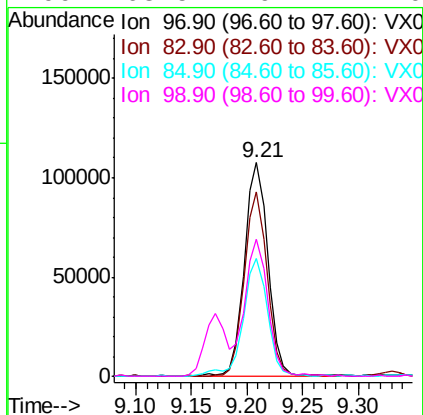
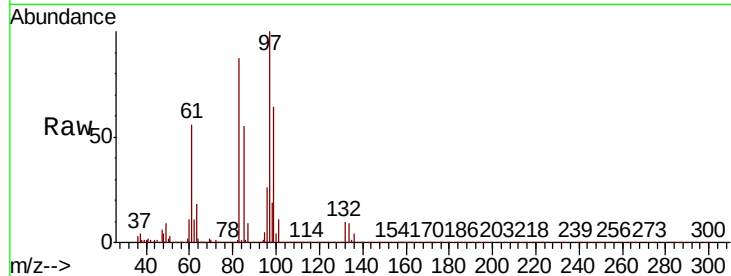
ClientSampleId :

VX1113WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		158501		
83	86.2	68.6	103.0		
85	55.1	43.1	64.7		
99	63.5	49.4	74.0		

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#56

Ethyl methacrylate

Concen: 19.957 ug/l

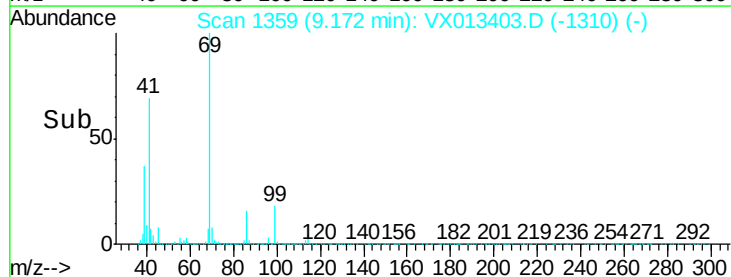
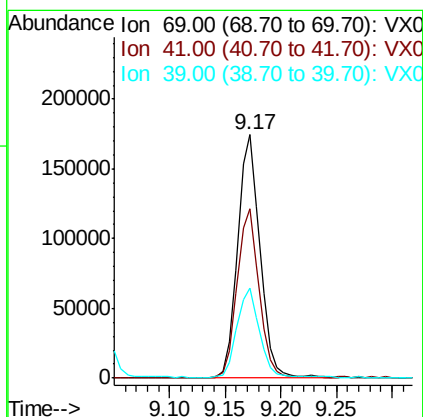
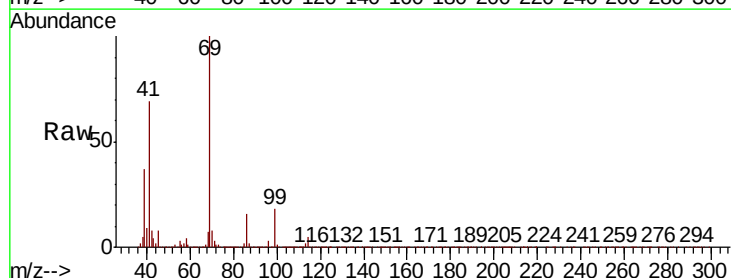
RT: 9.17 min Scan# 1359

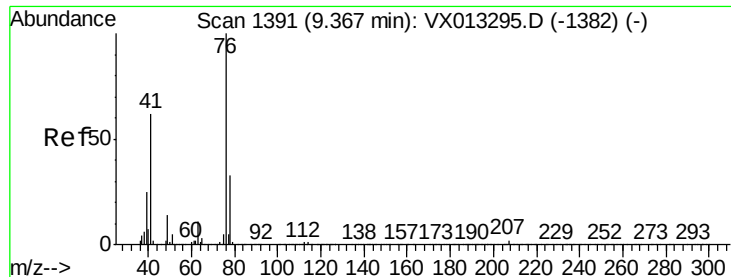
Delta R.T. 0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		242888		
41	68.2	56.2	84.2		
39	36.7	31.1	46.7		





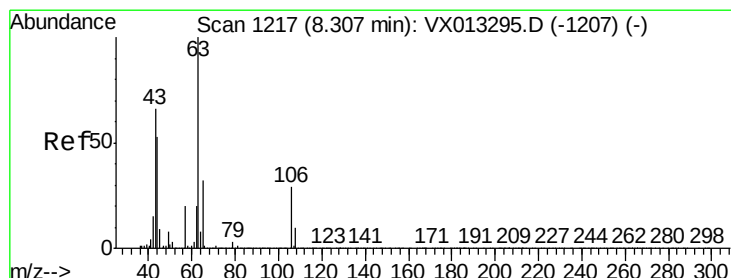
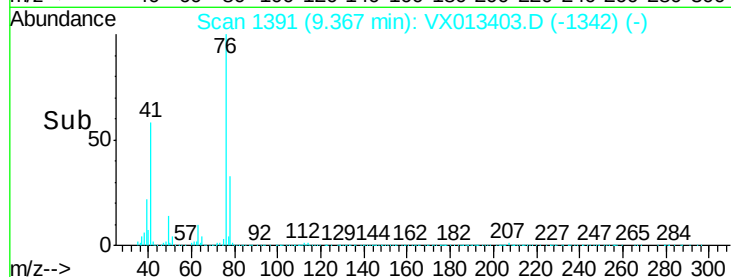
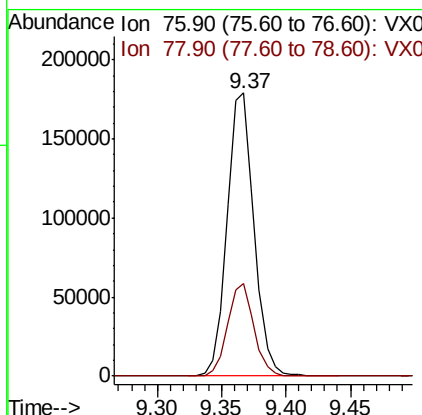
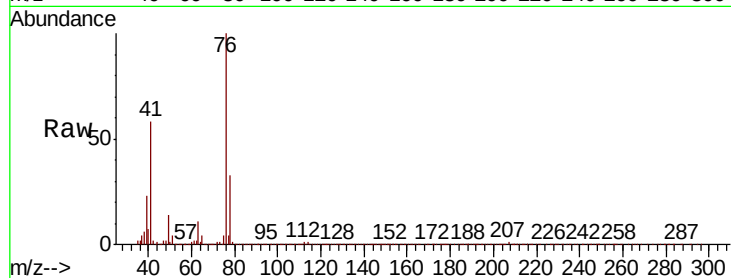
#57
 1,3-Dichloropropane
 Concen: 20.541 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tot Ion: 76 Resp: 261279
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

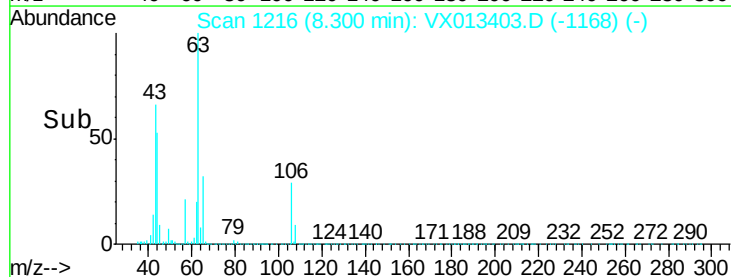
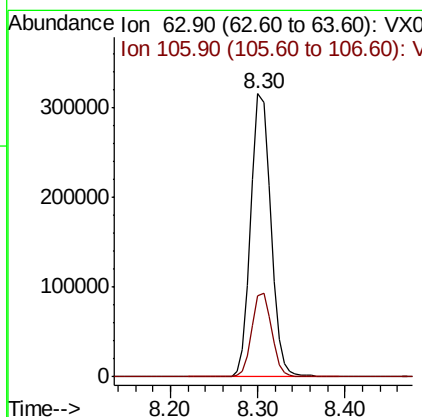
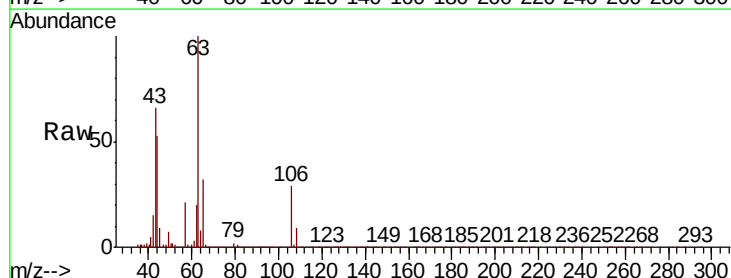
Manual Integrations
 APPROVED

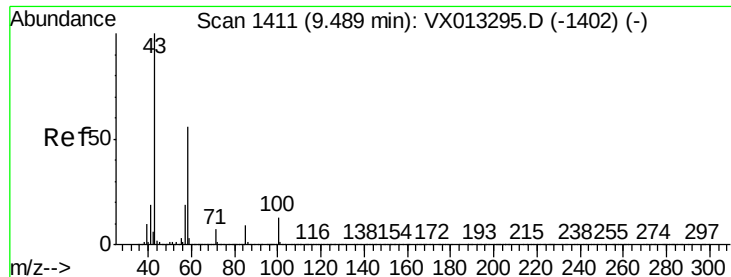
MMDadoda
 11/14/2019 9:37:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.093 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion: 63 Resp: 502564
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.4 35.2





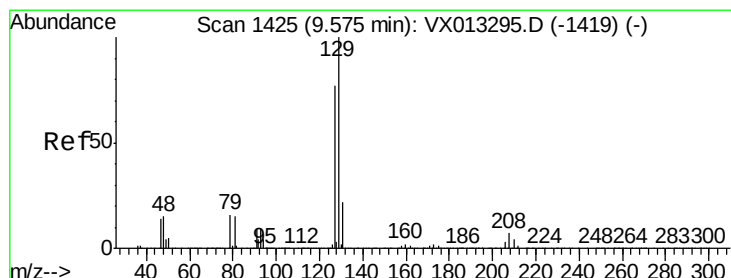
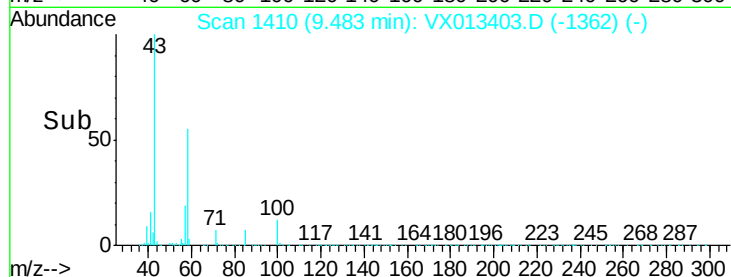
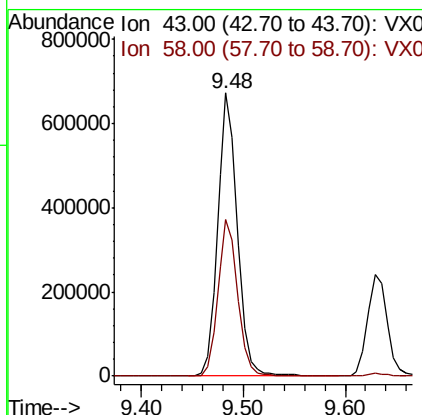
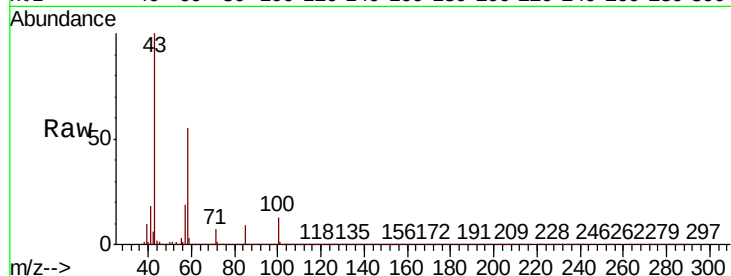
#59
2-Hexanone
Concen: 99.251 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	27.3	81.8

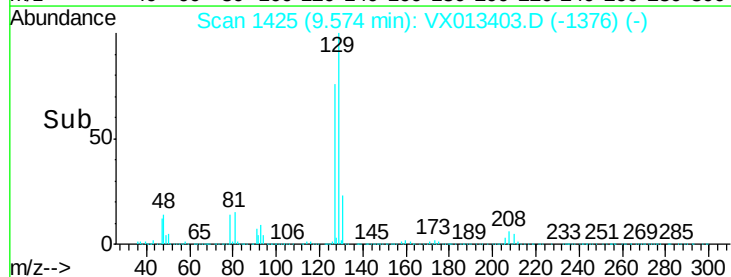
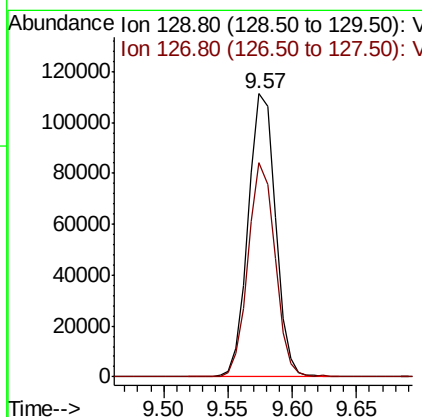
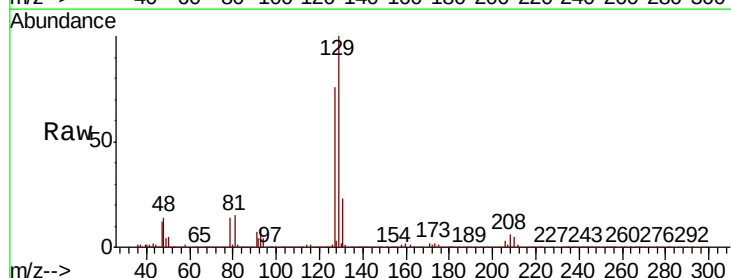
Manual Integrations
APPROVED

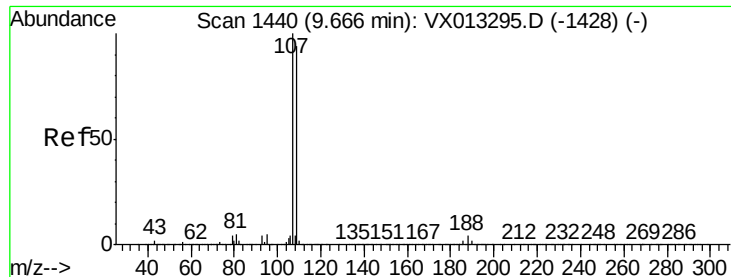
MMDadoda
11/14/2019 9:37:16 AM



#60
Dibromochloromethane
Concen: 21.133 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.5	39.1	117.2





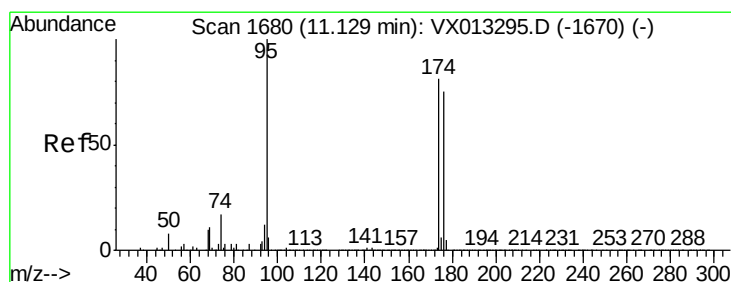
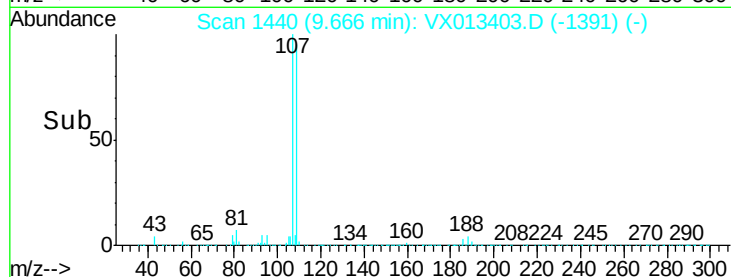
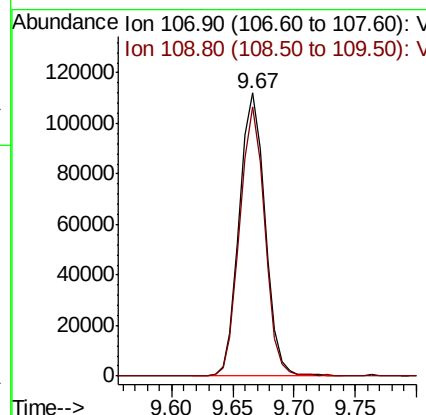
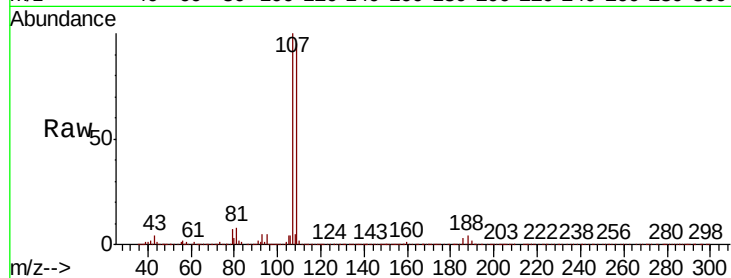
#61
 1,2-Dibromoethane
 Concen: 20.443 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.1	112.7

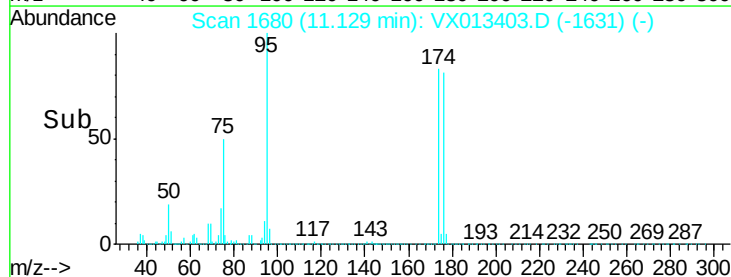
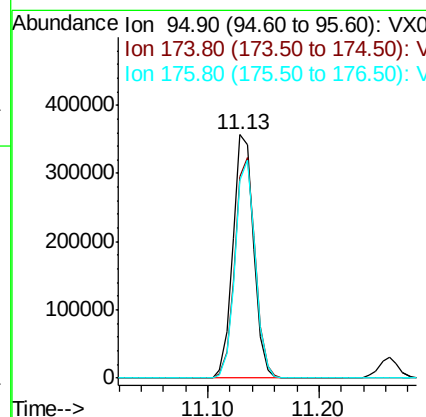
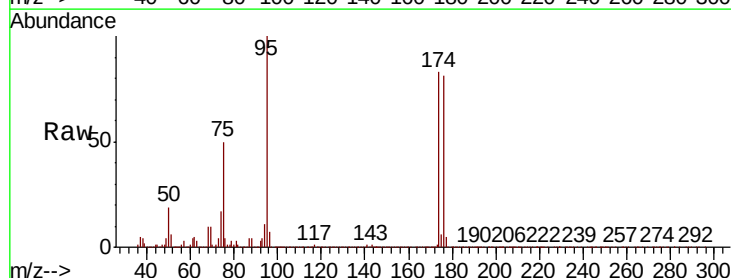
Manual Integrations
 APPROVED

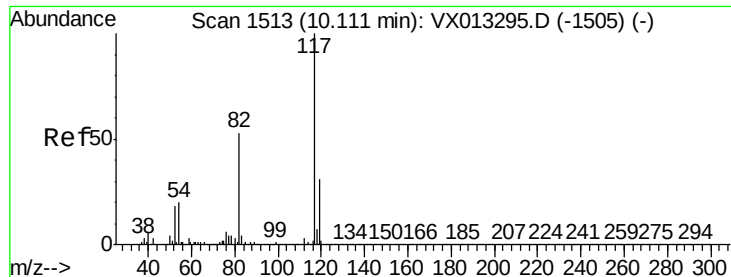
MMDadoda
 11/14/2019 9:37:16 AM



#62
 4-Bromofluorobenzene
 Concen: 49.166 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	179.8
176	87.2	0.0	173.0





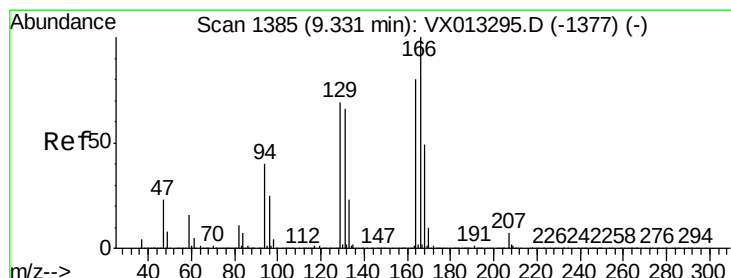
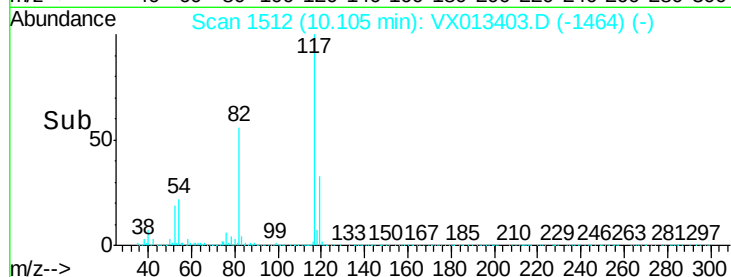
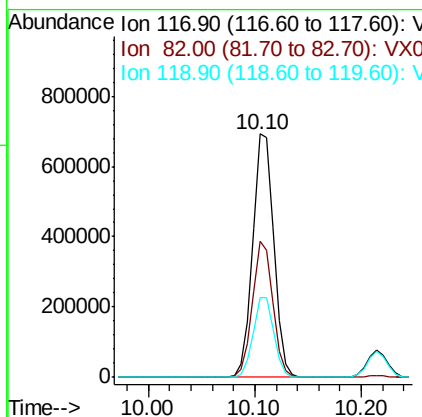
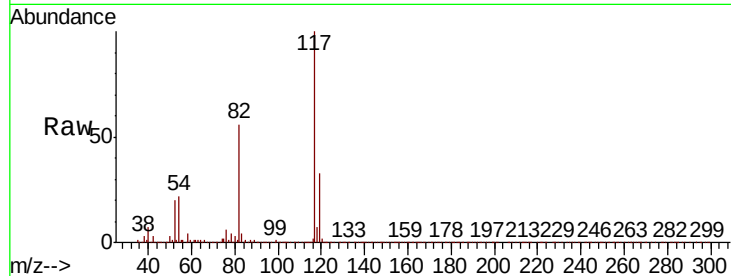
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	965029		
82	56.0		42.6	64.0
119	32.8		24.8	37.2

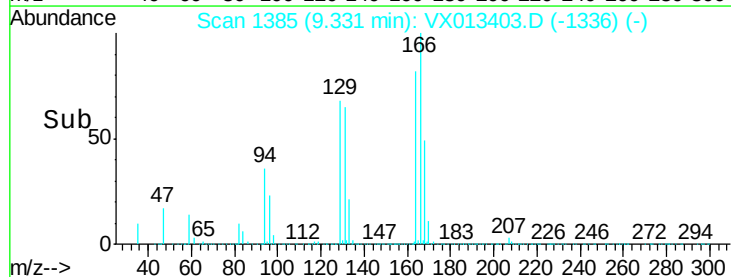
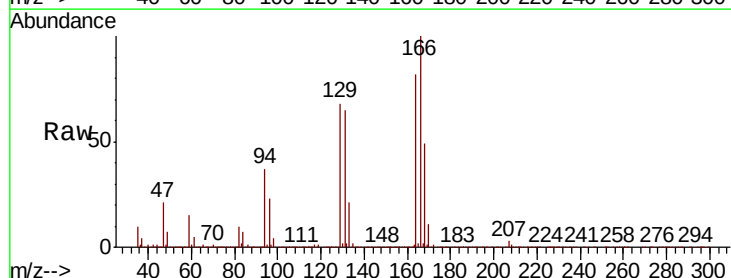
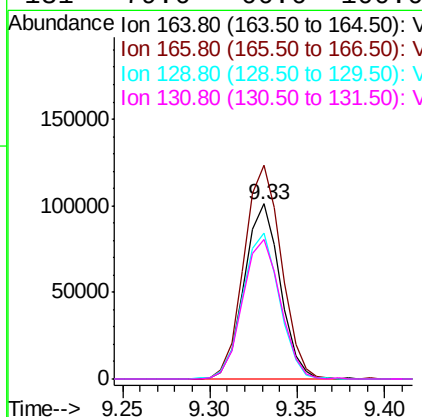
Manual Integrations
APPROVED

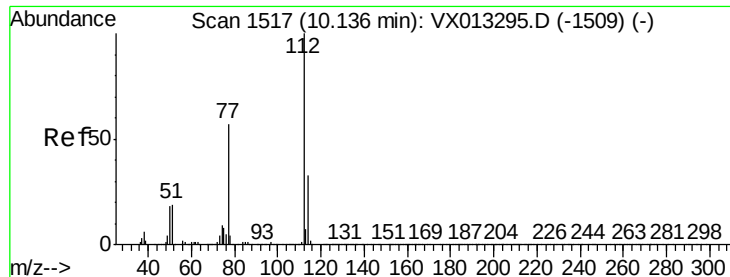
MMDadoda
11/14/2019 9:37:16 AM



#64
Tetrachloroethene
Concen: 20.895 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144353		
166	122.2		100.4	150.6
129	83.6		69.4	104.2
131	79.6		66.6	100.0





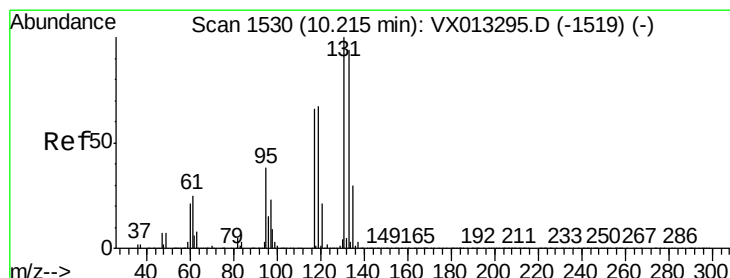
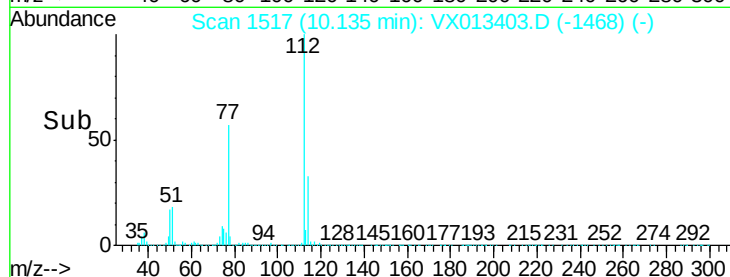
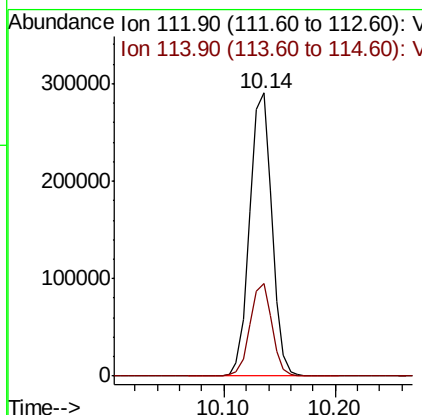
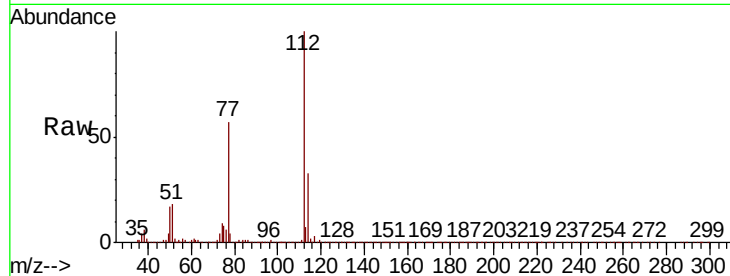
#65
Chlorobenzene
Concen: 20.739 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.4	39.6

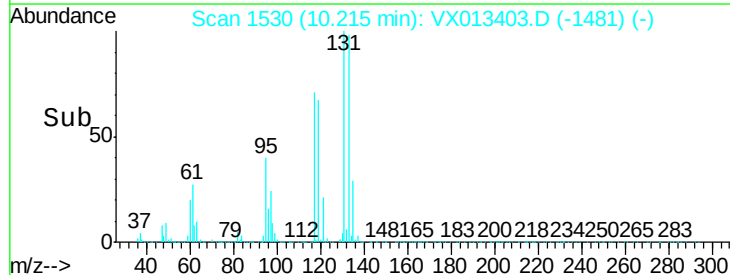
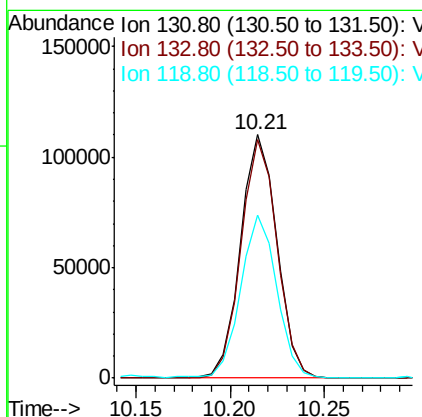
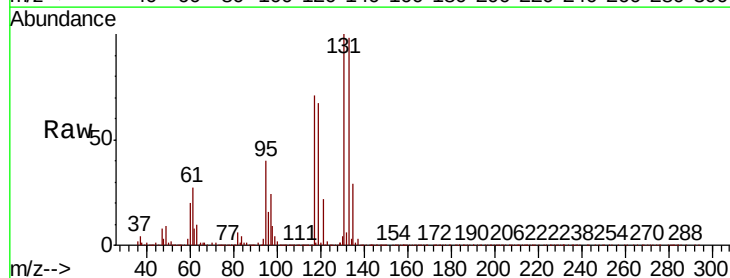
Manual Integrations
APPROVED

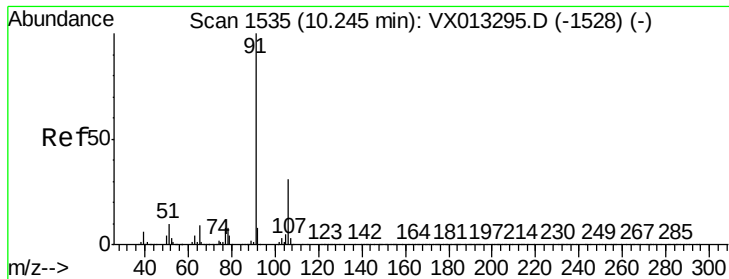
MMDadoda
11/14/2019 9:37:16 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.479 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.0	48.0	144.0
119	66.7	33.0	99.0





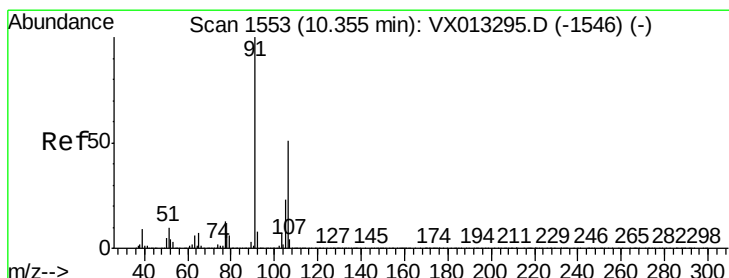
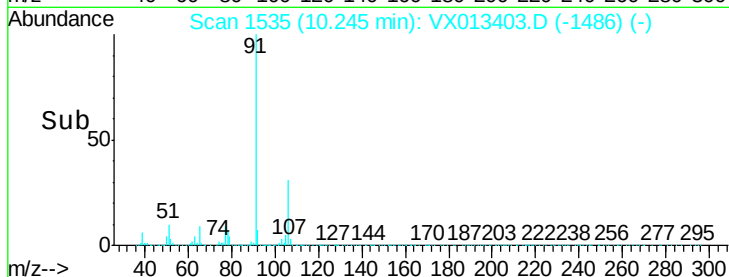
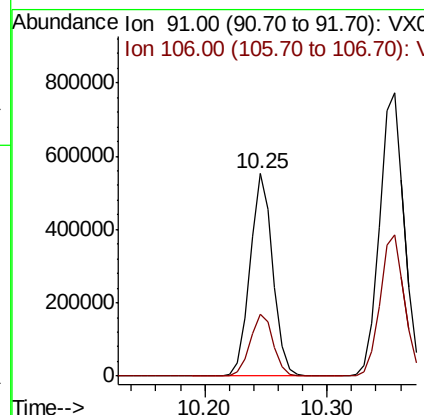
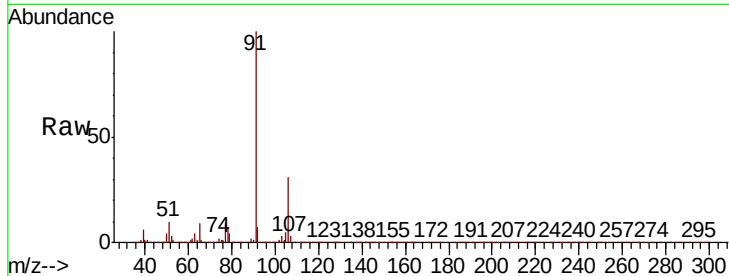
#67
Ethyl Benzene
Concen: 21.140 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion: 91 Resp: 712840
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

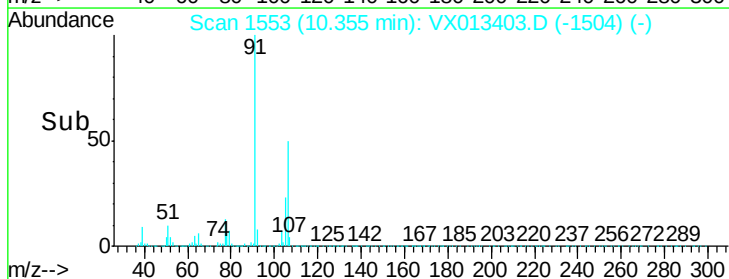
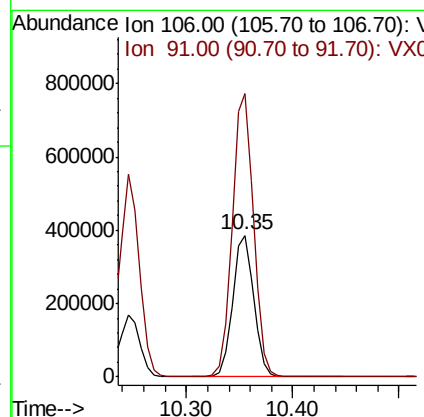
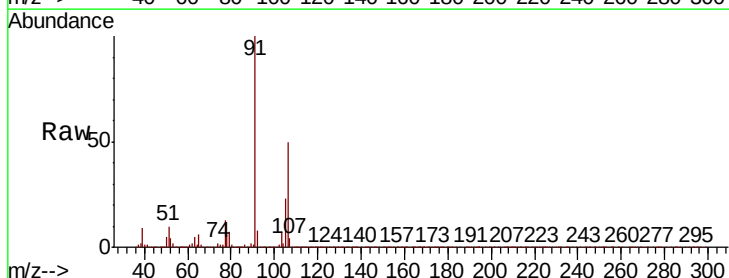
Manual Integrations
APPROVED

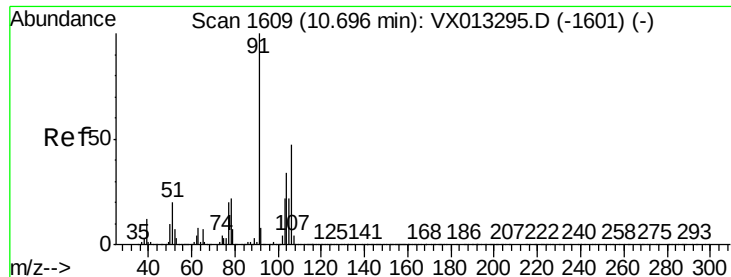
MMDadoda
11/14/2019 9:37:16 AM



#68
m/p-Xylenes
Concen: 42.054 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 106 Resp: 536286
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9





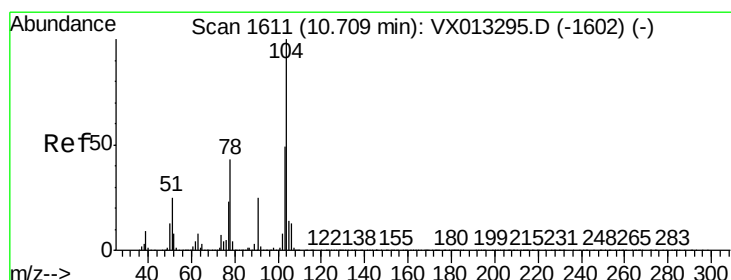
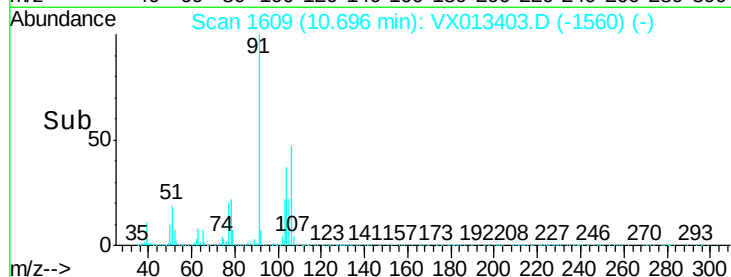
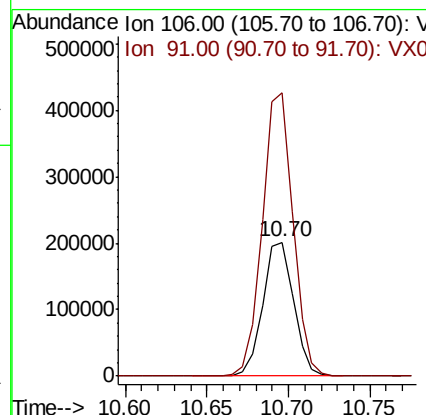
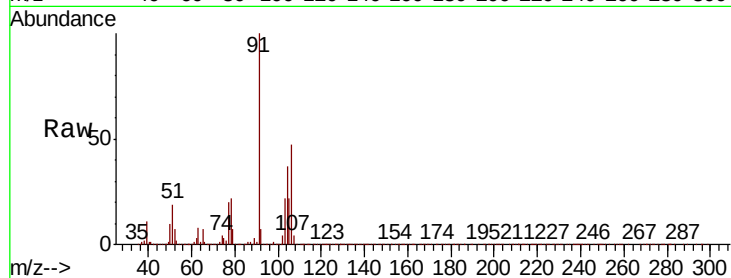
#69
o-Xylene
Concen: 21.227 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	105.7	317.0

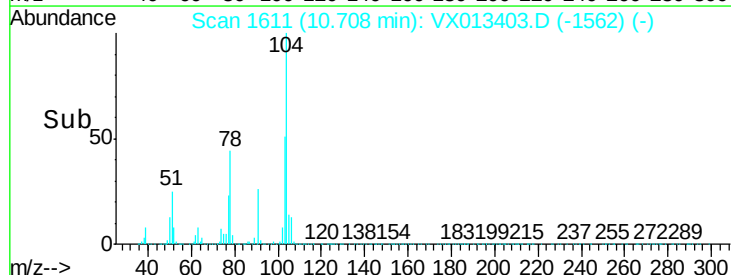
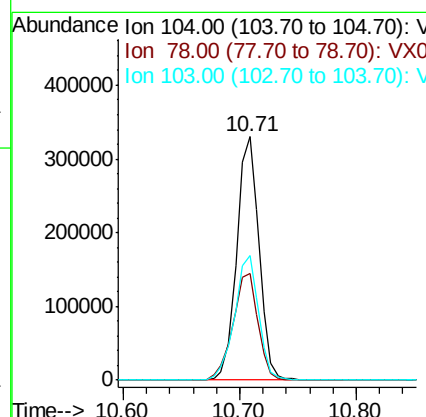
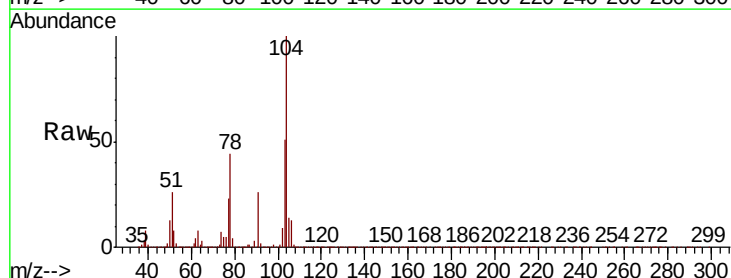
Manual Integrations
APPROVED

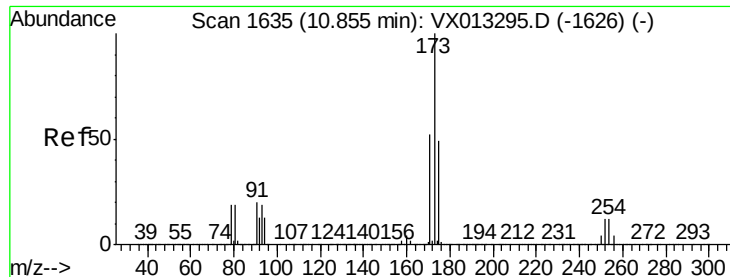
MMDadoda
11/14/2019 9:37:16 AM



#70
Styrene
Concen: 21.156 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	40.0	60.0
103	54.8	44.1	66.1





#71

Bromoform

Concen: 20.143 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion:173 Resp: 120388

Ion Ratio Lower Upper

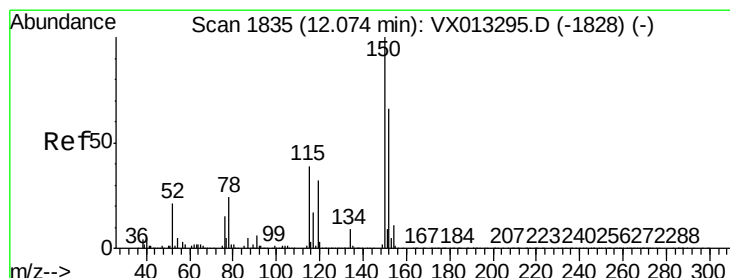
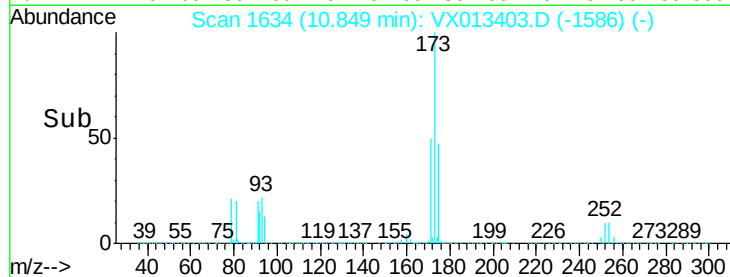
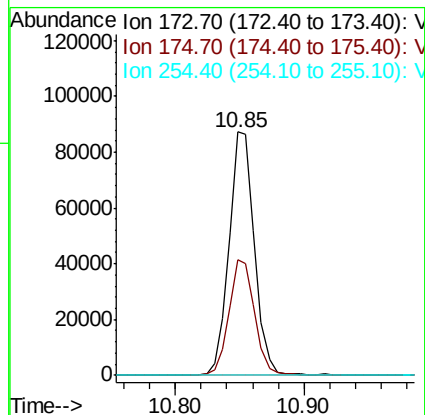
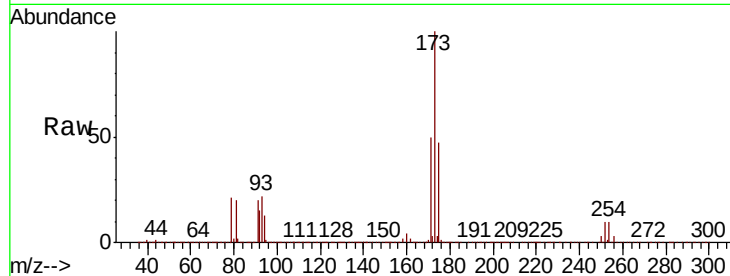
173 100

175 47.8 24.8 74.4

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

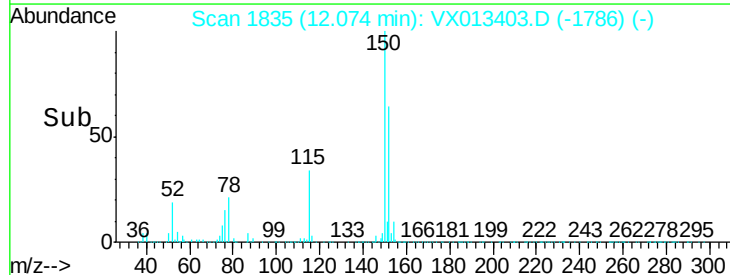
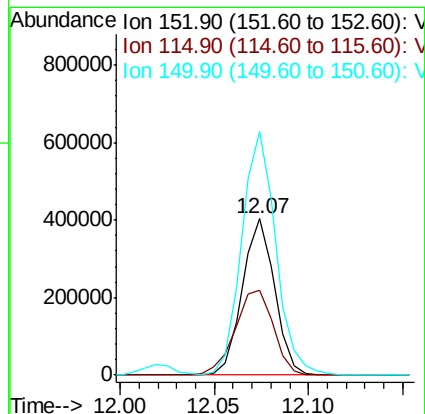
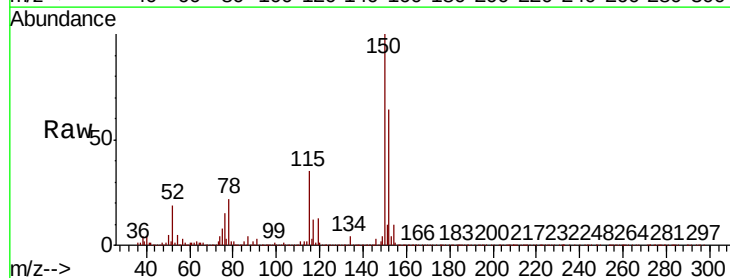
Tgt Ion:152 Resp: 479788

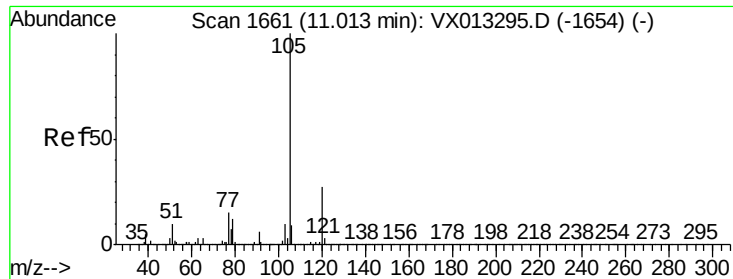
Ion Ratio Lower Upper

152 100

115 64.7 39.5 118.3

150 164.2 0.0 344.4





#73

Isopropylbenzene

Concen: 22.202 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 105 Resp: 706272

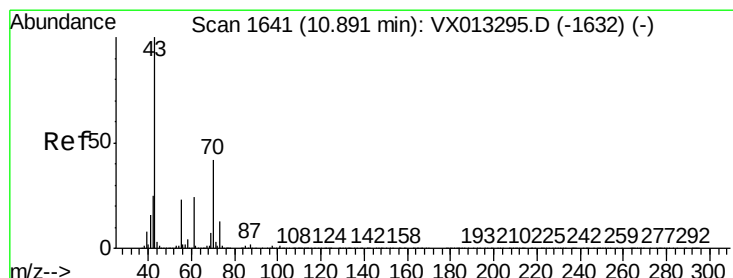
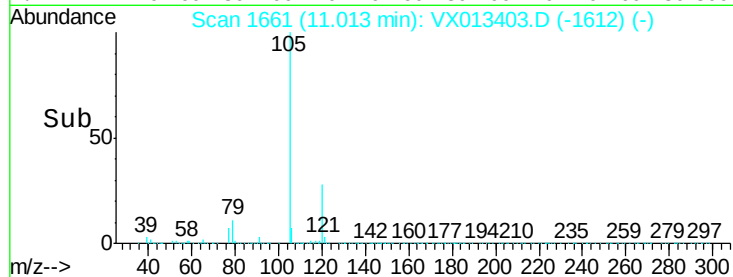
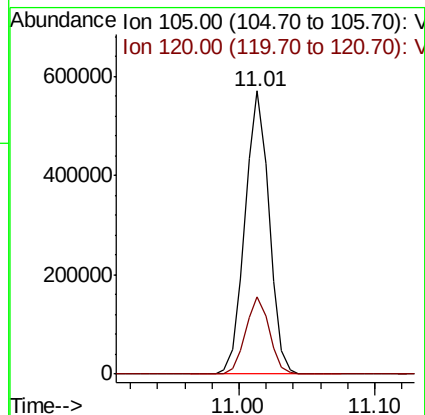
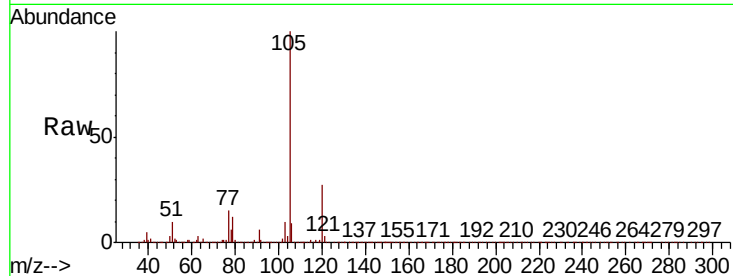
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#74

N-ethyl acetate

Concen: 21.612 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion: 43 Resp: 318812

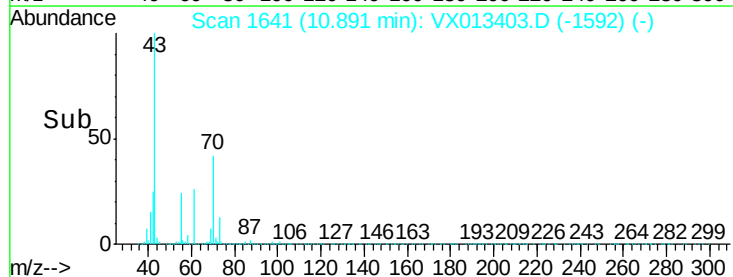
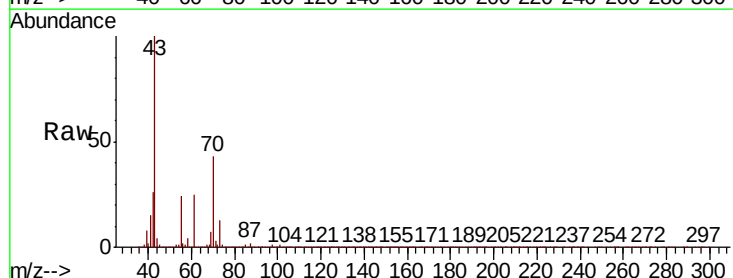
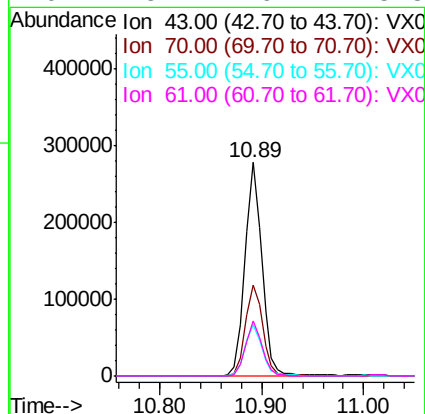
Ion Ratio Lower Upper

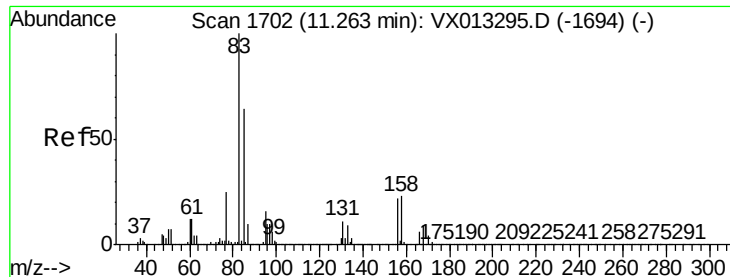
43 100

70 44.2 34.1 51.1

55 24.9 18.9 28.3

61 25.2 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.138 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

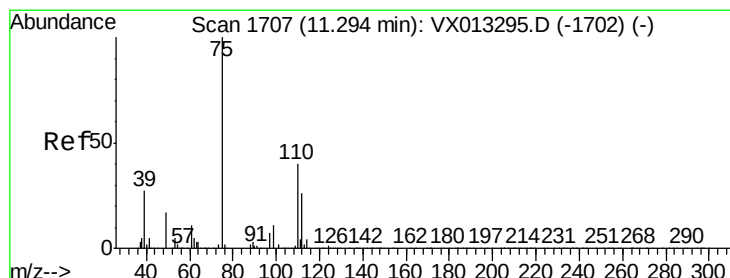
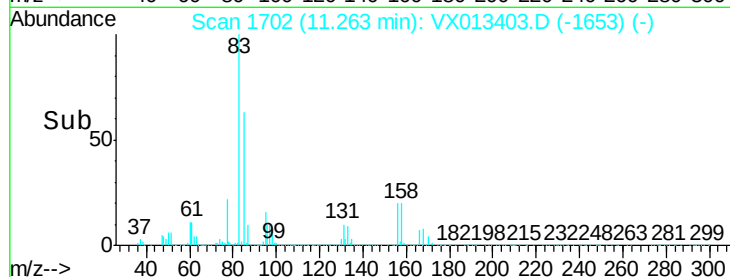
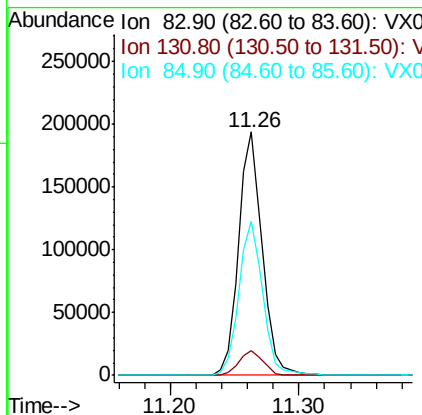
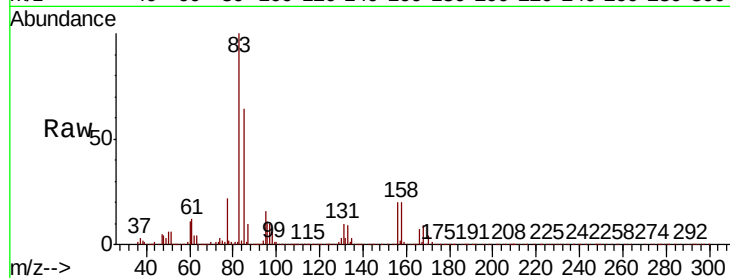
ClientSampleId :

VX1113WBSD01

Tot Ion:	83	Resp:	245304
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	64.4	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#76

1,2,3-Trichloropropane

Concen: 23.534 ug/l m

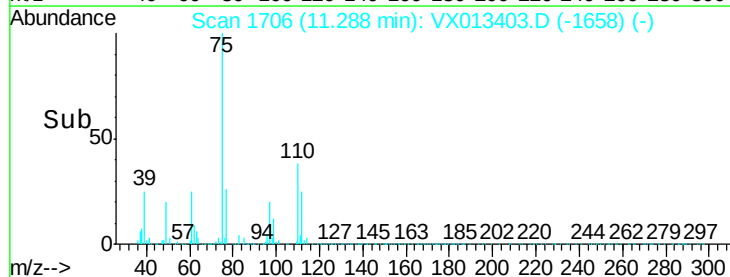
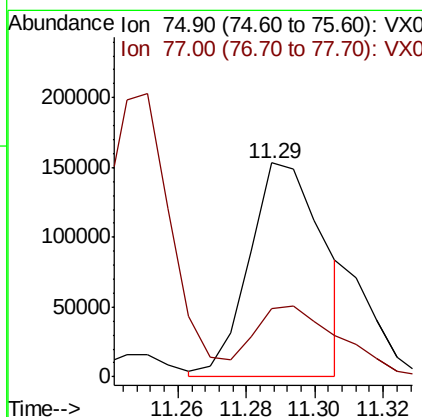
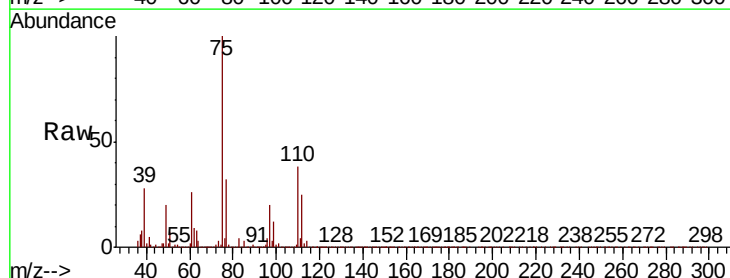
RT: 11.29 min Scan# 1706

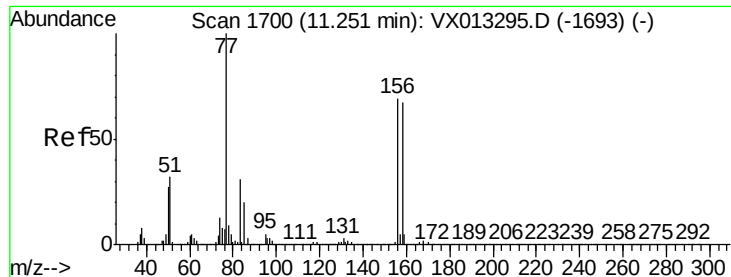
Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion:	75	Resp:	229341
Ion Ratio	Lower	Upper	
75	100		
77	37.7	22.3	66.8





#77

Bromobenzene

Concen: 21.517 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

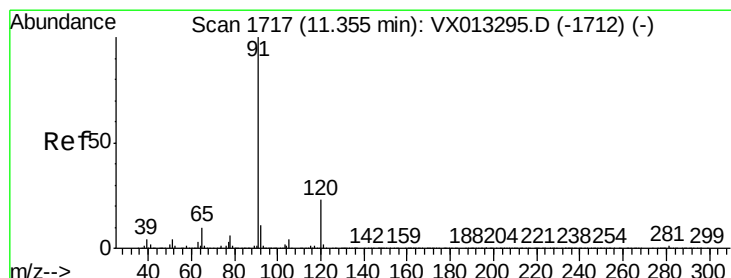
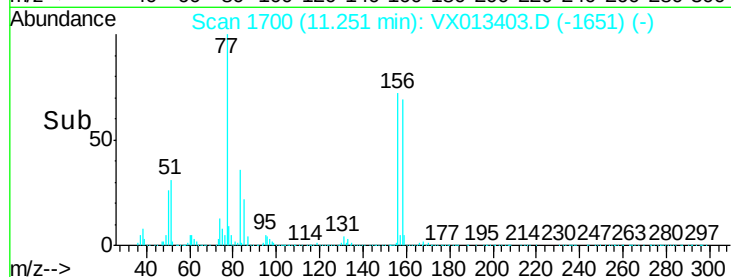
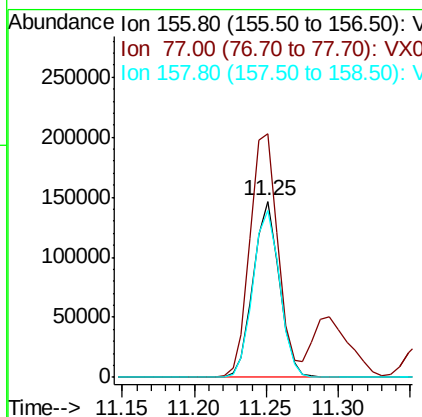
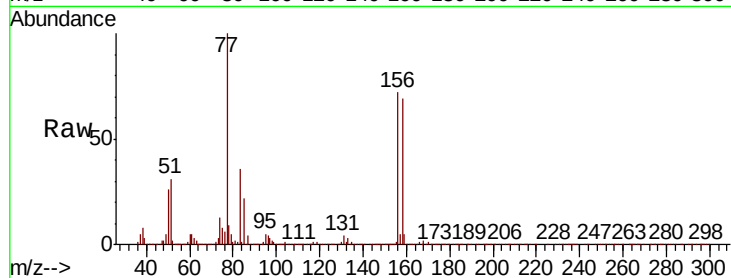
ClientSampleId :

VX1113WBSD01

Tot Ion:	156	Resp:	182469
Ion Ratio	Lower	Upper	
156	100		
77	150.0	75.8	227.4
158	98.1	47.6	142.8

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#78

n-propylbenzene

Concen: 22.133 ug/l

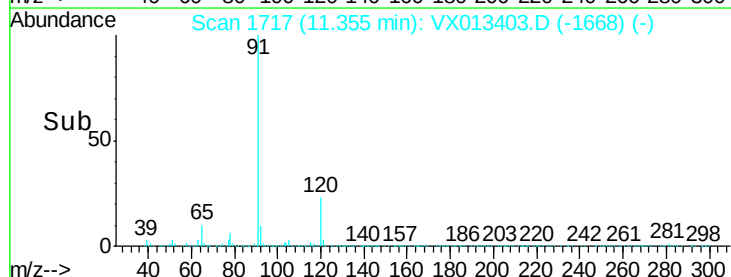
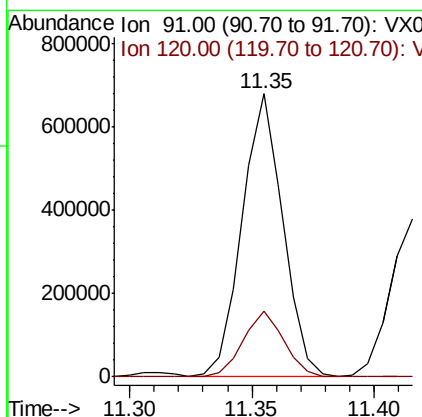
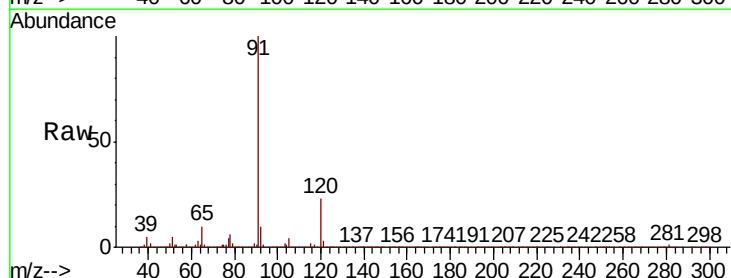
RT: 11.35 min Scan# 1717

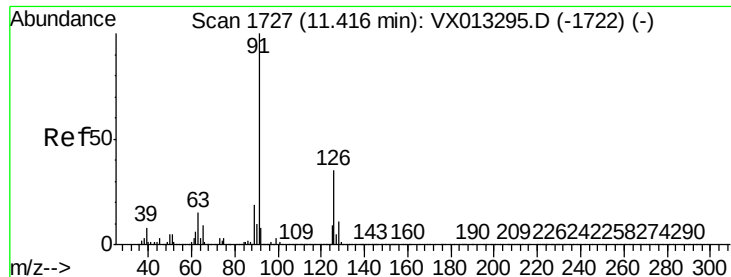
Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion:	91	Resp:	784276
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.8





#79

2-Chlorotoluene

Concen: 21.814 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 91 Resp: 465727

Ion Ratio Lower Upper

91 100

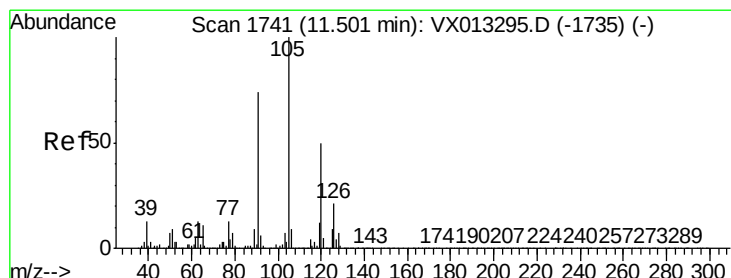
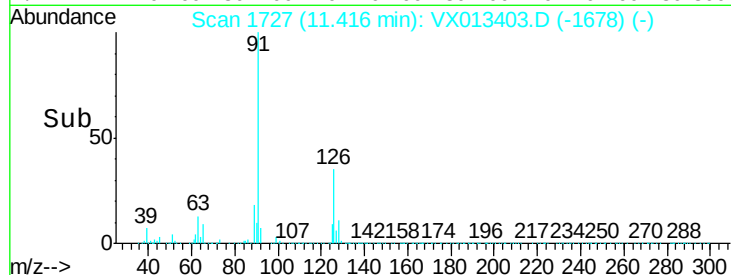
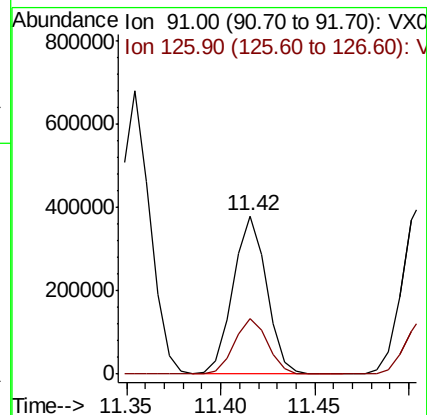
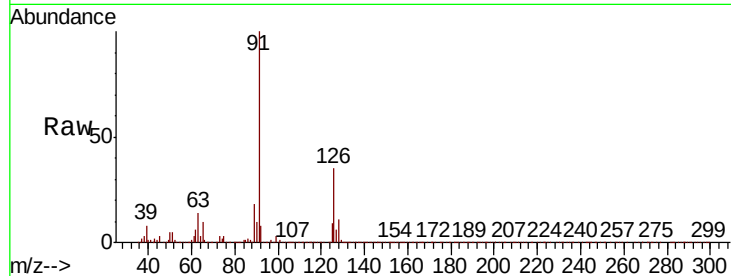
126 35.0 17.3 52.0

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



#80

1,3,5-Trimethylbenzene

Concen: 22.181 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013403.D

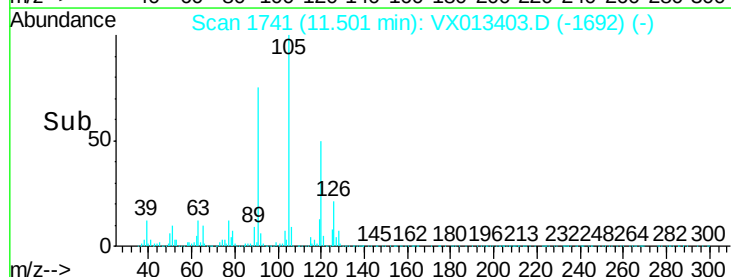
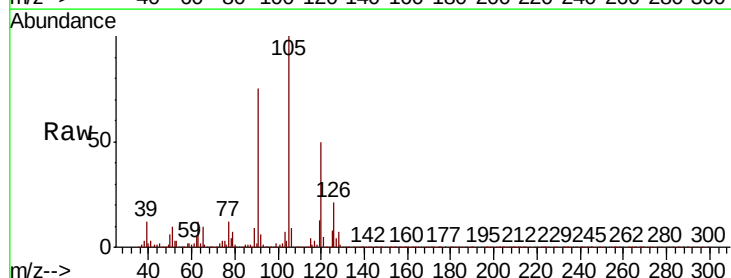
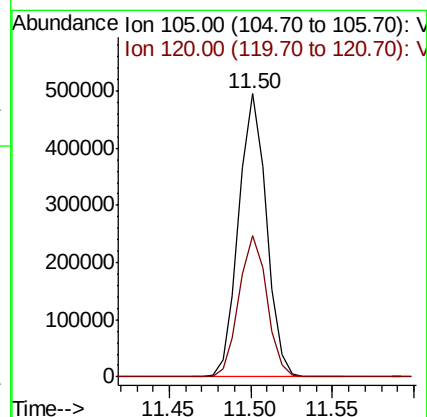
Acq: 13 Nov 2019 13:34

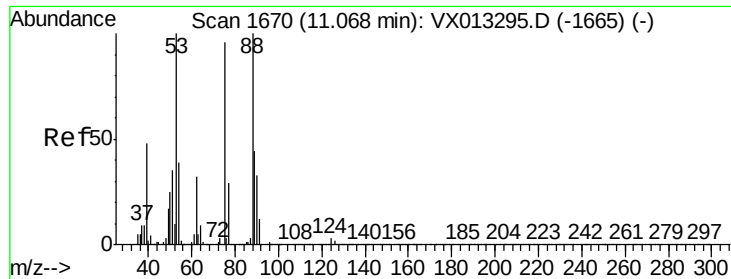
Tgt Ion: 105 Resp: 587711

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8





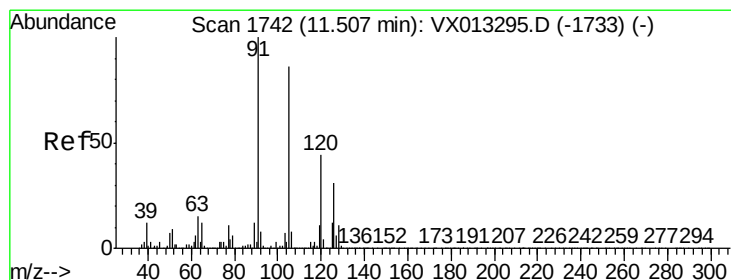
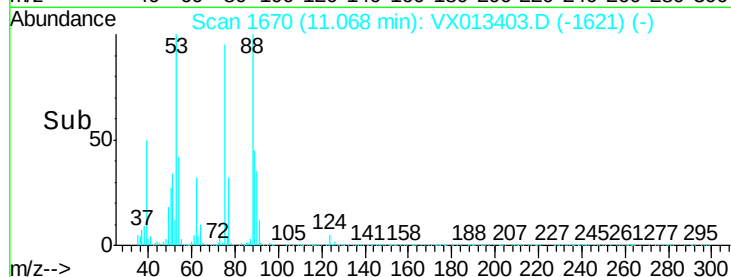
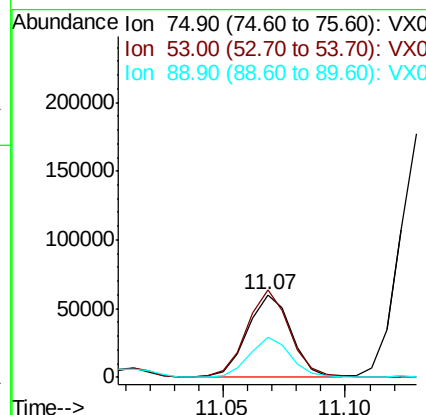
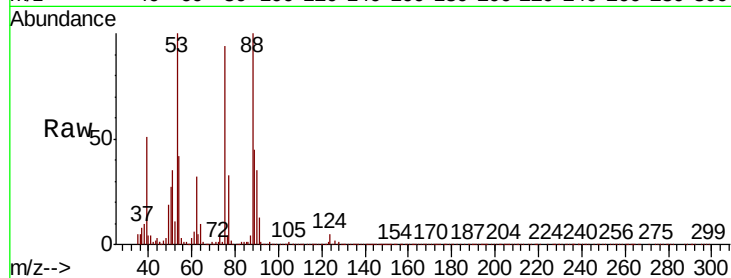
#81
trans-1,4-Dichloro-2-butene
Concen: 19.363 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	81.0	121.6
89	46.3	36.0	54.0

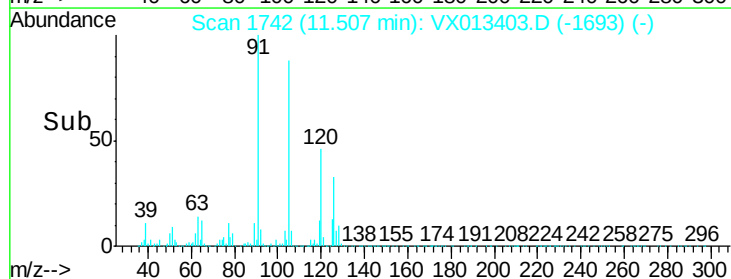
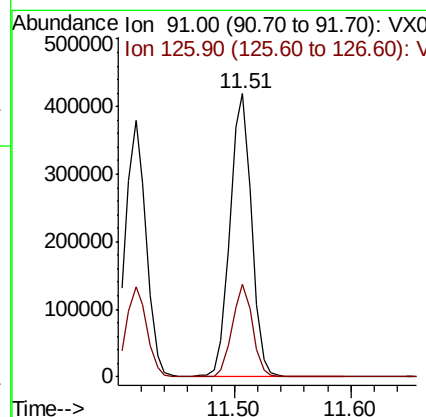
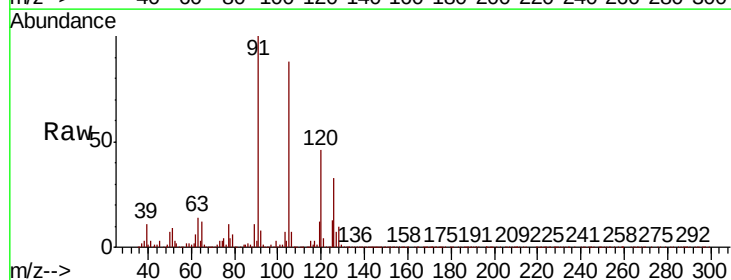
Manual Integrations
APPROVED

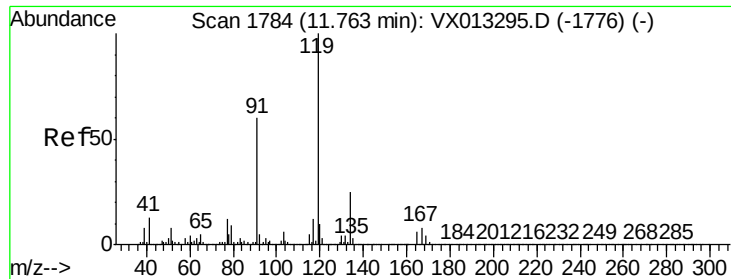
MMDadoda
11/14/2019 9:37:16 AM



#82
4-Chlorotoluene
Concen: 21.364 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.8





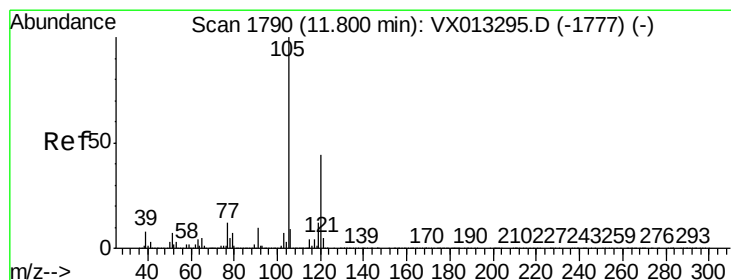
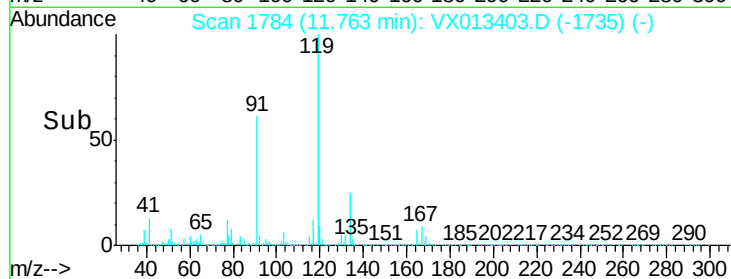
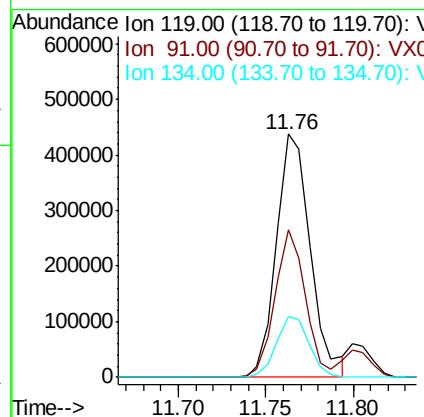
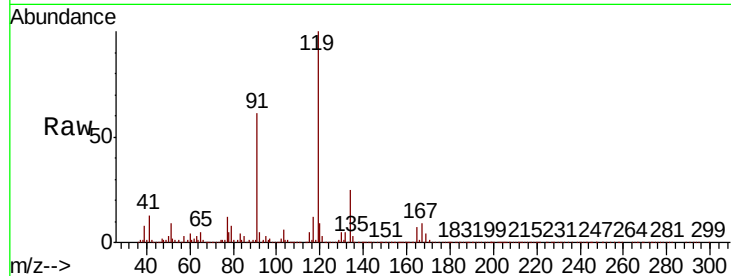
#83
 tert-Butylbenzene
 Concen: 22.375 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	596794		
91	54.4	26.9	80.7	
134	24.1	11.7	35.1	

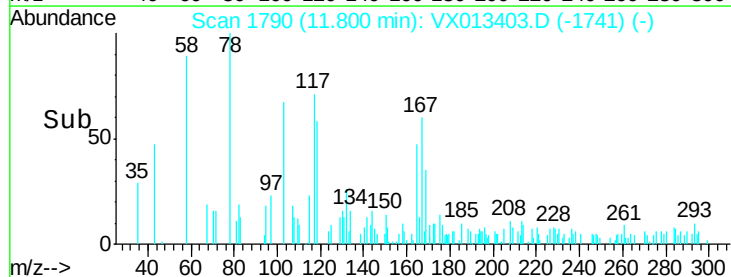
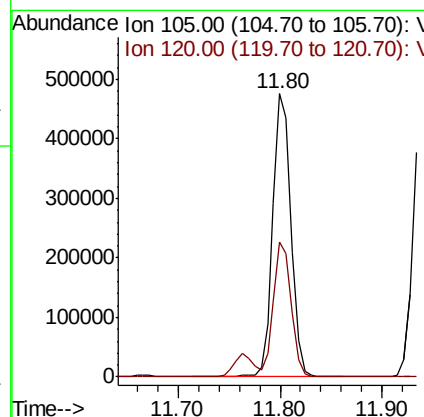
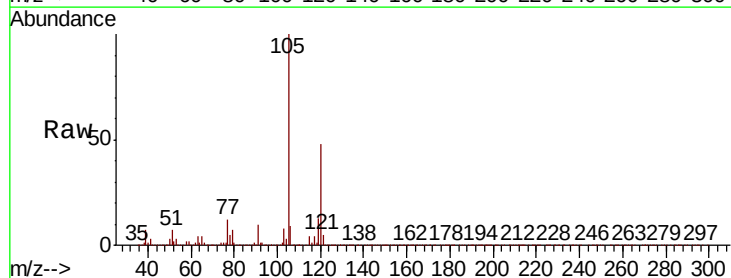
Manual Integrations
 APPROVED

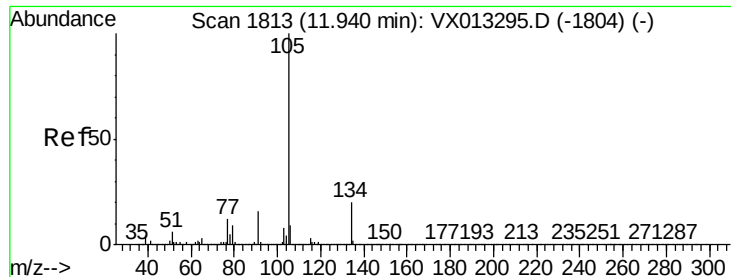
MMDadoda
 11/14/2019 9:37:16 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 22.047 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	586014		
120	46.3	22.7	68.1	





#85

sec-Butylbenzene

Concen: 22.166 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion:105 Resp: 679480

Ion Ratio Lower Upper

105 100

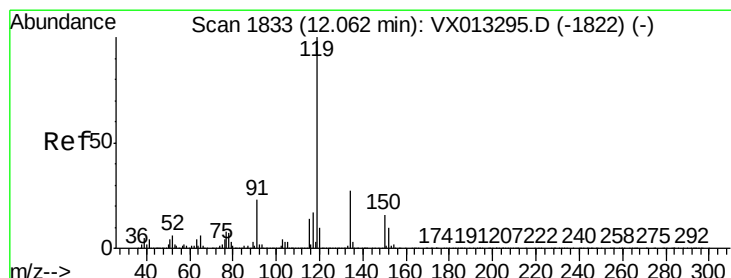
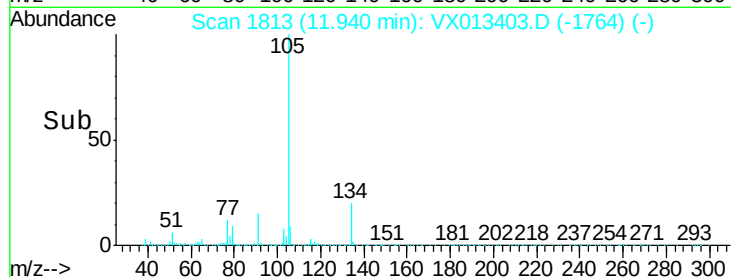
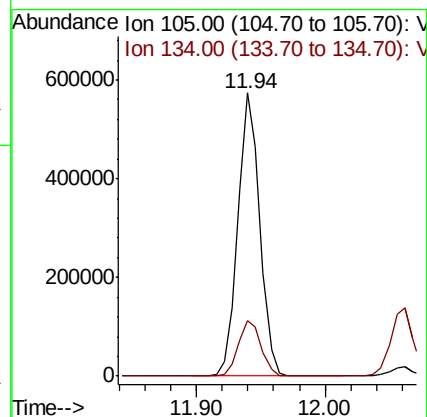
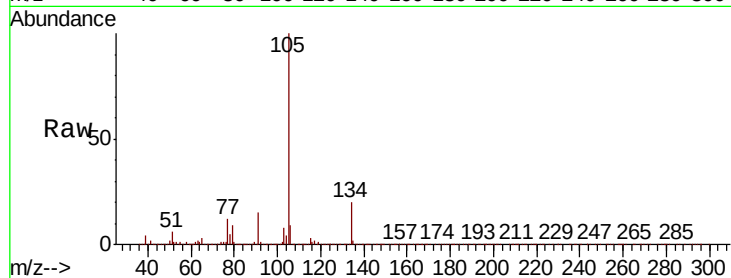
134 20.4 10.3 30.9

Manual Integrations

APPROVED

MMDadoda

11/14/2019 9:37:16 AM



#86

p-Isopropyltoluene

Concen: 22.128 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

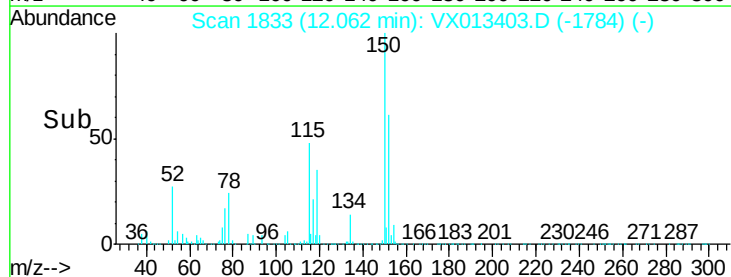
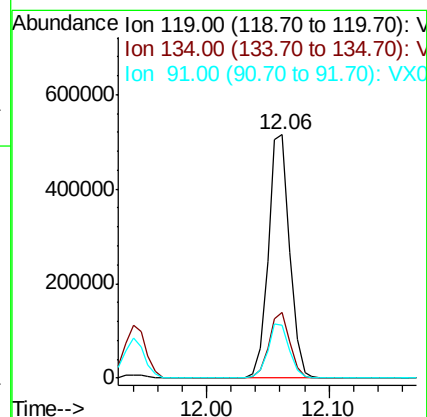
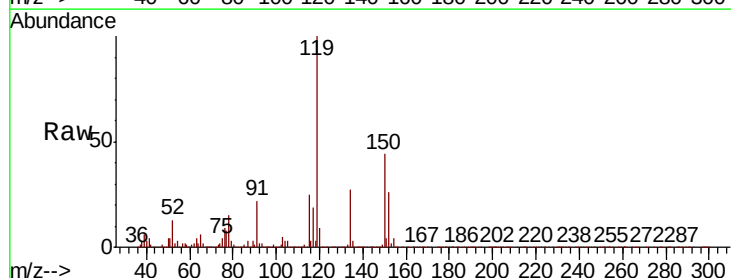
Tgt Ion:119 Resp: 624632

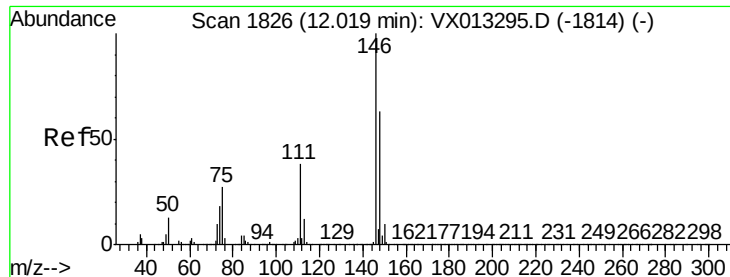
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 22.4 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 21.122 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

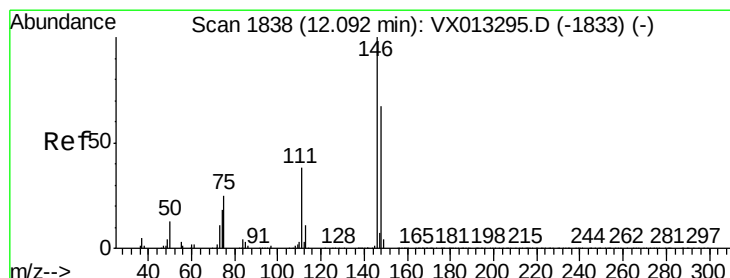
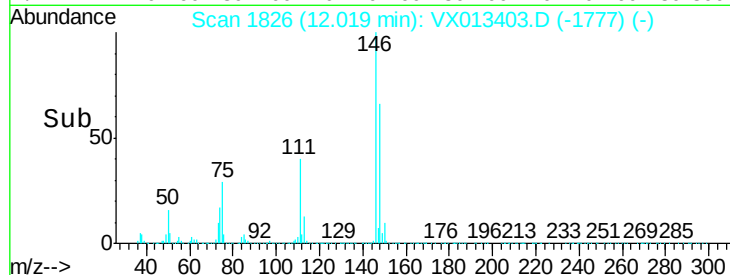
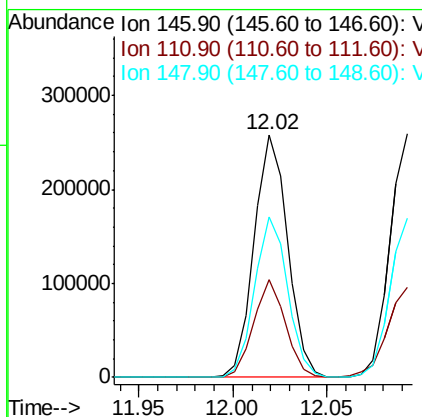
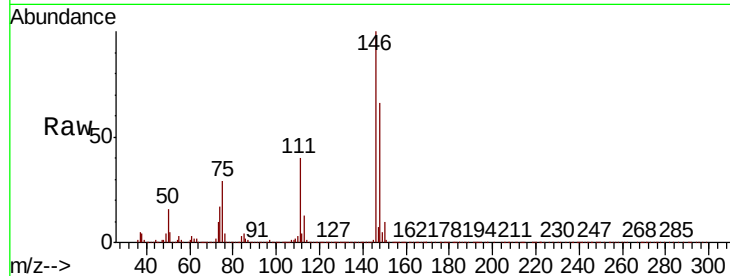
Instrument :
MSVOA_X

ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.5
148	65.2	31.9	95.7

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#88

1,4-Dichlorobenzene

Concen: 20.643 ug/l

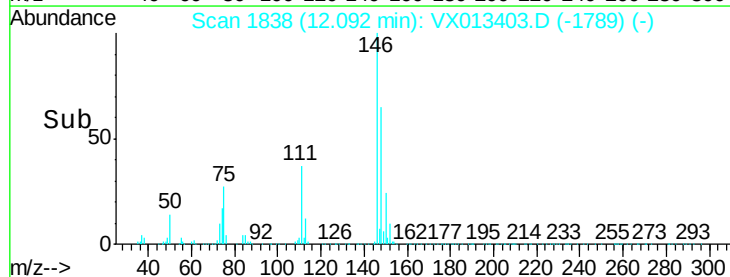
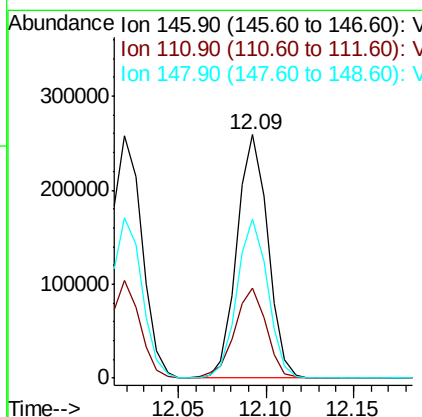
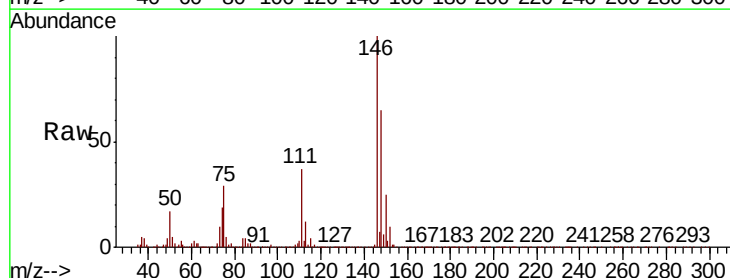
RT: 12.09 min Scan# 1838

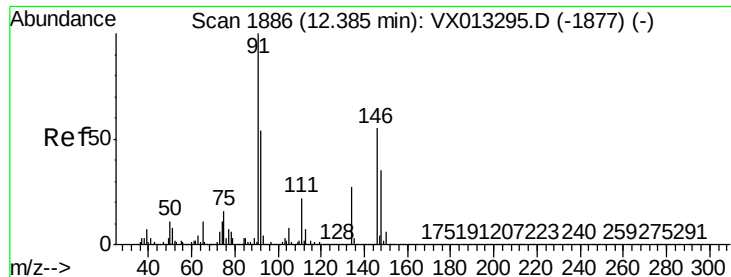
Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.4
148	65.2	32.4	97.0





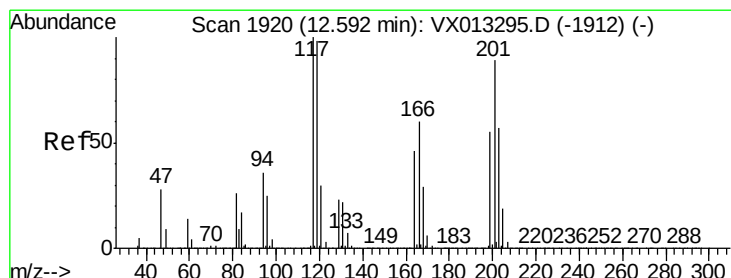
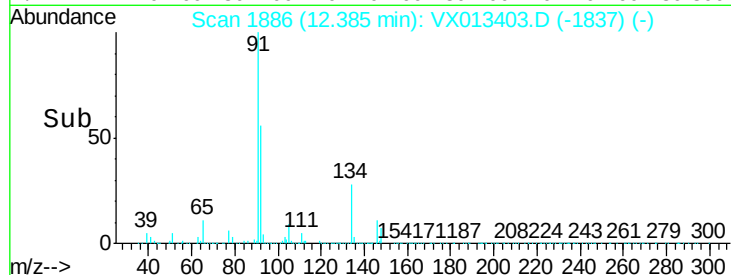
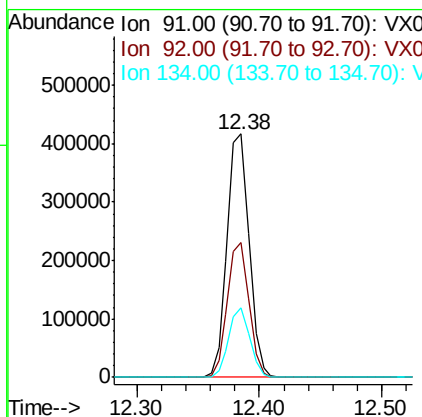
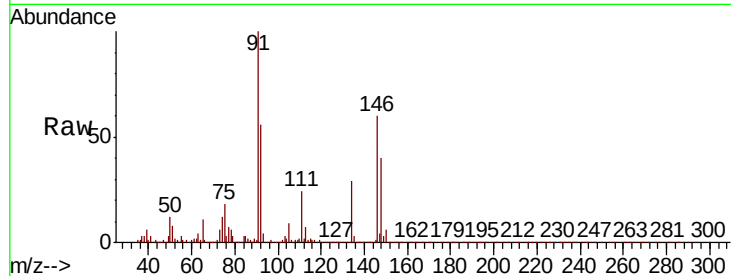
#89
n-Butylbenzene
Concen: 21.079 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	27.4	13.5	40.5

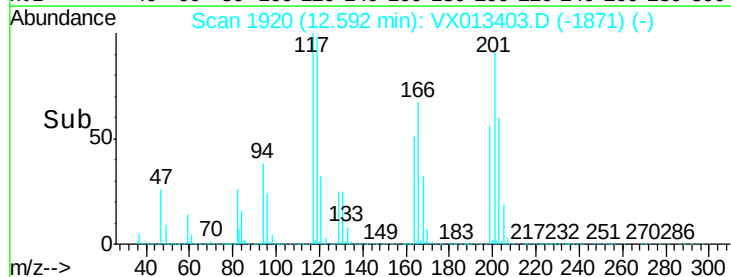
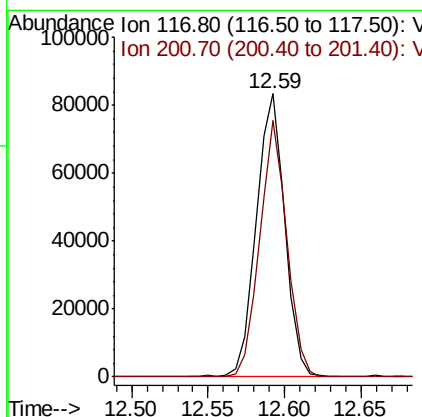
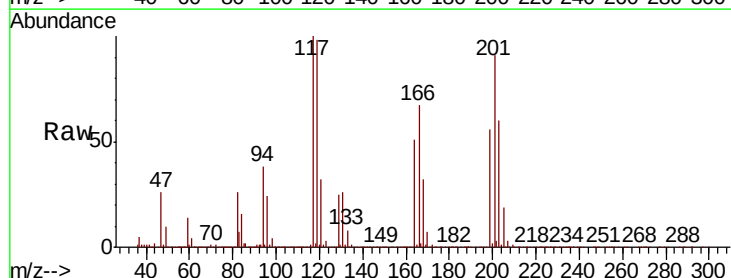
Manual Integrations
APPROVED

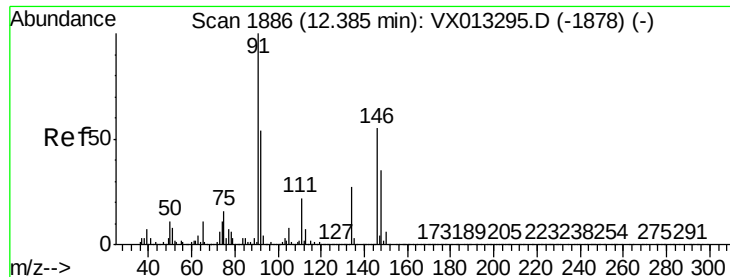
MMDadoda
11/14/2019 9:37:16 AM



#90
Hexachloroethane
Concen: 21.504 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	43.9	131.7





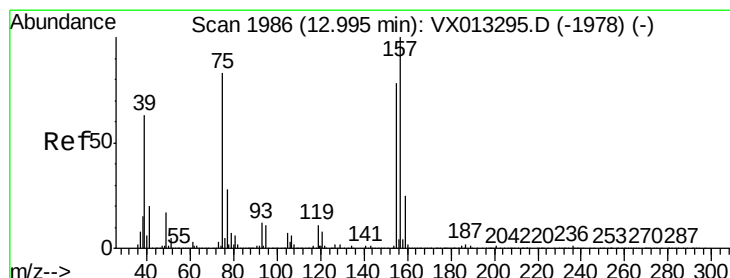
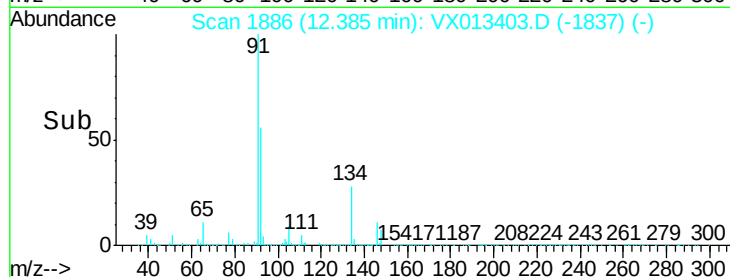
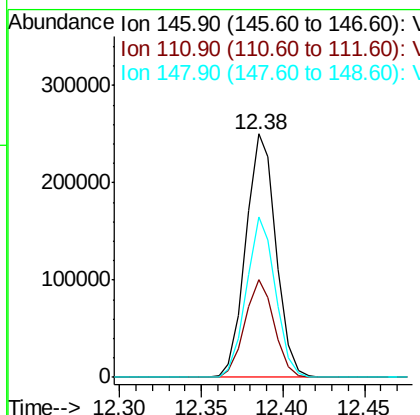
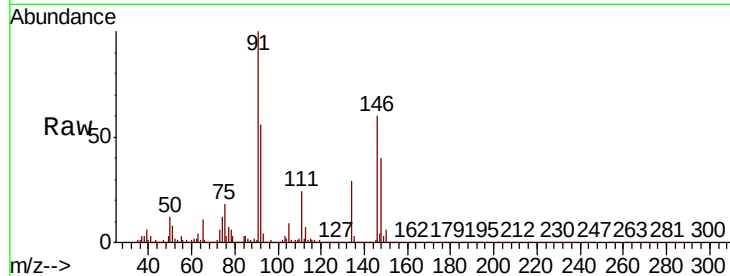
#91
 1,2-Dichlorobenzene
 Concen: 21.314 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	63.7	32.0	96.0

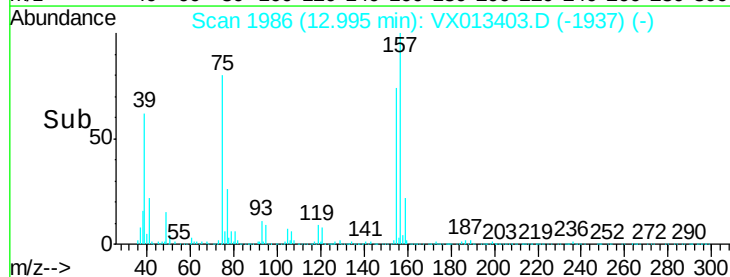
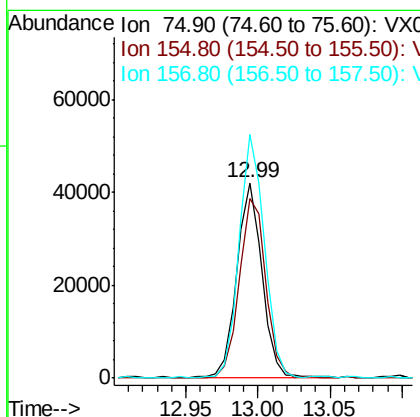
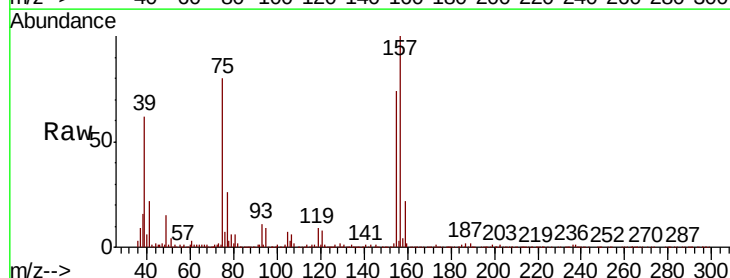
Manual Integrations
 APPROVED

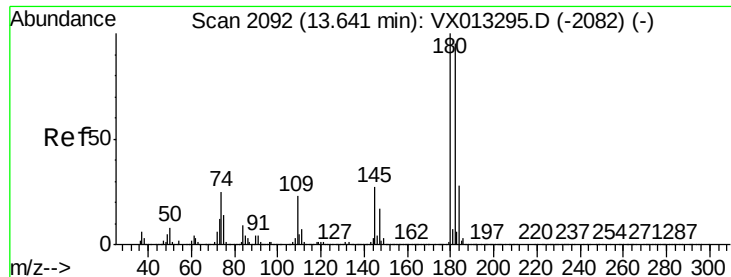
MMDadoda
 11/14/2019 9:37:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.408 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	47.1	141.4
157	122.6	61.3	183.8





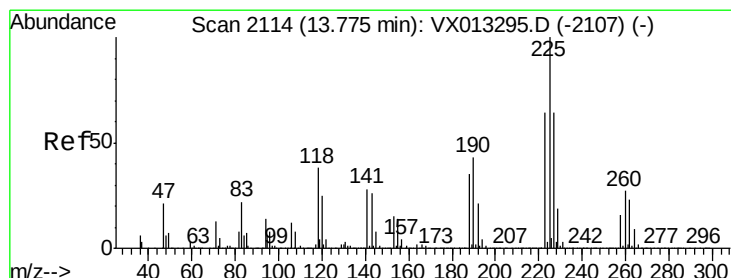
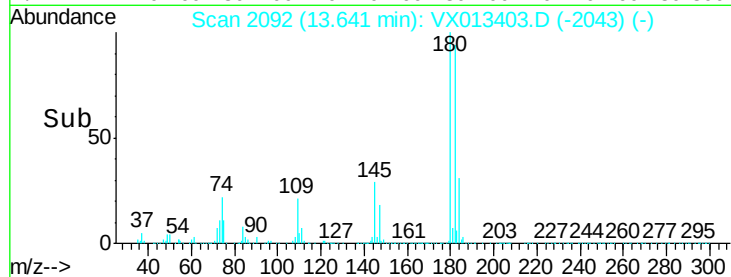
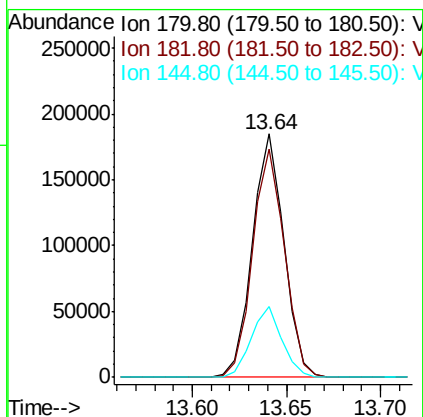
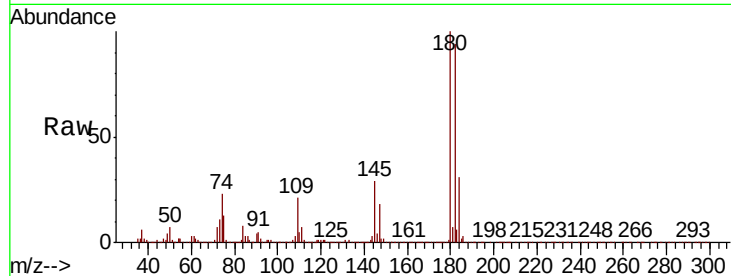
#93
1,2,4-Trichlorobenzene
Concen: 20.411 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	48.4	145.0
145	28.5	14.1	42.4

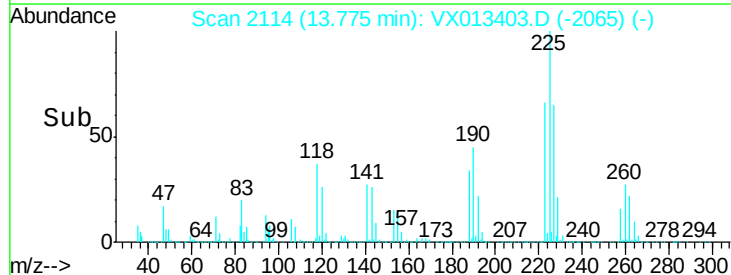
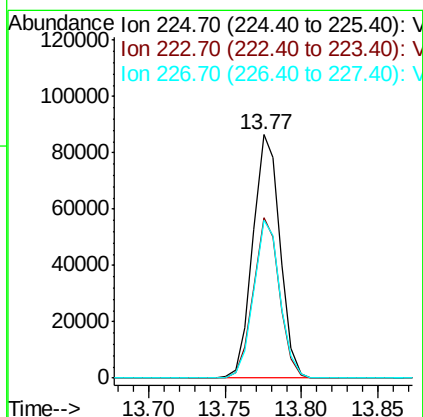
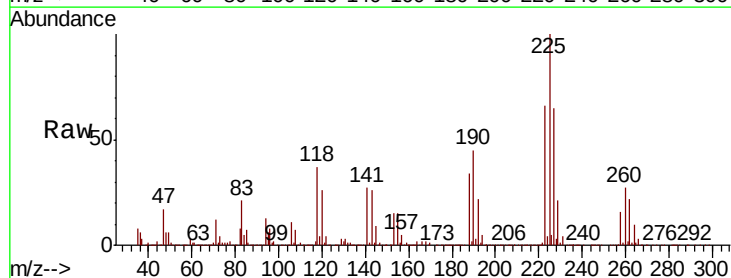
Manual Integrations
APPROVED

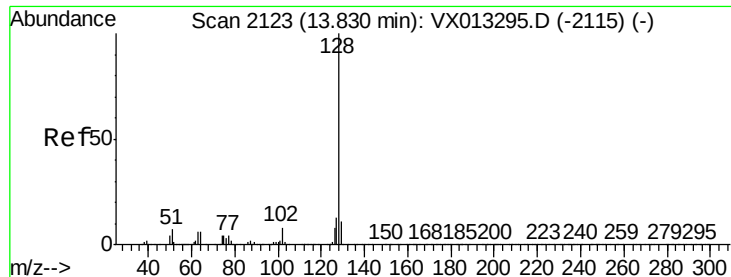
MMDadoda
11/14/2019 9:37:16 AM



#94
Hexachlorobutadiene
Concen: 20.723 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.5	31.9	95.7
227	63.0	31.9	95.9





#95

Naphthalene

Concen: 20.029 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

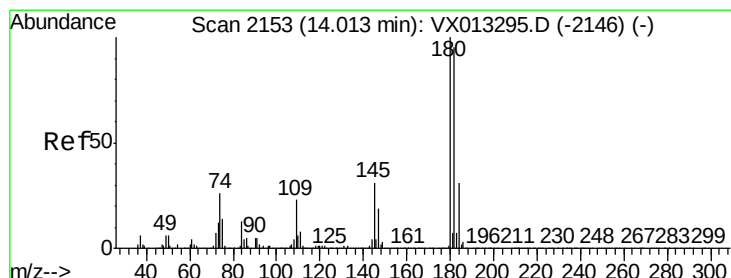
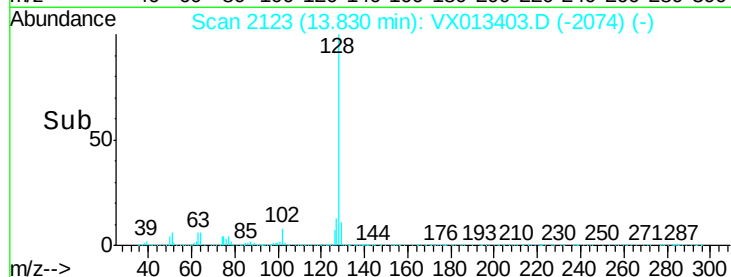
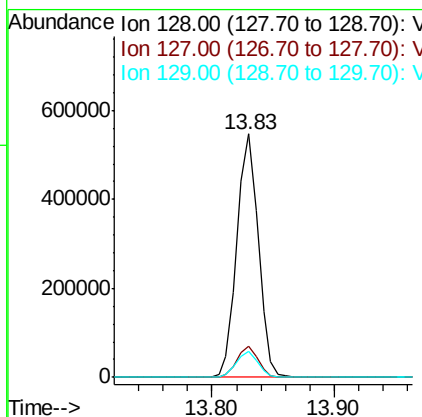
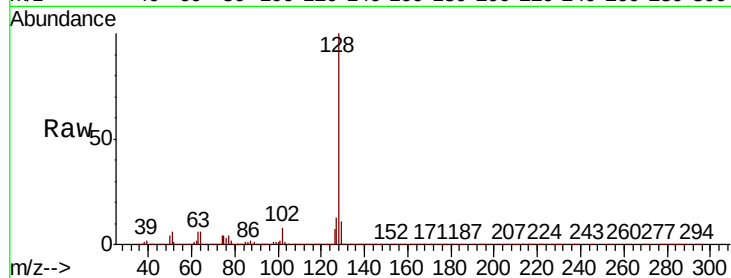
ClientSampleId :

VX1113WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		662350		
127	12.9	10.2	15.2		
129	10.7	8.5	12.7		

Manual Integrations
APPROVED

MMDadoda
11/14/2019 9:37:16 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.394 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		215569		
182	96.8	48.0	144.2		
145	30.7	15.4	46.4		

