

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014527.D
 Acq On : 10 Jan 2020 11:14
 Operator : JC/SP
 Sample : VX0110WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:41 AM

Quant Time: Jan 10 12:40:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	488795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	729210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	647718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	263302	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.48	113	218671	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.71	98	843828	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	299565	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	120914	20.077	ug/l	96
3) Chloromethane	1.32	50	124887	20.044	ug/l	95
4) Vinyl Chloride	1.40	62	143756	20.705	ug/l	96
5) Bromomethane	1.63	94	81841	17.783	ug/l	100
6) Chloroethane	1.72	64	78851	20.071	ug/l	97
7) Trichlorofluoromethane	1.92	101	155222	19.709	ug/l	100
8) Diethyl Ether	2.18	74	67675	18.835	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93044	19.418	ug/l	99
10) Methyl Iodide	2.50	142	112254	19.565	ug/l	100
11) Tert butyl alcohol	3.02	59	113071	99.243	ug/l	99
12) 1,1-Dichloroethene	2.37	96	91290	18.910	ug/l	96
13) Acrolein	2.28	56	69271	75.855	ug/l	99
14) Allyl chloride	2.72	41	160210	18.902	ug/l	96
15) Acrylonitrile	3.12	53	271626	98.780	ug/l	98
16) Acetone	2.43	43	268612	95.598	ug/l	99
17) Carbon Disulfide	2.56	76	245111	18.196	ug/l	99
18) Methyl Acetate	2.76	43	161569	20.601	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	301736	19.470	ug/l	98
20) Methylene Chloride	2.85	84	107918	19.660	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	98945	18.774	ug/l	99
22) Diisopropyl ether	3.84	45	330882	20.201	ug/l	93
23) Vinyl Acetate	3.80	43	1294341	102.067	ug/l	99
24) 1,1-Dichloroethane	3.69	63	178690	20.054	ug/l	99
25) 2-Butanone	4.65	43	390542	95.816	ug/l	100
26) 2,2-Dichloropropane	4.58	77	144329	19.121	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	113183	19.211	ug/l	97
28) Bromochloromethane	5.00	49	72450	19.296	ug/l	97
29) Tetrahydrofuran	5.11	42	237827	98.689	ug/l	99
30) Chloroform	5.19	83	175723	20.182	ug/l	100
31) Cyclohexane	5.57	56	169125	20.278	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	149124	20.009	ug/l	99
36) 1,1-Dichloropropene	5.79	75	133188	19.422	ug/l	100
37) Ethyl Acetate	4.81	43	145570	19.543	ug/l	98
38) Carbon Tetrachloride	5.78	117	125243	19.847	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014527.D
 Acq On : 10 Jan 2020 11:14
 Operator : JC/SP
 Sample : VX0110WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0110WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:41 AM

Quant Time: Jan 10 12:40:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	170181	19.753	ug/l	95
40) Benzene	6.13	78	409005	20.095	ug/l	98
41) Methacrylonitrile	5.03	41	77045	19.396	ug/l	97
42) 1,2-Dichloroethane	6.18	62	141092	19.827	ug/l	99
43) Isopropyl Acetate	6.43	43	238761	19.842	ug/l	99
44) Trichloroethene	7.20	130	116029	19.837	ug/l	96
45) 1,2-Dichloropropane	7.51	63	105911	20.411	ug/l	97
46) Dibromomethane	7.65	93	69037	19.062	ug/l	98
47) Bromodichloromethane	7.89	83	132012	20.032	ug/l	94
48) Methyl methacrylate	7.76	41	115678	20.072	ug/l	98
49) 1,4-Dioxane	7.73	88	49369	404.285	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	743101	101.344	ug/l	99
52) Toluene	8.78	92	259016	19.880	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145895	19.016	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165152	19.927	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103526	19.783	ug/l	94
56) Ethyl methacrylate	9.17	69	158560	19.777	ug/l	98
57) 1,3-Dichloropropane	9.36	76	173769	19.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	261543	95.880	ug/l	100
59) 2-Hexanone	9.48	43	572421	98.663	ug/l	99
60) Dibromochloromethane	9.57	129	105607	20.077	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106745	19.256	ug/l	100
64) Tetrachloroethene	9.33	164	123173	18.974	ug/l	99
65) Chlorobenzene	10.14	112	279122	19.857	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	99821	19.899	ug/l	99
67) Ethyl Benzene	10.25	91	488904	20.406	ug/l	98
68) m/p-Xylenes	10.35	106	370508	40.085	ug/l	99
69) o-Xylene	10.69	106	182117	20.650	ug/l	97
70) Styrene	10.71	104	303479	19.940	ug/l	99
71) Bromoform	10.85	173	77757	18.945	ug/l #	98
73) Isopropylbenzene	11.01	105	475962	20.699	ug/l	99
74) N-amyl acetate	10.89	43	202944	20.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151465	20.540	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	130597m	19.276	ug/l	
77) Bromobenzene	11.25	156	122930	19.277	ug/l	99
78) n-propylbenzene	11.35	91	541334	20.556	ug/l	99
79) 2-Chlorotoluene	11.42	91	320126	20.397	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	397925	20.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46973	18.330	ug/l	91
82) 4-Chlorotoluene	11.51	91	366172	19.876	ug/l	99
83) tert-Butylbenzene	11.76	119	375220	20.801	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	397374	20.599	ug/l	100
85) sec-Butylbenzene	11.94	105	461315	20.572	ug/l	99
86) p-Isopropyltoluene	12.06	119	423385	20.347	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	218061	19.054	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	219552	20.069	ug/l	98
89) n-Butylbenzene	12.38	91	360283	18.936	ug/l	99
90) Hexachloroethane	12.59	117	70961	19.414	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	220893	19.701	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31265	18.849	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
Data File : VX014527.D
Acq On : 10 Jan 2020 11:14
Operator : JC/SP
Sample : VX0110WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM

Quant Time: Jan 10 12:40:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	149262	18.898	ug/l	99
94) Hexachlorobutadiene	13.77	225	73441	19.963	ug/l	97
95) Naphthalene	13.83	128	432671	17.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	145501	18.671	ug/l	98

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

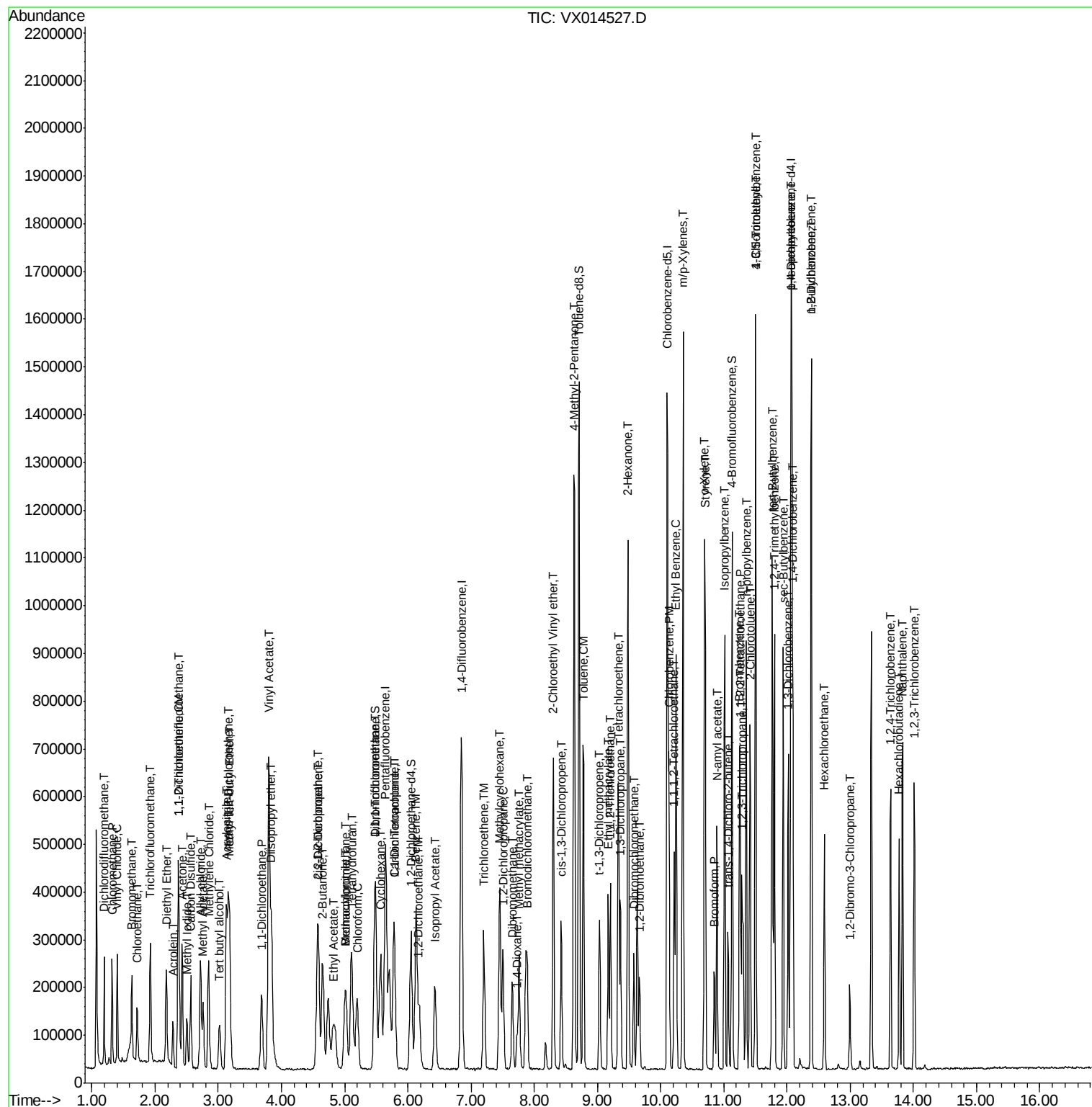
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014527.D
 Acq On : 10 Jan 2020 11:14
 Operator : JC/SP
 Sample : VX0110WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

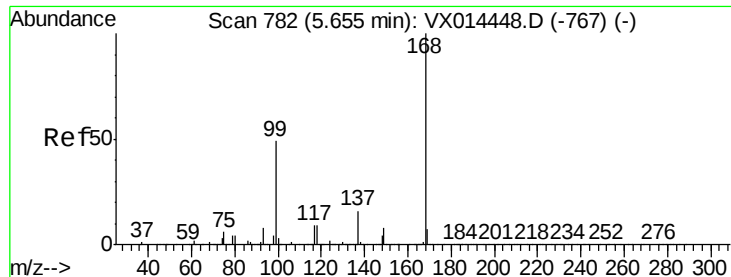
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0110WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:41 AM

Quant Time: Jan 10 12:40:30 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration





#1

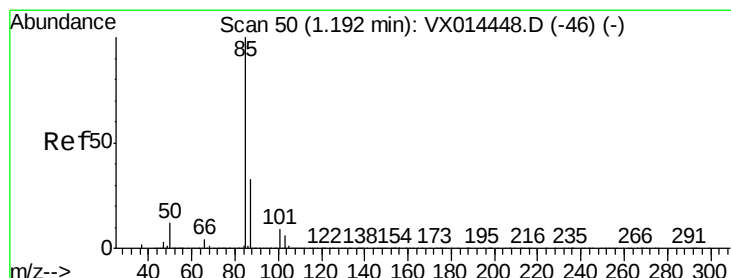
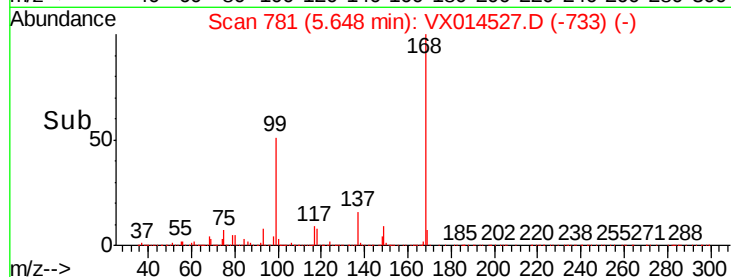
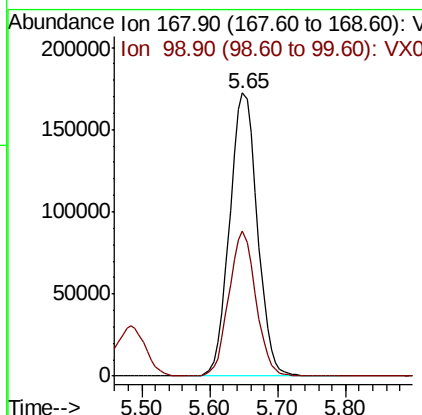
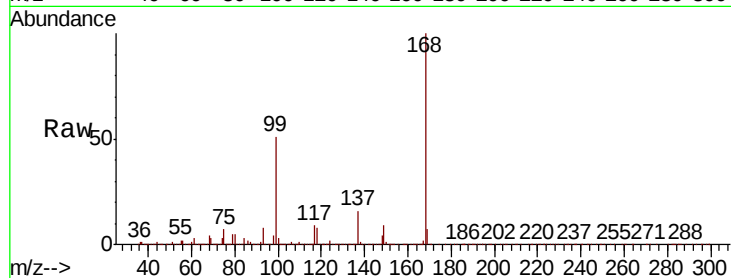
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.2	58.8

Manual Integrations
APPROVED

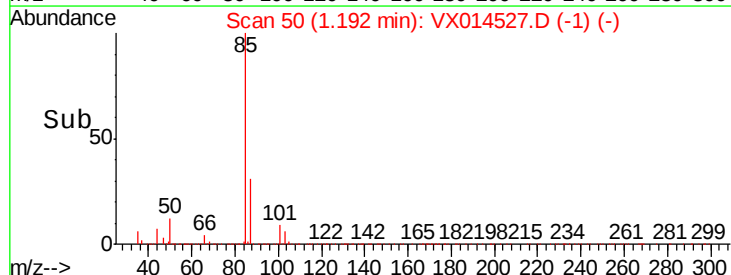
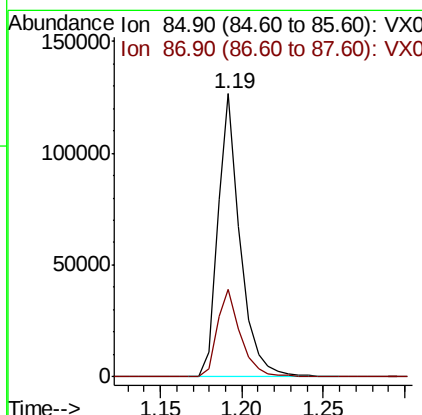
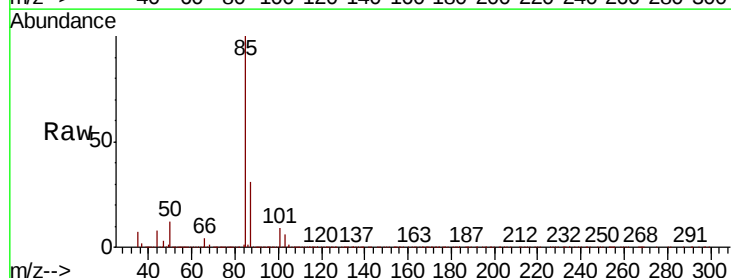
MMDadoda
1/13/2020 11:34:41 AM

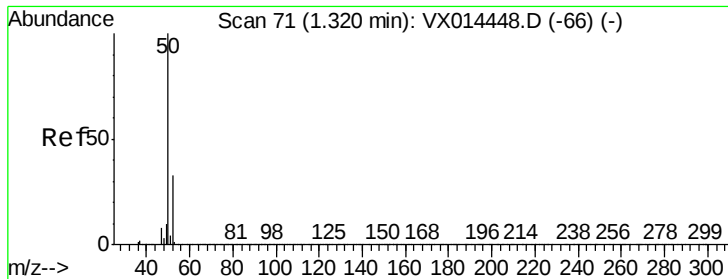


#2

Dichlorodifluoromethane
Concen: 20.077 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.5	49.5





#3

Chloromethane

Concen: 20.044 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 50 Resp: 124887

Ion Ratio Lower Upper

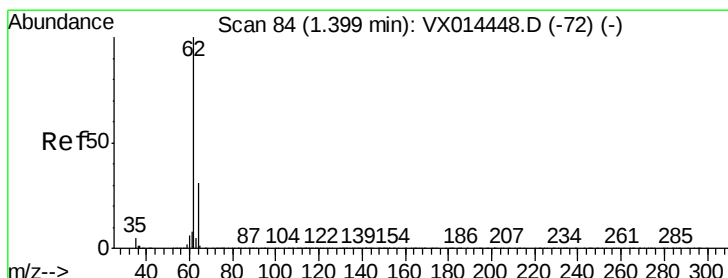
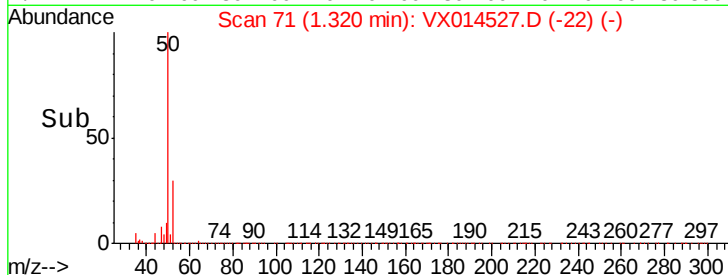
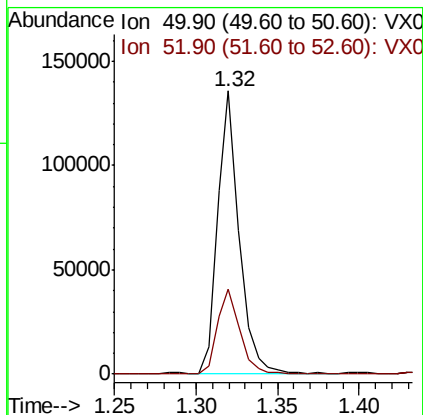
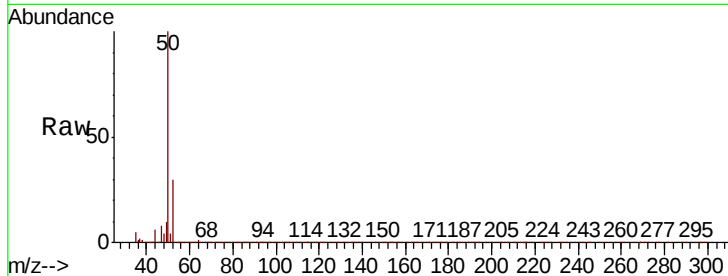
50 100

52 30.1 26.1 39.1

Manual Integrations
APPROVED

MMDadoda

1/13/2020 11:34:41 AM



#4

Vinyl Chloride

Concen: 20.705 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014527.D

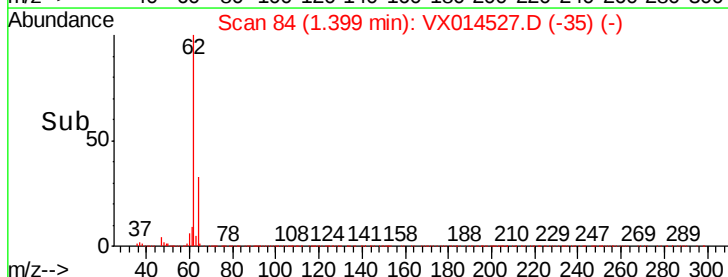
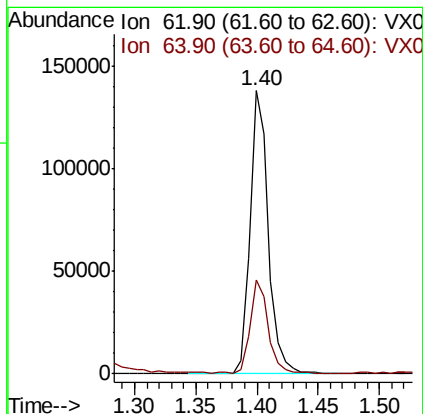
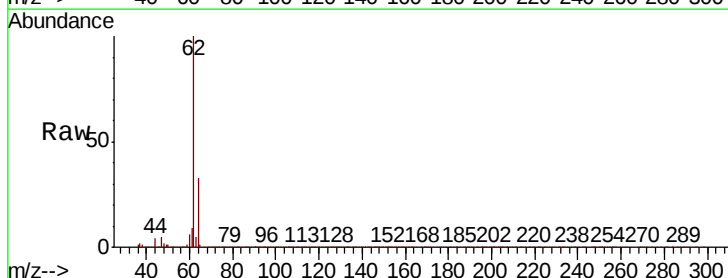
Acq: 10 Jan 2020 11:14

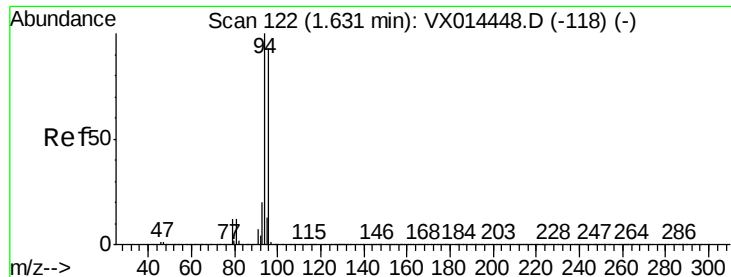
Tgt Ion: 62 Resp: 143756

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0





#5

Bromomethane

Concen: 17.783 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 94 Resp: 81841

Ion Ratio Lower Upper

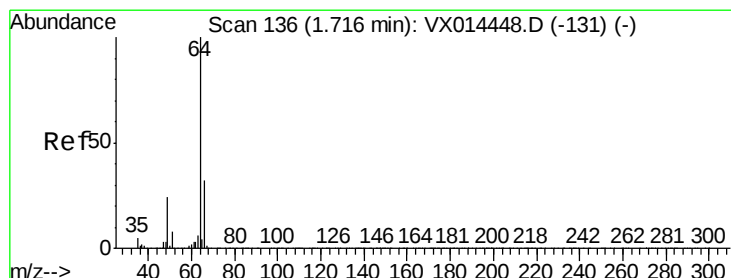
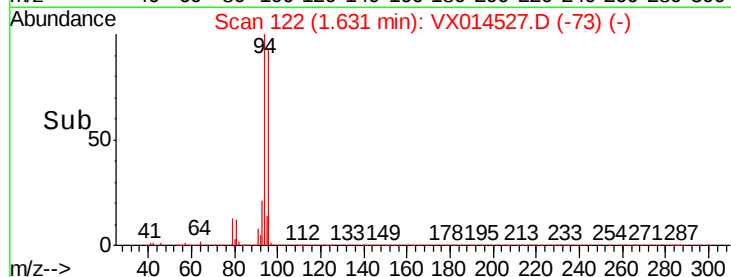
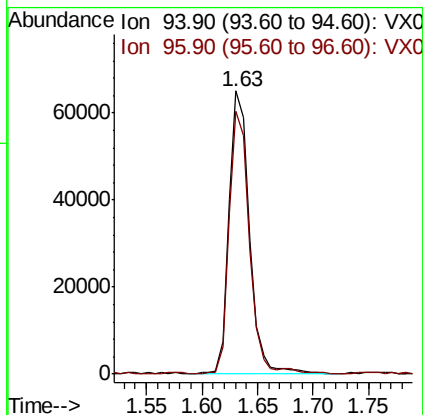
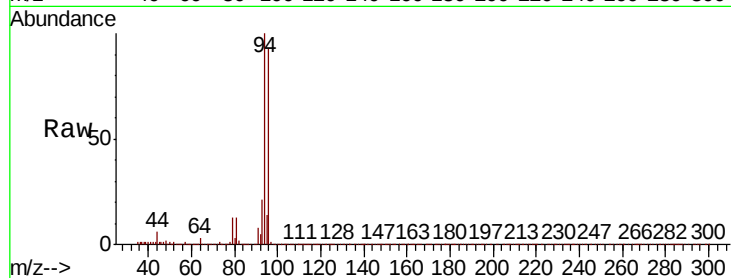
94 100

96 92.9 74.2 111.2

Manual Integrations
APPROVED

MMDadoda

1/13/2020 11:34:41 AM



#6

Chloroethane

Concen: 20.071 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014527.D

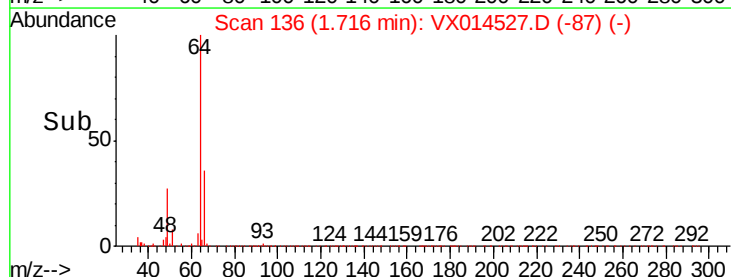
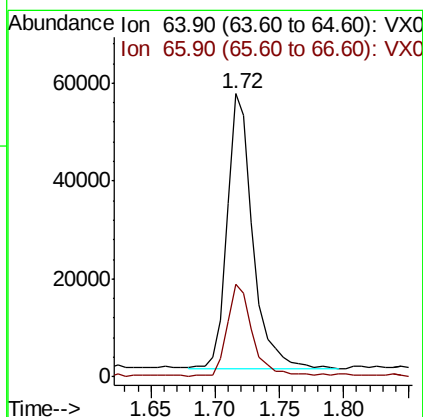
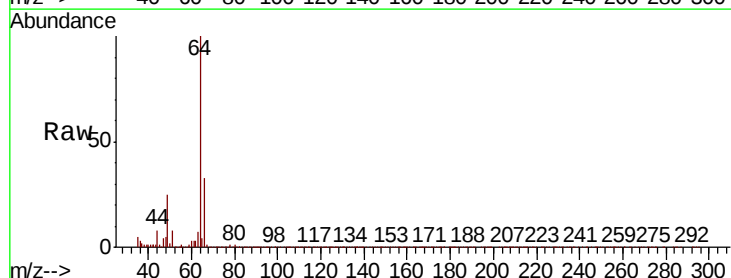
Acq: 10 Jan 2020 11:14

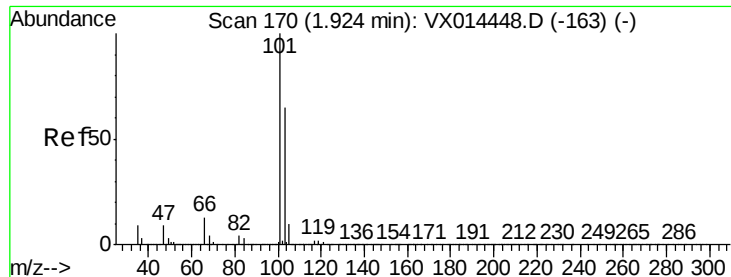
Tgt Ion: 64 Resp: 78851

Ion Ratio Lower Upper

64 100

66 33.5 25.3 37.9





#7

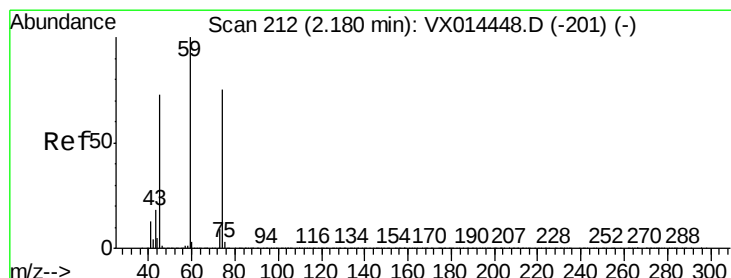
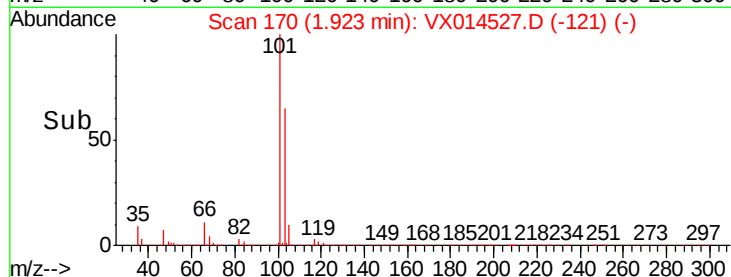
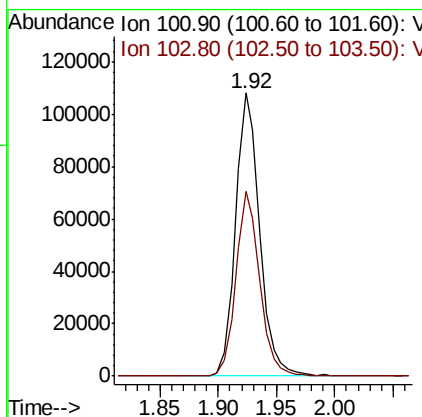
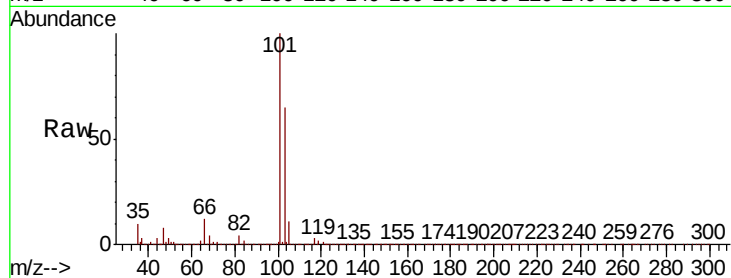
Trichlorofluoromethane
Concen: 19.709 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.4

Manual Integrations
APPROVED

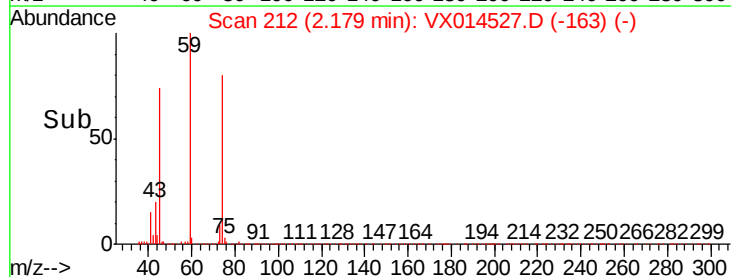
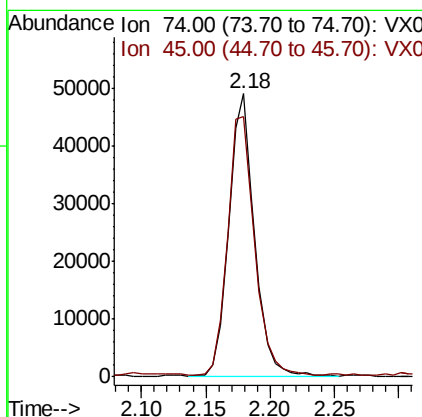
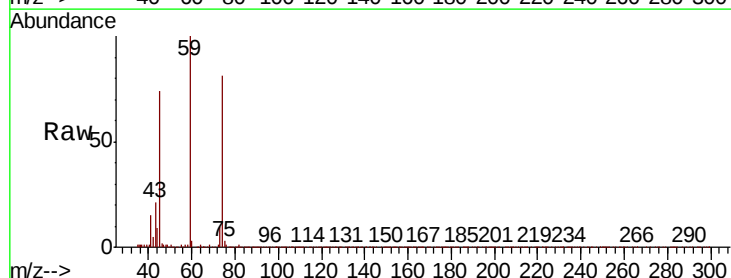
MMDadoda
1/13/2020 11:34:41 AM

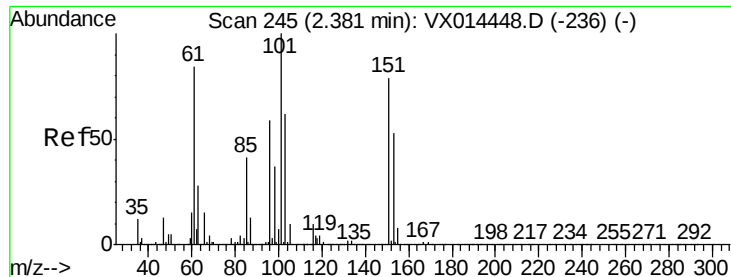


#8

Diethyl Ether
Concen: 18.835 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.418 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

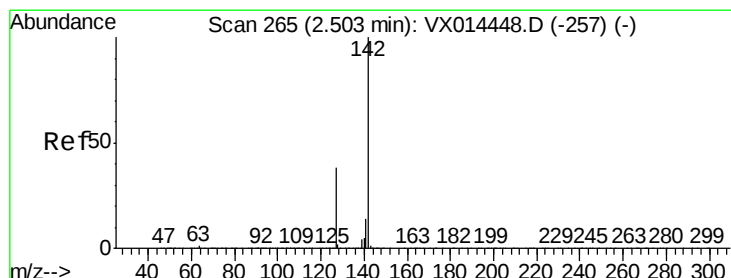
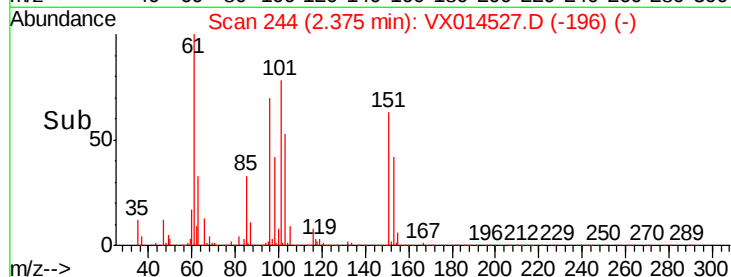
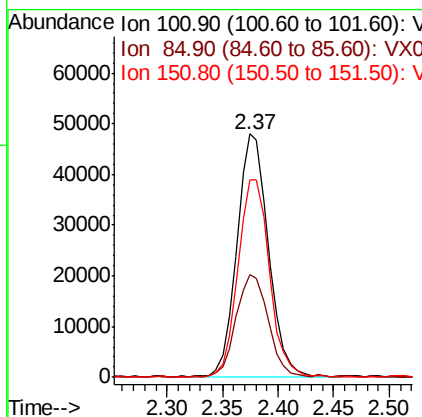
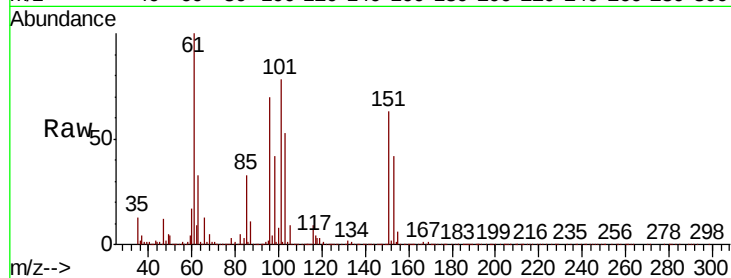
ClientSampleId :

VX0110WBSD01

Tot Ion:	101	Resp:	93044
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.8	50.8
151	82.7	65.3	97.9

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#10

Methyl Iodide

Concen: 19.565 ug/l

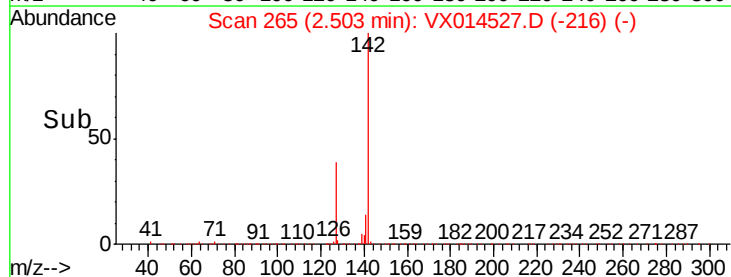
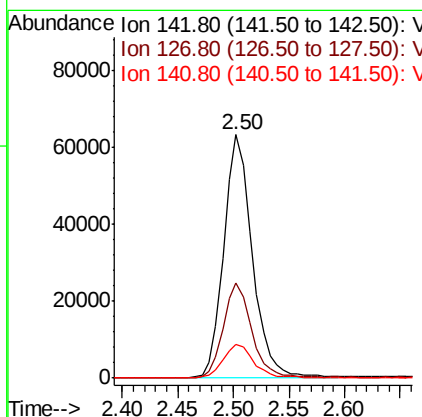
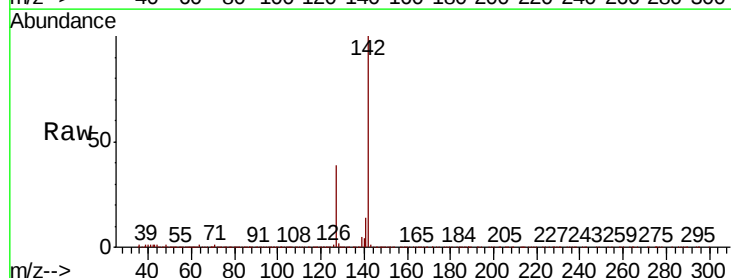
RT: 2.50 min Scan# 265

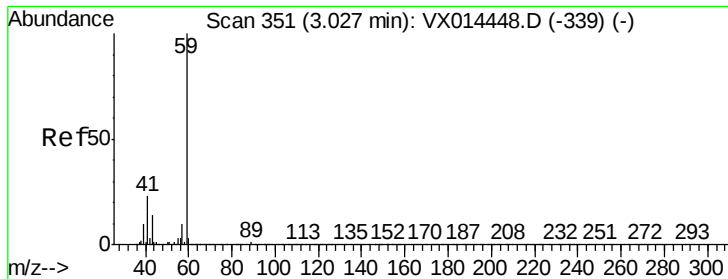
Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:	142	Resp:	112254
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.2	46.8
141	14.7	11.4	17.2





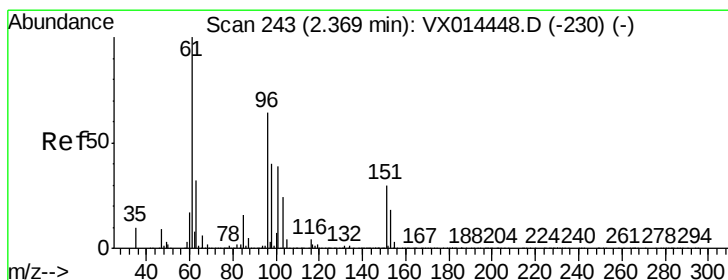
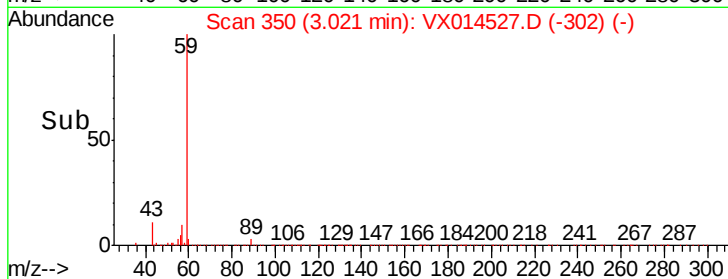
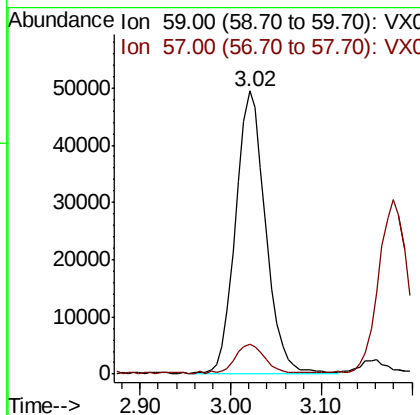
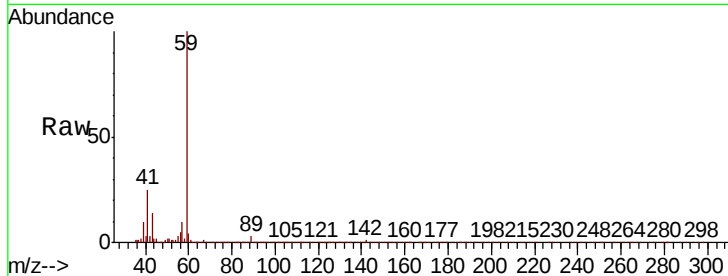
#11
Tert butyl alcohol
Concen: 99.243 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

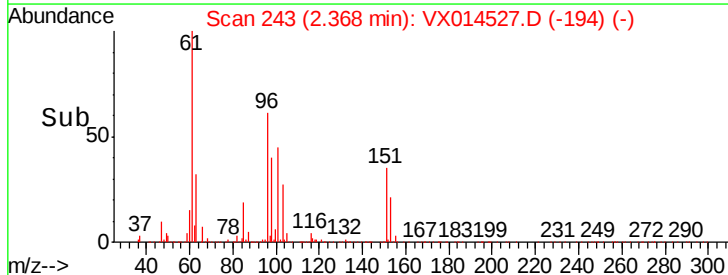
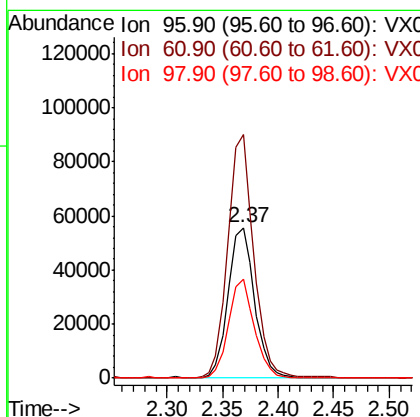
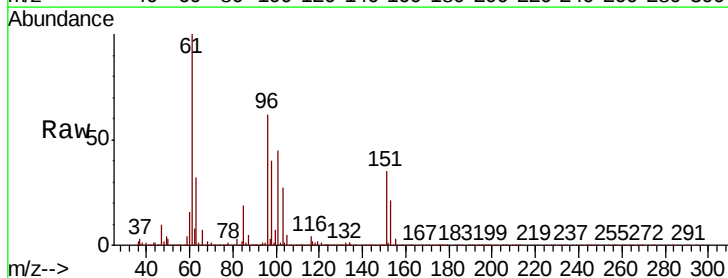
Manual Integrations
APPROVED

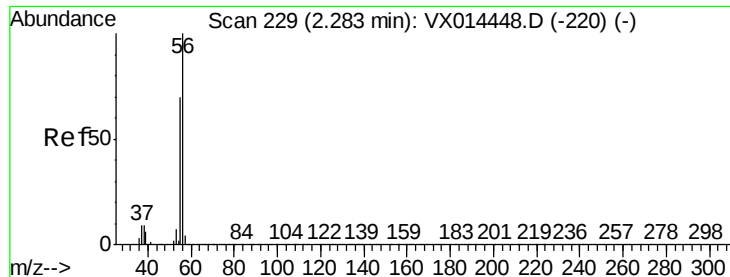
MMDadoda
1/13/2020 11:34:41 AM



#12
1,1-Dichloroethene
Concen: 18.910 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	125.0	187.6
98	65.5	50.2	75.2





#13

Acrolein

Concen: 75.855 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 56 Resp: 69271

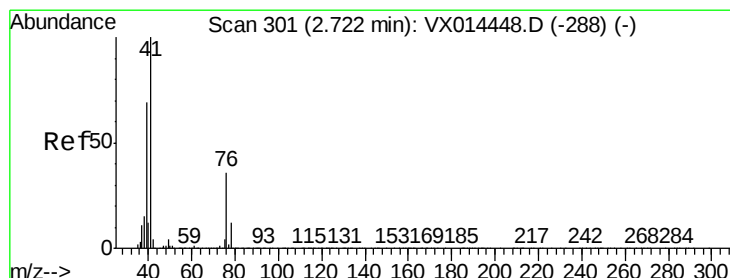
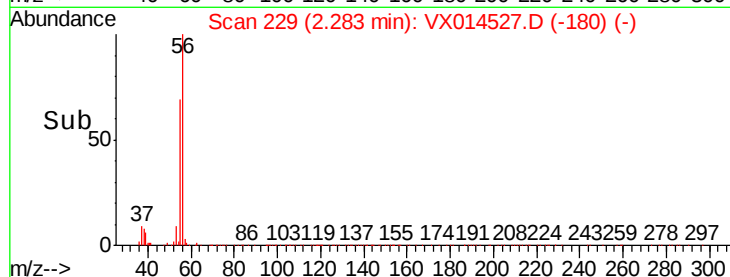
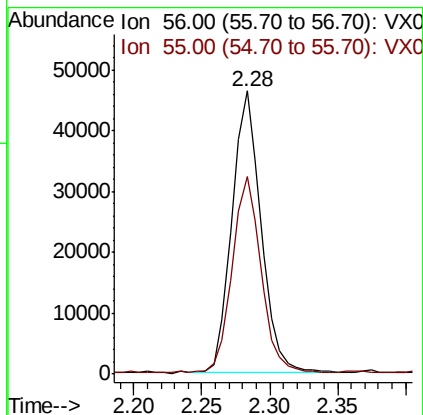
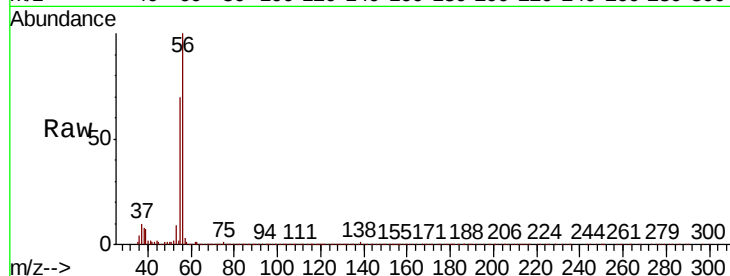
Ion Ratio Lower Upper

56 100

55 69.6 55.0 82.6

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#14

Allyl chloride

Concen: 18.902 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

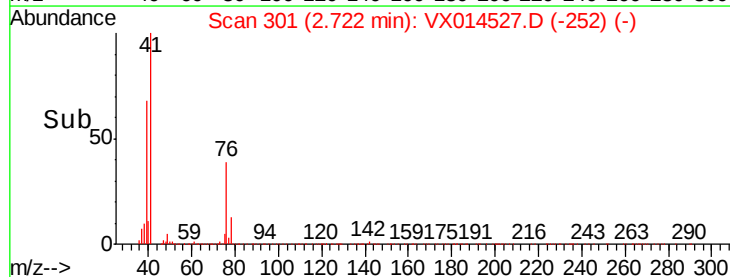
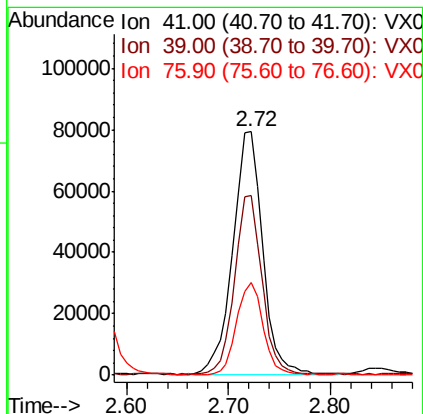
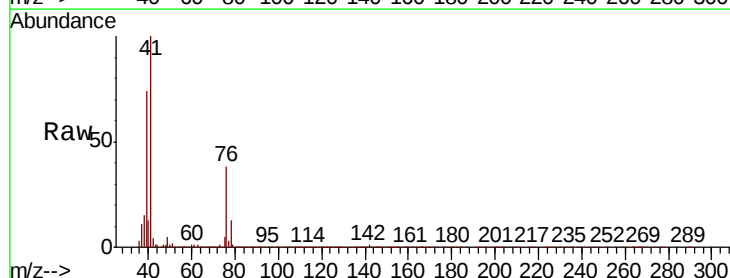
Tgt Ion: 41 Resp: 160210

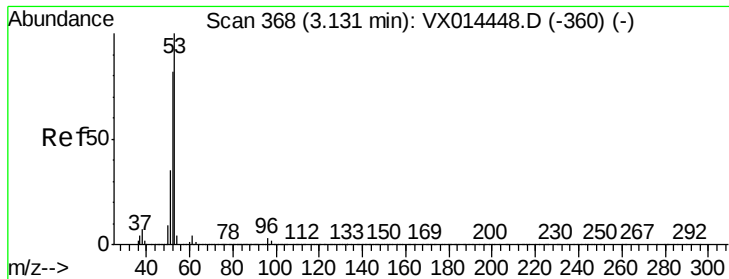
Ion Ratio Lower Upper

41 100

39 68.9 51.7 77.5

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 98.780 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

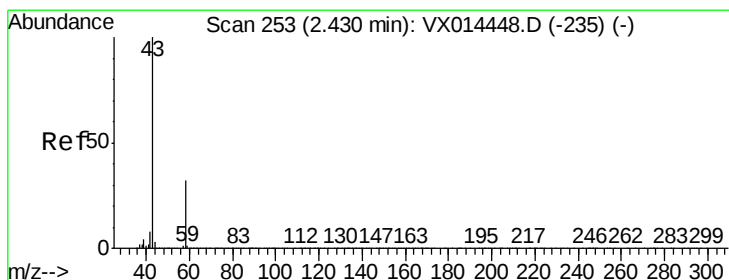
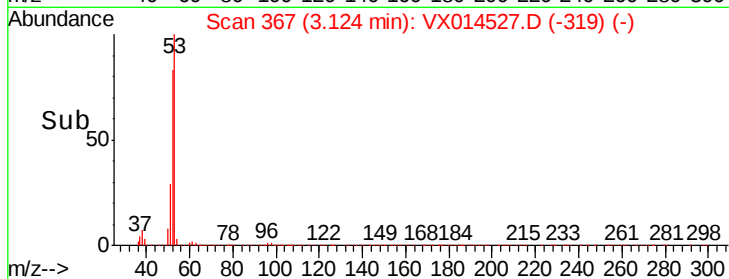
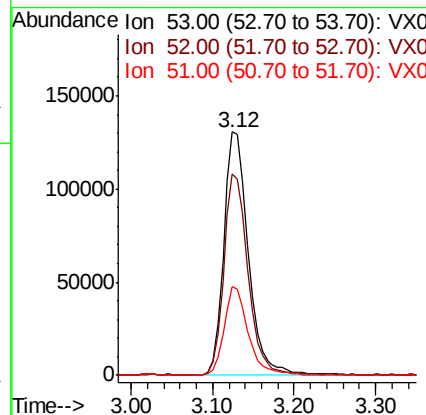
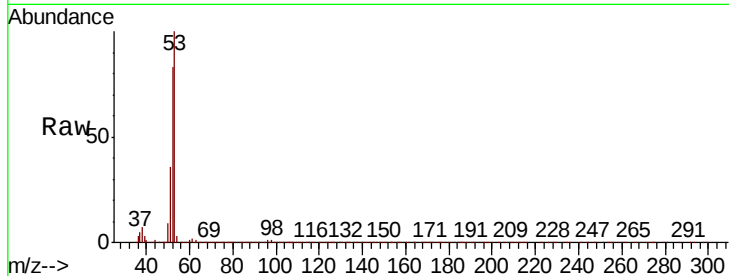
ClientSampleId :

VX0110WBSD01

Tot Ion:	53	Resp:	271626
Ion Ratio		Lower	Upper
53	100		
52	82.3	67.0	100.4
51	36.5	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#16

Acetone

Concen: 95.598 ug/l

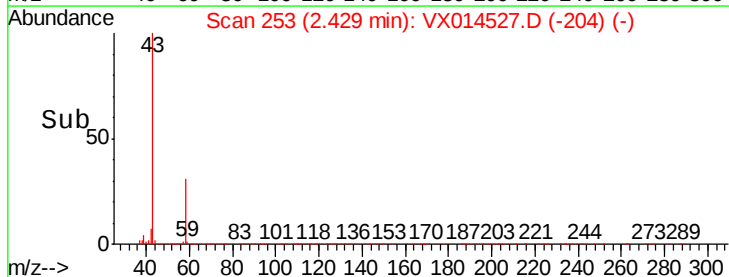
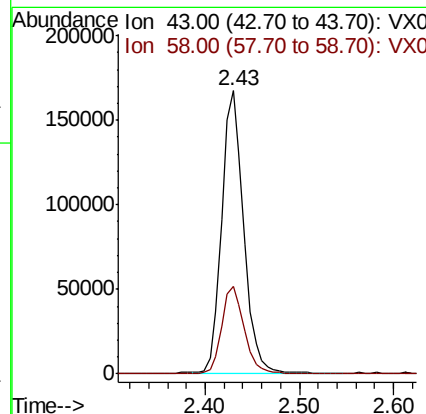
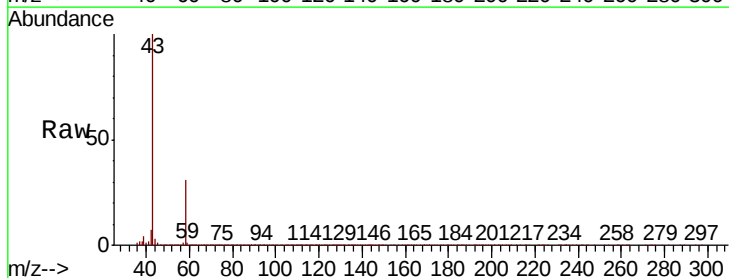
RT: 2.43 min Scan# 253

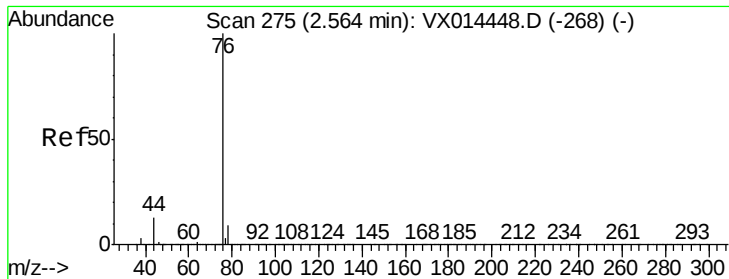
Delta R.T. 0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:	43	Resp:	268612
Ion Ratio		Lower	Upper
43	100		
58	30.9	25.4	38.0





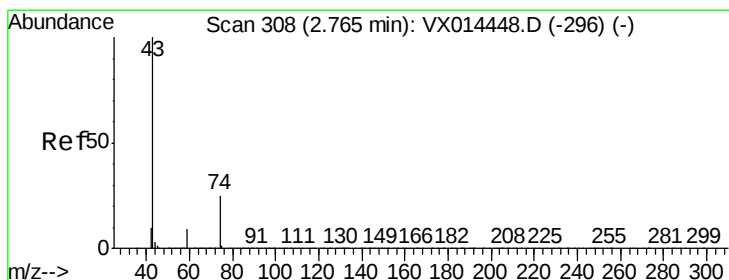
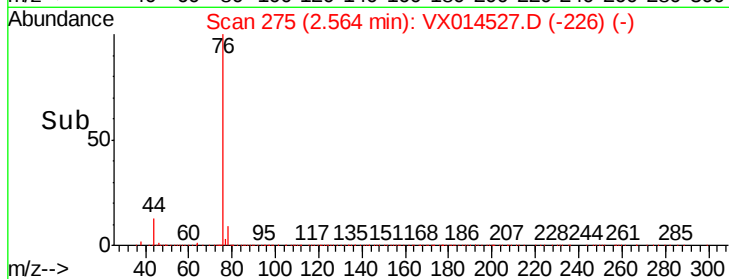
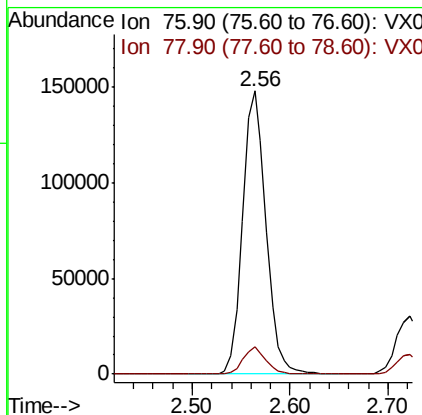
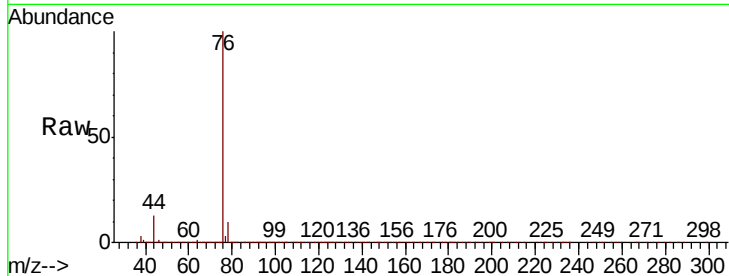
#17
Carbon Disulfide
Concen: 18.196 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

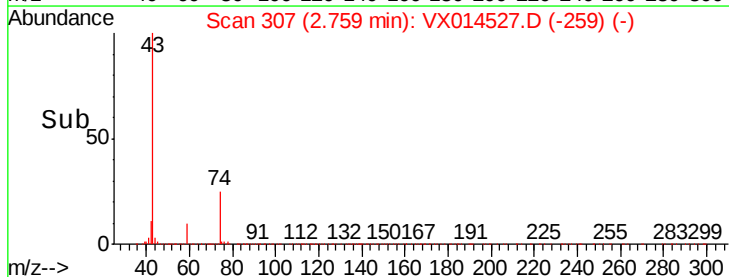
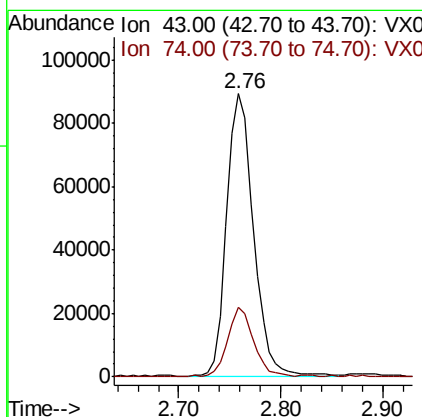
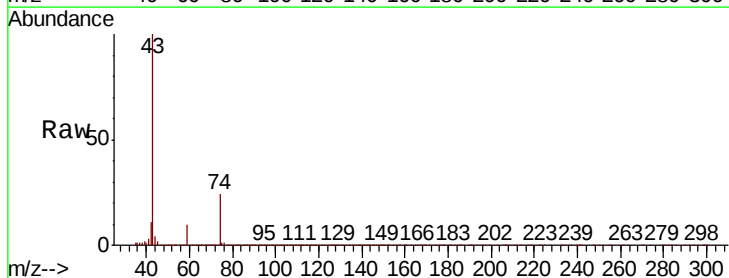
Manual Integrations
APPROVED

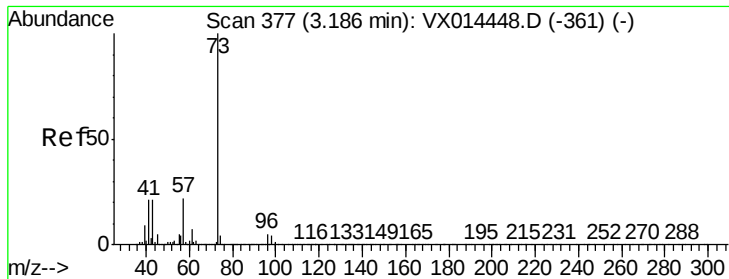
MMDadoda
1/13/2020 11:34:41 AM



#18
Methyl Acetate
Concen: 20.601 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





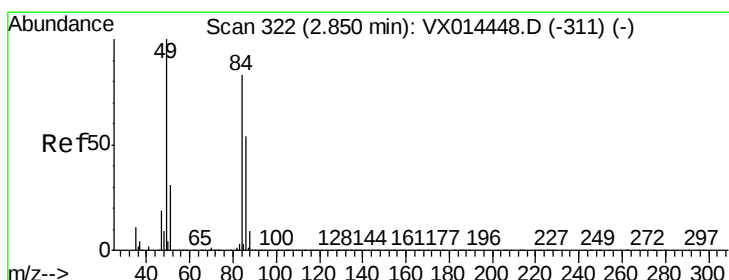
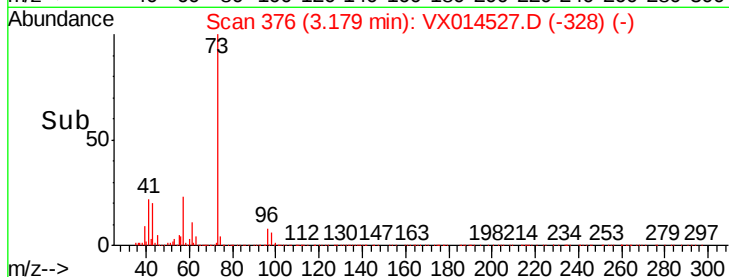
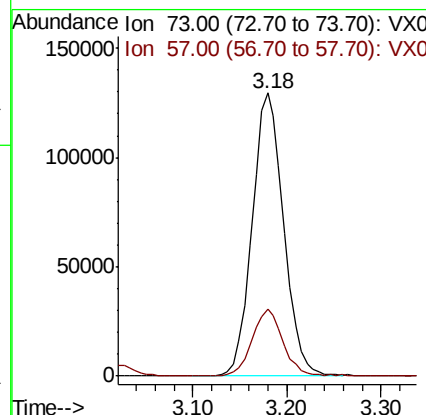
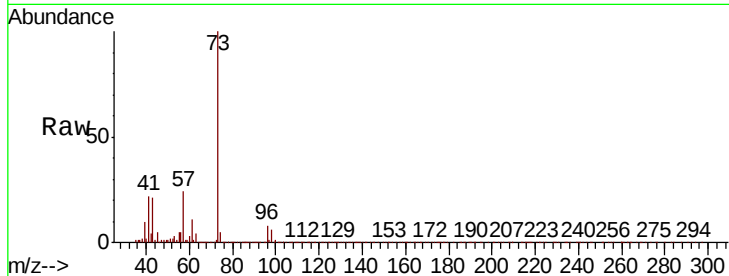
#19
Methyl tert-butyl Ether
Concen: 19.470 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.8	26.8

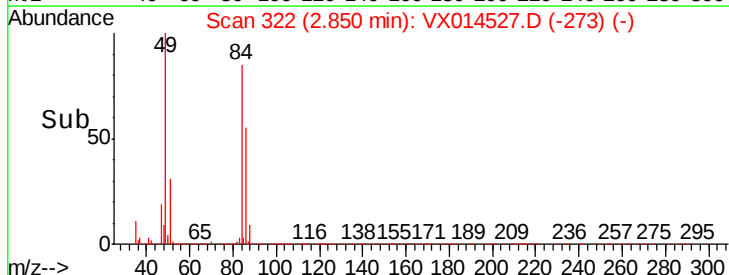
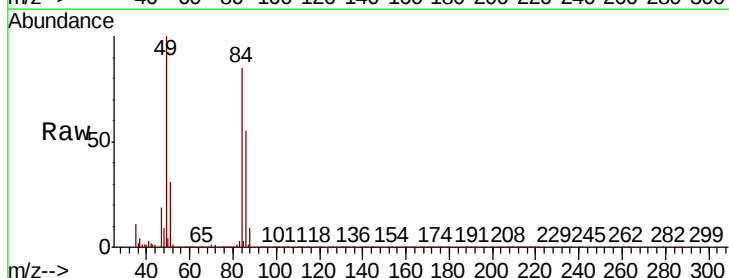
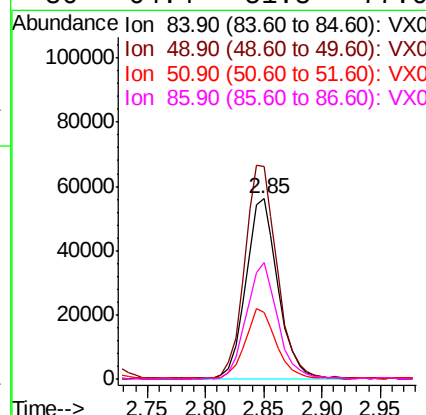
Manual Integrations
APPROVED

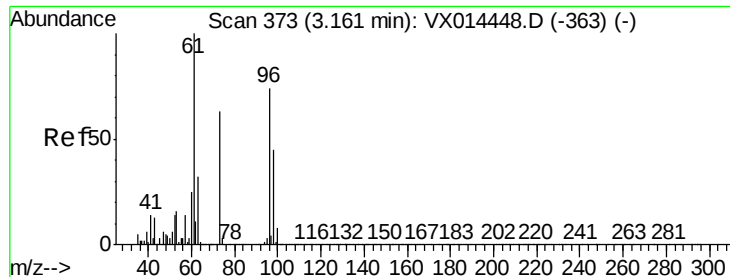
MMDadoda
1/13/2020 11:34:41 AM



#20
Methylene Chloride
Concen: 19.660 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.8	95.8	143.8
51	36.3	30.2	45.4
86	64.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.774 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

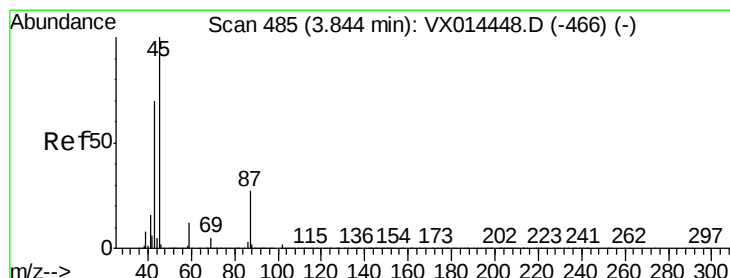
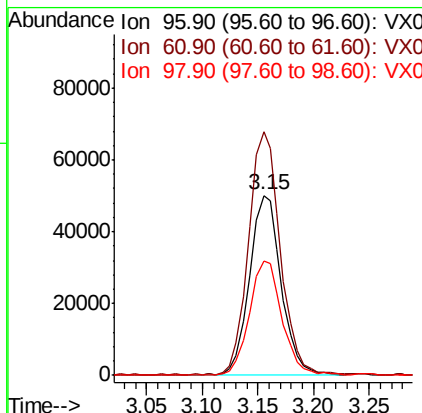
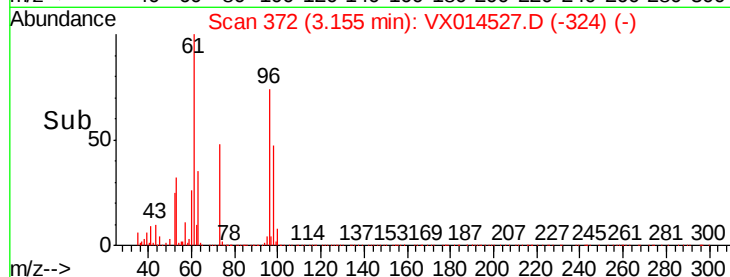
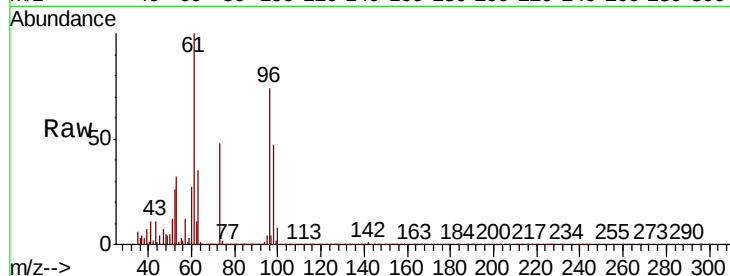
ClientSampleId :

VX0110WBSD01

Tot Ion:	96	Resp:	98945
Ion Ratio	Lower	Upper	
96	100		
61	135.4	108.2	162.4
98	63.1	48.8	73.2

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#22

Diisopropyl ether

Concen: 20.201 ug/l

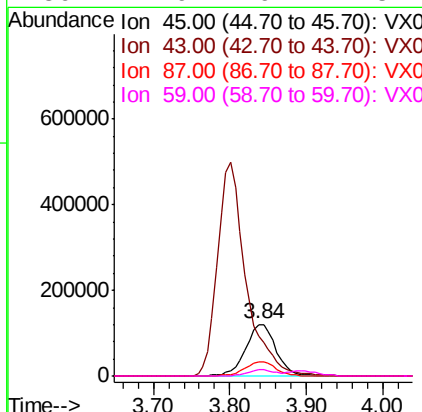
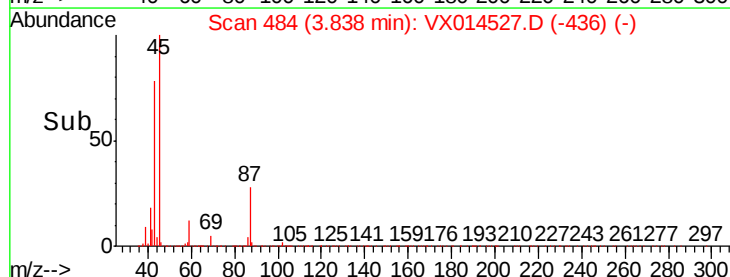
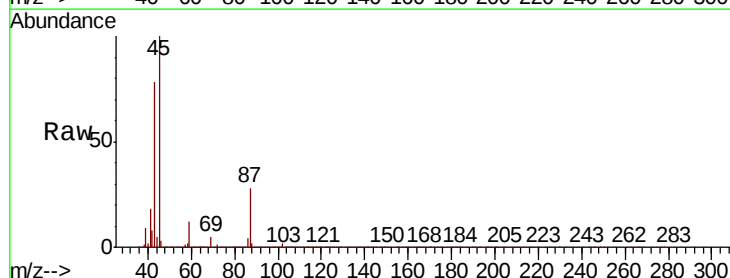
RT: 3.84 min Scan# 484

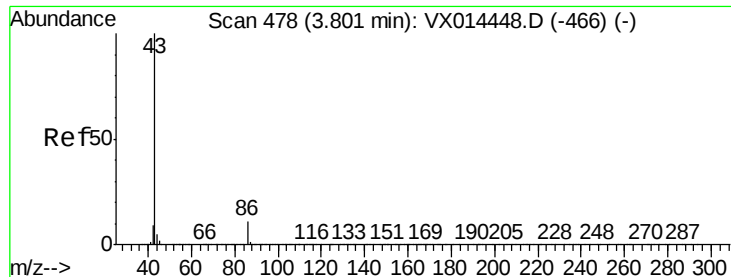
Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:	45	Resp:	330882
Ion Ratio	Lower	Upper	
45	100		
43	77.9	55.8	83.6
87	27.7	21.8	32.8
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 102.067 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

VX0110WBSD01

Tot Ion: 43 Resp: 1294341

Ion Ratio Lower Upper

43 100

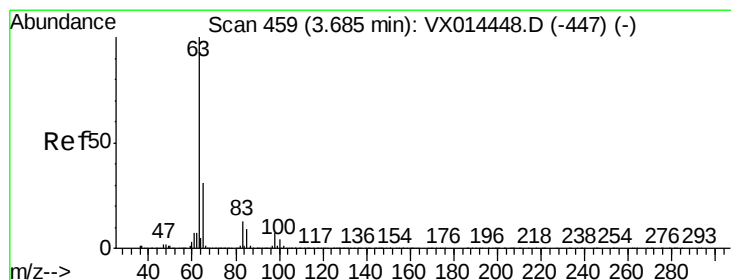
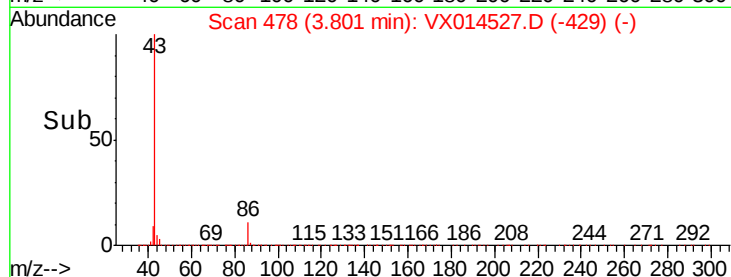
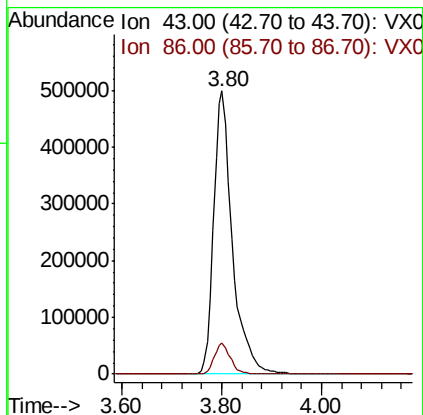
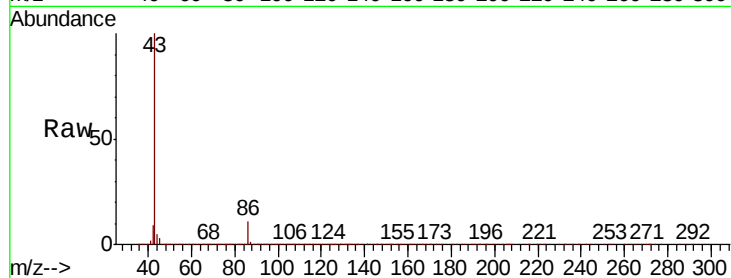
86 10.9 8.4 12.6

Manual Integrations

APPROVED

MMDadoda

1/13/2020 11:34:41 AM



#24

1,1-Dichloroethane

Concen: 20.054 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

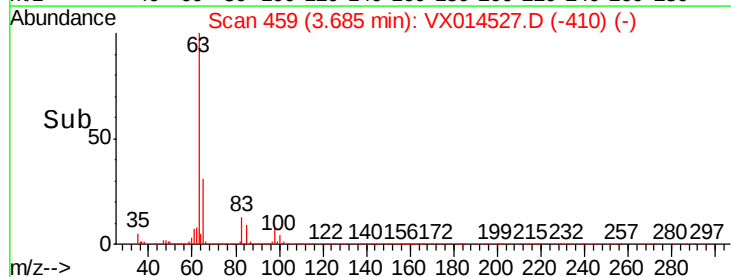
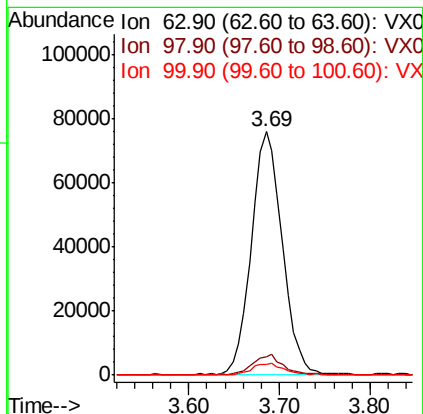
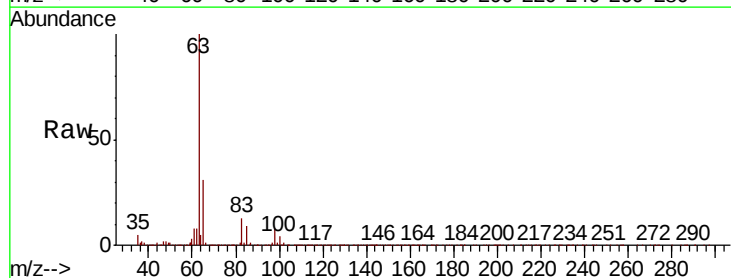
Tgt Ion: 63 Resp: 178690

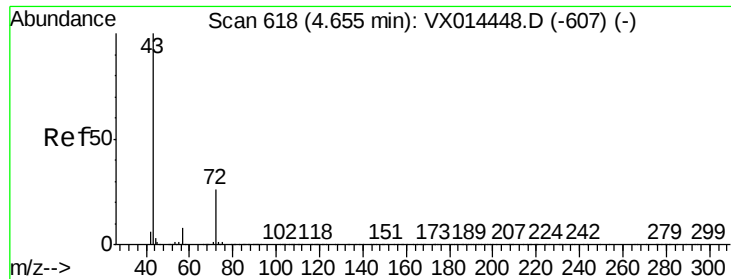
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 95.816 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 43 Resp: 390542

Ion Ratio Lower Upper

43 100

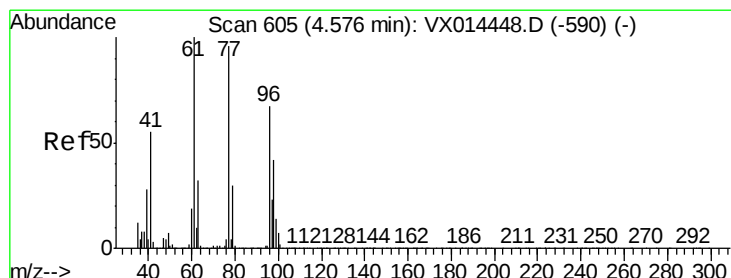
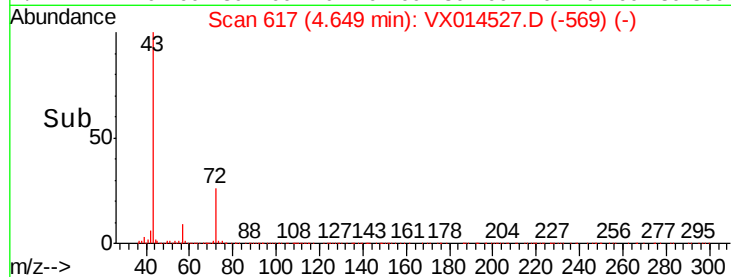
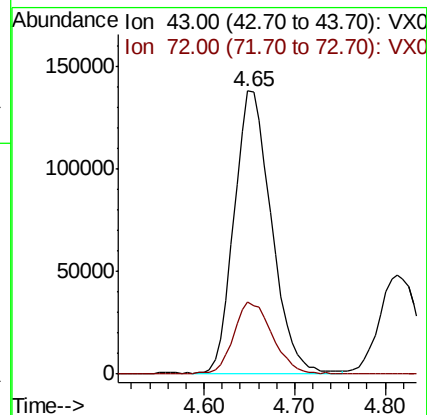
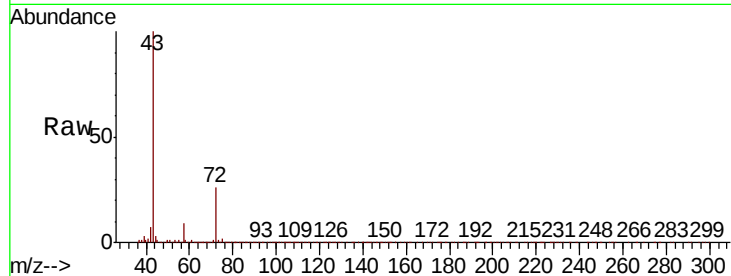
72 25.6 20.6 31.0

Manual Integrations

APPROVED

MMDadoda

1/13/2020 11:34:41 AM



#26

2,2-Dichloropropane

Concen: 19.121 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014527.D

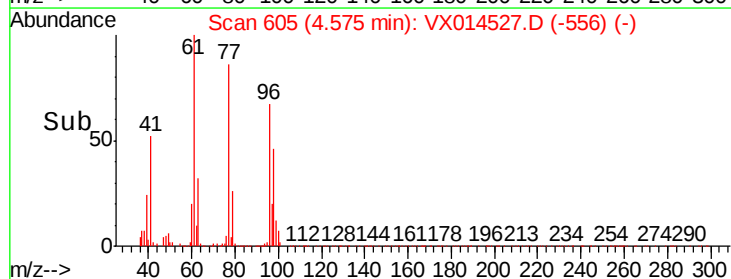
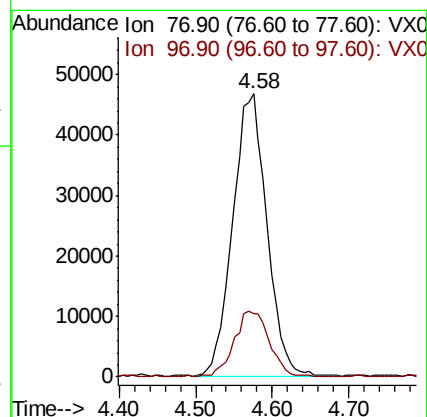
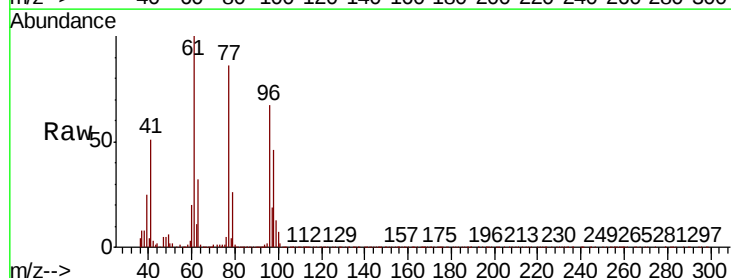
Acq: 10 Jan 2020 11:14

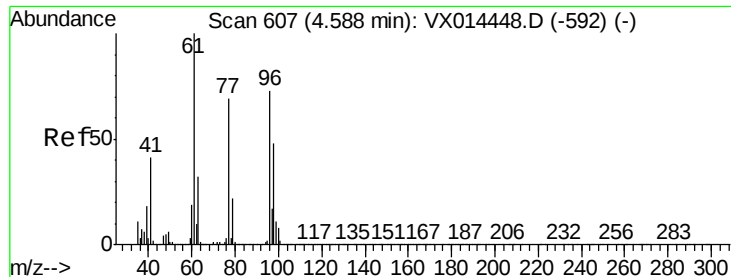
Tgt Ion: 77 Resp: 144329

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.1





#27

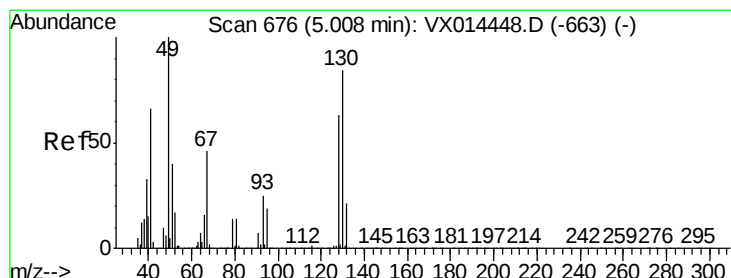
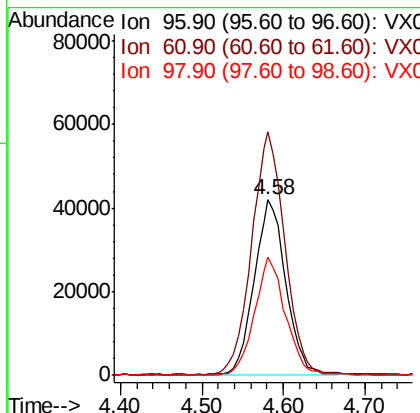
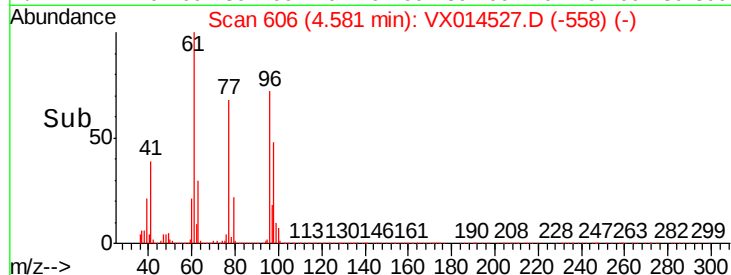
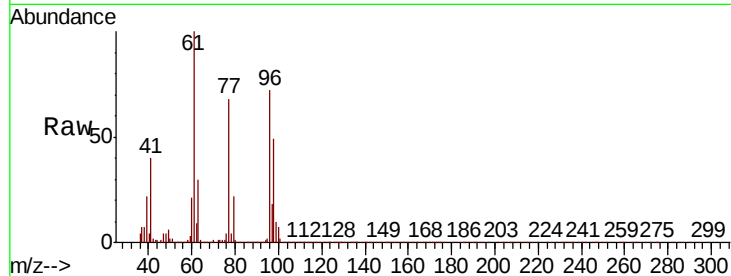
cis-1,2-Dichloroethene
Concen: 19.211 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	113183		
61	147.7	0.0	285.4	
98	65.2	0.0	130.6	

Manual Integrations
APPROVED

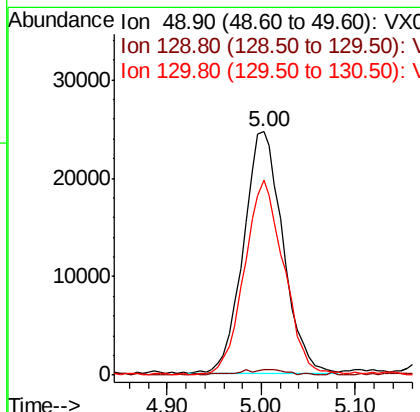
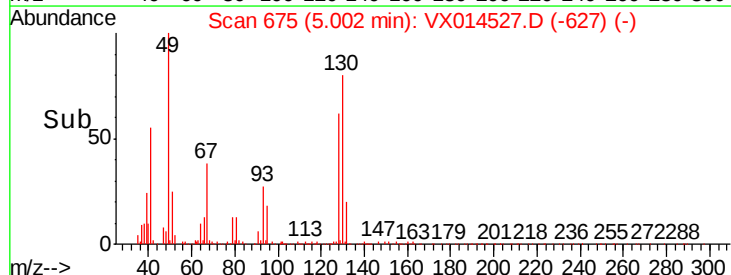
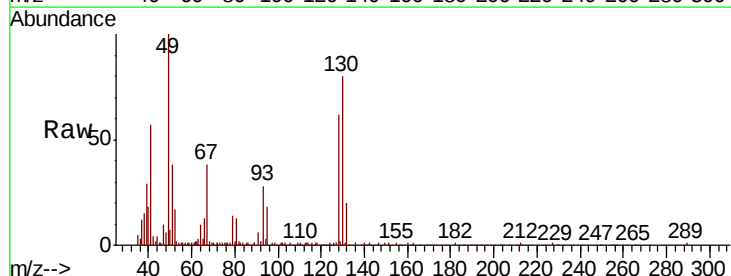
MMDadoda
1/13/2020 11:34:41 AM

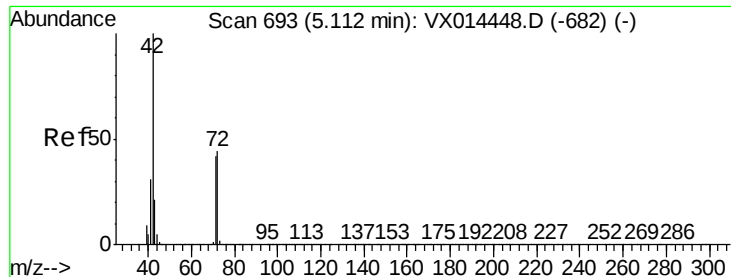


#28

Bromochloromethane
Concen: 19.296 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	72450		
129	1.6	0.0	4.4	
130	80.7	67.0	100.4	





#29

Tetrahydrofuran

Concen: 98.689 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

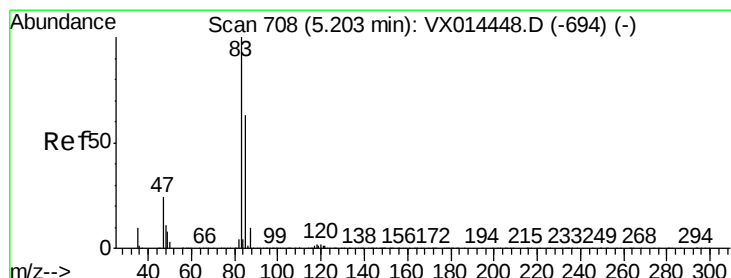
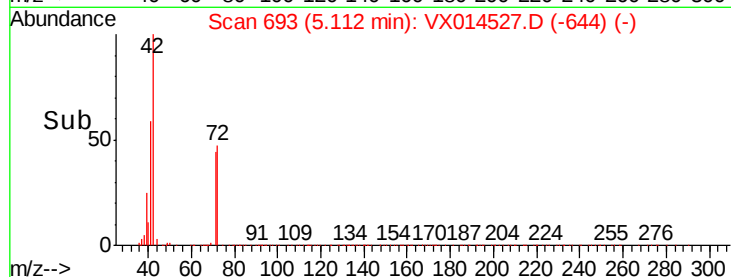
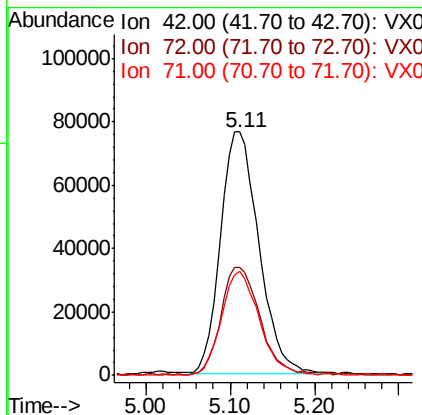
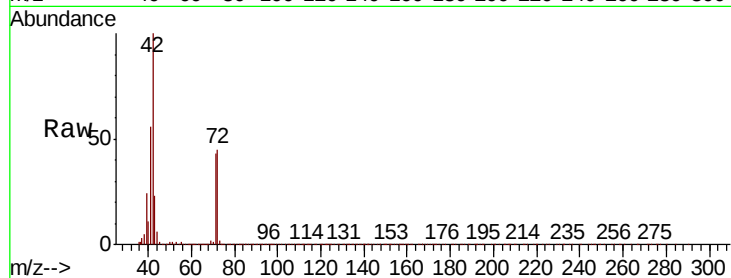
ClientSampleId :

VX0110WBSD01

Tot Ion:	42	Resp:	237827
Ion Ratio		Lower	Upper
42	100		
72	45.1	36.2	54.4
71	41.9	34.1	51.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#30

Chloroform

Concen: 20.182 ug/l

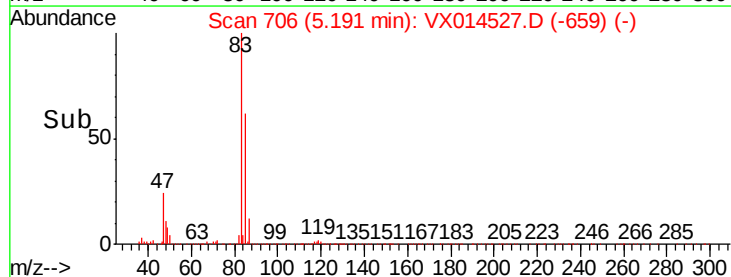
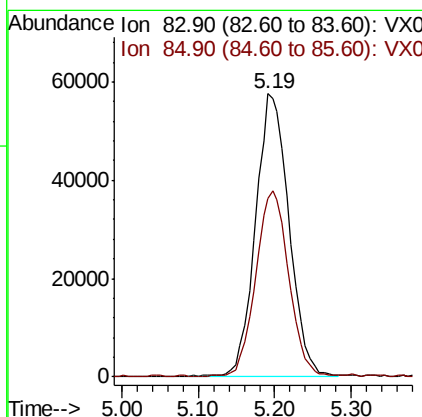
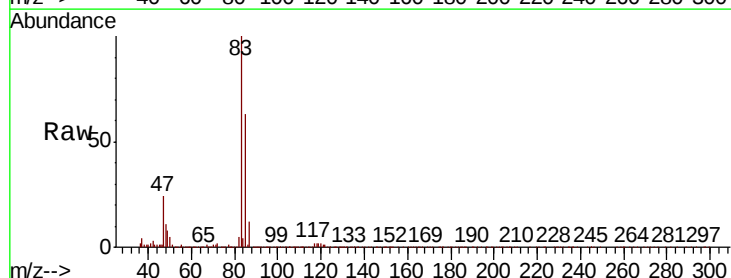
RT: 5.19 min Scan# 706

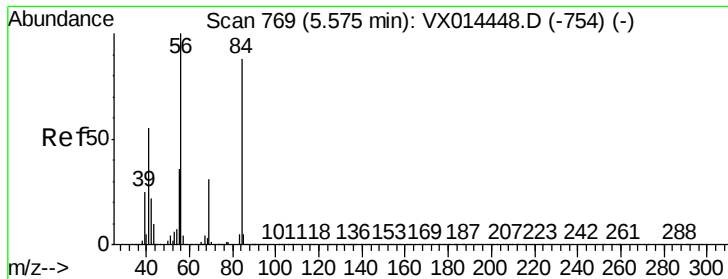
Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:	83	Resp:	175723
Ion Ratio		Lower	Upper
83	100		
85	62.9	50.6	75.8





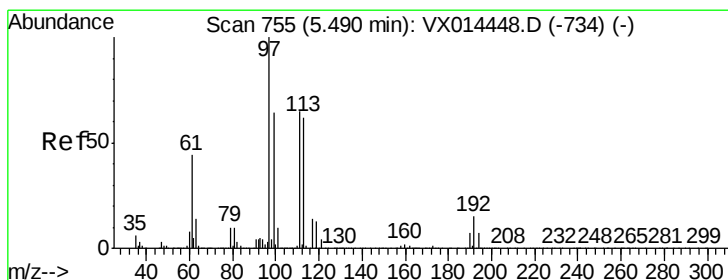
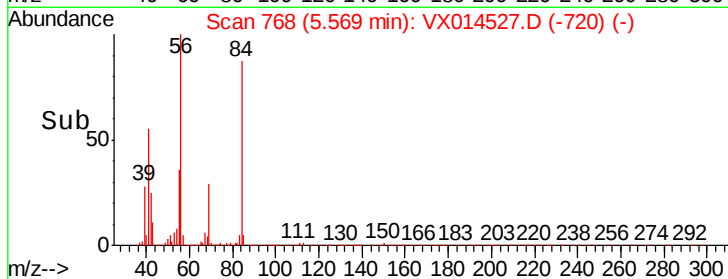
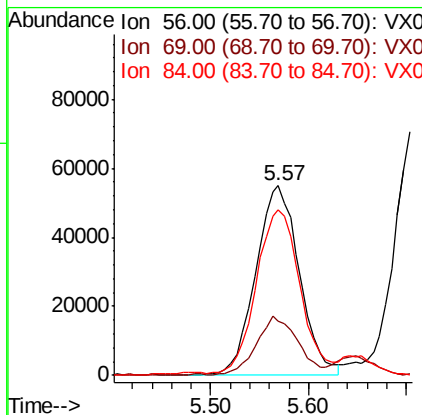
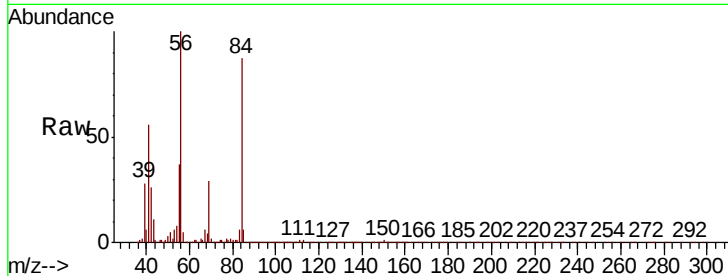
#31
Cyclohexane
Concen: 20.278 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.4	36.6
84	85.7	70.6	106.0

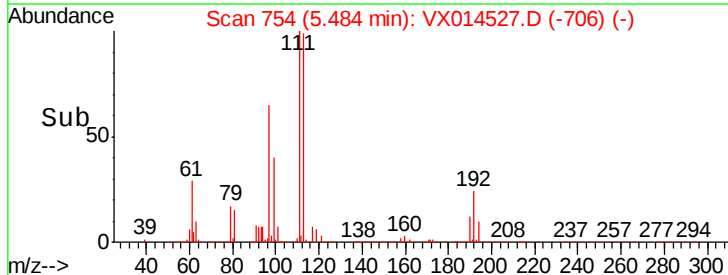
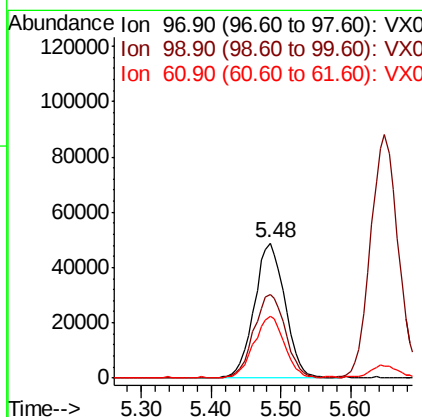
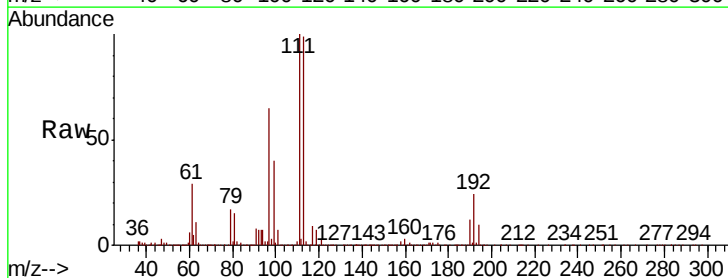
Manual Integrations
APPROVED

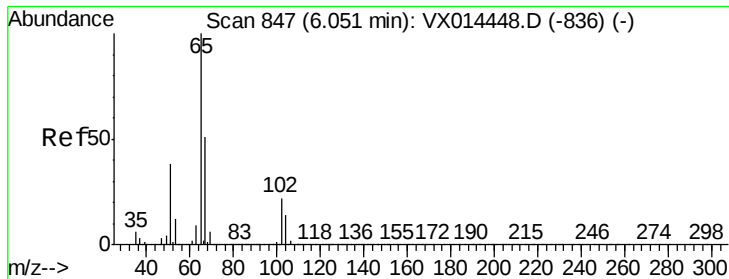
MMDadoda
1/13/2020 11:34:41 AM



#32
1,1,1-Trichloroethane
Concen: 20.009 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	44.9	35.9	53.9





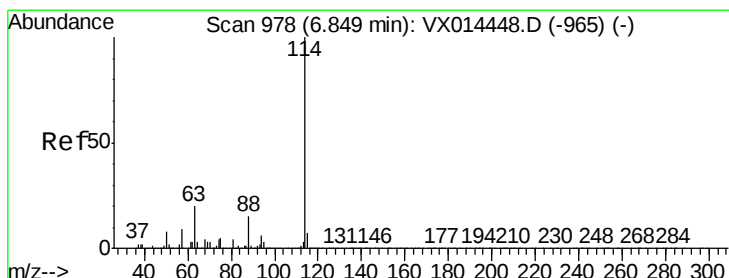
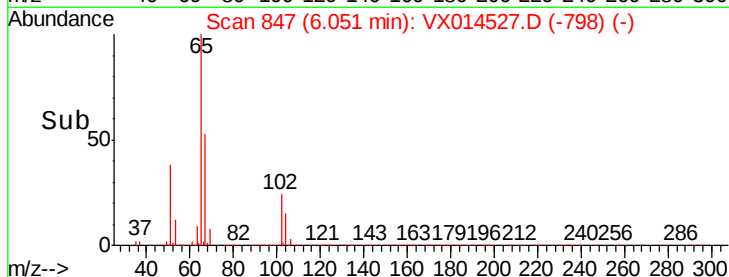
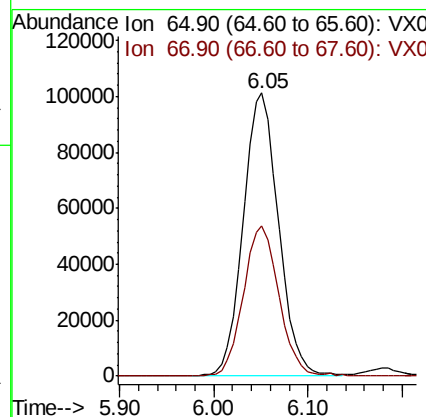
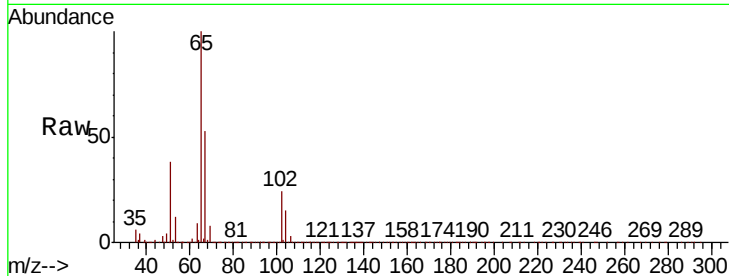
#33
 1,2-Dichloroethane-d4
 Concen: 48.254 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	263302		
67	53.8	0.0	106.2	

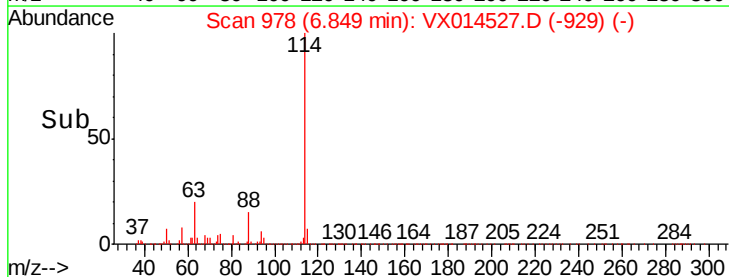
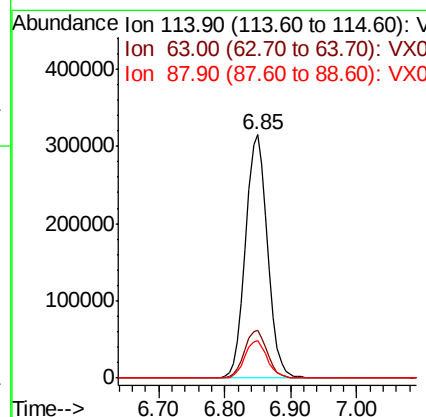
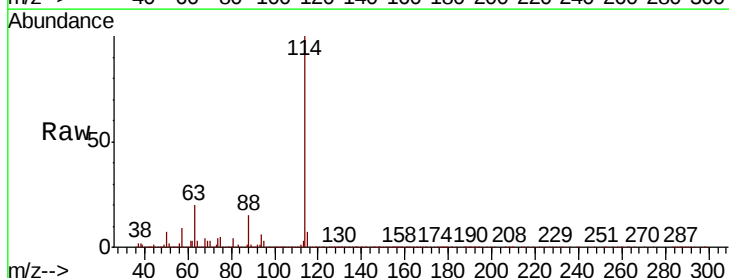
Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	729210		
63	19.6	0.0	39.6	
88	15.3	0.0	30.8	





#35

Dibromofluoromethane

Concen: 49.538 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

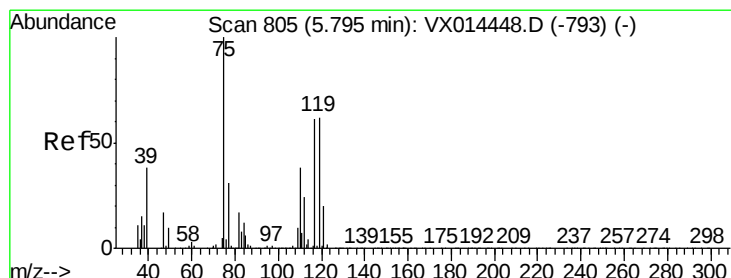
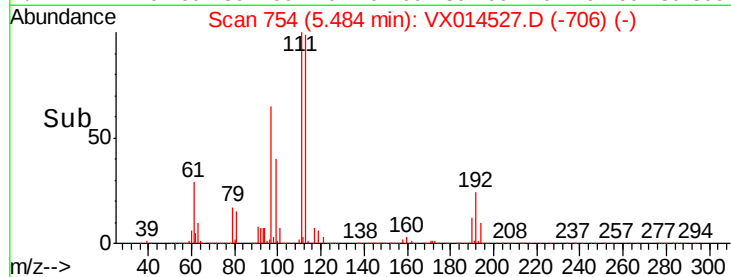
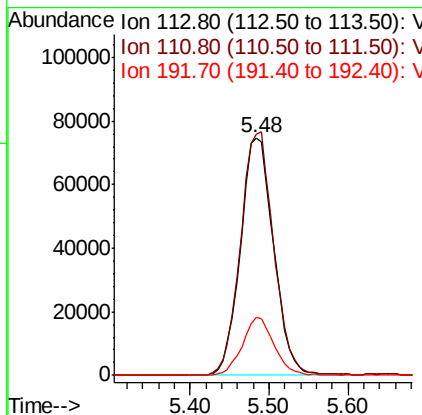
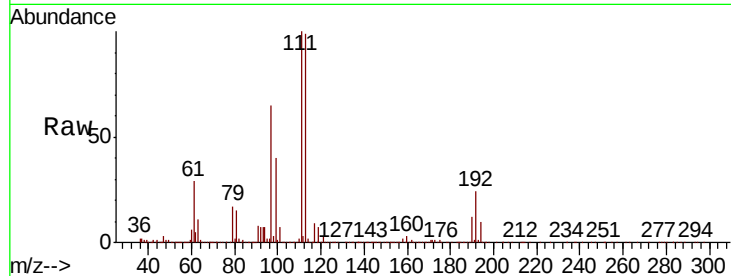
ClientSampleId :

VX0110WBSD01

Tot Ion:	113	Resp:	218671
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.5	122.3
192	23.3	19.2	28.8

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#36

1,1-Dichloropropene

Concen: 19.422 ug/l

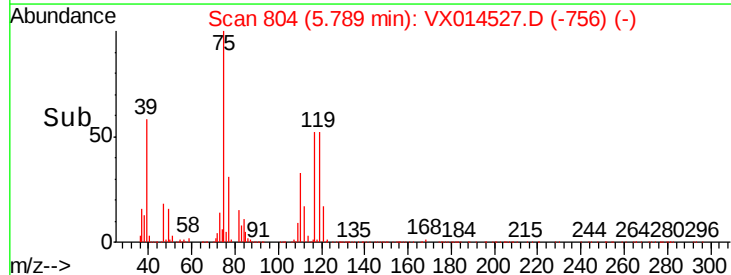
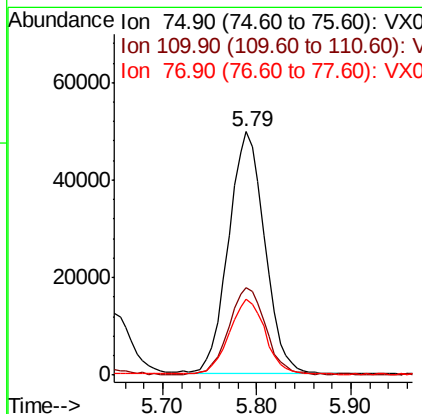
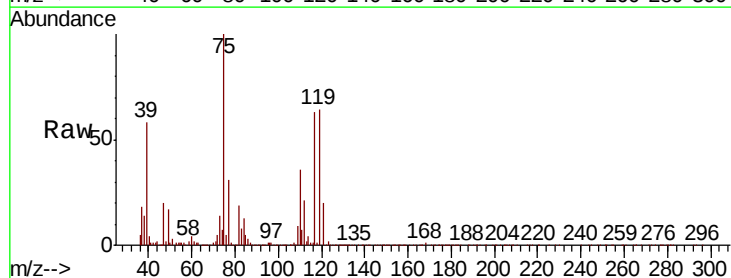
RT: 5.79 min Scan# 804

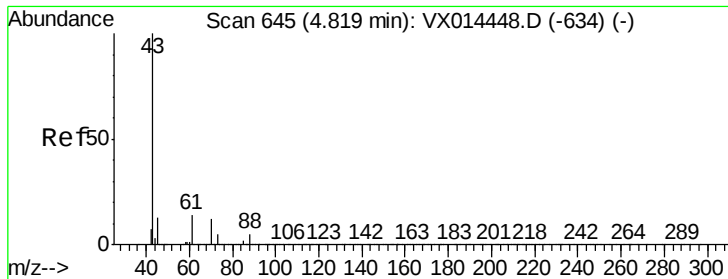
Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:	75	Resp:	133188
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.6	55.8
77	30.7	24.5	36.7





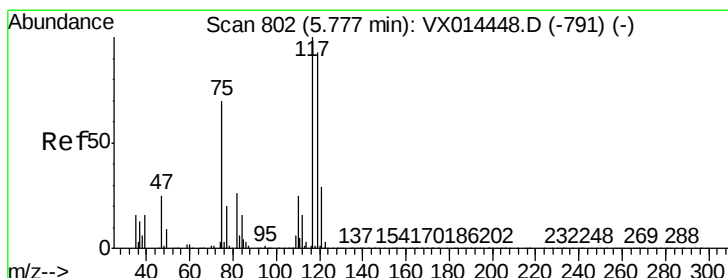
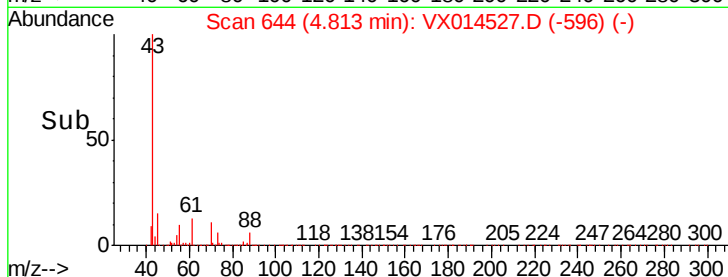
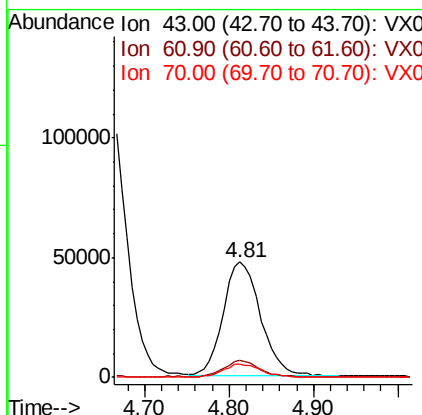
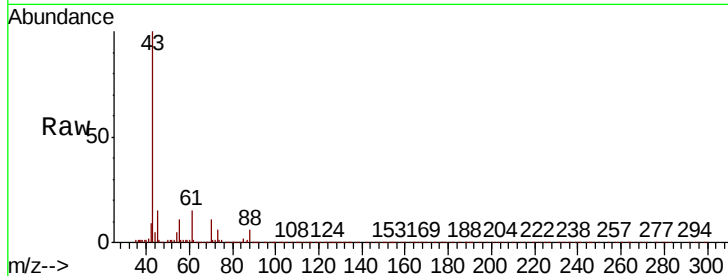
#37
Ethyl Acetate
Concen: 19.543 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.1	16.7
70	10.6	8.9	13.3

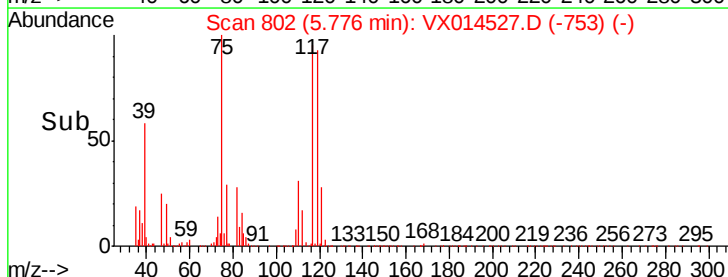
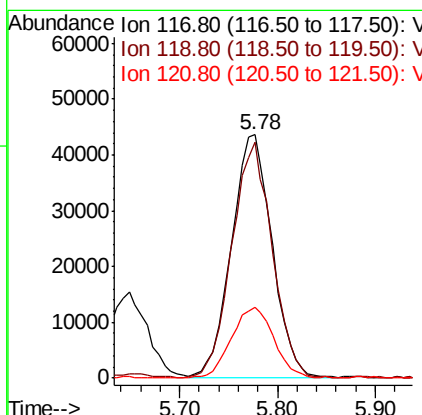
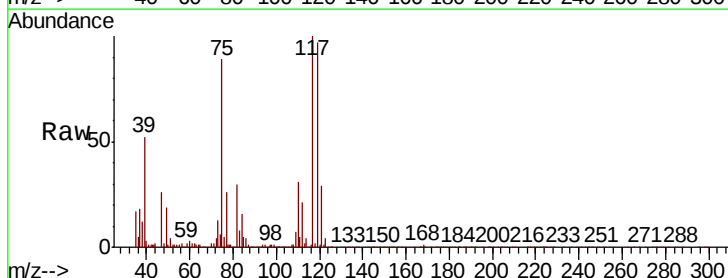
Manual Integrations
APPROVED

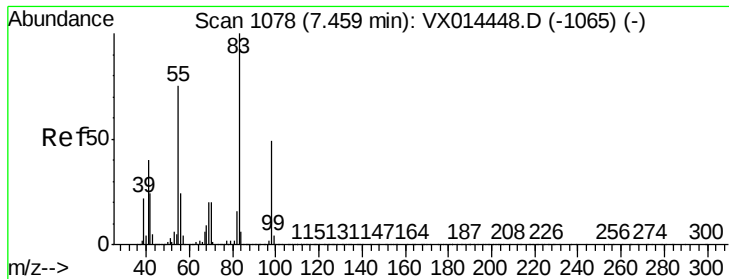
MMDadoda
1/13/2020 11:34:41 AM



#38
Carbon Tetrachloride
Concen: 19.847 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	73.8	110.8
121	28.7	23.4	35.0





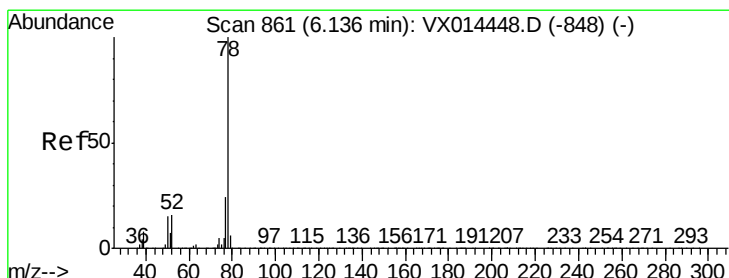
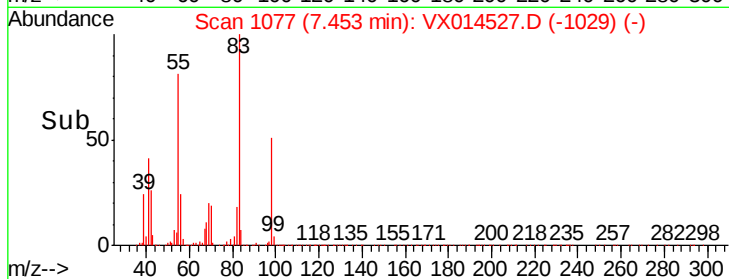
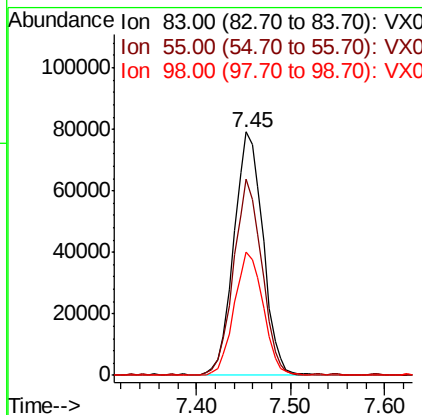
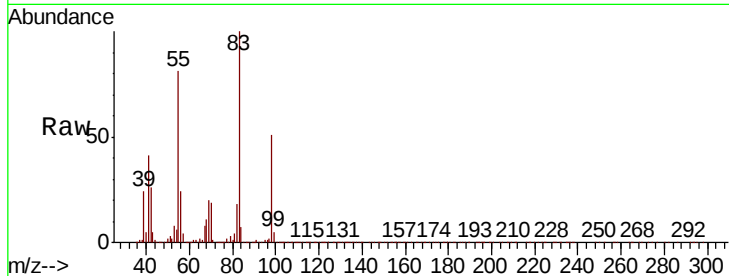
#39
Methvlcvclohexane
Concen: 19.753 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	59.7	89.5
98	50.6	39.1	58.7

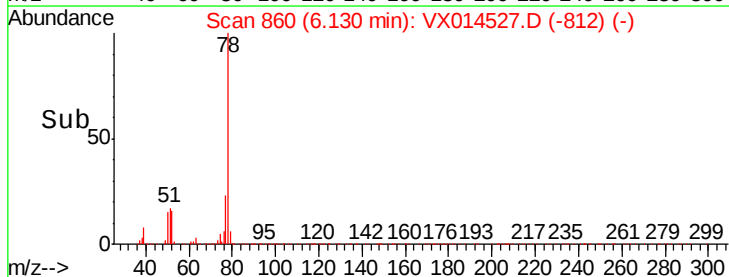
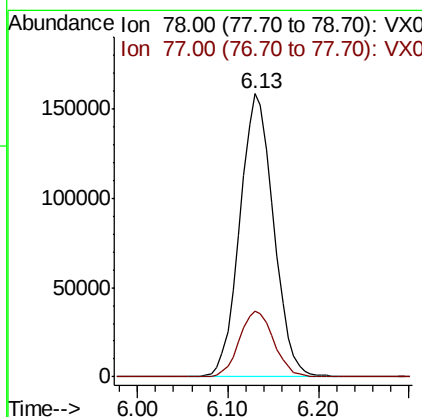
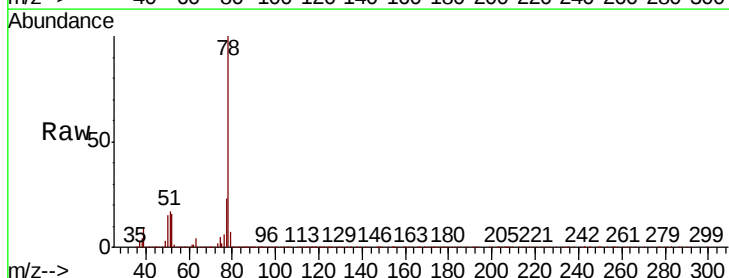
Manual Integrations
APPROVED

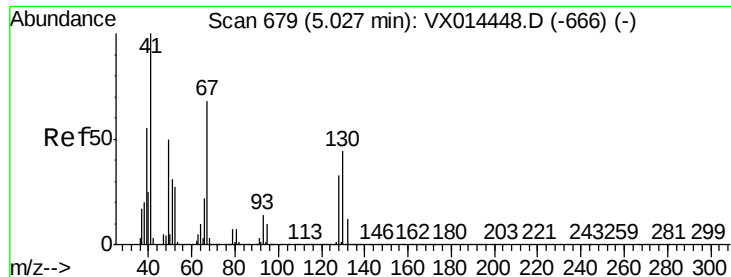
MMDadoda
1/13/2020 11:34:41 AM



#40
Benzene
Concen: 20.095 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3





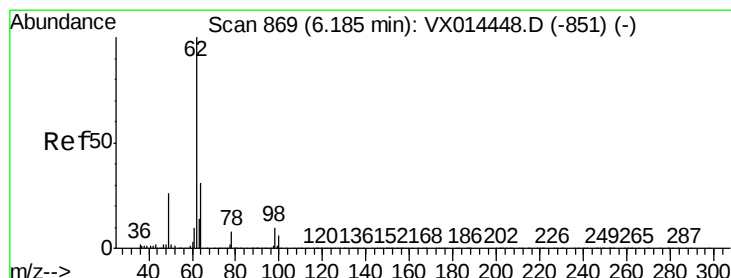
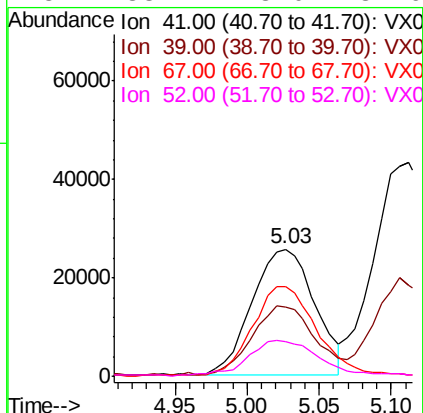
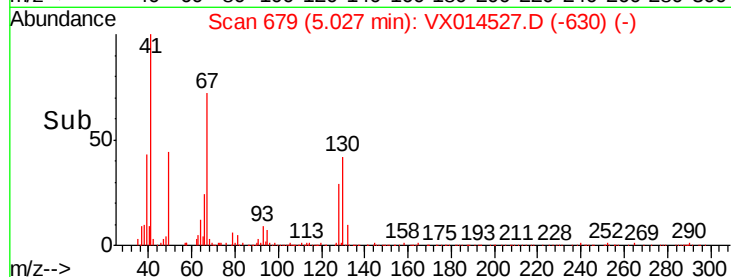
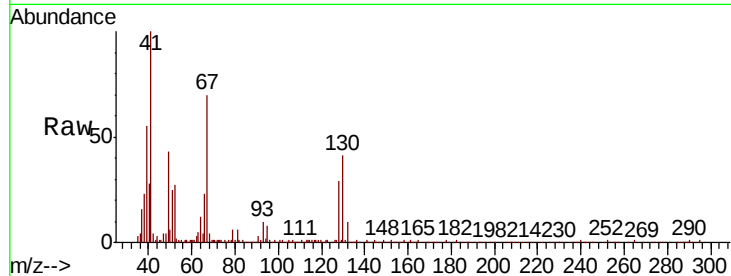
#41
Methacrylonitrile
Concen: 19.396 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	43.6	65.4	
67	72.8	57.9	86.9	
52	33.2	23.0	34.6	

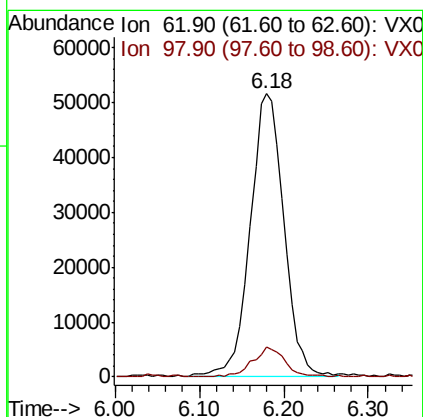
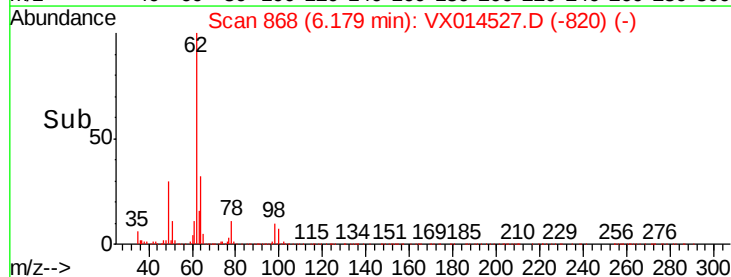
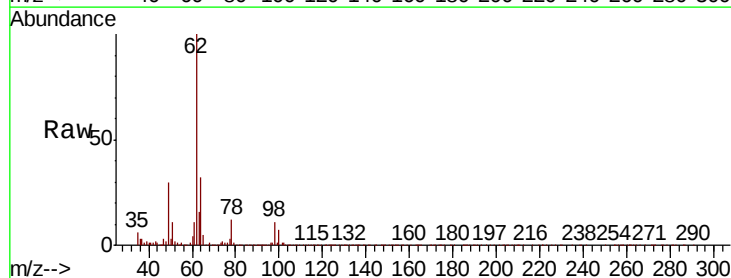
Manual Integrations
APPROVED

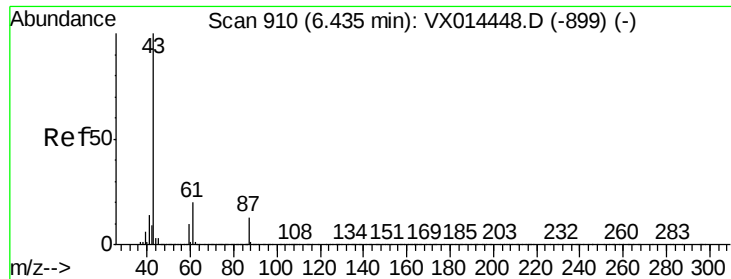
MMDadoda
1/13/2020 11:34:41 AM



#42
1,2-Dichloroethane
Concen: 19.827 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.4	





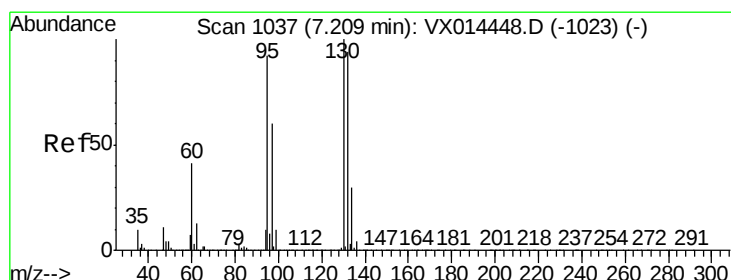
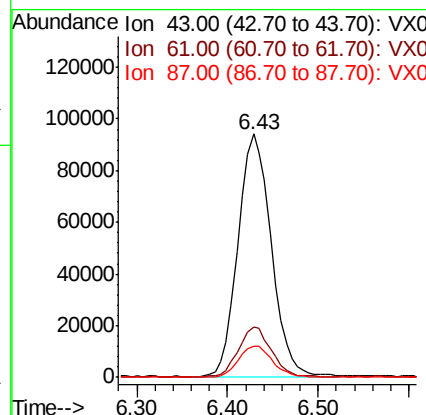
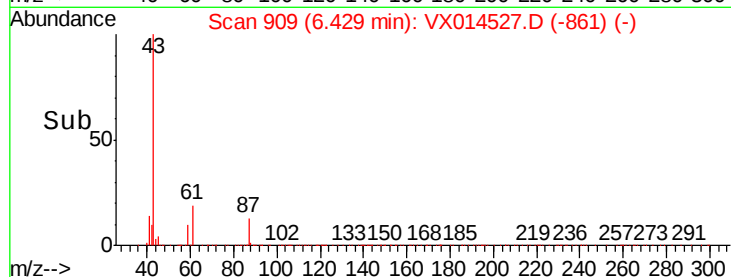
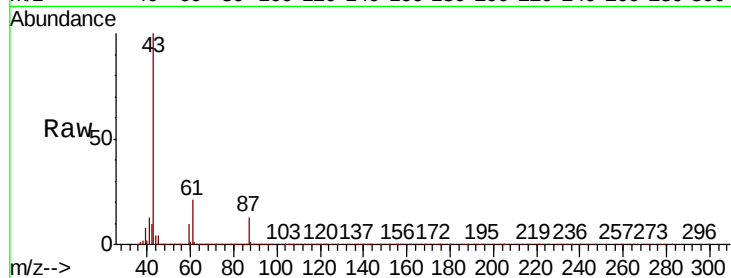
#43
Isopropyl Acetate
Concen: 19.842 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	43	Resp	238761
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.6	24.8
87	13.0	10.8	16.2

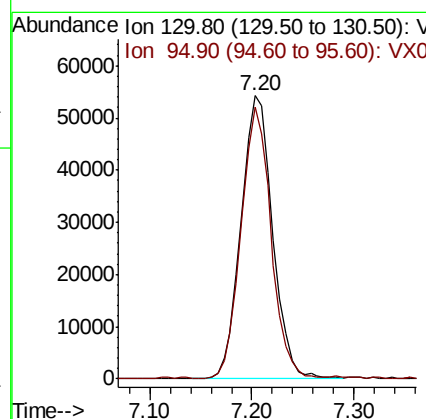
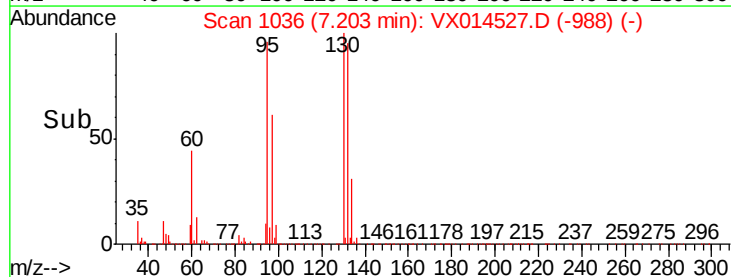
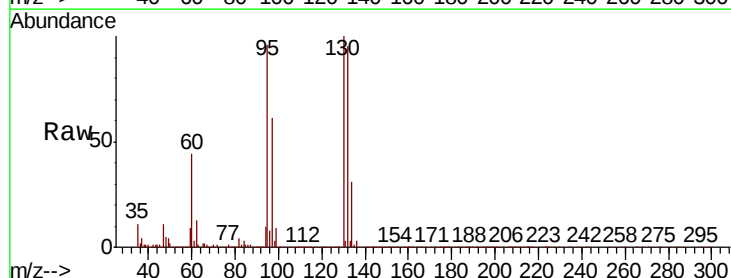
Manual Integrations
APPROVED

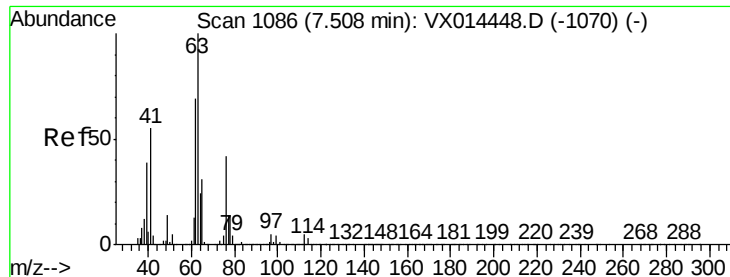
MMDadoda
1/13/2020 11:34:41 AM



#44
Trichloroethene
Concen: 19.837 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	130	Resp	116029
Ion Ratio	Lower	Upper	
130	100		
95	95.8	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.411 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 63 Resp: 105911

Ion Ratio Lower Upper

63 100

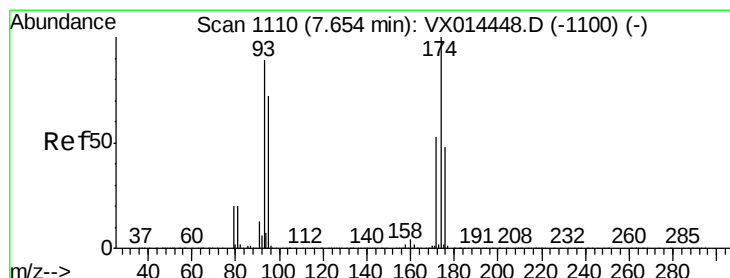
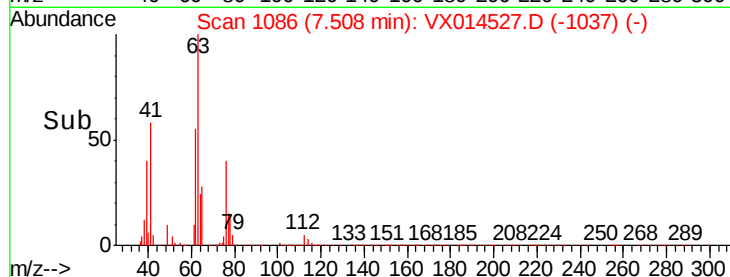
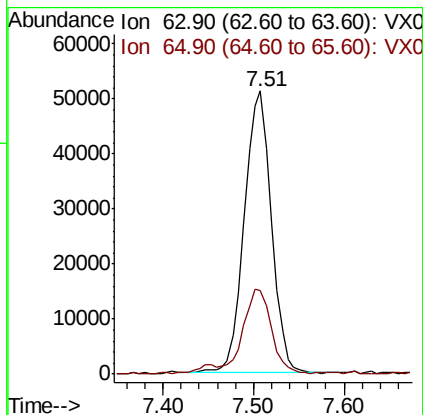
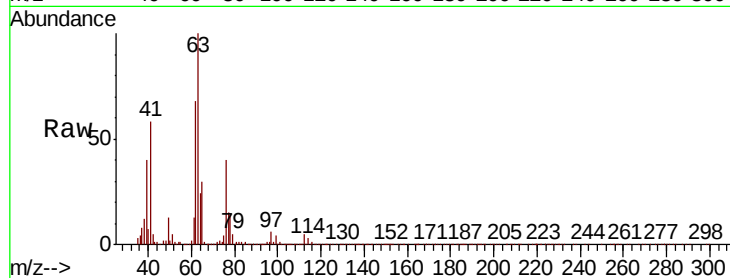
65 29.3 24.8 37.2

Manual Integrations

APPROVED

MMDadoda

1/13/2020 11:34:41 AM



#46

Dibromomethane

Concen: 19.062 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

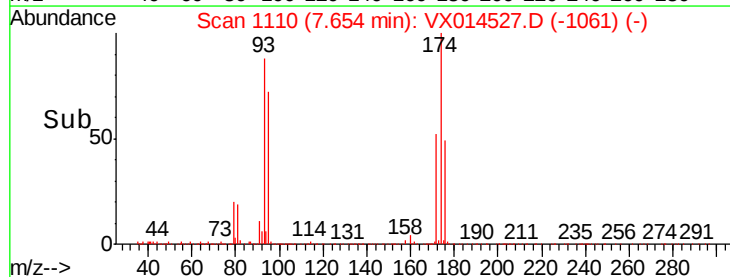
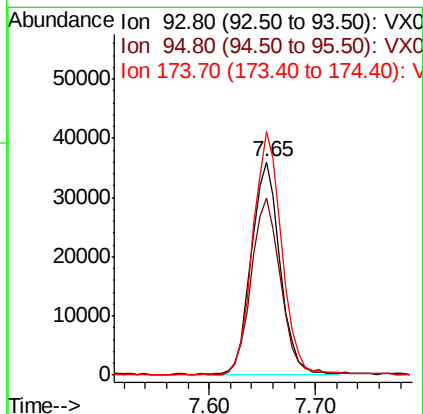
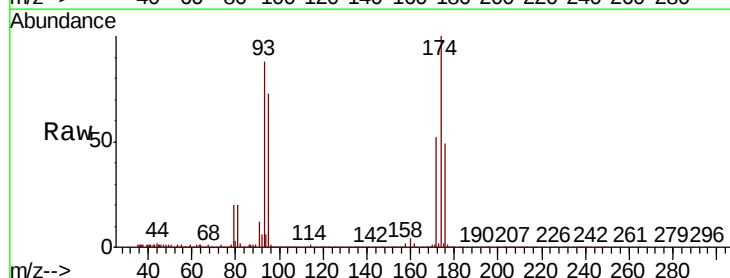
Tgt Ion: 93 Resp: 69037

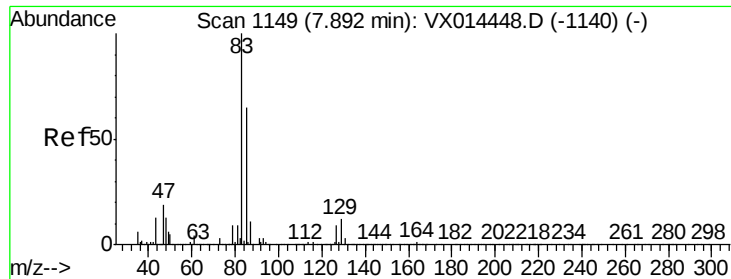
Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.2

174 114.5 93.0 139.4





#47

Bromodichloromethane

Concen: 20.032 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

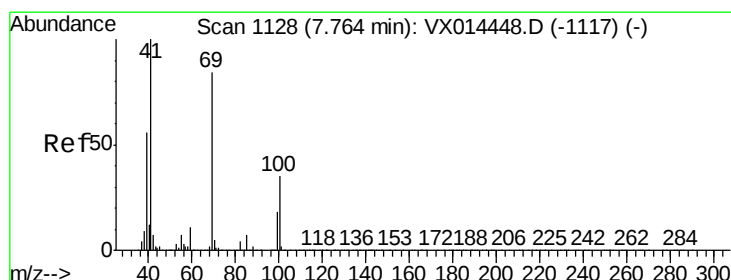
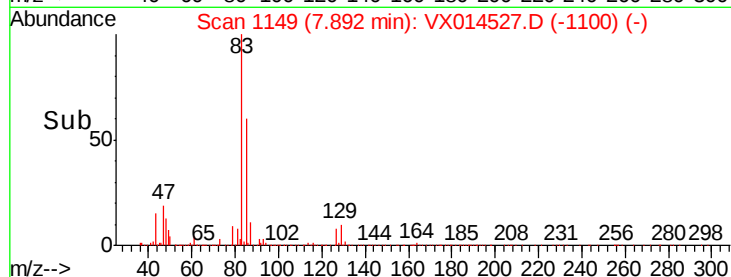
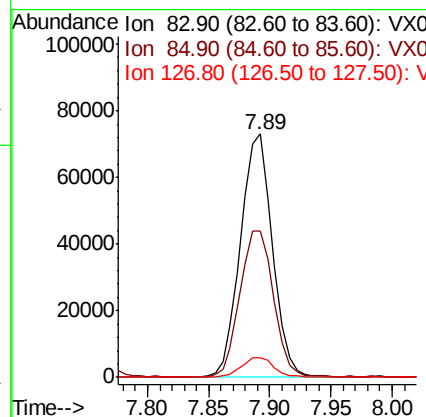
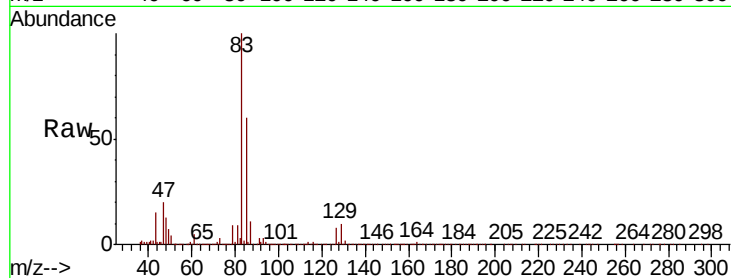
ClientSampleId :

VX0110WBSD01

Tot Ion	83	Resp	132012
Ion Ratio	Lower	Upper	
83	100		
85	59.7	51.7	77.5
127	7.8	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#48

Methyl methacrylate

Concen: 20.072 ug/l

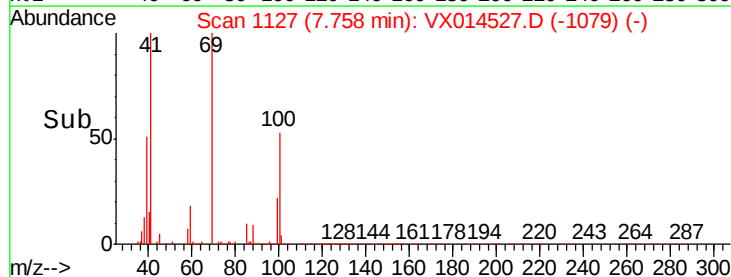
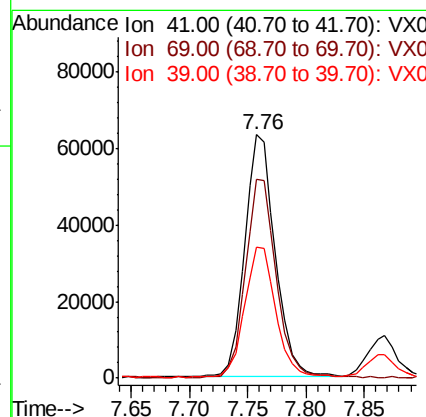
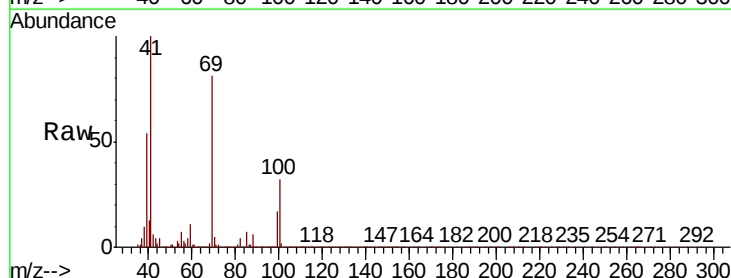
RT: 7.76 min Scan# 1127

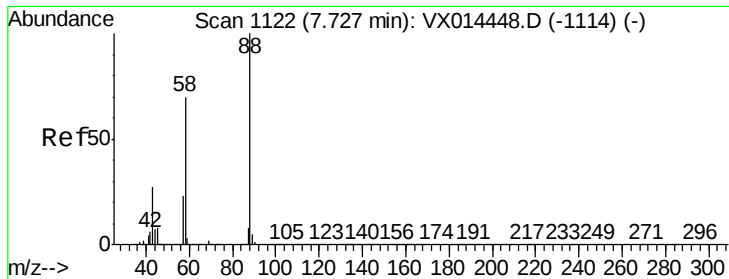
Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion	41	Resp	115678
Ion Ratio	Lower	Upper	
41	100		
69	83.0	65.5	98.3
39	56.5	43.9	65.9





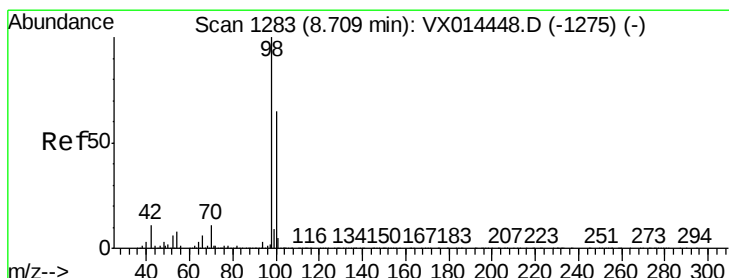
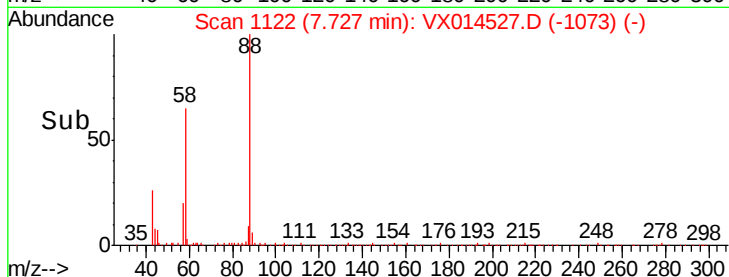
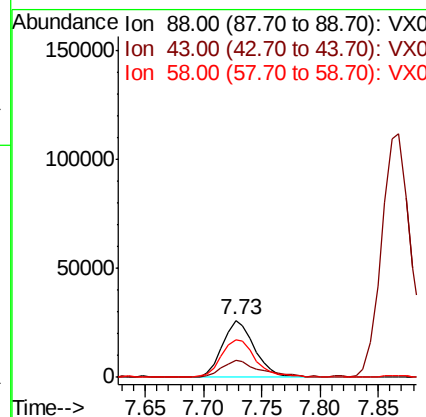
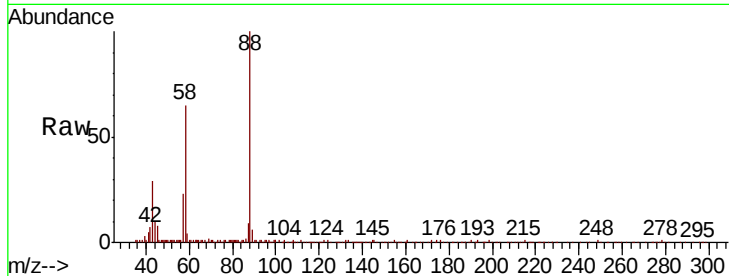
#49
1,4-Dioxane
Concen: 404.285 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	27.4	41.0
58	69.2	57.1	85.7

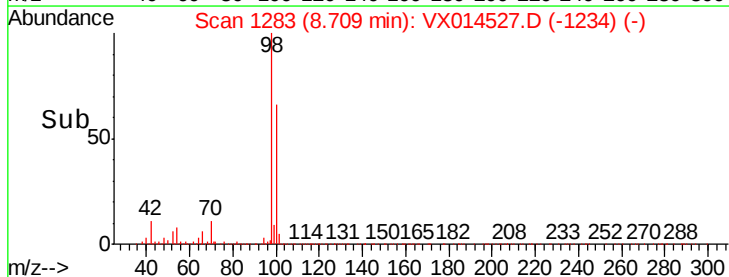
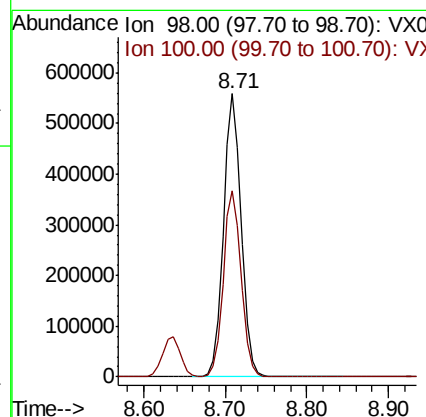
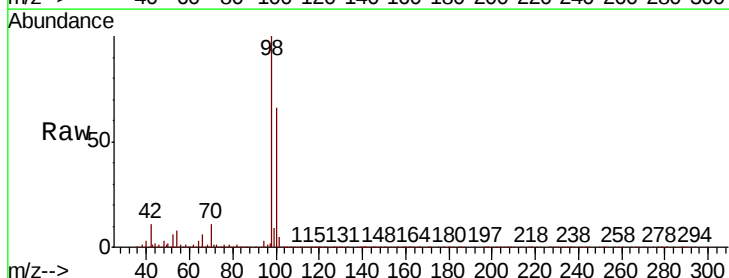
Manual Integrations
APPROVED

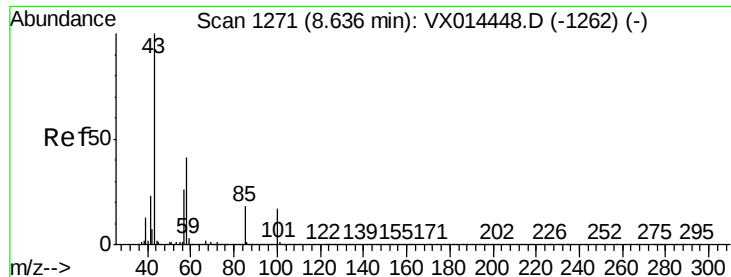
MMDadoda
1/13/2020 11:34:41 AM



#50
Toluene-d8
Concen: 49.260 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 101.344 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

VX0110WBSD01

Tot Ion: 43 Resp: 743101

Ion Ratio Lower Upper

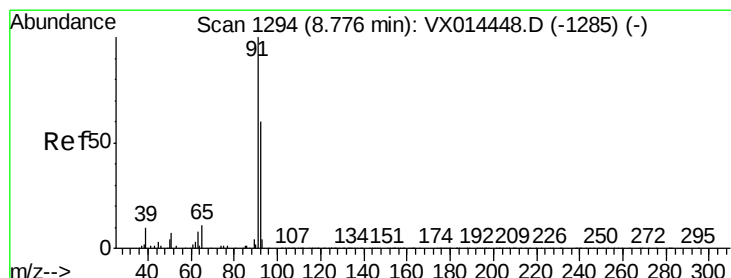
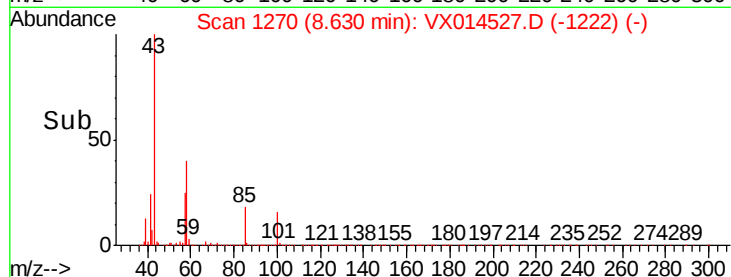
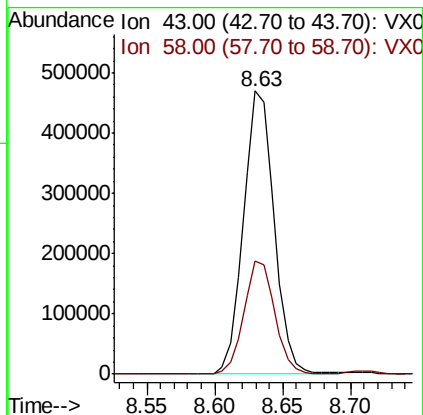
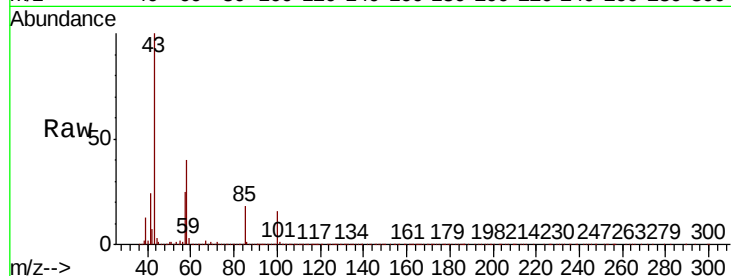
43 100

58 39.9 32.4 48.6

Manual Integrations
APPROVED

MMDadoda

1/13/2020 11:34:41 AM



#52

Toluene

Concen: 19.880 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014527.D

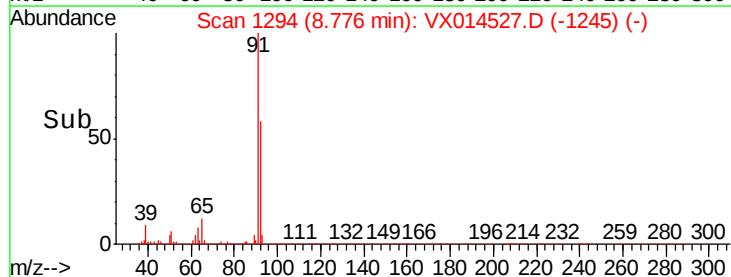
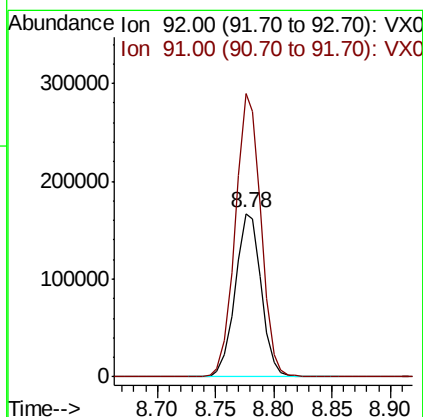
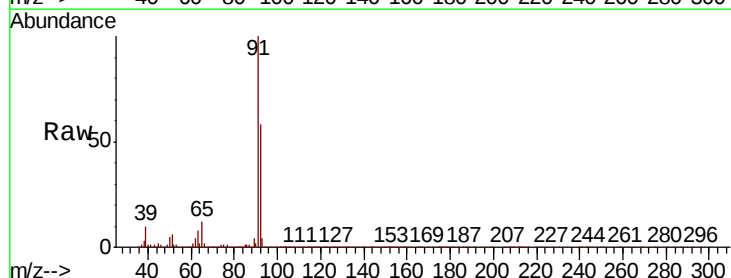
Acq: 10 Jan 2020 11:14

Tgt Ion: 92 Resp: 259016

Ion Ratio Lower Upper

92 100

91 171.4 135.7 203.5





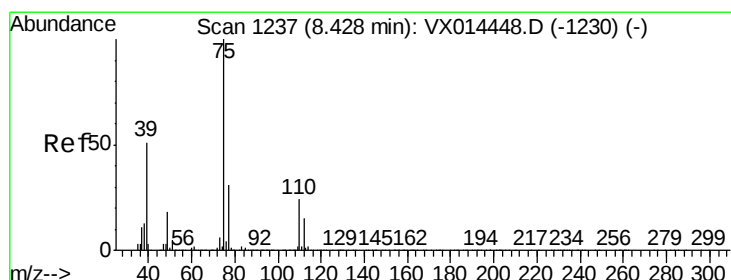
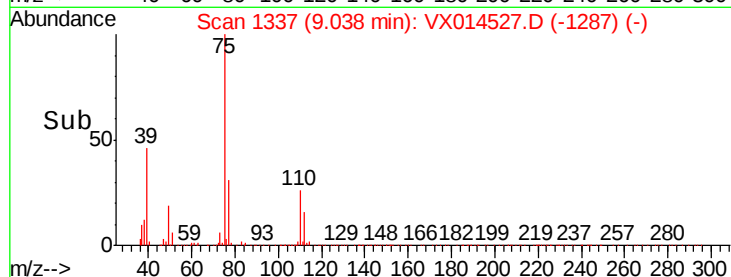
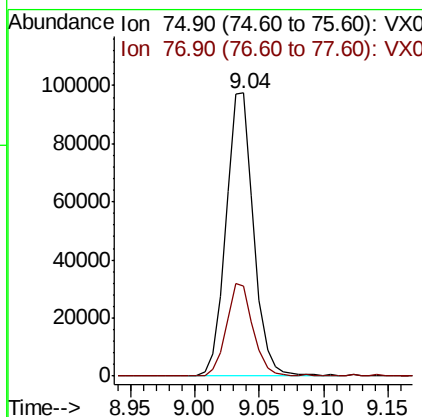
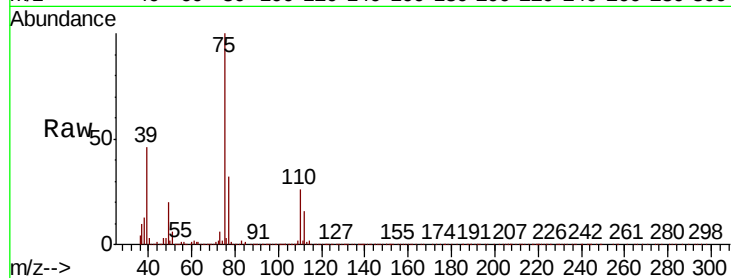
#53
t-1,3-Dichloropropene
Concen: 19.016 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2

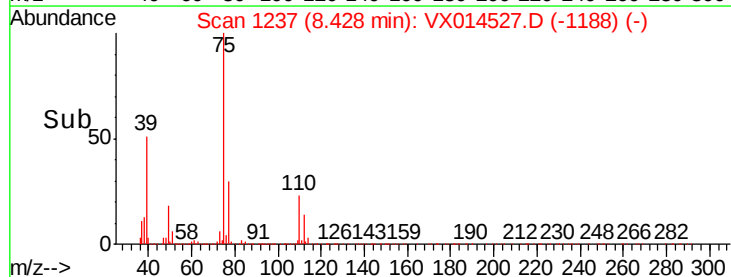
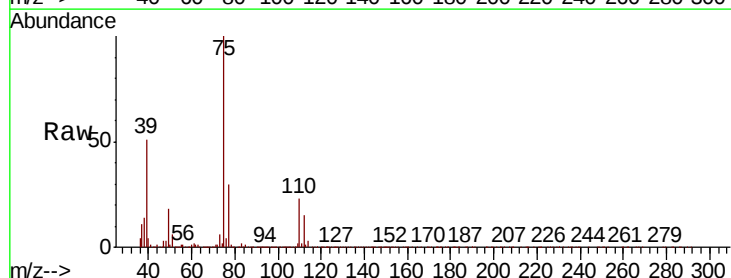
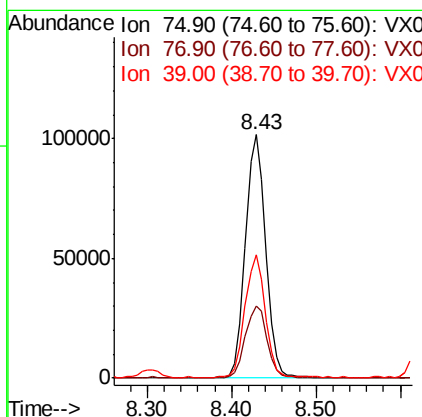
Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#54
cis-1,3-Dichloropropene
Concen: 19.927 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.6	25.0	37.4
39	50.2	40.7	61.1





#55

1,1,2-Trichloroethane

Concen: 19.783 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

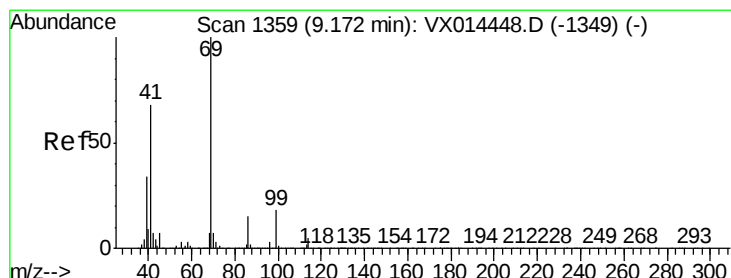
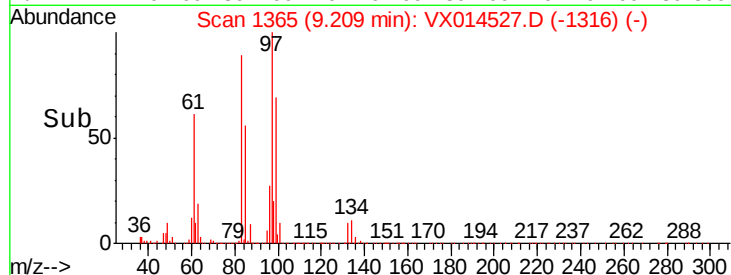
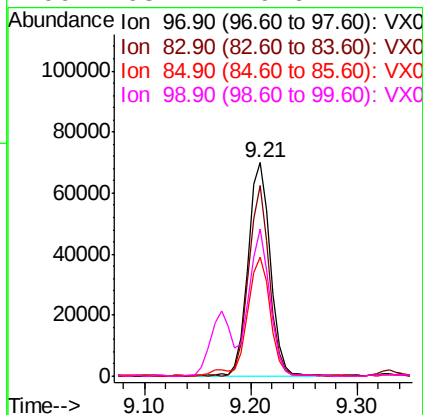
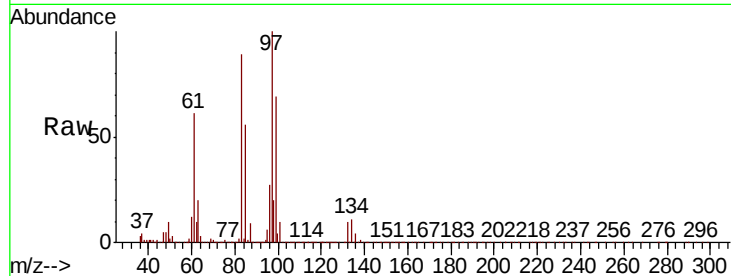
ClientSampleId :

VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.9	66.4	99.6
85	55.3	43.4	65.2
99	68.7	49.6	74.4

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#56

Ethyl methacrylate

Concen: 19.777 ug/l

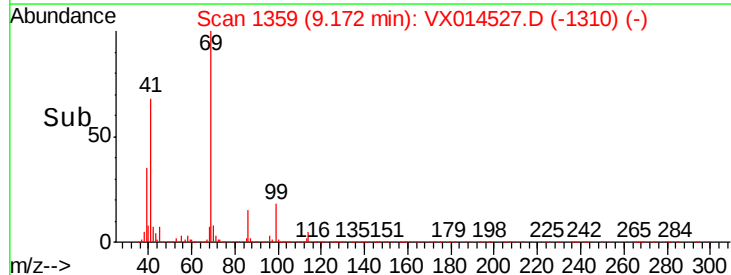
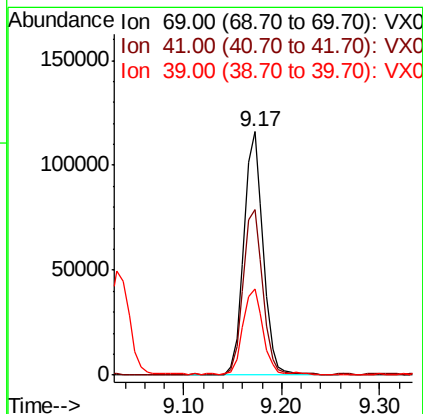
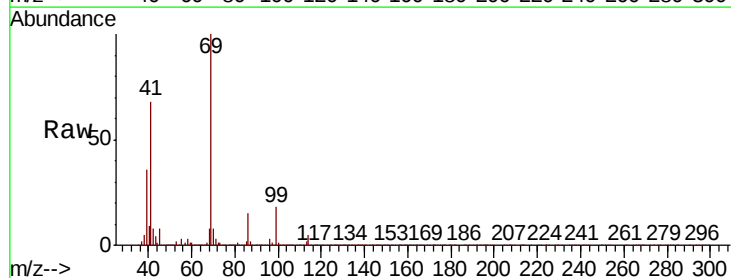
RT: 9.17 min Scan# 1359

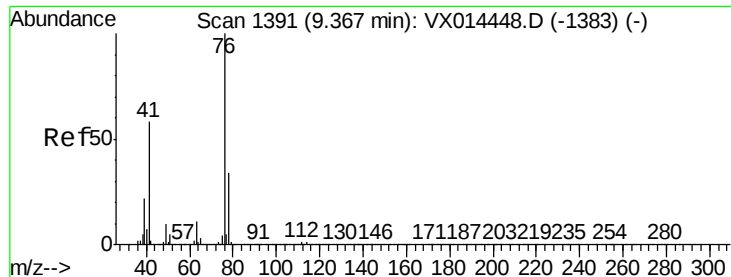
Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.2	81.2
39	37.1	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.859 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 76 Resp: 173769

Ion Ratio Lower Upper

76 100

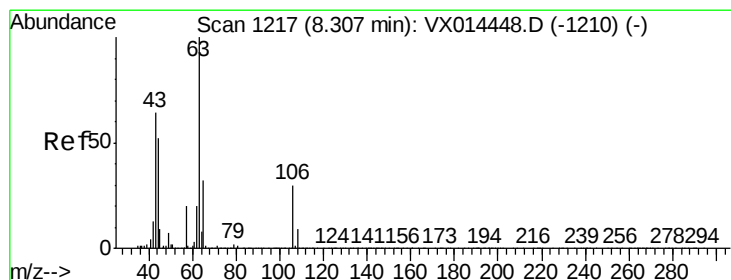
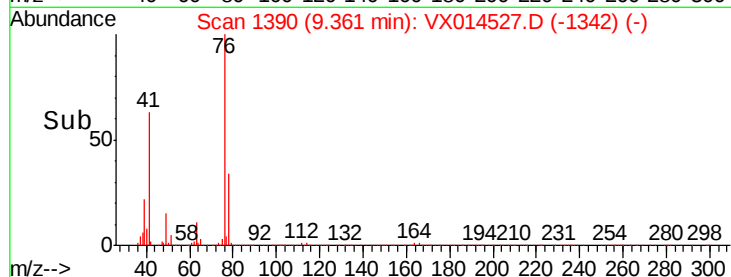
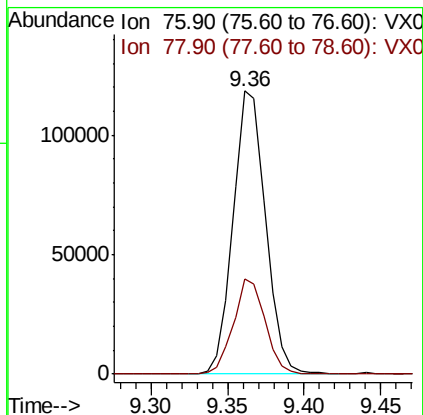
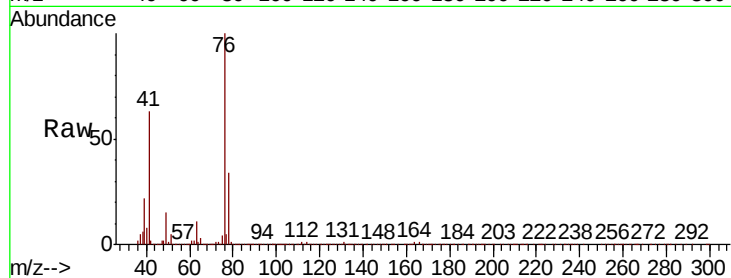
78 32.7 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

1/13/2020 11:34:41 AM



#58

2-Chloroethyl Vinyl ether

Concen: 95.880 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014527.D

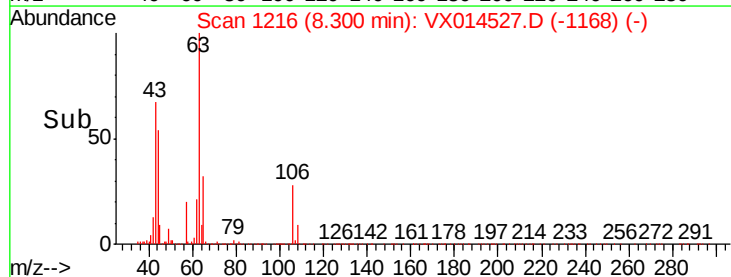
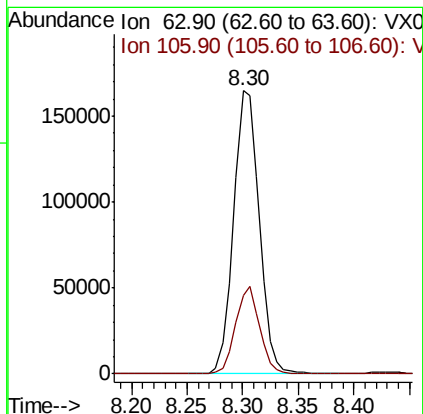
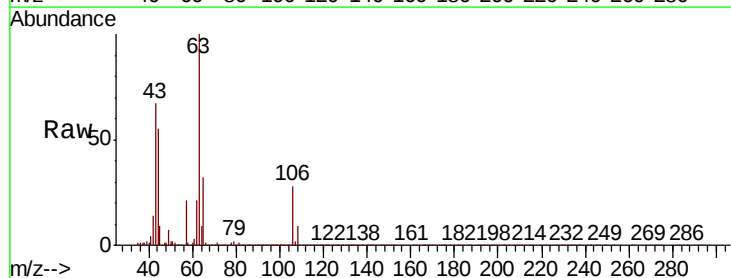
Acq: 10 Jan 2020 11:14

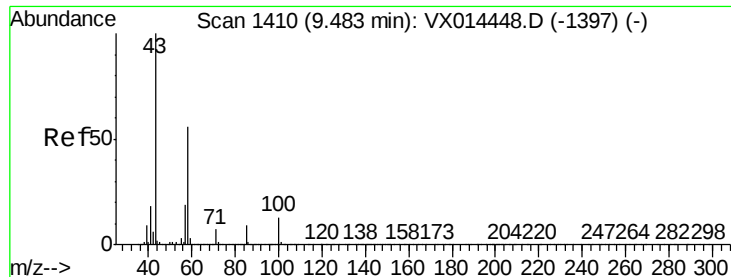
Tgt Ion: 63 Resp: 261543

Ion Ratio Lower Upper

63 100

106 29.3 23.6 35.4





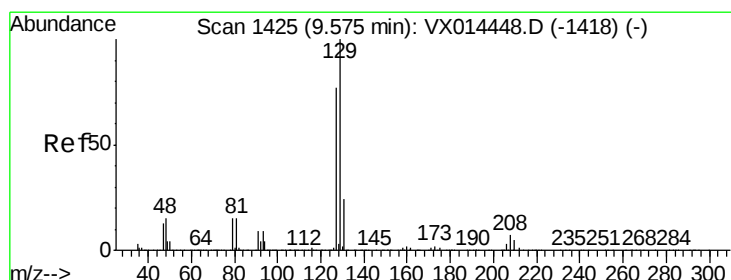
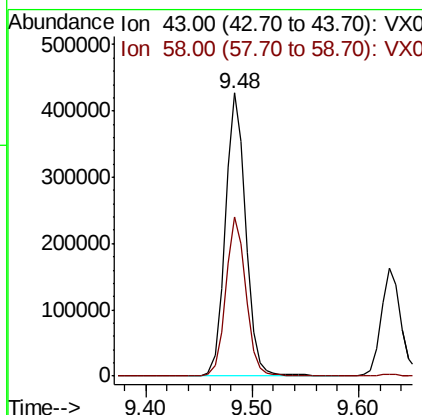
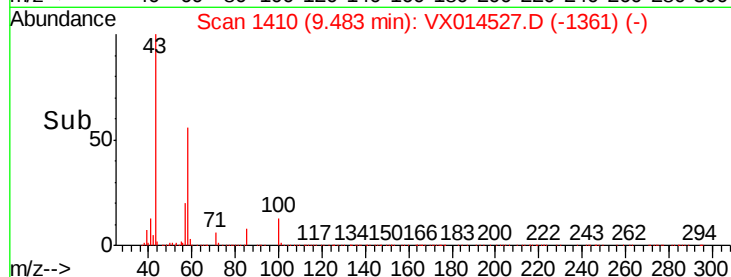
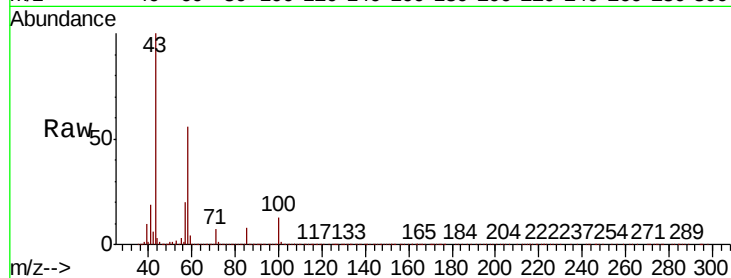
#59
2-Hexanone
Concen: 98.663 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion: 43 Resp: 572421
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.7

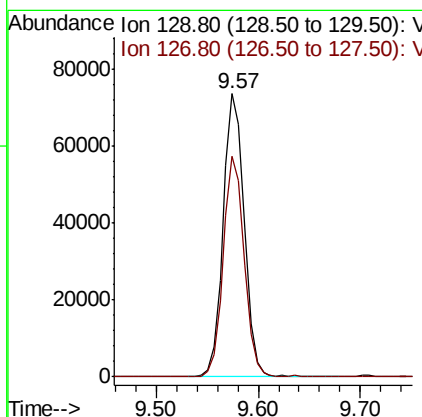
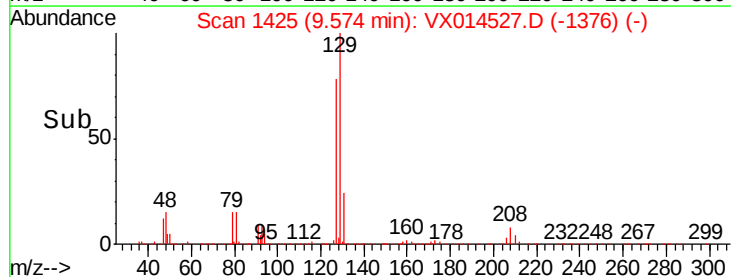
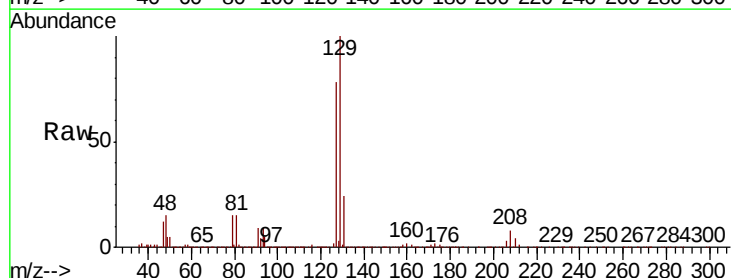
Manual Integrations
APPROVED

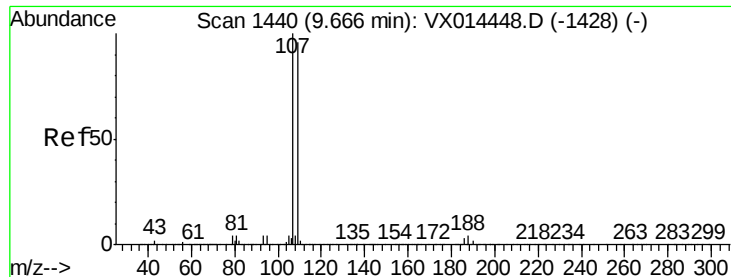
MMDadoda
1/13/2020 11:34:41 AM



#60
Dibromochloromethane
Concen: 20.077 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 129 Resp: 105607
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.256 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 107 Resp: 106745

Ion Ratio Lower Upper

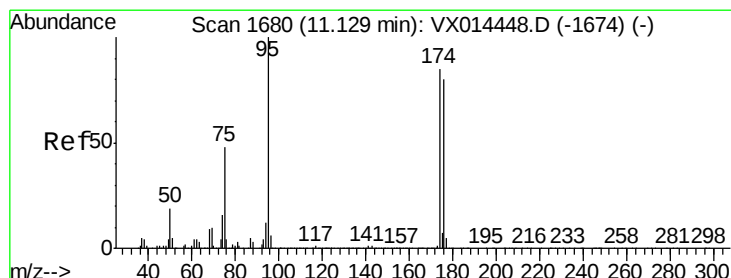
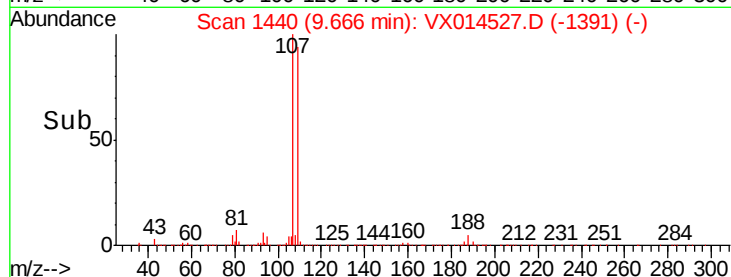
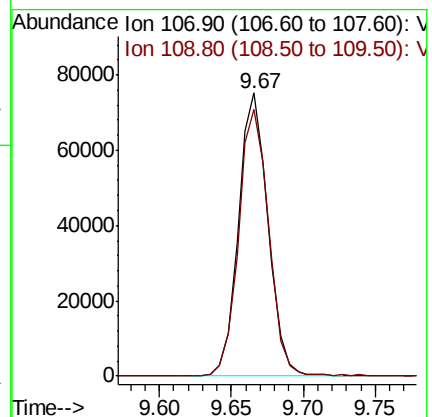
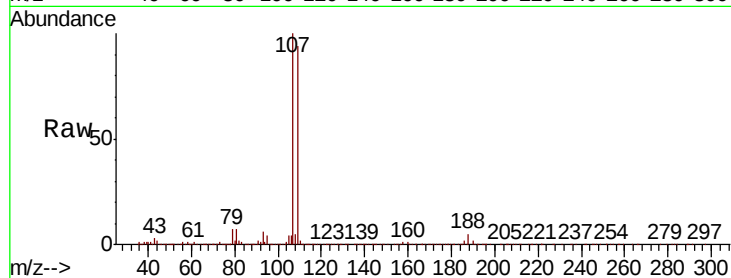
107 100

109 95.8 76.5 114.7

Manual Integrations
APPROVED

MMDadoda

1/13/2020 11:34:41 AM



#62

4-Bromofluorobenzene

Concen: 47.636 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

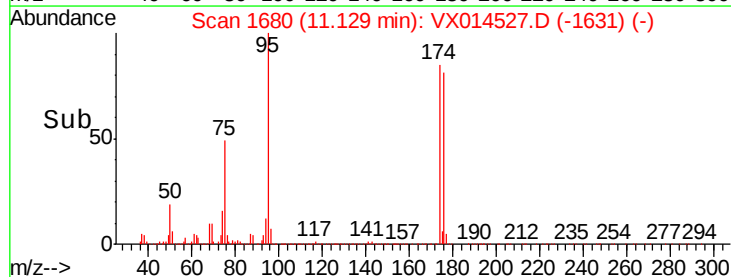
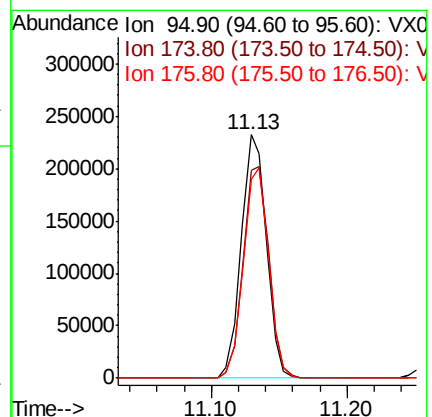
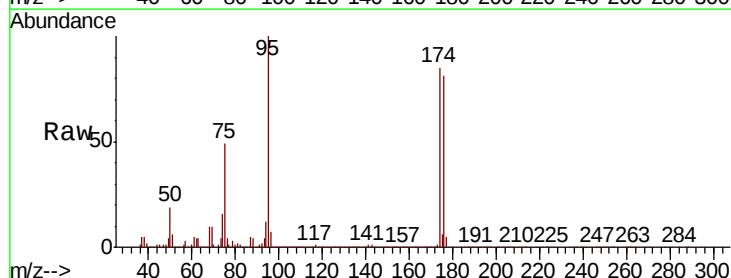
Tgt Ion: 95 Resp: 299565

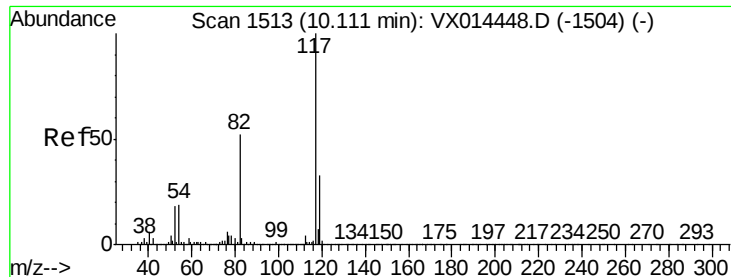
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.8

176 86.8 0.0 172.8





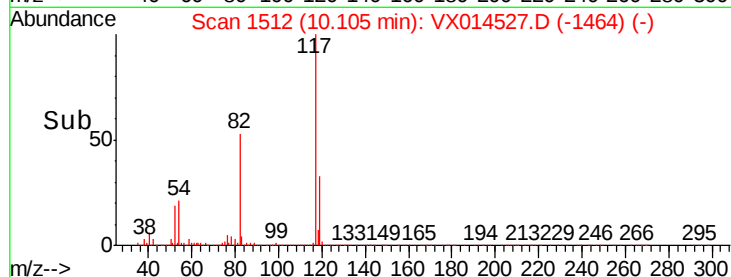
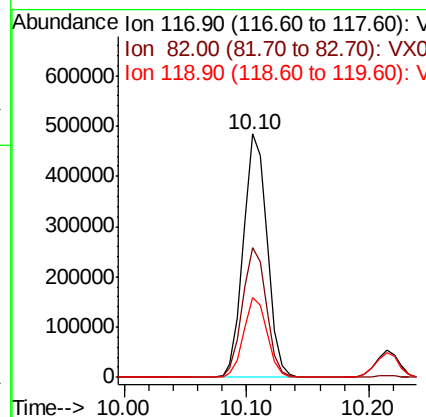
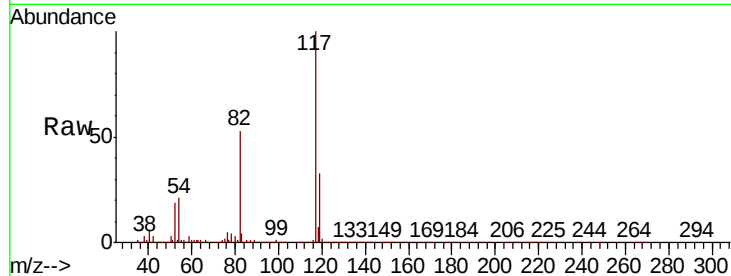
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.6
119	32.6	26.2	39.4

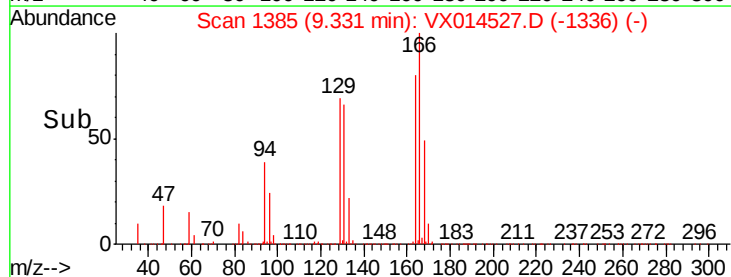
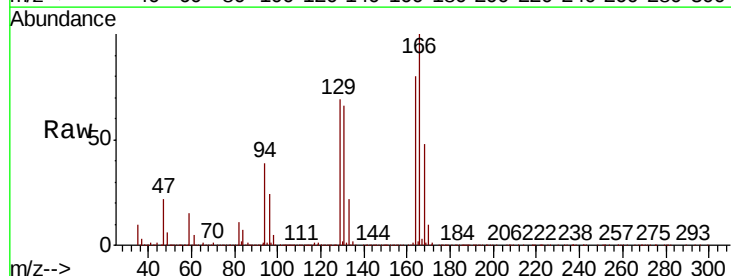
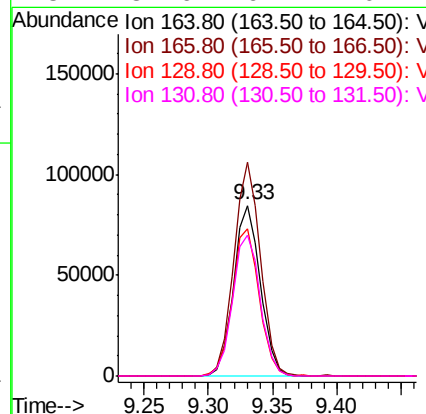
Manual Integrations
APPROVED

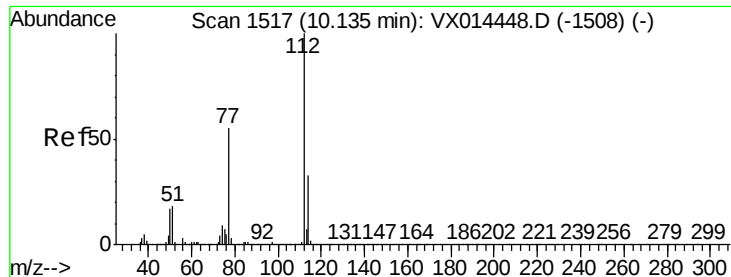
MMDadoda
1/13/2020 11:34:41 AM



#64
Tetrachloroethene
Concen: 18.974 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.2	151.8
129	86.2	68.3	102.5
131	82.6	67.4	101.2





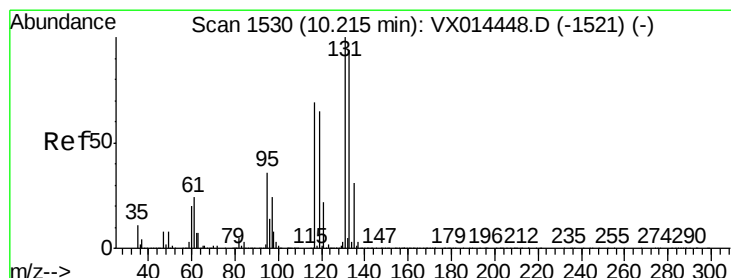
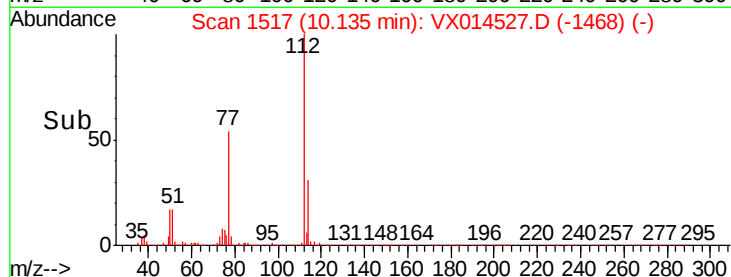
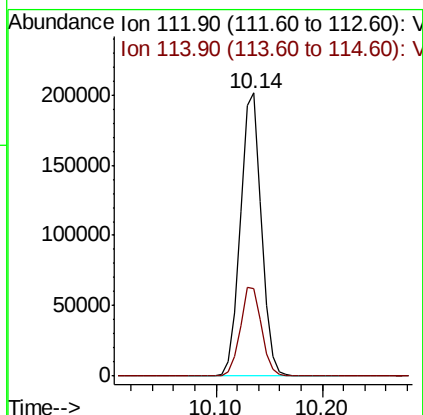
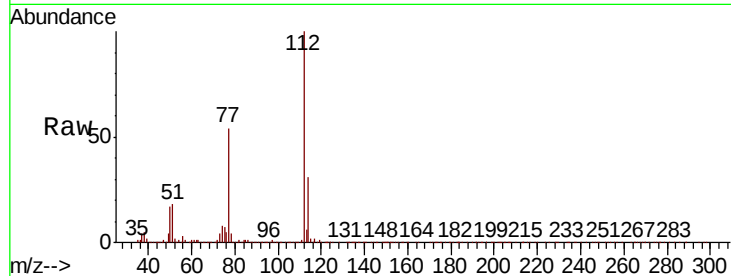
#65
Chlorobenzene
Concen: 19.857 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	26.2	39.4

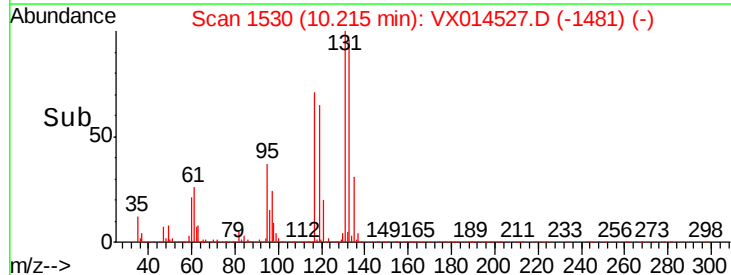
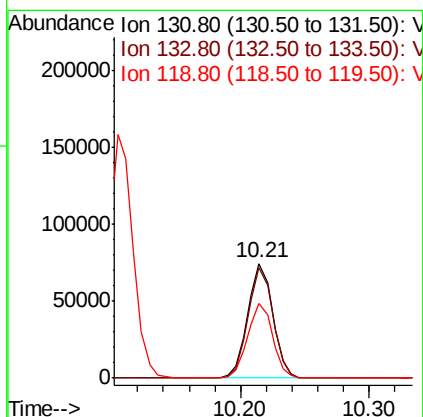
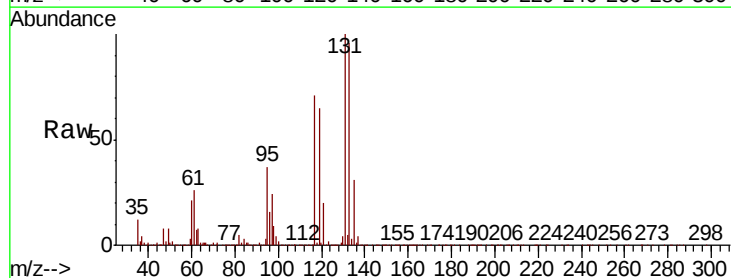
Manual Integrations
APPROVED

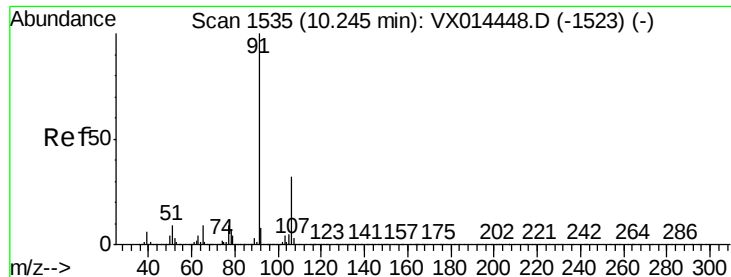
MMDadoda
1/13/2020 11:34:41 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.899 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	142.0
119	64.7	32.8	98.4





#67

Ethyl Benzene

Concen: 20.406 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 91 Resp: 488904

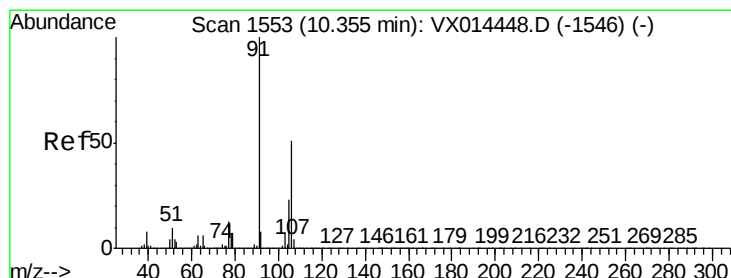
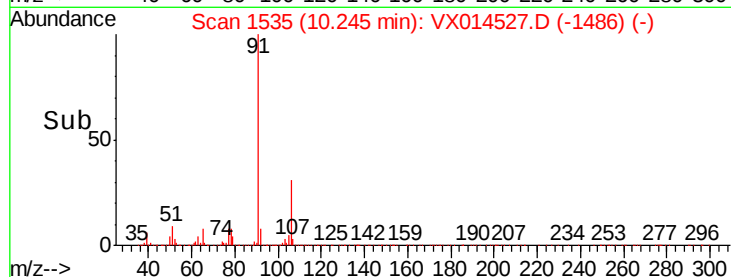
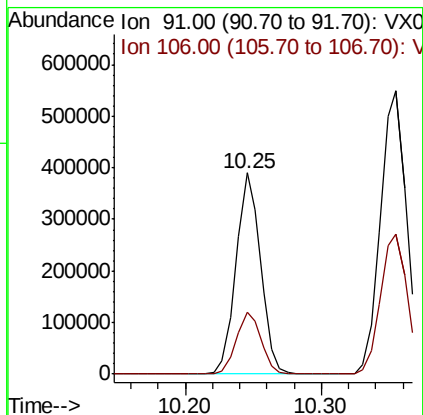
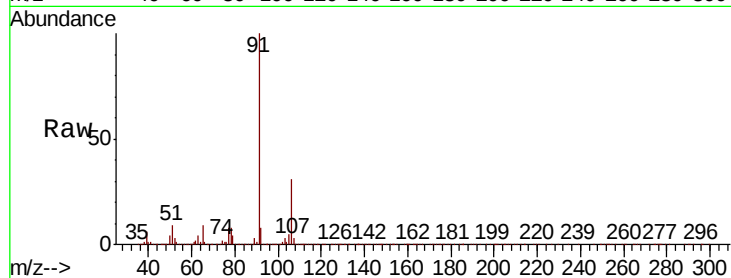
Ion Ratio Lower Upper

91 100

106 31.0 25.6 38.4

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#68

m/p-Xylenes

Concen: 40.085 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014527.D

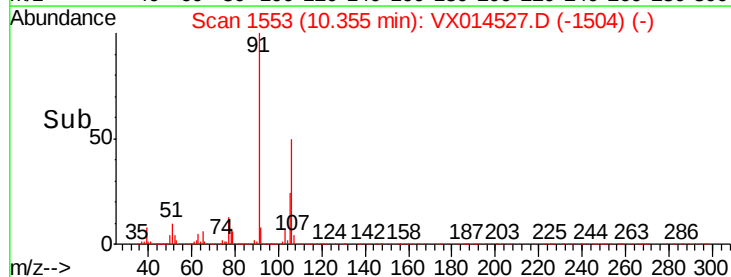
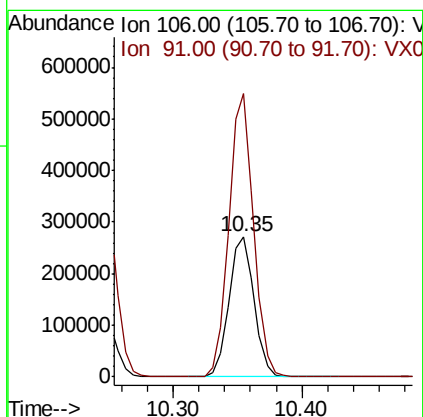
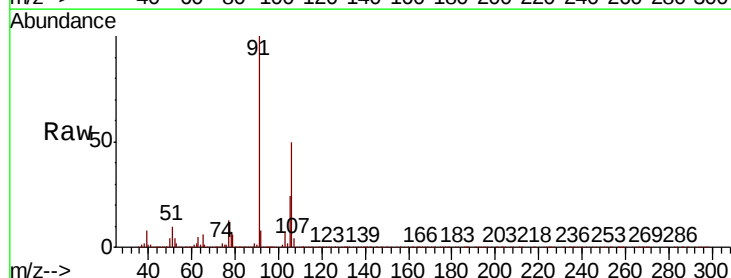
Acq: 10 Jan 2020 11:14

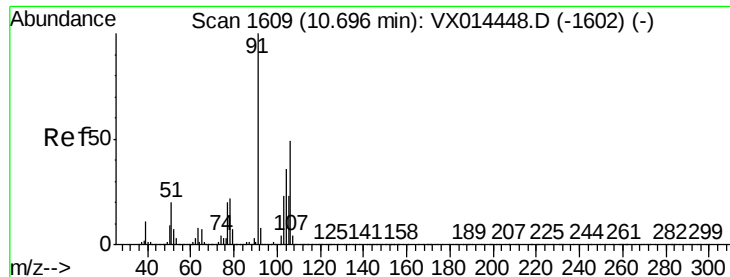
Tgt Ion: 106 Resp: 370508

Ion Ratio Lower Upper

106 100

91 198.6 157.4 236.0





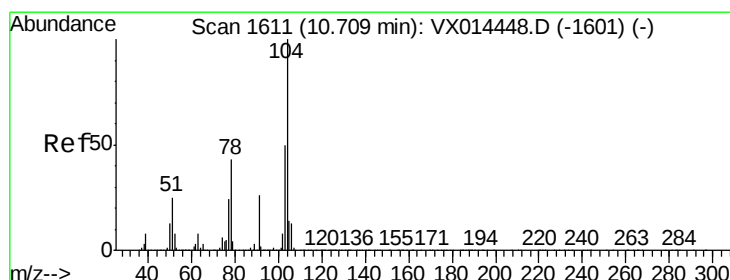
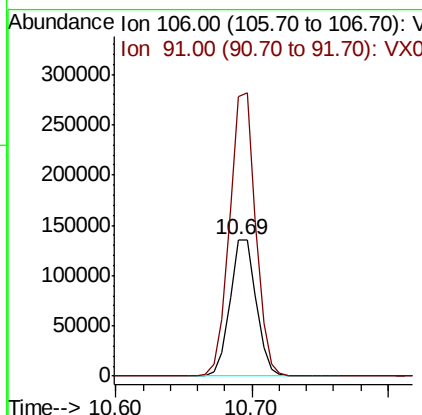
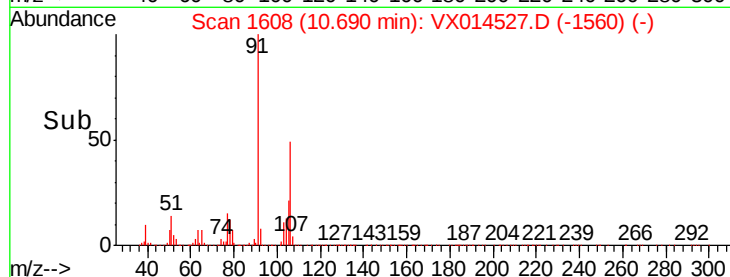
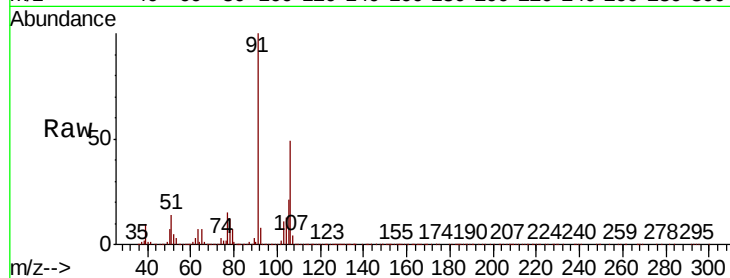
#69
o-Xylene
Concen: 20.650 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.1	105.1	315.1

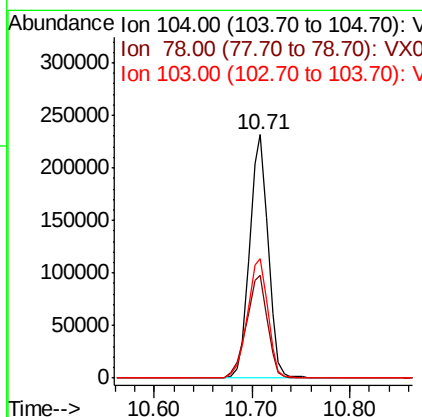
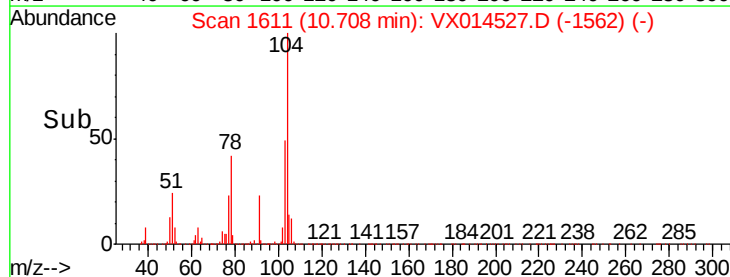
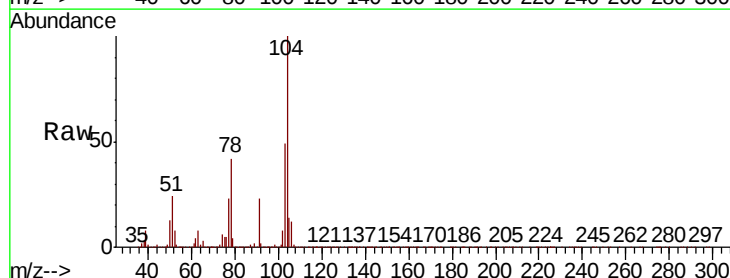
Manual Integrations
APPROVED

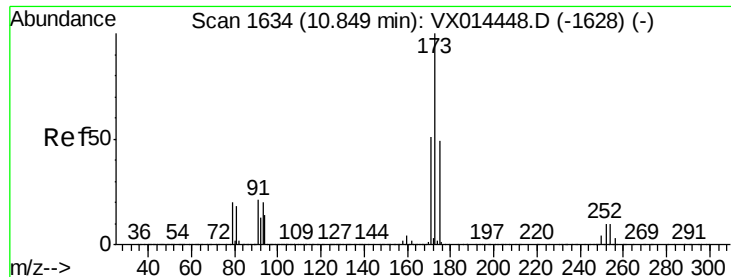
MMDadoda
1/13/2020 11:34:41 AM



#70
Styrene
Concen: 19.940 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	38.6	58.0
103	54.5	43.7	65.5





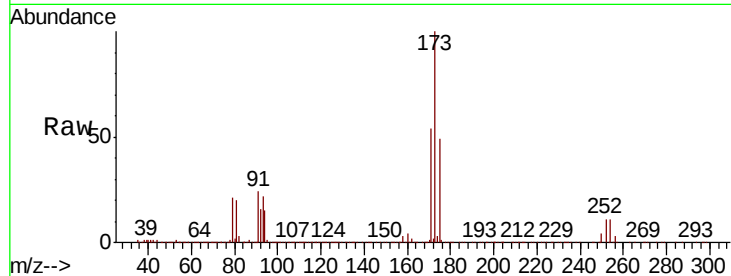
#71
Bromoform
Concen: 18.945 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

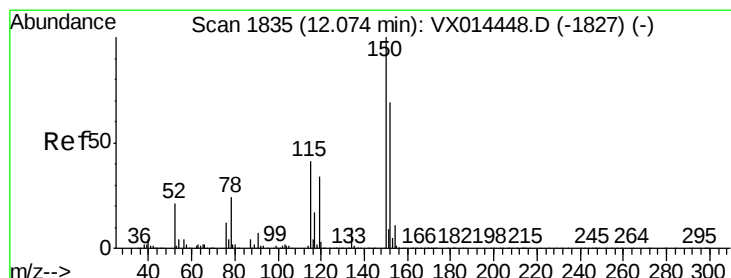
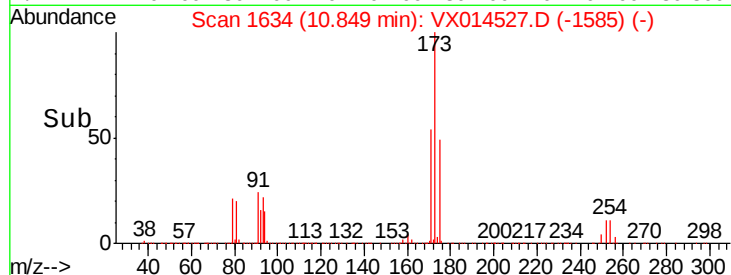
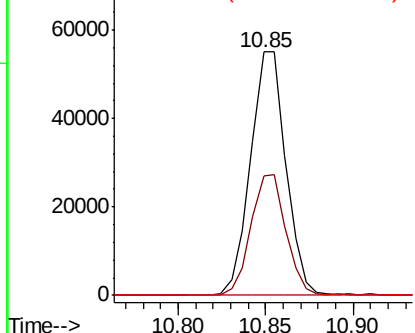
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.3	72.8
254	0.3	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM

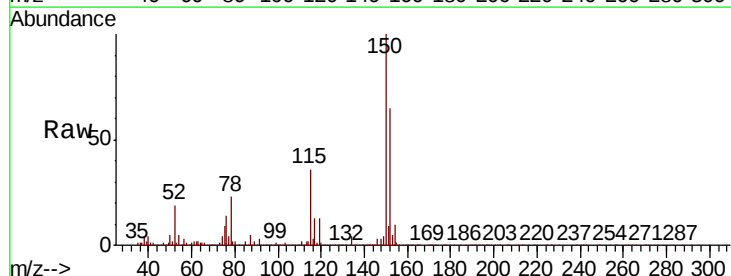


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

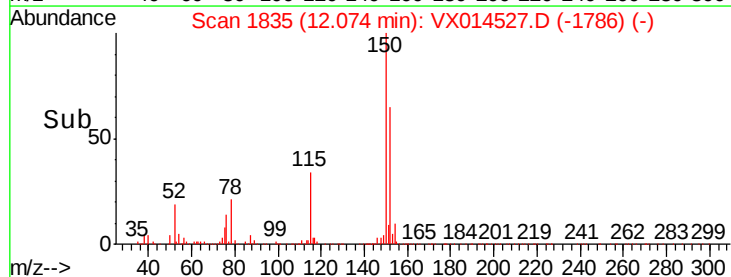
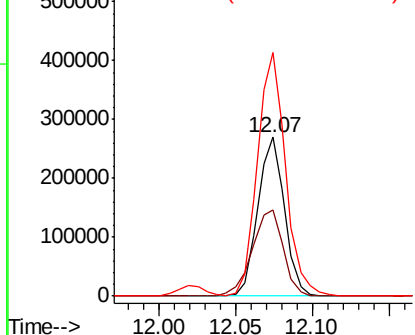


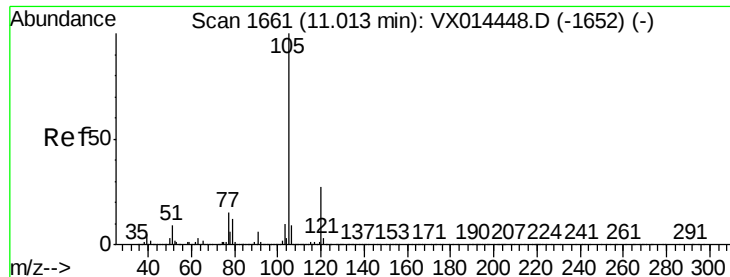
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	39.5	118.3
150	161.2	0.0	350.2



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





#73

Isopropylbenzene

Concen: 20.699 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tot Ion: 105 Resp: 475962

Ion Ratio Lower Upper

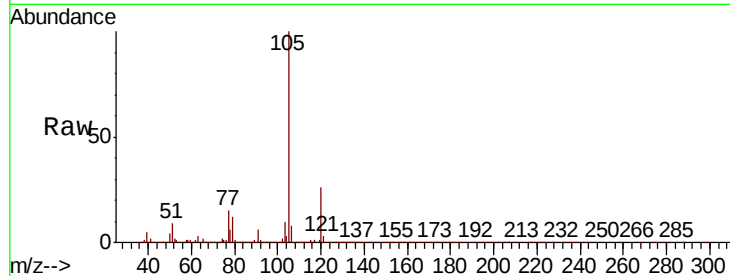
105 100

120 27.1 13.4 40.2

Manual Integrations
APPROVED

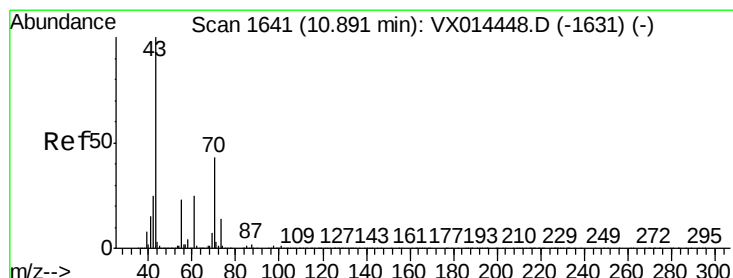
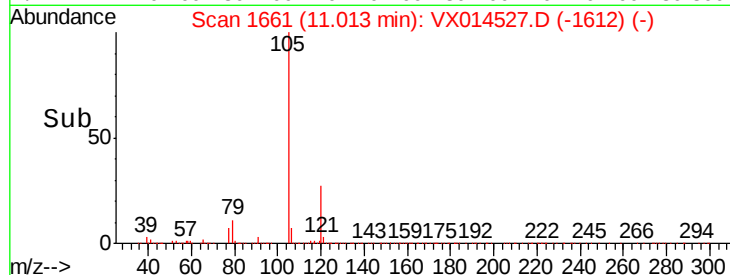
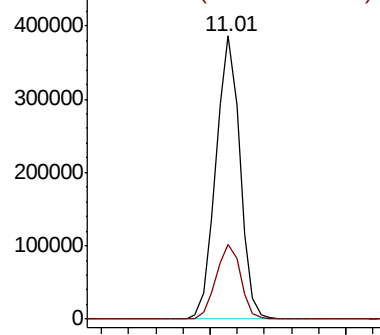
MMDadoda

1/13/2020 11:34:41 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.005 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion: 43 Resp: 202944

Ion Ratio Lower Upper

43 100

70 43.3 35.1 52.7

55 24.1 19.3 28.9

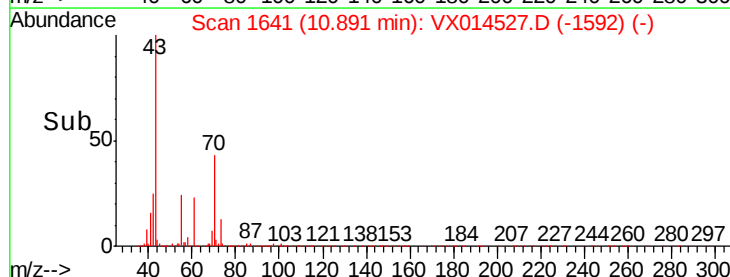
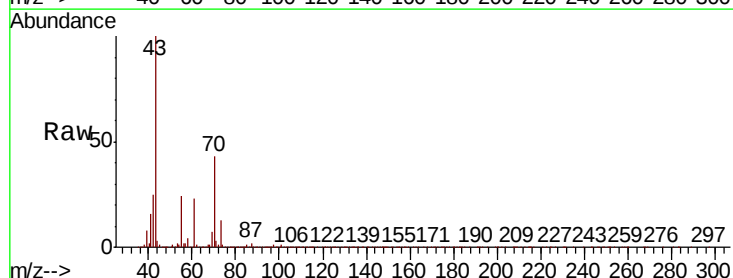
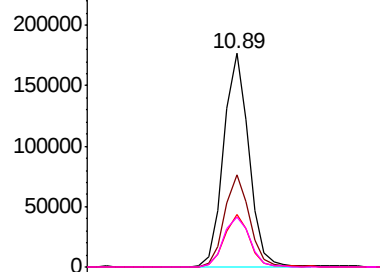
61 24.2 20.0 30.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.540 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

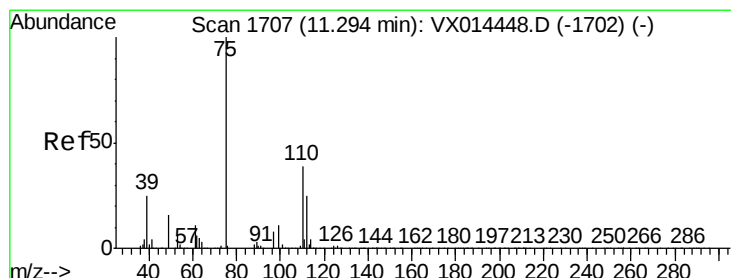
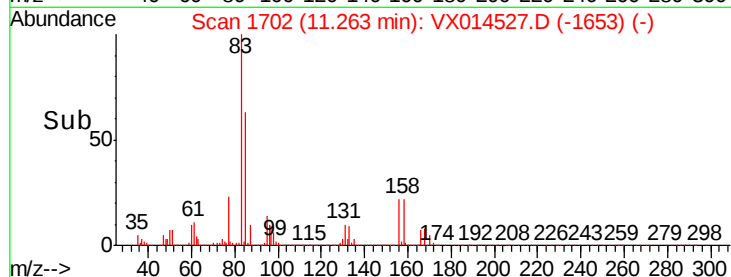
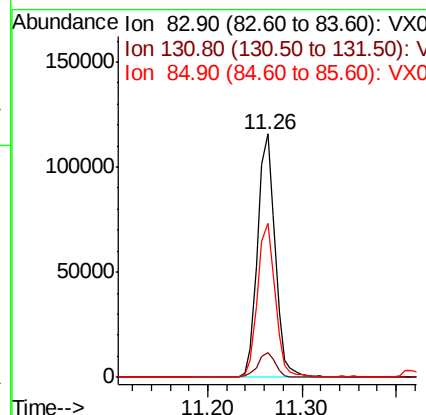
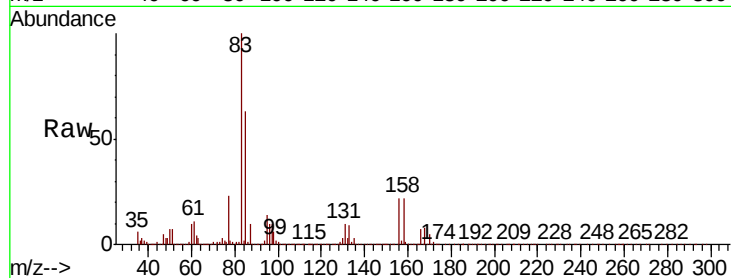
ClientSampleId :

VX0110WBSD01

Tot Ion:	83	Resp:	151465
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.4
85	63.6	32.5	97.4

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#76

1,2,3-Trichloropropane

Concen: 19.276 ug/l m

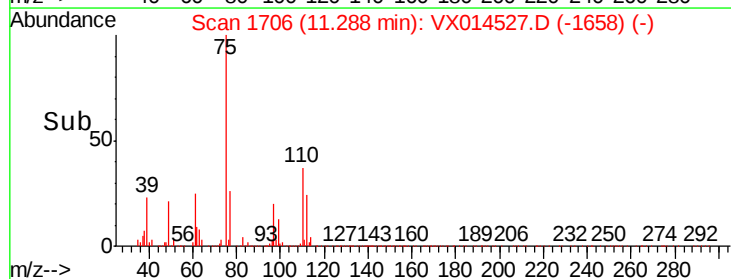
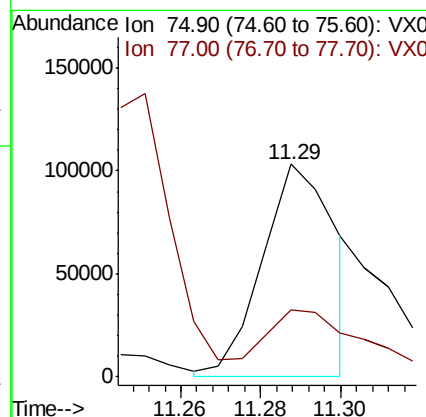
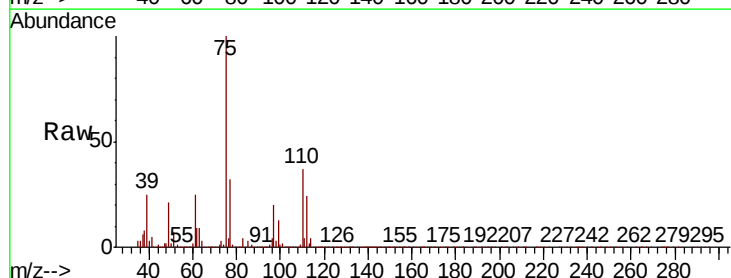
RT: 11.29 min Scan# 1706

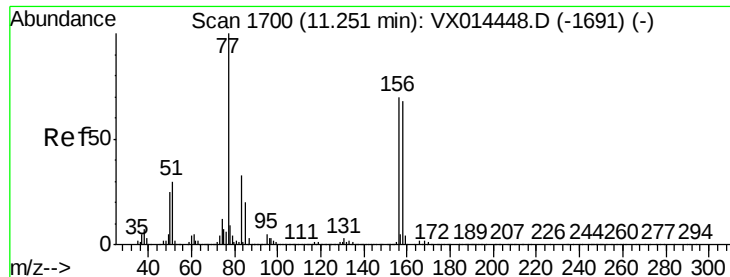
Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:	75	Resp:	130597
Ion Ratio	Lower	Upper	
75	100		
77	43.7	21.9	65.7





#77

Bromobenzene

Concen: 19.277 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

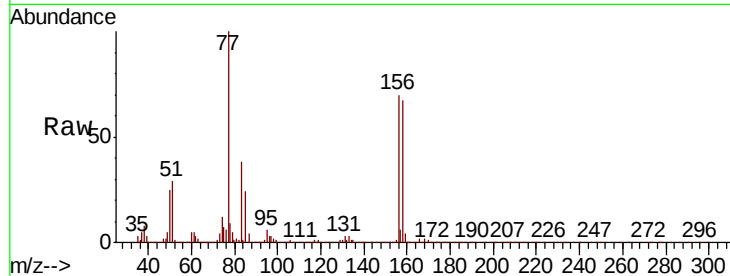
ClientSampleId :

VX0110WBSD01

Tot Ion:	156	Resp:	122930
Ion Ratio	Lower	Upper	
156	100		
77	149.0	75.4	226.3
158	98.2	48.8	146.3

Manual Integrations
APPROVED

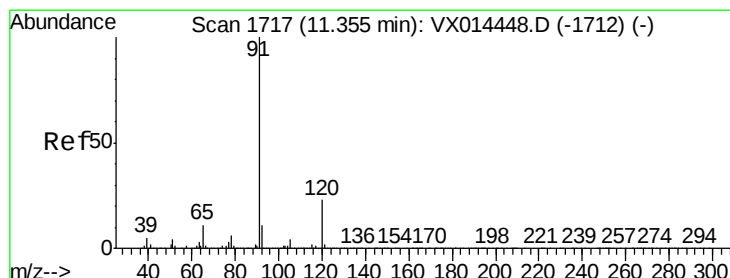
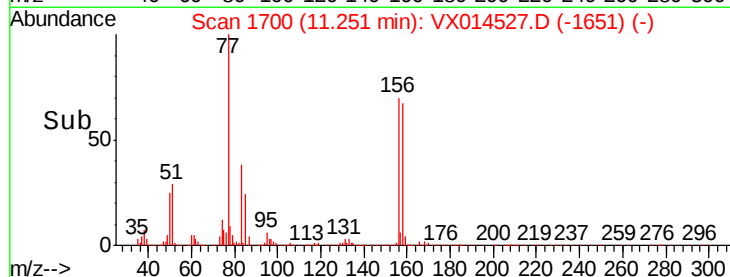
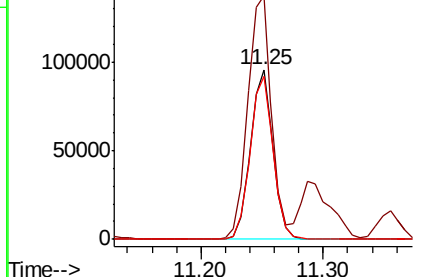
MMDadoda
1/13/2020 11:34:41 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.556 ug/l

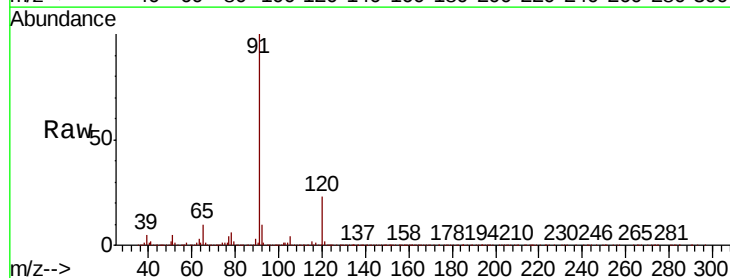
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014527.D

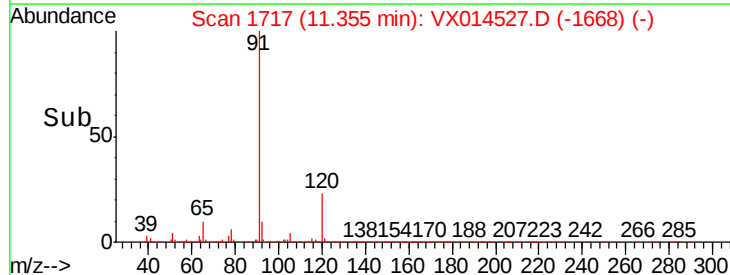
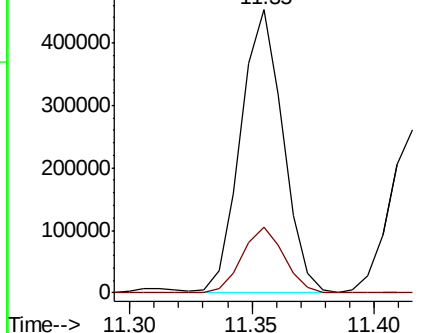
Acq: 10 Jan 2020 11:14

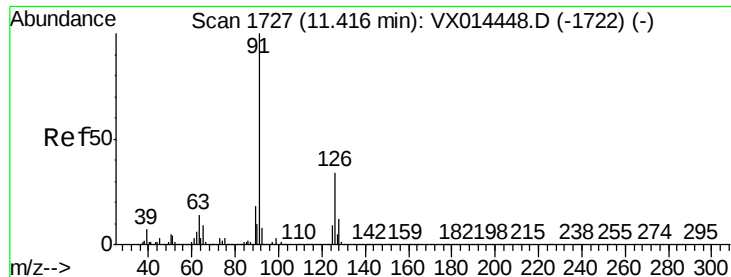
Tgt Ion:	91	Resp:	541334
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





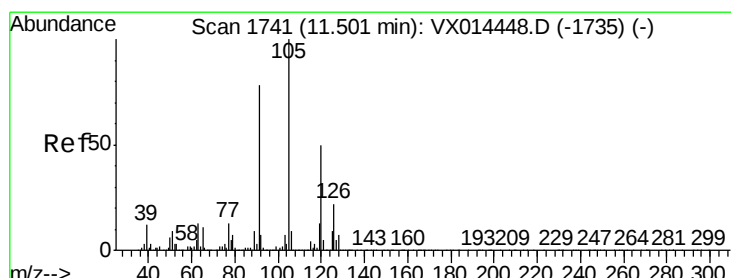
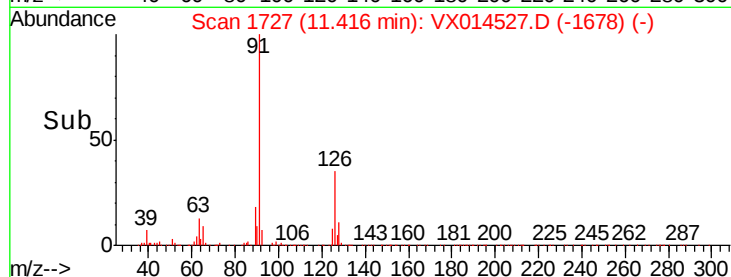
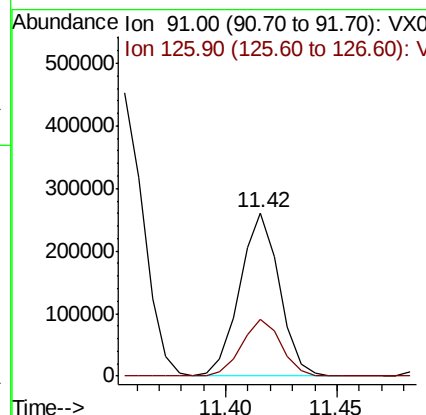
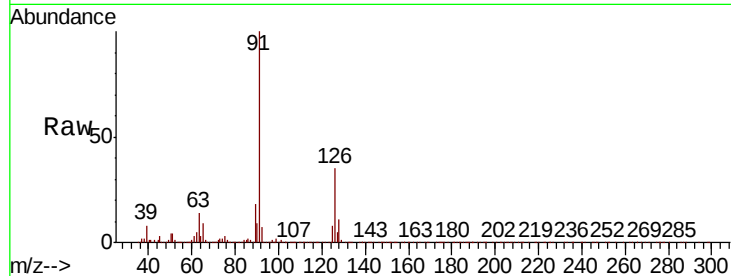
#79
2-Chlorotoluene
Concen: 20.397 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.5	52.5

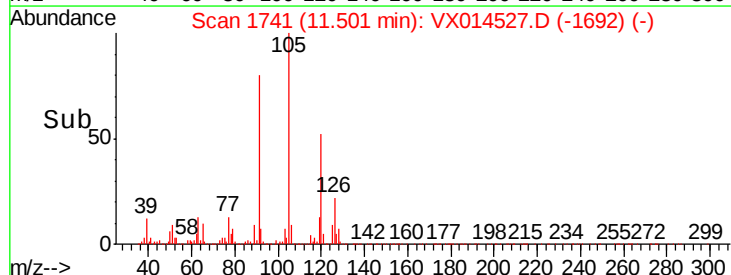
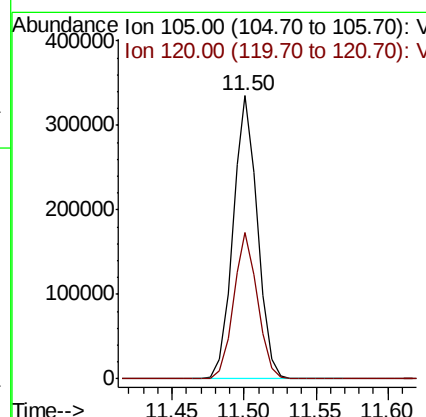
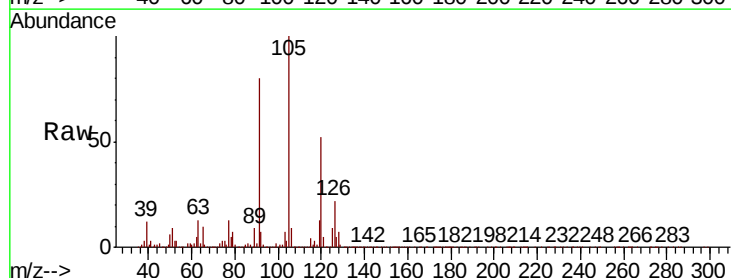
Manual Integrations
APPROVED

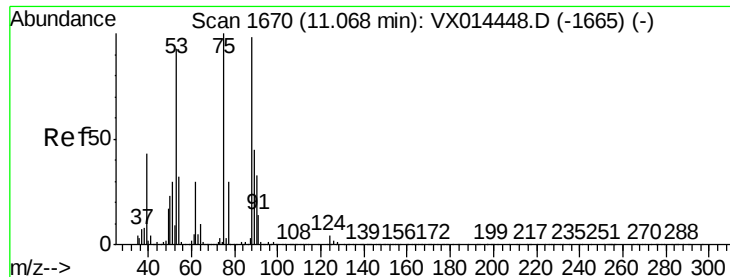
MMDadoda
1/13/2020 11:34:41 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.844 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.9	25.2	75.6





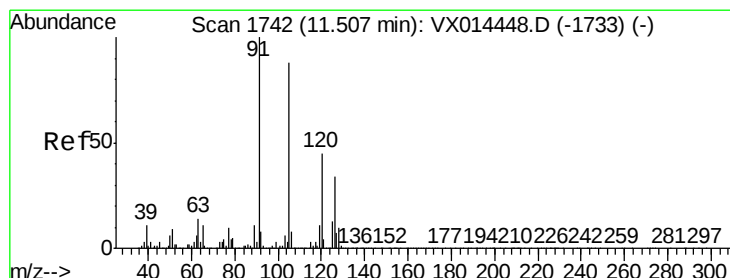
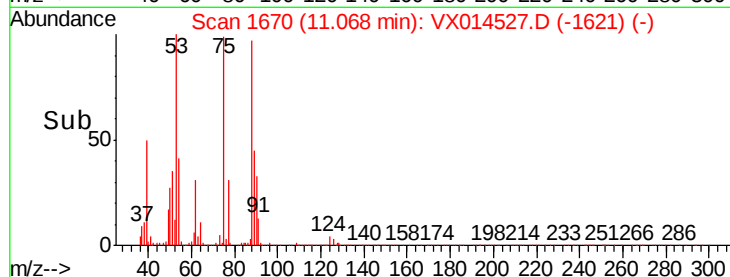
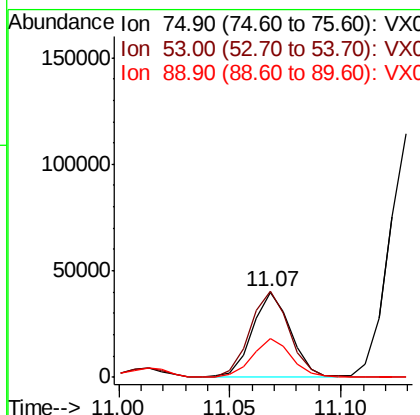
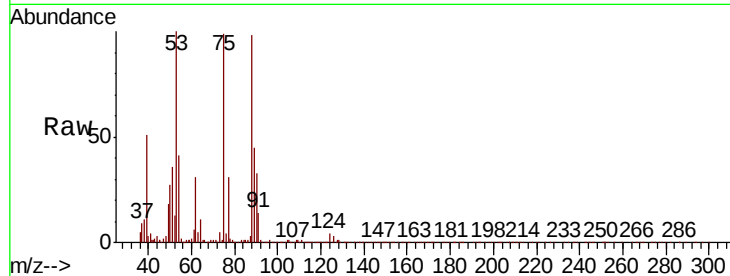
#81
trans-1,4-Dichloro-2-butene
Concen: 18.330 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	74.8	112.2
89	47.6	36.3	54.5

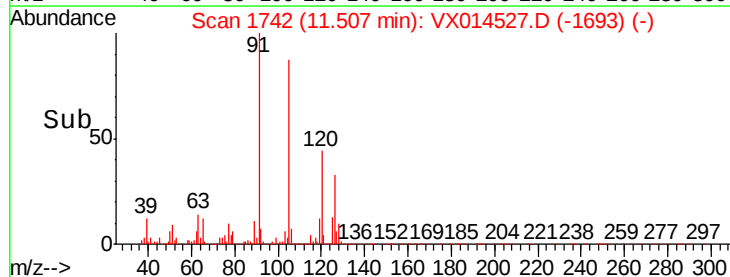
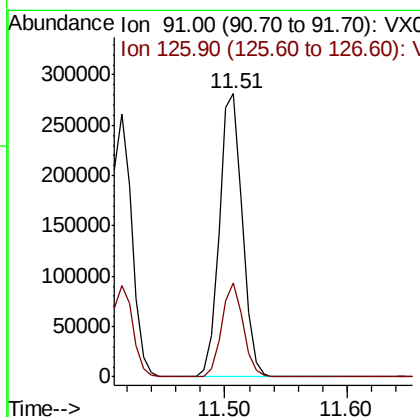
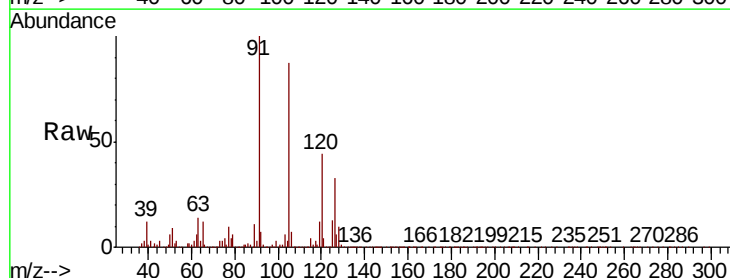
Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#82
4-Chlorotoluene
Concen: 19.876 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.9	47.7





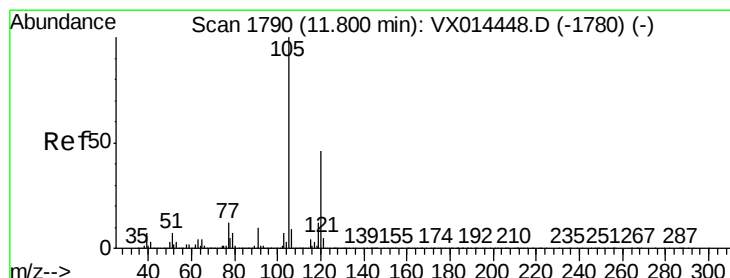
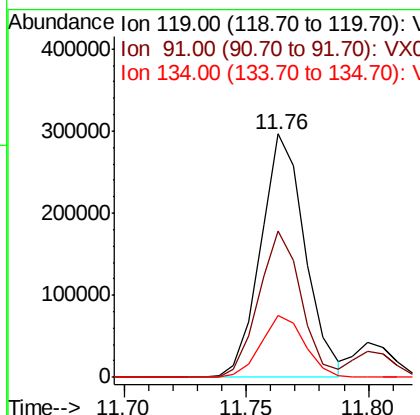
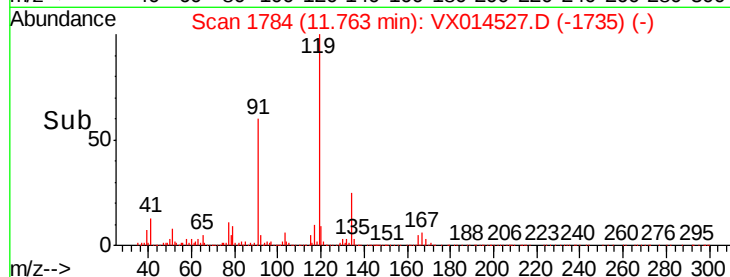
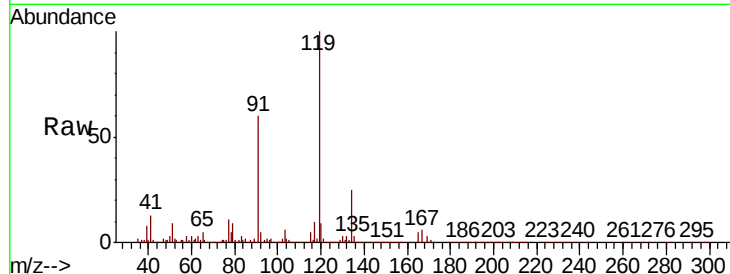
#83
tert-Butylbenzene
Concen: 20.801 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	375220		
91	57.8	29.3	88.0	
134	25.2	12.4	37.4	

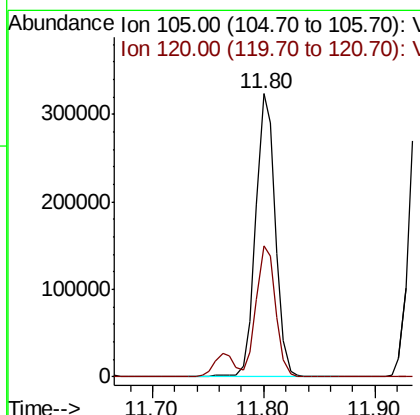
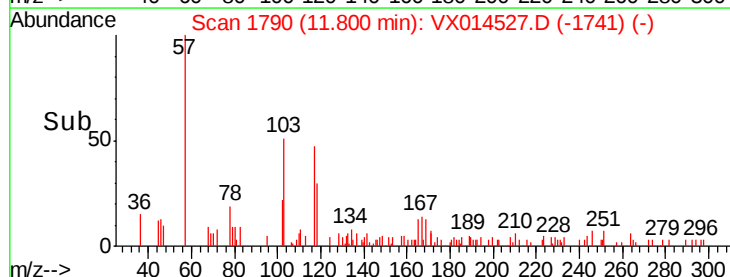
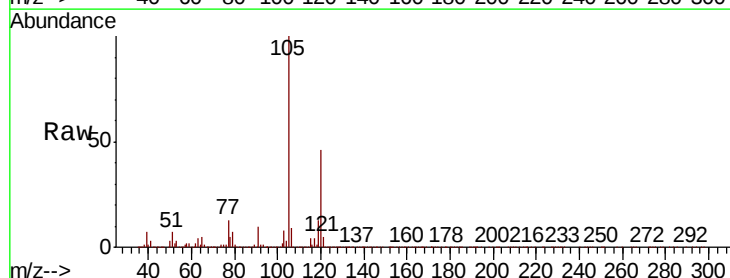
Manual Integrations
APPROVED

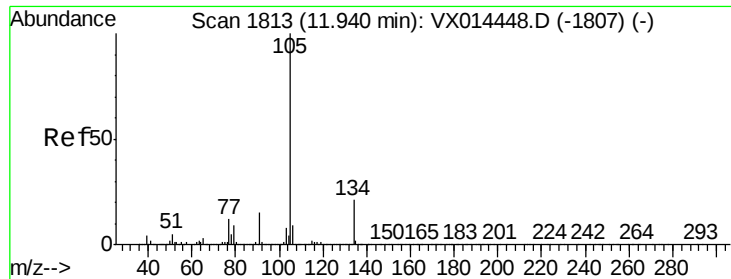
MMDadoda
1/13/2020 11:34:41 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.599 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	397374		
120	45.9	23.1	69.3	





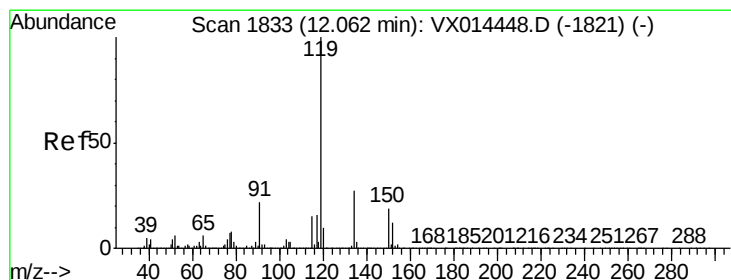
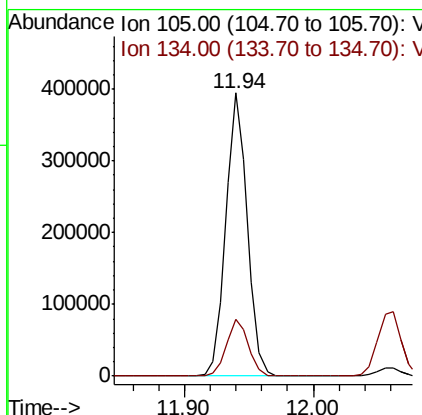
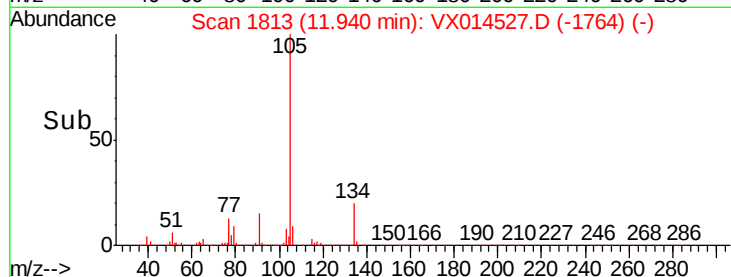
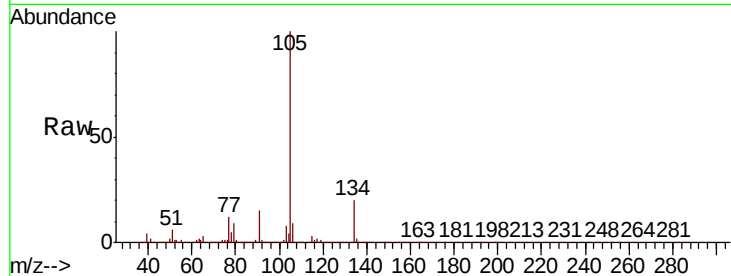
#85
 sec-Butylbenzene
 Concen: 20.572 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.5	31.5

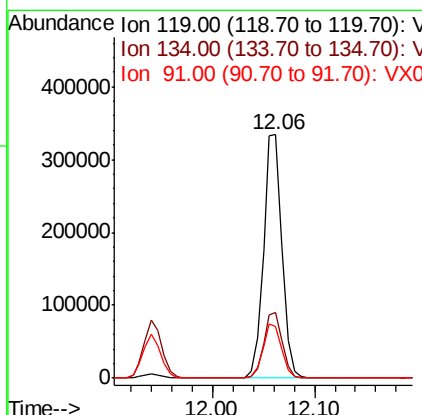
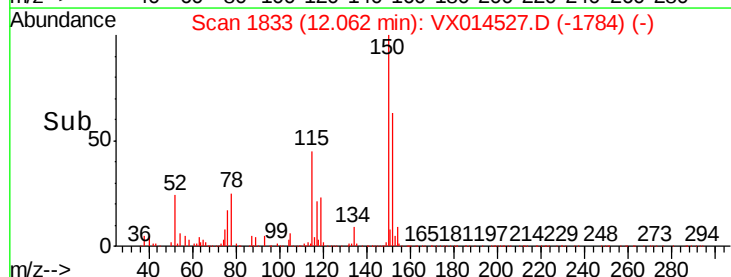
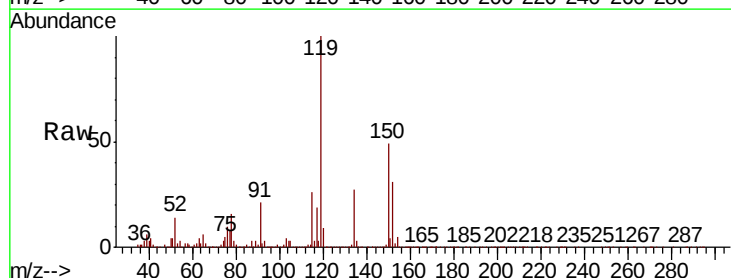
Manual Integrations
 APPROVED

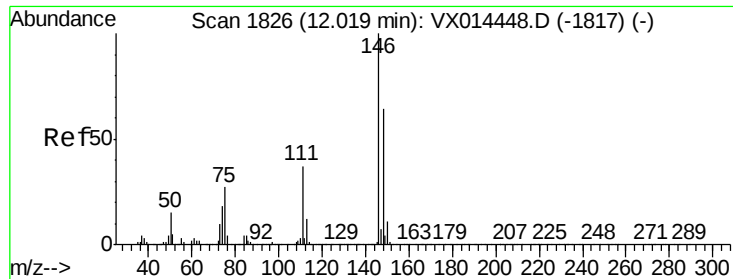
MMDadoda
 1/13/2020 11:34:41 AM



#86
 p-Isopropyltoluene
 Concen: 20.347 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.5	40.4
91	22.3	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 19.054 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014527.D

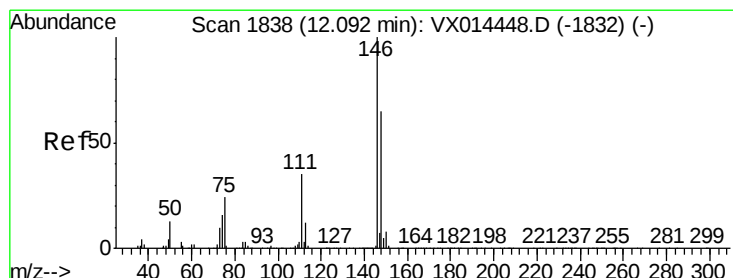
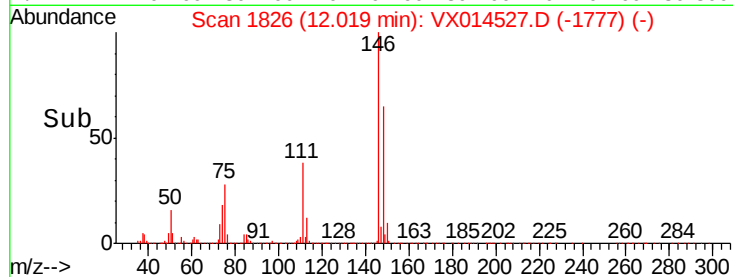
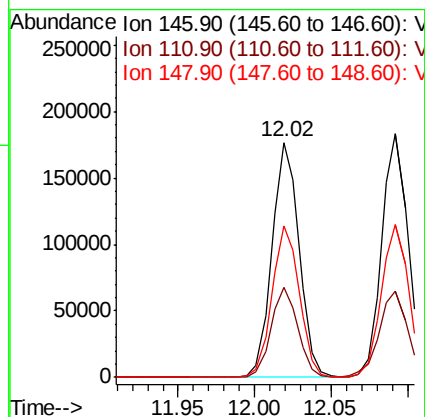
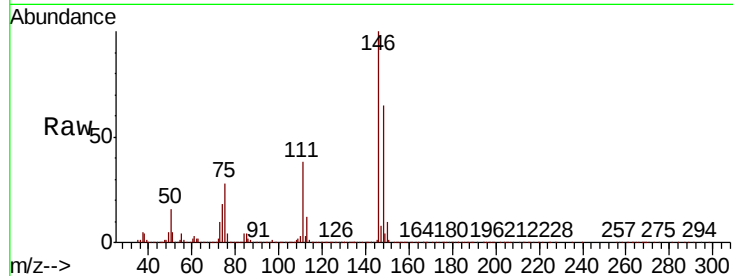
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	65.0	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#88

1,4-Dichlorobenzene

Concen: 20.069 ug/l

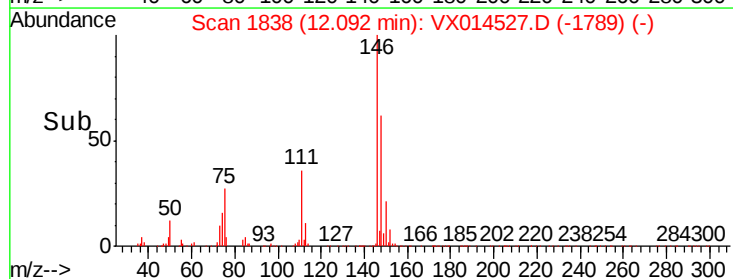
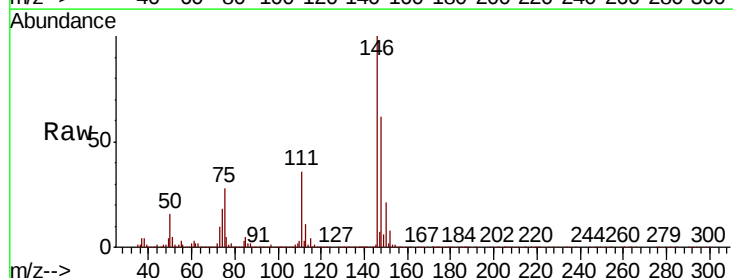
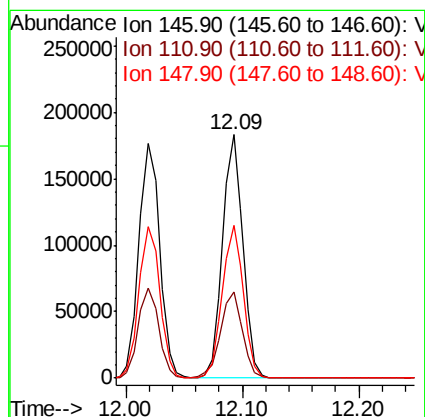
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	64.8	32.1	96.3





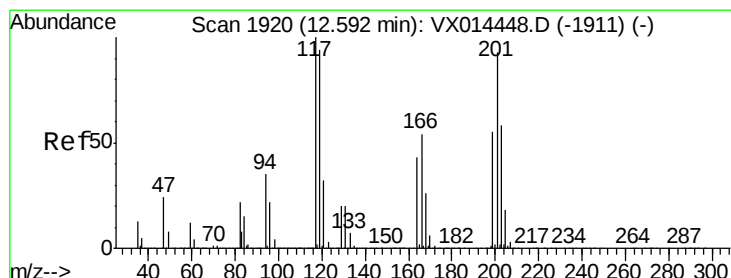
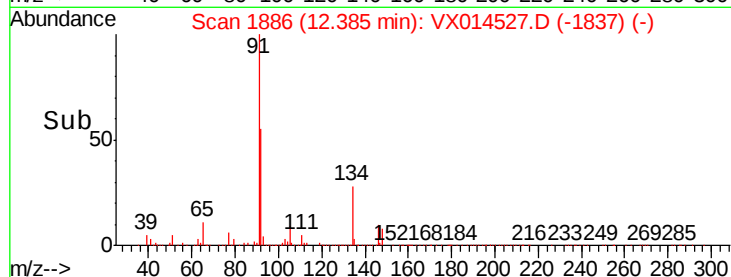
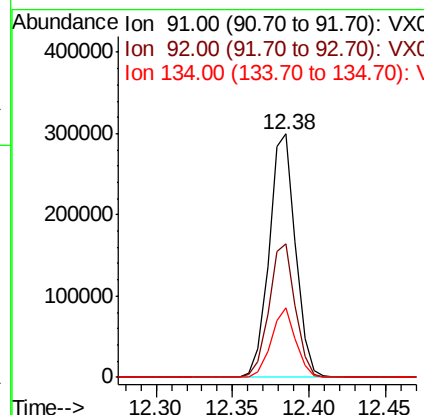
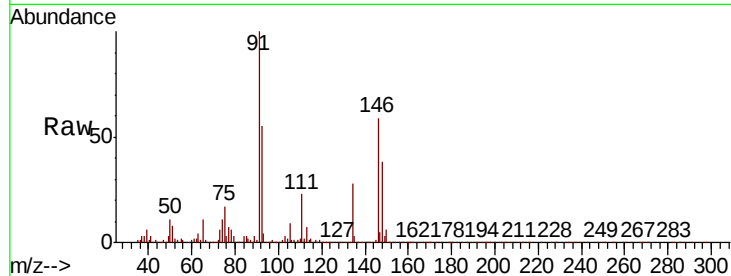
#89
n-Butylbenzene
Concen: 18.936 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	26.7	13.9	41.7

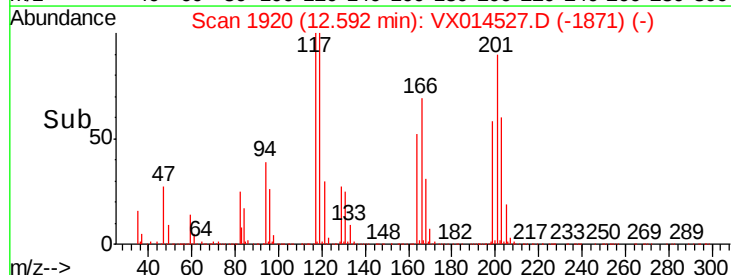
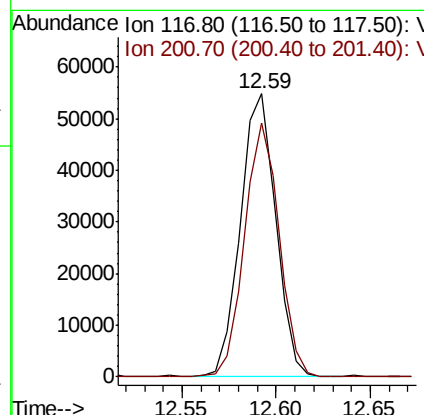
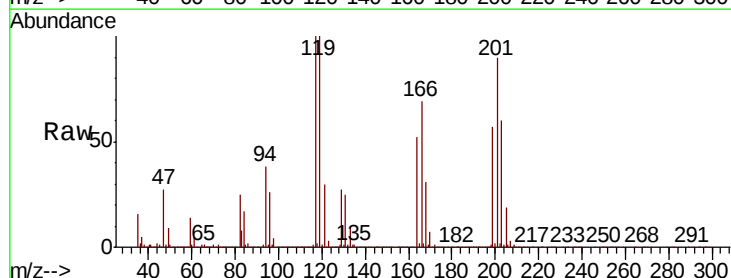
Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#90
Hexachloroethane
Concen: 19.414 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 19.701 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

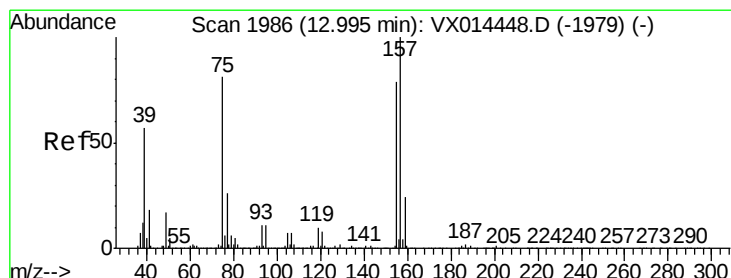
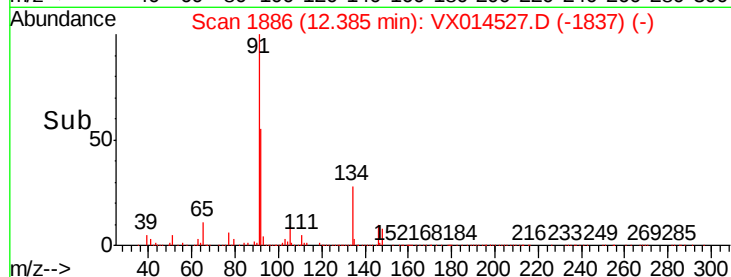
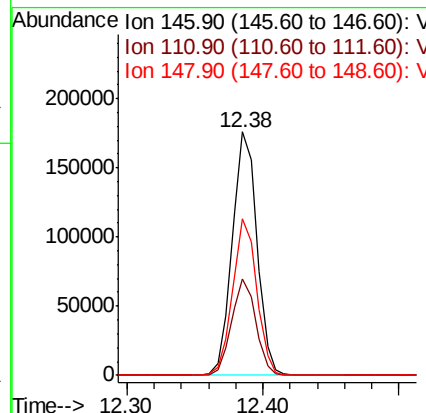
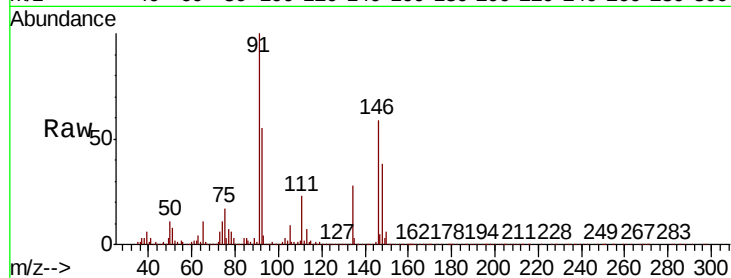
ClientSampleId :

VX0110WBSD01

Tot Ion:	146	Resp:	220893
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.8	59.4
148	63.1	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.849 ug/l

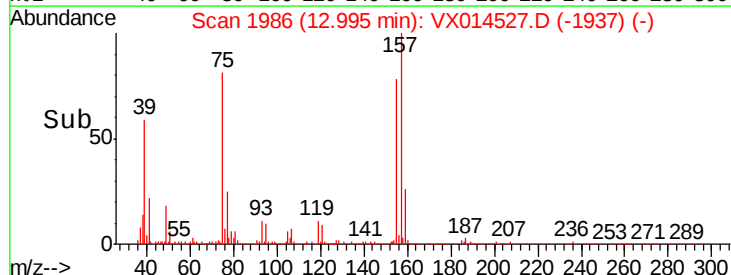
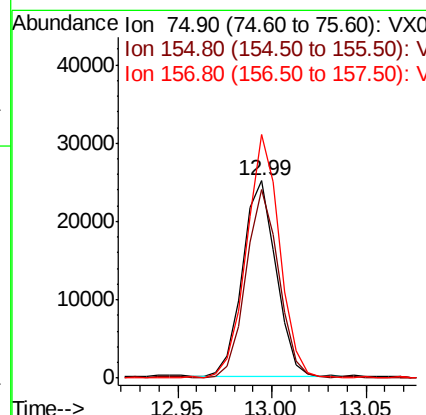
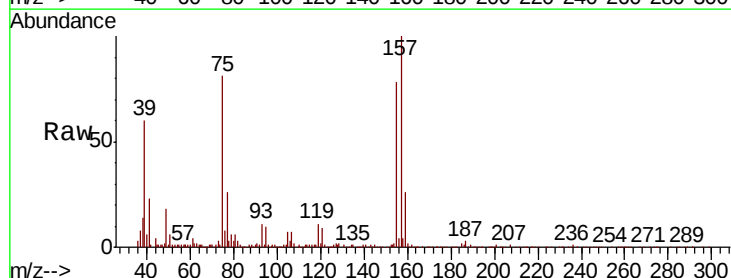
RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:	75	Resp:	31265
Ion Ratio	Lower	Upper	
75	100		
155	92.4	48.7	146.1
157	122.3	62.0	185.9





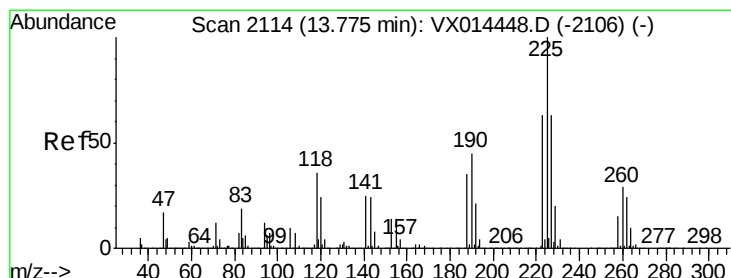
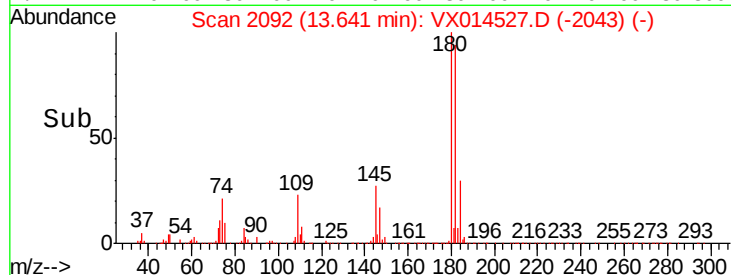
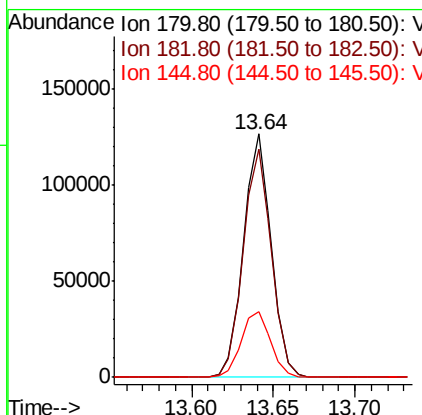
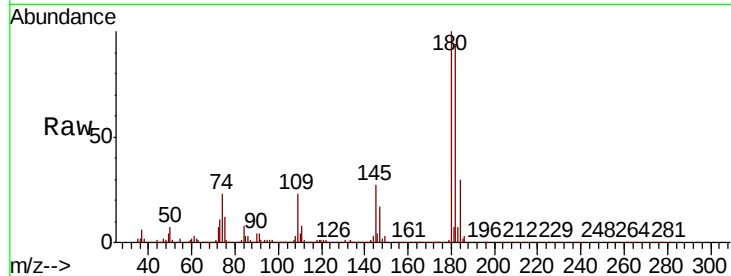
#93
 1,2,4-Trichlorobenzene
 Concen: 18.898 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.5
145	28.8	13.9	41.6

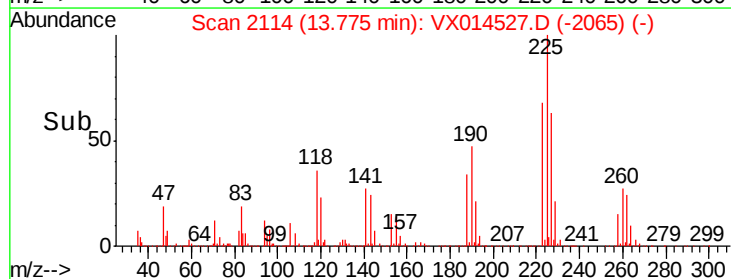
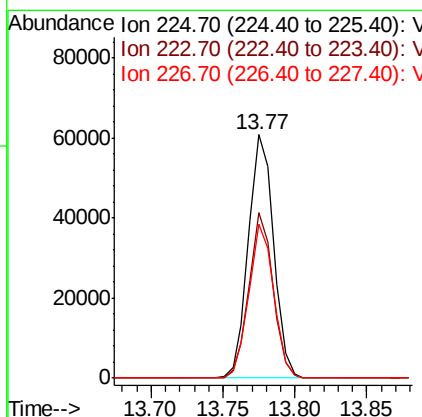
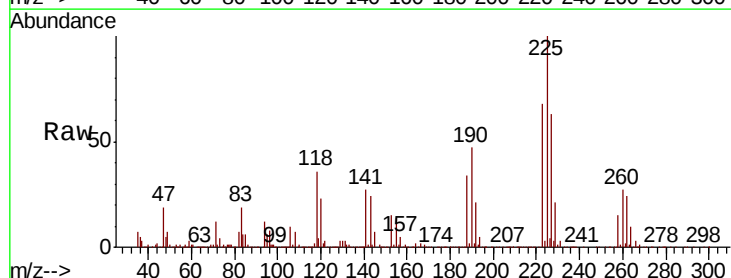
Manual Integrations
 APPROVED

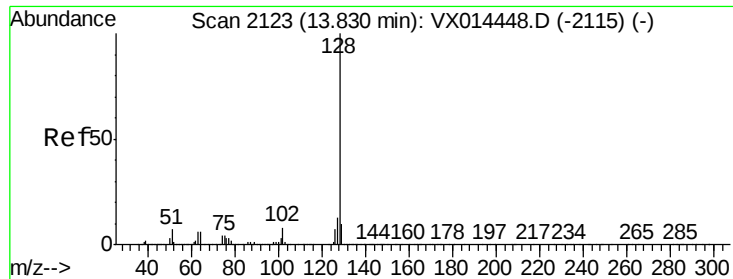
MMDadoda
 1/13/2020 11:34:41 AM



#94
 Hexachlorobutadiene
 Concen: 19.963 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.1	93.2
227	62.2	31.4	94.2





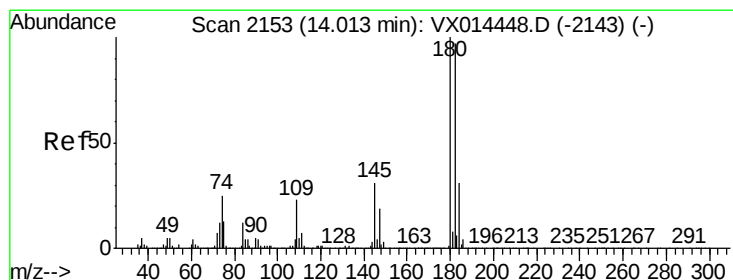
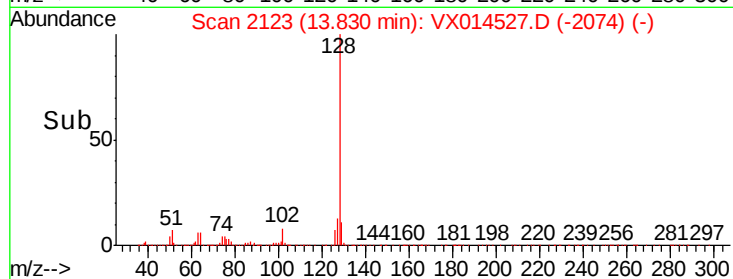
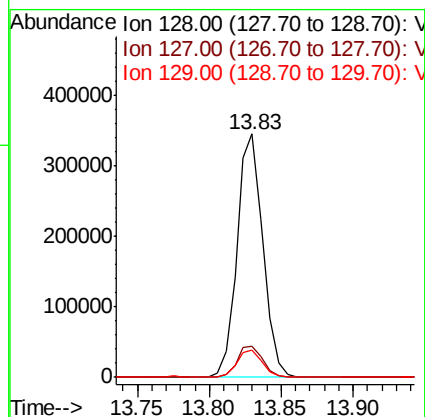
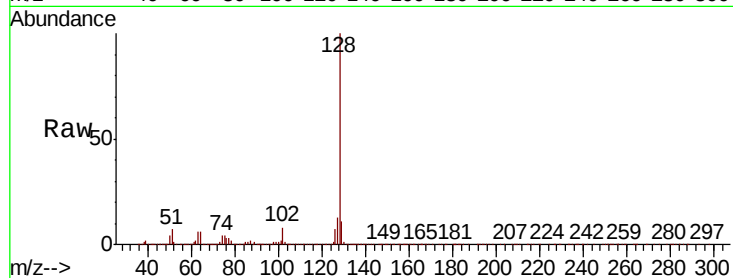
#95
Naphthalene
Concen: 17.714 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.671 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.9	143.6
145	30.4	14.8	44.3

