

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015608.D
 Acq On : 09 Apr 2020 19:46
 Operator : JC/SP
 Sample : L2178-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Manual Integrations
 APPROVED

sam
 4/10/2020 2:13:01 PM

Quant Time: Apr 10 09:16:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1196413	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	1830108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1704450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	907727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	793863	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.47	113	569903	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.70	98	2129138	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.12	95	869551	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	443836	42.107	ug/l	98
3) Chloromethane	1.31	50	566790	42.224	ug/l	99
4) Vinyl Chloride	1.39	62	554581	44.994	ug/l	99
5) Bromomethane	1.63	94	337211	61.155	ug/l	98
6) Chloroethane	1.72	64	356721	46.664	ug/l	99
7) Trichlorofluoromethane	1.92	101	772218	46.717	ug/l	98
8) Diethyl Ether	2.17	74	332975	47.758	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	480785	44.617	ug/l	99
10) Methyl Iodide	2.50	142	762490	52.483	ug/l	100
11) Tert butyl alcohol	3.01	59	749720	185.624	ug/l	99
12) 1,1-Dichloroethene	2.36	96	504649	44.677	ug/l	92
13) Acrolein	2.28	56	281117	122.185	ug/l	99
14) Allyl chloride	2.71	41	1142304	43.281	ug/l	98
15) Acrylonitrile	3.12	53	1750537	227.269	ug/l	99
16) Acetone	2.42	43	1604136	221.275	ug/l	99
17) Carbon Disulfide	2.55	76	1401143	40.663	ug/l	100
18) Methyl Acetate	2.75	43	834561	45.105	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2006902	45.811	ug/l	100
20) Methylene Chloride	2.84	84	602028	44.460	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	558325	44.539	ug/l	98
22) Diisopropyl ether	3.83	45	2133815	45.626	ug/l	89
23) Vinyl Acetate	3.79	43	9233385	218.059	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1085806	44.096	ug/l	99
25) 2-Butanone	4.64	43	2538314	217.718	ug/l	99
26) 2,2-Dichloropropane	4.56	77	853620	42.234	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	674970	46.539	ug/l	99
28) Bromochloromethane	4.98	49	572254	48.675	ug/l	96
29) Tetrahydrofuran	5.09	42	1643698	219.303	ug/l	99
30) Chloroform	5.18	83	1099123	46.395	ug/l	97
31) Cyclohexane	5.56	56	923411	43.229	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	975115	45.482	ug/l	99
36) 1,1-Dichloropropene	5.78	75	793519	47.058	ug/l	99
37) Ethyl Acetate	4.80	43	975465	44.428	ug/l	99
38) Carbon Tetrachloride	5.76	117	856179	46.879	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015608.D
 Acq On : 09 Apr 2020 19:46
 Operator : JC/SP
 Sample : L2178-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Manual Integrations
 APPROVED

sam
 4/10/2020 2:13:01 PM

Quant Time: Apr 10 09:16:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	869281	44.711	ug/l	98
40) Benzene	6.12	78	2359361	47.766	ug/l	98
41) Methacrylonitrile	5.01	41	582527	47.794	ug/l	99
42) 1,2-Dichloroethane	6.17	62	969201	48.849	ug/l	100
43) Isopropyl Acetate	6.42	43	1710517	46.150	ug/l	99
44) Trichloroethene	7.19	130	659177	48.932	ug/l	98
45) 1,2-Dichloropropane	7.50	63	638864	47.280	ug/l	100
46) Dibromomethane	7.64	93	424262	47.864	ug/l	97
47) Bromodichloromethane	7.88	83	912030	48.288	ug/l	97
48) Methyl methacrylate	7.75	41	859144	46.407	ug/l	98
49) 1,4-Dioxane	7.72	88	270344	782.785	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4980230	237.097	ug/l	100
52) Toluene	8.77	92	1480345	48.611	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1020781	46.083	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1077449	47.750	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	608703	48.787	ug/l	97
56) Ethyl methacrylate	9.16	69	1045956	47.568	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1064427	47.352	ug/l	100
59) 2-Hexanone	9.48	43	3775228	238.060	ug/l	99
60) Dibromochloromethane	9.57	129	724054	48.294	ug/l	100
61) 1,2-Dibromoethane	9.65	107	663661	48.919	ug/l	99
64) Tetrachloroethene	9.32	164	592268	46.044	ug/l	89
65) Chlorobenzene	10.12	112	1610525	47.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	645813	47.556	ug/l	99
67) Ethyl Benzene	10.24	91	2891381	47.960	ug/l	99
68) m/p-Xylenes	10.34	106	2150357	95.788	ug/l	98
69) o-Xylene	10.68	106	1051605	47.405	ug/l	99
70) Styrene	10.70	104	1863492	47.738	ug/l	99
71) Bromoform	10.84	173	569489	46.066	ug/l #	99
73) Isopropylbenzene	11.01	105	2790616	46.920	ug/l	99
74) N-amyl acetate	10.89	43	1464495	44.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	947203	46.412	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	854751m	45.790	ug/l	
77) Bromobenzene	11.24	156	765296	48.239	ug/l	96
78) n-propylbenzene	11.35	91	3191135	46.922	ug/l	100
79) 2-Chlorotoluene	11.41	91	1927292	46.235	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	2383361	46.922	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	344181	44.242	ug/l	99
82) 4-Chlorotoluene	11.50	91	2276675	46.589	ug/l	99
83) tert-Butylbenzene	11.76	119	2370660	47.781	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2425825	46.865	ug/l	99
85) sec-Butylbenzene	11.93	105	2704732	47.136	ug/l	99
86) p-Isopropyltoluene	12.05	119	2571751	48.277	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1372206	48.316	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1380983	47.737	ug/l	98
89) n-Butylbenzene	12.37	91	2280597	47.375	ug/l	100
90) Hexachloroethane	12.58	117	433723	41.831	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	1314183	47.283	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	234929	40.785	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	1051301	47.819	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
Data File : VX015608.D
Acq On : 09 Apr 2020 19:46
Operator : JC/SP
Sample : L2178-04MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

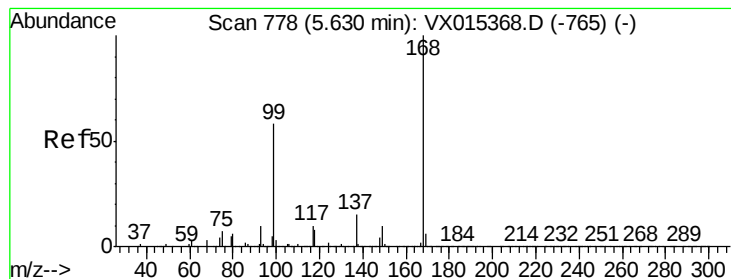
Manual Integrations
APPROVED

sam
4/10/2020 2:13:01 PM

Quant Time: Apr 10 09:16:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	436670	41.718	ug/l	95
95) Naphthalene	13.82	128	3152249	47.006	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1047632	49.494	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. 0.01 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion:168 Resp: 1196413

Ion Ratio Lower Upper

168 100

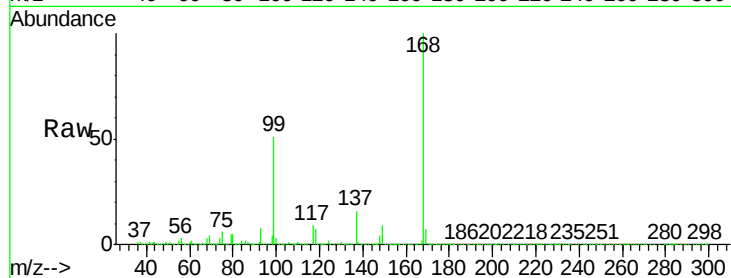
99 50.6 46.4 69.6

Manual Integrations

APPROVED

sam

4/10/2020 2:13:01 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

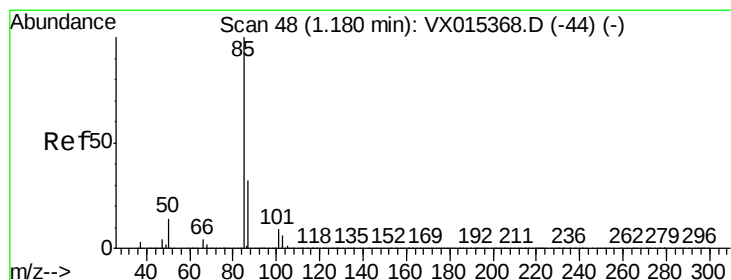
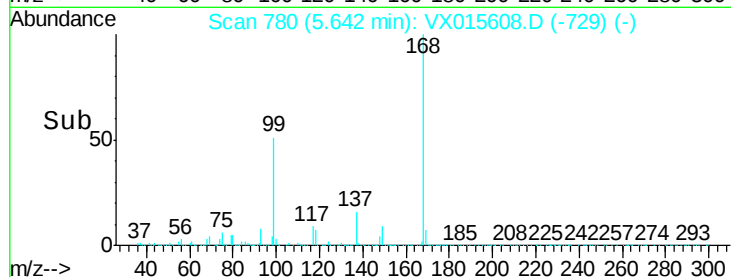
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.107 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015608.D

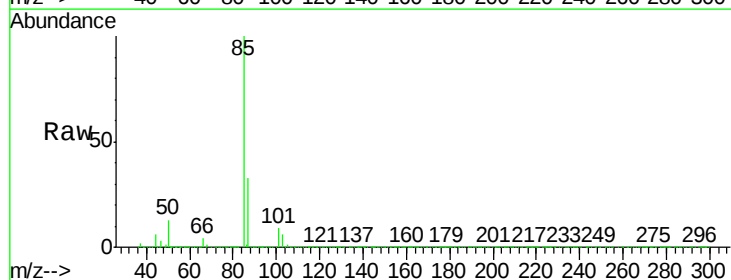
Acq: 09 Apr 2020 19:46

Tgt Ion: 85 Resp: 443836

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

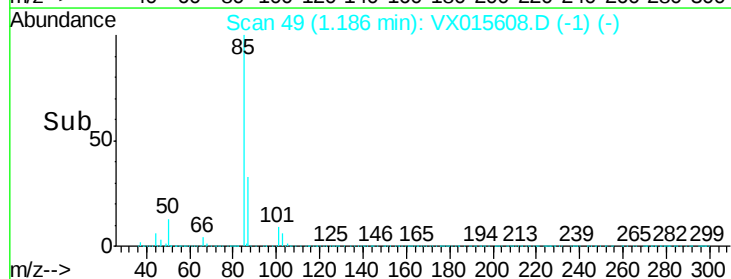
300000

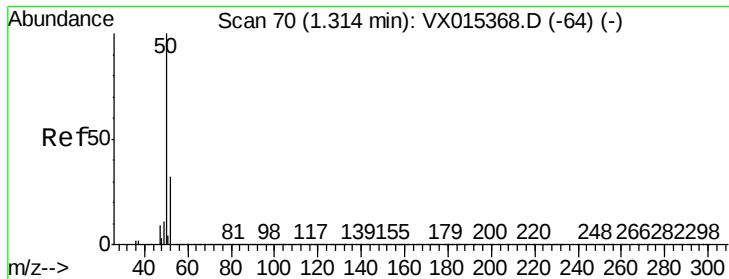
200000

100000

0

Time-->





#3

Chloromethane

Concen: 42.224 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion: 50 Resp: 566790

Ion Ratio Lower Upper

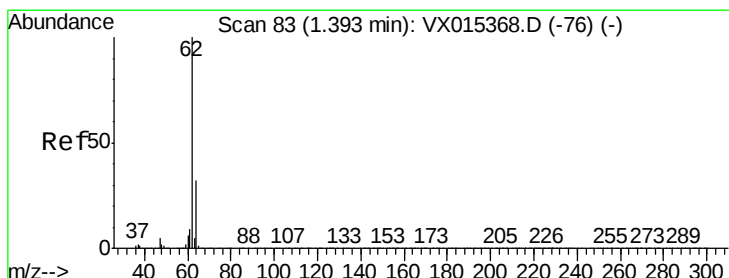
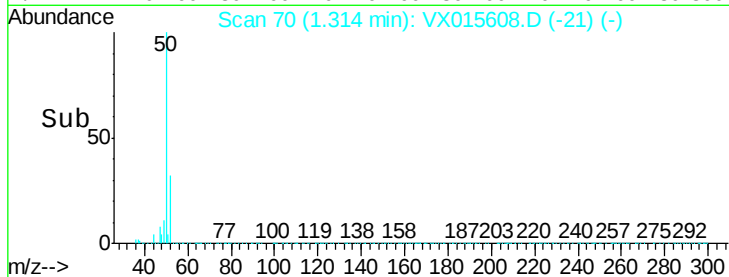
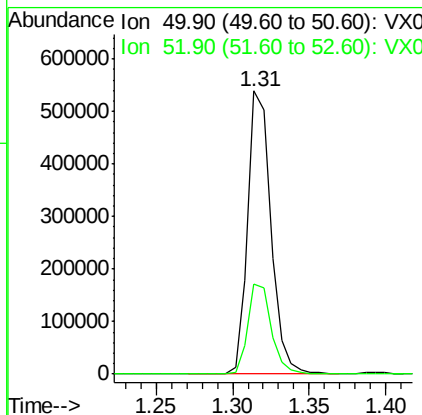
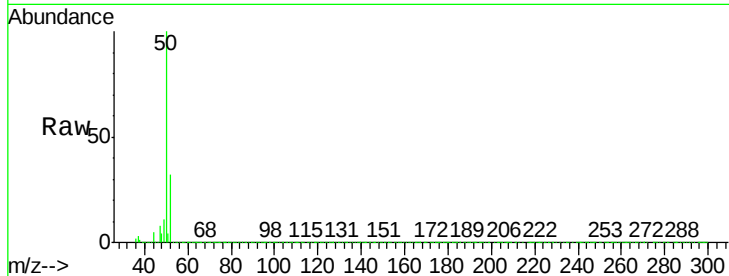
50 100

52 32.0 25.3 37.9

Manual Integrations
APPROVED

sam

4/10/2020 2:13:01 PM



#4

Vinyl Chloride

Concen: 44.994 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015608.D

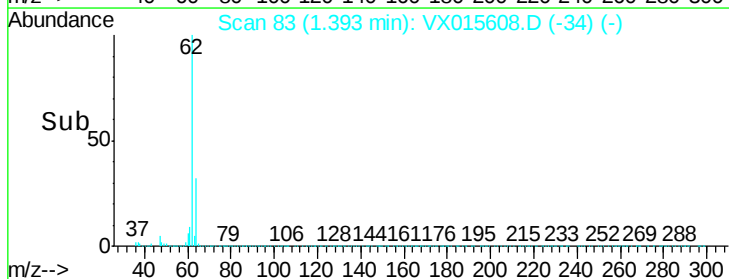
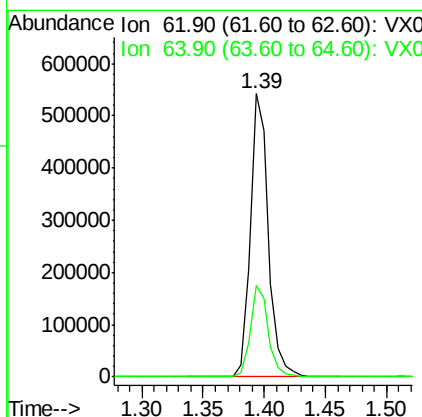
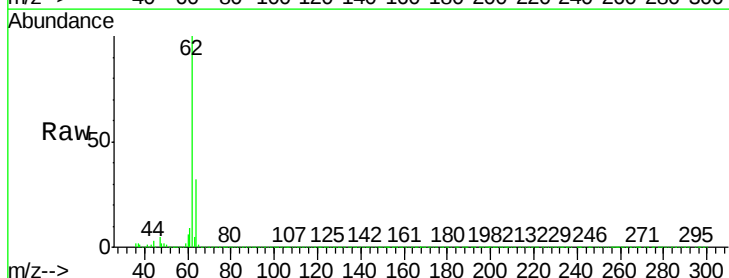
Acq: 09 Apr 2020 19:46

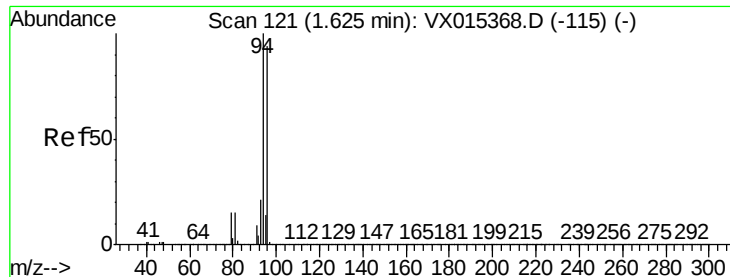
Tgt Ion: 62 Resp: 554581

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 61.155 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tot Ion: 94 Resp: 337211

Ion Ratio Lower Upper

94 100

96 95.5 74.8 112.2

Instrument :

MSVOA_X

ClientSampleId :

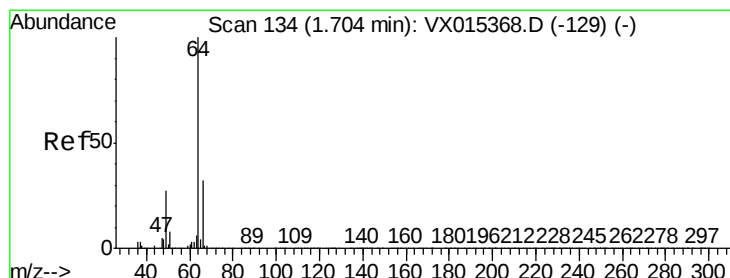
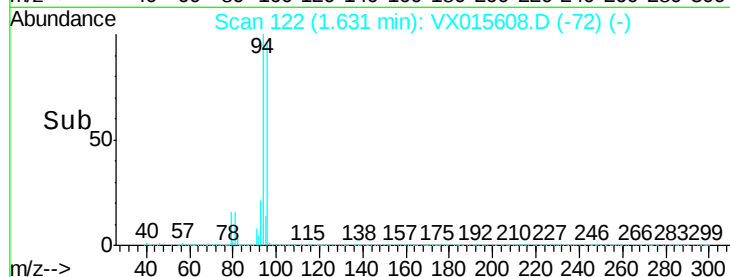
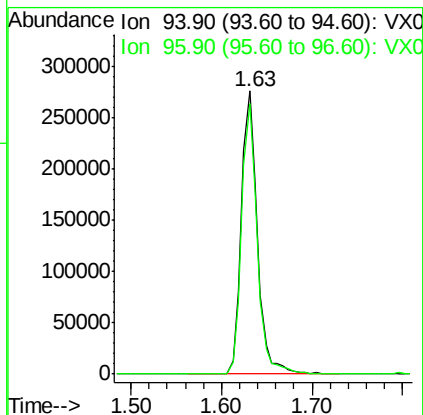
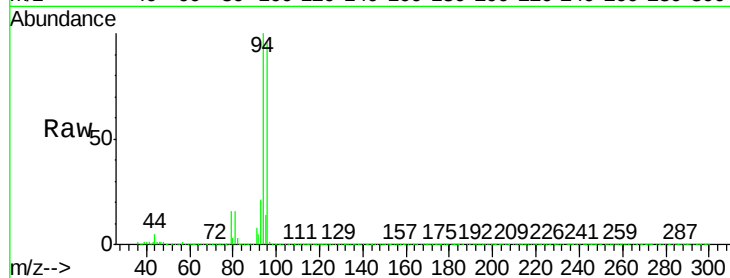
MW-1DMSD

Manual Integrations

APPROVED

sam

4/10/2020 2:13:01 PM



#6

Chloroethane

Concen: 46.664 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015608.D

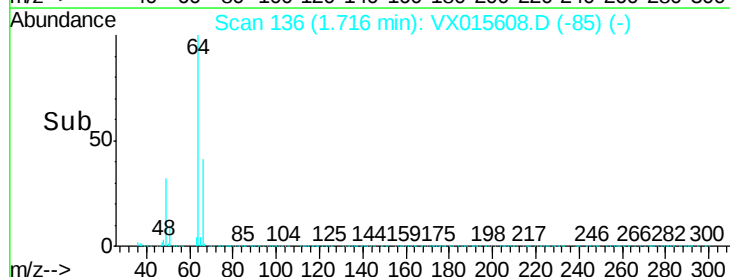
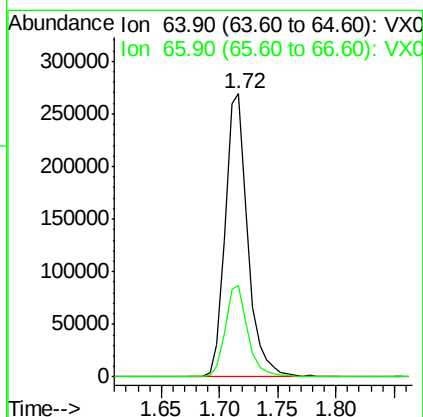
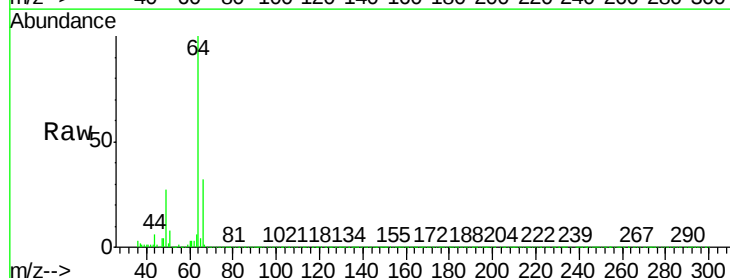
Acq: 09 Apr 2020 19:46

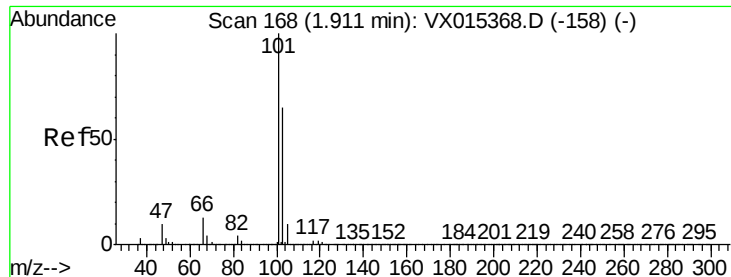
Tgt Ion: 64 Resp: 356721

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.2





#7

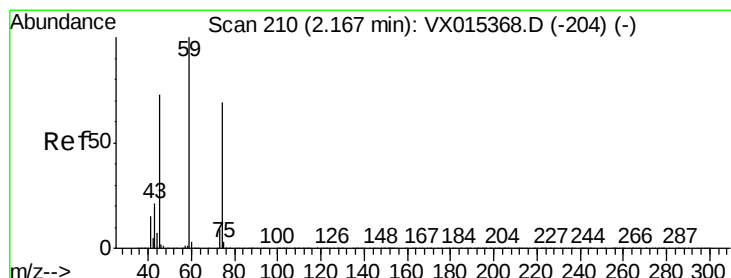
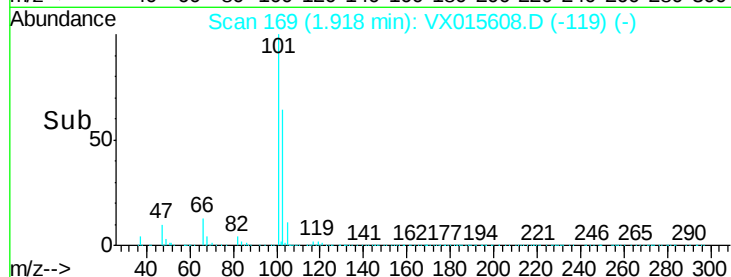
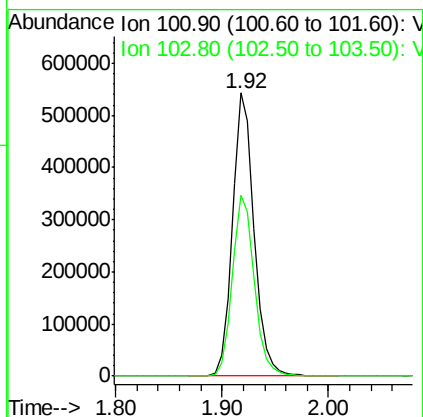
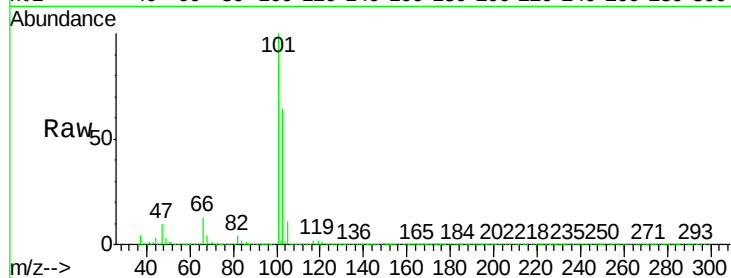
Trichlorofluoromethane
Concen: 46.717 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.3	78.5

Manual Integrations
APPROVED

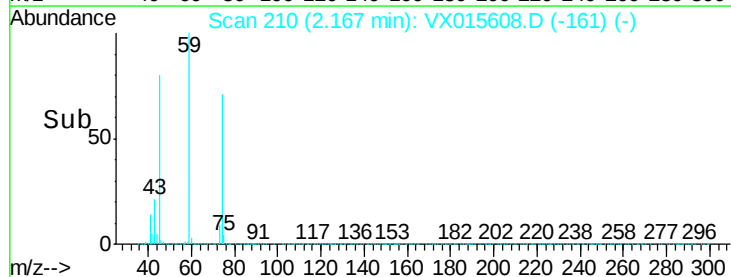
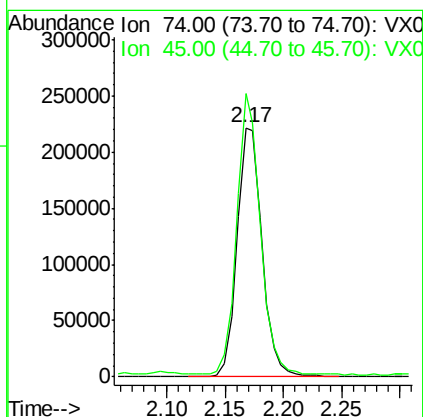
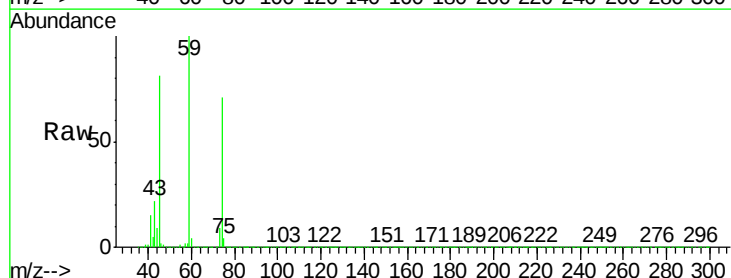
sam
4/10/2020 2:13:01 PM

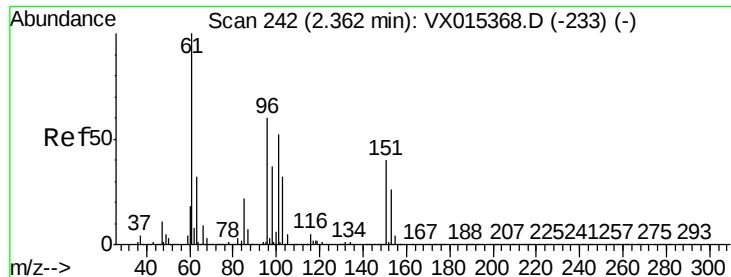


#8

Diethyl Ether
Concen: 47.758 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.1	53.8	161.4





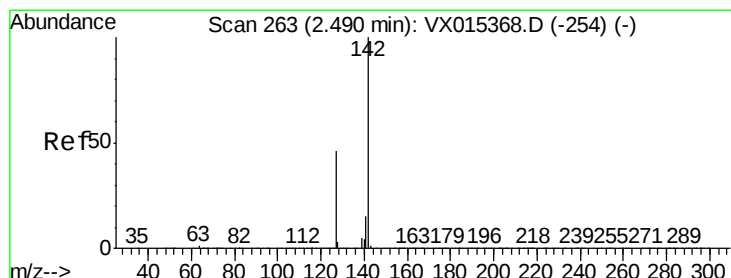
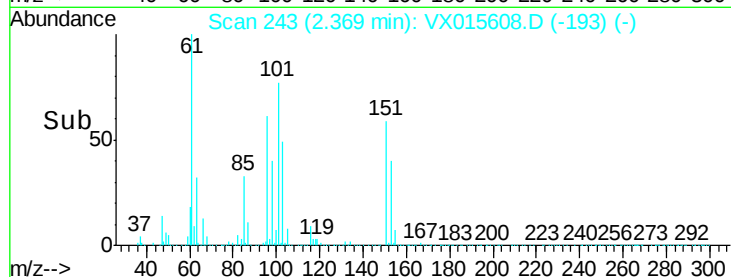
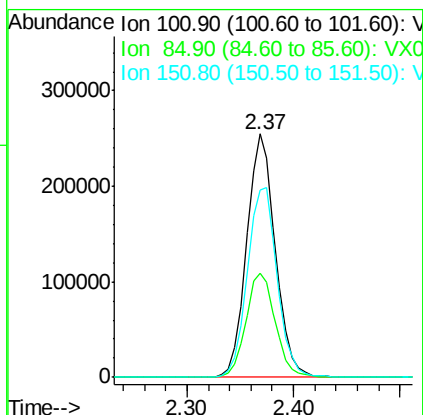
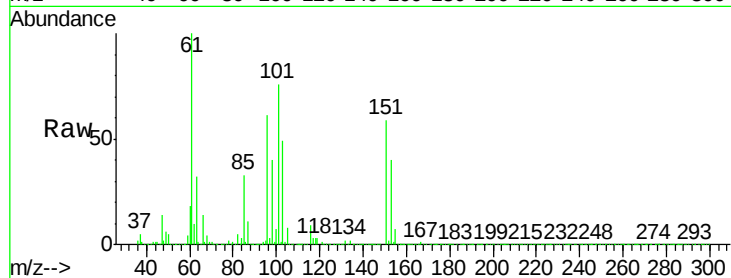
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.617 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	480785		
85	43.4	35.0	52.4	
151	81.2	64.1	96.1	

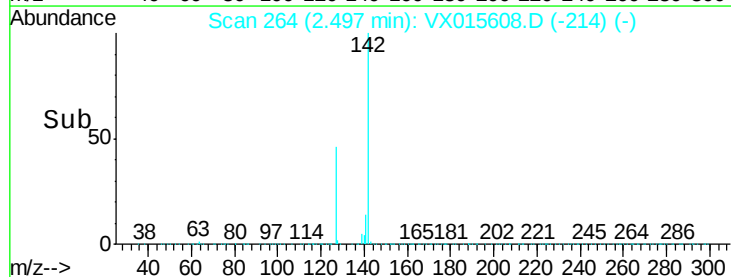
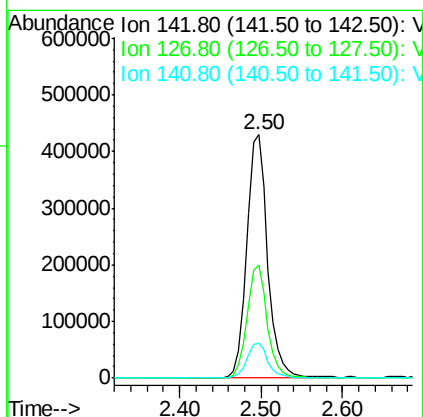
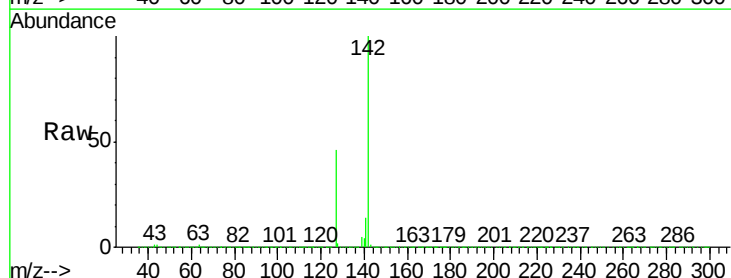
Manual Integrations
APPROVED

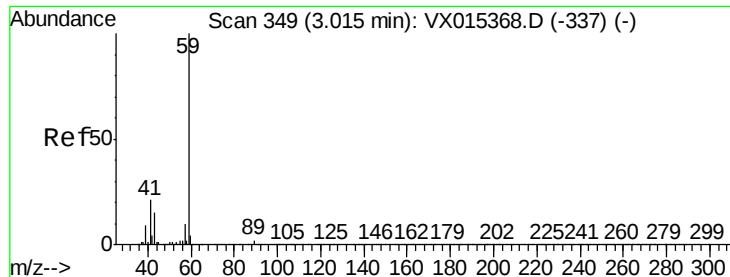
sam
4/10/2020 2:13:01 PM



#10
Methyl Iodide
Concen: 52.483 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	762490		
127	45.2	35.9	53.9	
141	14.2	11.6	17.4	





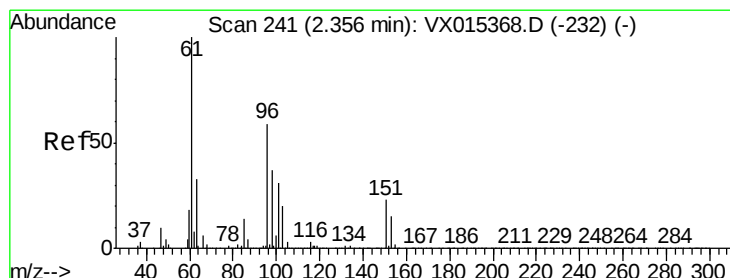
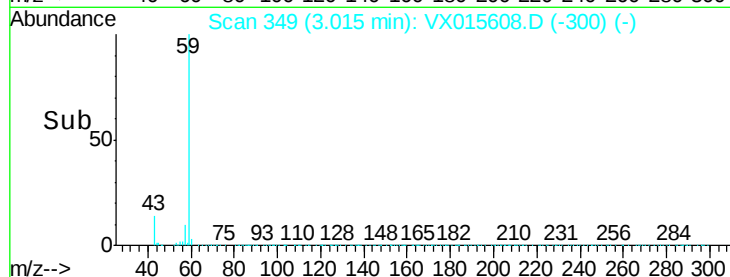
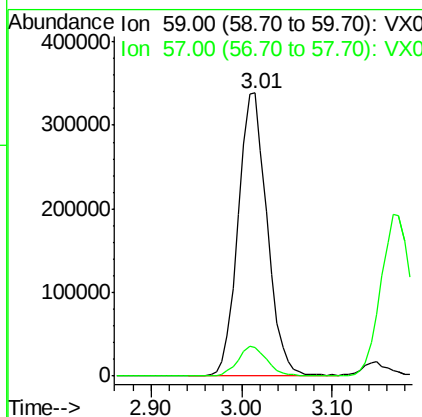
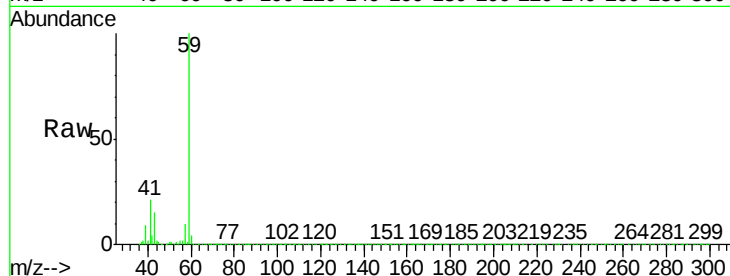
#11
Tert butyl alcohol
Concen: 185.624 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

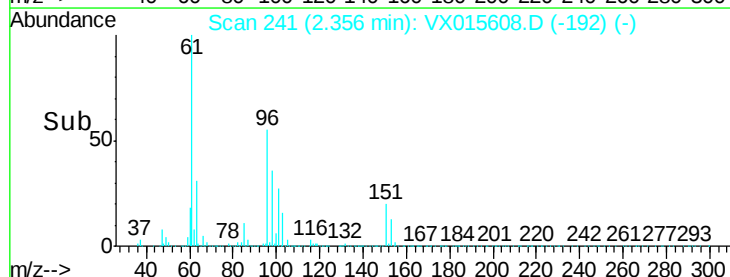
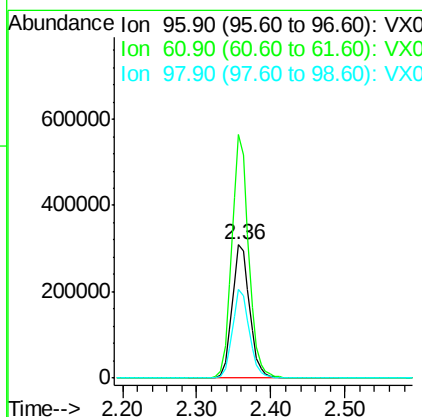
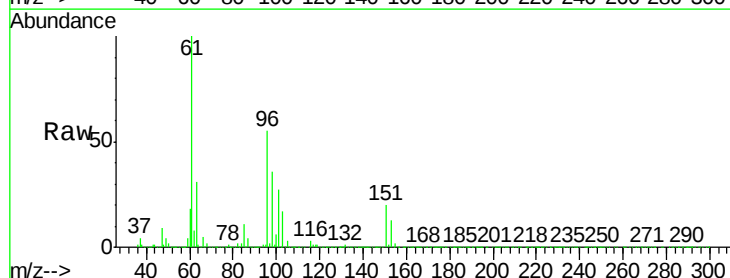
Manual Integrations
APPROVED

sam
4/10/2020 2:13:01 PM



#12
1,1-Dichloroethene
Concen: 44.677 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.9	135.7	203.5
98	66.4	50.6	75.8





#13

Acrolein

Concen: 122.185 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

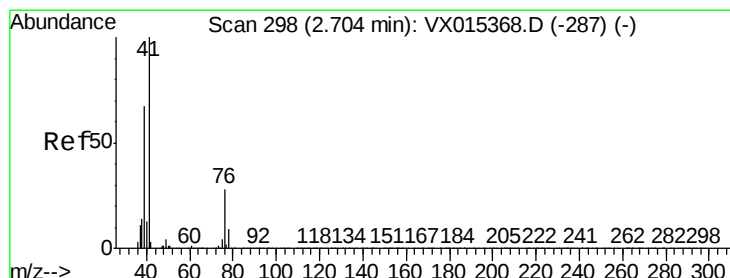
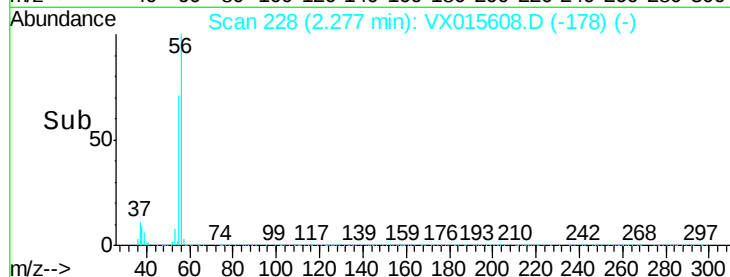
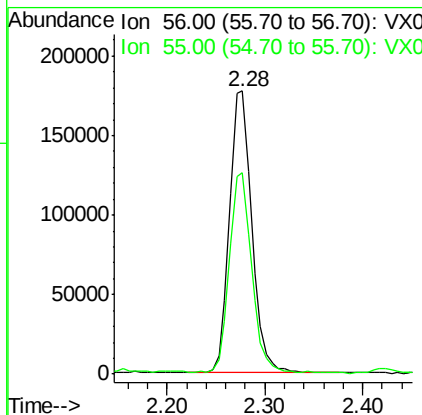
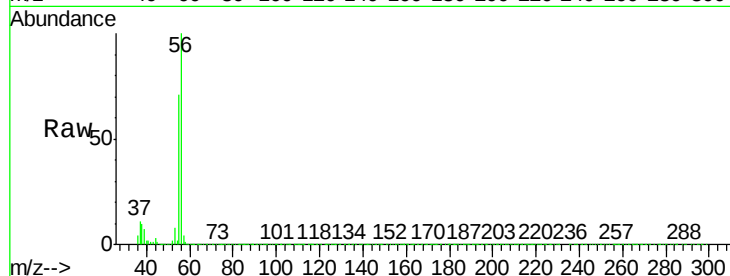
ClientSampleId :

MW-1DMSD

Tot Ion:	56	Resp:	281117
Ion Ratio		Lower	Upper
56	100		
55	70.6	57.0	85.4

Manual Integrations
APPROVED

Sam
4/10/2020 2:13:01 PM



#14

Allyl chloride

Concen: 43.281 ug/l

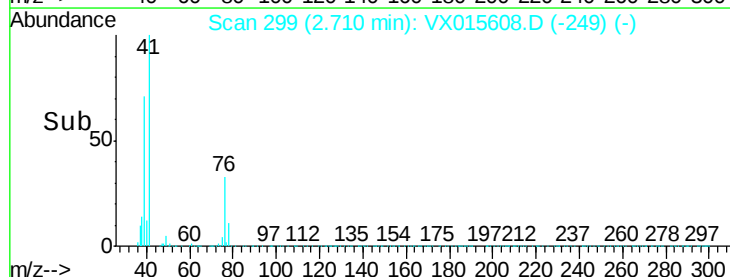
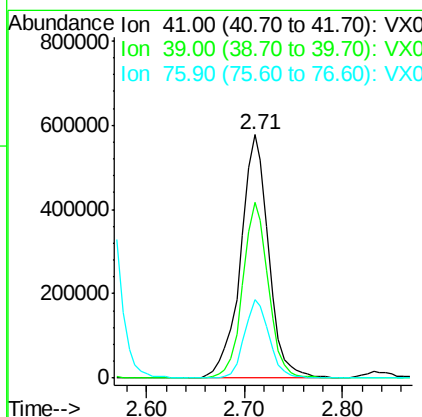
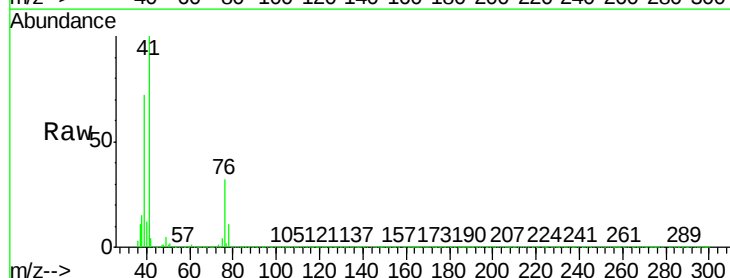
RT: 2.71 min Scan# 299

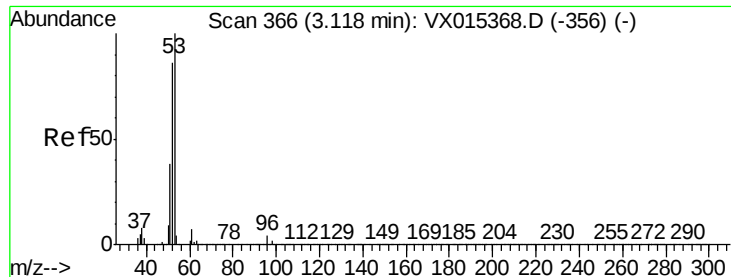
Delta R.T. 0.01 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tgt Ion:	41	Resp:	1142304
Ion Ratio		Lower	Upper
41	100		
39	66.0	51.4	77.0
76	28.1	21.8	32.8





#15

Acrylonitrile

Concen: 227.269 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion: 53 Resp: 1750537

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

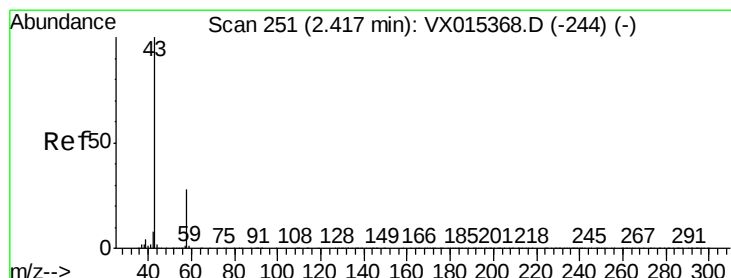
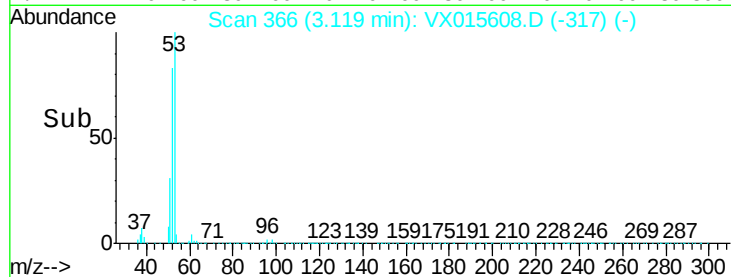
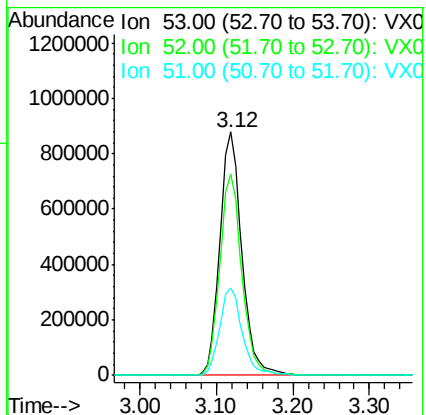
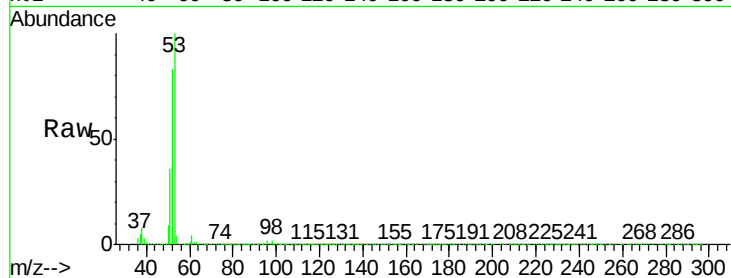
51 36.8 29.5 44.3

Manual Integrations

APPROVED

sam

4/10/2020 2:13:01 PM



#16

Acetone

Concen: 221.275 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015608.D

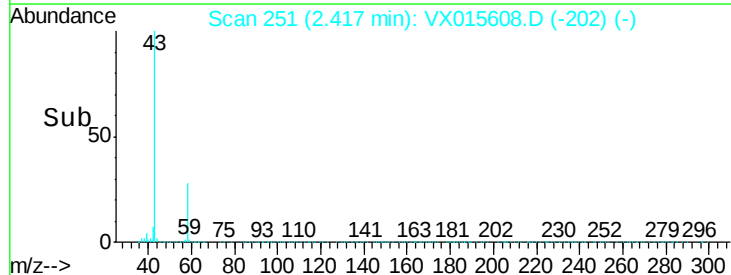
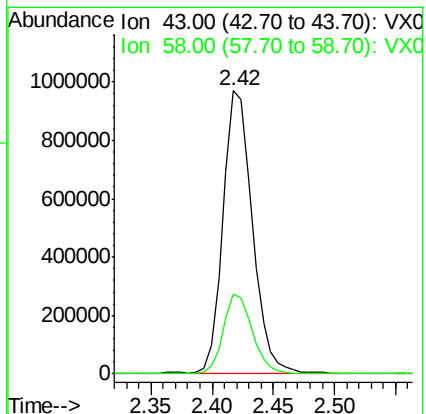
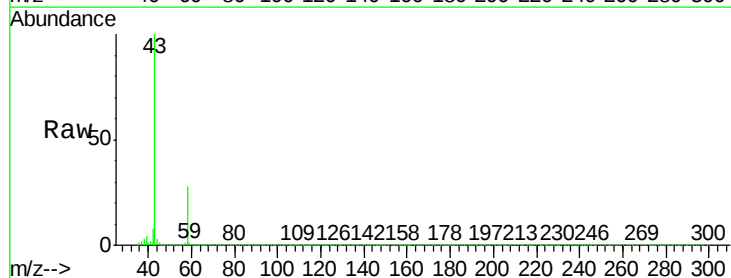
Acq: 09 Apr 2020 19:46

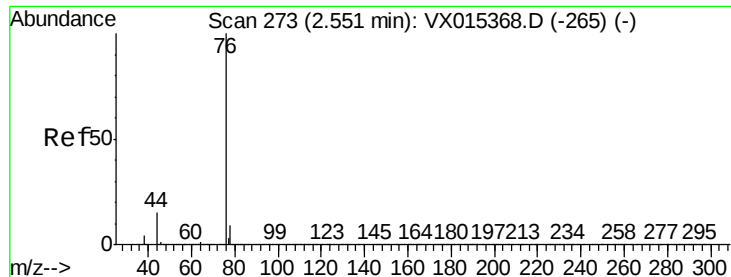
Tgt Ion: 43 Resp: 1604136

Ion Ratio Lower Upper

43 100

58 28.1 22.1 33.1





#17

Carbon Disulfide

Concen: 40.663 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tot Ion: 76 Resp: 1401143

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

Instrument :

MSVOA_X

ClientSampleId :

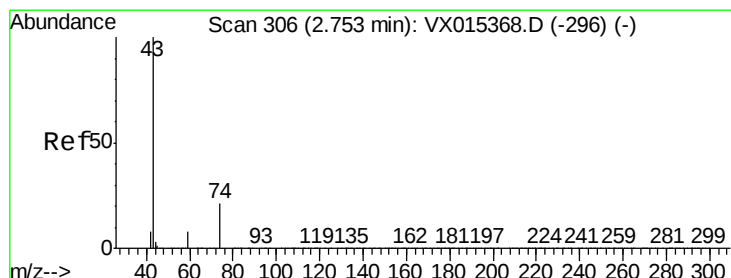
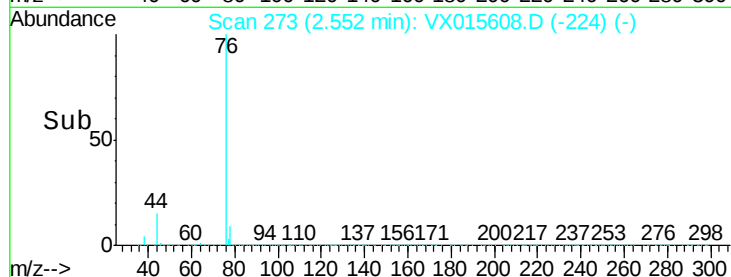
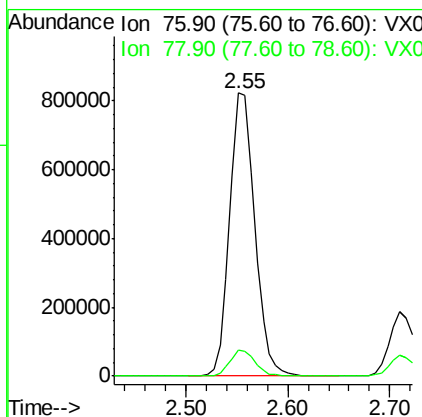
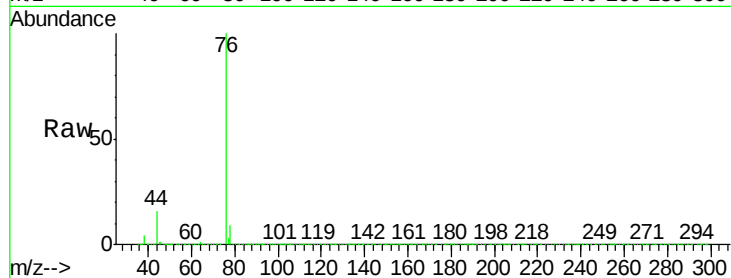
MW-1DMSD

Manual Integrations

APPROVED

sam

4/10/2020 2:13:01 PM



#18

Methyl Acetate

Concen: 45.105 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015608.D

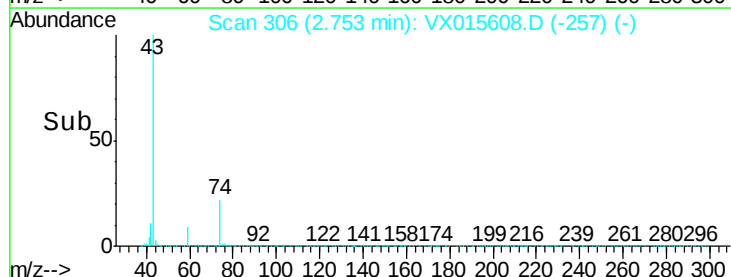
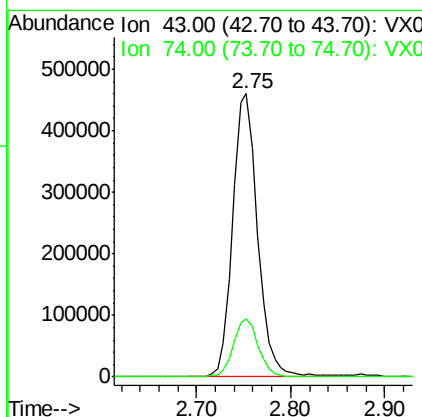
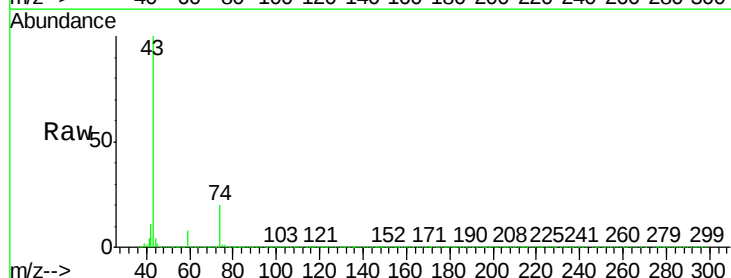
Acq: 09 Apr 2020 19:46

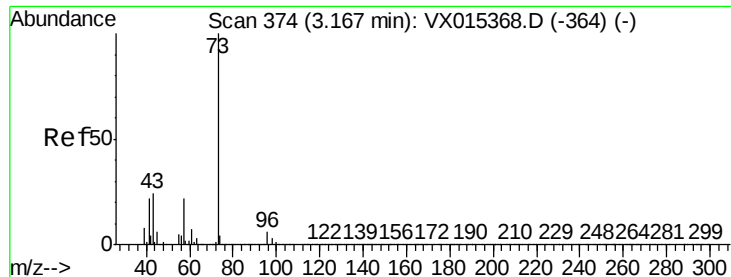
Tgt Ion: 43 Resp: 834561

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7





#19

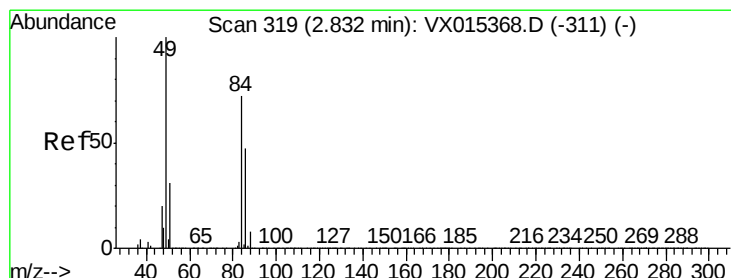
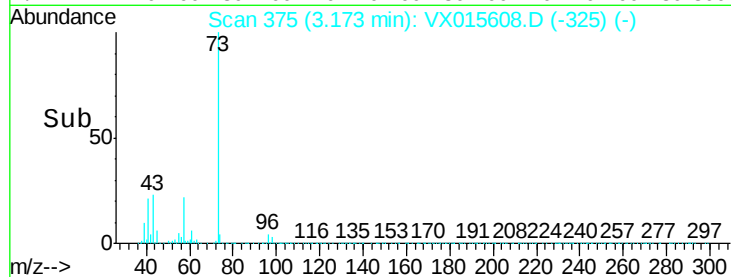
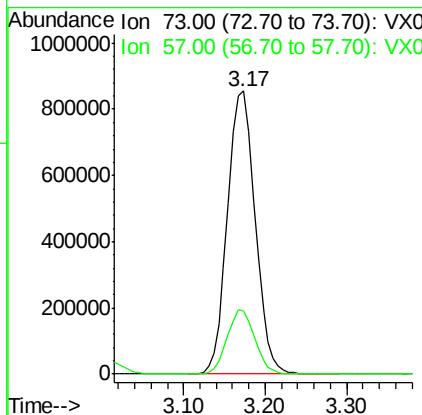
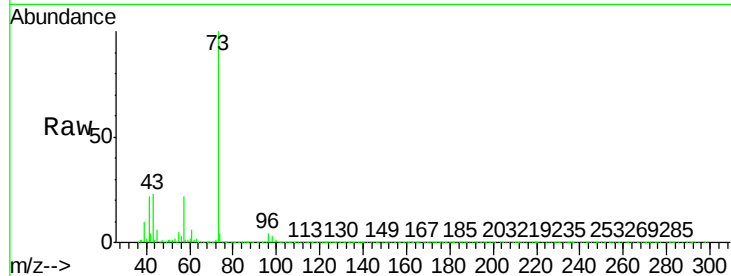
Methyl tert-butyl Ether
 Concen: 45.811 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleID :
 MW-1DMSD

Tot Ion: 73 Resp: 2006902
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.9 26.9

Manual Integrations
 APPROVED

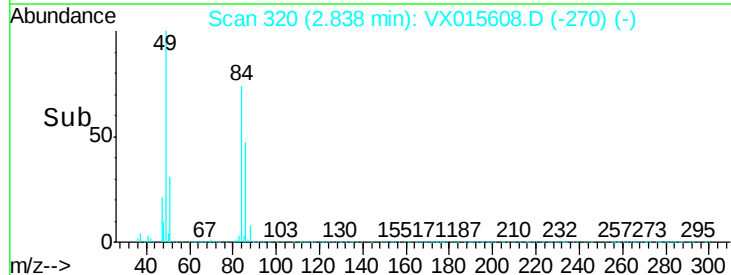
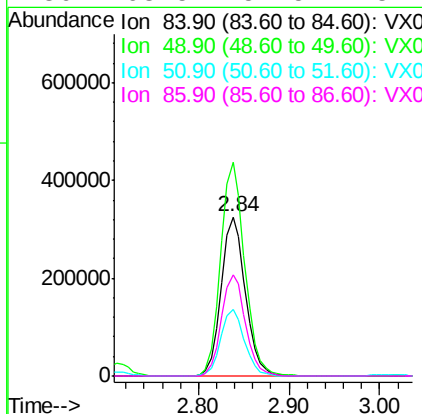
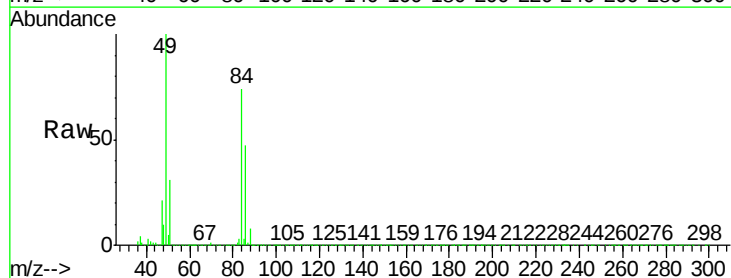
sam
 4/10/2020 2:13:01 PM



#20

Methylene Chloride
 Concen: 44.460 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion: 84 Resp: 602028
 Ion Ratio Lower Upper
 84 100
 49 134.3 111.3 166.9
 51 41.5 34.0 51.0
 86 63.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.539 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015608.D

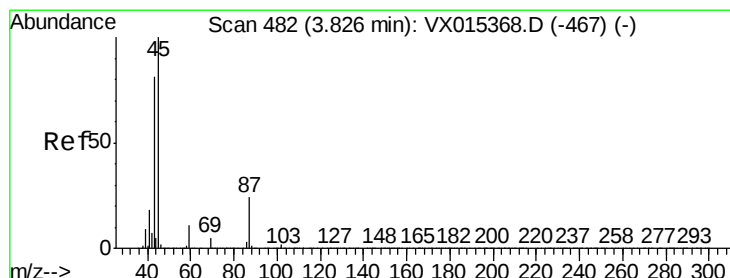
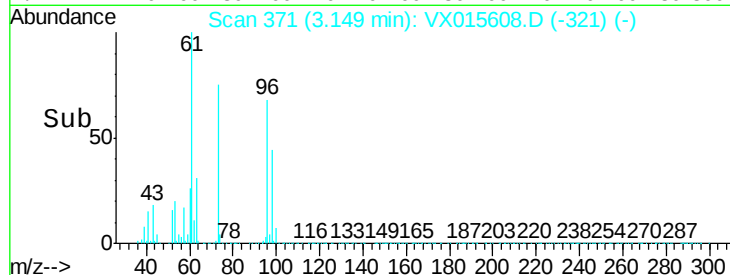
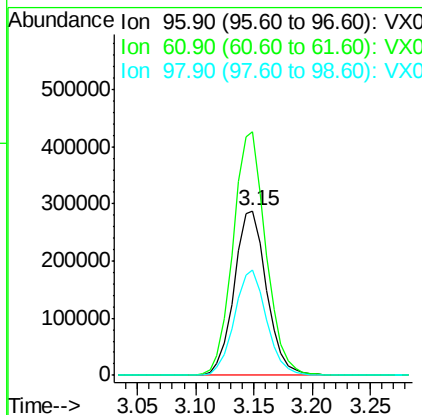
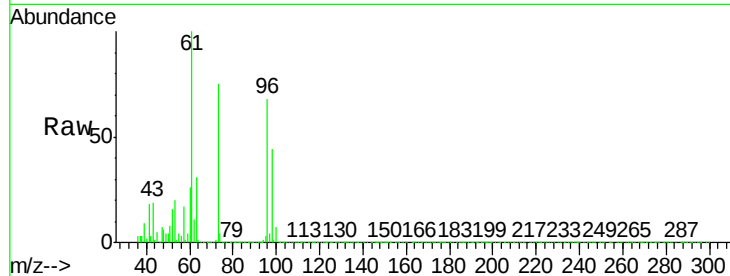
Acq: 09 Apr 2020 19:46

Tot Ion:	96	Resp:	558325
Ion	Ratio	Lower	Upper
96	100		
61	147.9	116.9	175.3
98	64.2	48.6	73.0

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Manual Integrations
APPROVED

sam
4/10/2020 2:13:01 PM



#22

Diisopropyl ether

Concen: 45.626 ug/l

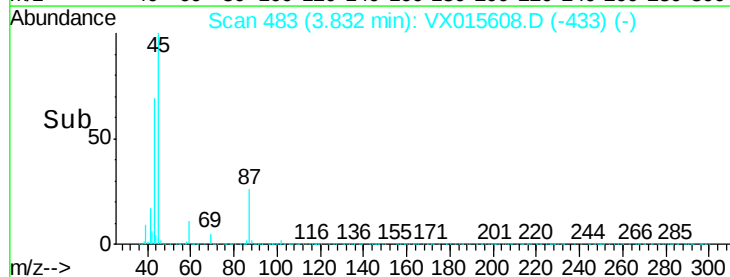
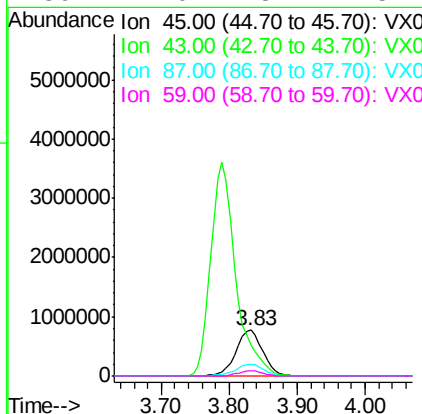
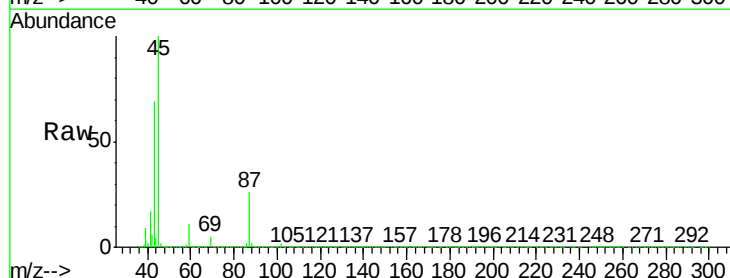
RT: 3.83 min Scan# 483

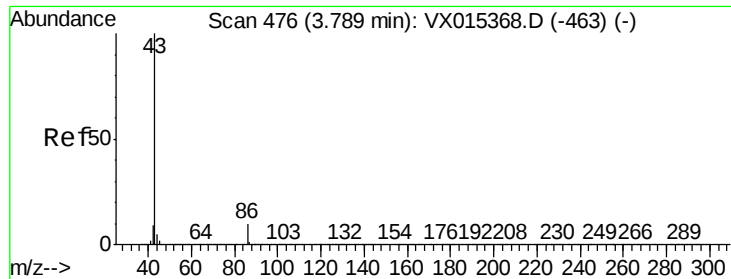
Delta R.T. 0.01 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tgt Ion:	45	Resp:	2133815
Ion	Ratio	Lower	Upper
45	100		
43	68.2	64.7	97.1
87	25.8	19.4	29.0
59	11.0	8.7	13.1





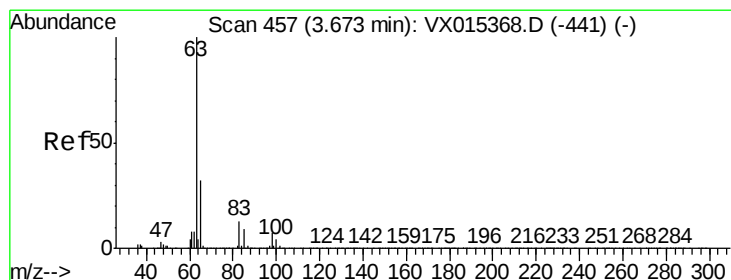
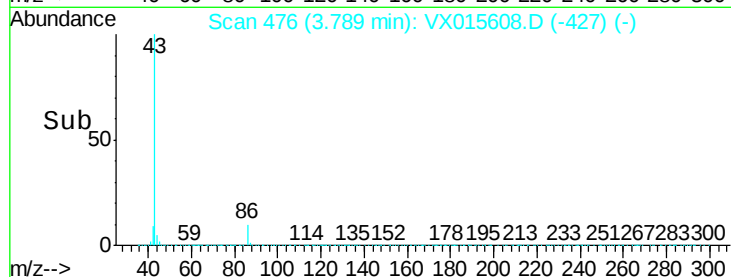
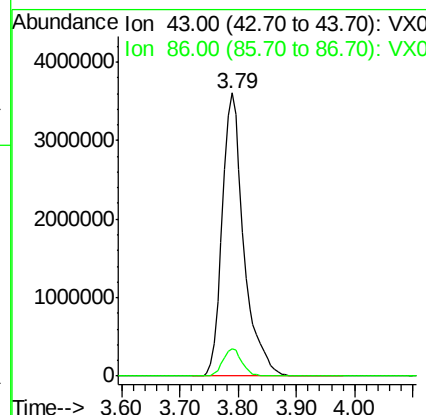
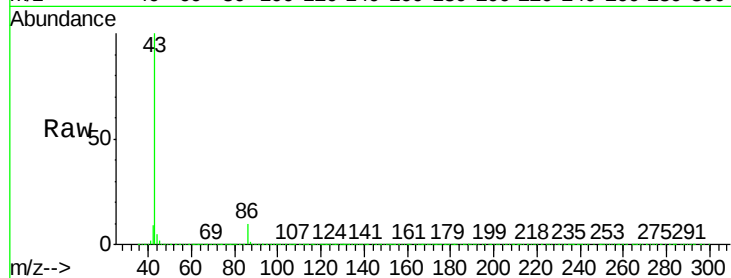
#23
 Vinyl Acetate
 Concen: 218.059 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion: 43 Resp: 9233385
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.6

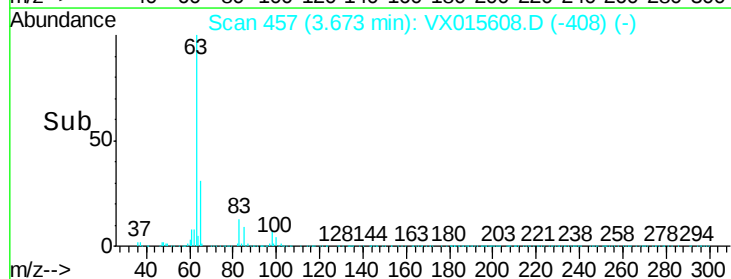
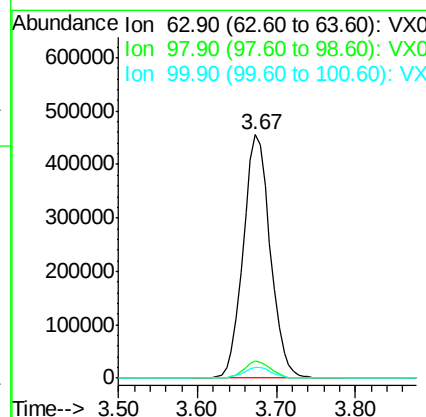
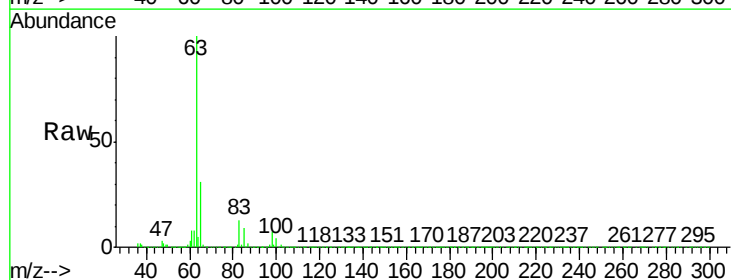
Manual Integrations
 APPROVED

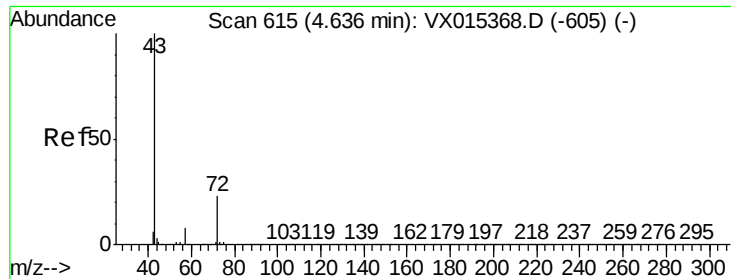
sam
 4/10/2020 2:13:01 PM



#24
 1,1-Dichloroethane
 Concen: 44.096 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion: 63 Resp: 1085806
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 217.718 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tot Ion: 43 Resp: 2538314

Ion Ratio Lower Upper

43 100

72 23.2 19.0 28.4

Instrument :

MSVOA_X

ClientSampled :

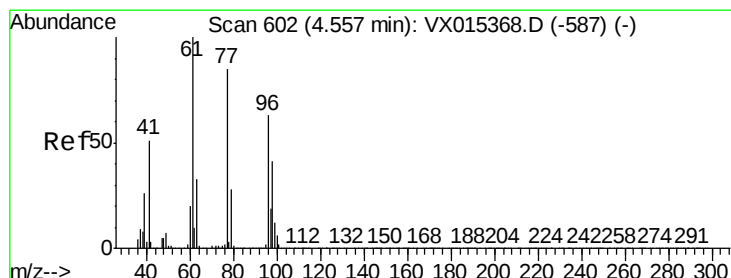
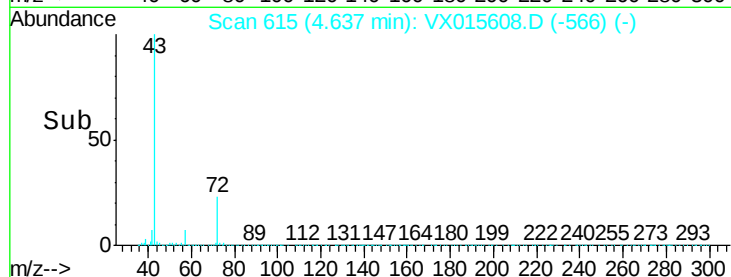
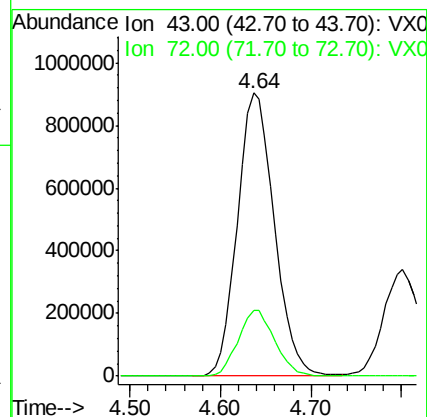
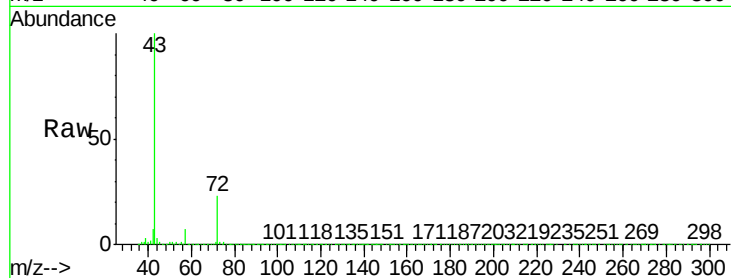
MW-1DMSD

Manual Integrations

APPROVED

sam

4/10/2020 2:13:01 PM



#26

2,2-Dichloropropane

Concen: 42.234 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015608.D

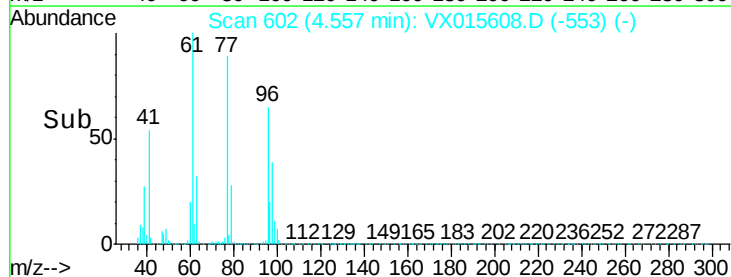
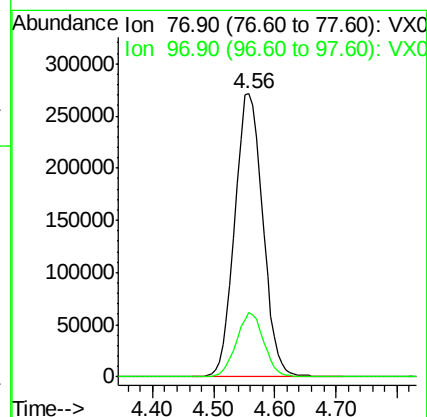
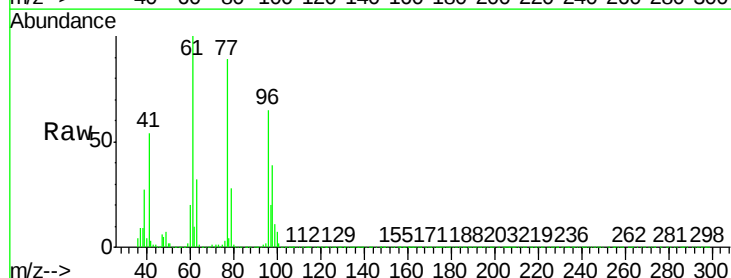
Acq: 09 Apr 2020 19:46

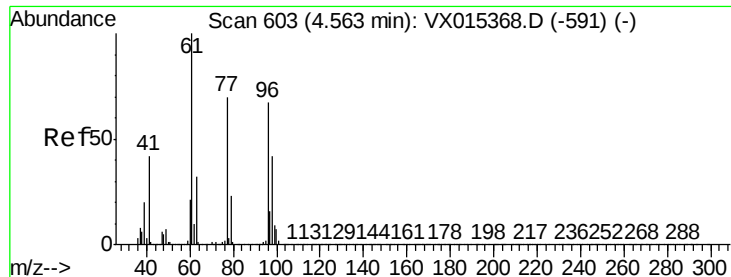
Tgt Ion: 77 Resp: 853620

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

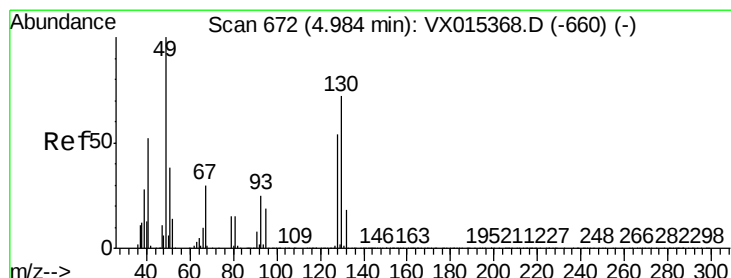
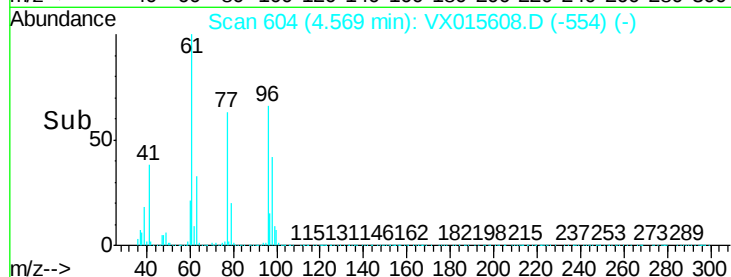
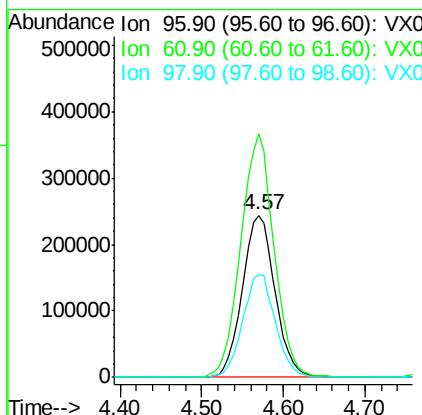
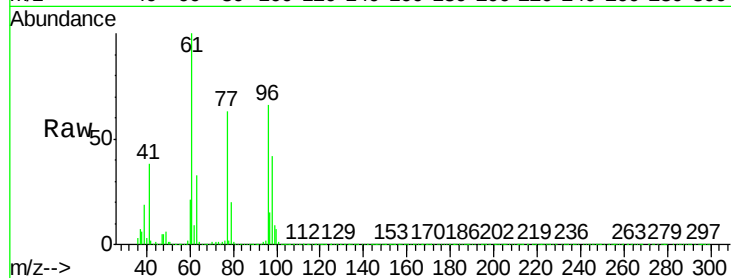
cis-1,2-Dichloroethene
Concen: 46.539 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampled :
MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	674970		
61	153.5	0.0	308.4	
98	63.7	0.0	129.2	

Manual Integrations
APPROVED

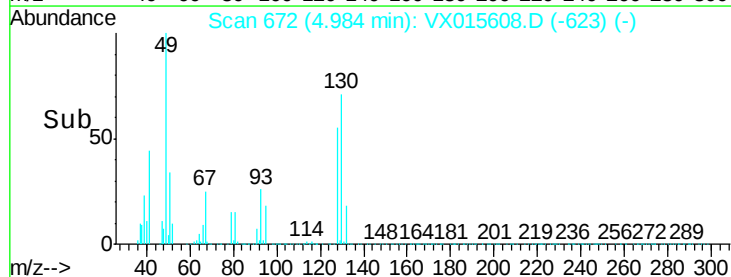
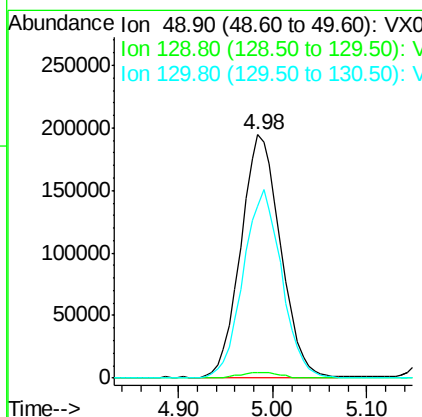
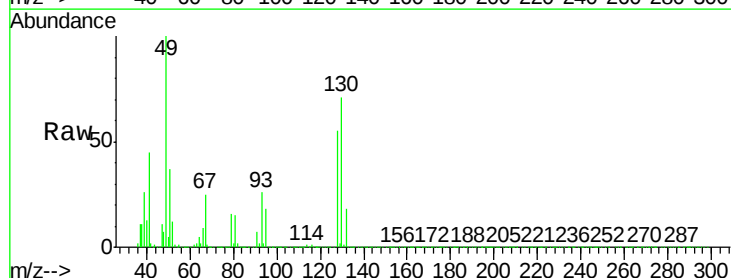
sam
4/10/2020 2:13:01 PM

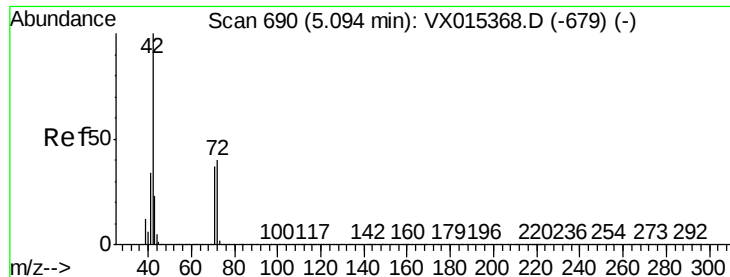


#28

Bromochloromethane
Concen: 48.675 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	572254		
129	2.4	0.0	4.4	
130	75.6	57.7	86.5	





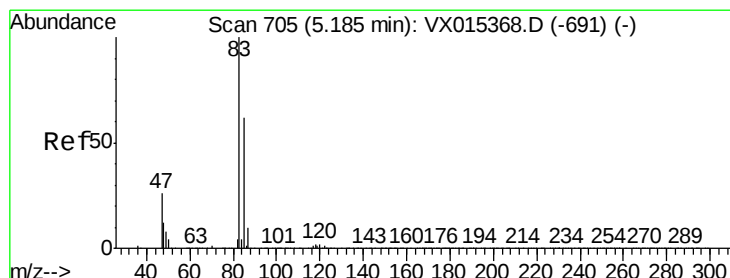
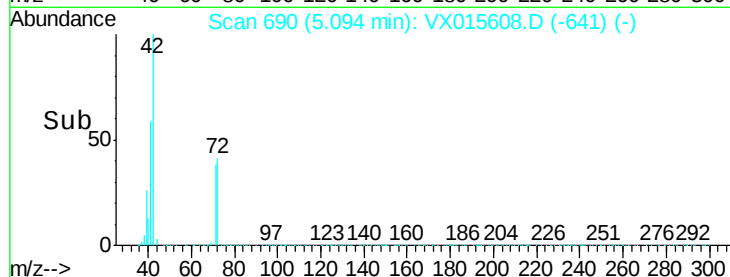
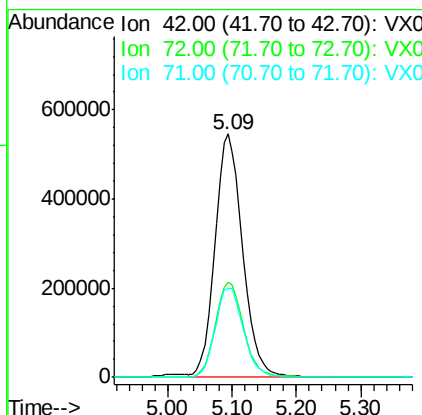
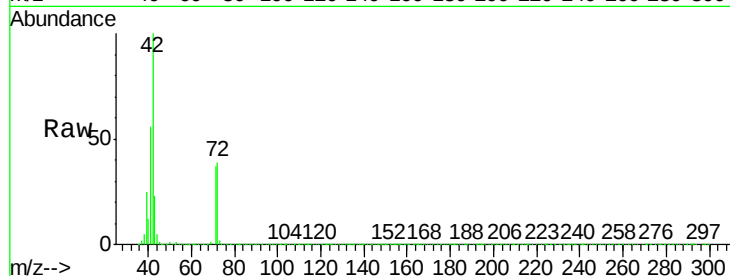
#29
Tetrahydrofuran
Concen: 219.303 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	31.7	47.5
71	37.6	29.6	44.4

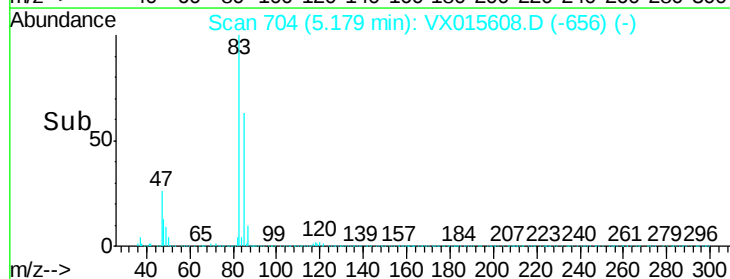
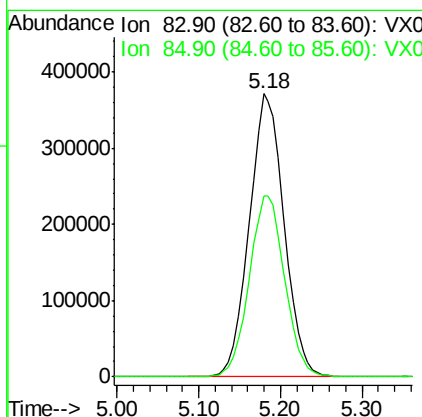
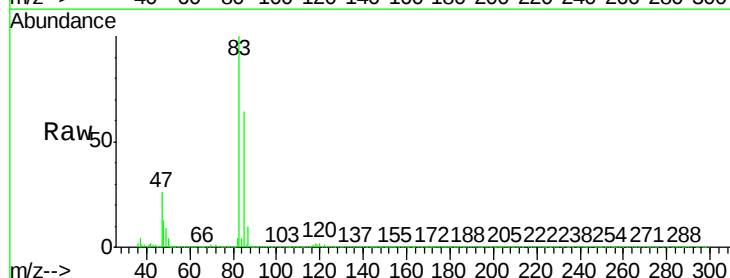
Manual Integrations
APPROVED

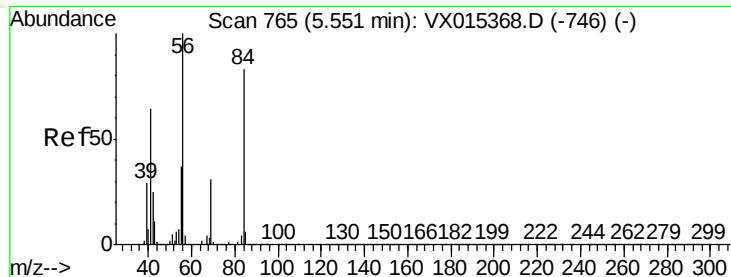
sam
4/10/2020 2:13:01 PM



#30
Chloroform
Concen: 46.395 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.5	74.3





#31

Cyclohexane

Concen: 43.229 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

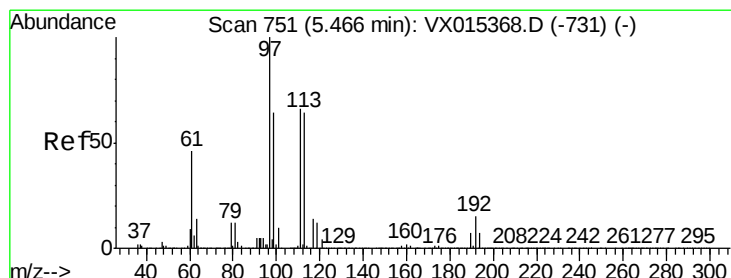
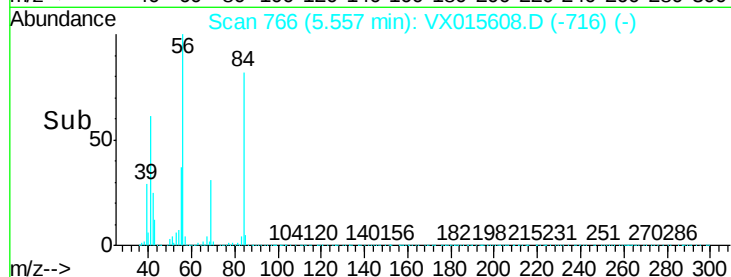
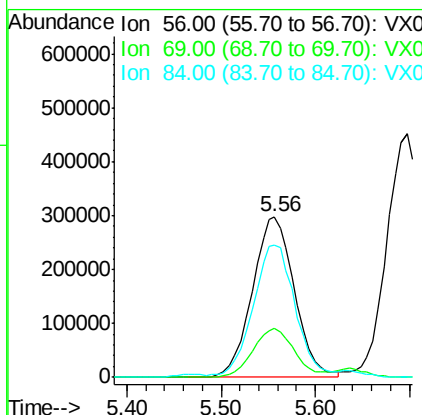
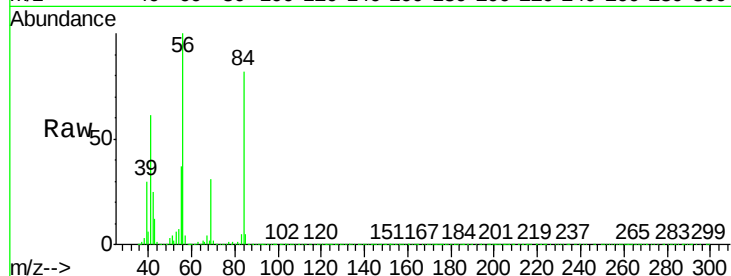
ClientSampleId :

MW-1DMSD

Tot Ion:	56	Resp:	923411
Ion Ratio	Lower	Upper	
56	100		
69	30.5	24.6	36.8
84	80.7	66.1	99.1

Manual Integrations
APPROVED

sam
4/10/2020 2:13:01 PM



#32

1,1,1-Trichloroethane

Concen: 45.482 ug/l

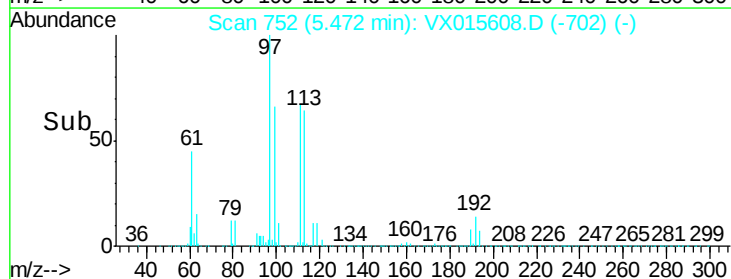
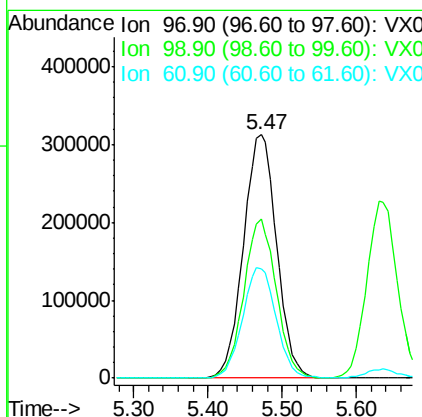
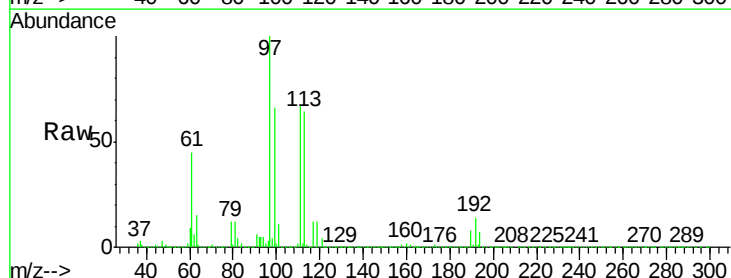
RT: 5.47 min Scan# 752

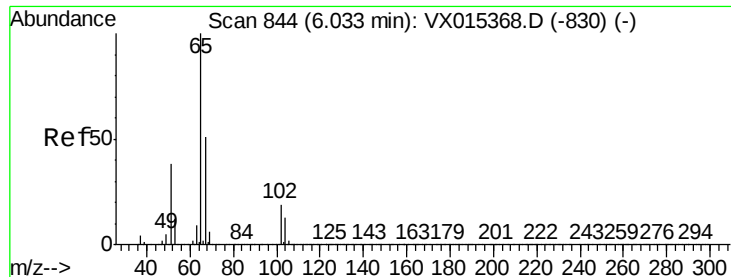
Delta R.T. 0.01 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tgt Ion:	97	Resp:	975115
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.0	76.4
61	45.8	36.1	54.1





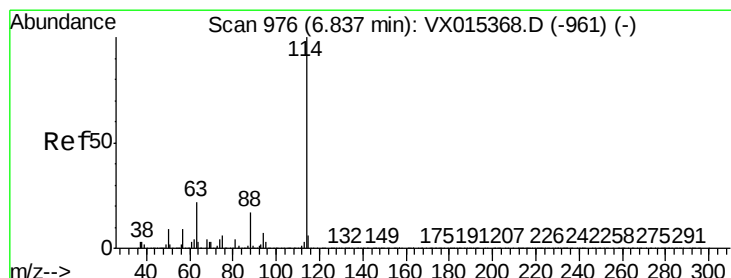
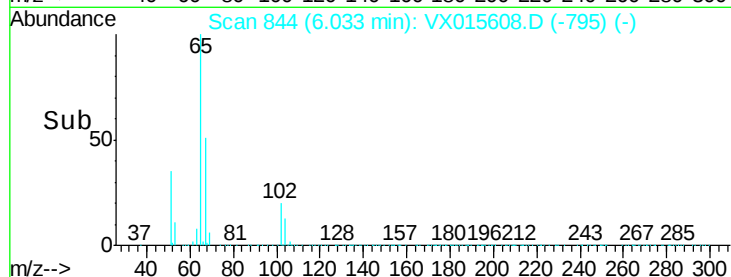
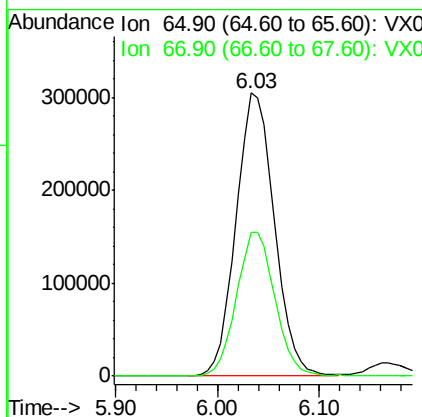
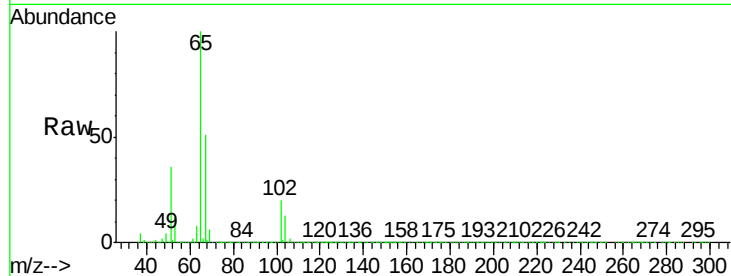
#33
 1,2-Dichloroethane-d4
 Concen: 47.046 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	793863		
67	50.7	0.0	102.6	

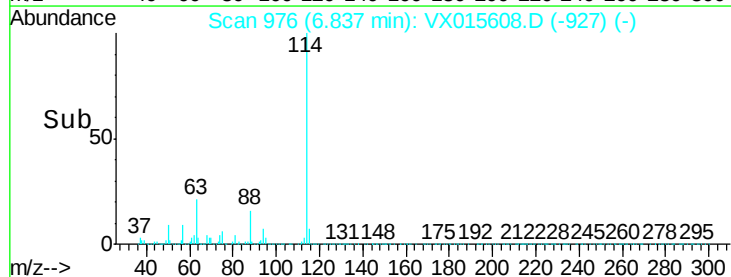
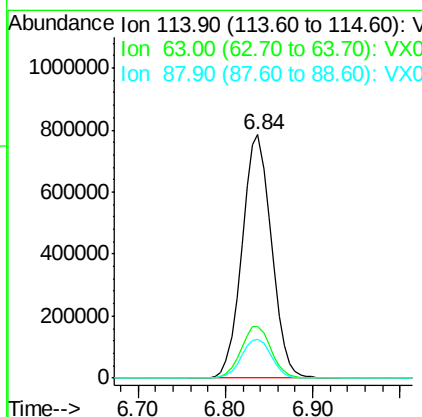
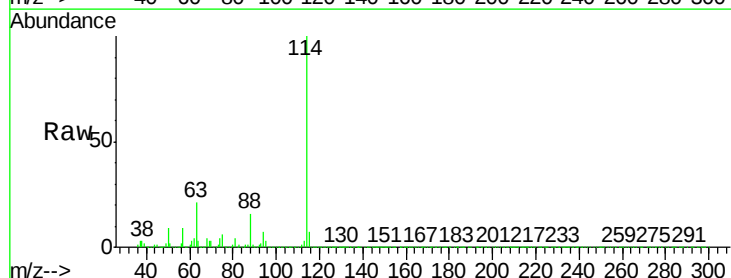
Manual Integrations
 APPROVED

sam
 4/10/2020 2:13:01 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1830108		
63	21.1	0.0	44.2	
88	15.8	0.0	33.8	





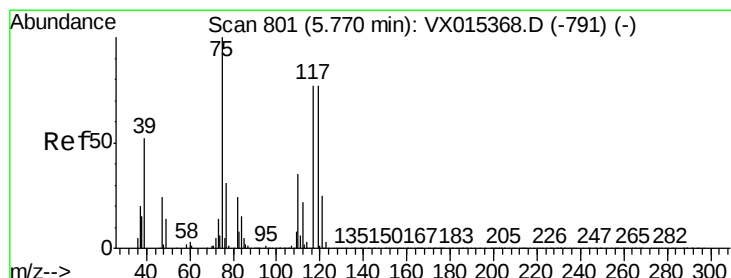
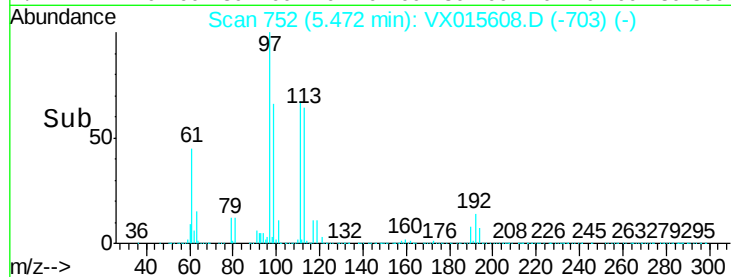
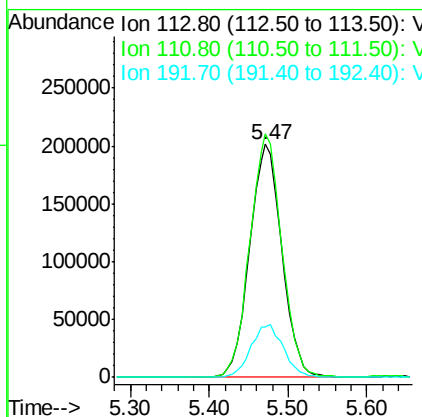
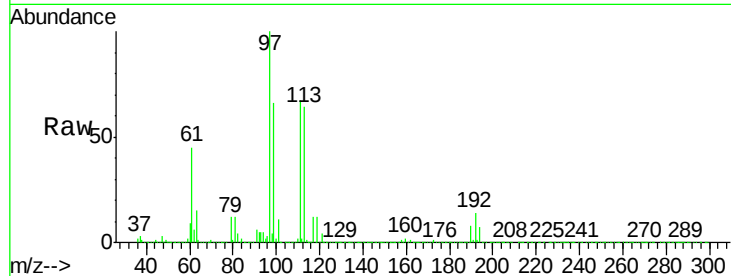
#35
 Dibromofluoromethane
 Concen: 48.716 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	569903		
111	103.3	81.5	122.3	
192	22.8	17.8	26.6	

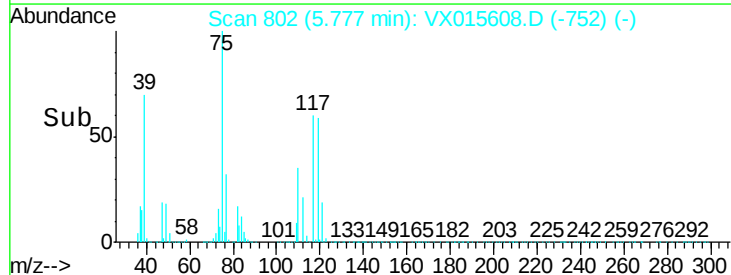
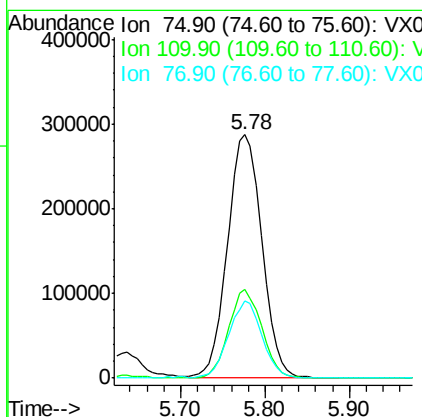
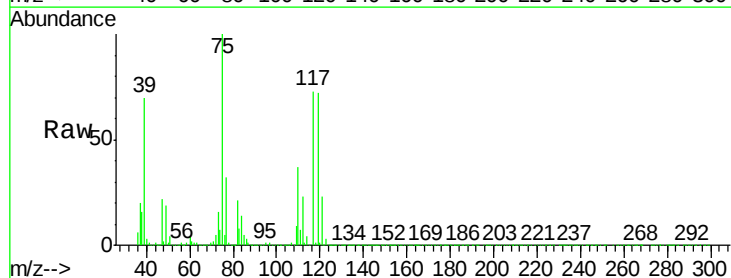
Manual Integrations
 APPROVED

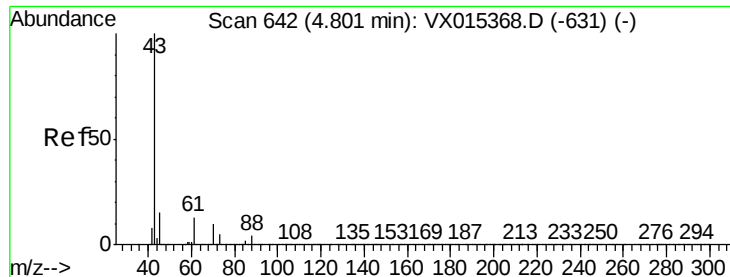
sam
 4/10/2020 2:13:01 PM



#36
 1,1-Dichloropropene
 Concen: 47.058 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	793519		
110	35.1	17.1	51.3	
77	30.3	24.6	36.8	





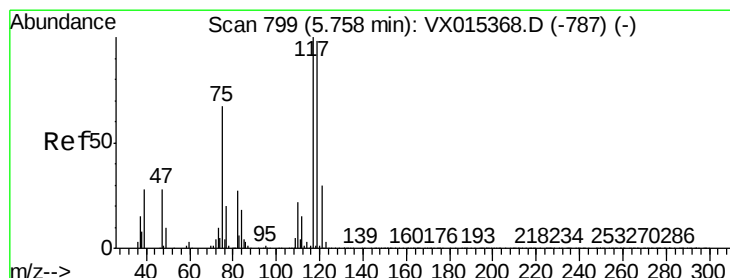
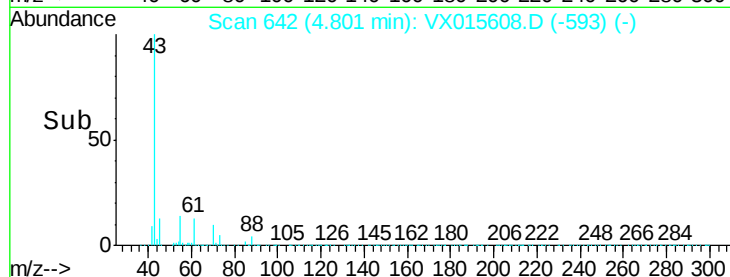
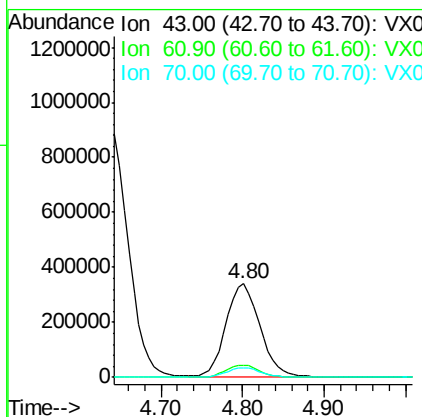
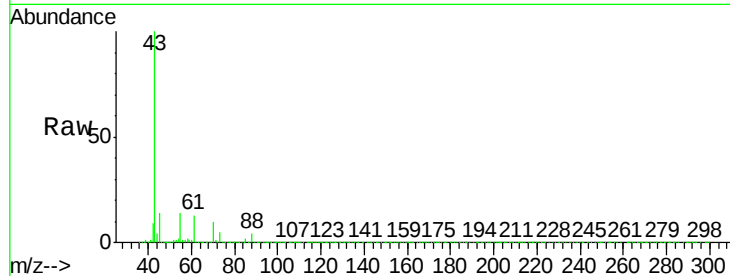
#37
Ethyl Acetate
Concen: 44.428 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.3	8.1	12.1

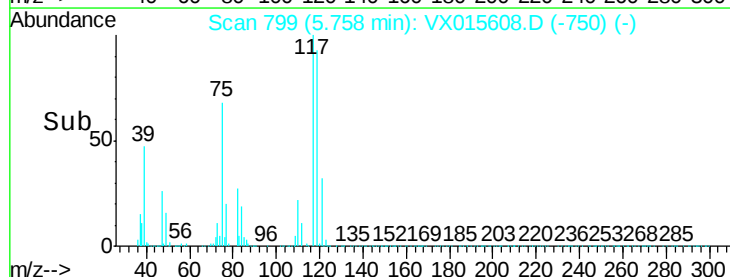
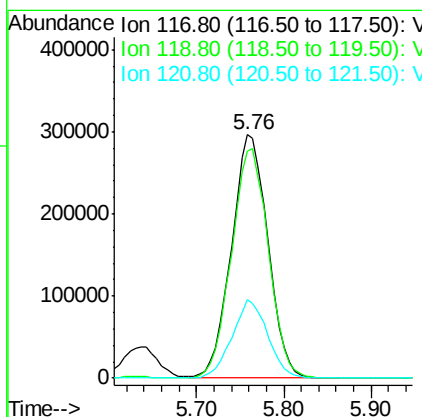
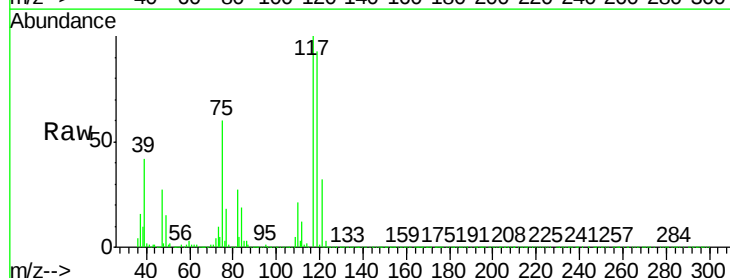
Manual Integrations
APPROVED

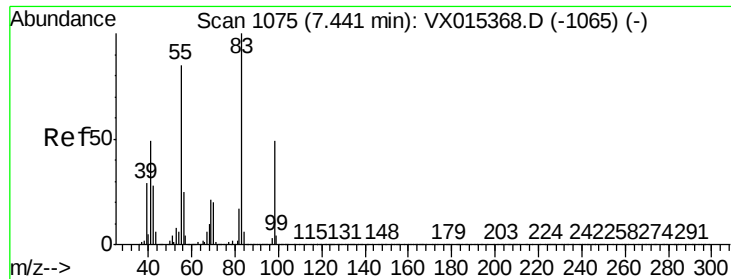
sam
4/10/2020 2:13:01 PM



#38
Carbon Tetrachloride
Concen: 46.879 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.0	117.0
121	32.1	23.8	35.8





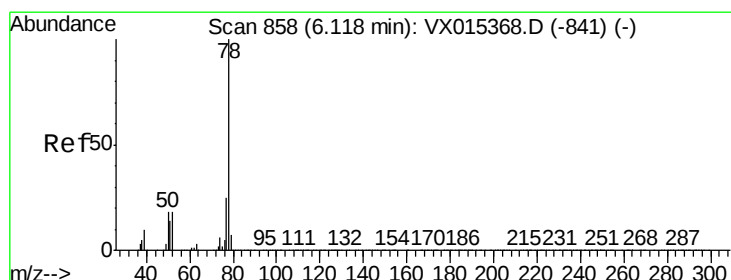
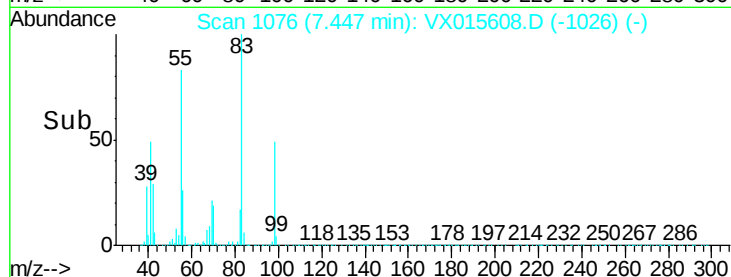
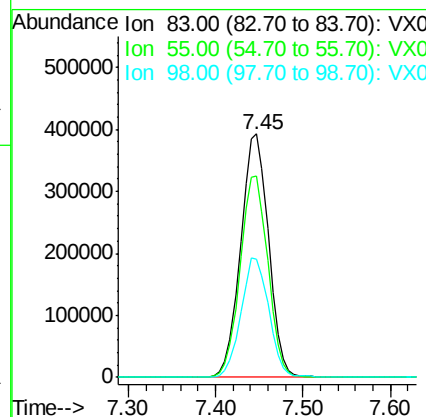
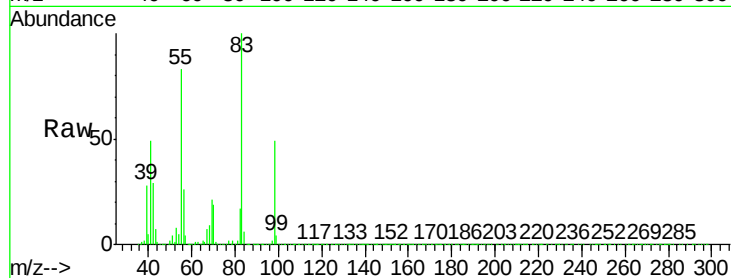
#39
Methylvlcvclohexane
Concen: 44.711 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	67.8	101.6
98	48.6	39.3	58.9

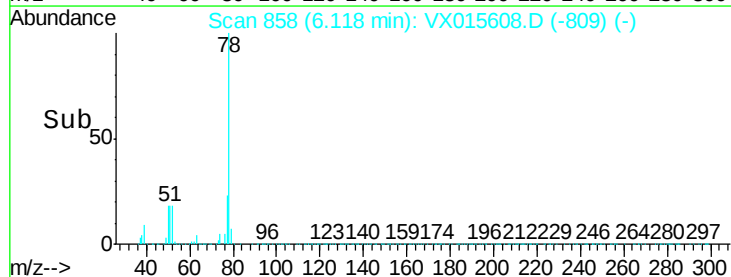
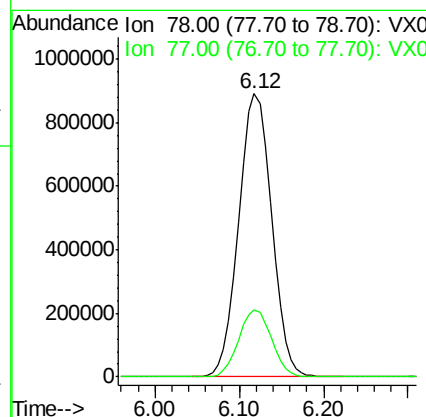
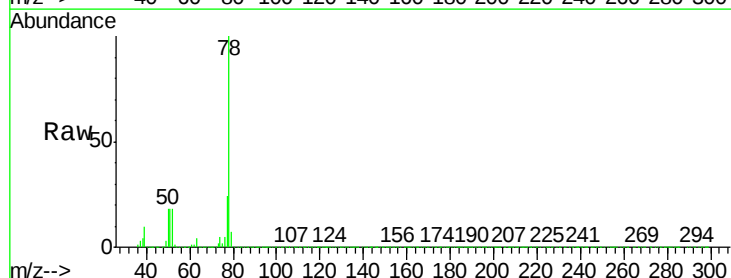
Manual Integrations
APPROVED

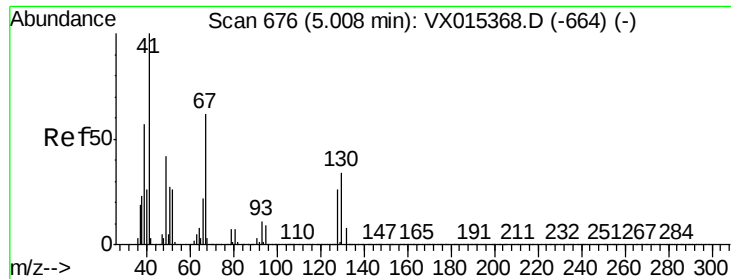
sam
4/10/2020 2:13:01 PM



#40
Benzene
Concen: 47.766 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8





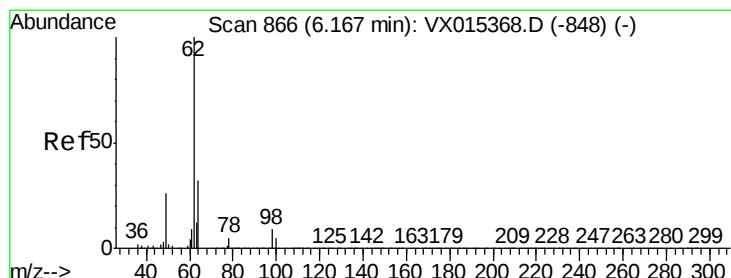
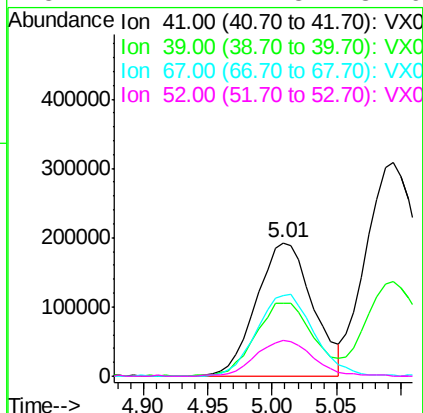
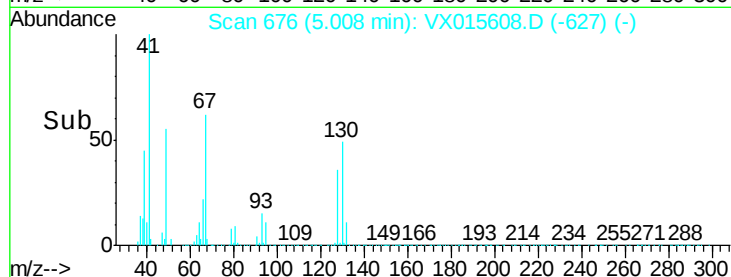
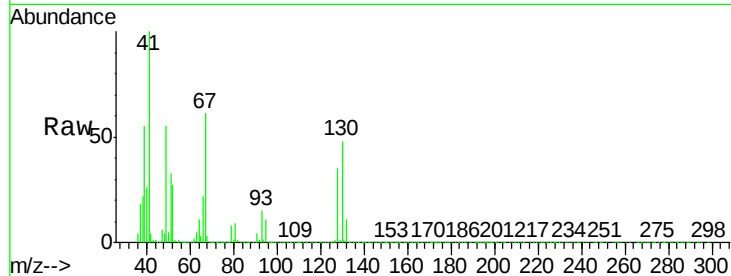
#41
Methacrylonitrile
Concen: 47.794 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		582527		
39	55.7	44.5	66.7		
67	62.0	48.9	73.3		
52	27.1	21.8	32.6		

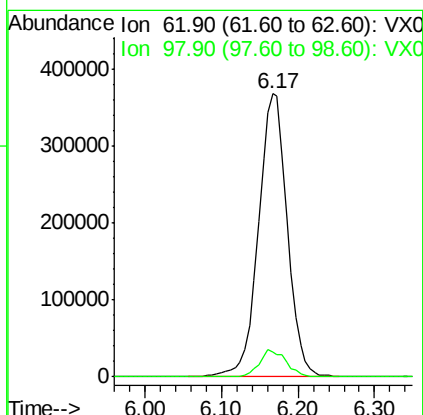
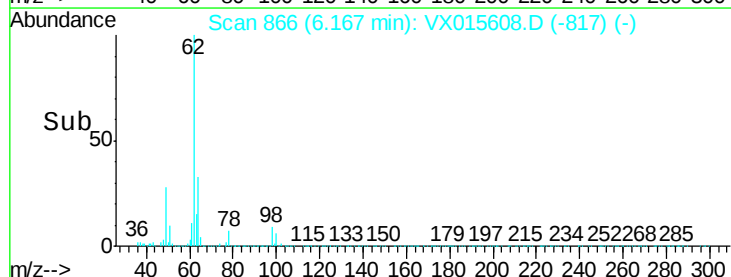
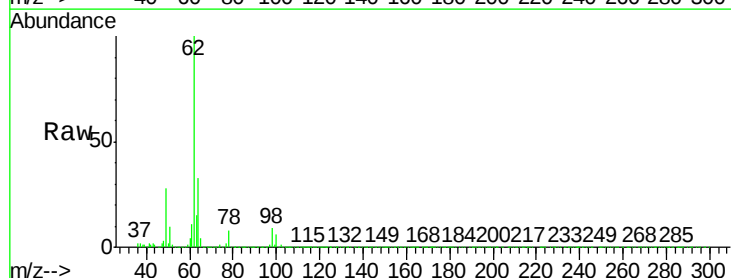
Manual Integrations
APPROVED

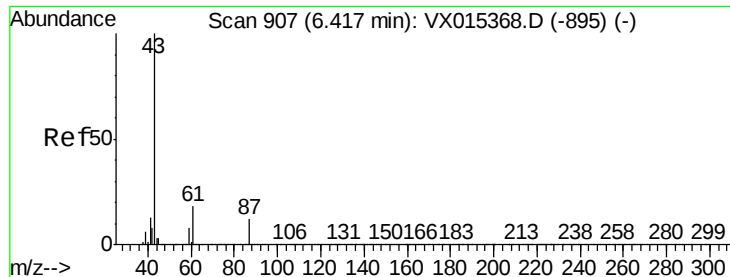
sam
4/10/2020 2:13:01 PM



#42
1,2-Dichloroethane
Concen: 48.849 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		969201		
98	8.8	0.0	17.6		





#43

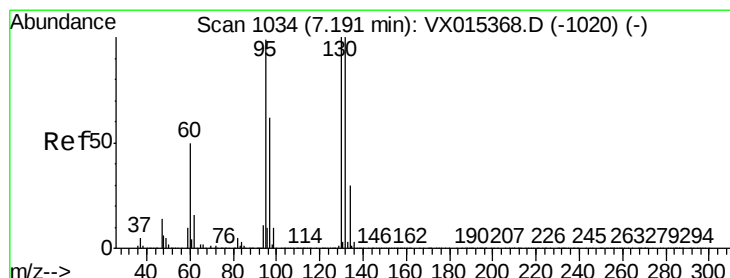
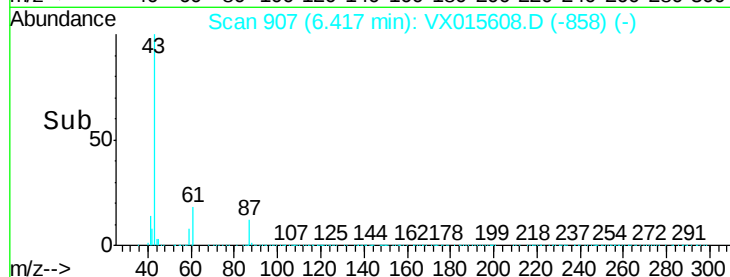
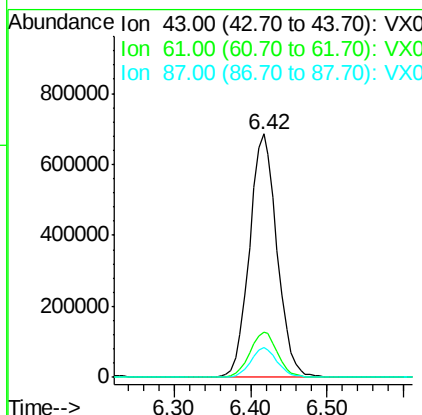
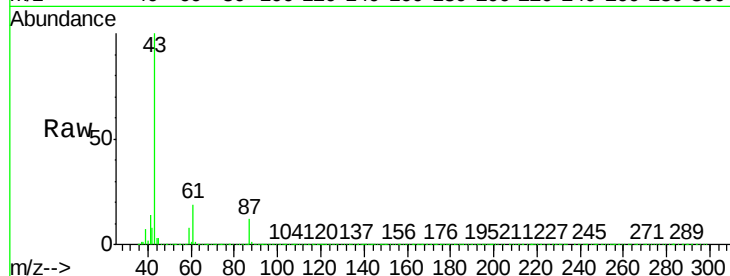
Isopropyl Acetate
 Concen: 46.150 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.8	22.2
87	12.0	9.4	14.0

Manual Integrations
 APPROVED

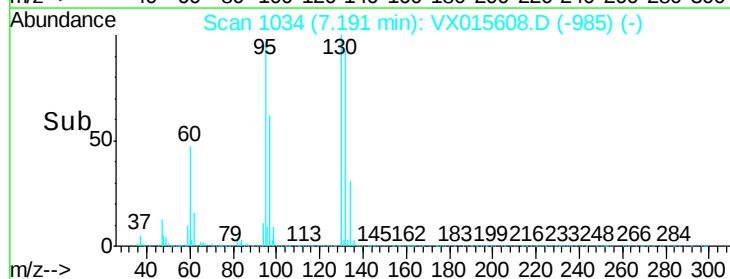
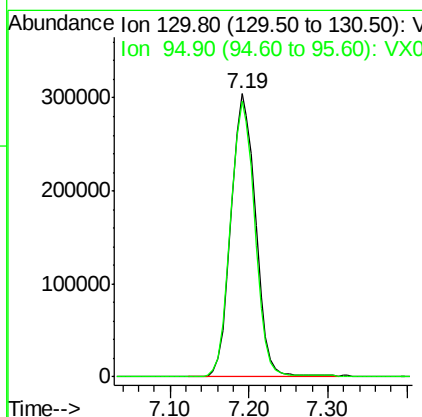
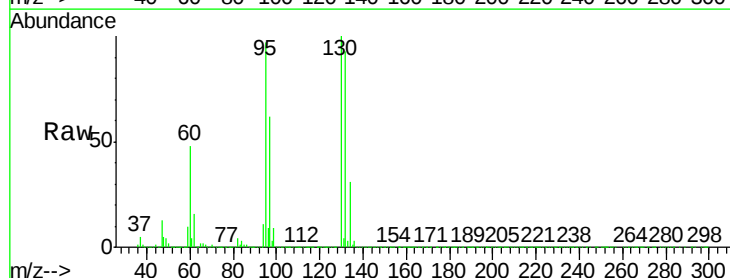
sam
 4/10/2020 2:13:01 PM

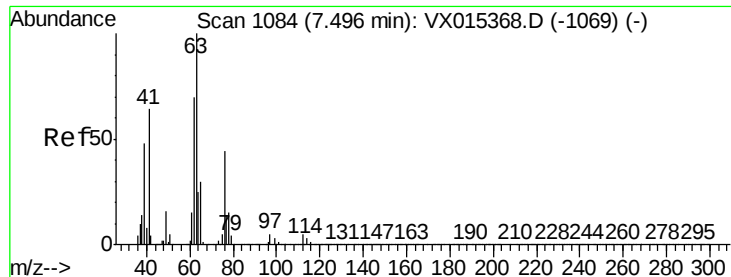


#44

Trichloroethene
 Concen: 48.932 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	199.0





#45

1,2-Dichloropropane

Concen: 47.280 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion: 63 Resp: 638864

Ion Ratio Lower Upper

63 100

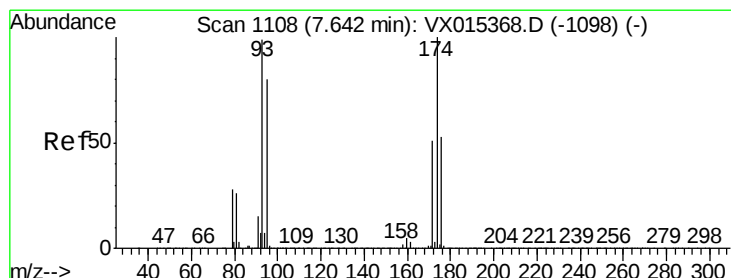
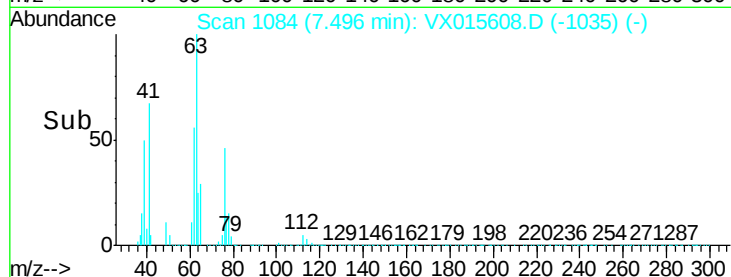
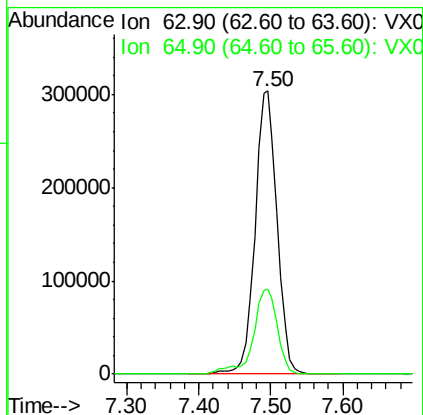
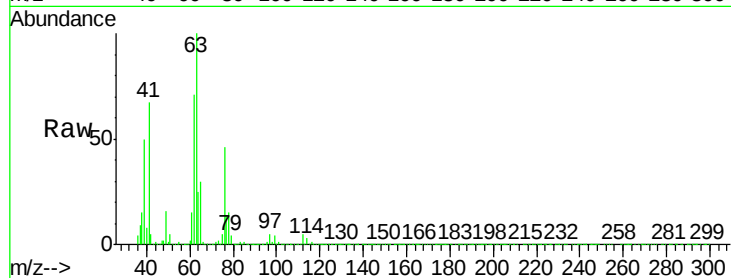
65 30.0 23.9 35.9

Manual Integrations

APPROVED

sam

4/10/2020 2:13:01 PM



#46

Dibromomethane

Concen: 47.864 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

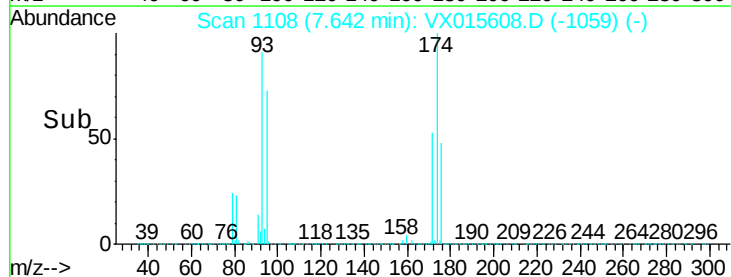
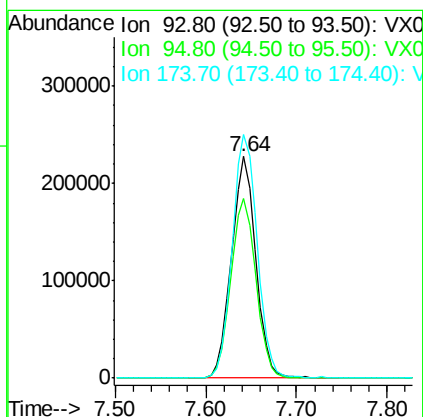
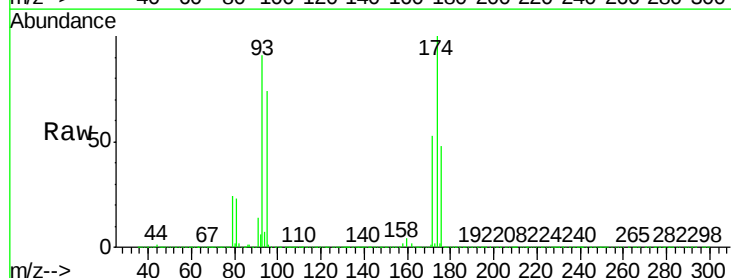
Tgt Ion: 93 Resp: 424262

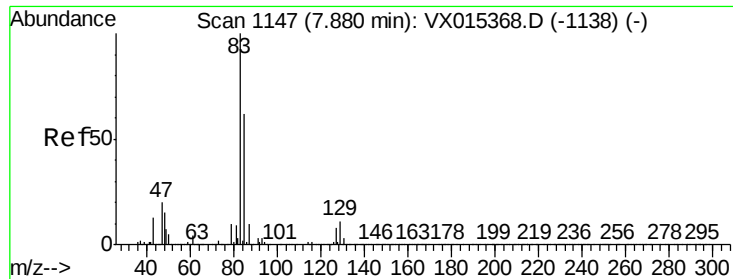
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

174 112.7 86.2 129.2





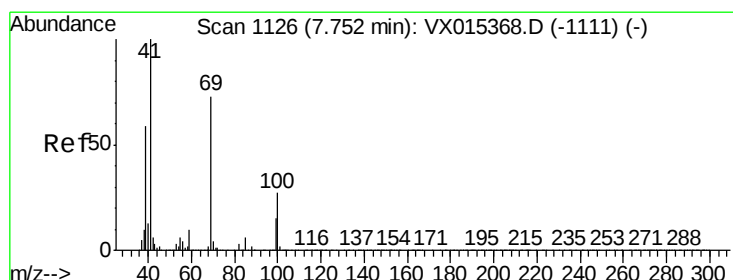
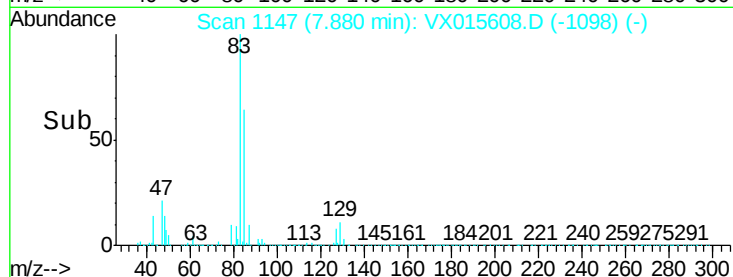
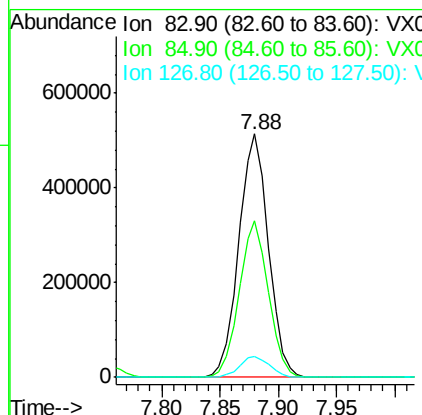
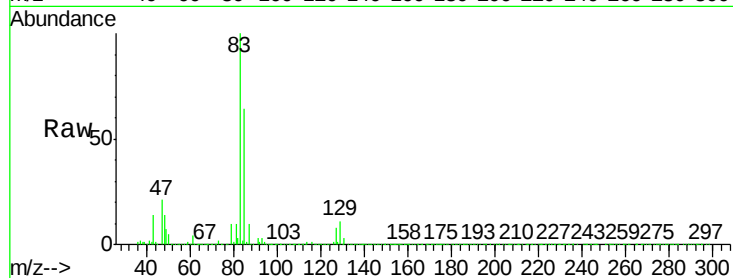
#47
Bromodichloromethane
Concen: 48.288 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	83	Resp	912030
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.7	74.5
127	8.3	6.7	10.1

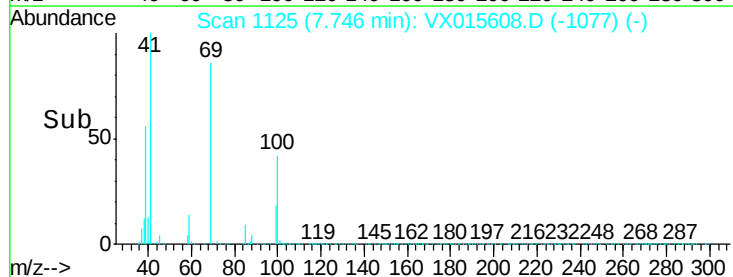
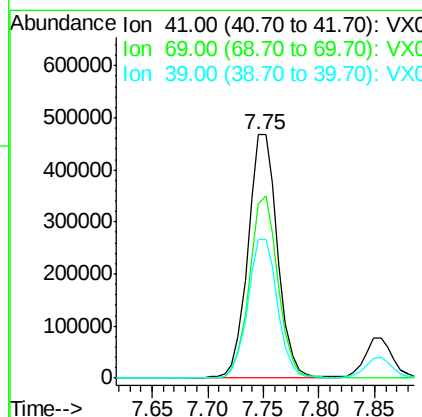
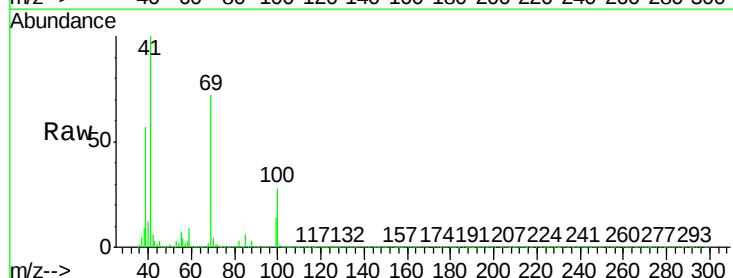
Manual Integrations
APPROVED

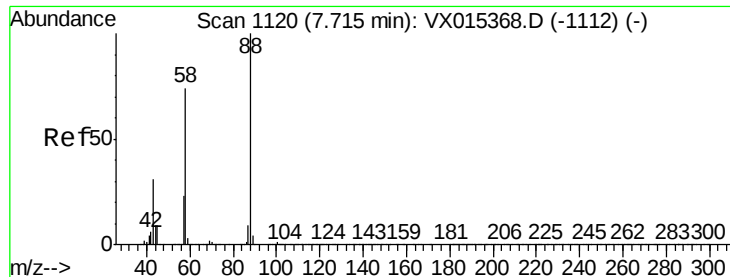
sam
4/10/2020 2:13:01 PM



#48
Methyl methacrylate
Concen: 46.407 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	41	Resp	859144
Ion	Ratio	Lower	Upper
41	100		
69	72.8	56.7	85.1
39	57.5	46.5	69.7





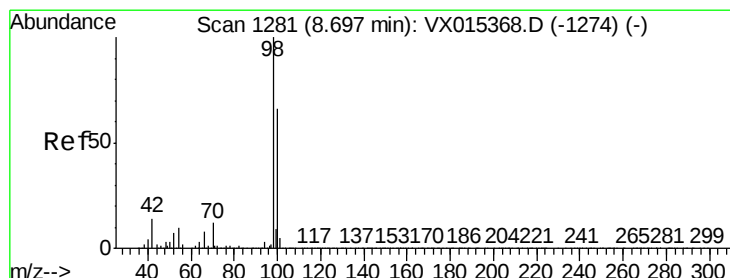
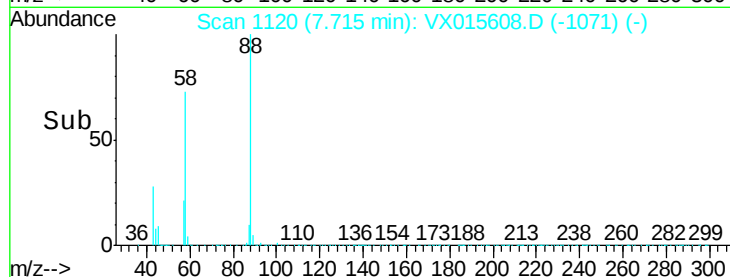
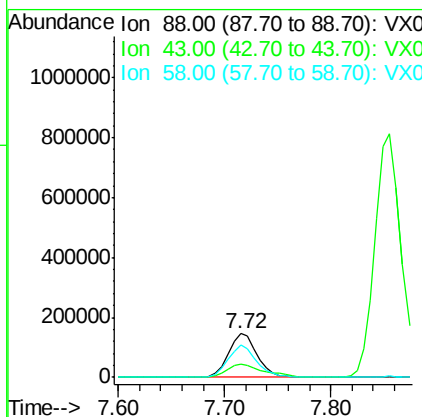
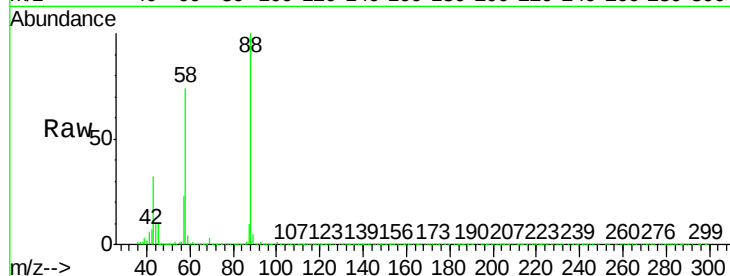
#49
1,4-Dioxane
Concen: 782.785 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampled :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.3	30.1	45.1
58	75.4	60.6	90.8

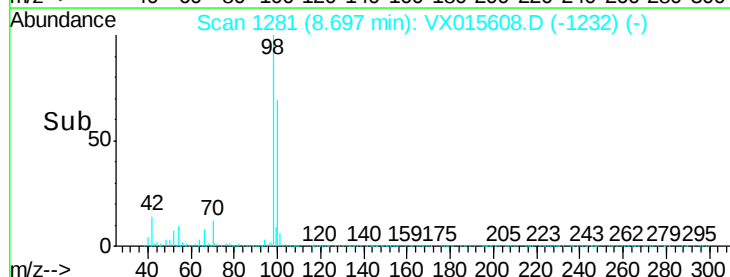
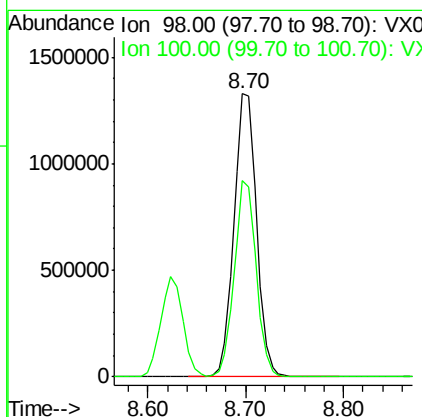
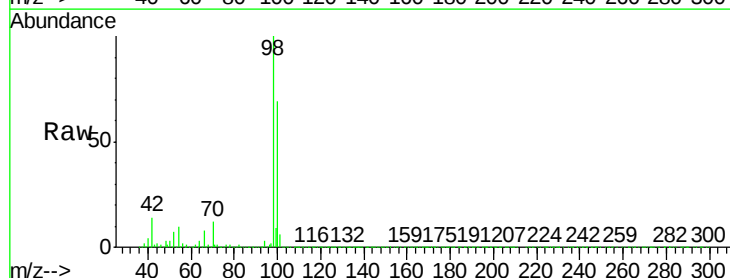
Manual Integrations
APPROVED

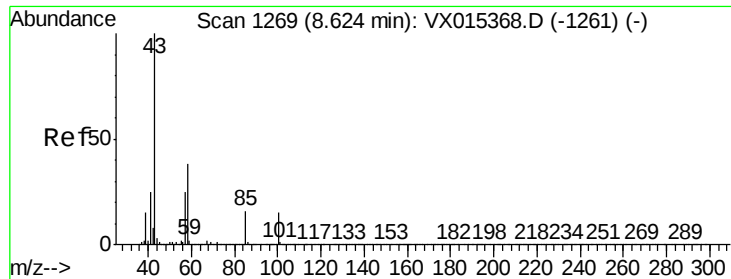
sam
4/10/2020 2:13:01 PM



#50
Toluene-d8
Concen: 49.433 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.5	80.3





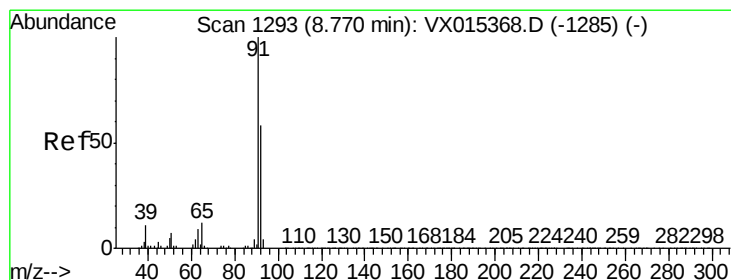
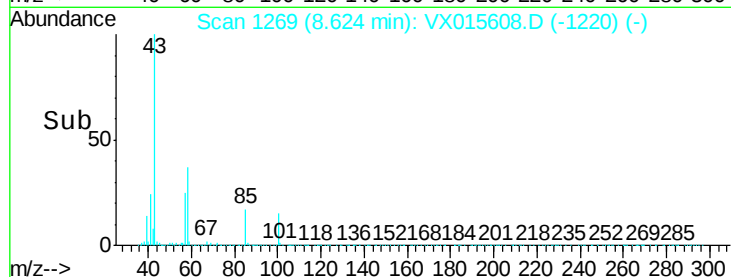
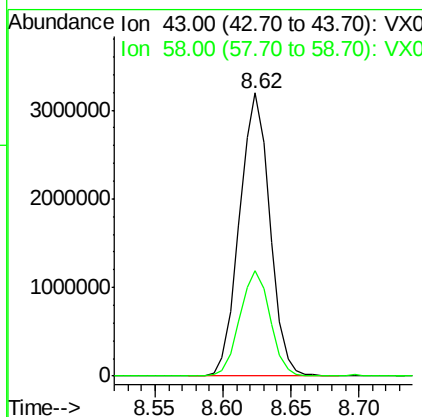
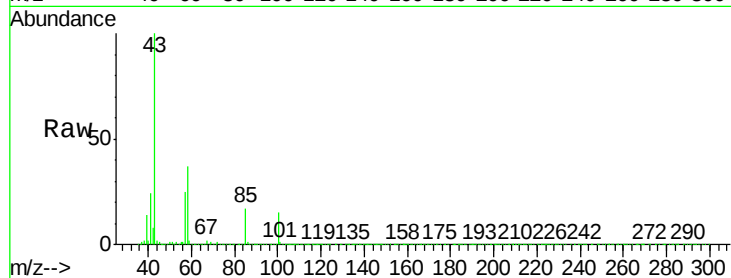
#51
4-Methyl-2-Pentanone
Concen: 237.097 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion: 43 Resp: 4980230
Ion Ratio Lower Upper
43 100
58 37.3 29.7 44.5

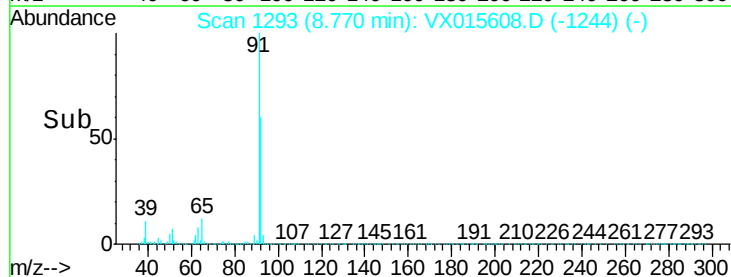
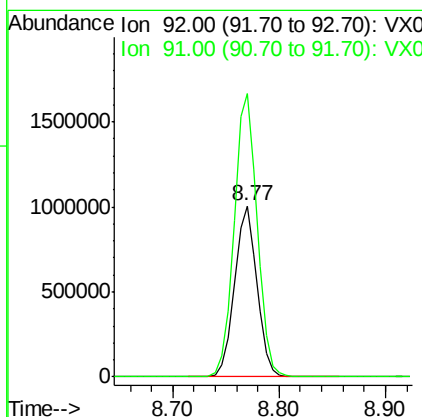
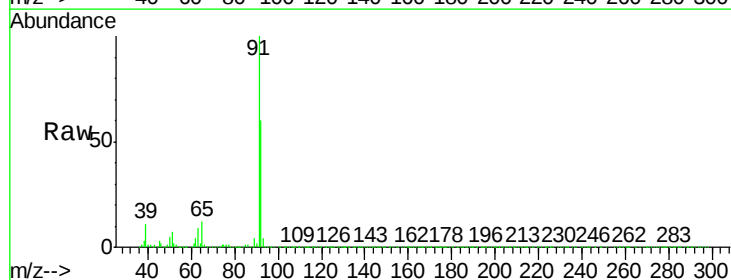
Manual Integrations
APPROVED

sam
4/10/2020 2:13:01 PM



#52
Toluene
Concen: 48.611 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion: 92 Resp: 1480345
Ion Ratio Lower Upper
92 100
91 170.2 136.6 205.0





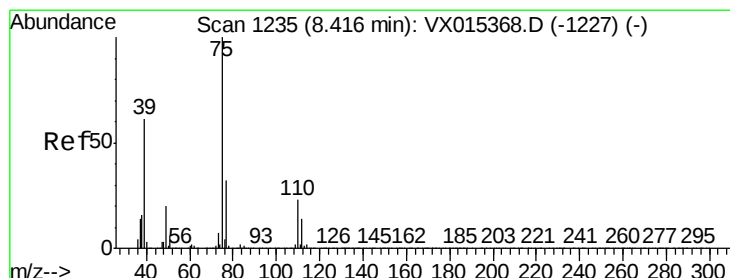
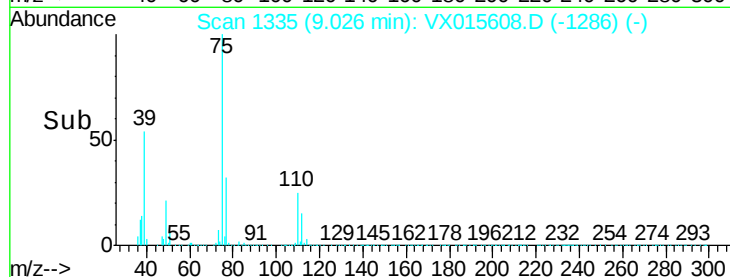
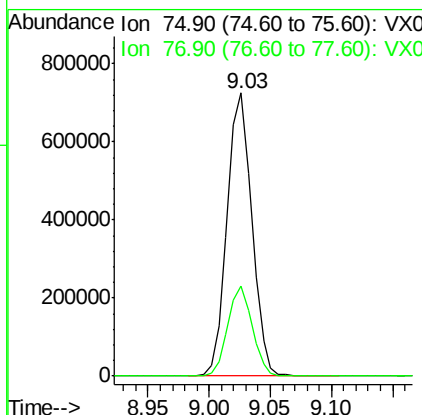
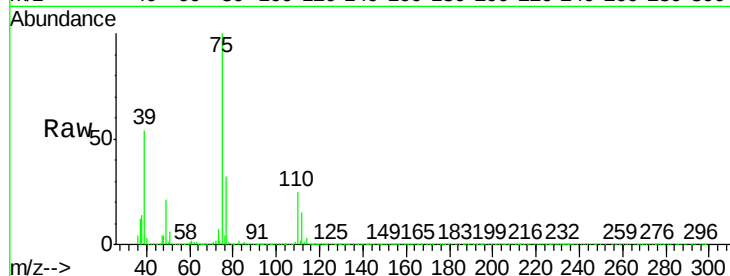
#53
t-1,3-Dichloropropene
Concen: 46.083 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion: 75 Resp: 1020781
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1

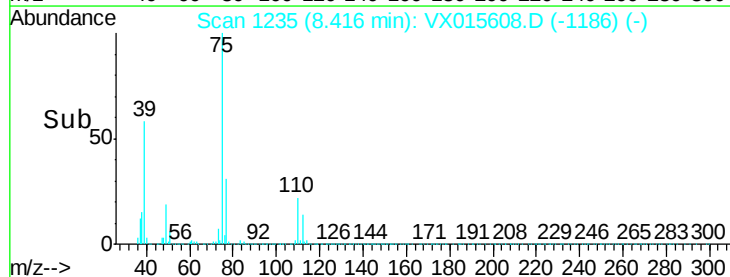
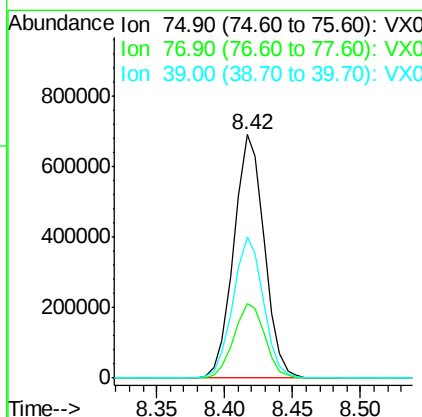
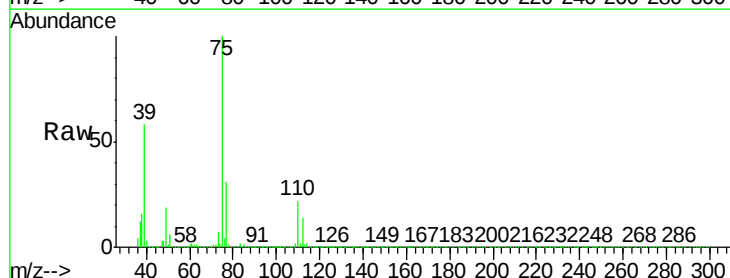
Manual Integrations
APPROVED

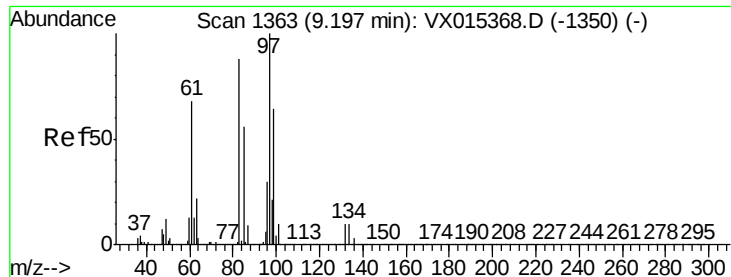
sam
4/10/2020 2:13:01 PM



#54
cis-1,3-Dichloropropene
Concen: 47.750 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion: 75 Resp: 1077449
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 58.1 49.0 73.4





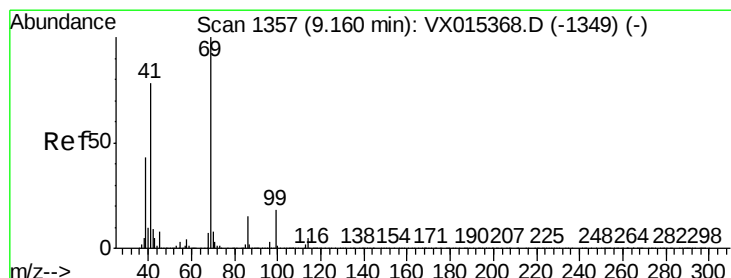
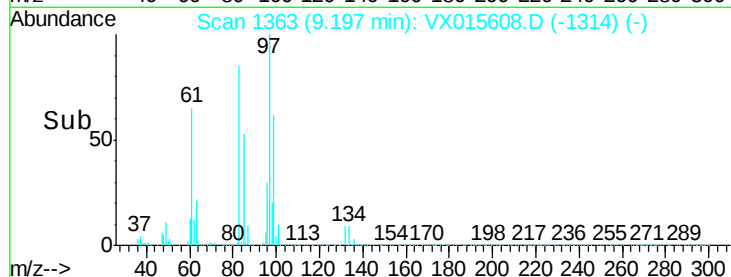
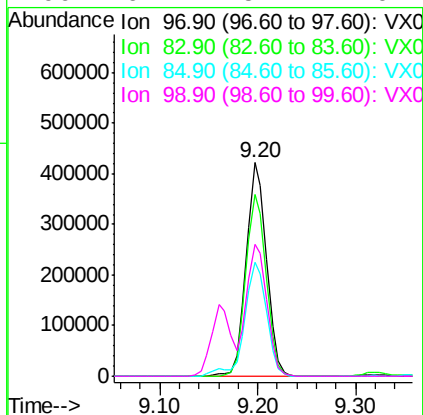
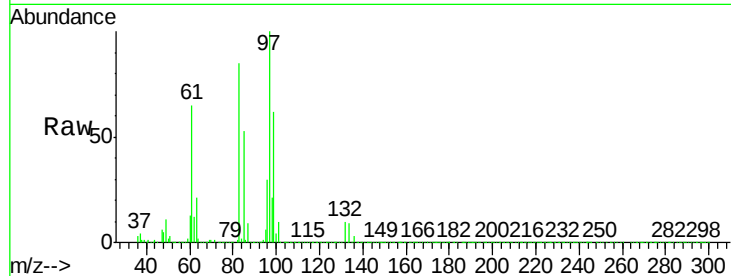
#55
 1,1,2-Trichloroethane
 Concen: 48.787 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion:	97	Resp:	608703
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.4
85	53.2	44.7	67.1
99	61.7	51.1	76.7

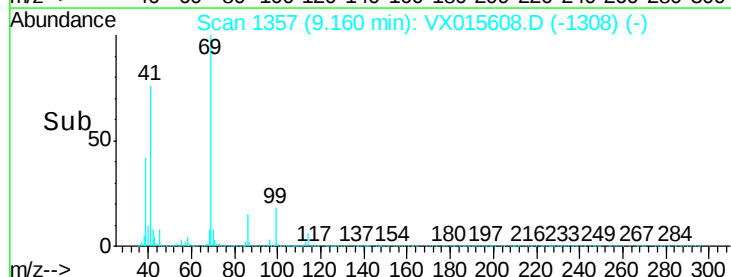
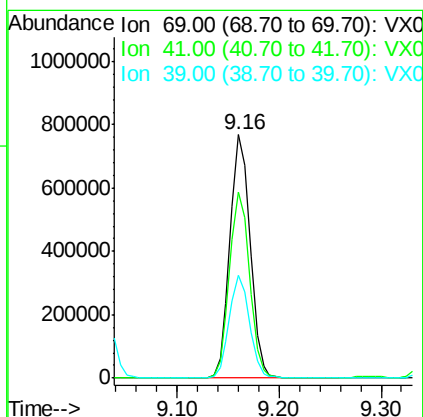
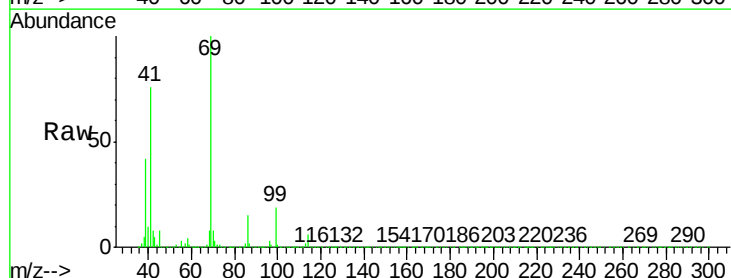
Manual Integrations
 APPROVED

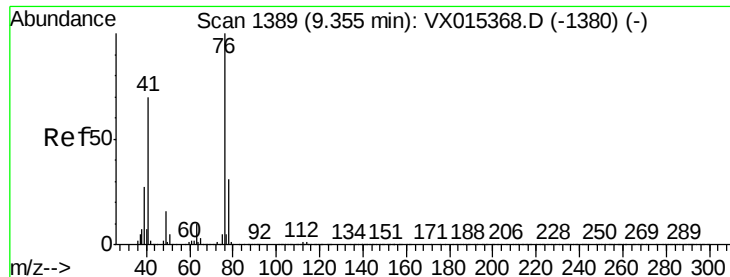
sam
 4/10/2020 2:13:01 PM



#56
 Ethyl methacrylate
 Concen: 47.568 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion:	69	Resp:	1045956
Ion	Ratio	Lower	Upper
69	100		
41	76.3	61.6	92.4
39	42.1	34.0	51.0





#57

1,3-Dichloropropane

Concen: 47.352 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion: 76 Resp: 1064427

Ion Ratio Lower Upper

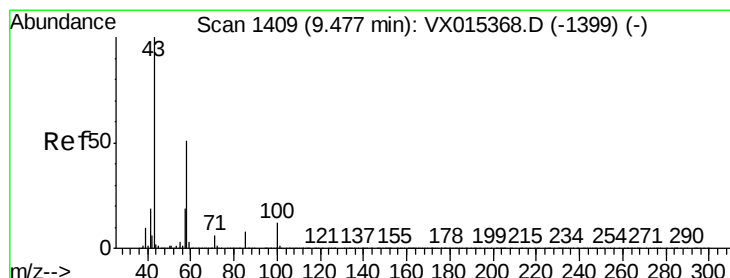
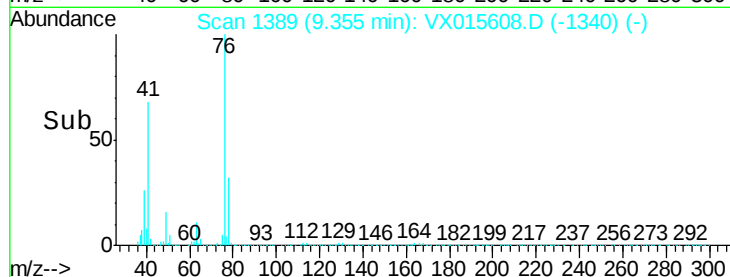
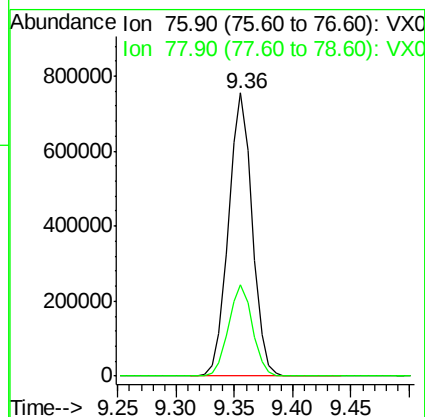
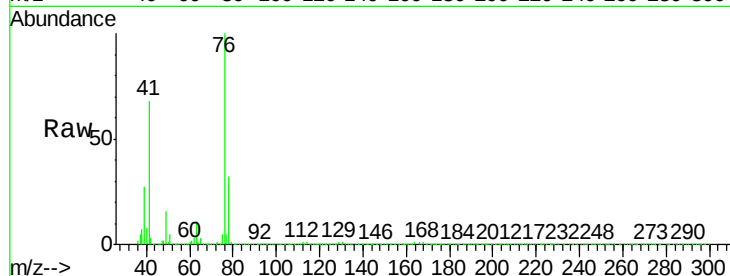
76 100

78 32.5 25.8 38.8

Manual Integrations
APPROVED

sam

4/10/2020 2:13:01 PM



#59

2-Hexanone

Concen: 238.060 ug/l

RT: 9.48 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VX015608.D

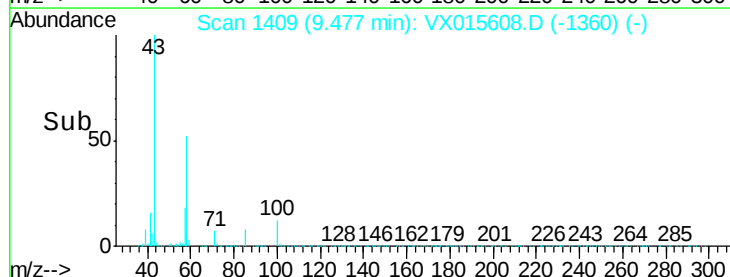
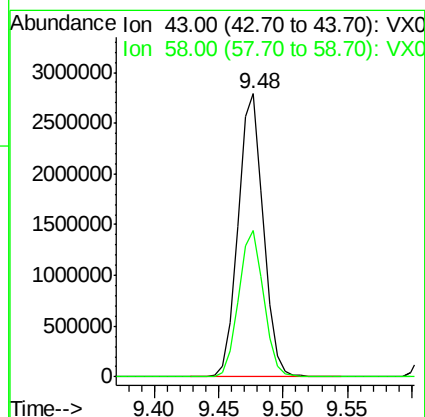
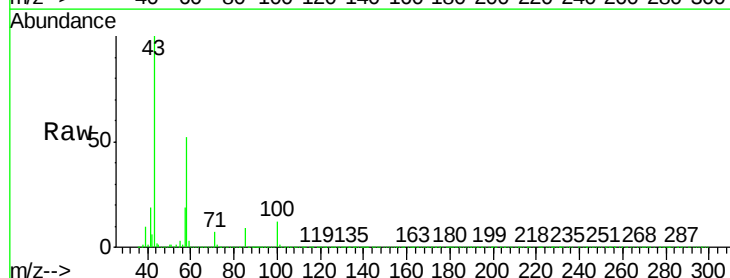
Acq: 09 Apr 2020 19:46

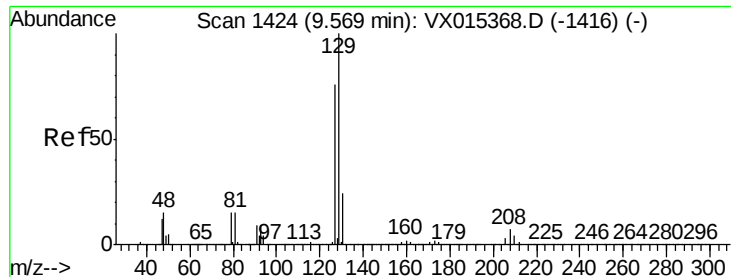
Tgt Ion: 43 Resp: 3775228

Ion Ratio Lower Upper

43 100

58 51.7 25.6 76.6





#60

Dibromochloromethane

Concen: 48.294 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion:129 Resp: 724054

Ion Ratio Lower Upper

129 100

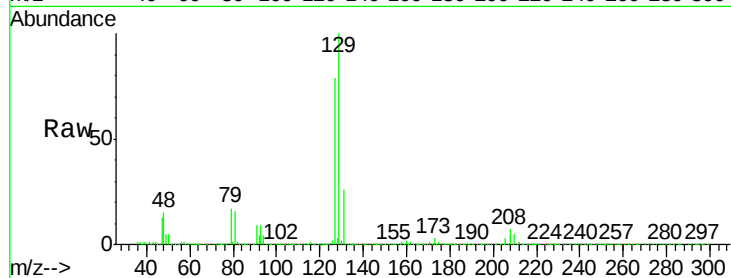
127 76.5 38.2 114.6

Manual Integrations

APPROVED

sam

4/10/2020 2:13:01 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

500000

400000

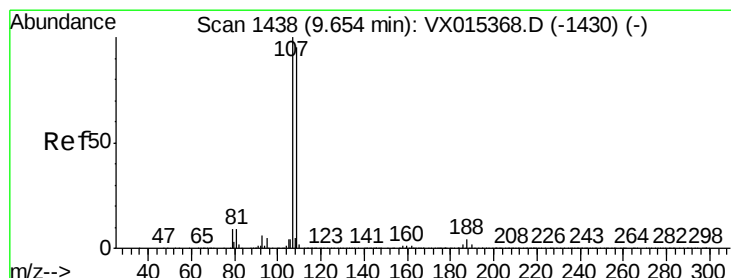
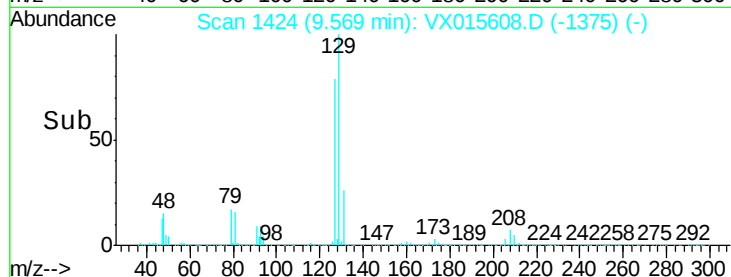
300000

200000

100000

0

Time-->



#61

1,2-Dibromoethane

Concen: 48.919 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015608.D

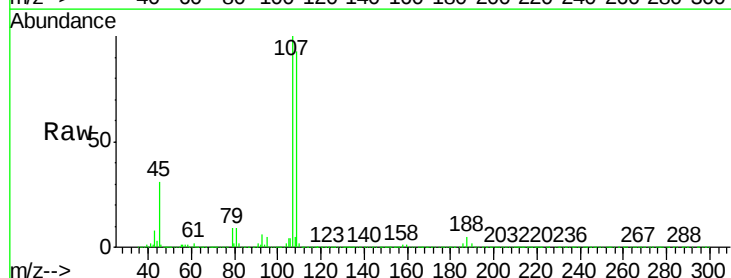
Acq: 09 Apr 2020 19:46

Tgt Ion:107 Resp: 663661

Ion Ratio Lower Upper

107 100

109 92.9 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

500000

400000

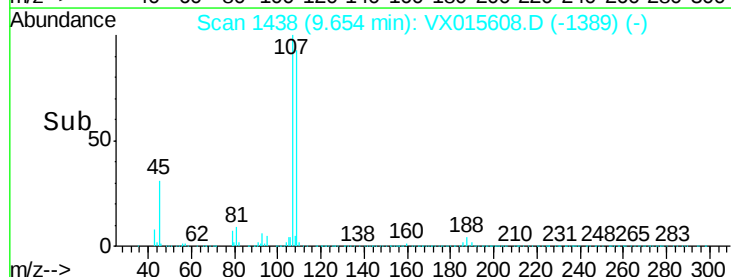
300000

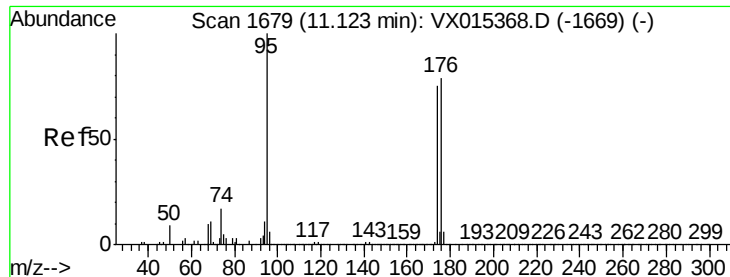
200000

100000

0

Time-->





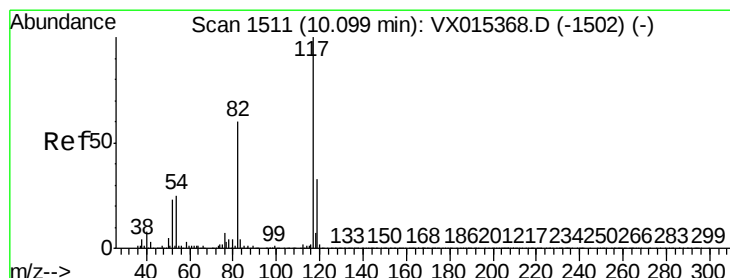
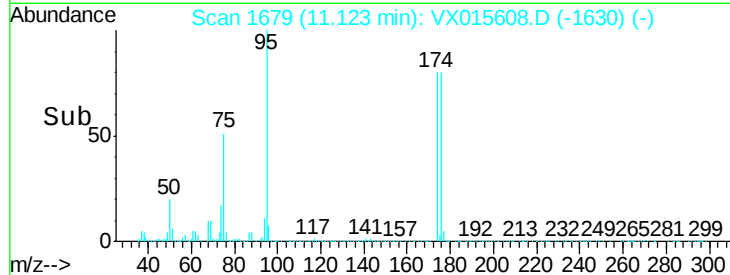
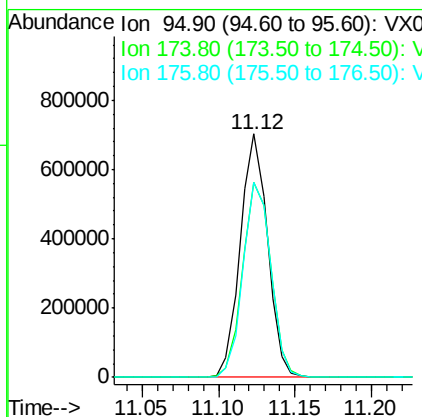
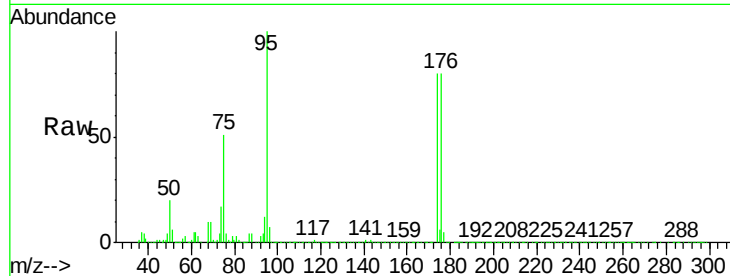
#62
4-Bromofluorobenzene
Concen: 49.677 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	869551		
174	83.0	0.0	158.6	
176	81.7	0.0	159.0	

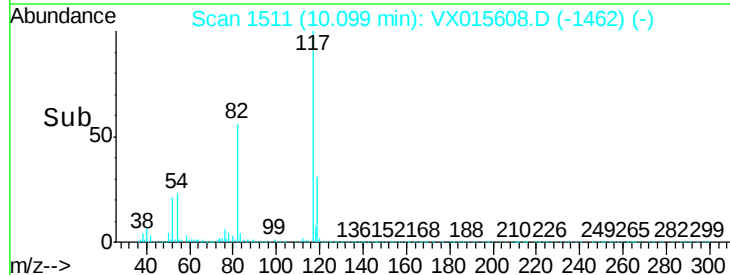
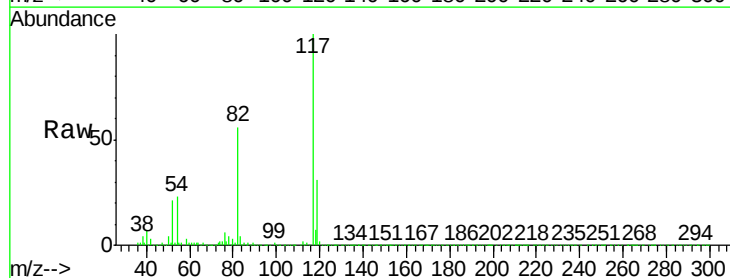
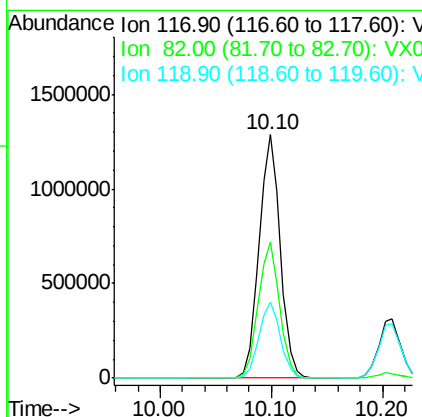
Manual Integrations
APPROVED

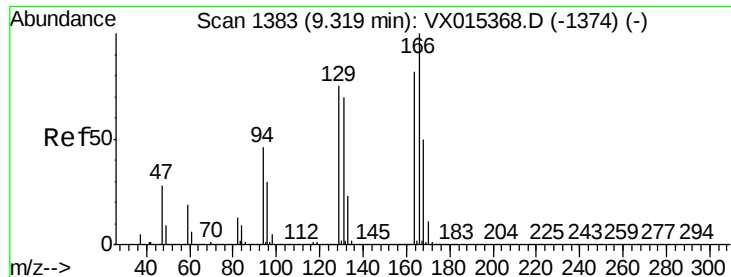
sam
4/10/2020 2:13:01 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1704450		
82	55.7	47.8	71.8	
119	31.1	26.8	40.2	





#64

Tetrachloroethene

Concen: 46.044 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

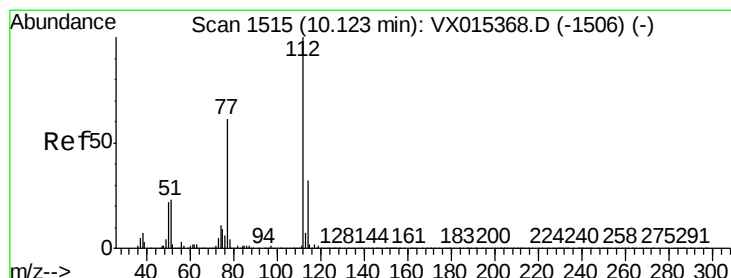
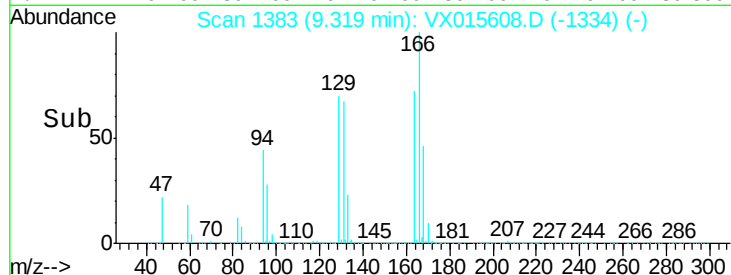
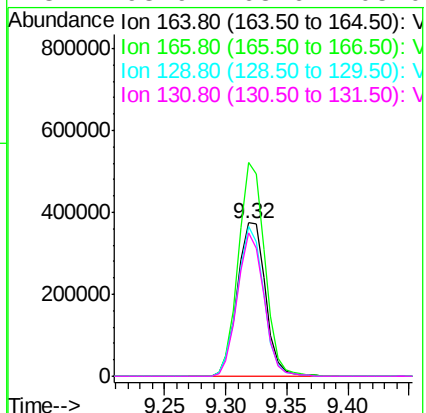
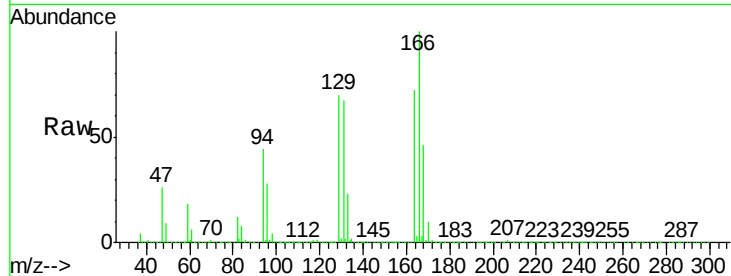
ClientSampleId :

MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	139.5	97.8	146.6	
129	97.9	73.0	109.4	
131	93.9	68.6	103.0	

Manual Integrations
APPROVED

sam
4/10/2020 2:13:01 PM



#65

Chlorobenzene

Concen: 47.380 ug/l

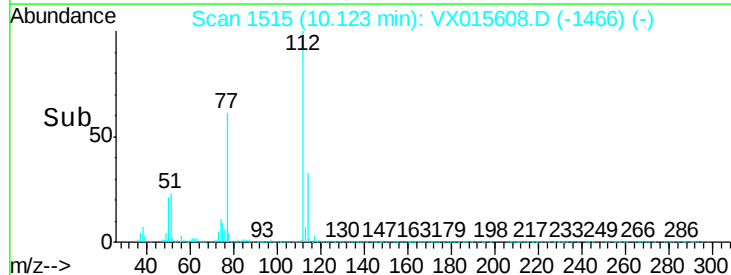
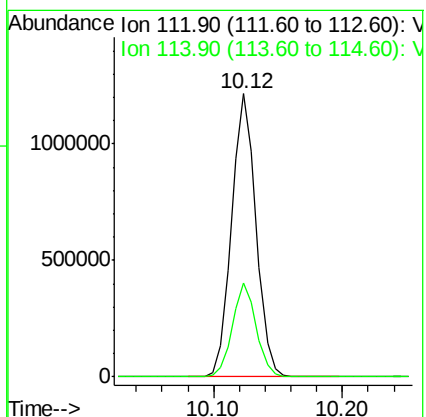
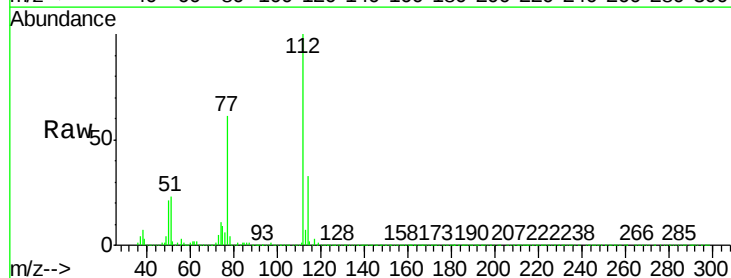
RT: 10.12 min Scan# 1515

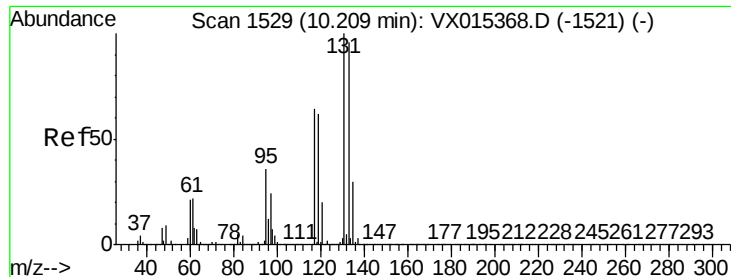
Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	33.0	25.5	38.3	





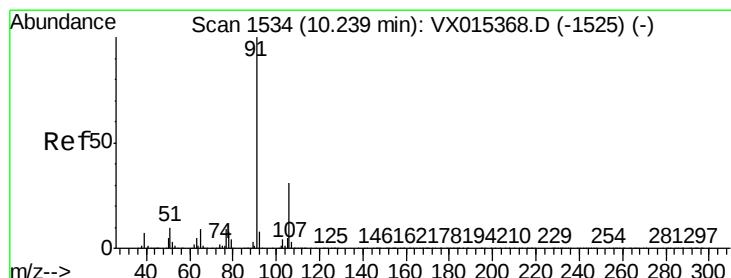
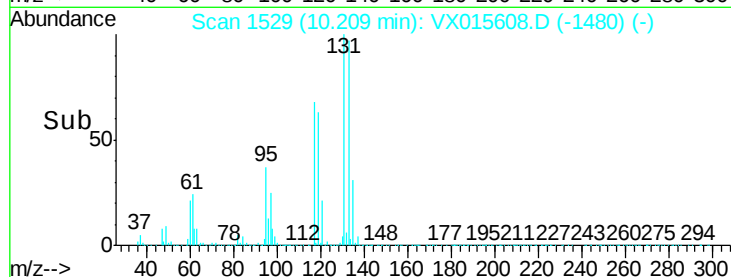
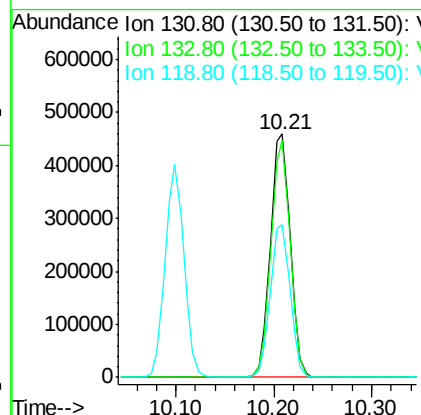
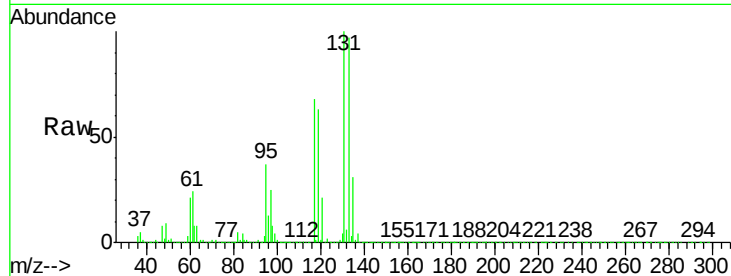
#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.556 ug/l
 RT: 10.21 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.6	142.9
119	62.9	31.1	93.3

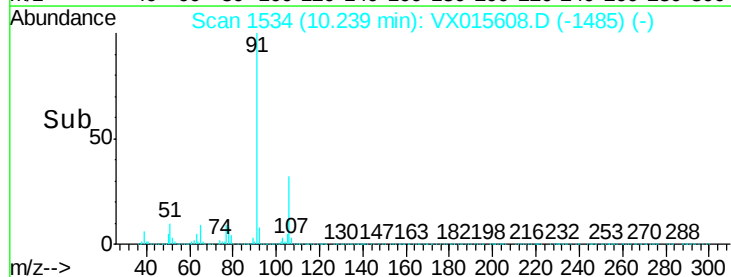
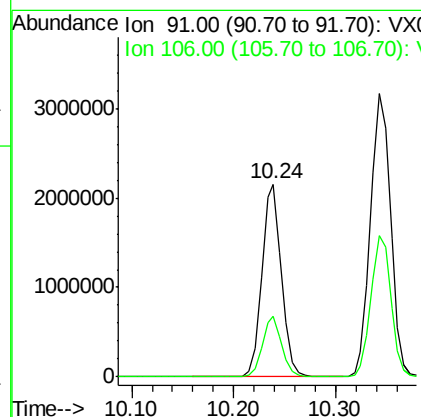
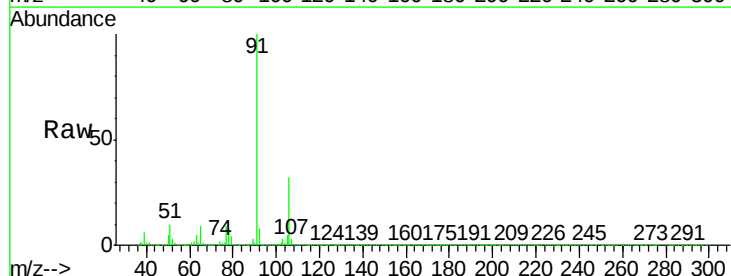
Manual Integrations
 APPROVED

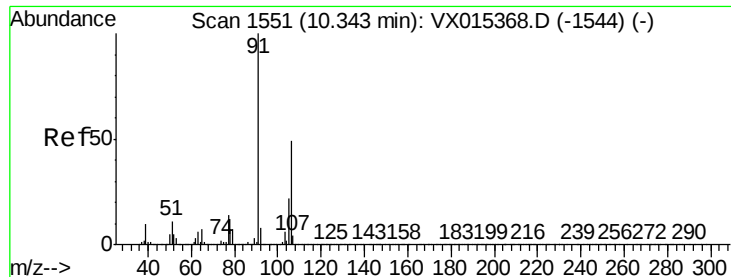
sam
 4/10/2020 2:13:01 PM



#67
 Ethyl Benzene
 Concen: 47.960 ug/l
 RT: 10.24 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.8	37.2





#68

m/p-Xvlenes

Concen: 95.788 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion:106 Resp: 2150357

Ion Ratio Lower Upper

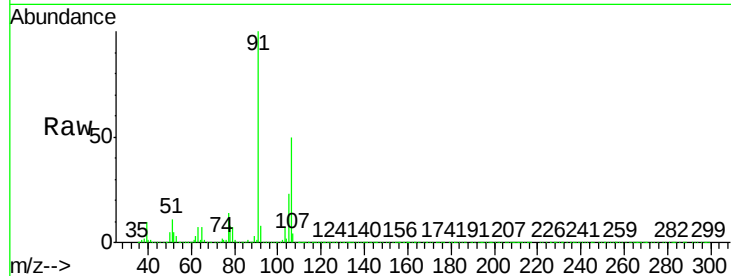
106 100

91 201.9 163.4 245.0

Manual Integrations
APPROVED

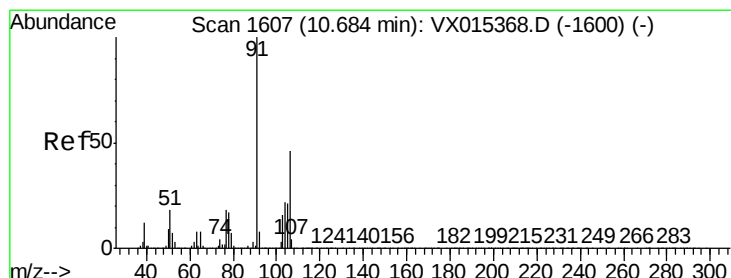
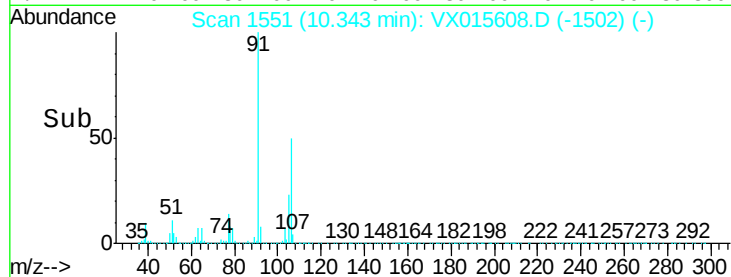
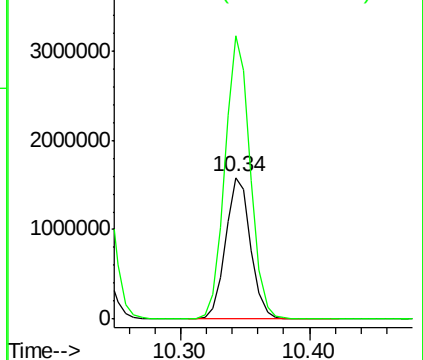
sam

4/10/2020 2:13:01 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 47.405 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015608.D

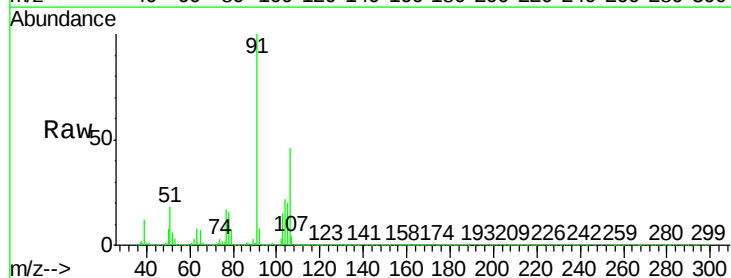
Acq: 09 Apr 2020 19:46

Tgt Ion:106 Resp: 1051605

Ion Ratio Lower Upper

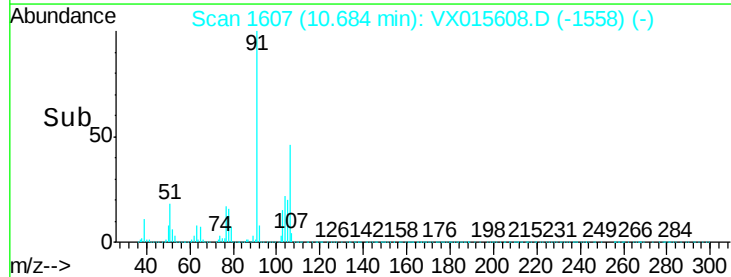
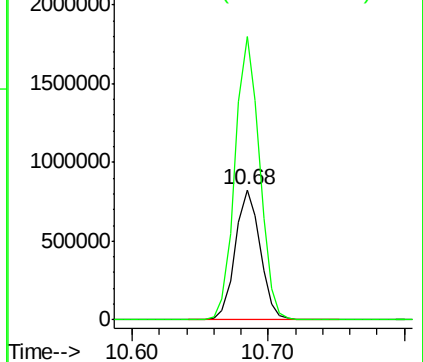
106 100

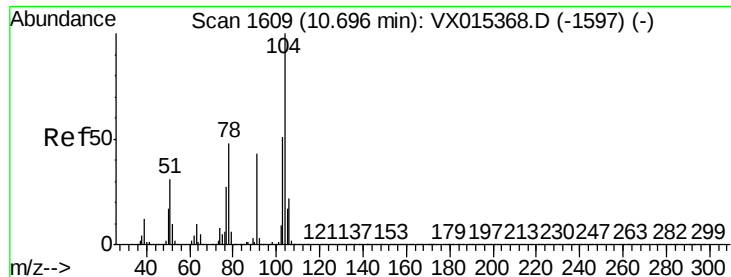
91 215.1 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





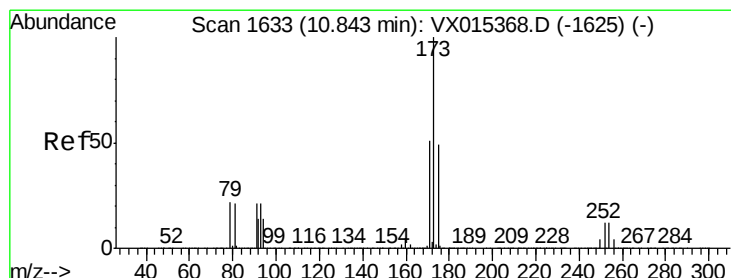
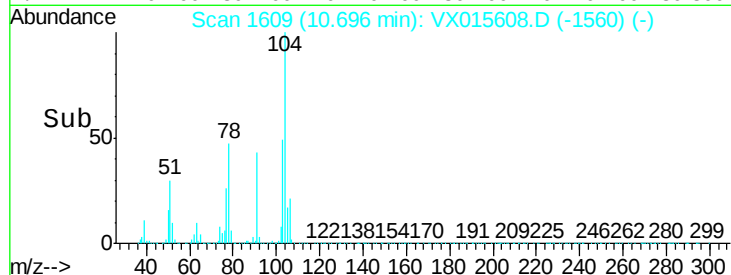
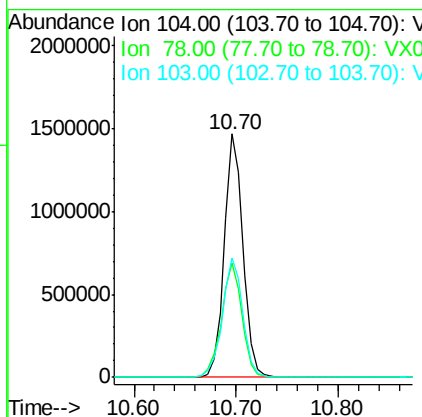
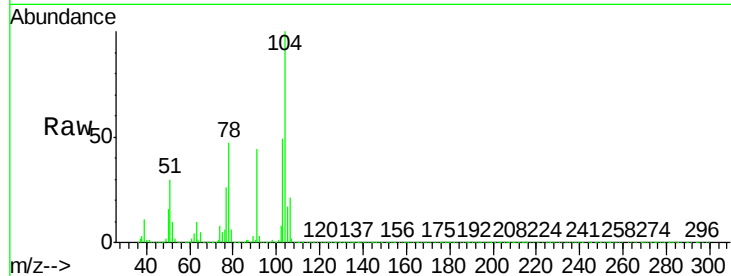
#70
Stvrene
Concen: 47.738 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.3	42.0	63.0
103	53.3	43.4	65.0

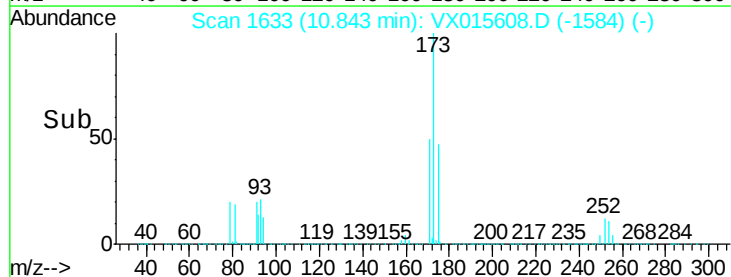
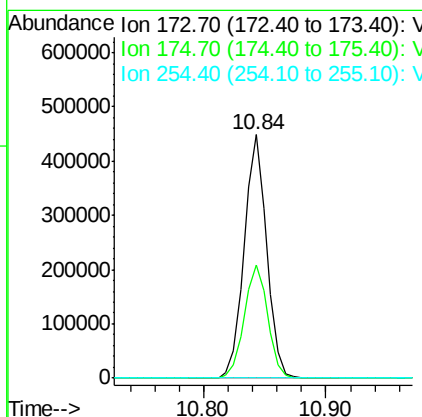
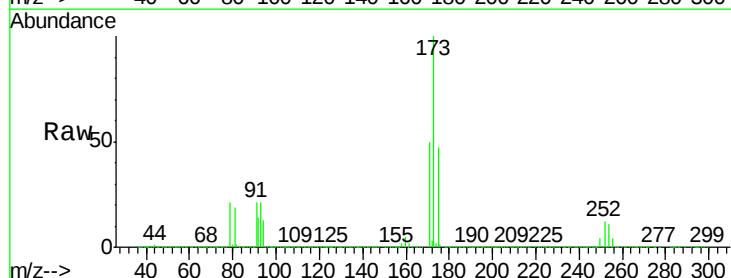
Manual Integrations
APPROVED

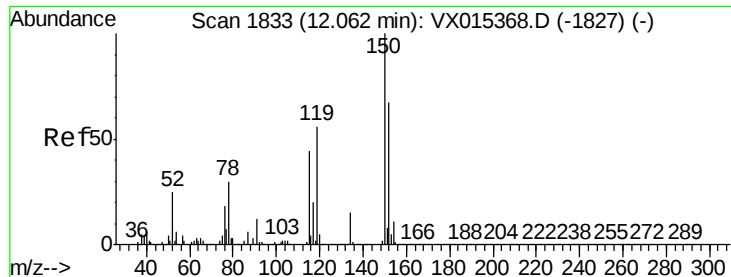
sam
4/10/2020 2:13:01 PM



#71
Bromoform
Concen: 46.066 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.9	71.7
254	0.3	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

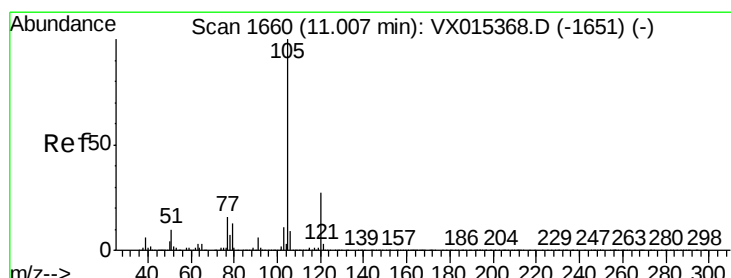
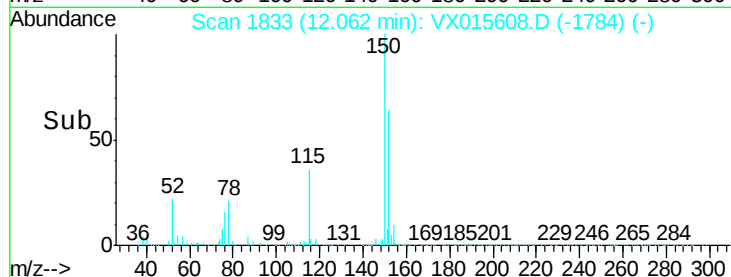
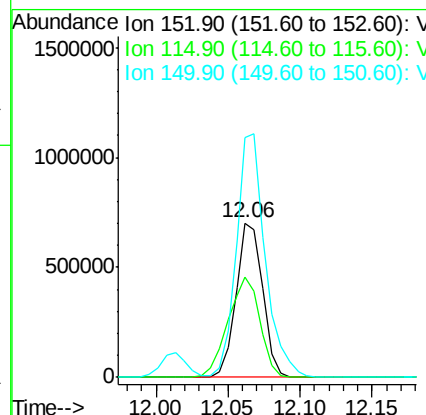
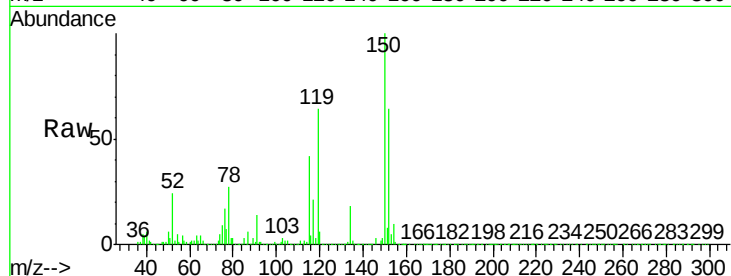
ClientSampled :

MW-1DMSD

Tot Ion:	152	Resp:	907727
Ion Ratio	Lower	Upper	
152	100		
115	77.4	39.0	116.9
150	171.1	0.0	340.8

Manual Integrations
APPROVED

sam
4/10/2020 2:13:01 PM



#73

Isopropylbenzene

Concen: 46.920 ug/l

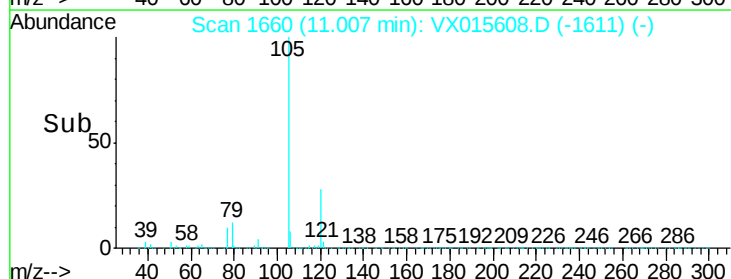
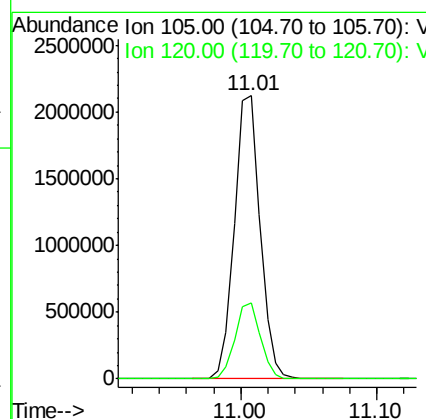
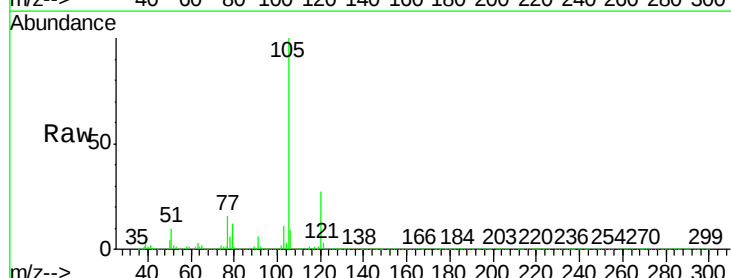
RT: 11.01 min Scan# 1660

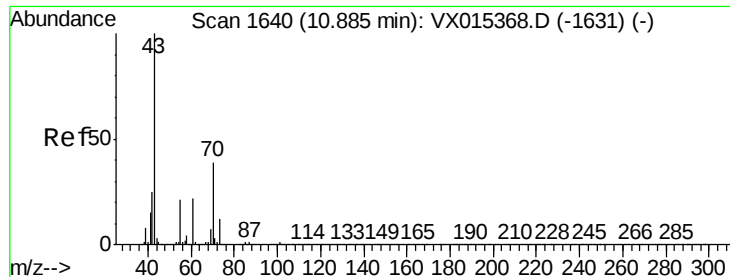
Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tgt Ion:	105	Resp:	2790616
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.2	39.5





#74

N-amvl acetate

Concen: 44.272 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion: 43 Resp: 1464495

Ion Ratio Lower Upper

43 100

70 39.3 30.2 45.4

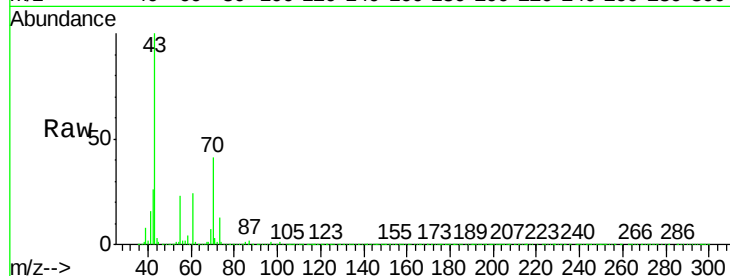
55 22.2 16.8 25.2

61 23.1 18.2 27.2

Manual Integrations
APPROVED

sam

4/10/2020 2:13:01 PM

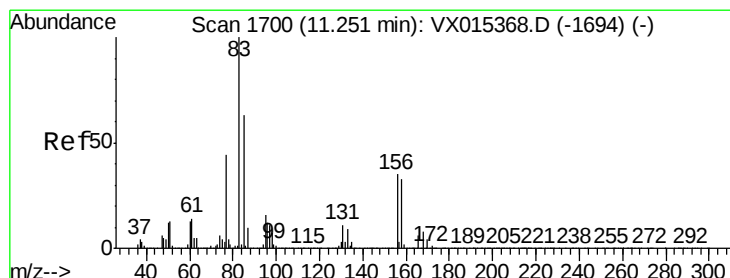
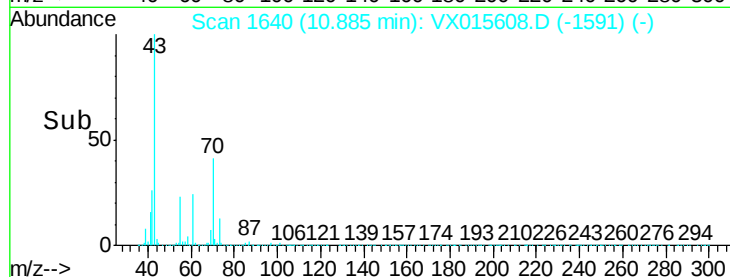
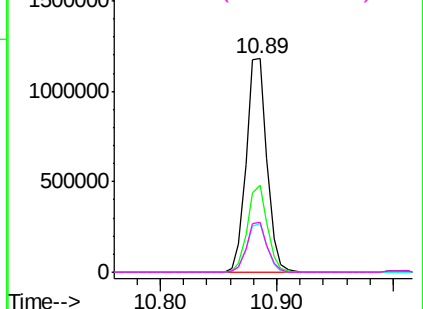


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.412 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

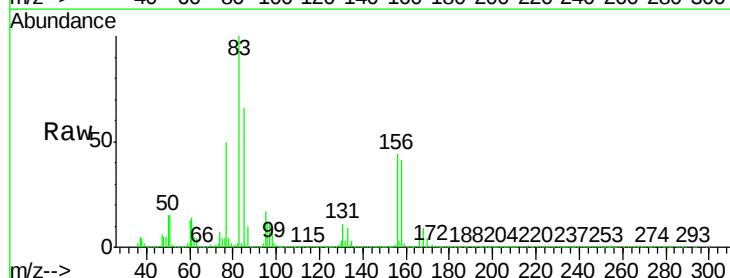
Tgt Ion: 83 Resp: 947203

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

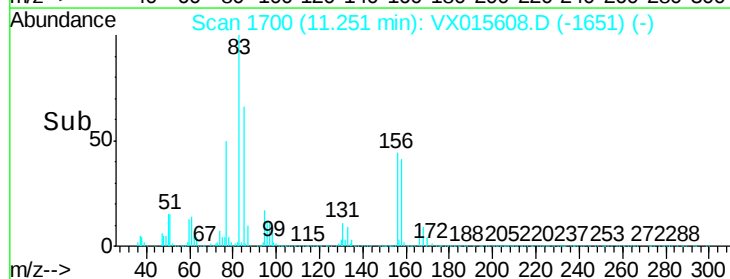
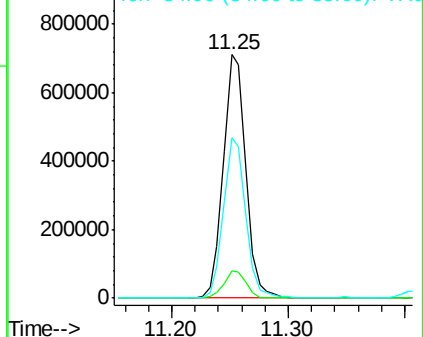
85 65.2 32.0 96.0

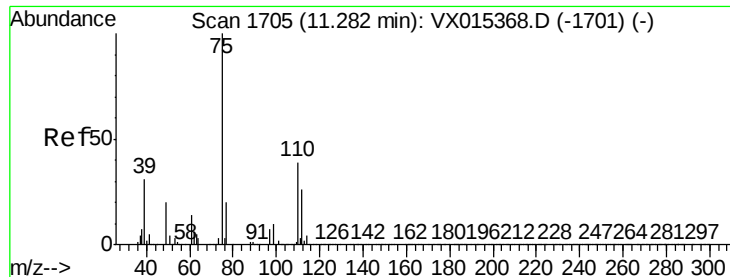


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





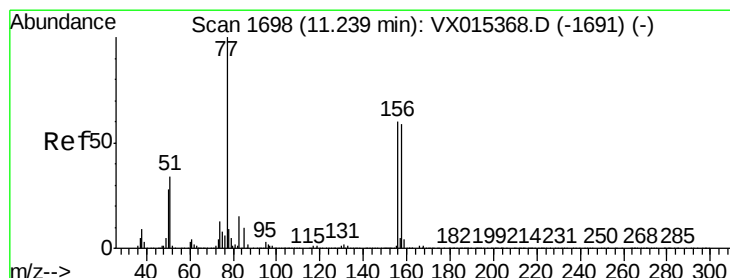
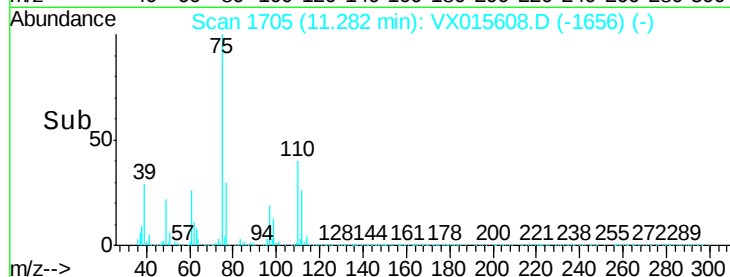
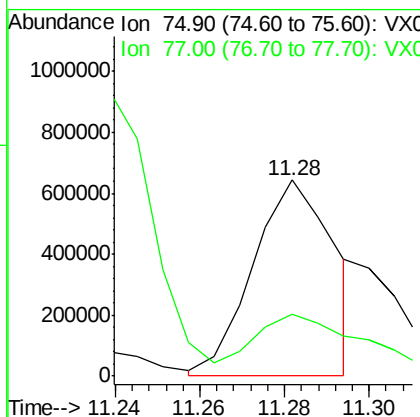
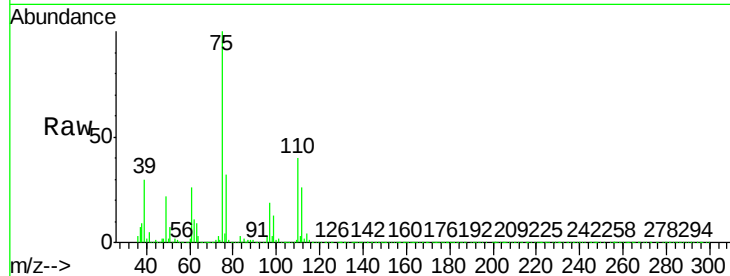
#76
 1,2,3-Trichloropropane
 Concen: 45.790 ug/l m
 RT: 11.28 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion: 75 Resp: 854751
 Ion Ratio Lower Upper
 75 100
 77 42.7 21.2 63.6

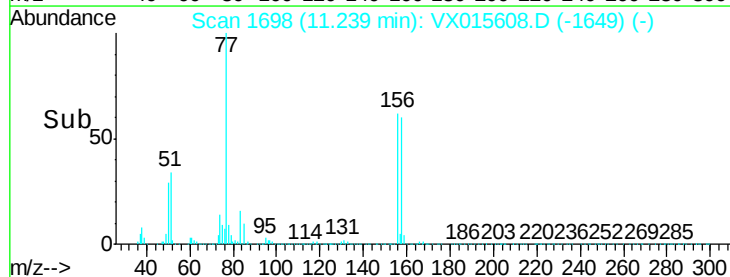
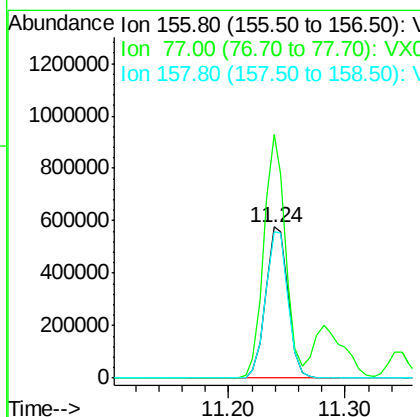
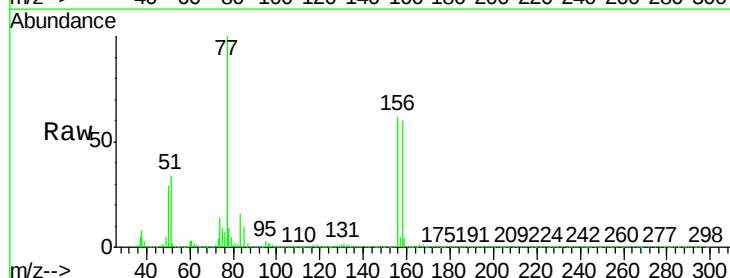
Manual Integrations
 APPROVED

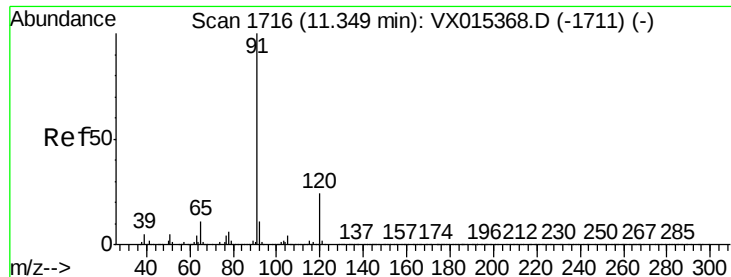
sam
 4/10/2020 2:13:01 PM



#77
 Bromobenzene
 Concen: 48.239 ug/l
 RT: 11.24 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion: 156 Resp: 765296
 Ion Ratio Lower Upper
 156 100
 77 157.1 82.2 246.5
 158 98.1 49.3 147.9





#78

n-propylbenzene

Concen: 46.922 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMSD

Tot Ion: 91 Resp: 3191135

Ion Ratio Lower Upper

91 100

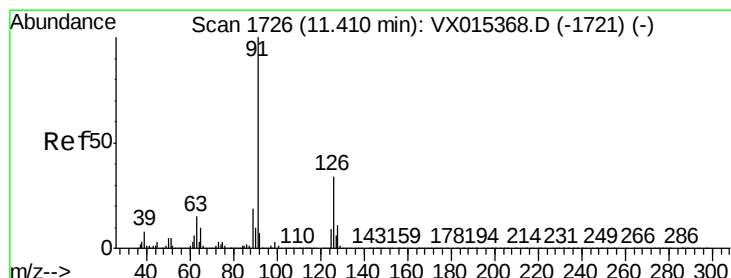
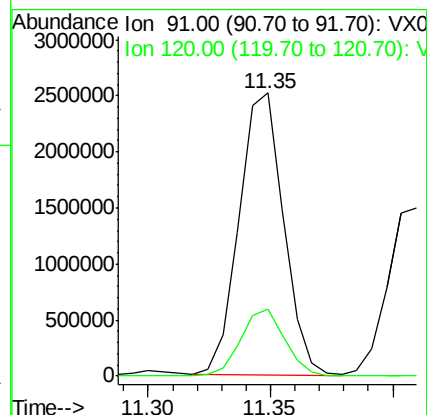
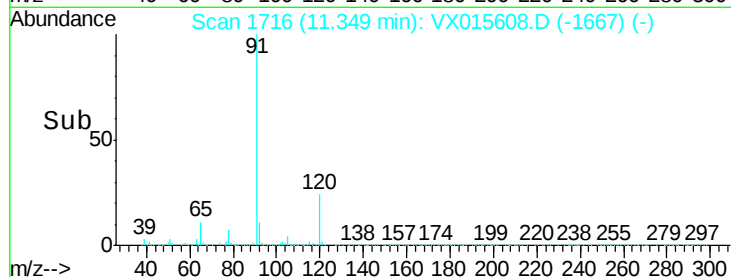
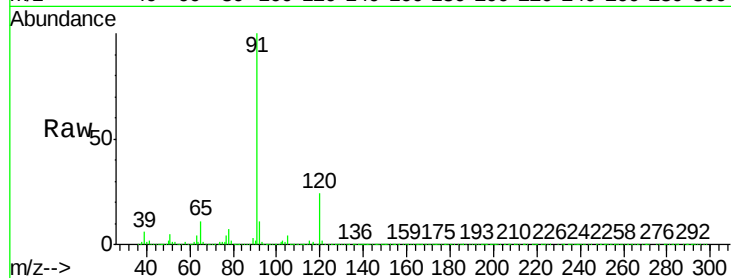
120 23.5 11.7 35.0

Manual Integrations

APPROVED

sam

4/10/2020 2:13:01 PM



#79

2-Chlorotoluene

Concen: 46.235 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015608.D

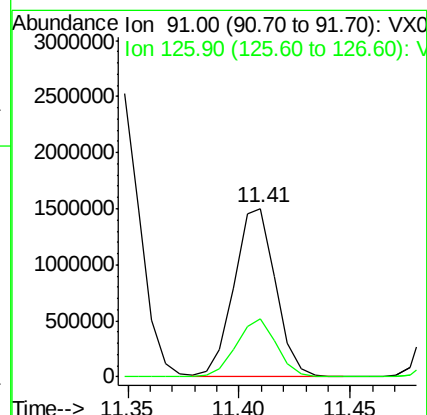
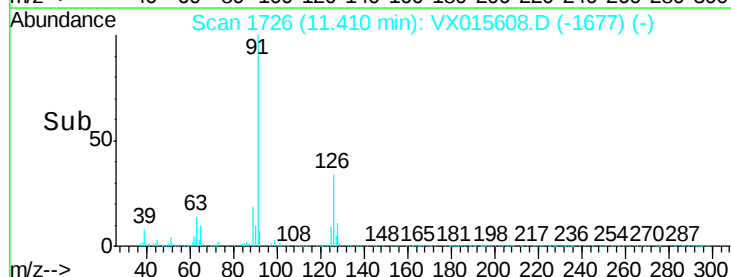
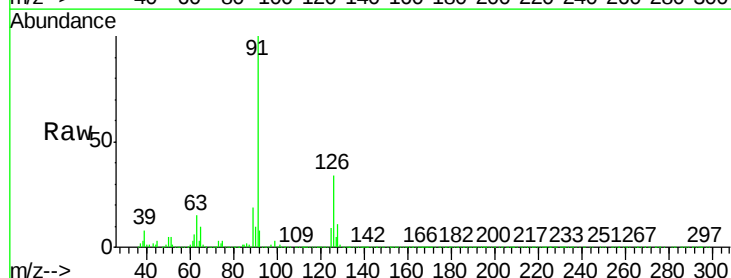
Acq: 09 Apr 2020 19:46

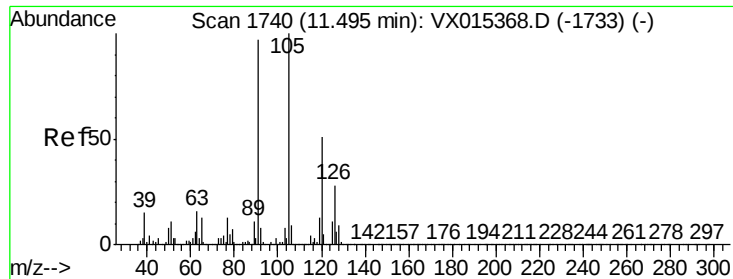
Tgt Ion: 91 Resp: 1927292

Ion Ratio Lower Upper

91 100

126 33.9 16.5 49.5





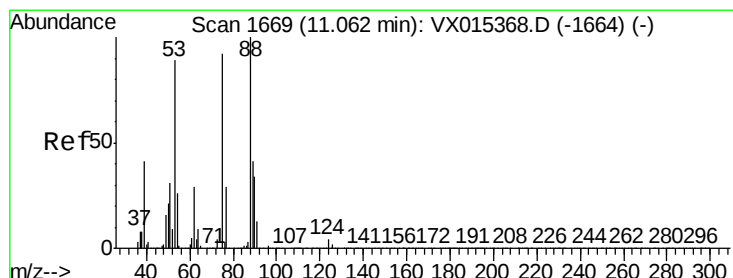
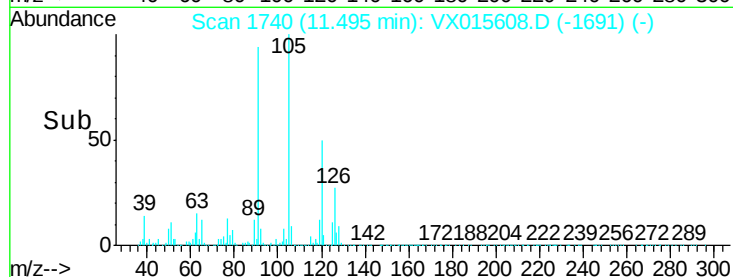
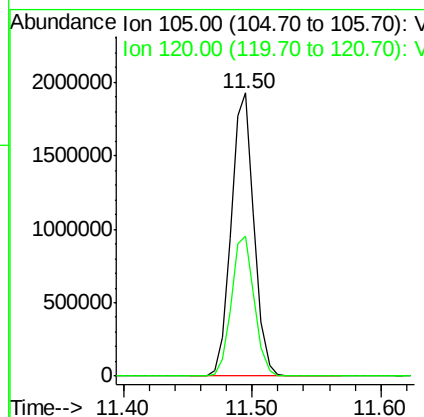
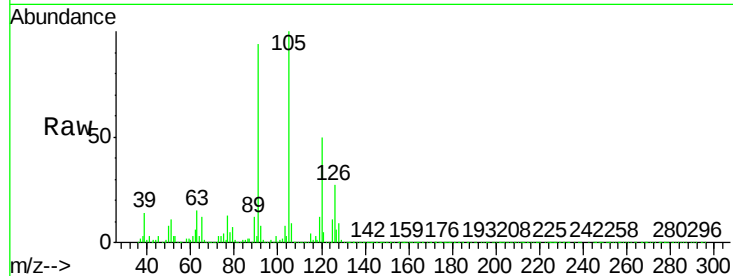
#80
 1,3,5-Trimethylbenzene
 Concen: 46.922 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion:105 Resp: 2383361
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.8 74.4

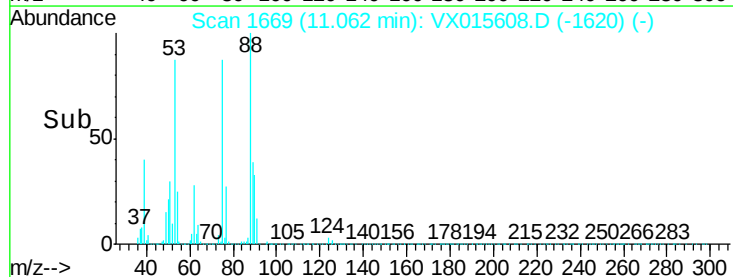
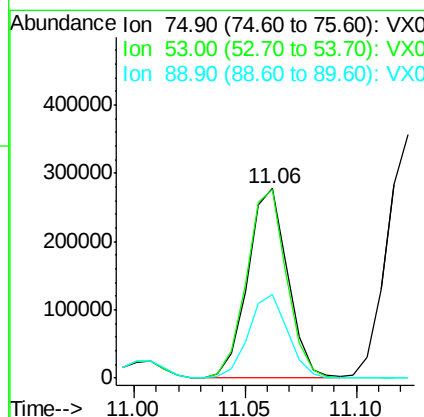
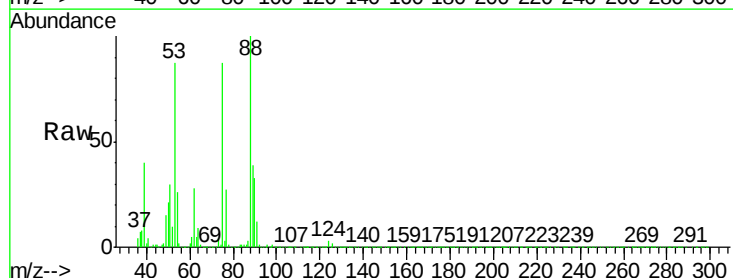
Manual Integrations
 APPROVED

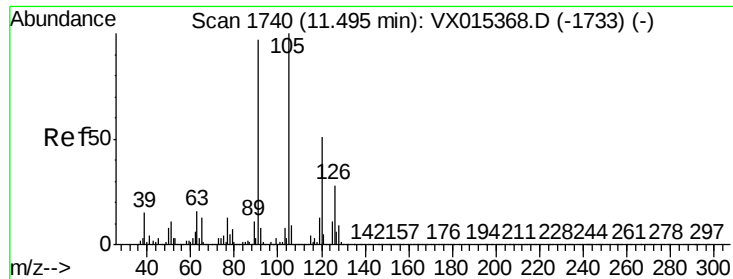
sam
 4/10/2020 2:13:01 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.242 ug/l
 RT: 11.06 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion: 75 Resp: 344181
 Ion Ratio Lower Upper
 75 100
 53 100.4 80.1 120.1
 89 43.6 36.1 54.1





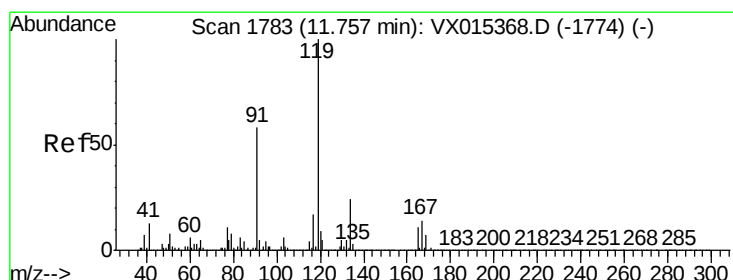
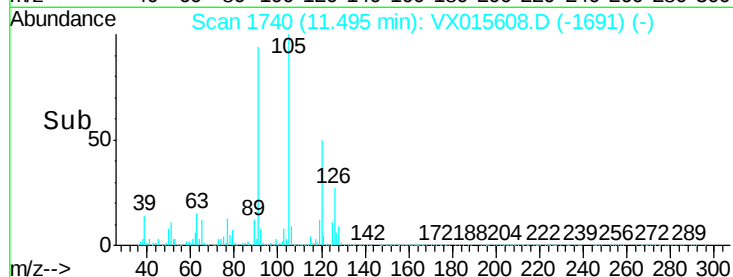
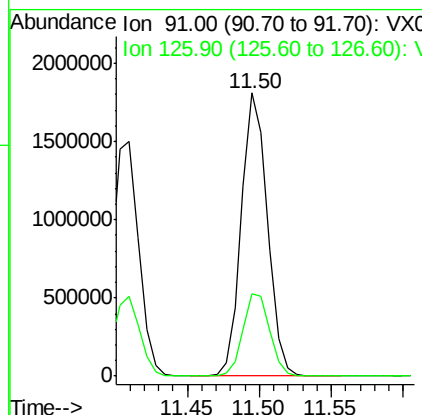
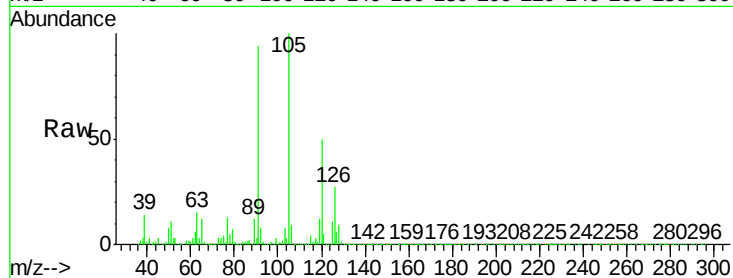
#82
4-Chlorotoluene
Concen: 46.589 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion: 91 Resp: 2276675
Ion Ratio Lower Upper
91 100
126 30.0 14.7 44.1

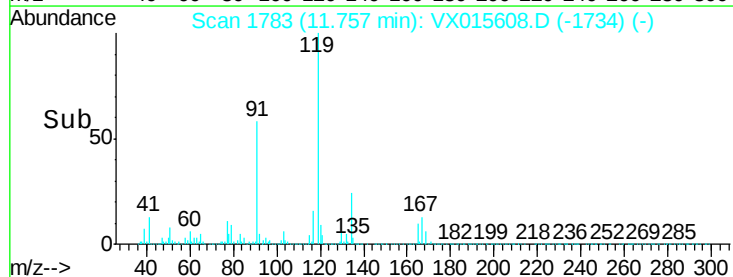
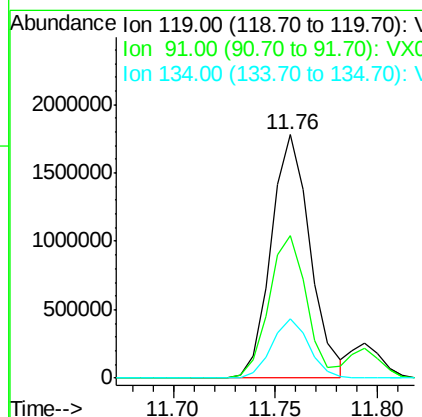
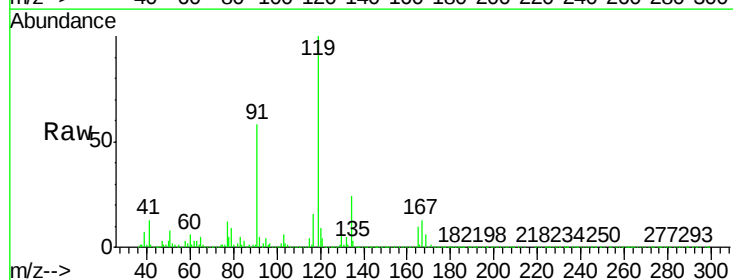
Manual Integrations
APPROVED

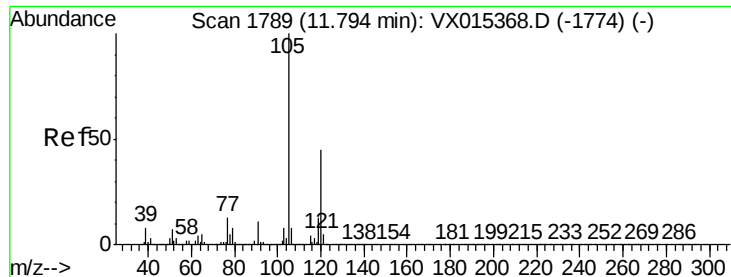
sam
4/10/2020 2:13:01 PM



#83
tert-Butylbenzene
Concen: 47.781 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion: 119 Resp: 2370660
Ion Ratio Lower Upper
119 100
91 57.3 28.6 85.8
134 23.2 11.8 35.3





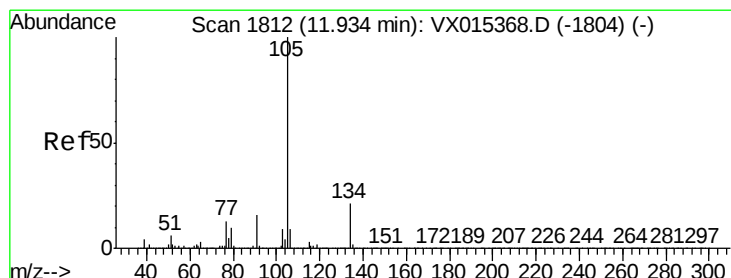
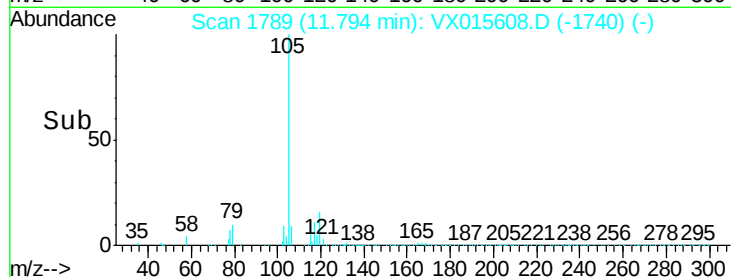
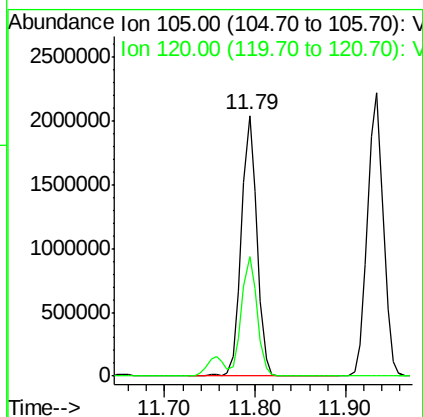
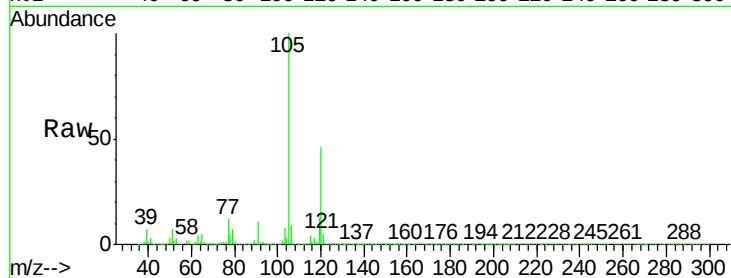
#84
 1,2,4-Trimethylbenzene
 Concen: 46.865 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion:105 Resp: 2425825
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.7 68.1

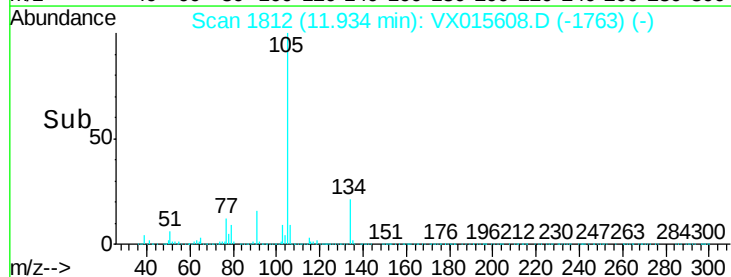
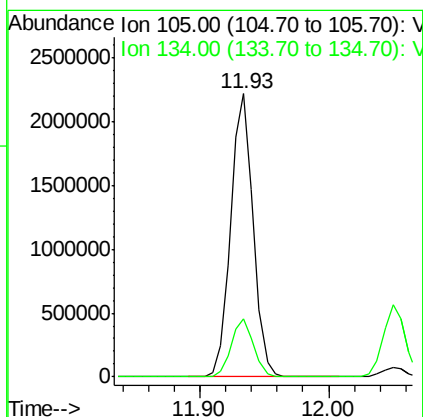
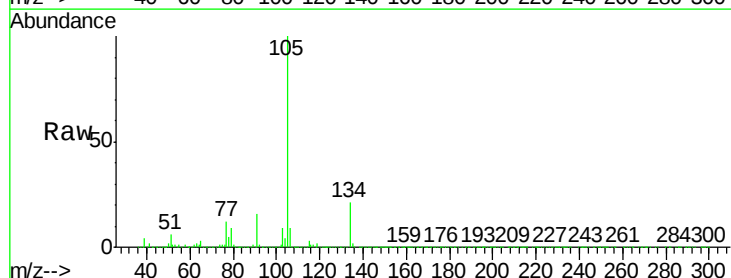
Manual Integrations
 APPROVED

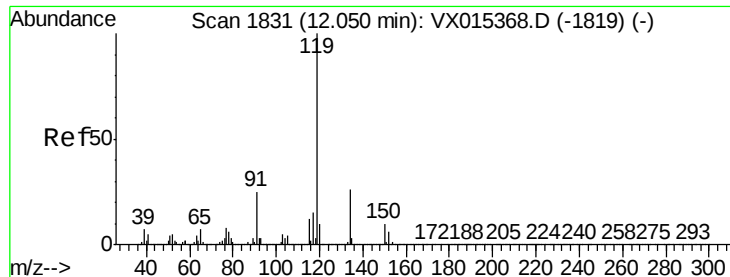
sam
 4/10/2020 2:13:01 PM



#85
 sec-Butylbenzene
 Concen: 47.136 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion:105 Resp: 2704732
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1





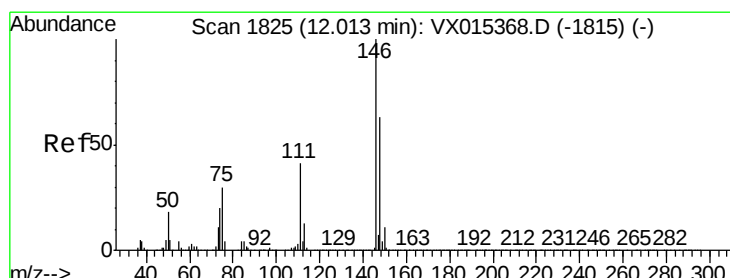
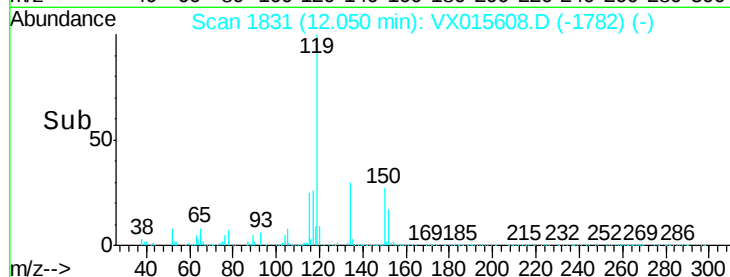
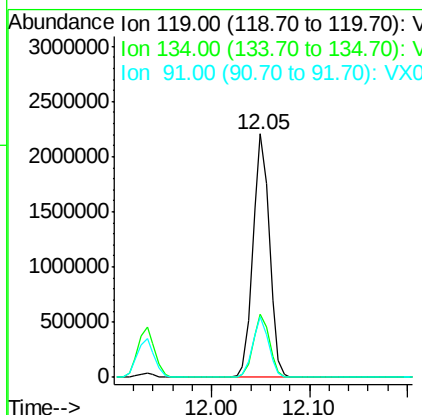
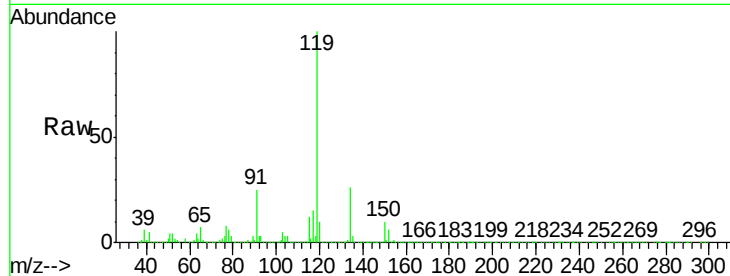
#86
p-Isopropyltoluene
Concen: 48.277 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampled :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.3
91	24.1	12.4	37.4

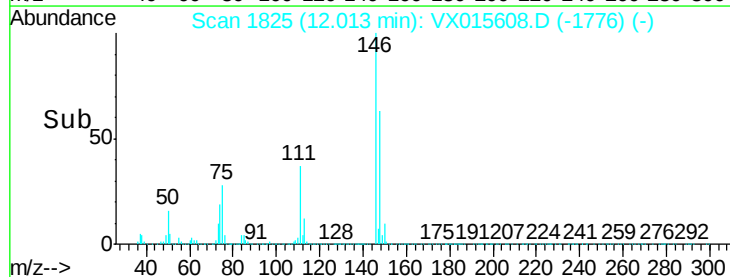
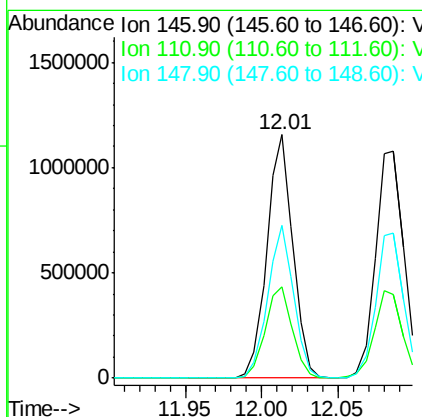
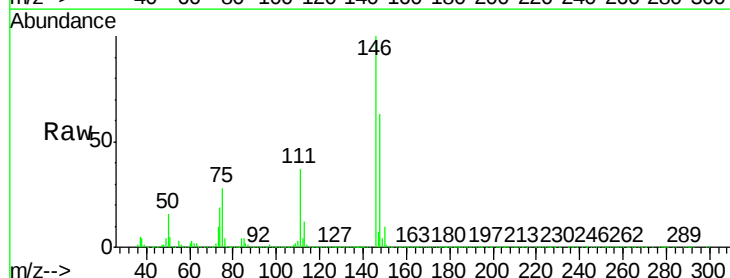
Manual Integrations
APPROVED

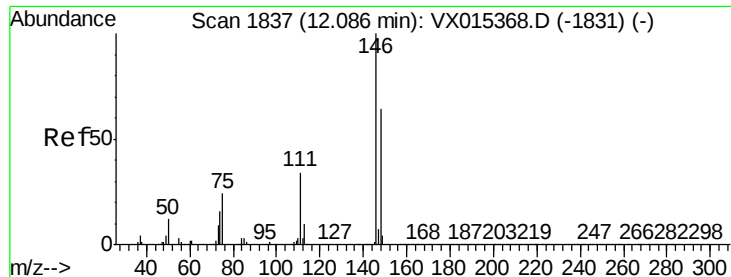
sam
4/10/2020 2:13:01 PM



#87
1,3-Dichlorobenzene
Concen: 48.316 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.3	60.9
148	62.5	31.3	93.9





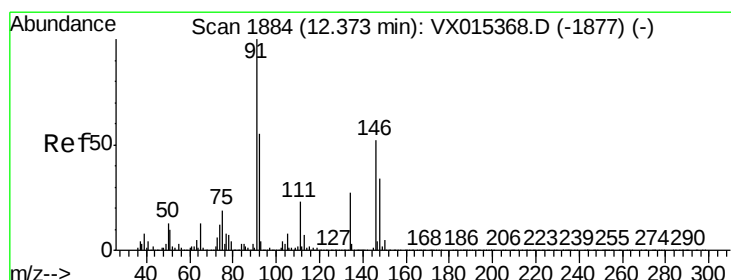
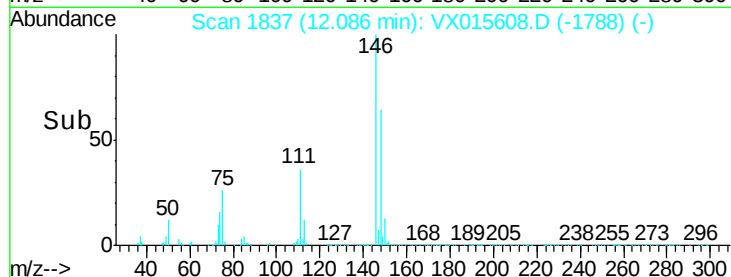
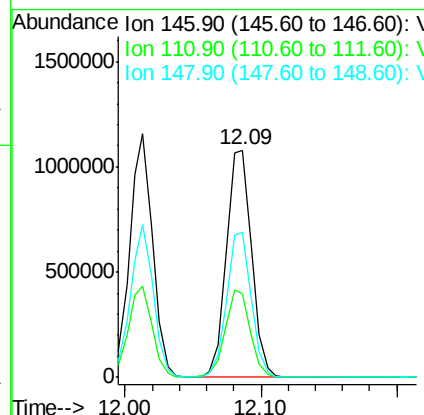
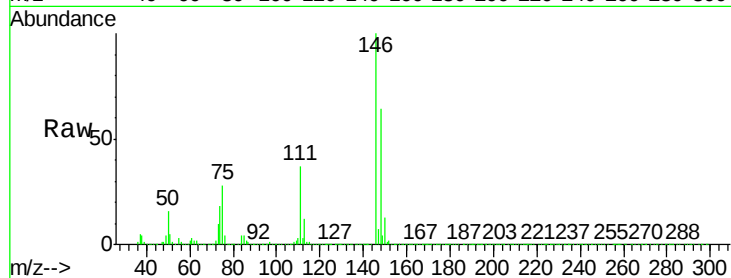
#88
 1,4-Dichlorobenzene
 Concen: 47.737 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion:146 Resp: 1380983
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 62.5 32.4 97.2

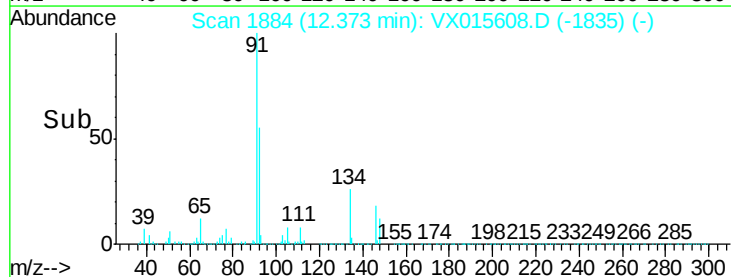
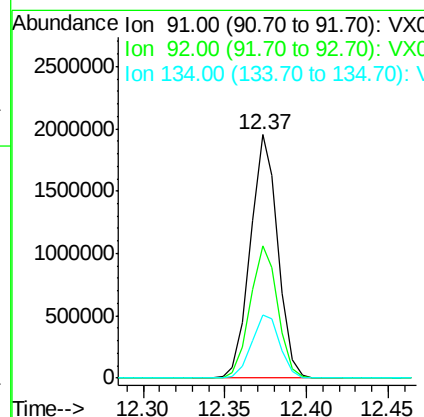
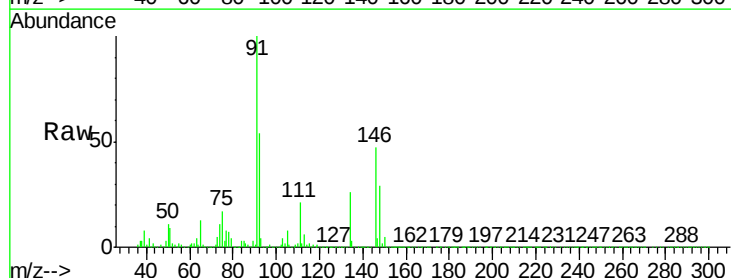
Manual Integrations
 APPROVED

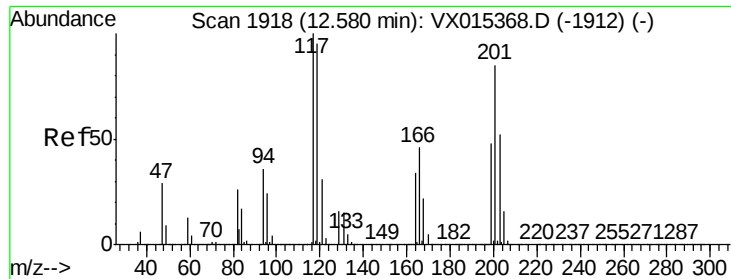
sam
 4/10/2020 2:13:01 PM



#89
 n-Butylbenzene
 Concen: 47.375 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion: 91 Resp: 2280597
 Ion Ratio Lower Upper
 91 100
 92 54.7 27.2 81.5
 134 26.8 13.4 40.2





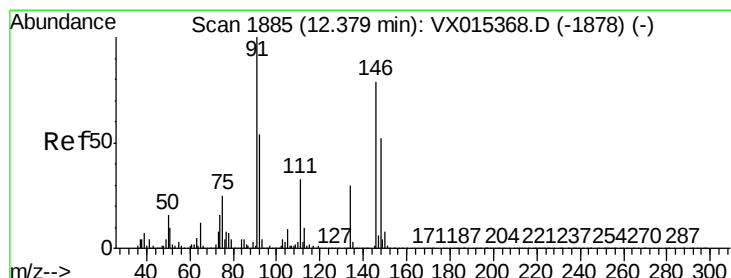
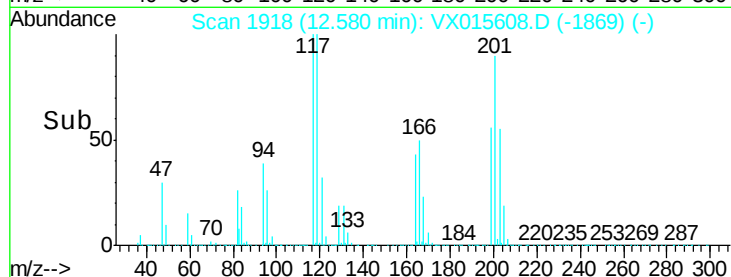
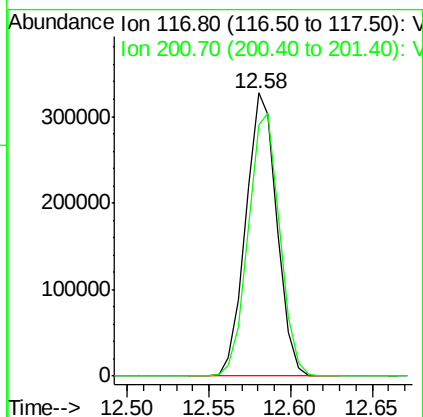
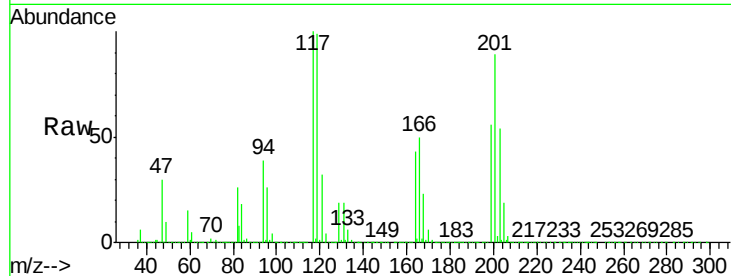
#90
Hexachloroethane
Concen: 41.831 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMSD

Tot Ion:117 Resp: 433723
Ion Ratio Lower Upper
117 100
201 94.0 42.6 128.0

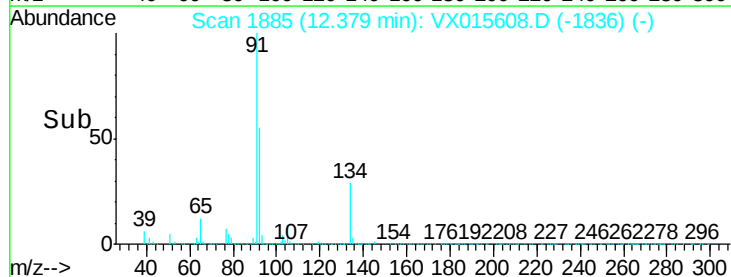
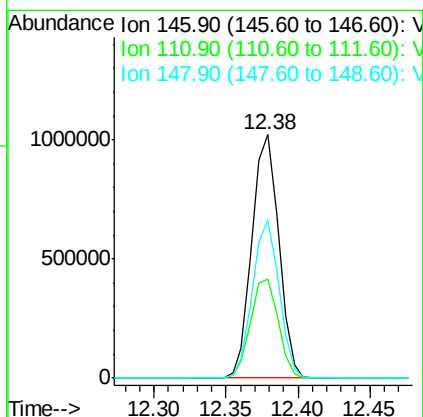
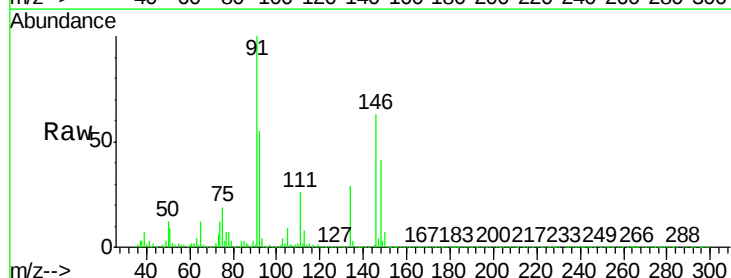
Manual Integrations
APPROVED

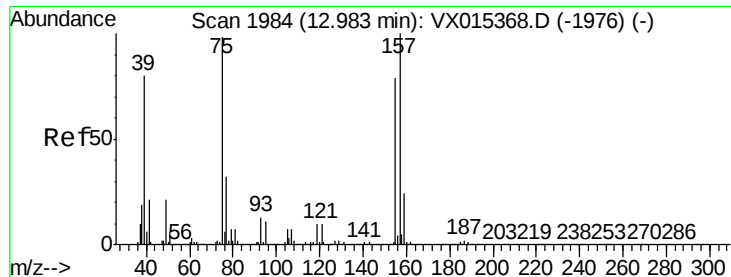
sam
4/10/2020 2:13:01 PM



#91
1,2-Dichlorobenzene
Concen: 47.283 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015608.D
Acq: 09 Apr 2020 19:46

Tgt Ion:146 Resp: 1314183
Ion Ratio Lower Upper
146 100
111 41.9 21.0 63.0
148 64.3 32.4 97.0





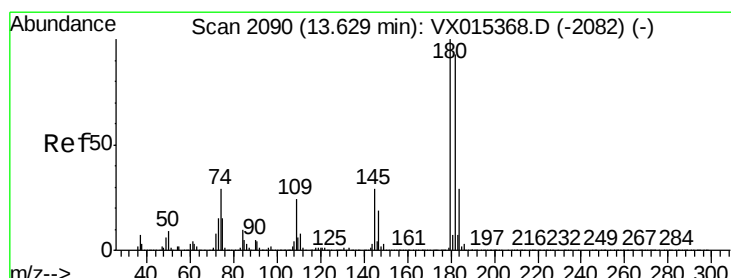
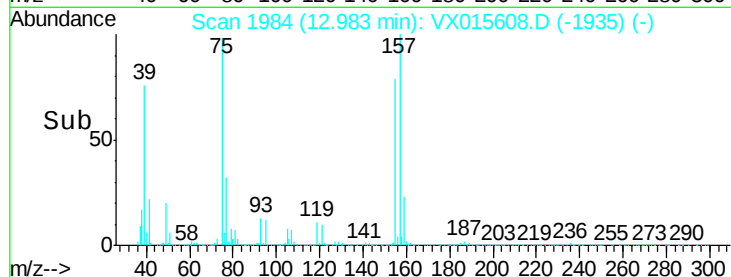
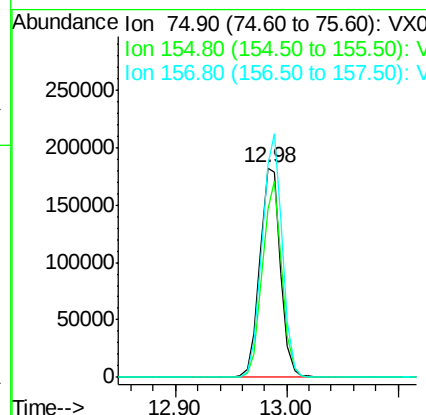
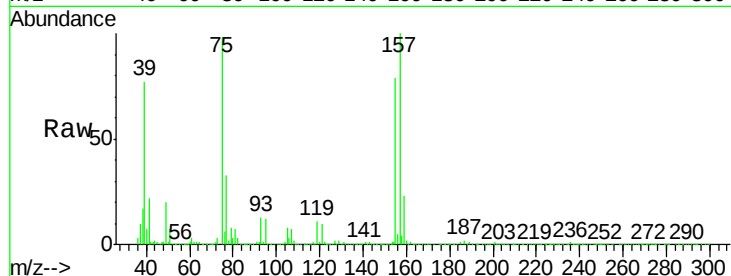
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.785 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	88.8	42.8	128.4
157	113.8	53.4	160.3

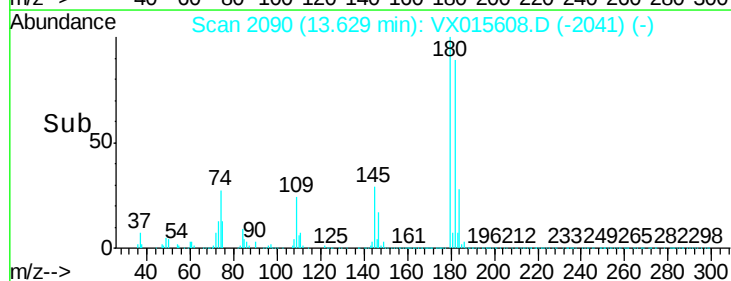
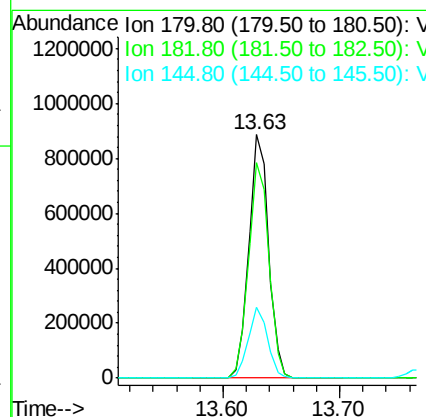
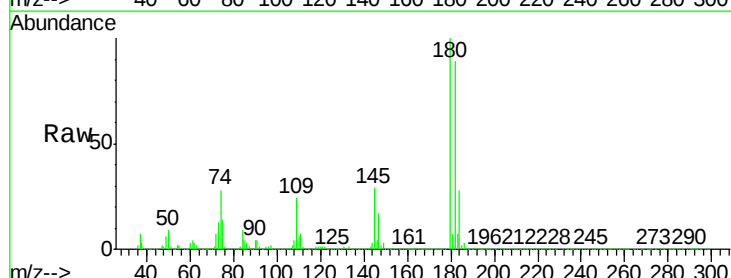
Manual Integrations
 APPROVED

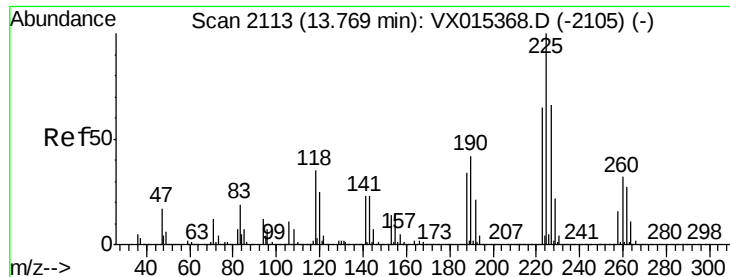
sam
 4/10/2020 2:13:01 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.819 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	46.9	140.7
145	28.6	14.9	44.5





#94

Hexachlorobutadiene

Concen: 41.718 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Instrument :

MSVOA_X

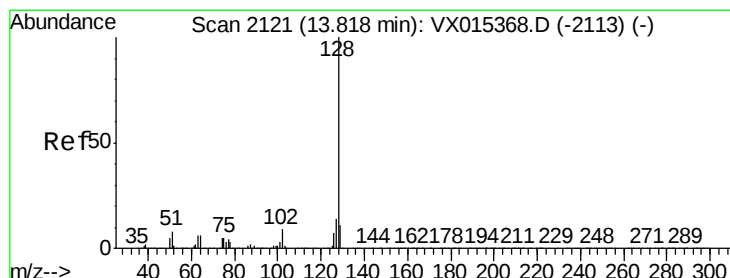
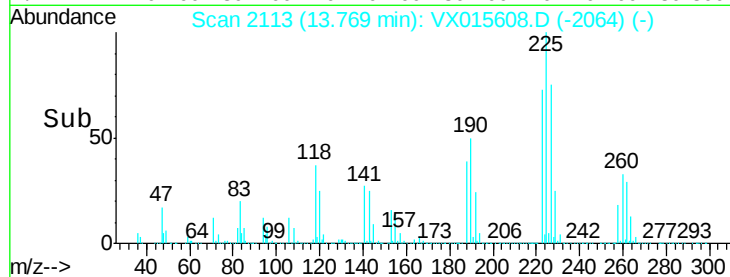
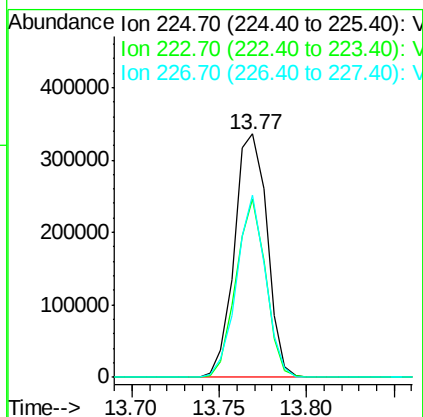
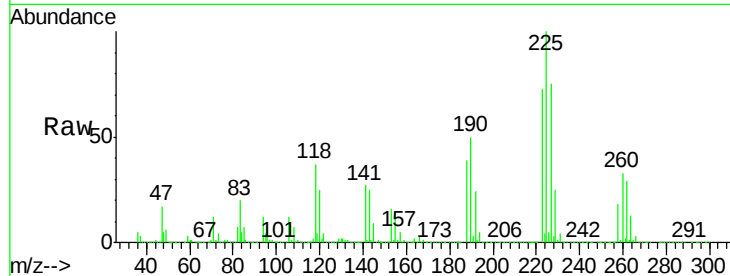
ClientSampled :

MW-1DMSD

Tot Ion:	225	Resp:	436670
Ion Ratio		Lower	Upper
225	100		
223	66.3	31.9	95.7
227	66.4	30.4	91.3

Manual Integrations
APPROVED

sam
4/10/2020 2:13:01 PM



#95

Naphthalene

Concen: 47.006 ug/l

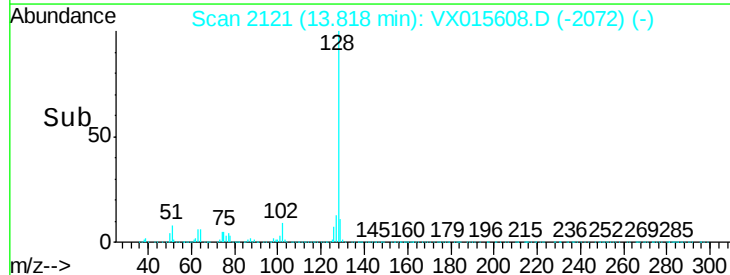
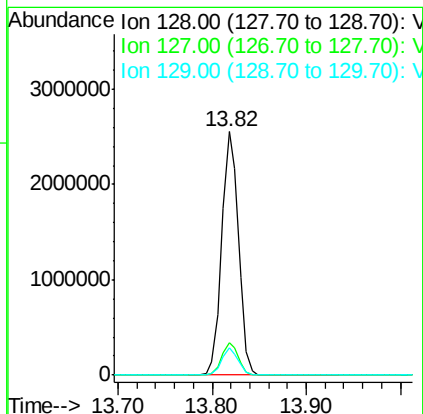
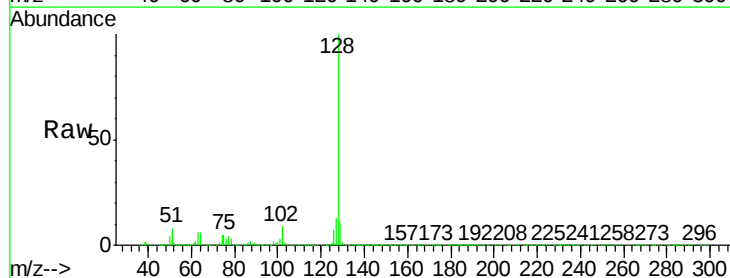
RT: 13.82 min Scan# 2121

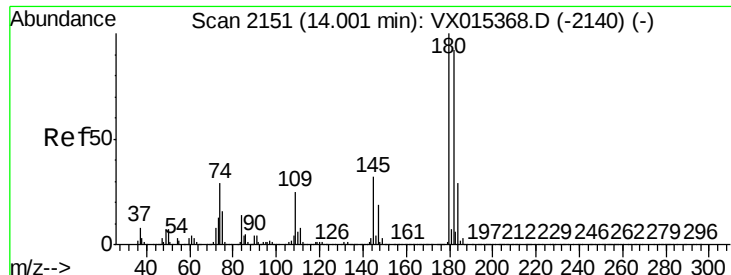
Delta R.T. 0.00 min

Lab File: VX015608.D

Acq: 09 Apr 2020 19:46

Tgt Ion:	128	Resp:	3152249
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.494 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: VX015608.D
 Acq: 09 Apr 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.7	140.0
145	30.0	15.8	47.3

Manual Integrations
 APPROVED

sam
 4/10/2020 2:13:01 PM

