

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017647.D
 Acq On : 28 Jul 2020 12:52
 Operator : JC/SP
 Sample : VX0728WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 10:49:38 AM

Quant Time: Jul 29 03:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	593543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	877577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	844907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	460354	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	373057	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.46	113	282999	48.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.70	98	1013808	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.12	95	402478	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	104259	18.287	ug/l 99
3) Chloromethane	1.31	50	116196	16.088	ug/l 99
4) Vinyl Chloride	1.39	62	115172	15.420	ug/l 98
5) Bromomethane	1.63	94	82087	18.531	ug/l 95
6) Chloroethane	1.71	64	69614	16.389	ug/l 99
7) Trichlorofluoromethane	1.92	101	191611	16.310	ug/l 99
8) Diethyl Ether	2.17	74	64326	15.962	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103822	16.104	ug/l 98
10) Methyl Iodide	2.49	142	123467	14.970	ug/l 96
11) Tert butyl alcohol	3.01	59	124118	77.241	ug/l 100
12) 1,1-Dichloroethene	2.36	96	96415	15.727	ug/l 99
13) Acrolein	2.27	56	122381	102.246	ug/l 100
14) Allyl chloride	2.71	41	186708	16.679	ug/l 99
15) Acrylonitrile	3.11	53	290815	83.792	ug/l 99
16) Acetone	2.42	43	256042	76.300	ug/l 97
17) Carbon Disulfide	2.55	76	289849	15.555	ug/l 99
18) Methyl Acetate	2.75	43	132620	16.780	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	363798	17.145	ug/l 99
20) Methylene Chloride	2.83	84	116684	17.631	ug/l 95
21) trans-1,2-Dichloroethene	3.14	96	113385	17.264	ug/l 96
22) Diisopropyl ether	3.82	45	363754	17.771	ug/l 92
23) Vinyl Acetate	3.78	43	1608084	88.113	ug/l 99
24) 1,1-Dichloroethane	3.67	63	205817	17.455	ug/l 98
25) 2-Butanone	4.63	43	410037	86.013	ug/l 98
26) 2,2-Dichloropropane	4.55	77	188867	17.894	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	125140	17.543	ug/l 100
28) Bromochloromethane	4.98	49	102048	19.099	ug/l 98
29) Tetrahydrofuran	5.09	42	259344	87.827	ug/l 100
30) Chloroform	5.17	83	214828	17.831	ug/l 96
31) Cyclohexane	5.54	56	170521	18.135	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	201280	17.717	ug/l 98
36) 1,1-Dichloropropene	5.77	75	155731	18.503	ug/l 99
37) Ethyl Acetate	4.79	43	161237	17.508	ug/l 99
38) Carbon Tetrachloride	5.75	117	182153	17.821	ug/l 94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017647.D
 Acq On : 28 Jul 2020 12:52
 Operator : JC/SP
 Sample : VX0728WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0728WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 10:49:38 AM

Quant Time: Jul 29 03:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	175079	17.819	ug/l	97
40) Benzene	6.11	78	443215	18.367	ug/l	99
41) Methacrylonitrile	5.00	41	88430	16.752	ug/l	96
42) 1,2-Dichloroethane	6.16	62	181373	18.373	ug/l	98
43) Isopropyl Acetate	6.41	43	266969	17.570	ug/l	99
44) Trichloroethene	7.19	130	136843	19.405	ug/l	93
45) 1,2-Dichloropropane	7.49	63	120417	18.001	ug/l	100
46) Dibromomethane	7.63	93	84141	17.798	ug/l	99
47) Bromodichloromethane	7.87	83	176536	18.559	ug/l	96
48) Methyl methacrylate	7.74	41	132189	17.551	ug/l	99
49) 1,4-Dioxane	7.71	88	50163	347.380	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	820816	90.537	ug/l	100
52) Toluene	8.76	92	284256	18.368	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	194023	18.221	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	202479	18.643	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	122775	19.045	ug/l	97
56) Ethyl methacrylate	9.16	69	178342	18.362	ug/l	100
57) 1,3-Dichloropropane	9.35	76	199931	18.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	451808	88.297	ug/l	100
59) 2-Hexanone	9.47	43	616669	90.345	ug/l	99
60) Dibromochloromethane	9.56	129	147295	17.976	ug/l	100
61) 1,2-Dibromoethane	9.65	107	132274	19.272	ug/l	98
64) Tetrachloroethene	9.32	164	138286	18.236	ug/l	96
65) Chlorobenzene	10.12	112	322373	17.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	131782	17.854	ug/l	99
67) Ethyl Benzene	10.23	91	553650	18.136	ug/l	96
68) m/p-Xylenes	10.34	106	417233	35.280	ug/l	95
69) o-Xylene	10.68	106	208798	18.357	ug/l	94
70) Styrene	10.70	104	343095	17.729	ug/l	99
71) Bromoform	10.84	173	114311	17.876	ug/l #	98
73) Isopropylbenzene	11.00	105	558260	17.677	ug/l	100
74) N-amyl acetate	10.88	43	235158	16.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	167921	17.035	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	167498m	17.688	ug/l	
77) Bromobenzene	11.24	156	150107	16.978	ug/l	98
78) n-propylbenzene	11.34	91	635378	17.838	ug/l	100
79) 2-Chlorotoluene	11.40	91	384257	17.415	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	476461	17.670	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	61541	16.375	ug/l	94
82) 4-Chlorotoluene	11.49	91	461194	17.720	ug/l	99
83) tert-Butylbenzene	11.76	119	452695	17.546	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	488397	18.211	ug/l	100
85) sec-Butylbenzene	11.93	105	536877	17.862	ug/l	99
86) p-Isopropyltoluene	12.05	119	519919	18.165	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	272361	17.939	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	276175	17.561	ug/l	98
89) n-Butylbenzene	12.37	91	445893	17.483	ug/l	98
90) Hexachloroethane	12.58	117	95156	16.863	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	260597	17.464	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	39513	16.020	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
Data File : VX017647.D
Acq On : 28 Jul 2020 12:52
Operator : JC/SP
Sample : VX0728WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM

Quant Time: Jul 29 03:12:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	178209	17.499	ug/l	99
94) Hexachlorobutadiene	13.76	225	79439	16.946	ug/l	99
95) Naphthalene	13.82	128	535831	17.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	175888	17.492	ug/l	99

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

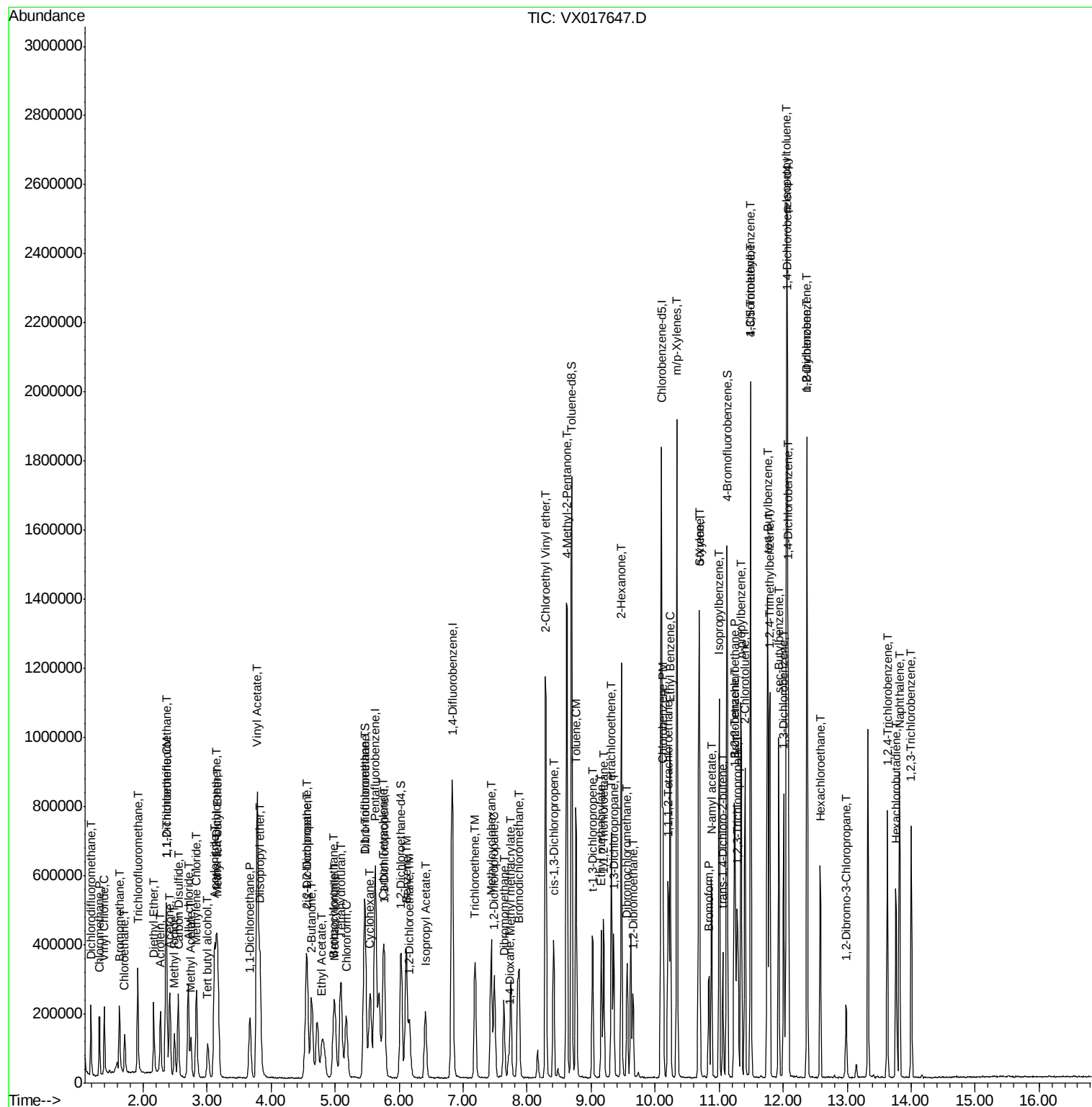
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
Data File : VX017647.D
Acq On : 28 Jul 2020 12:52
Operator : JC/SP
Sample : VX0728WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

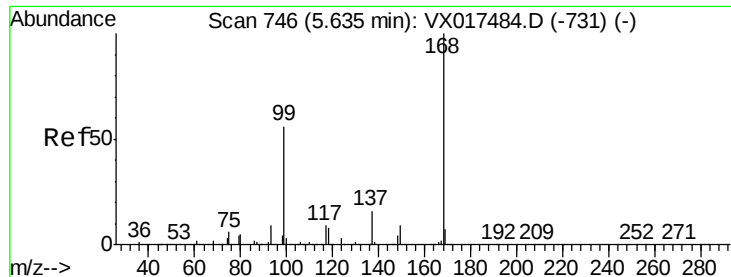
Instrument :
MSVOA_X
ClientSampleID :
VX0728WBSD01

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM

Quant Time: Jul 29 03:12:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion:168 Resp: 593543

Ion Ratio Lower Upper

168 100

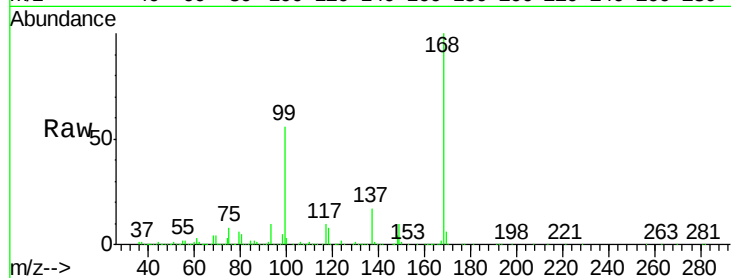
99 55.9 43.4 65.2

Manual Integrations

APPROVED

MMDadoda

7/29/2020 10:49:38 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

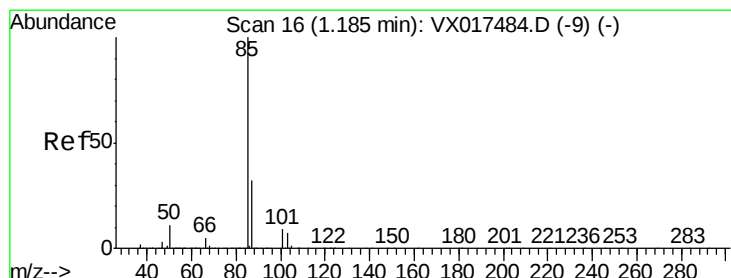
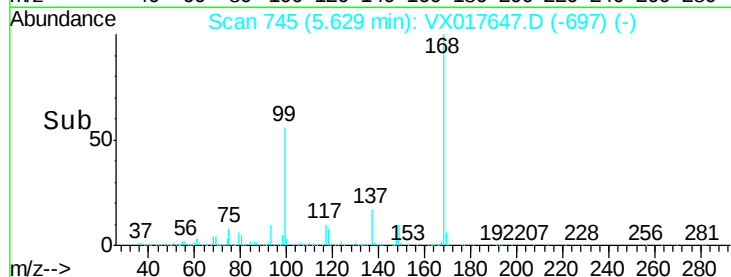
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.287 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017647.D

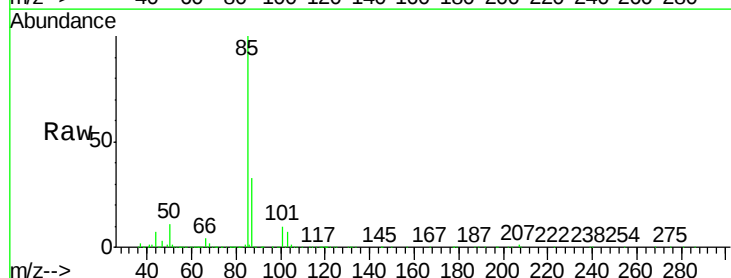
Acq: 28 Jul 2020 12:52

Tgt Ion: 85 Resp: 104259

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

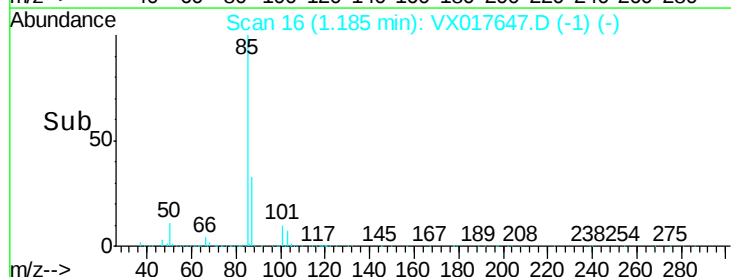
1.18

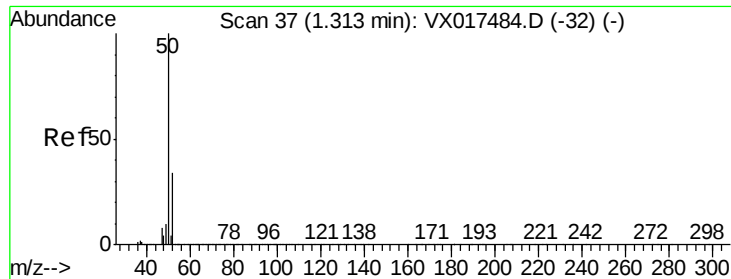
100000

50000

0

Time-->





#3

Chloromethane

Concen: 16.088 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 50 Resp: 116196

Ion Ratio Lower Upper

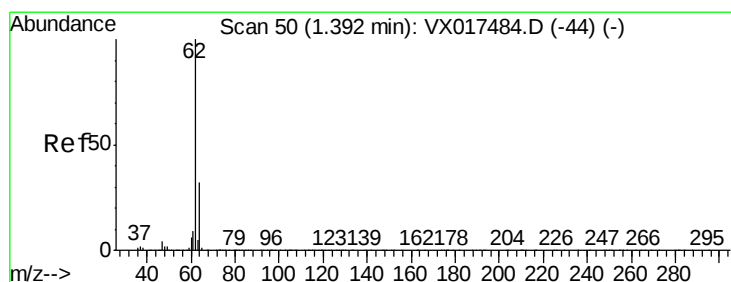
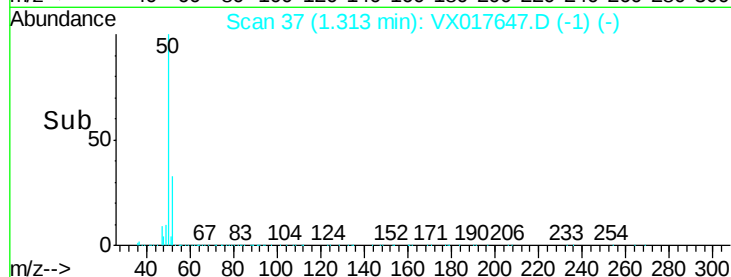
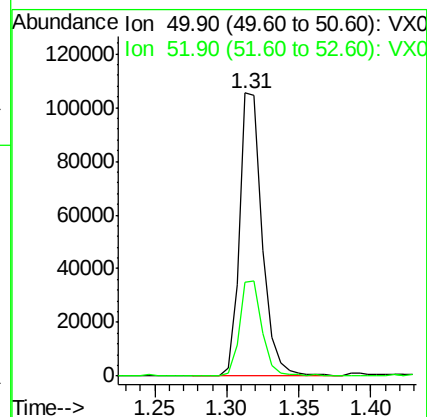
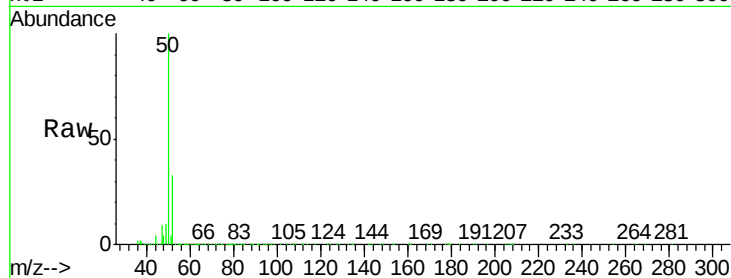
50 100

52 32.9 25.9 38.9

Manual Integrations
APPROVED

MMDadoda

7/29/2020 10:49:38 AM



#4

Vinyl Chloride

Concen: 15.420 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017647.D

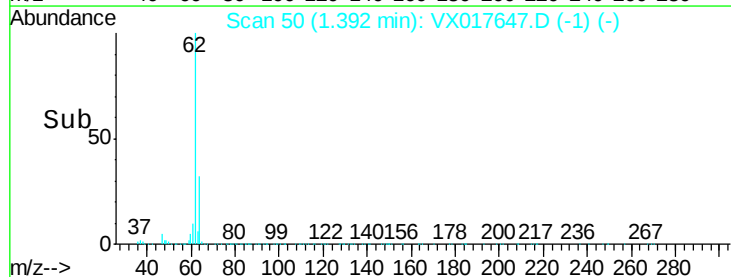
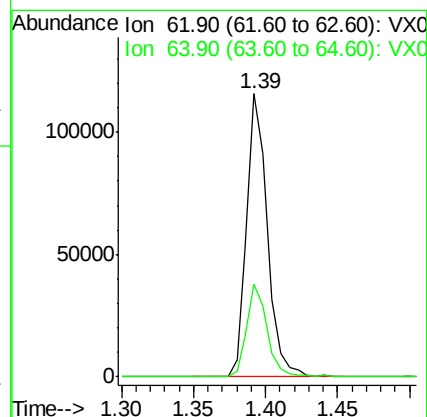
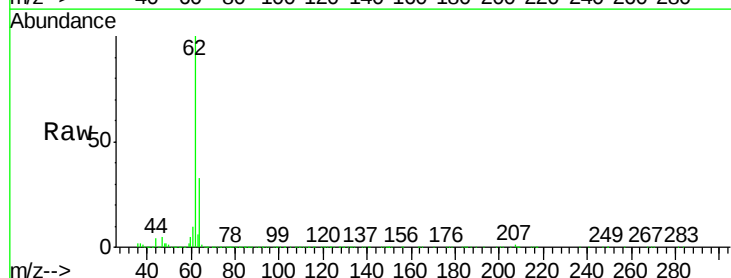
Acq: 28 Jul 2020 12:52

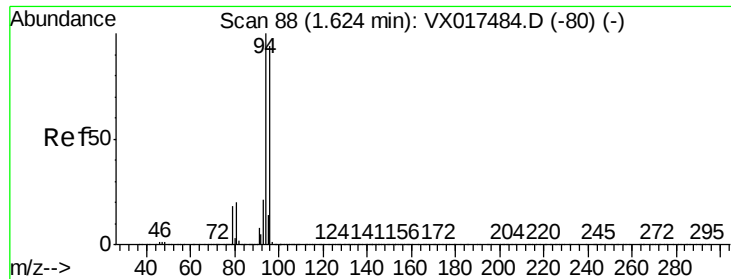
Tgt Ion: 62 Resp: 115172

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 18.531 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 94 Resp: 82087

Ion Ratio Lower Upper

94 100

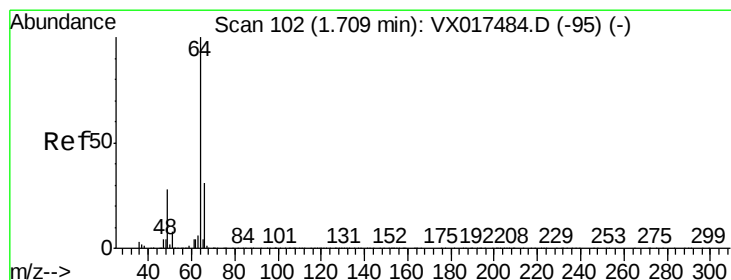
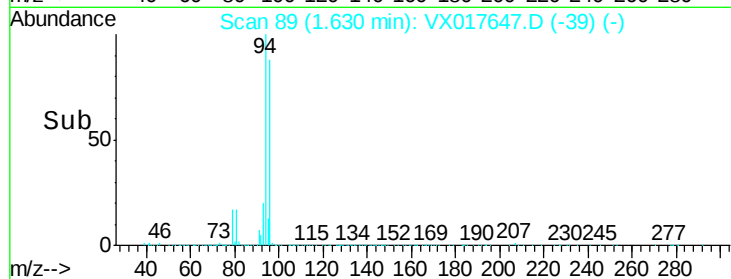
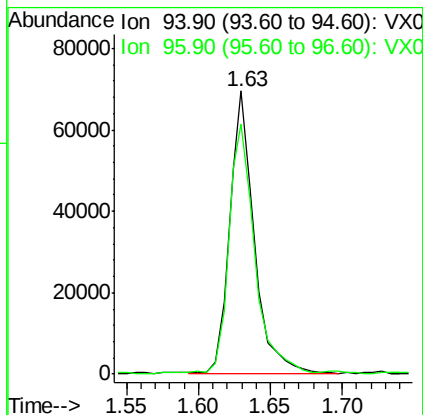
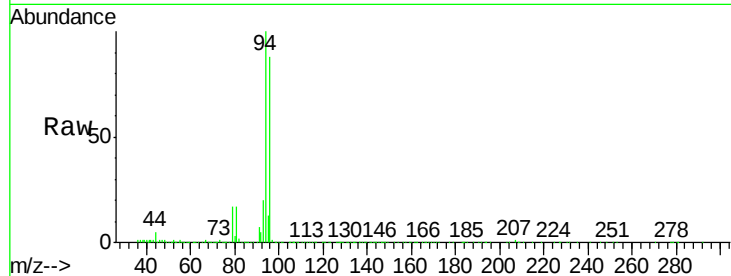
96 88.0 74.1 111.1

Manual Integrations

APPROVED

MMDadoda

7/29/2020 10:49:38 AM



#6

Chloroethane

Concen: 16.389 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017647.D

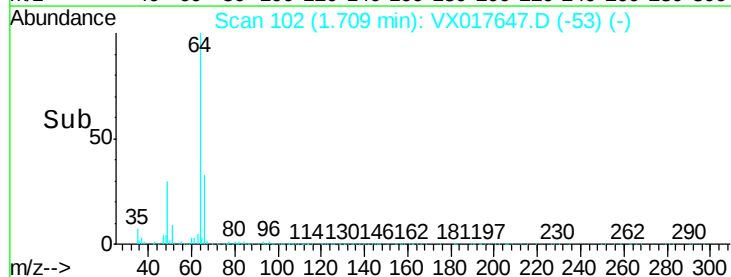
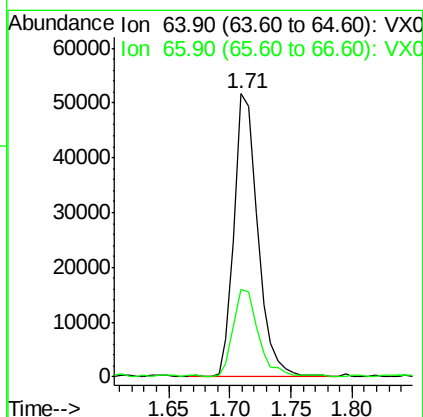
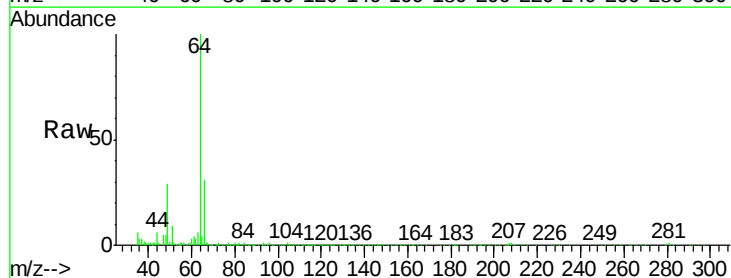
Acq: 28 Jul 2020 12:52

Tgt Ion: 64 Resp: 69614

Ion Ratio Lower Upper

64 100

66 30.4 24.9 37.3





#7

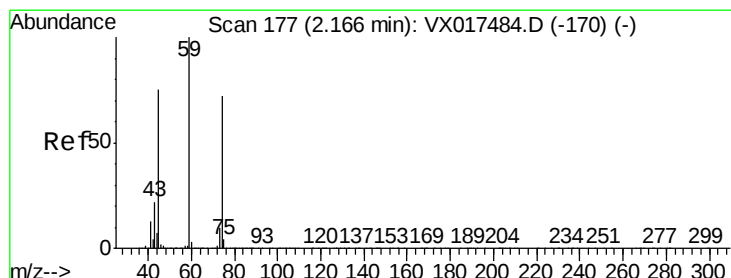
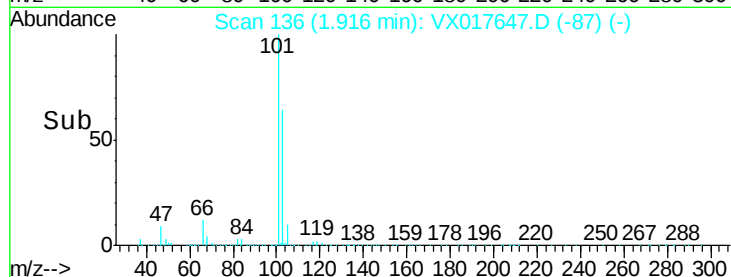
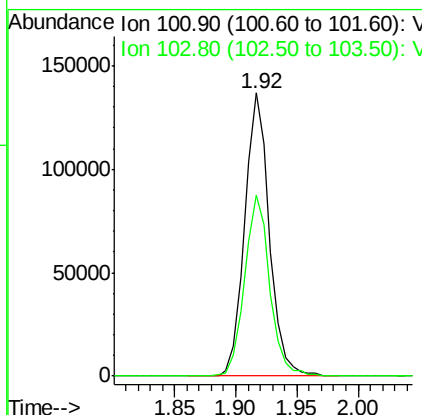
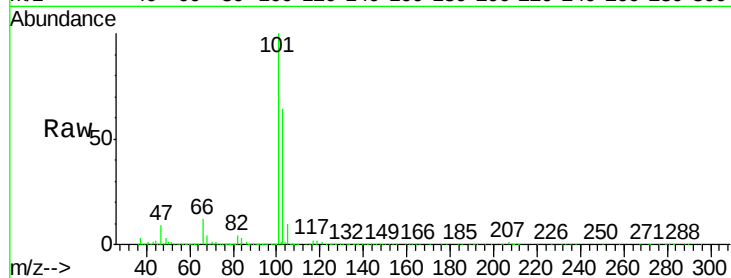
Trichlorofluoromethane
Concen: 16.310 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	191611		
103	63.8	51.8	77.8	

Manual Integrations
APPROVED

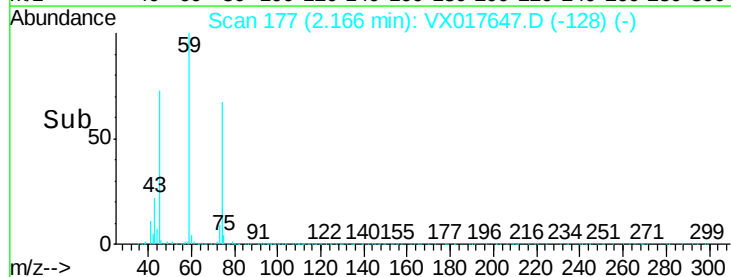
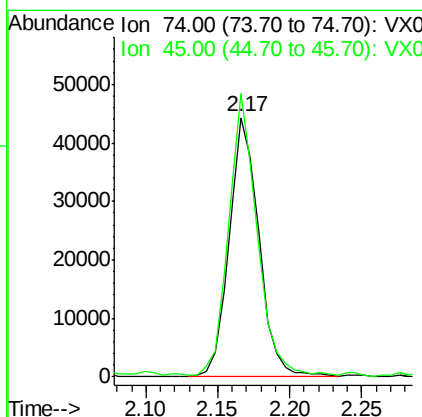
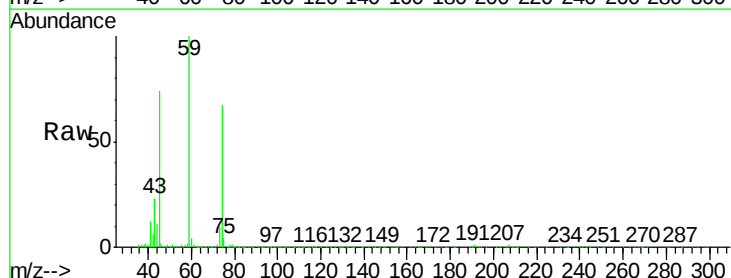
MMDadoda
7/29/2020 10:49:38 AM

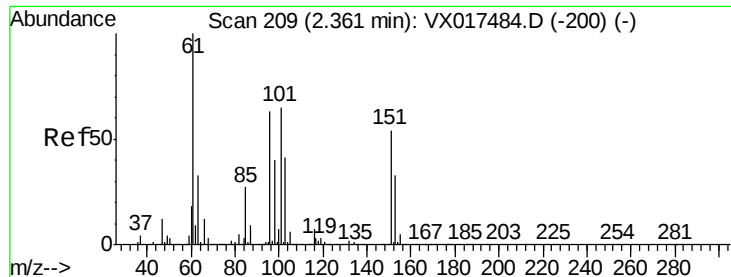


#8

Diethyl Ether
Concen: 15.962 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	64326		
45	102.3	50.8	152.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.104 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

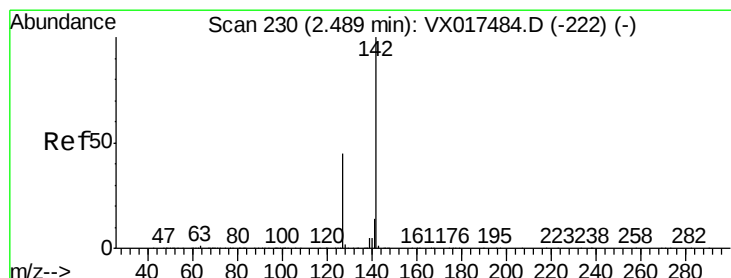
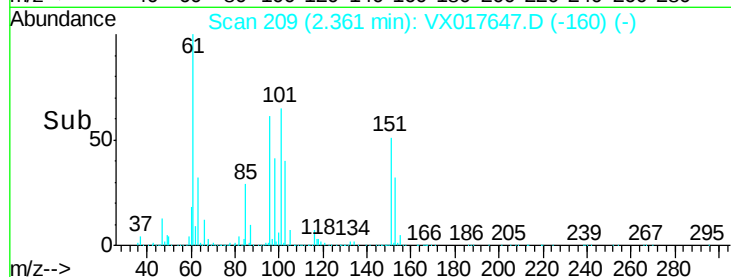
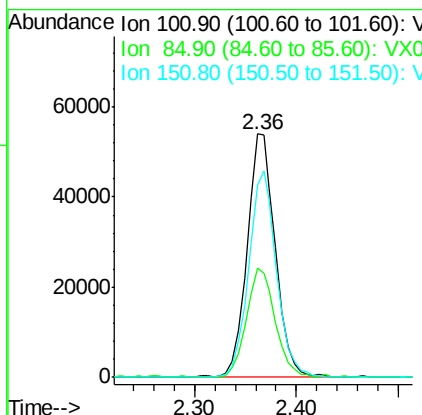
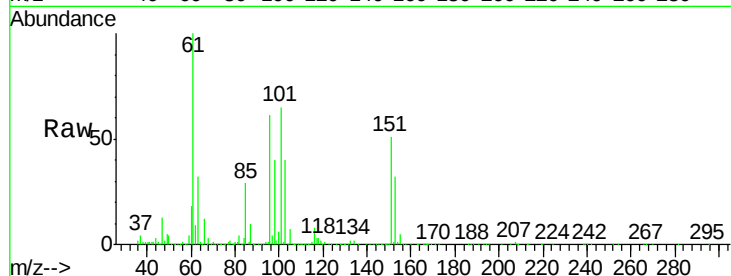
ClientSampleId :

VX0728WBSD01

Tgt Ion:	101	Resp:	103822
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.8	52.2
151	83.8	68.0	102.0

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#10

Methyl Iodide

Concen: 14.970 ug/l

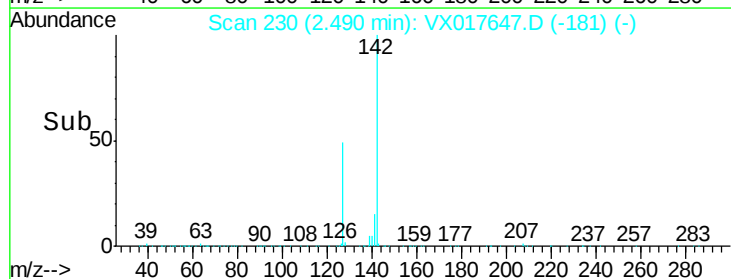
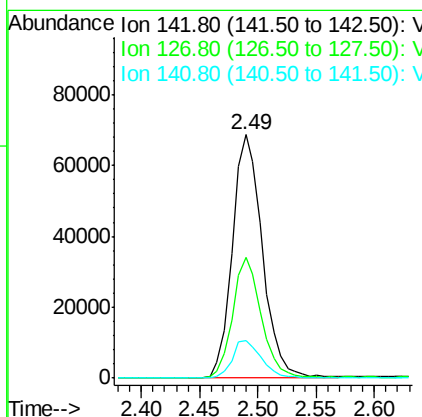
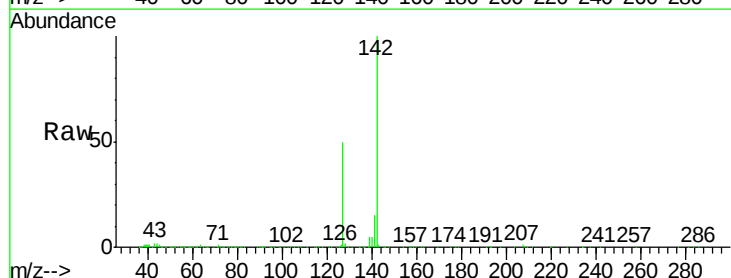
RT: 2.49 min Scan# 230

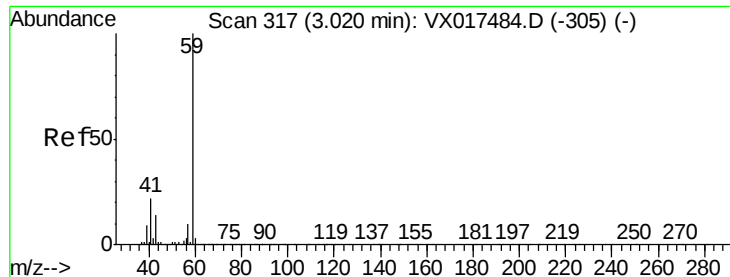
Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion:	142	Resp:	123467
Ion Ratio	Lower	Upper	
142	100		
127	47.5	35.9	53.9
141	15.1	11.4	17.0





#11

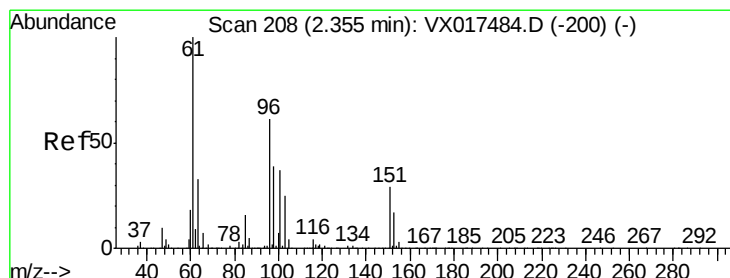
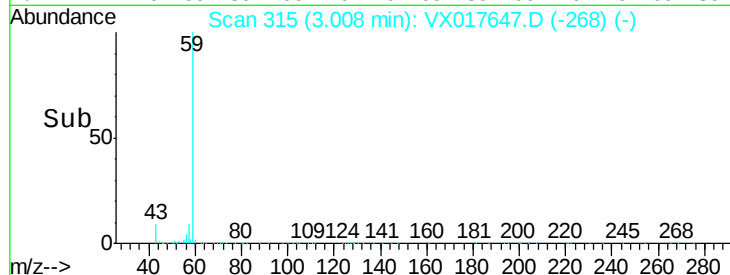
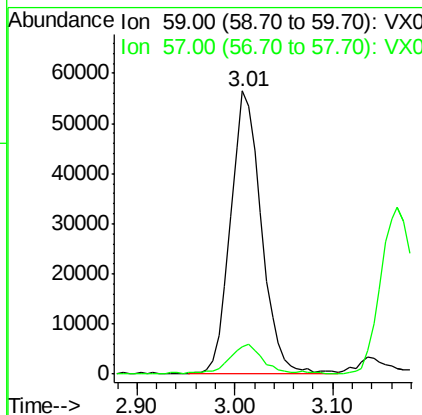
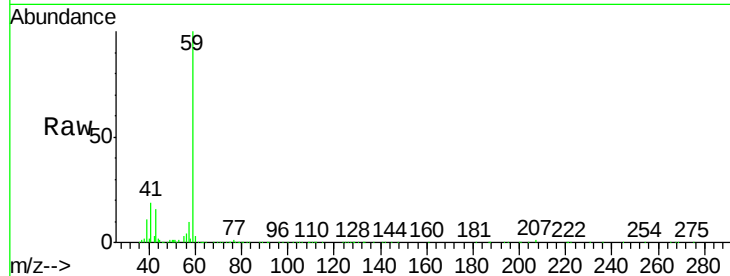
Tert butyl alcohol
Concen: 77.241 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion: 59 Resp: 124118
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
APPROVED

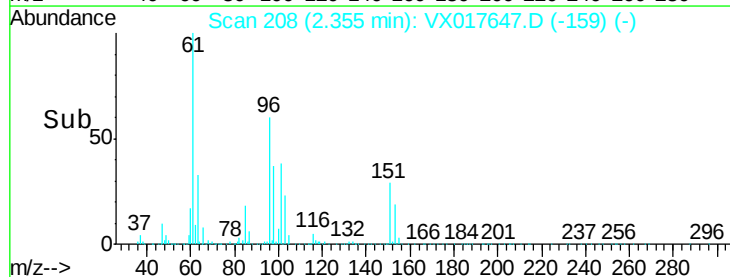
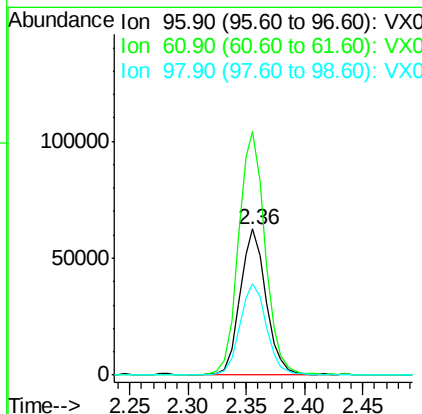
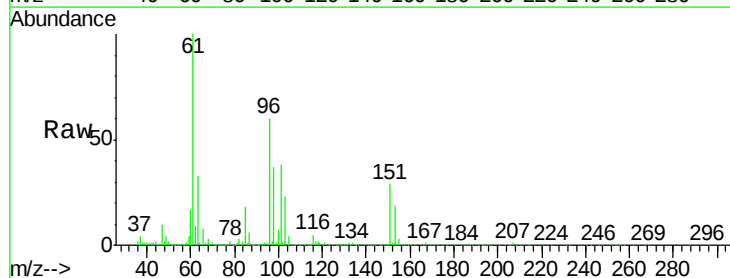
MMDadoda
7/29/2020 10:49:38 AM

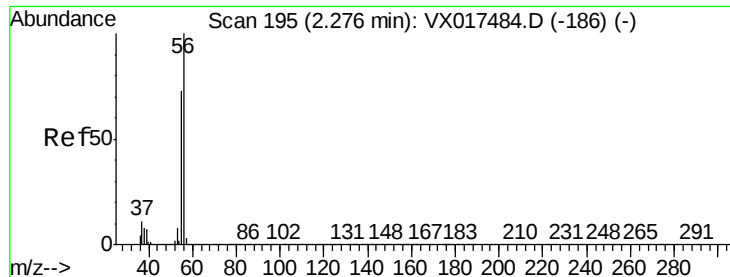


#12

1,1-Dichloroethene
Concen: 15.727 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion: 96 Resp: 96415
Ion Ratio Lower Upper
96 100
61 166.7 134.0 201.0
98 62.1 51.0 76.4





#13

Acrolein

Concen: 102.246 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 56 Resp: 122381

Ion Ratio Lower Upper

56 100

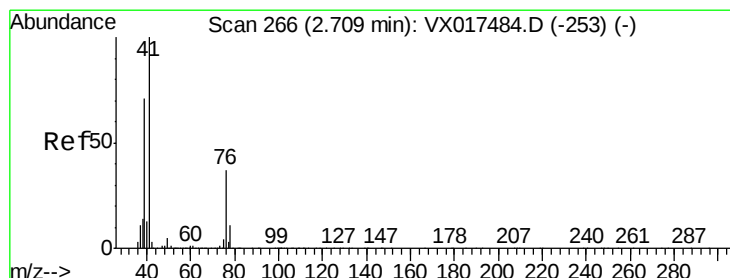
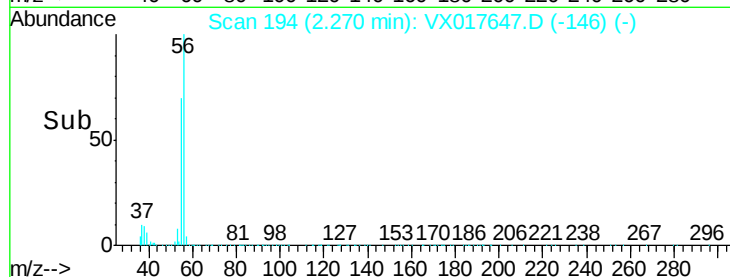
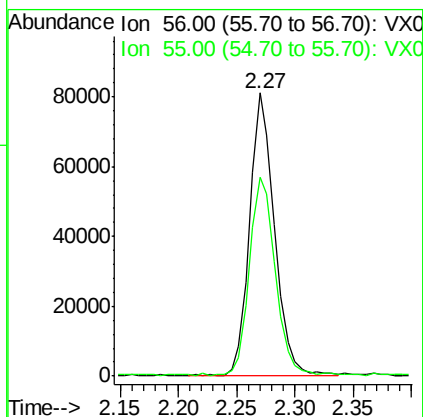
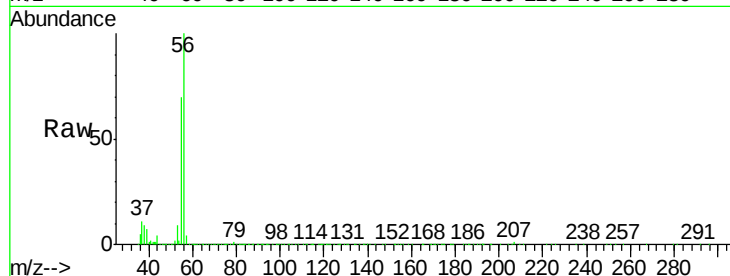
55 71.9 57.4 86.2

Manual Integrations

APPROVED

MMDadoda

7/29/2020 10:49:38 AM



#14

Allyl chloride

Concen: 16.679 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

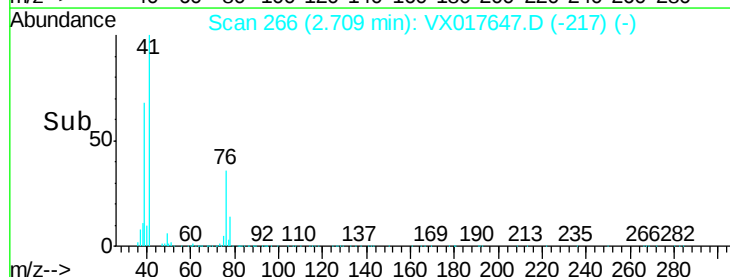
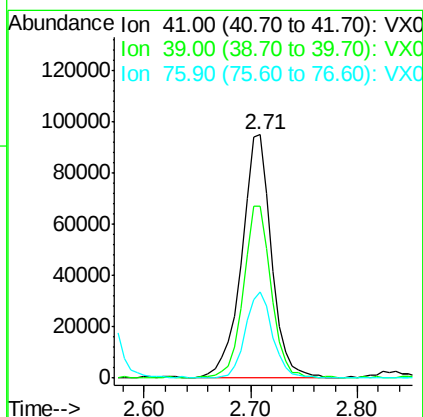
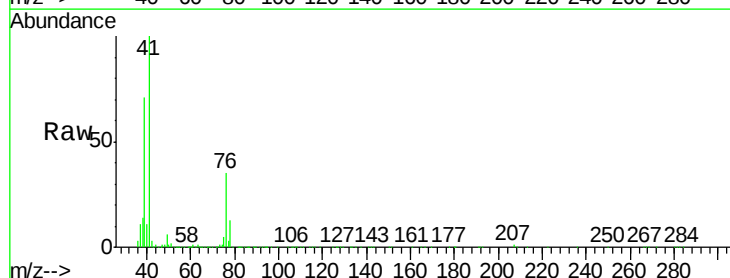
Tgt Ion: 41 Resp: 186708

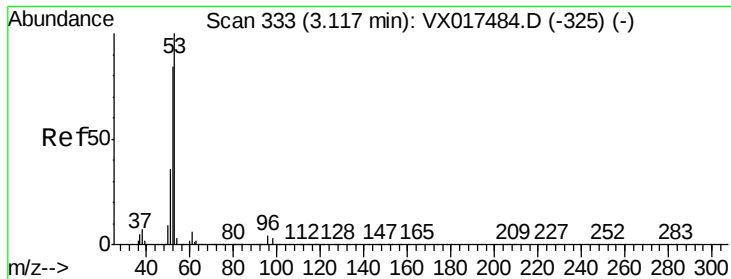
Ion Ratio Lower Upper

41 100

39 65.8 51.9 77.9

76 32.1 25.5 38.3





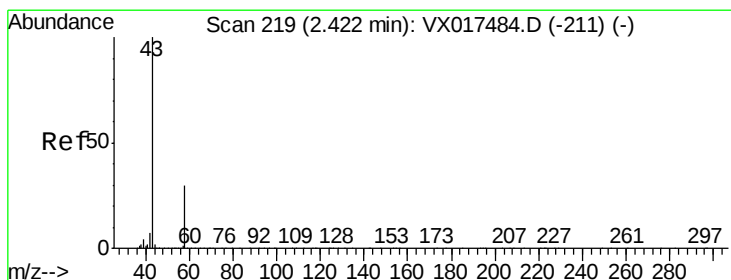
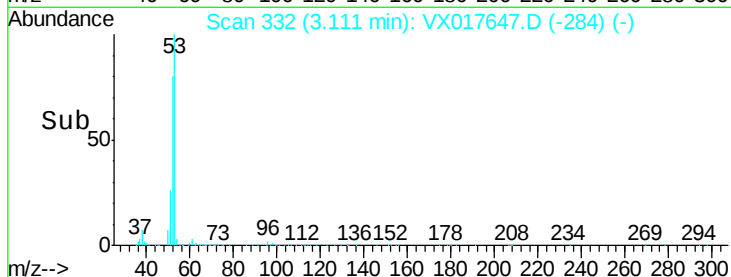
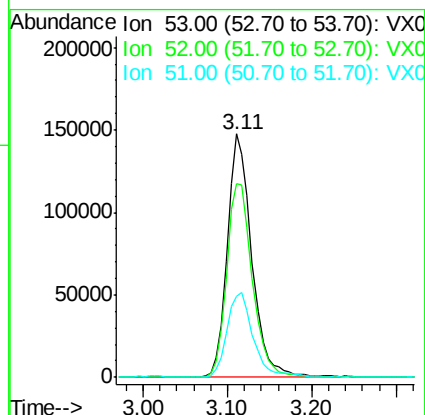
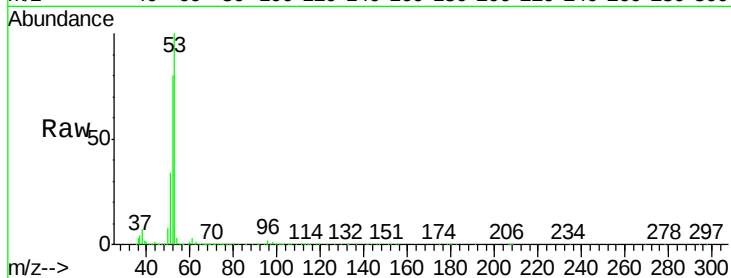
#15
Acrylonitrile
Concen: 83.792 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.6	99.8
51	37.6	29.4	44.2

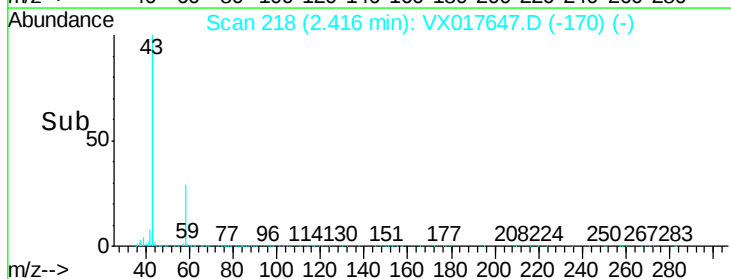
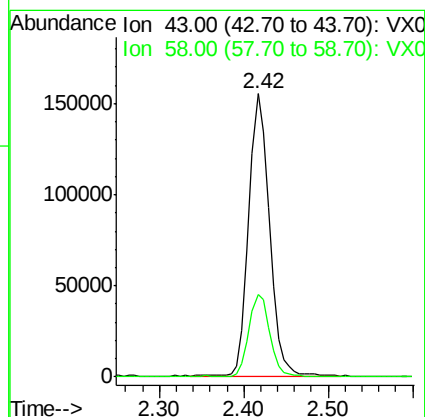
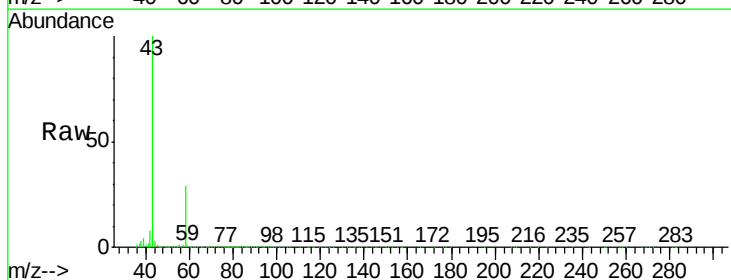
Manual Integrations
APPROVED

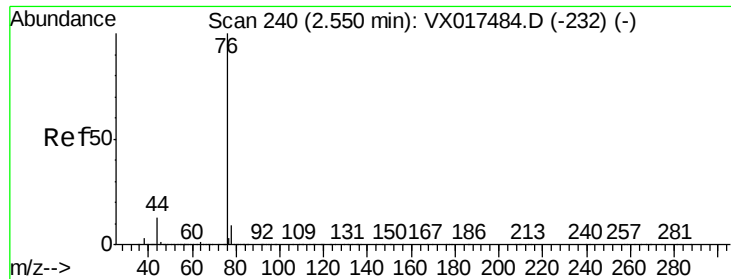
MMDadoda
7/29/2020 10:49:38 AM



#16
Acetone
Concen: 76.300 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.2	36.4





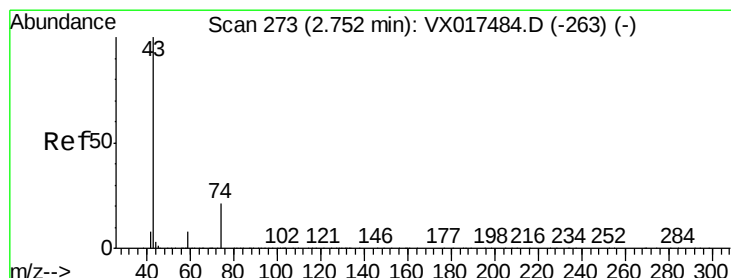
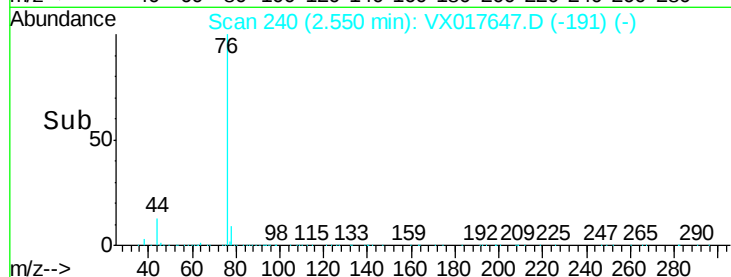
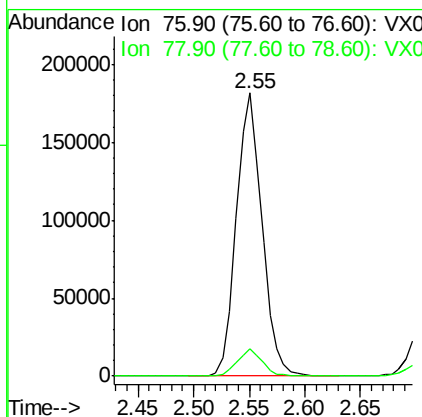
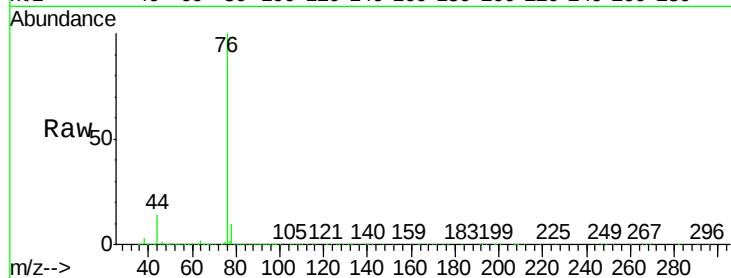
#17
Carbon Disulfide
Concen: 15.555 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.5	11.3

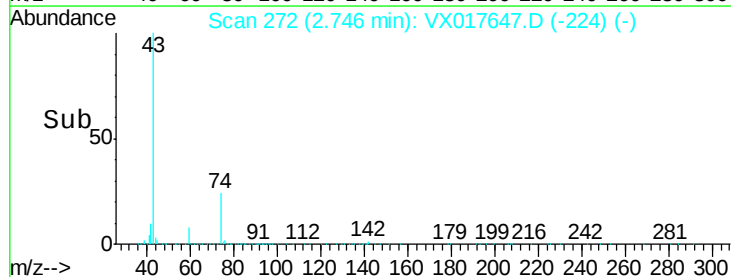
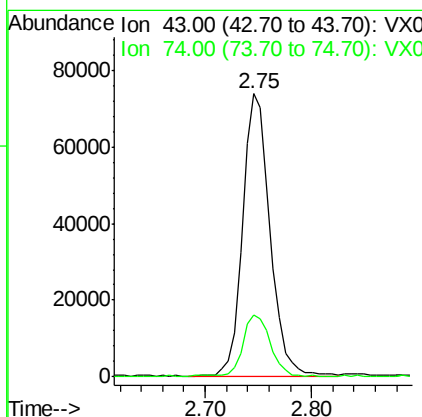
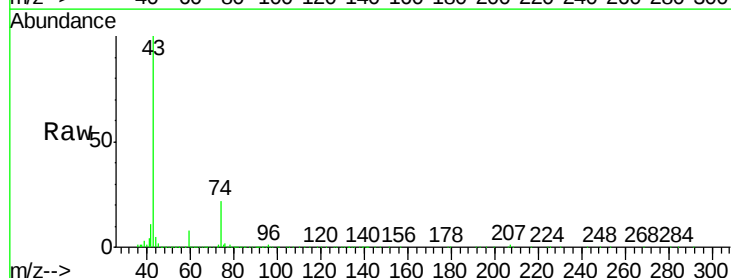
Manual Integrations
APPROVED

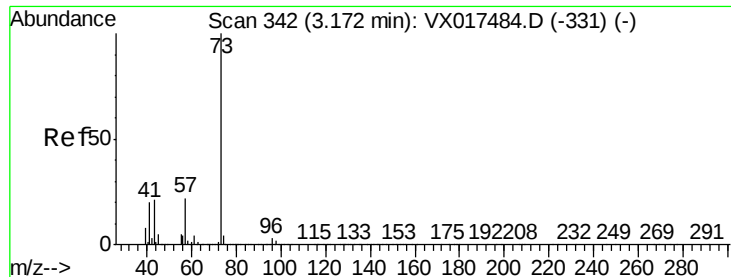
MMDadoda
7/29/2020 10:49:38 AM



#18
Methyl Acetate
Concen: 16.780 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	17.5	26.3





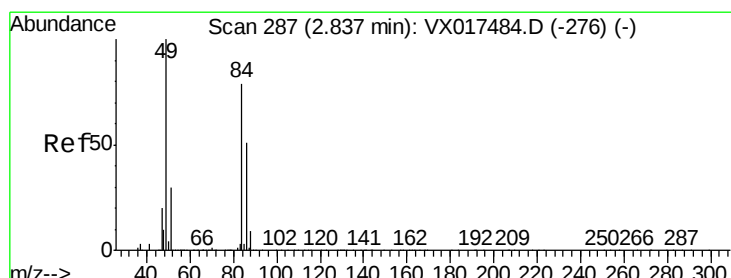
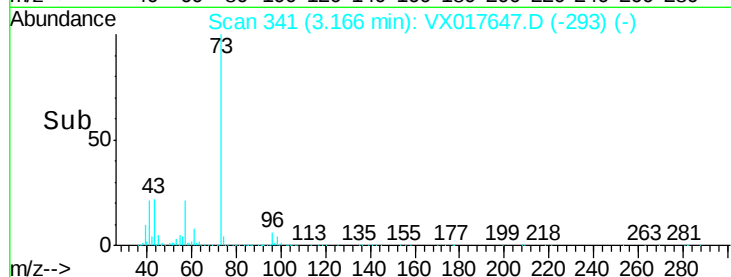
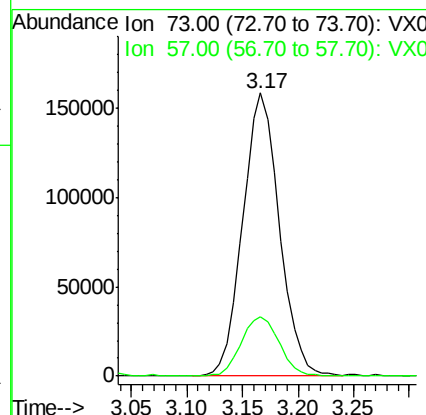
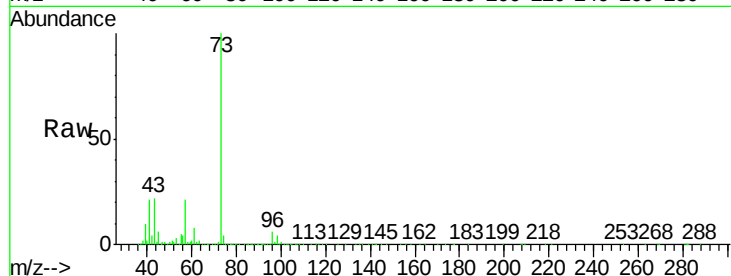
#19
Methyl tert-butyl Ether
Concen: 17.145 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion: 73 Resp: 363798
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.4

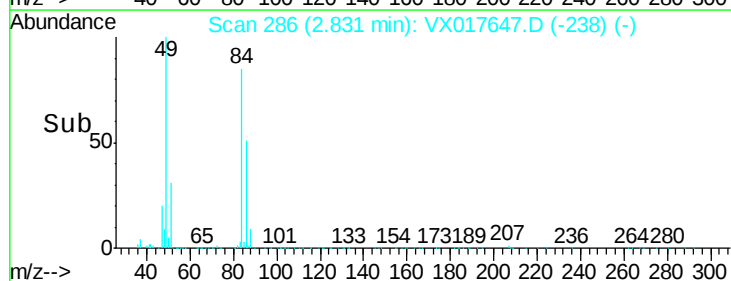
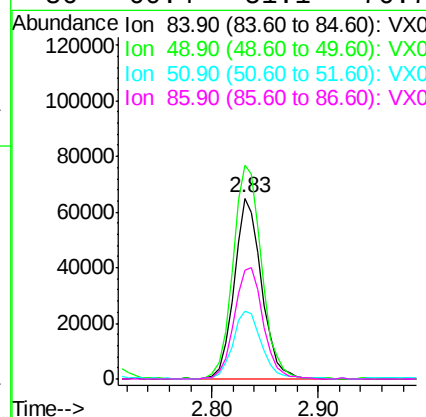
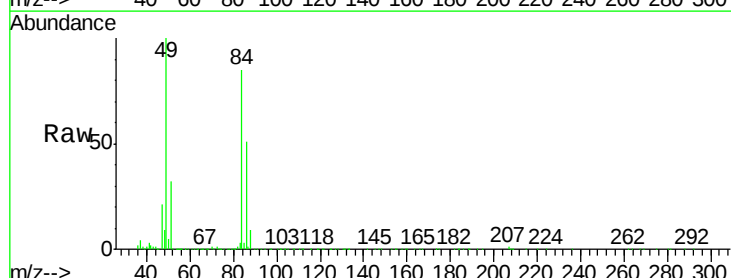
Manual Integrations
APPROVED

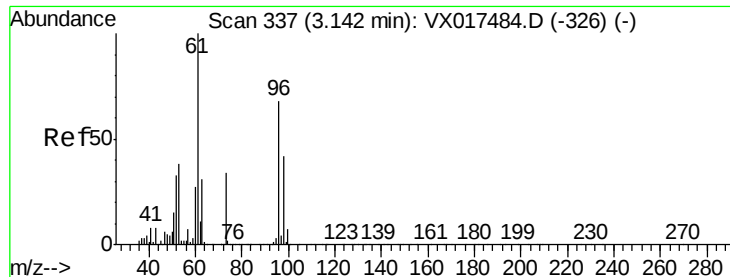
MMDadoda
7/29/2020 10:49:38 AM



#20
Methylene Chloride
Concen: 17.631 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion: 84 Resp: 116684
Ion Ratio Lower Upper
84 100
49 118.1 100.3 150.5
51 37.1 30.5 45.7
86 60.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.264 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 96 Resp: 113385
Ion Ratio Lower Upper

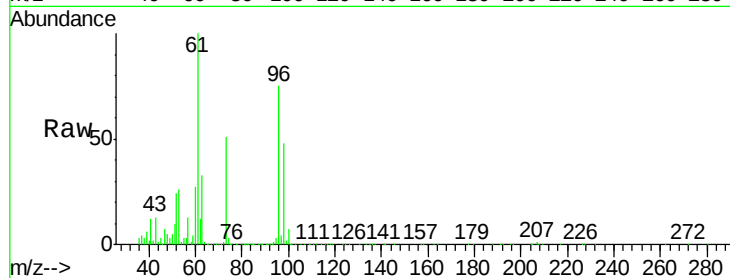
96 100

61 134.1 113.0 169.4

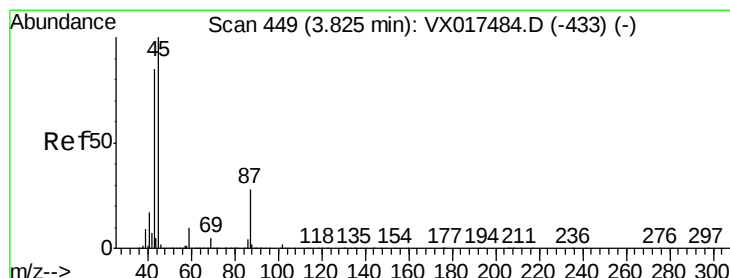
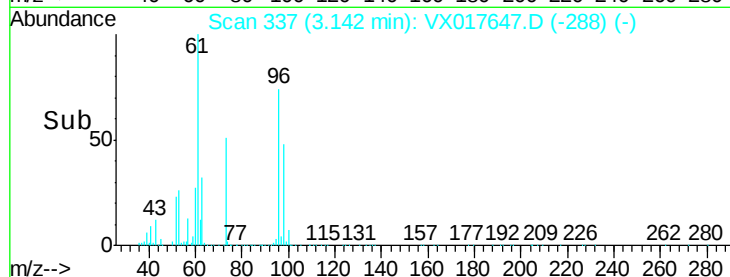
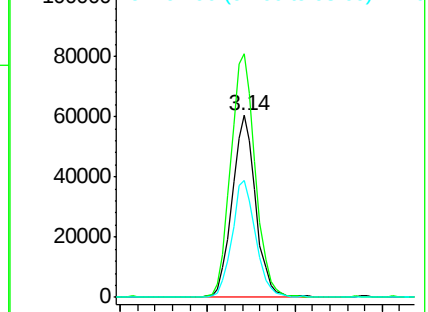
98 64.7 51.8 77.8

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.771 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

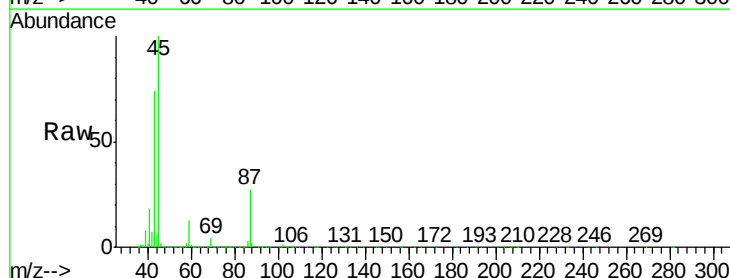
Tgt Ion: 45 Resp: 363754
Ion Ratio Lower Upper

45 100

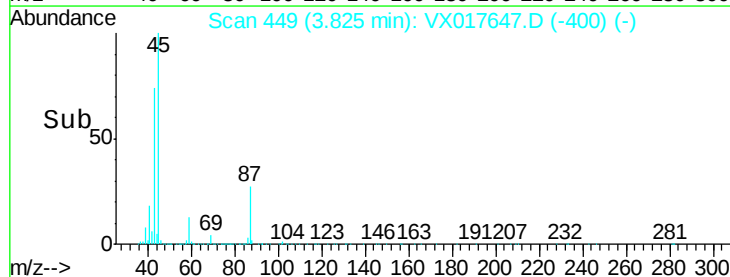
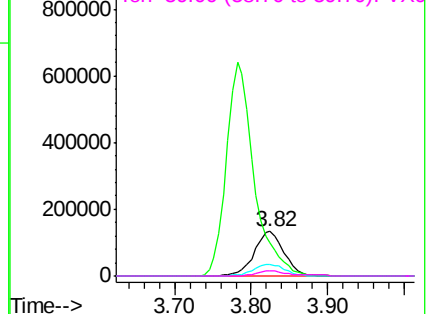
43 74.0 52.0 78.0

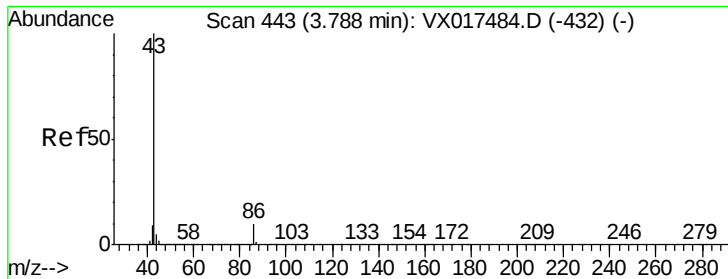
87 27.1 22.2 33.4

59 12.6 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 88.113 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 43 Resp: 1608084

Ion Ratio Lower Upper

43 100

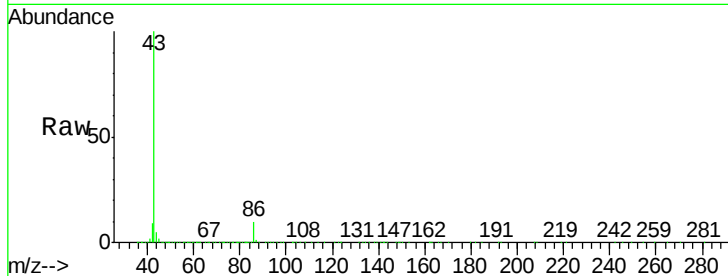
86 10.1 8.2 12.4

Manual Integrations

APPROVED

MMDadoda

7/29/2020 10:49:38 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

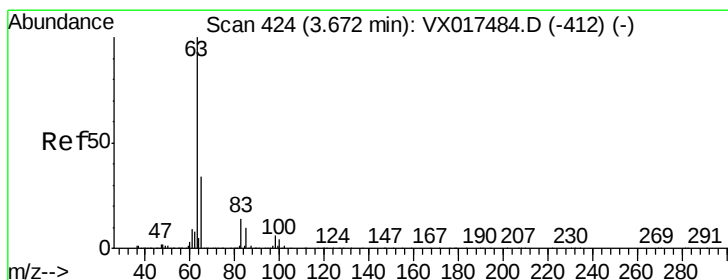
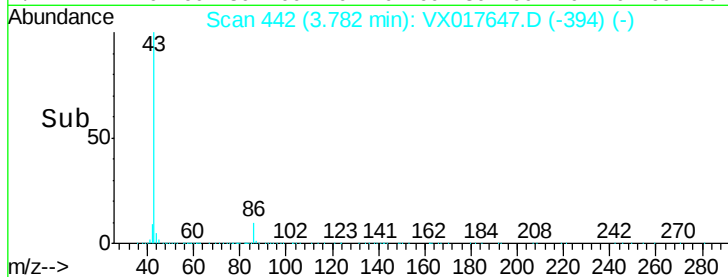
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 17.455 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

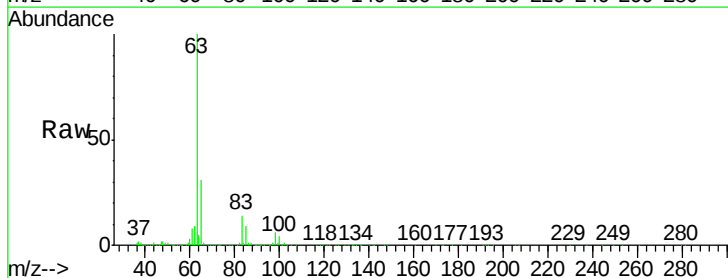
Tgt Ion: 63 Resp: 205817

Ion Ratio Lower Upper

63 100

98 5.6 3.4 10.1

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

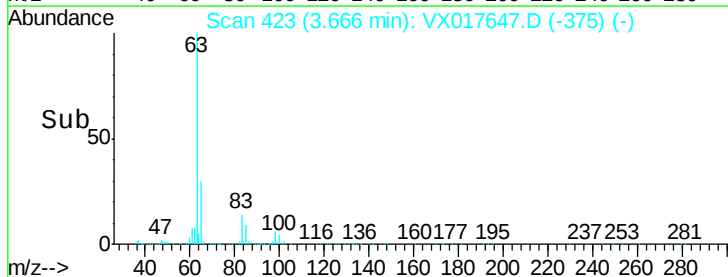
60000

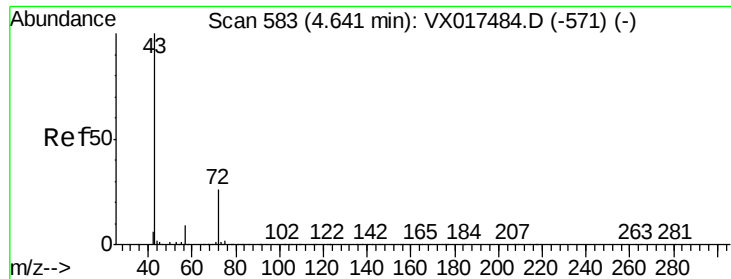
40000

20000

0

Time--> 3.50 3.60 3.70 3.80





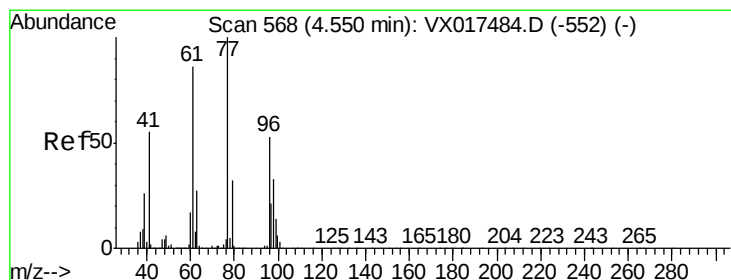
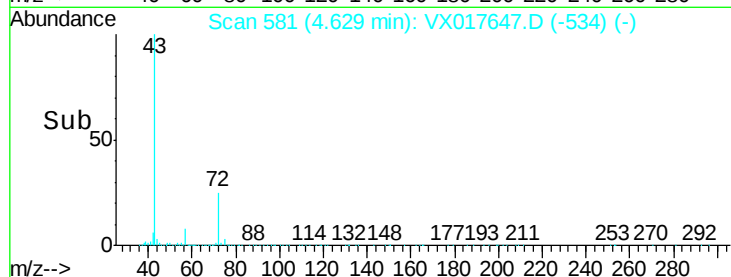
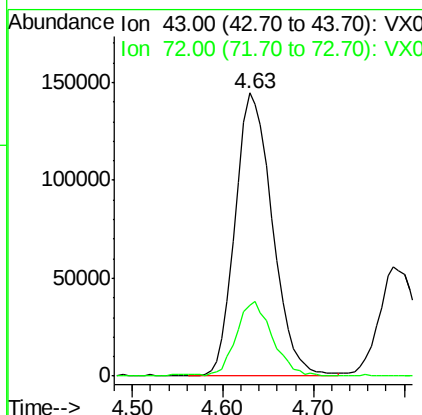
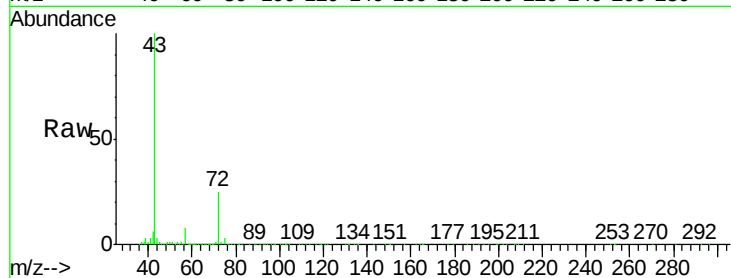
#25
2-Butanone
Concen: 86.013 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion: 43 Resp: 410037
Ion Ratio Lower Upper
43 100
72 24.6 19.0 28.4

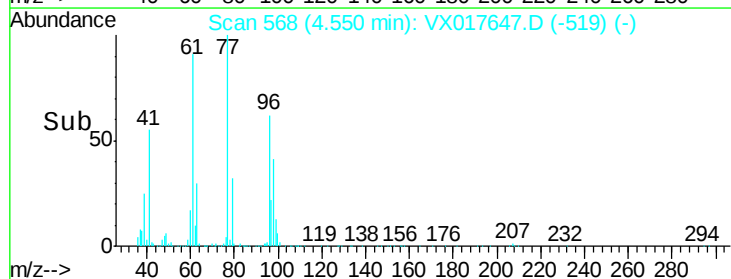
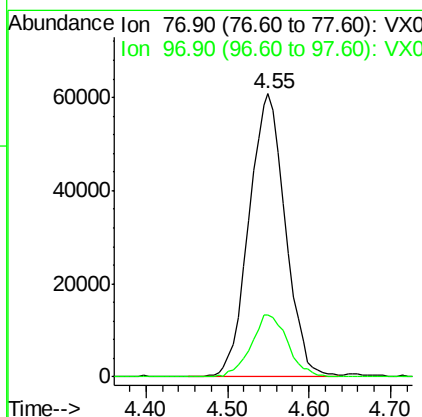
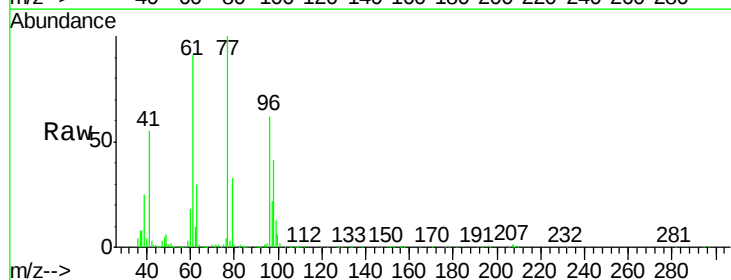
Manual Integrations
APPROVED

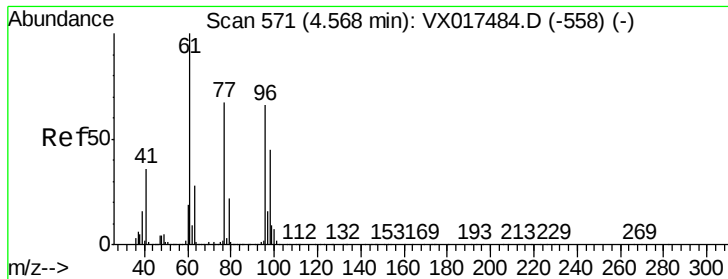
MMDadoda
7/29/2020 10:49:38 AM



#26
2,2-Dichloropropane
Concen: 17.894 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion: 77 Resp: 188867
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

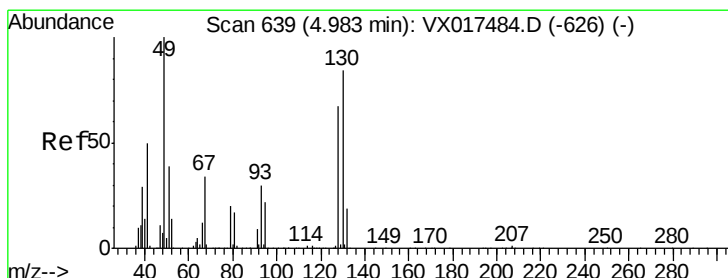
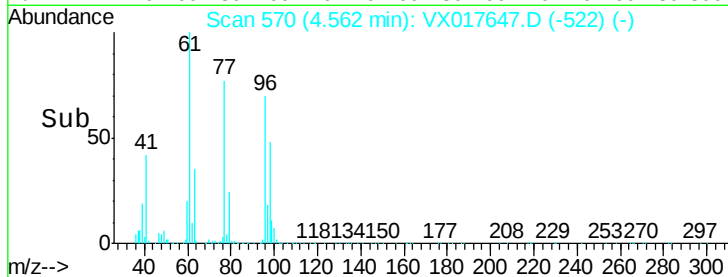
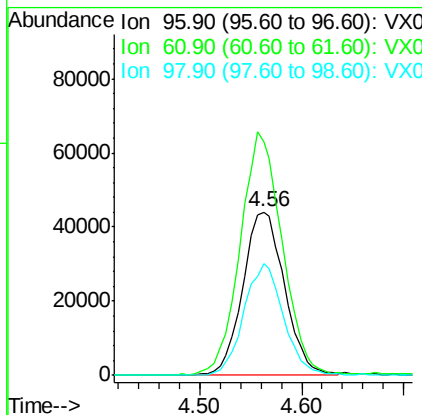
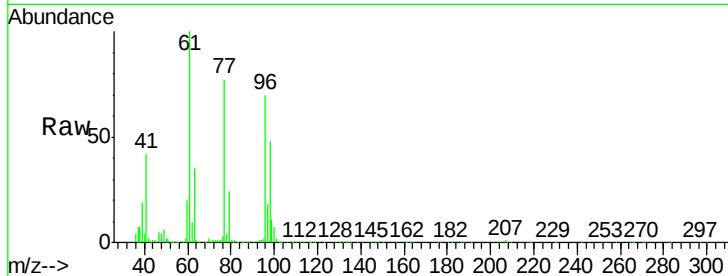
cis-1,2-Dichloroethene
Concen: 17.543 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	125140		
61	150.5	0.0	301.2	
98	65.7	0.0	130.0	

Manual Integrations
APPROVED

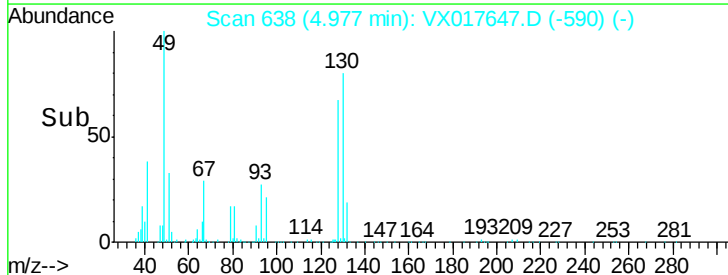
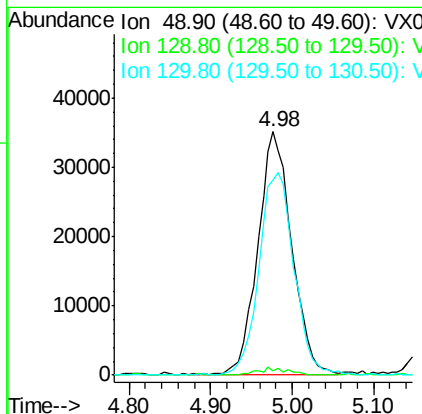
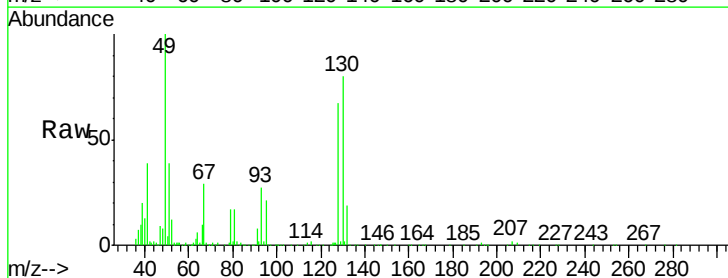
MMDadoda
7/29/2020 10:49:38 AM

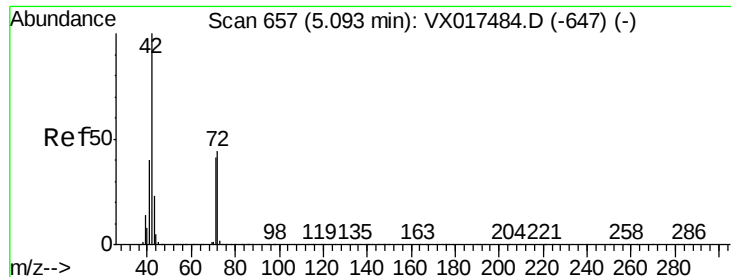


#28

Bromochloromethane
Concen: 19.099 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102048		
129	2.7	0.0	4.6	
130	84.9	66.7	100.1	





#29

Tetrahydrofuran

Concen: 87.827 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

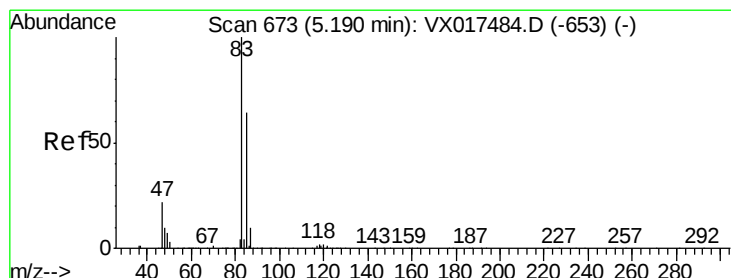
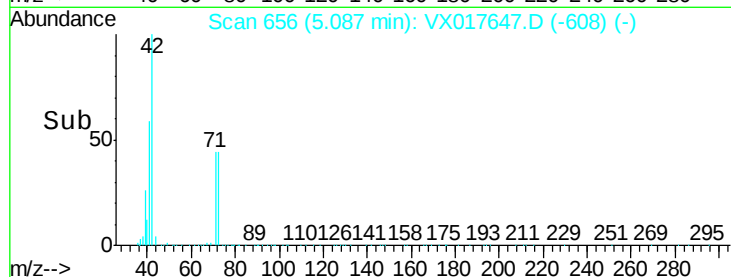
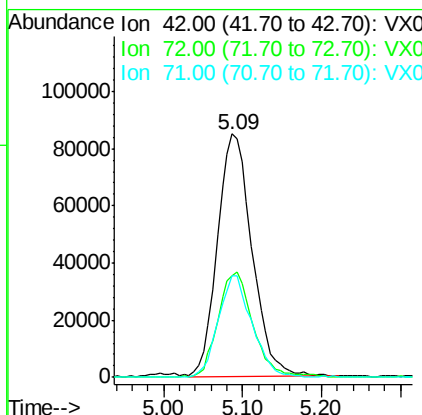
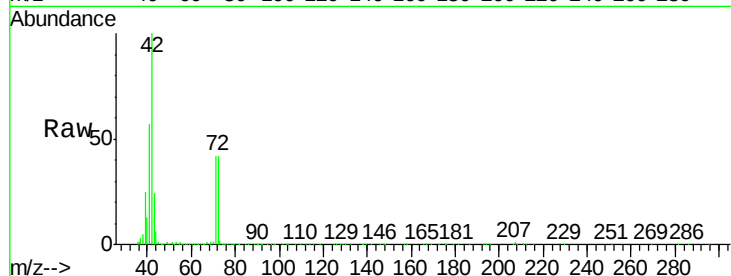
ClientSampleId :

VX0728WBSD01

Tgt Ion:	42	Resp:	259344
Ion Ratio		Lower	Upper
42	100		
72	44.3	35.5	53.3
71	41.0	33.0	49.4

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#30

Chloroform

Concen: 17.831 ug/l

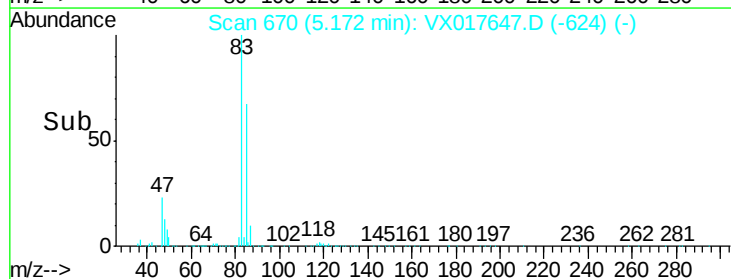
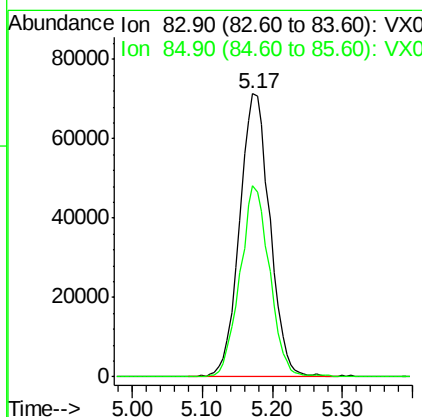
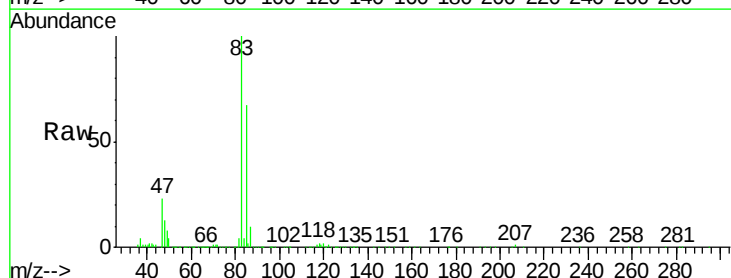
RT: 5.17 min Scan# 670

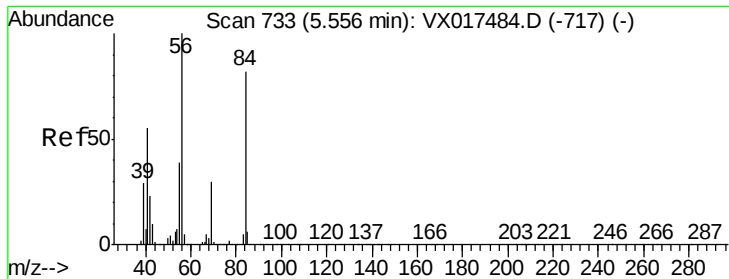
Delta R.T. -0.02 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion:	83	Resp:	214828
Ion Ratio		Lower	Upper
83	100		
85	67.3	51.4	77.2





#31

Cyclohexane

Concen: 18.135 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

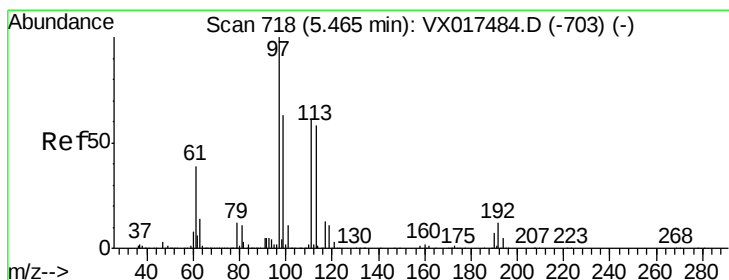
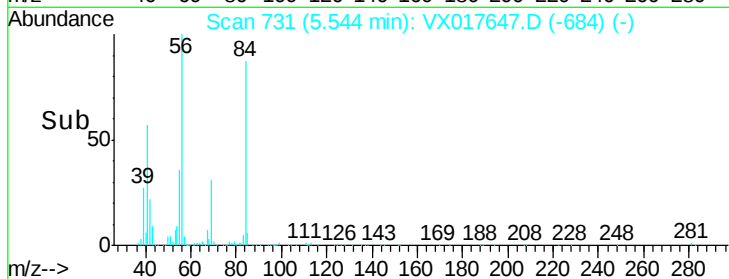
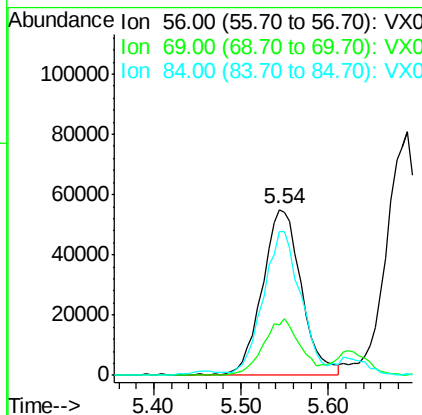
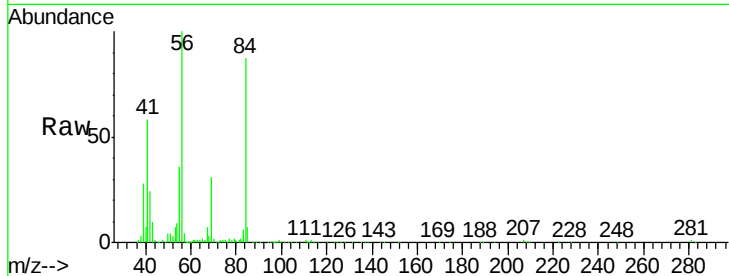
ClientSampleId :

VX0728WBSD01

Tgt Ion:	56	Resp:	170521
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.4
84	85.3	69.0	103.6

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#32

1,1,1-Trichloroethane

Concen: 17.717 ug/l

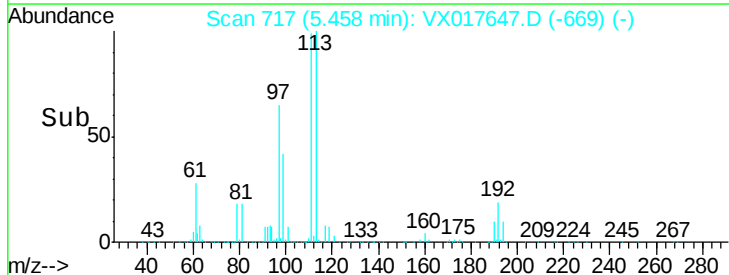
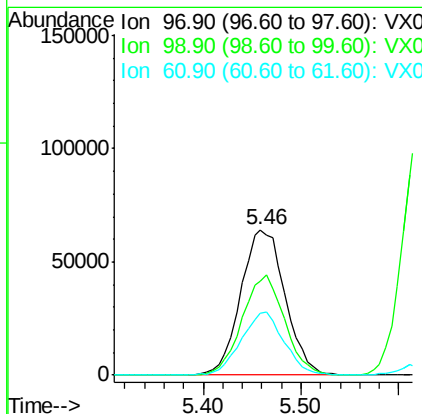
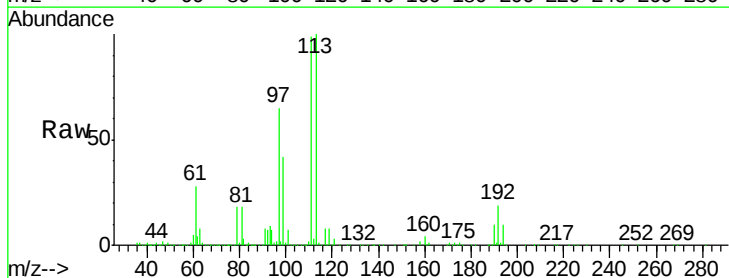
RT: 5.46 min Scan# 717

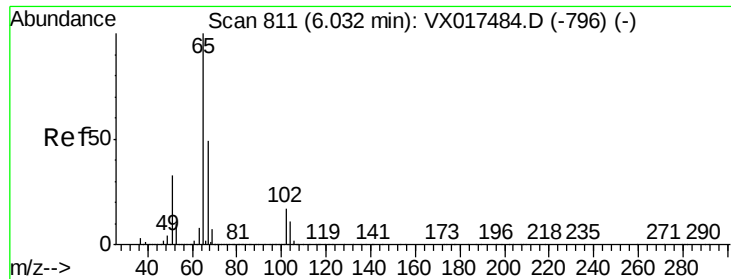
Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion:	97	Resp:	201280
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.9	77.9
61	41.9	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 48.930 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 65 Resp: 373057

Ion Ratio Lower Upper

65 100

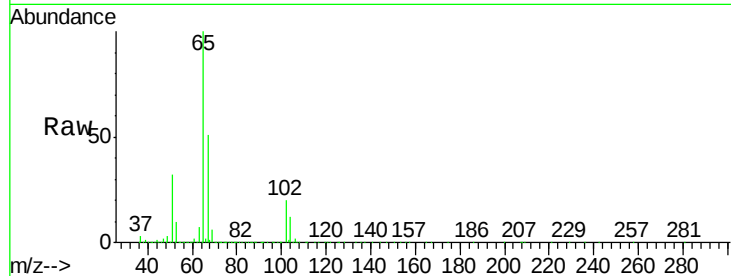
67 50.3 0.0 102.8

Manual Integrations

APPROVED

MMDadoda

7/29/2020 10:49:38 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

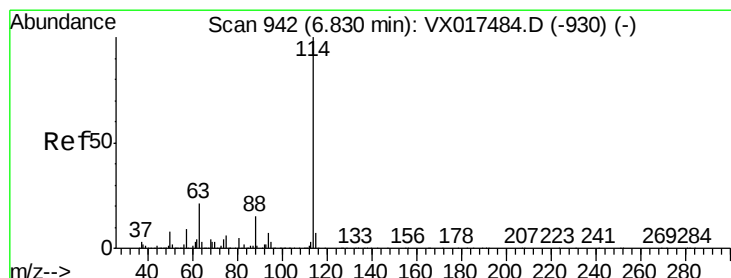
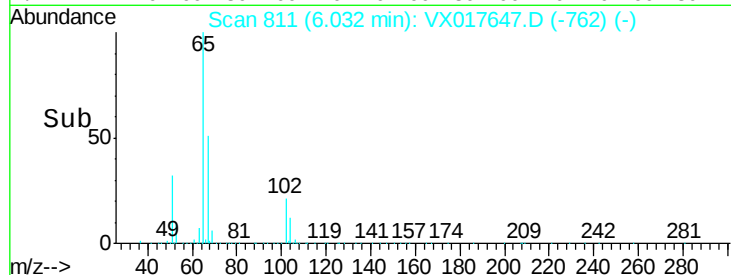
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

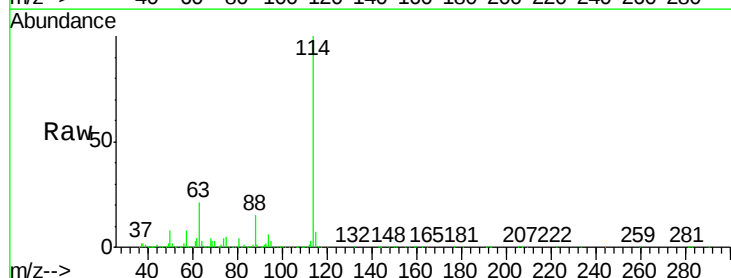
Tgt Ion: 114 Resp: 877577

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

88 15.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

500000

400000

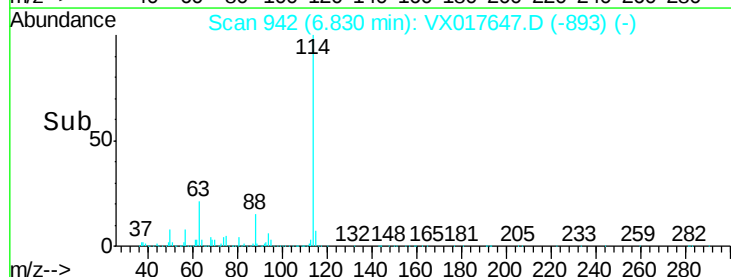
300000

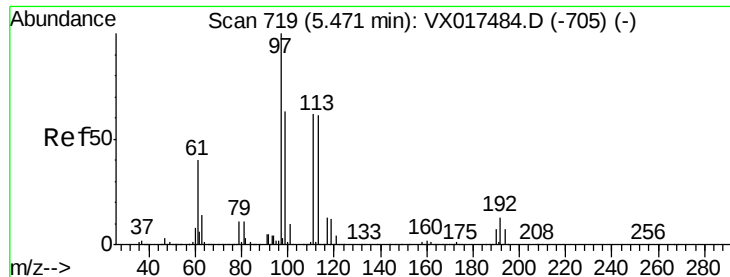
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.217 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

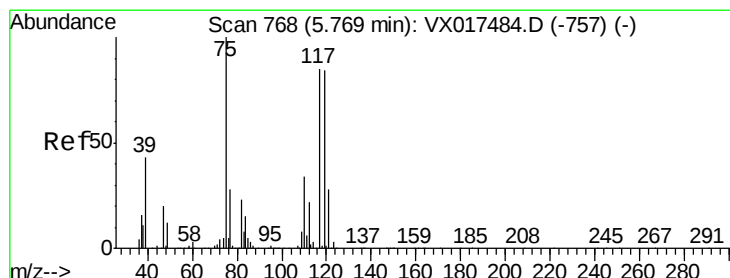
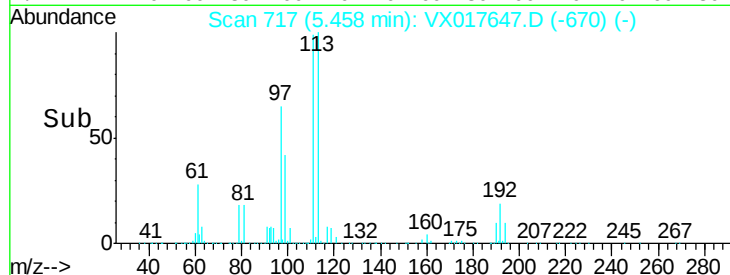
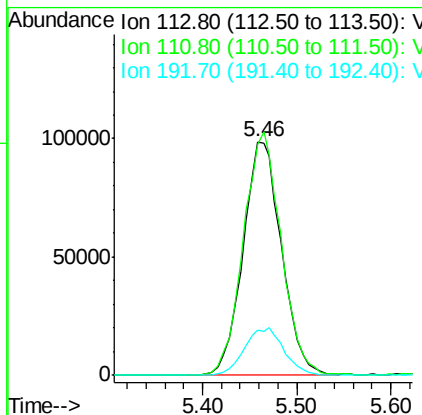
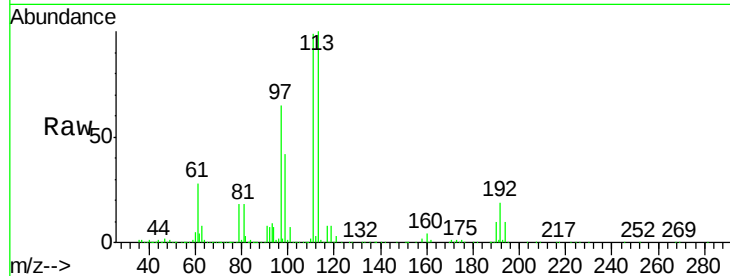
ClientSampleId :

VX0728WBSD01

Tgt Ion:	113	Resp:	282999
Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.7	121.1
192	20.8	16.9	25.3

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#36

1,1-Dichloropropene

Concen: 18.503 ug/l

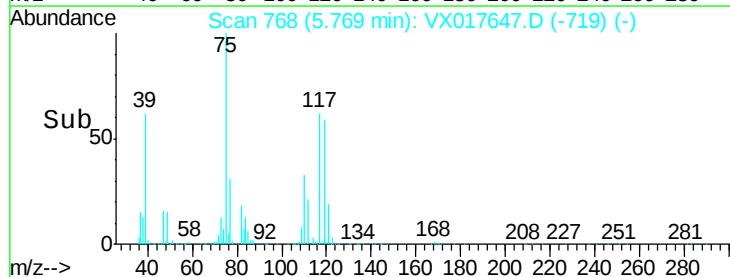
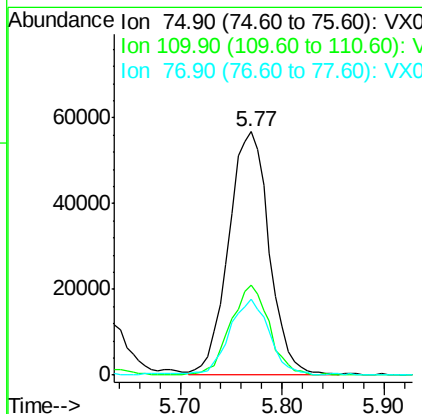
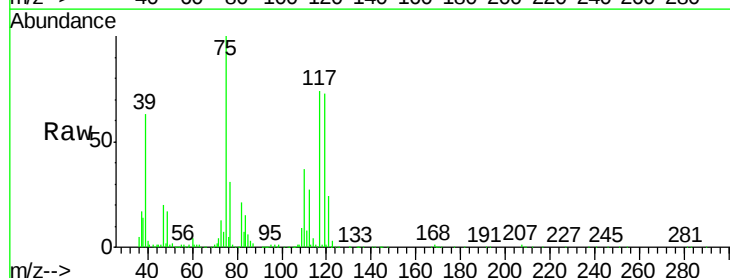
RT: 5.77 min Scan# 768

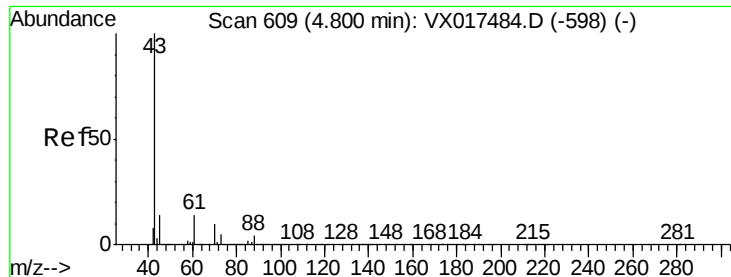
Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion:	75	Resp:	155731
Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.1	54.3
77	30.3	24.6	37.0





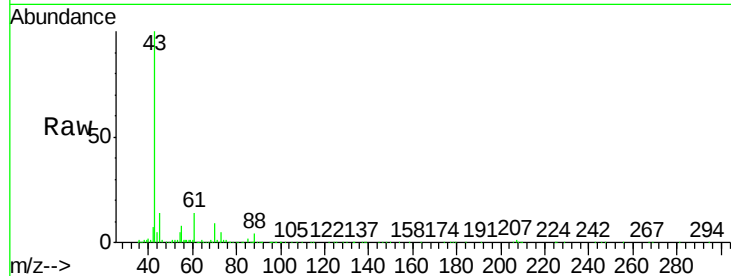
#37
Ethyl Acetate
Concen: 17.508 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

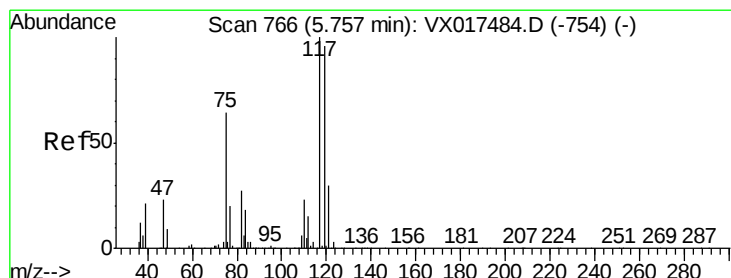
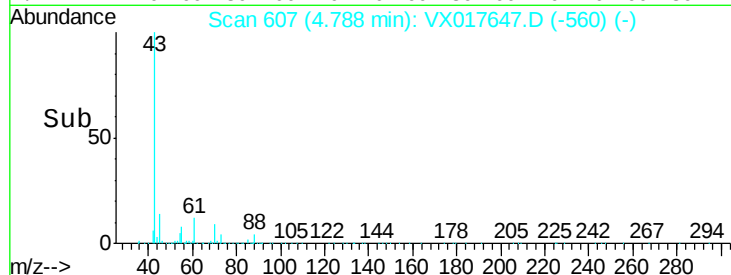
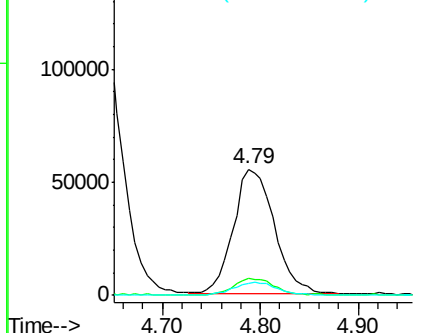
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	11.1	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM

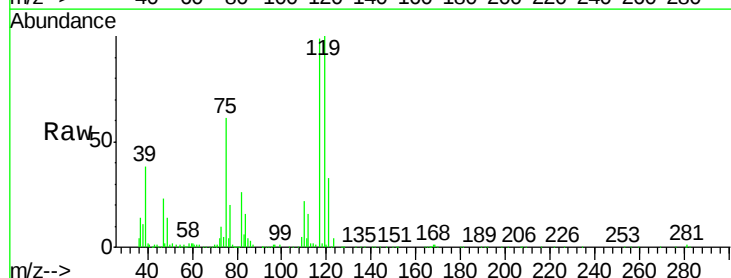


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

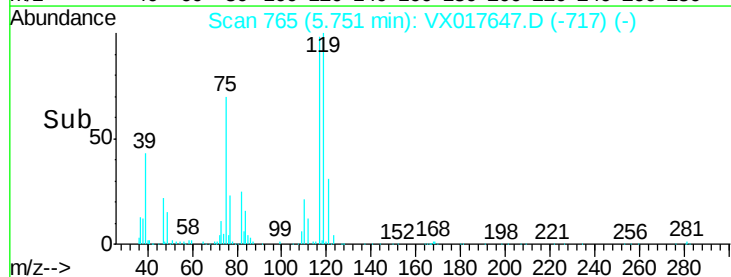
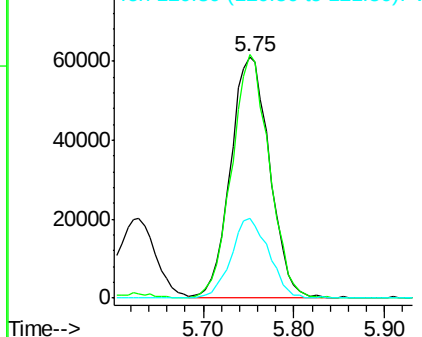


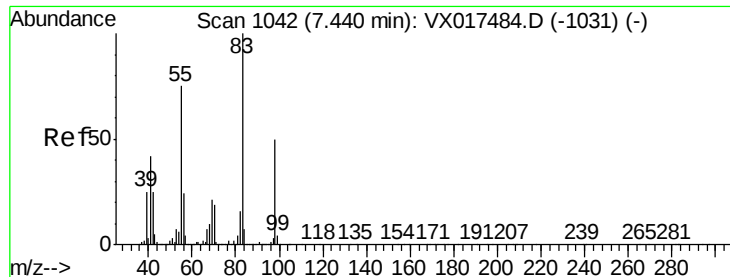
#38
Carbon Tetrachloride
Concen: 17.821 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.9	75.4	113.0
121	32.6	24.3	36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





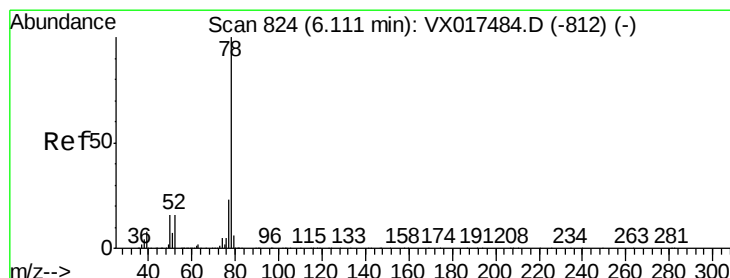
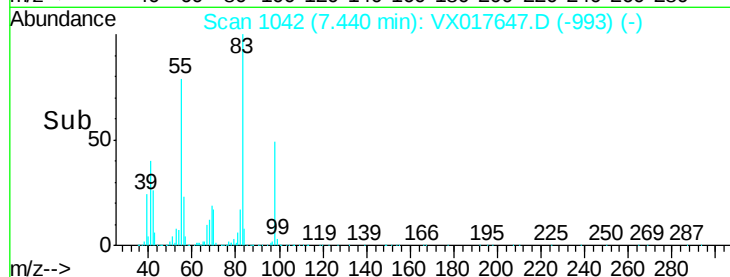
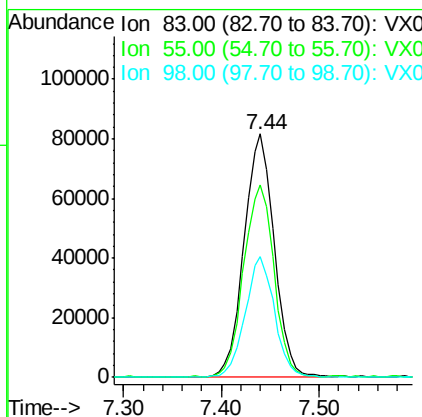
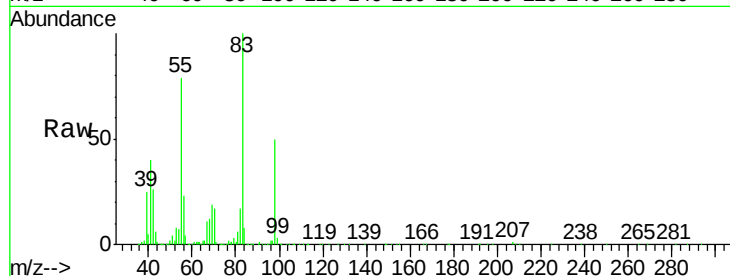
#39
Methylcyclohexane
Concen: 17.819 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.8	92.8
98	49.6	36.9	55.3

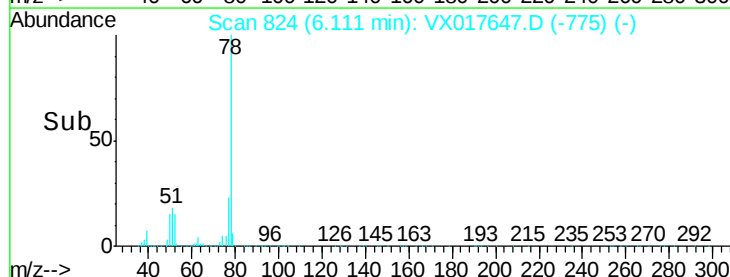
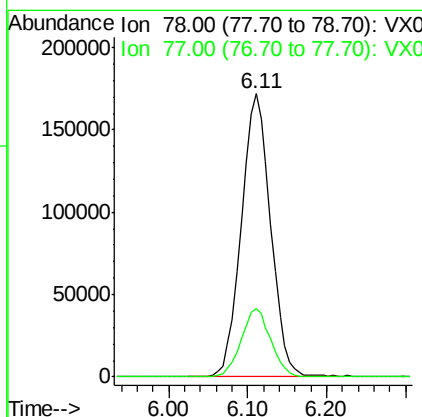
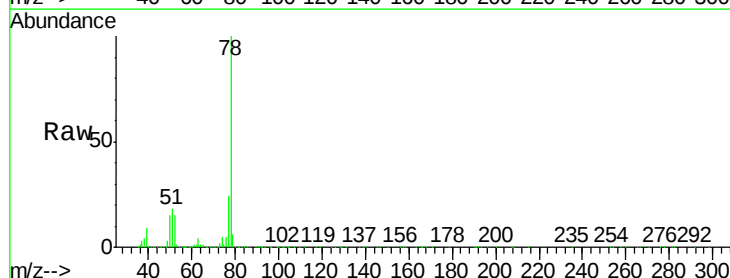
Manual Integrations
APPROVED

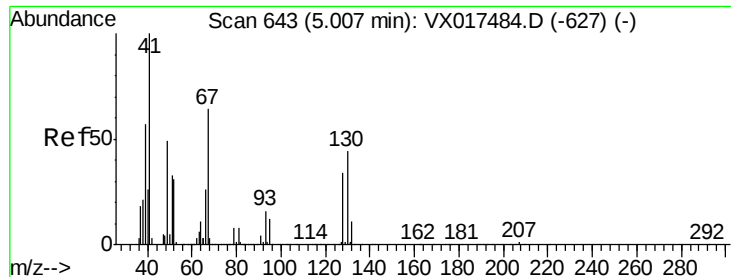
MMDadoda
7/29/2020 10:49:38 AM



#40
Benzene
Concen: 18.367 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2





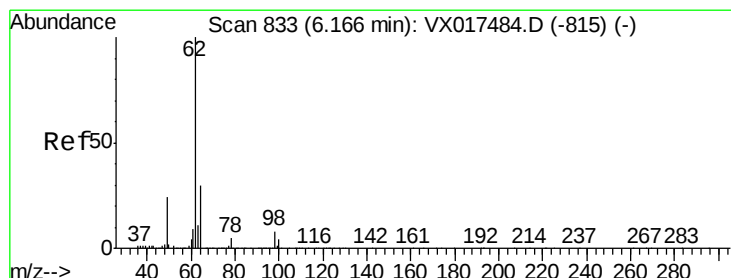
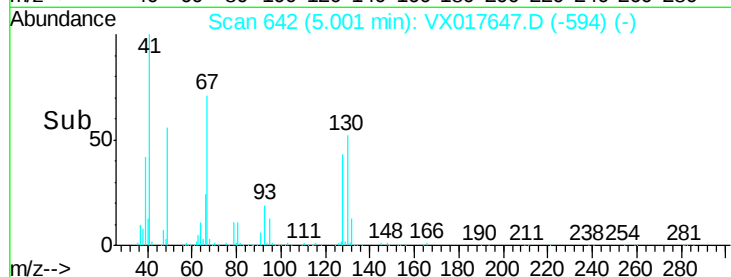
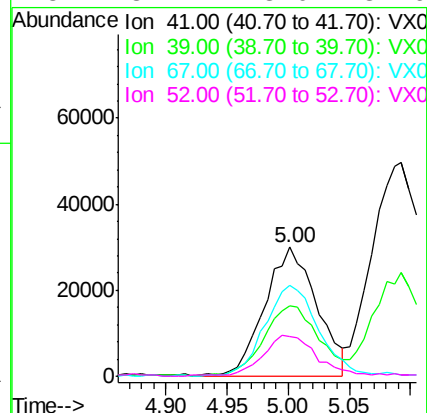
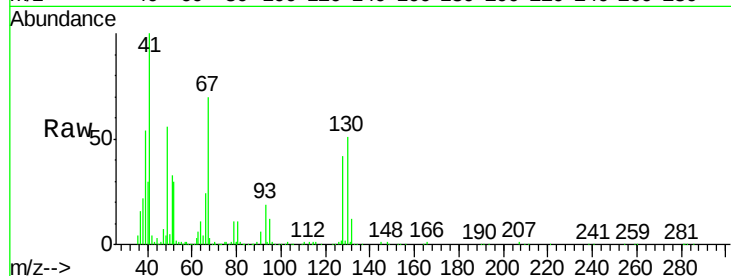
#41
Methacrylonitrile
Concen: 16.752 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.9	65.9
67	72.0	54.0	81.0
52	31.7	23.0	34.6

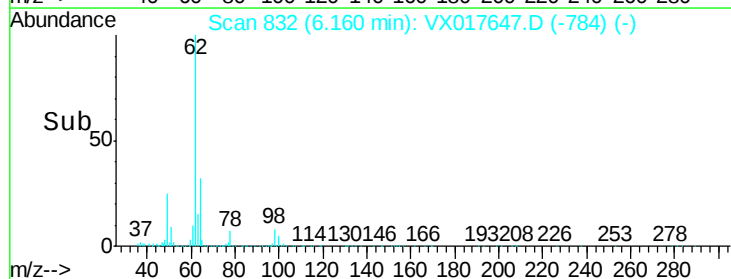
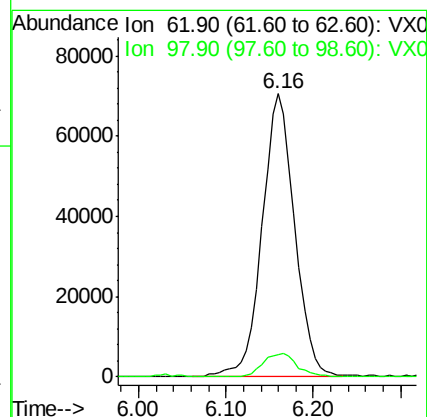
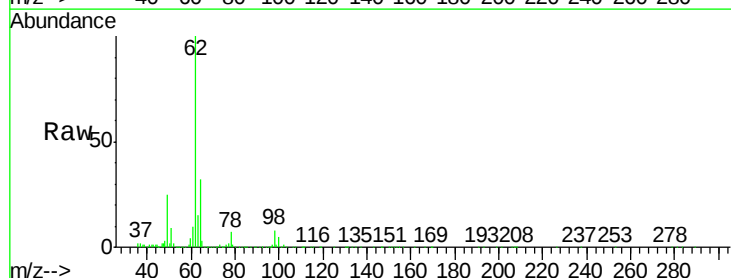
Manual Integrations
APPROVED

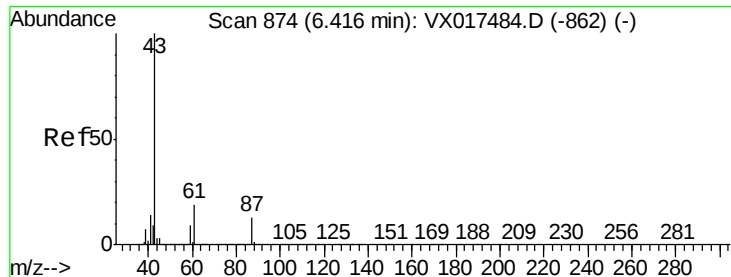
MMDadoda
7/29/2020 10:49:38 AM



#42
1,2-Dichloroethane
Concen: 18.373 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 17.570 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

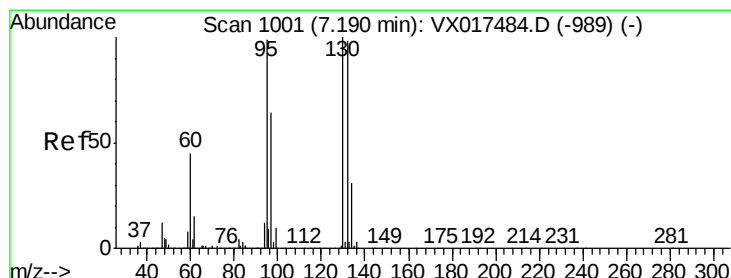
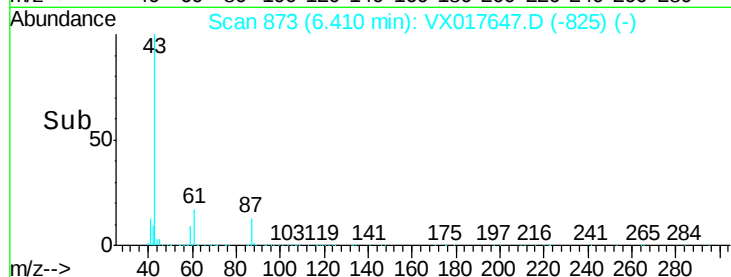
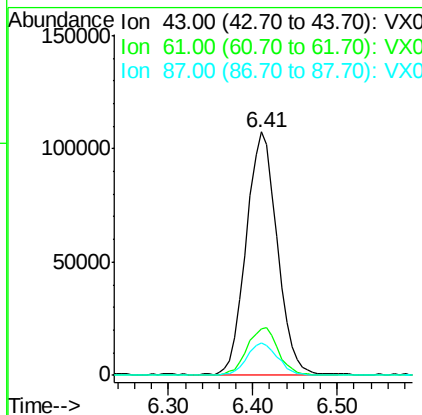
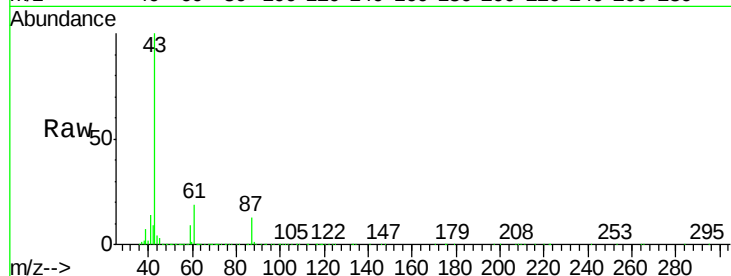
ClientSampleId :

VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.5	23.3
87	13.5	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#44

Trichloroethene

Concen: 19.405 ug/l

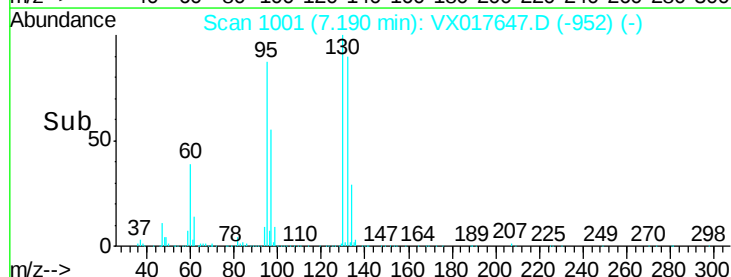
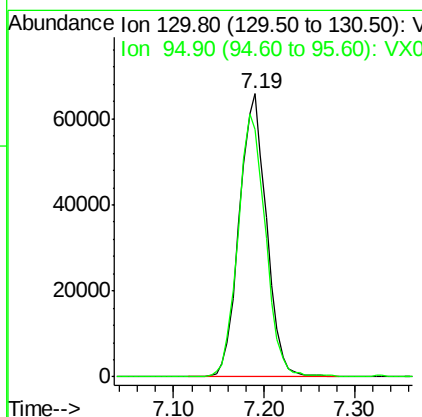
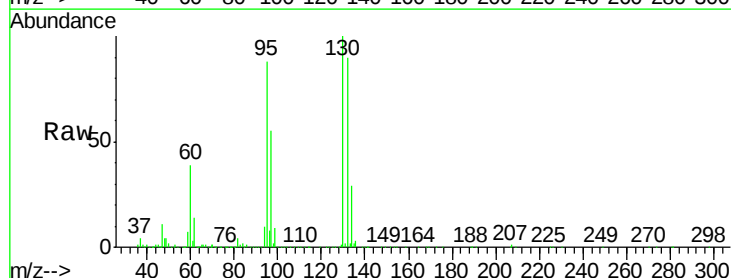
RT: 7.19 min Scan# 1001

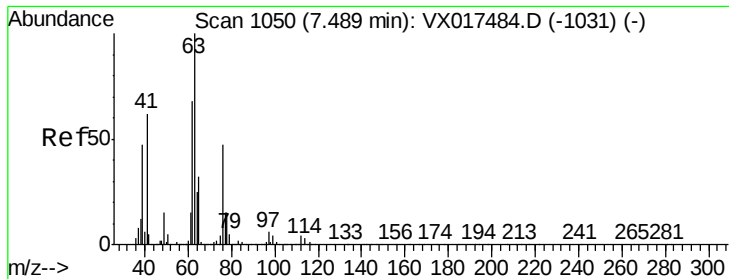
Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	189.0





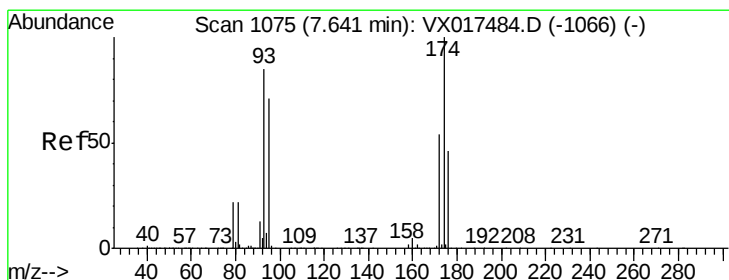
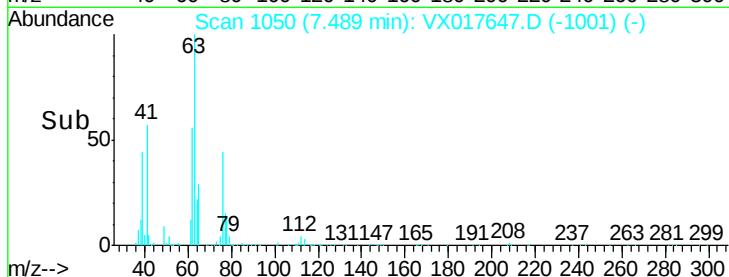
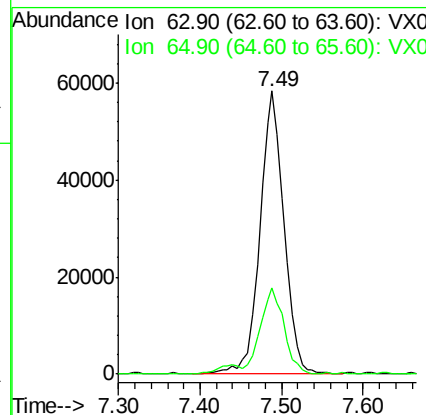
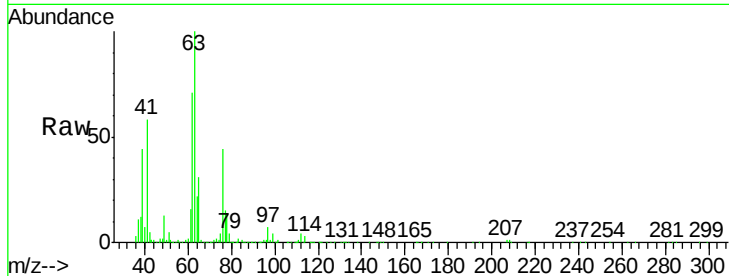
#45
 1,2-Dichloropropane
 Concen: 18.001 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Tgt Ion: 63 Resp: 120417
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7

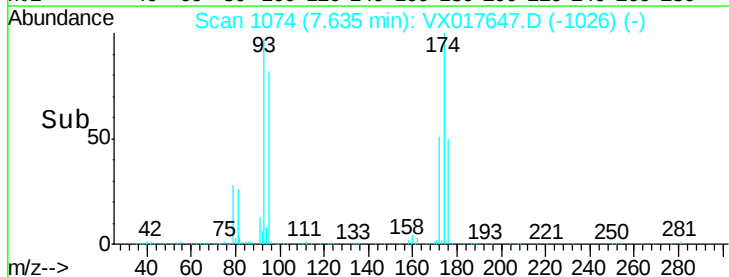
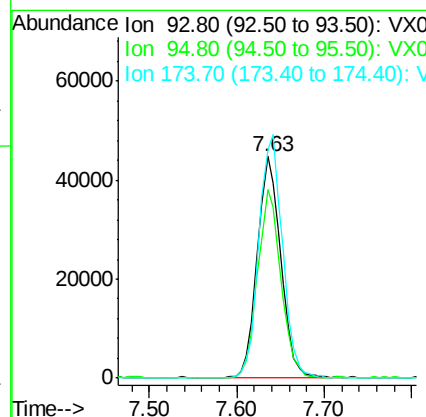
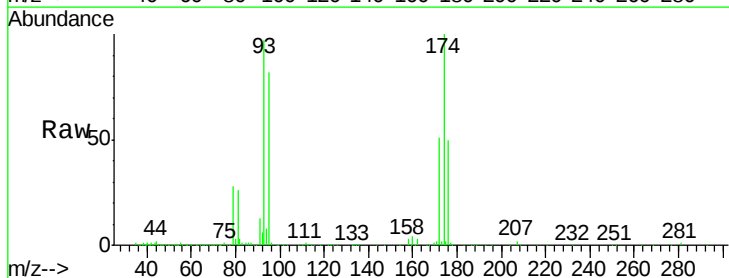
Manual Integrations
 APPROVED

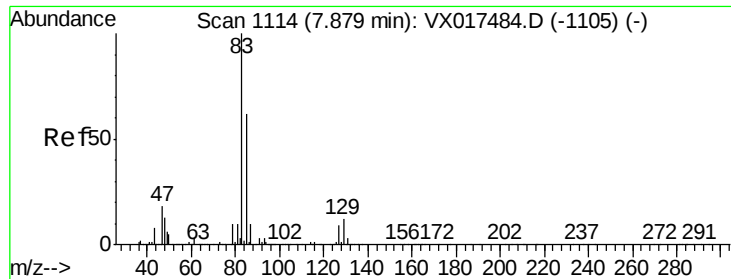
MMDadoda
 7/29/2020 10:49:38 AM



#46
 Dibromomethane
 Concen: 17.798 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Tgt Ion: 93 Resp: 84141
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 99.8
 174 109.7 87.0 130.6





#47

Bromodichloromethane

Concen: 18.559 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

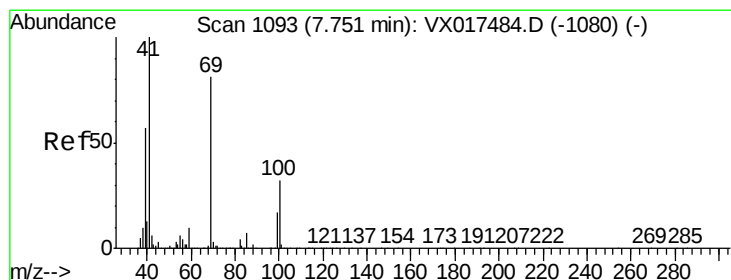
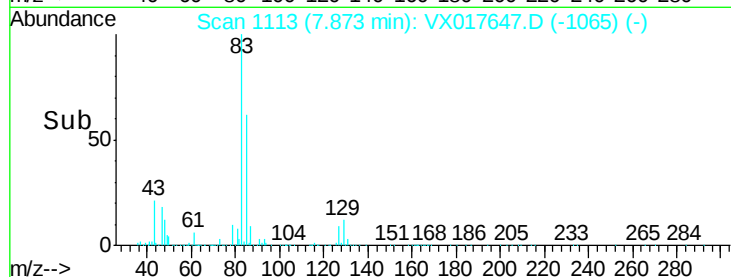
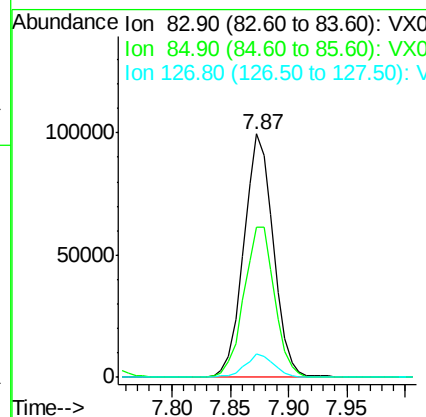
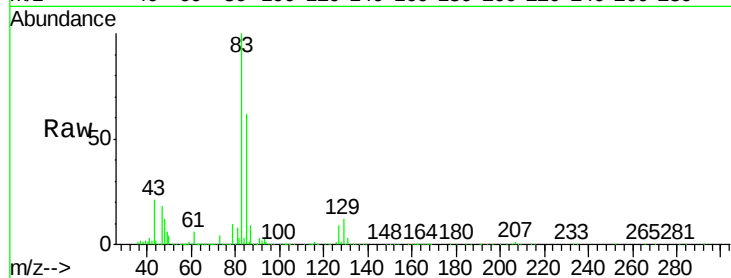
ClientSampleId :

VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	176536		
85	61.5	51.8	77.8	
127	9.4	7.4	11.2	

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#48

Methyl methacrylate

Concen: 17.551 ug/l

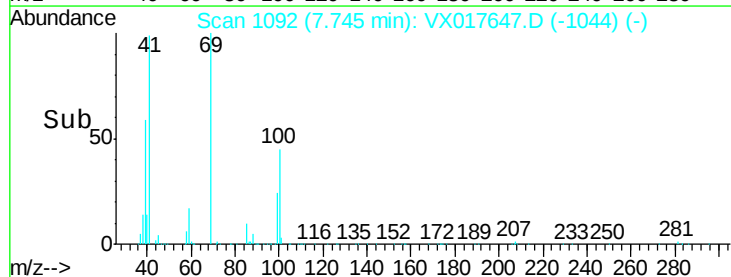
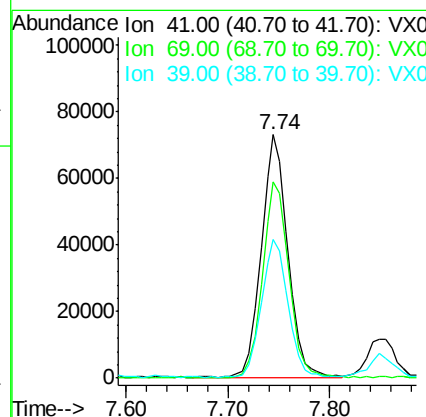
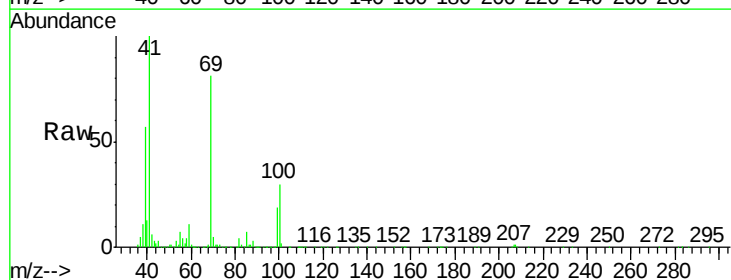
RT: 7.74 min Scan# 1092

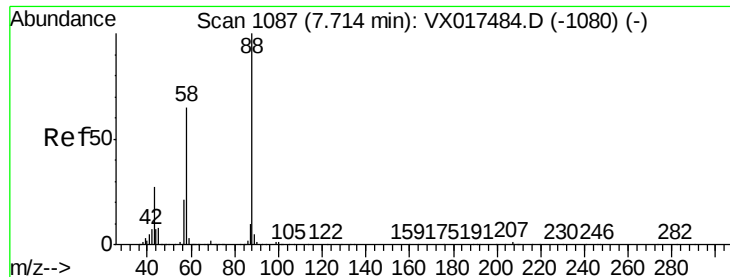
Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	132189		
69	80.8	63.1	94.7	
39	56.6	45.1	67.7	





#49

1,4-Dioxane

Concen: 347.380 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

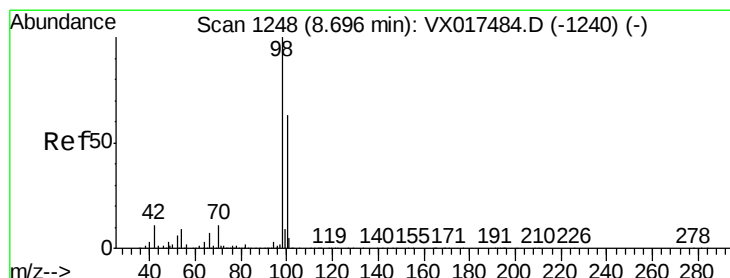
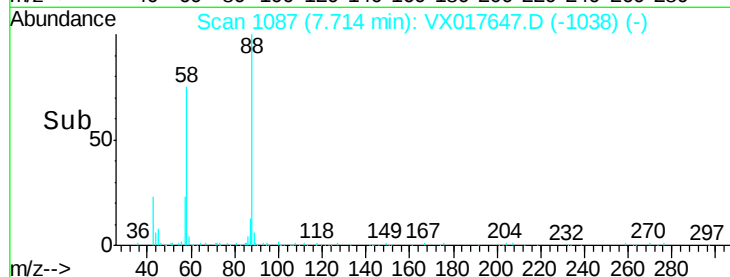
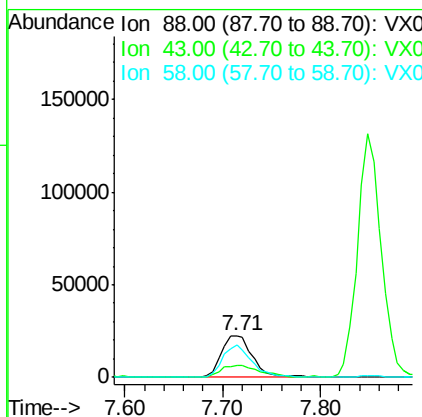
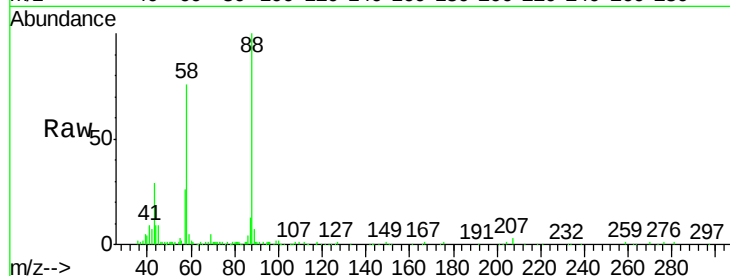
ClientSampleId :

VX0728WBSD01

Tgt Ion:	88	Resp:	50163
Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.8	41.6
58	72.3	58.3	87.5

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#50

Toluene-d8

Concen: 47.881 ug/l

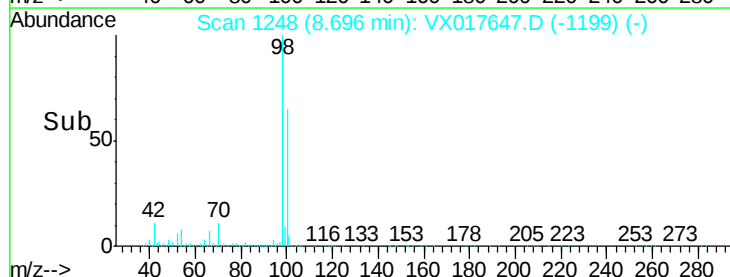
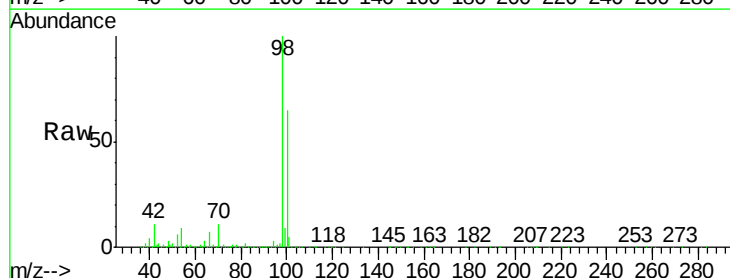
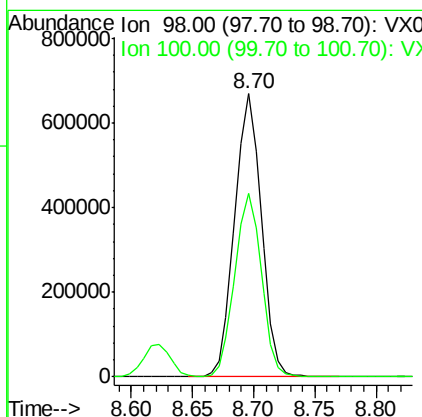
RT: 8.70 min Scan# 1248

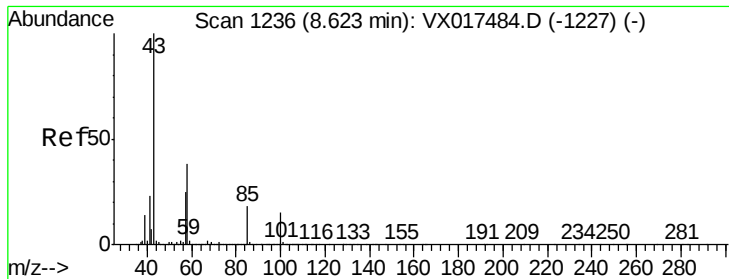
Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion:	98	Resp:	1013808
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 90.537 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 43 Resp: 820816

Ion Ratio Lower Upper

43 100

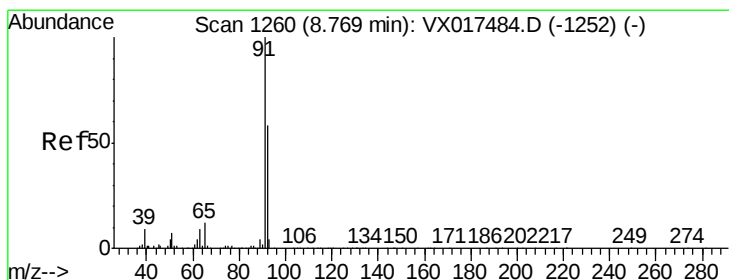
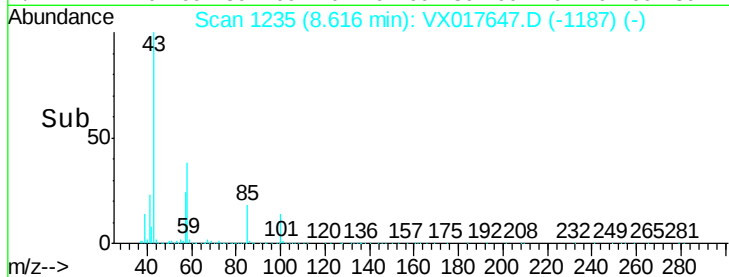
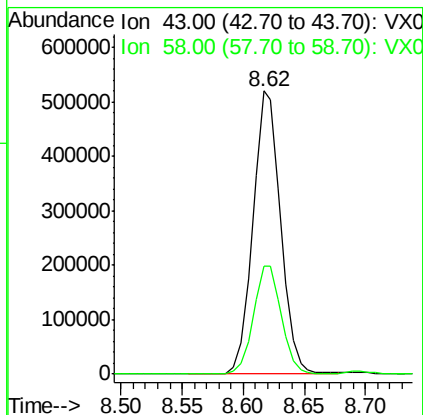
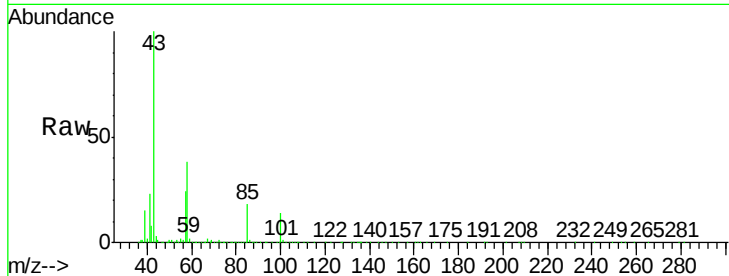
58 38.6 31.0 46.4

Manual Integrations

APPROVED

MMDadoda

7/29/2020 10:49:38 AM



#52

Toluene

Concen: 18.368 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017647.D

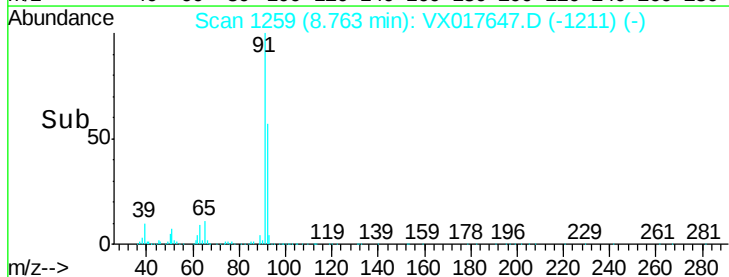
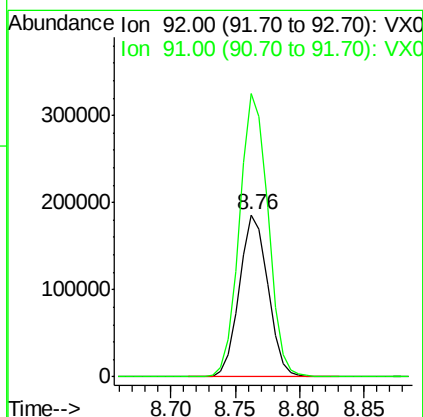
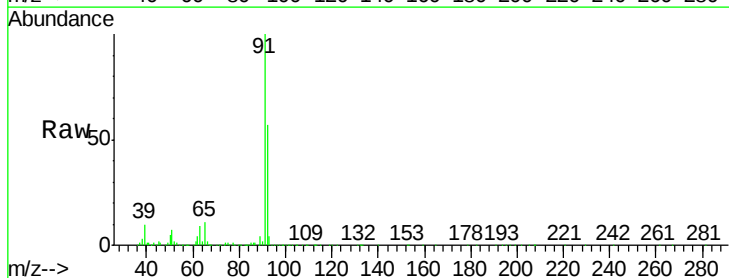
Acq: 28 Jul 2020 12:52

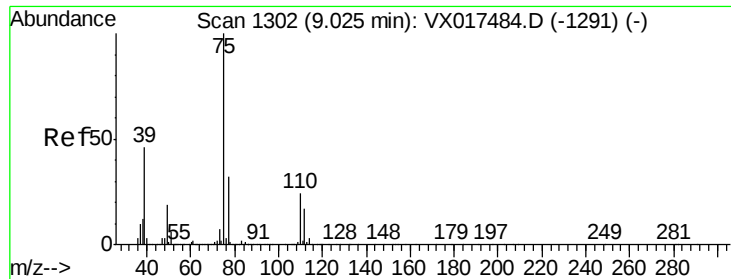
Tgt Ion: 92 Resp: 284256

Ion Ratio Lower Upper

92 100

91 175.8 137.6 206.4





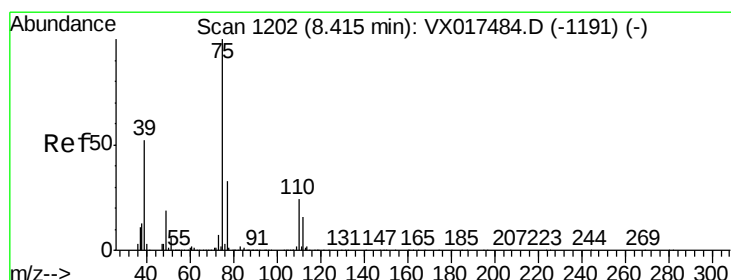
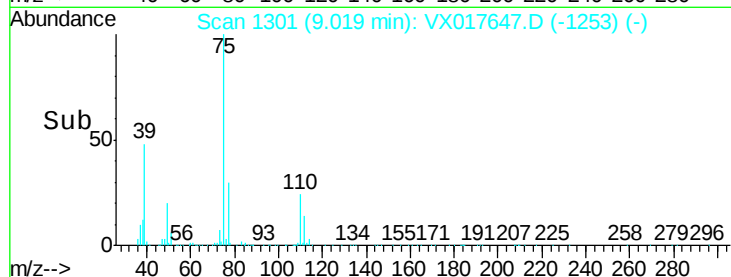
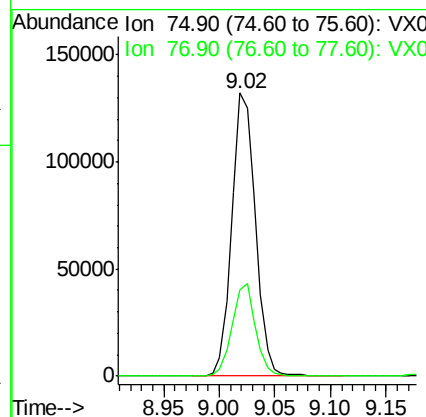
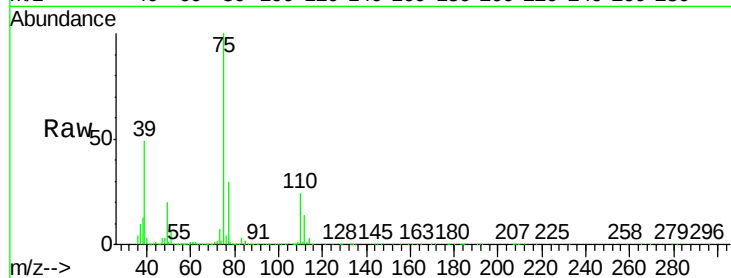
#53
t-1,3-Dichloropropene
Concen: 18.221 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion: 75 Resp: 194023
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3

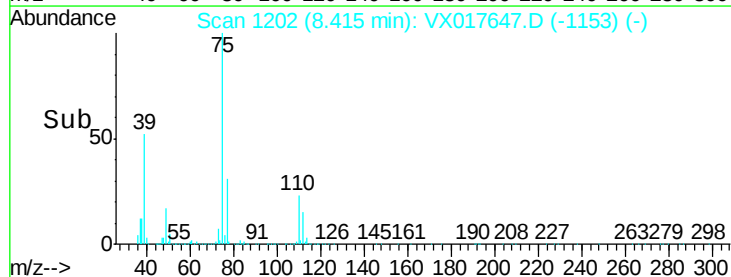
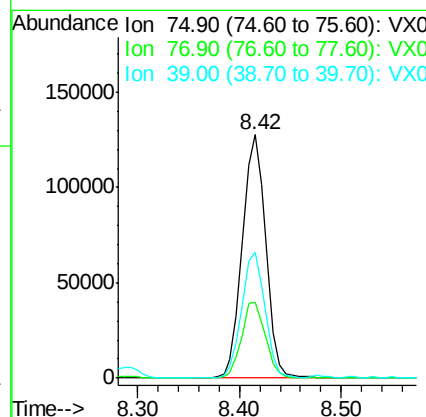
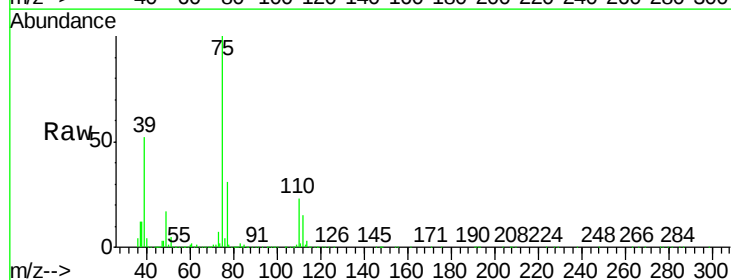
Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#54
cis-1,3-Dichloropropene
Concen: 18.643 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion: 75 Resp: 202479
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 51.4 41.8 62.8





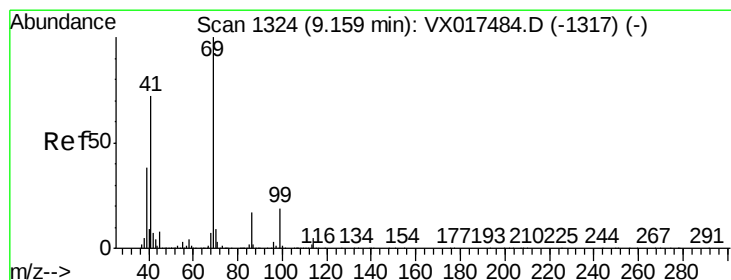
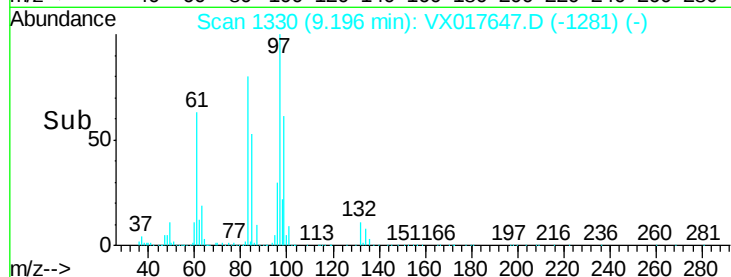
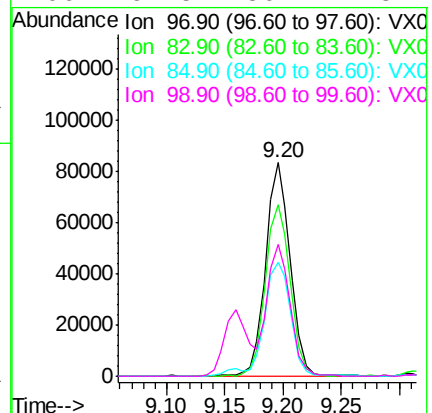
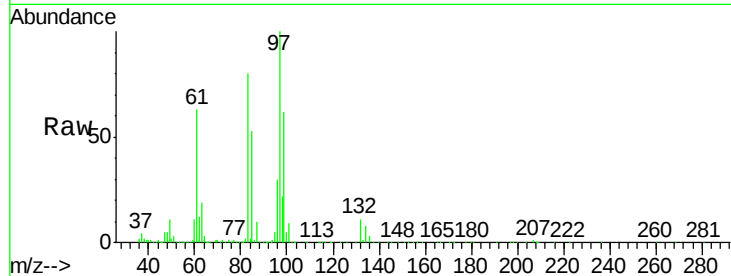
#55
 1,1,2-Trichloroethane
 Concen: 19.045 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	122775		
83	80.3	67.6	101.4	
85	53.3	44.6	67.0	
99	61.5	50.2	75.4	

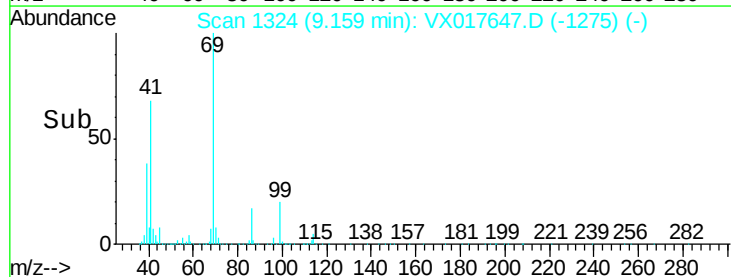
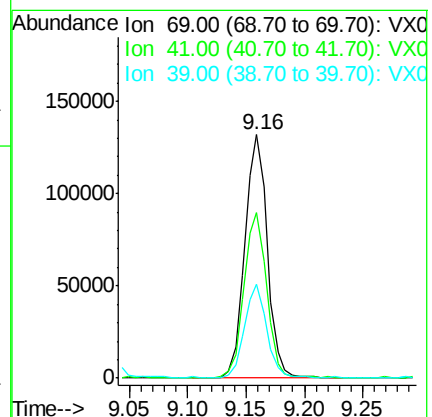
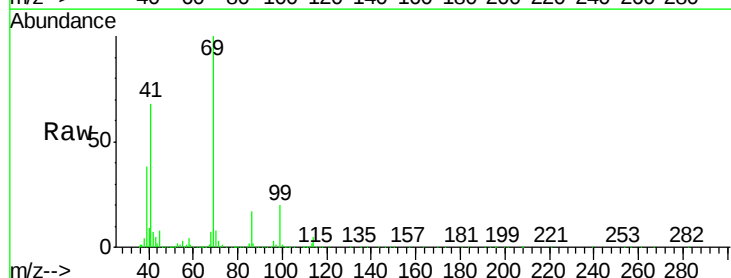
Manual Integrations
 APPROVED

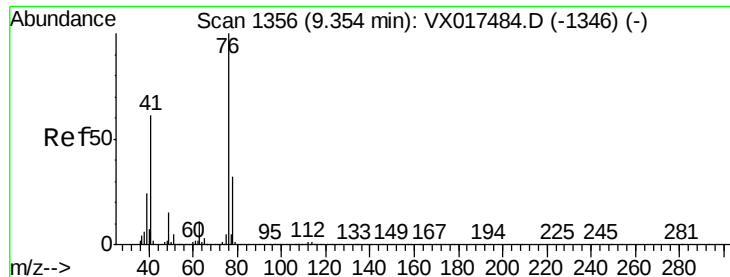
MMDadoda
 7/29/2020 10:49:38 AM



#56
 Ethyl methacrylate
 Concen: 18.362 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	178342		
41	68.9	55.0	82.6	
39	37.5	30.0	45.0	





#57

1,3-Dichloropropane

Concen: 18.834 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 76 Resp: 199931

Ion Ratio Lower Upper

76 100

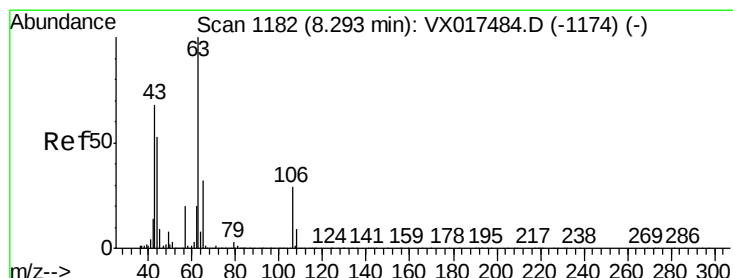
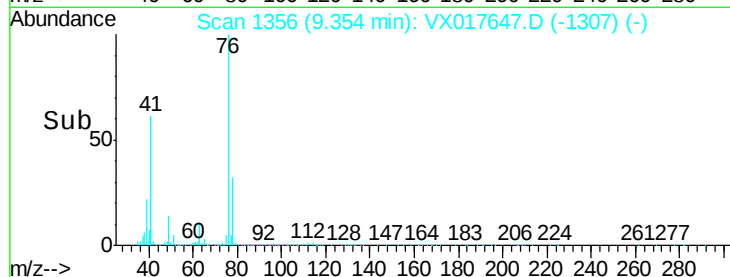
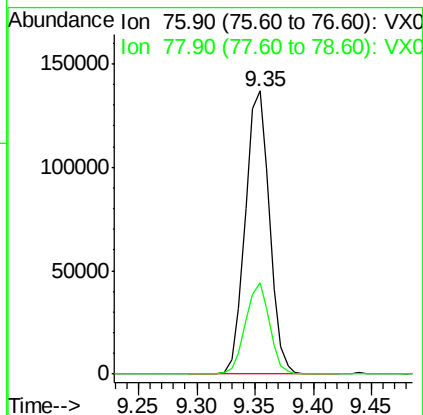
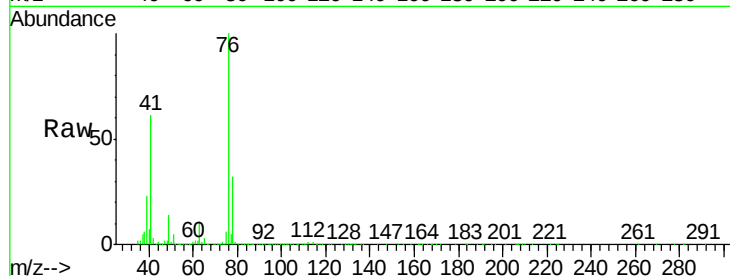
78 32.0 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

7/29/2020 10:49:38 AM



#58

2-Chloroethyl Vinyl ether

Concen: 88.297 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017647.D

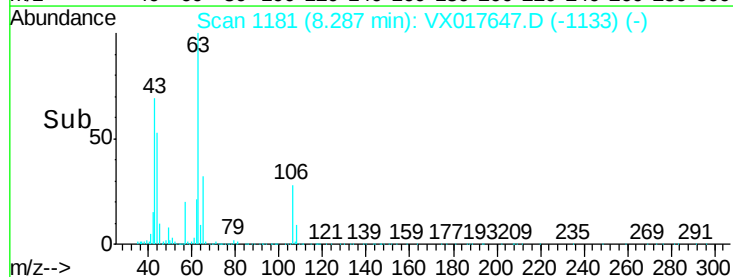
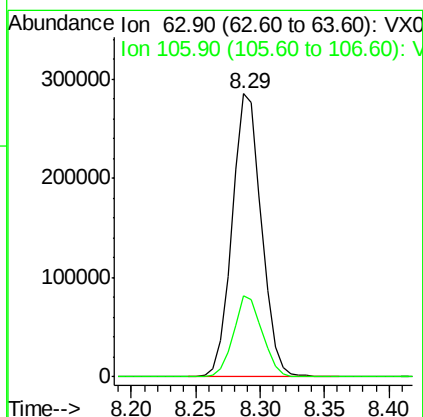
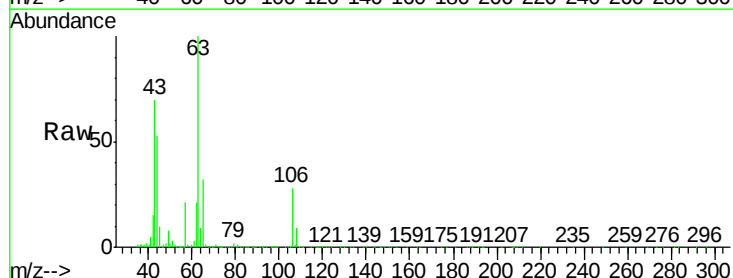
Acq: 28 Jul 2020 12:52

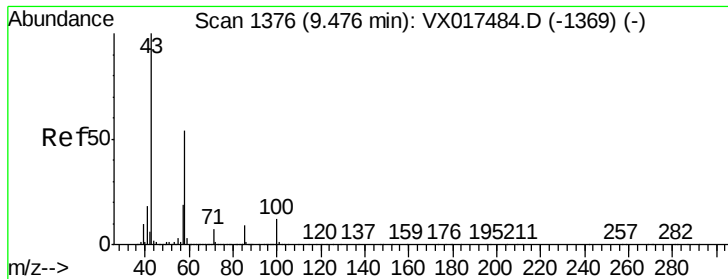
Tgt Ion: 63 Resp: 451808

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0





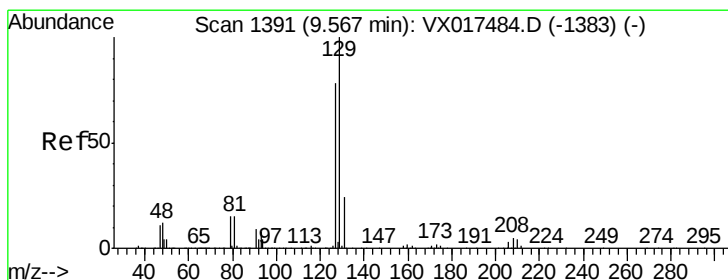
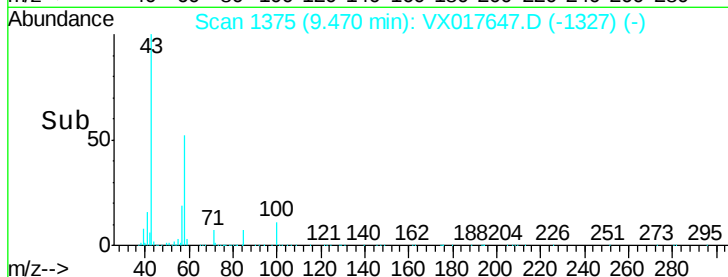
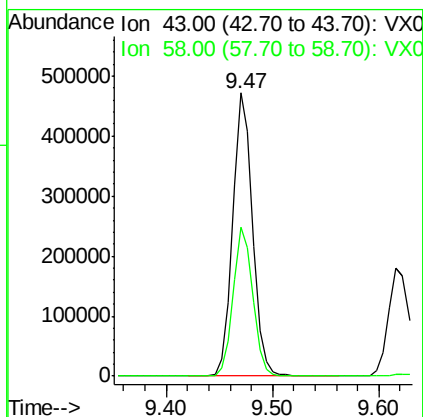
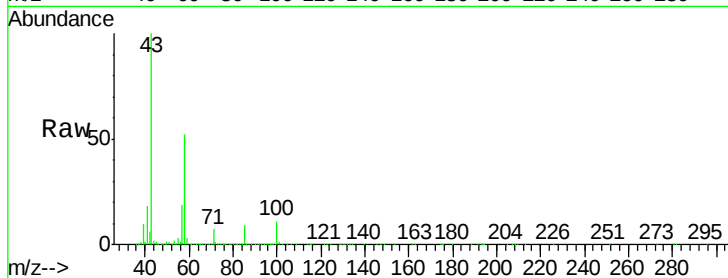
#59
2-Hexanone
Concen: 90.345 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion: 43 Resp: 616669
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.8

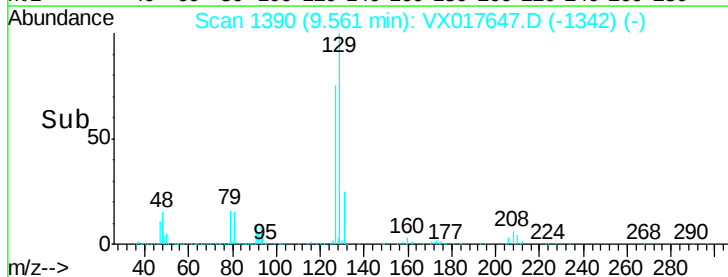
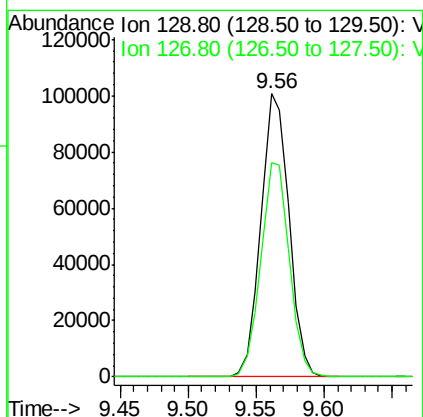
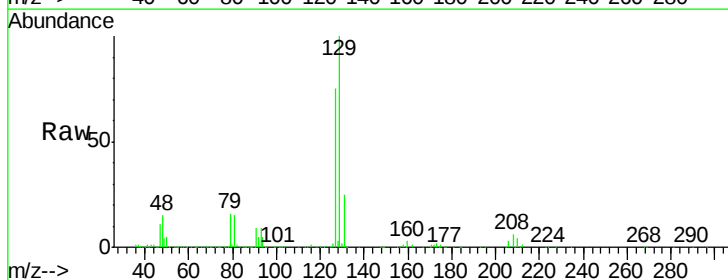
Manual Integrations
APPROVED

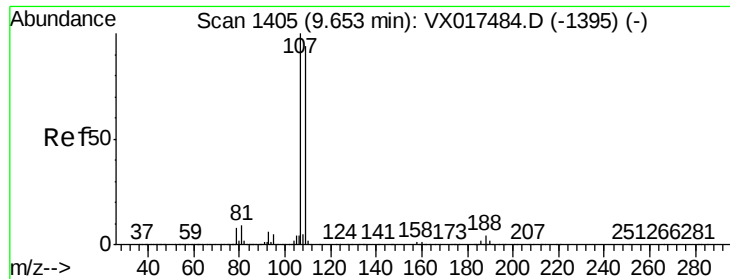
MMDadoda
7/29/2020 10:49:38 AM



#60
Dibromochloromethane
Concen: 17.976 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion: 129 Resp: 147295
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.272 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 107 Resp: 132274

Ion Ratio Lower Upper

107 100

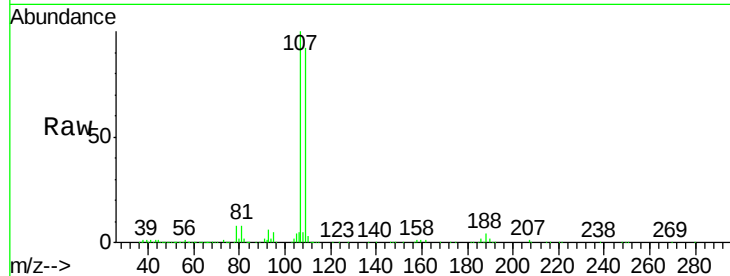
109 91.5 74.9 112.3

Manual Integrations

APPROVED

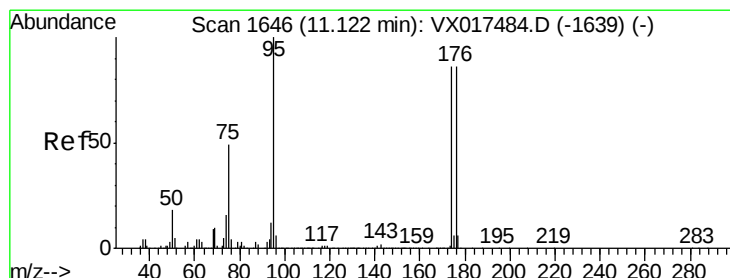
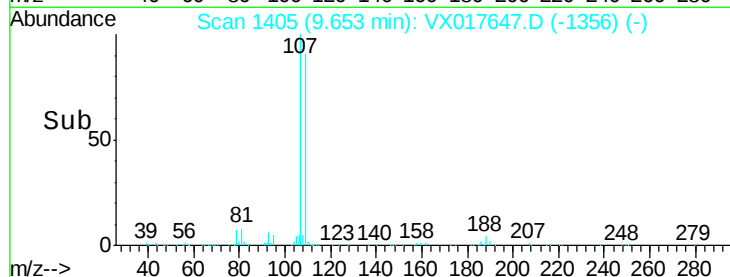
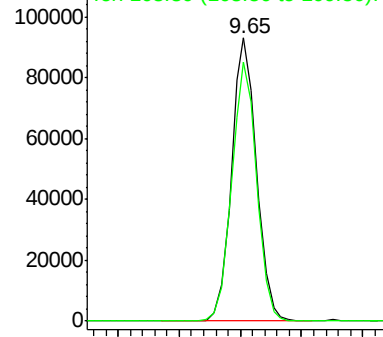
MMDadoda

7/29/2020 10:49:38 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.498 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

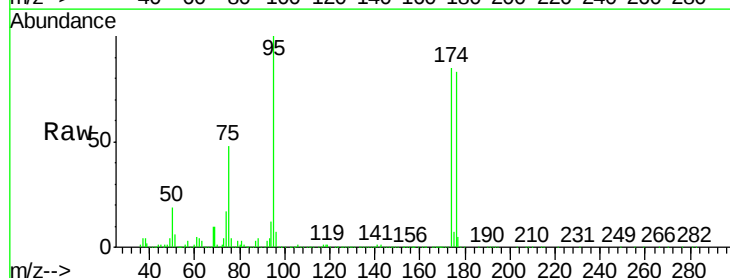
Tgt Ion: 95 Resp: 402478

Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

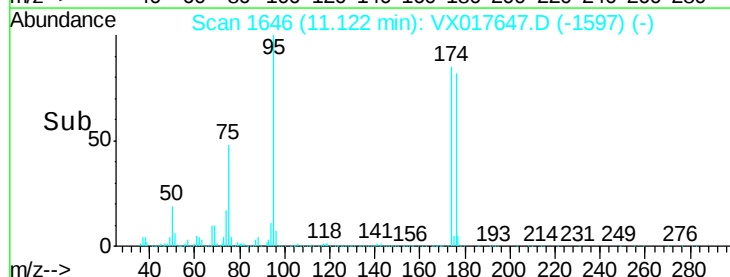
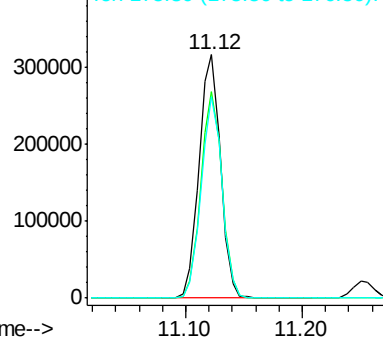
176 81.2 0.0 161.0

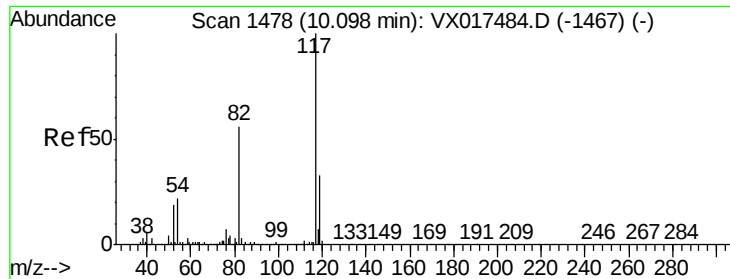


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





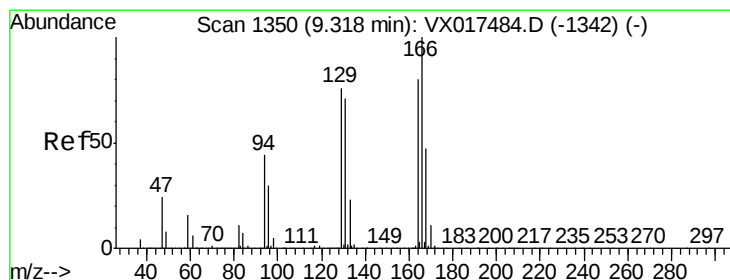
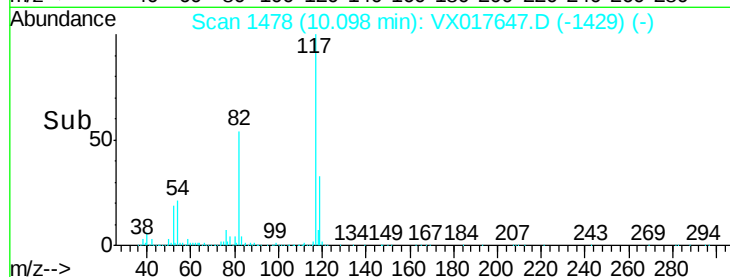
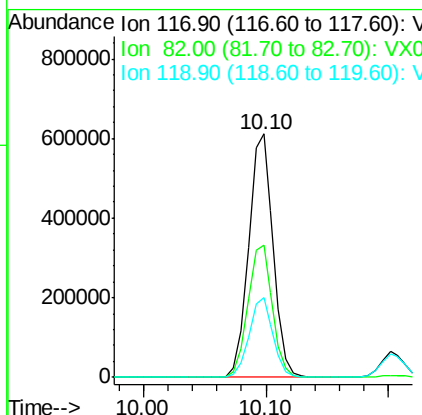
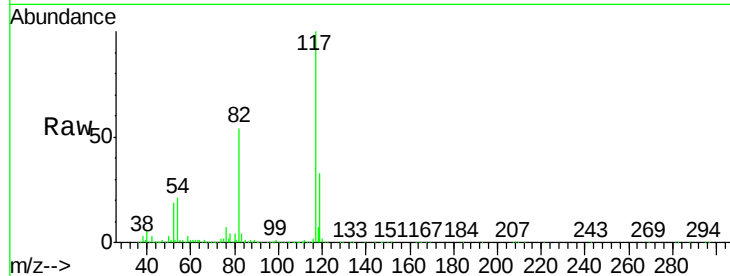
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	844907		
82	54.2	44.0	66.0	
119	32.6	25.4	38.0	

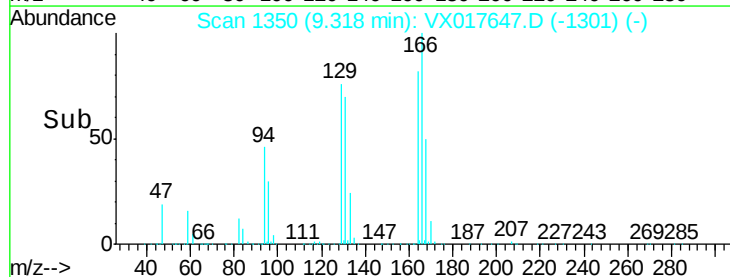
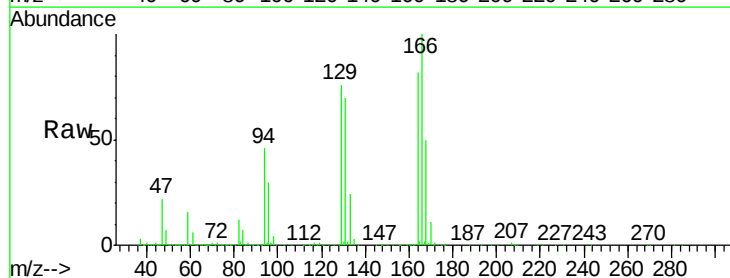
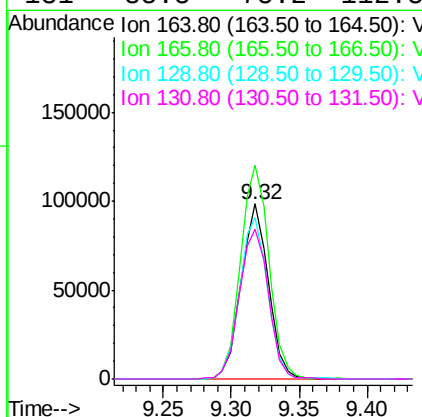
Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#64
Tetrachloroethene
Concen: 18.236 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	138286		
166	121.9	100.6	150.8	
129	92.3	75.0	112.6	
131	85.5	75.2	112.8	





#65

Chlorobenzene

Concen: 17.627 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion:112 Resp: 322373

Ion Ratio Lower Upper

112 100

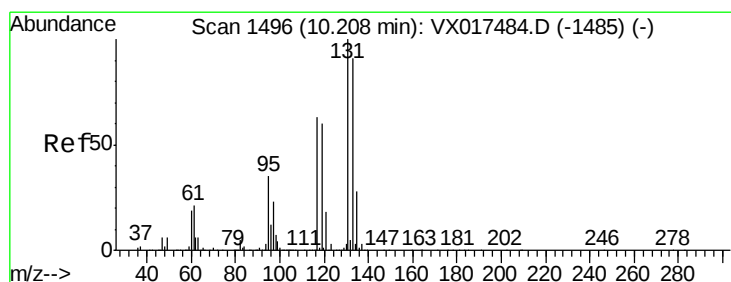
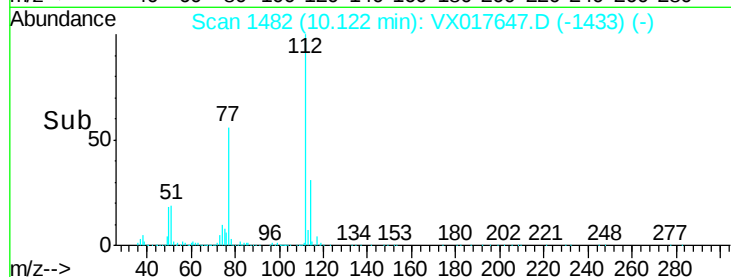
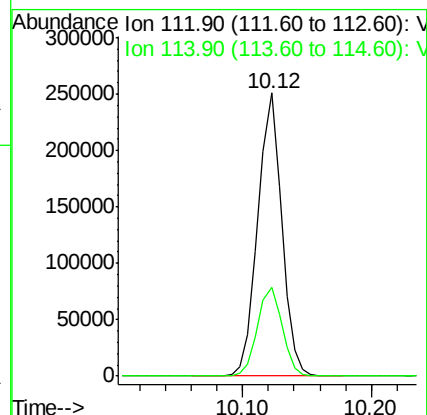
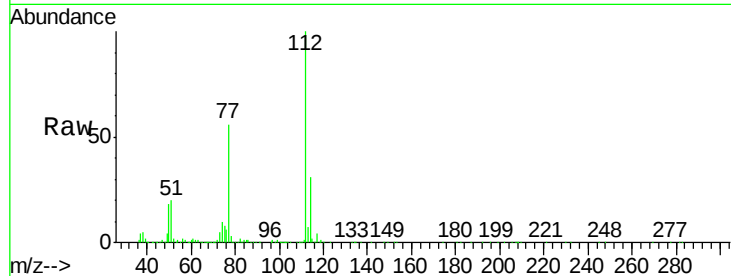
114 31.3 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

7/29/2020 10:49:38 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 17.854 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

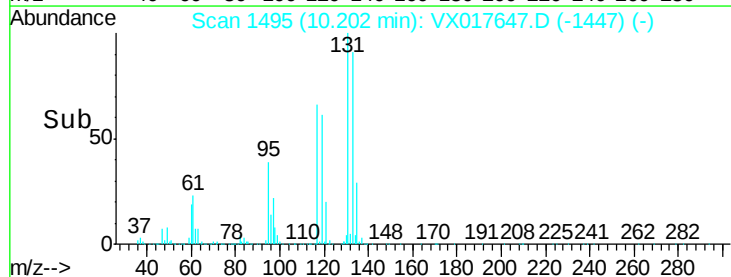
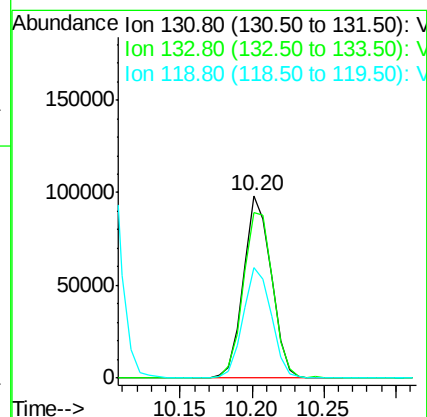
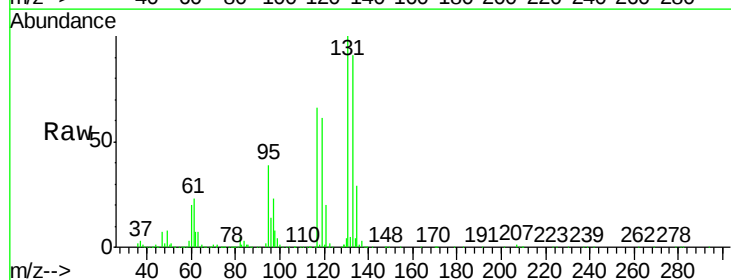
Tgt Ion:131 Resp: 131782

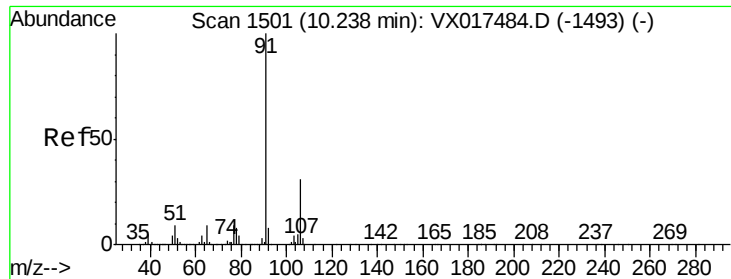
Ion Ratio Lower Upper

131 100

133 96.3 47.9 143.6

119 61.3 31.1 93.3





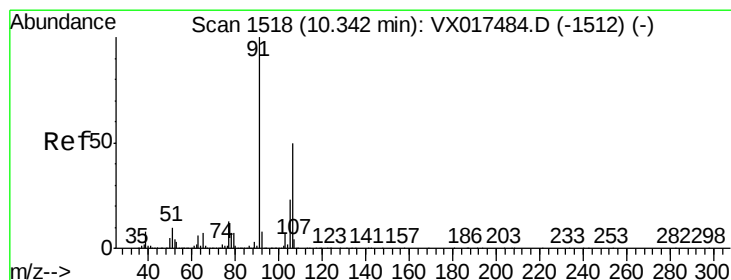
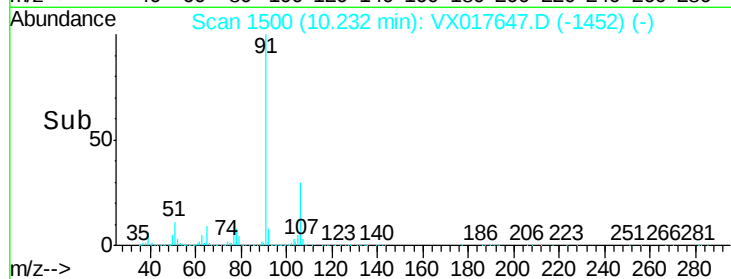
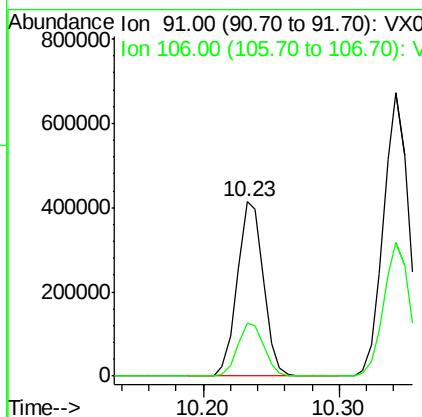
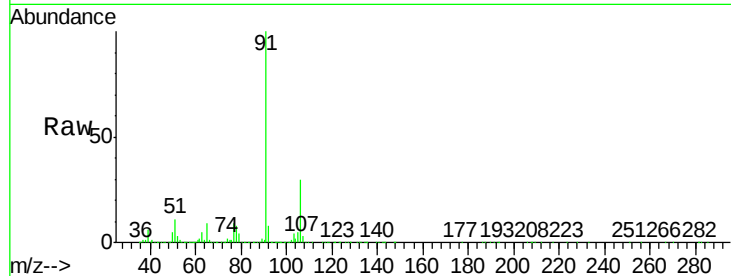
#67
Ethyl Benzene
Concen: 18.136 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion: 91 Resp: 553650
Ion Ratio Lower Upper
91 100
106 30.0 25.8 38.6

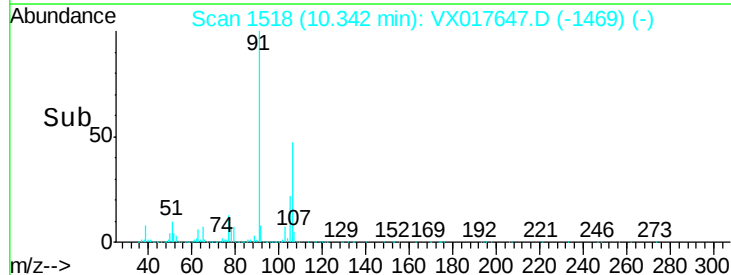
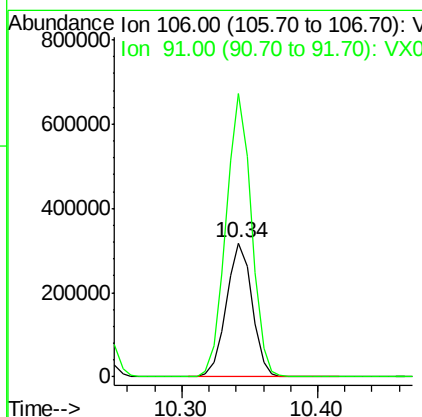
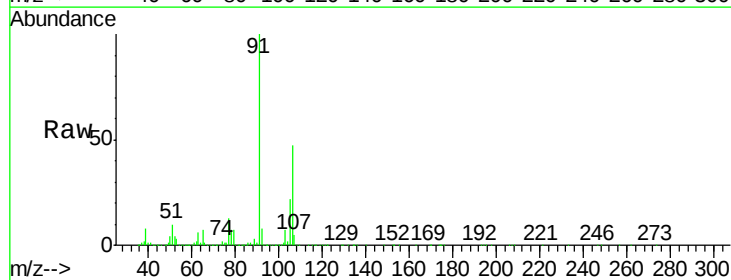
Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#68
m/p-Xylenes
Concen: 35.280 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion: 106 Resp: 417233
Ion Ratio Lower Upper
106 100
91 208.3 160.9 241.3





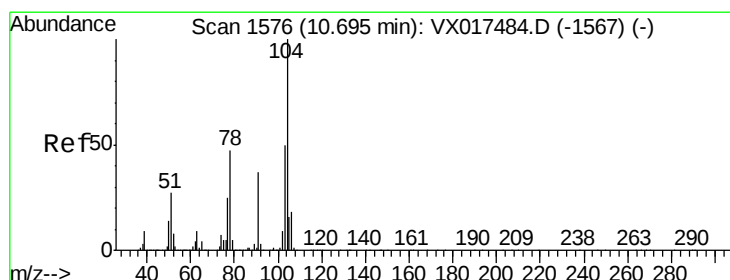
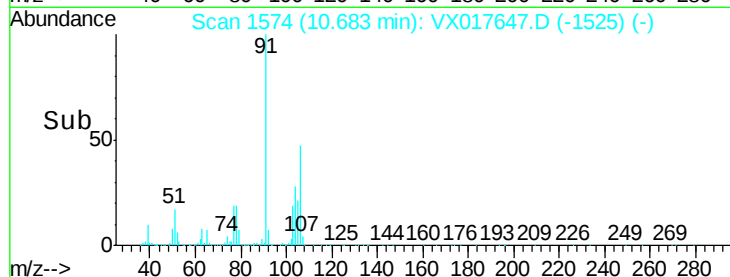
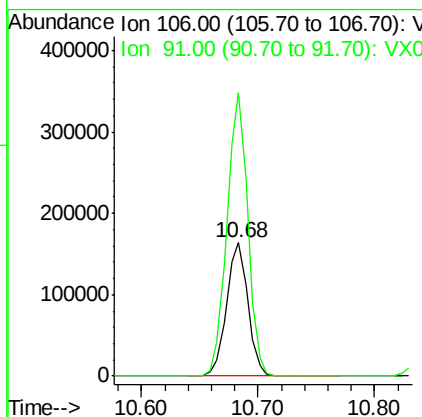
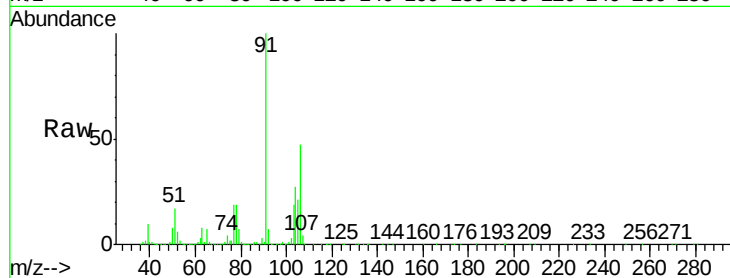
#69
o-Xylene
Concen: 18.357 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	208798		
91	206.5	108.2	324.6	

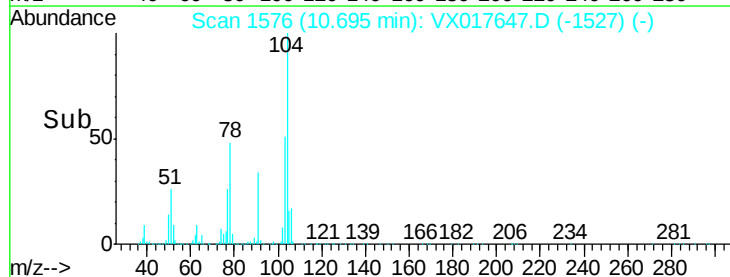
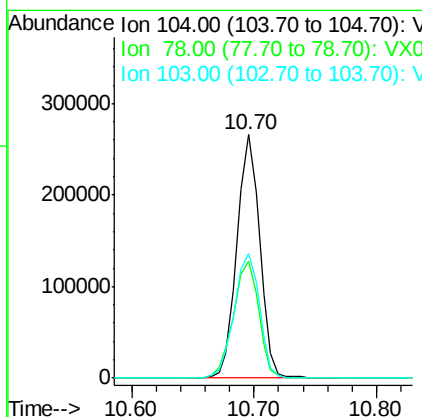
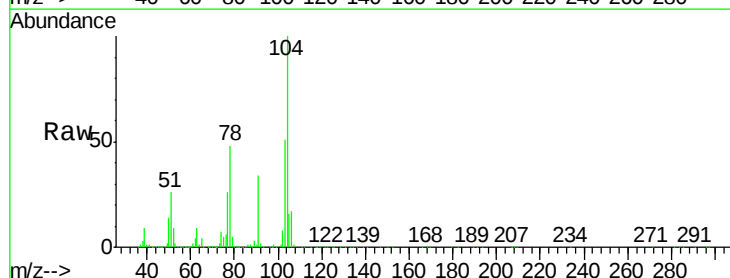
Manual Integrations
APPROVED

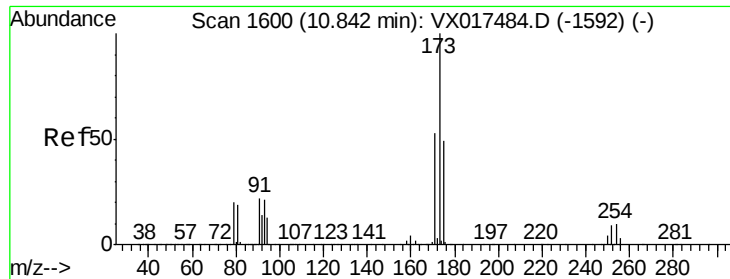
MMDadoda
7/29/2020 10:49:38 AM



#70
Styrene
Concen: 17.729 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	343095		
78	53.5	42.5	63.7	
103	56.8	44.3	66.5	





#71

Bromoform

Concen: 17.876 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion:173 Resp: 114311

Ion Ratio Lower Upper

173 100

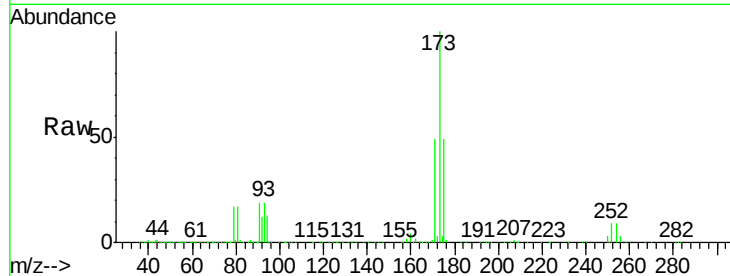
175 49.2 23.8 71.5

254 0.1 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda

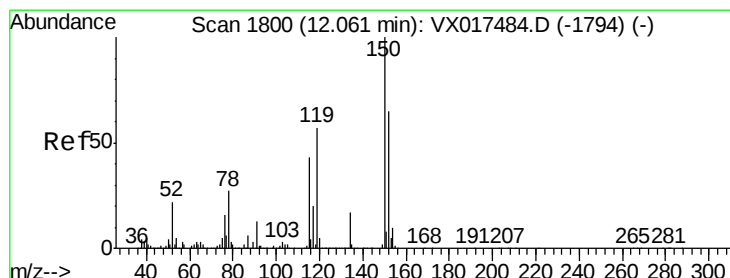
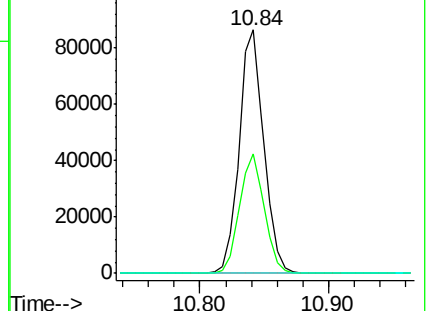
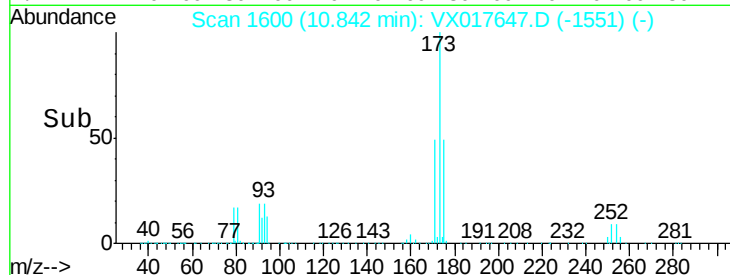
7/29/2020 10:49:38 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

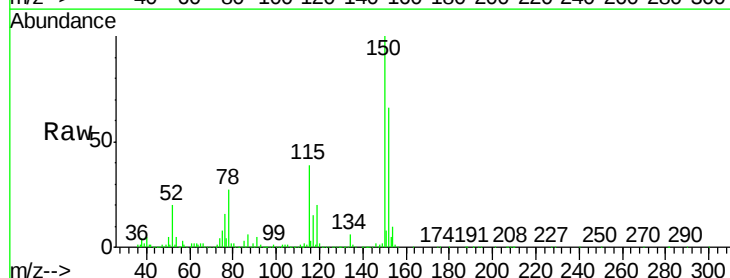
Tgt Ion:152 Resp: 460354

Ion Ratio Lower Upper

152 100

115 65.3 65.5 196.6#

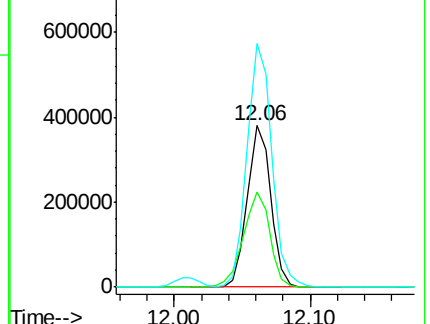
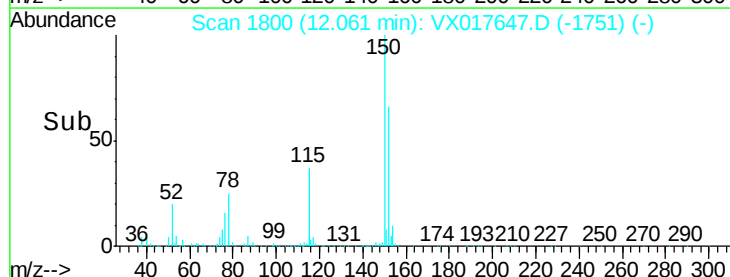
150 159.3 0.0 412.6

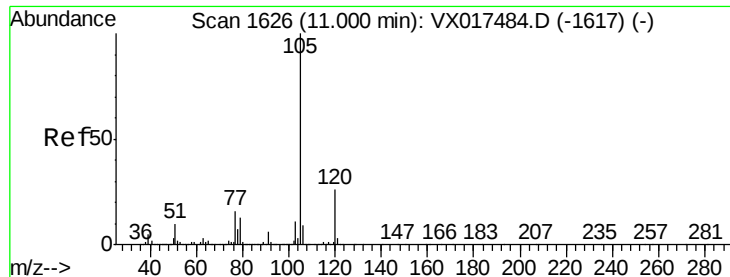


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.677 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 105 Resp: 558260

Ion Ratio Lower Upper

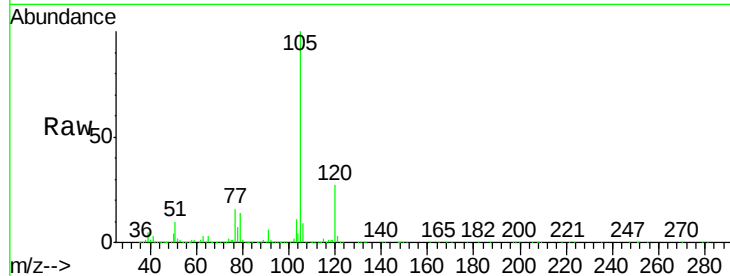
105 100

120 26.7 13.3 39.8

Manual Integrations
APPROVED

MMDadoda

7/29/2020 10:49:38 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

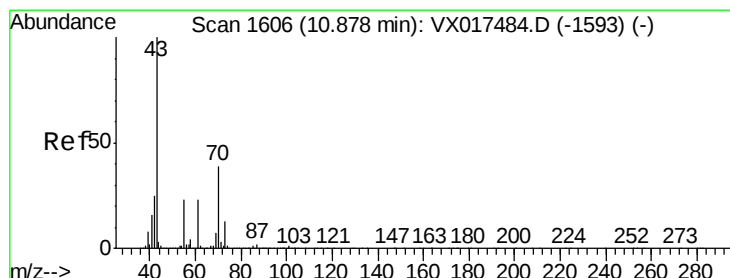
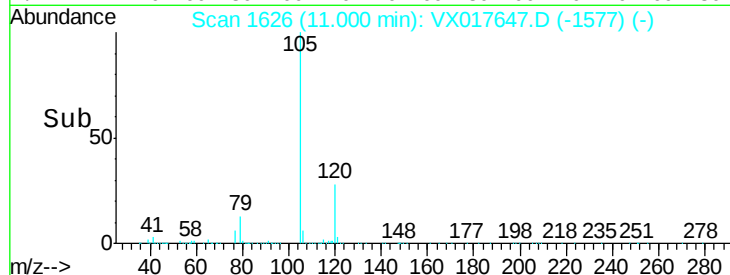
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 16.759 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion: 43 Resp: 235158

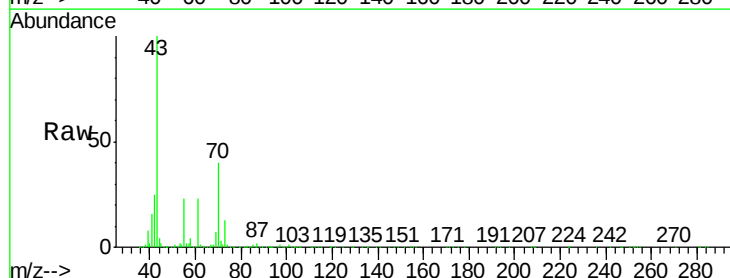
Ion Ratio Lower Upper

43 100

70 40.5 32.3 48.5

55 24.1 18.4 27.6

61 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

200000

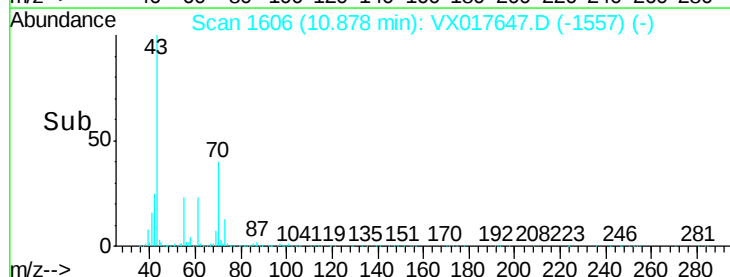
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.035 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 83 Resp: 167921

Ion Ratio Lower Upper

83 100

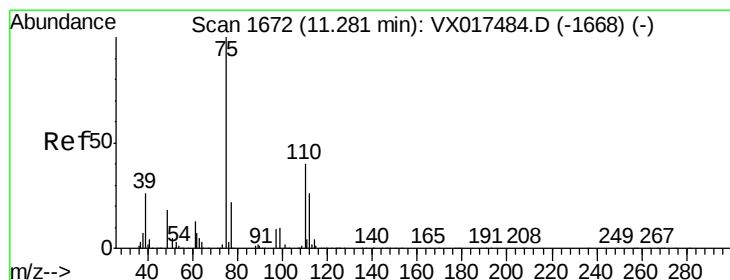
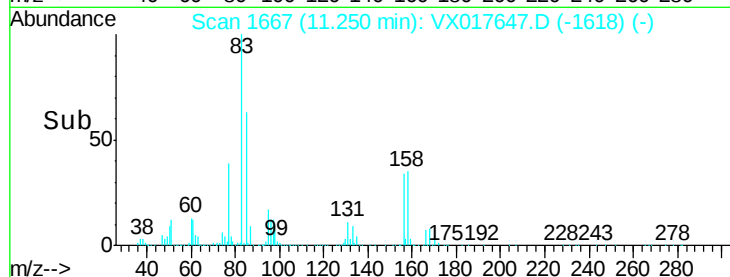
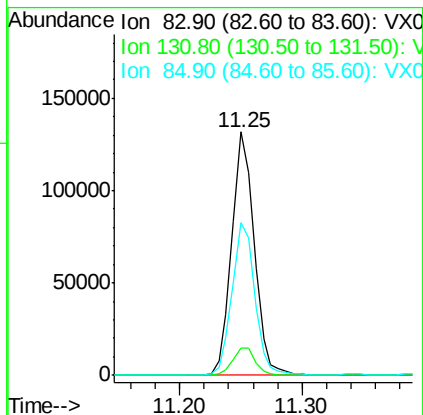
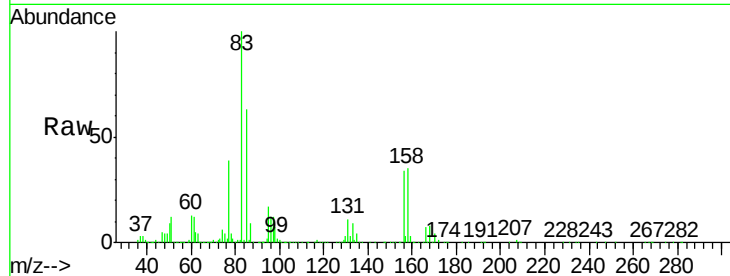
131 11.6 5.5 16.5

85 63.6 32.1 96.3

Manual Integrations
APPROVED

MMDadoda

7/29/2020 10:49:38 AM



#76

1,2,3-Trichloropropane

Concen: 17.688 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017647.D

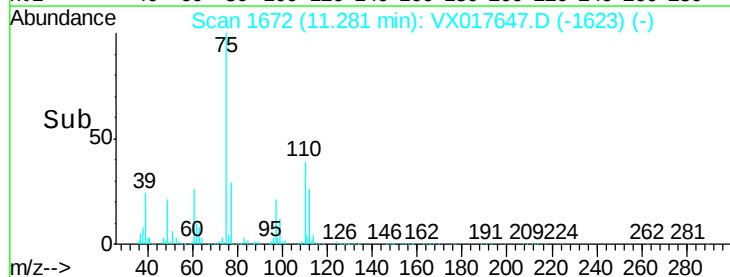
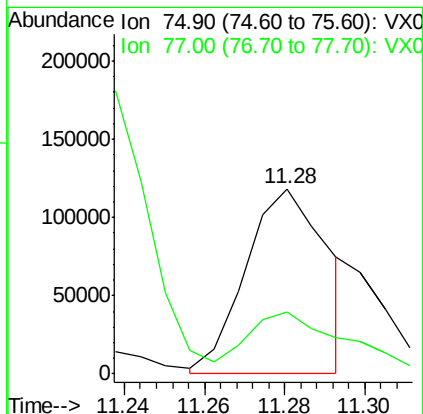
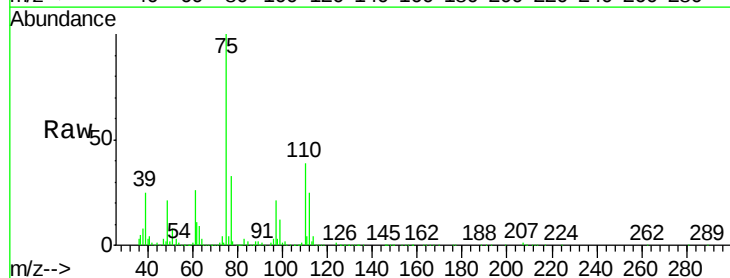
Acq: 28 Jul 2020 12:52

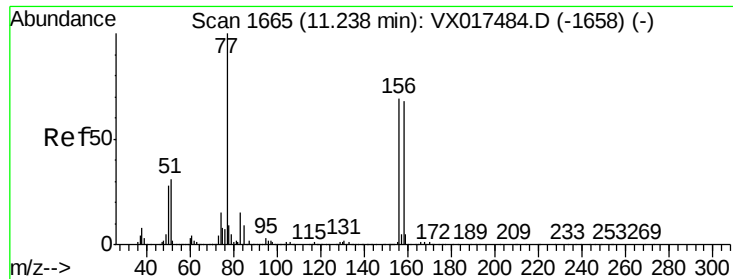
Tgt Ion: 75 Resp: 167498

Ion Ratio Lower Upper

75 100

77 40.2 21.8 65.3





#77

Bromobenzene

Concen: 16.978 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Instrument :

MSVOA_X

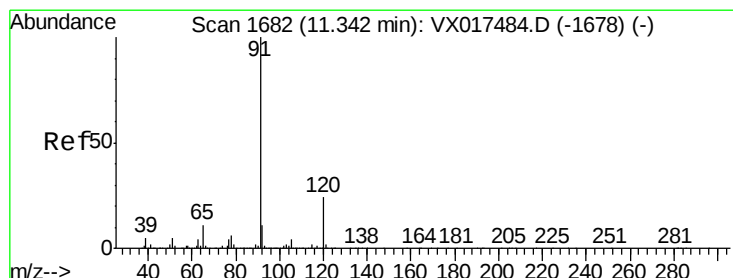
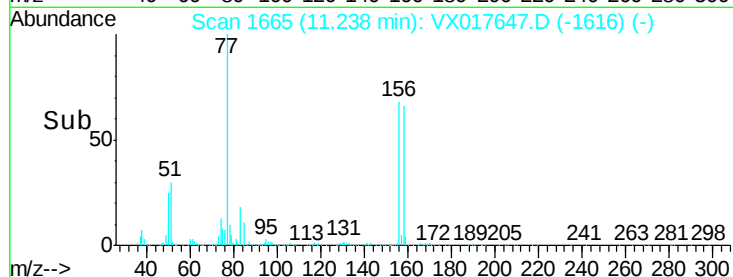
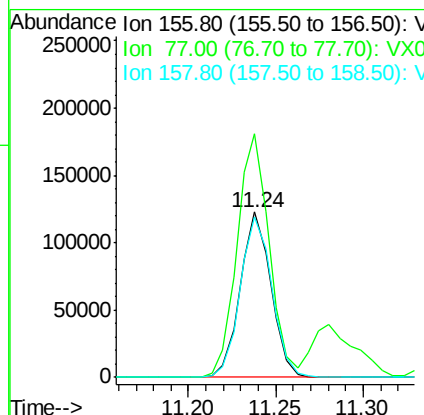
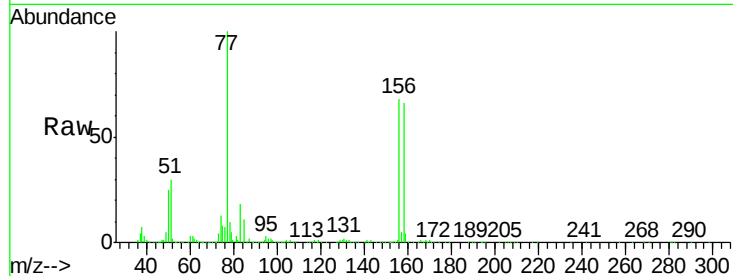
ClientSampleId :

VX0728WBSD01

Tgt Ion:	156	Resp:	150107
Ion Ratio	Lower	Upper	
156	100		
77	153.3	75.0	225.0
158	100.3	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#78

n-propylbenzene

Concen: 17.838 ug/l

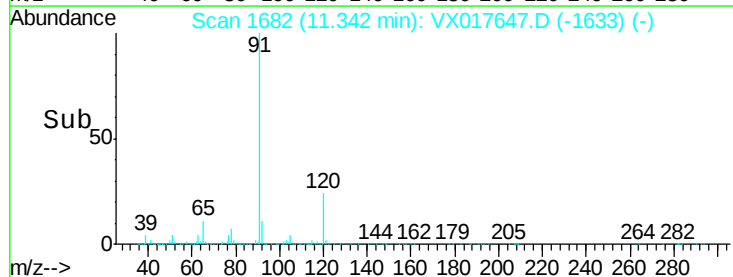
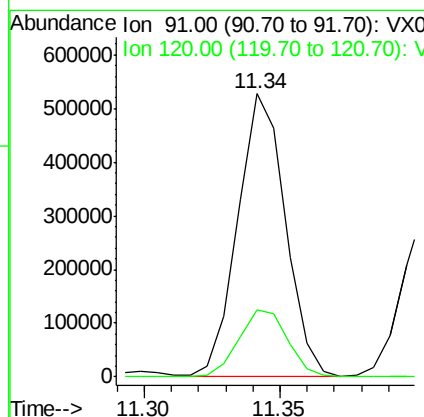
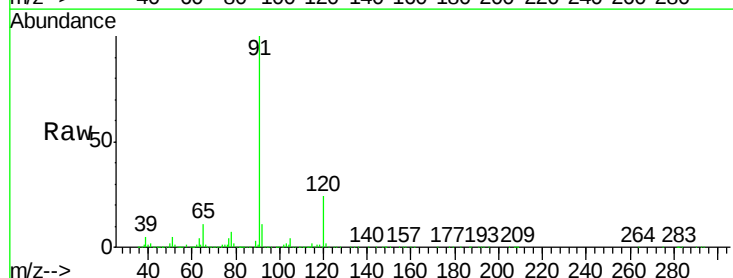
RT: 11.34 min Scan# 1682

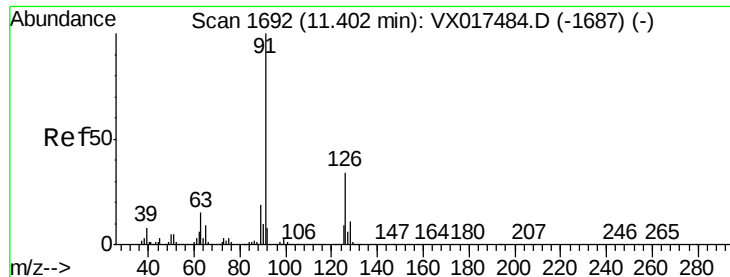
Delta R.T. 0.00 min

Lab File: VX017647.D

Acq: 28 Jul 2020 12:52

Tgt Ion:	91	Resp:	635378
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.2	36.4





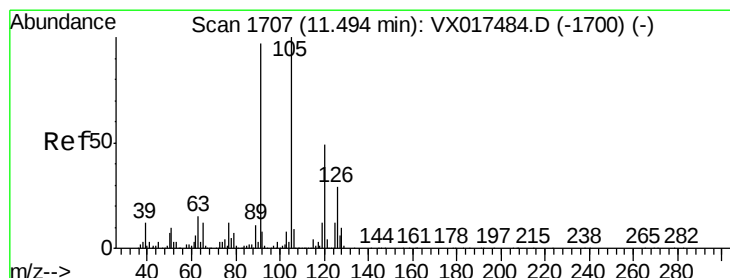
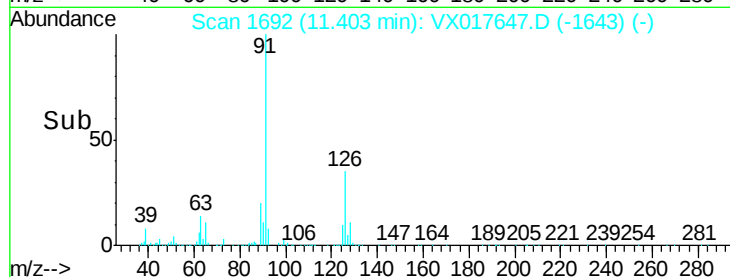
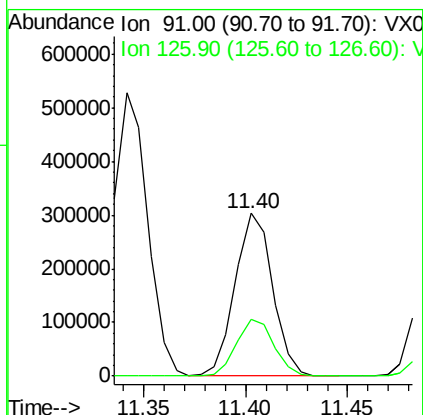
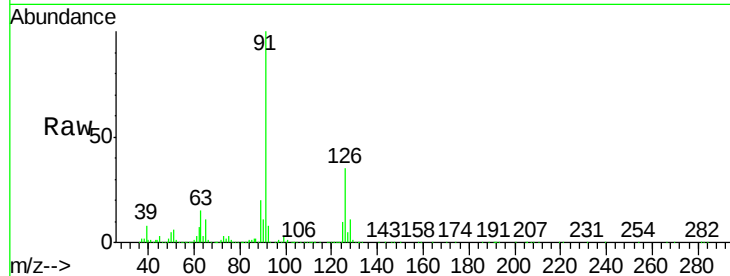
#79
2-Chlorotoluene
Concen: 17.415 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion: 91 Resp: 384257
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.5

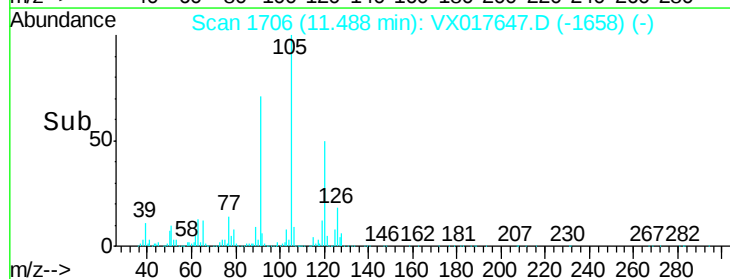
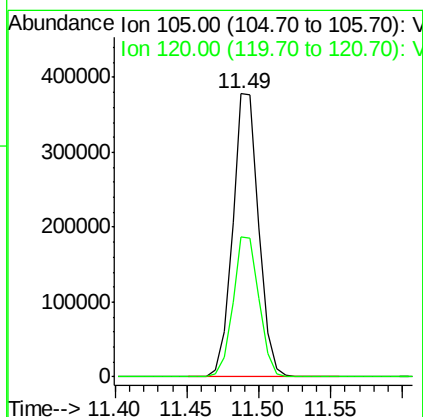
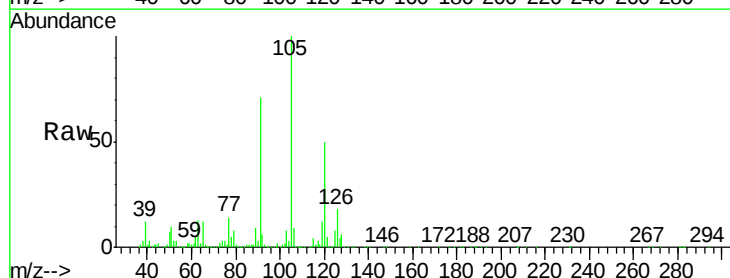
Manual Integrations
APPROVED

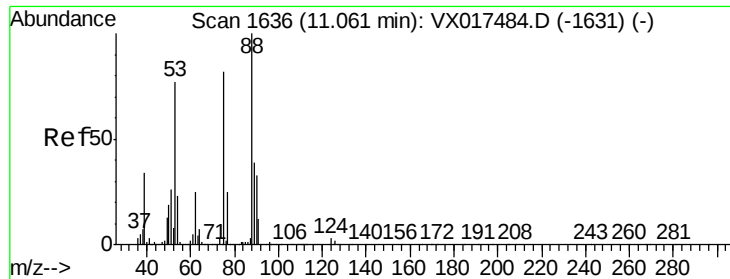
MMDadoda
7/29/2020 10:49:38 AM



#80
1,3,5-Trimethylbenzene
Concen: 17.670 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion: 105 Resp: 476461
Ion Ratio Lower Upper
105 100
120 49.9 24.1 72.3





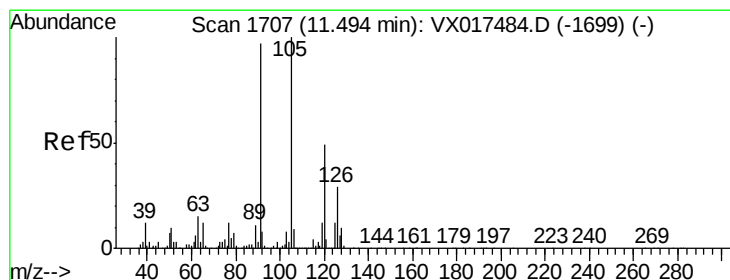
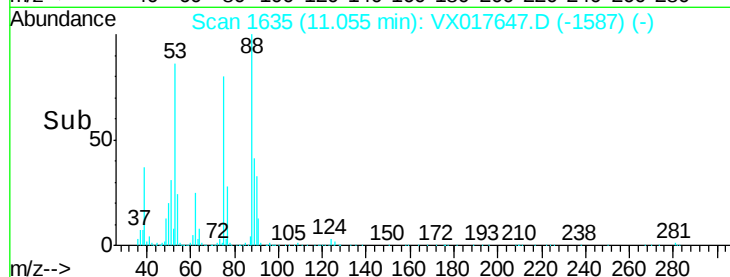
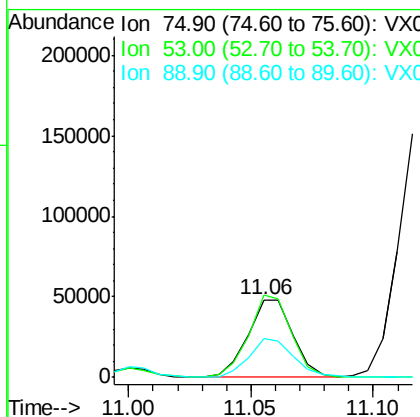
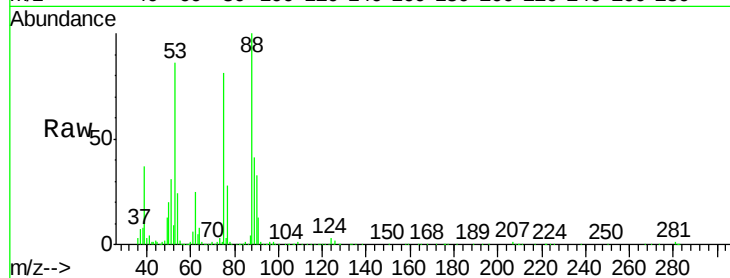
#81
trans-1,4-Dichloro-2-butene
Concen: 16.375 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.0	75.9	113.9
89	50.8	37.8	56.6

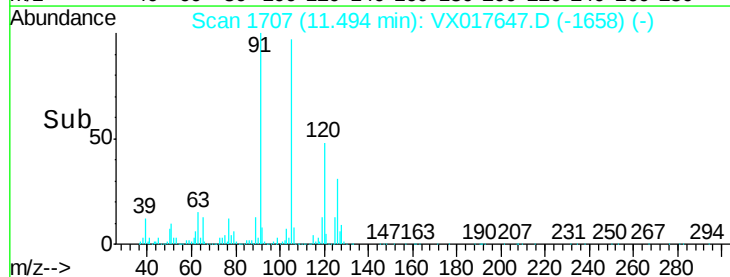
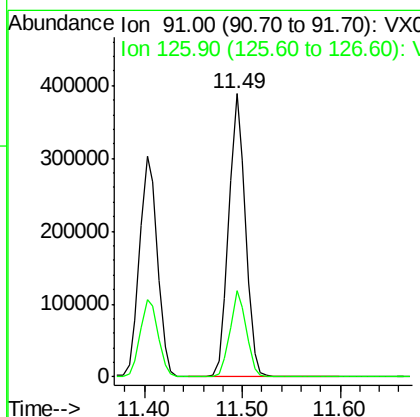
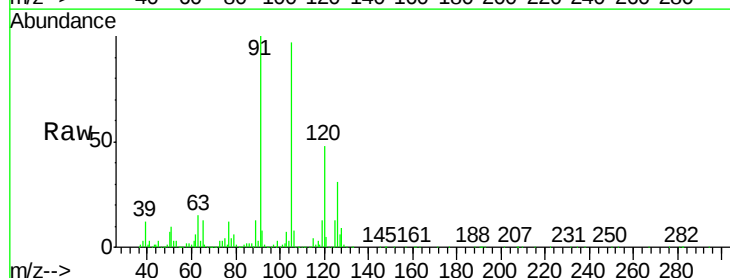
Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#82
4-Chlorotoluene
Concen: 17.720 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.2	45.6





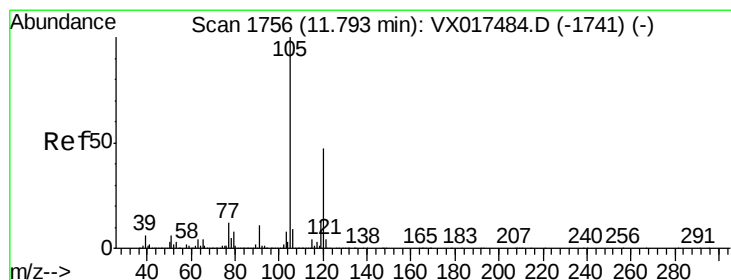
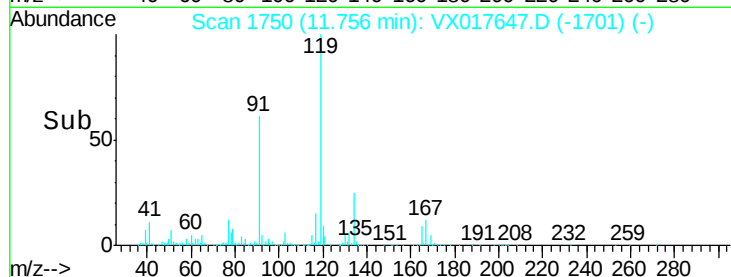
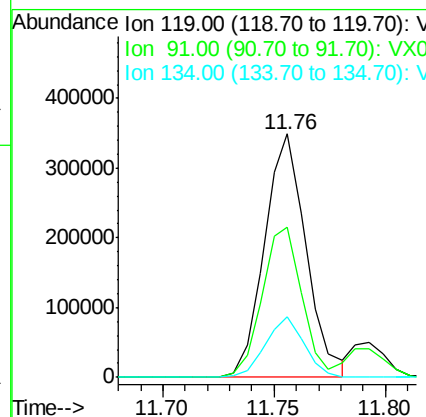
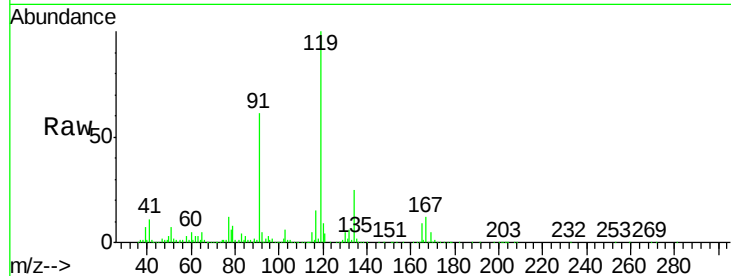
#83
 tert-Butylbenzene
 Concen: 17.546 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	452695		
91	59.2	29.3	88.0	
134	23.2	11.2	33.6	

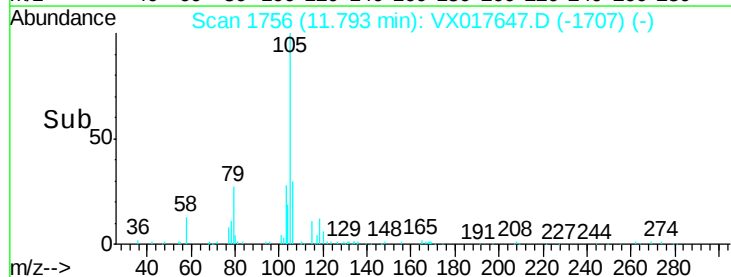
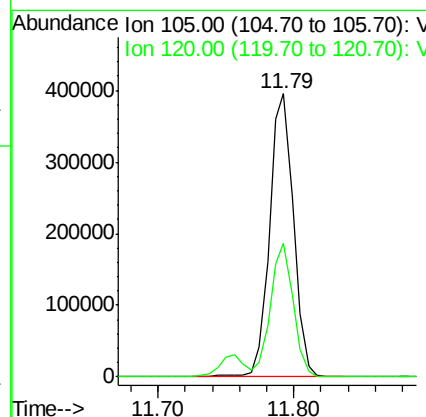
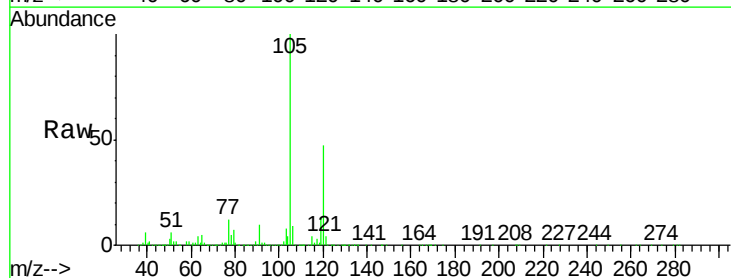
Manual Integrations
 APPROVED

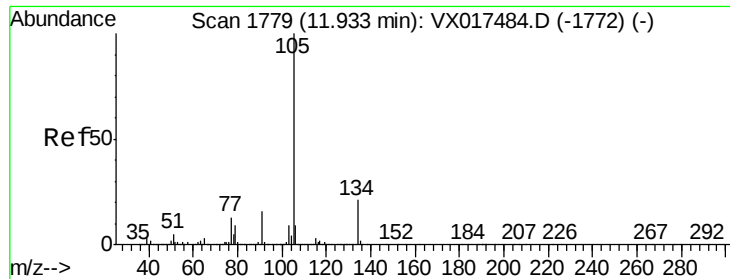
MMDadoda
 7/29/2020 10:49:38 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.211 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	488397		
120	45.1	22.7	68.0	





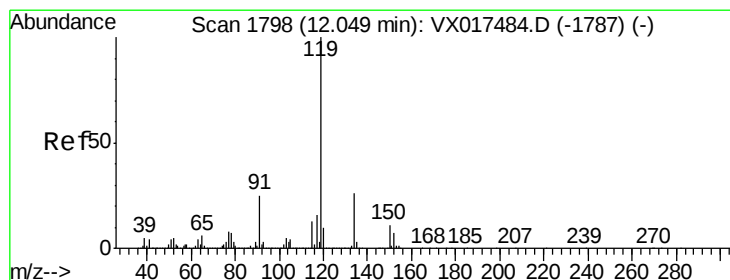
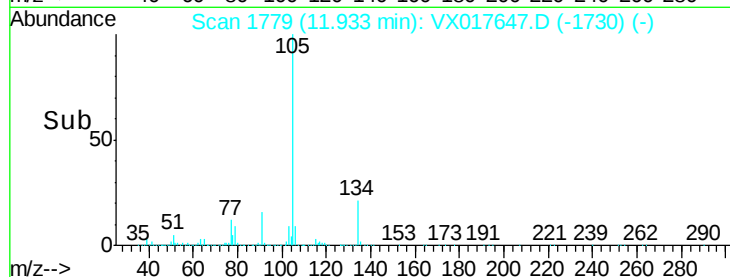
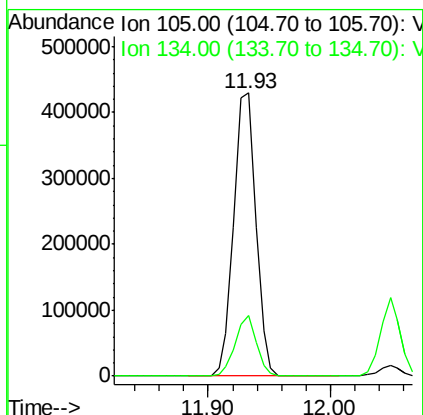
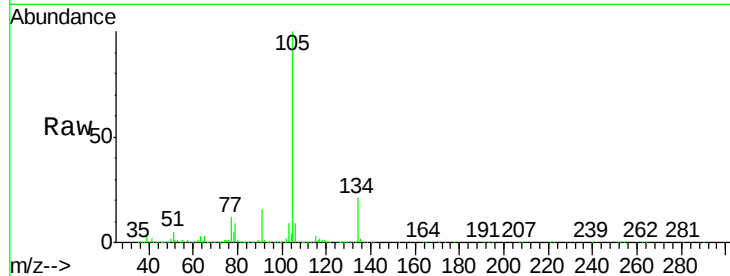
#85
 sec-Butylbenzene
 Concen: 17.862 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.4	31.2

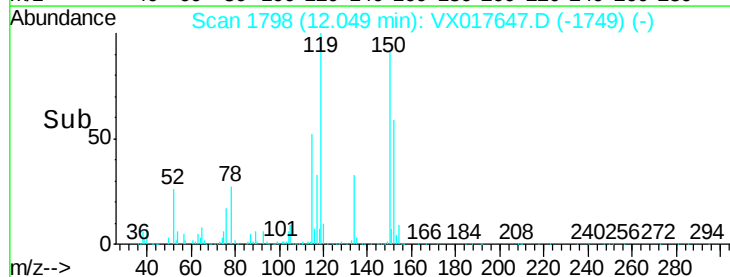
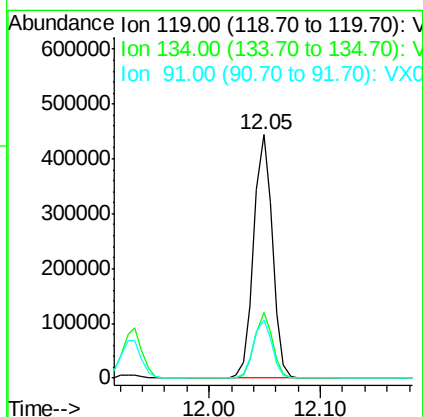
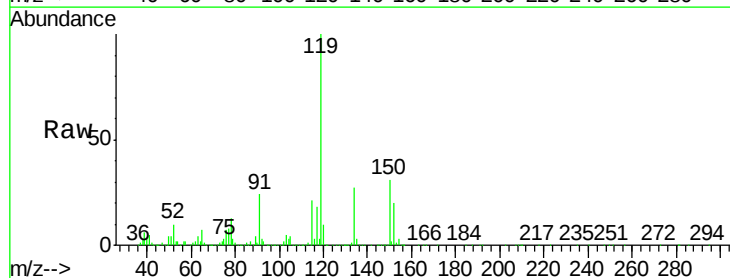
Manual Integrations
 APPROVED

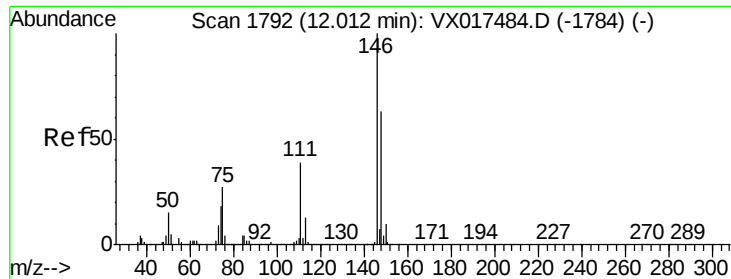
MMDadoda
 7/29/2020 10:49:38 AM



#86
 p-Isopropyltoluene
 Concen: 18.165 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	24.1	12.1	36.3





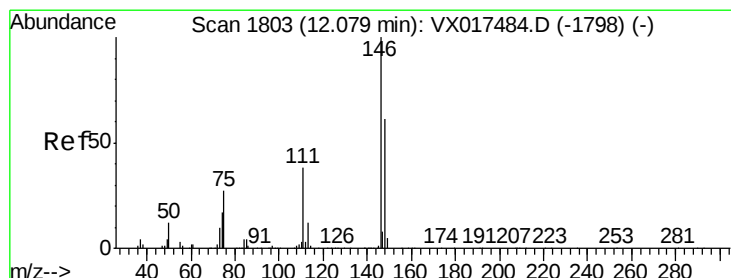
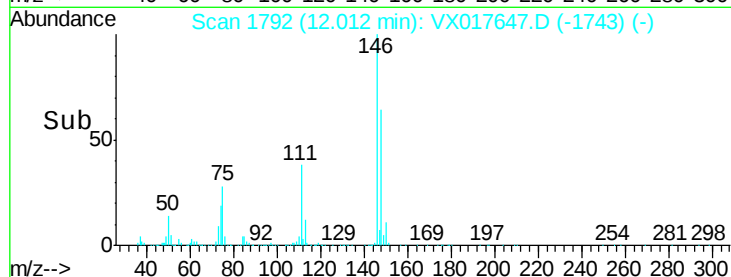
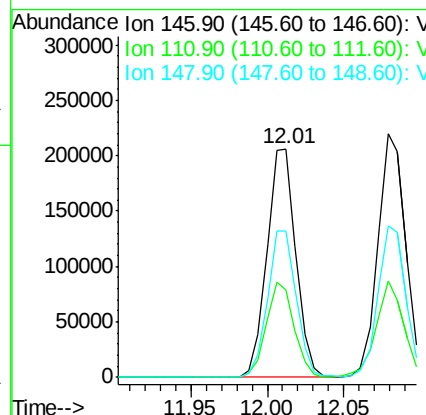
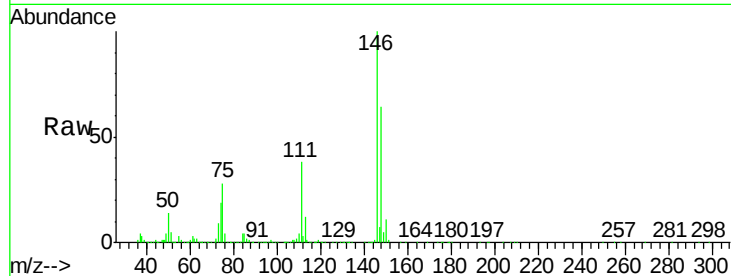
#87
 1,3-Dichlorobenzene
 Concen: 17.939 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	63.8	31.6	95.0

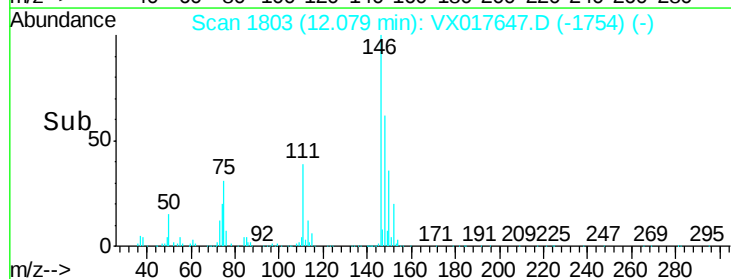
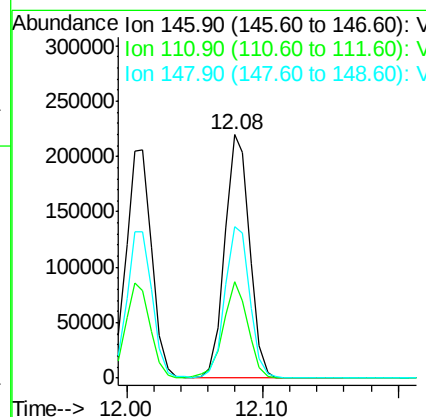
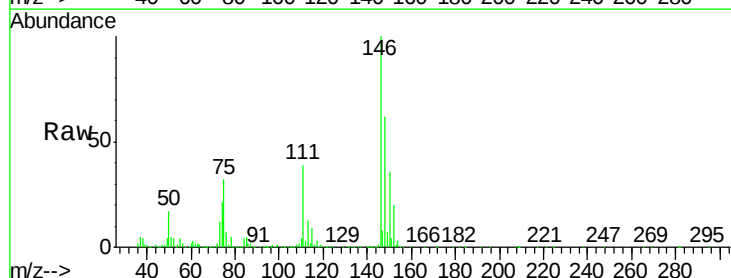
Manual Integrations
 APPROVED

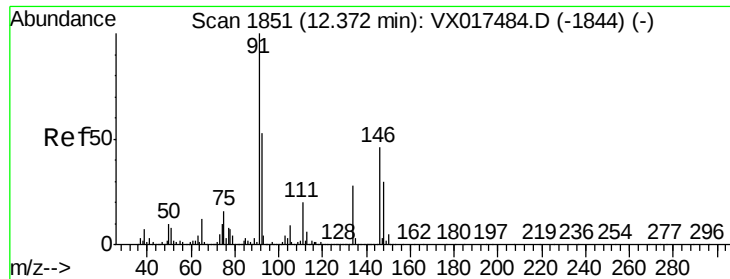
MMDadoda
 7/29/2020 10:49:38 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.561 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.8
148	62.7	32.2	96.6





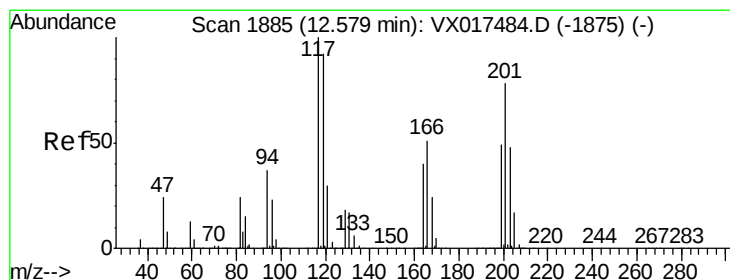
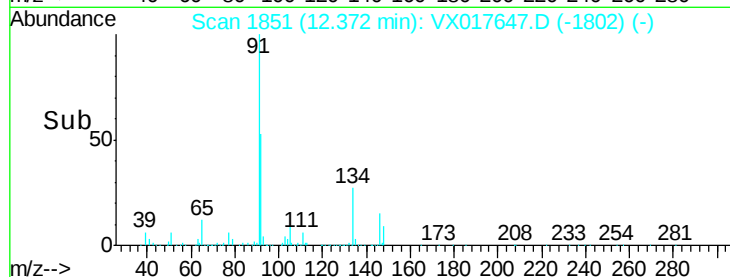
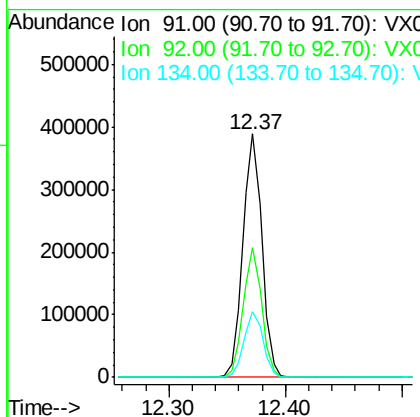
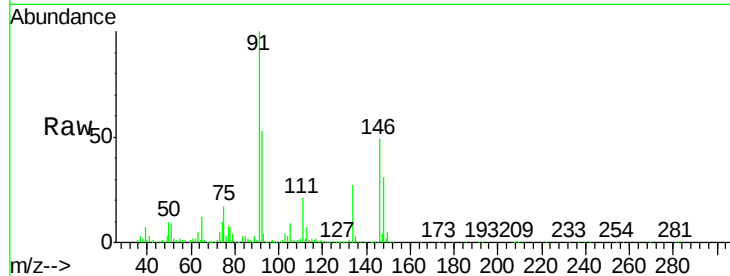
#89
n-Butylbenzene
Concen: 17.483 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.7	80.1
134	27.0	13.6	40.7

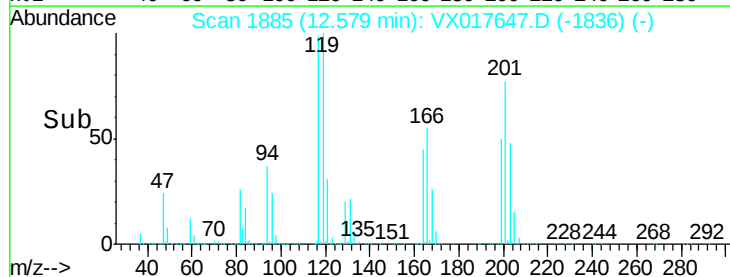
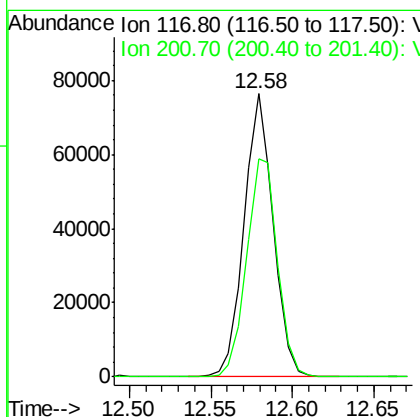
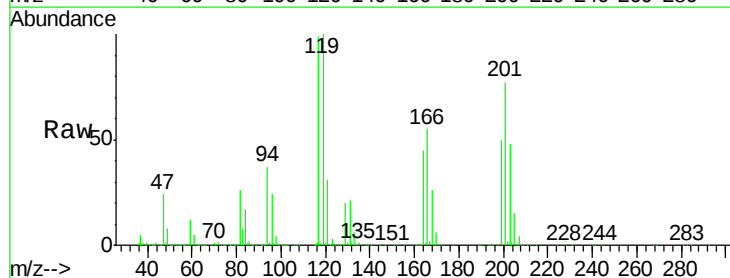
Manual Integrations
APPROVED

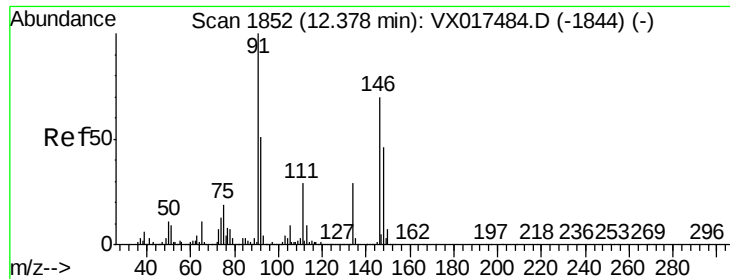
MMDadoda
7/29/2020 10:49:38 AM



#90
Hexachloroethane
Concen: 16.863 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.8	42.2	126.6





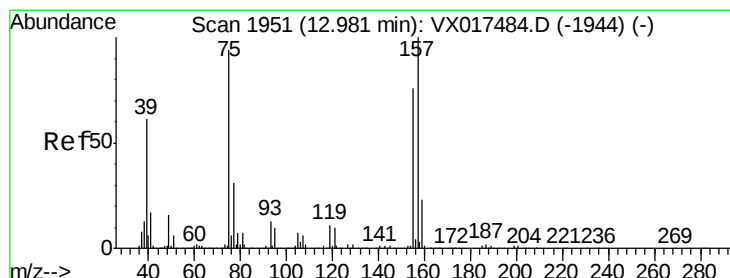
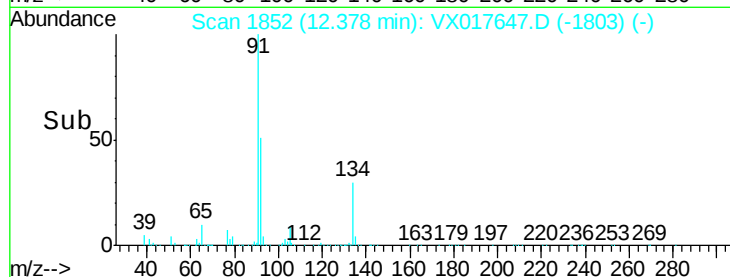
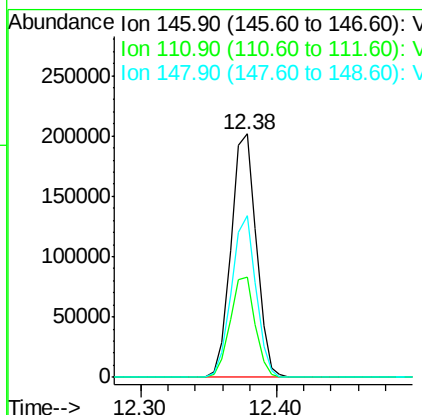
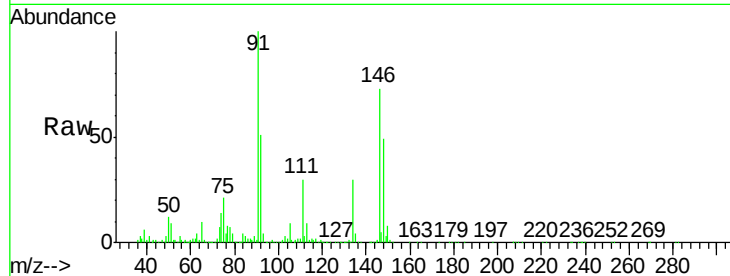
#91
 1,2-Dichlorobenzene
 Concen: 17.464 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	260597		
111	40.9	20.9	62.8	
148	64.6	32.8	98.4	

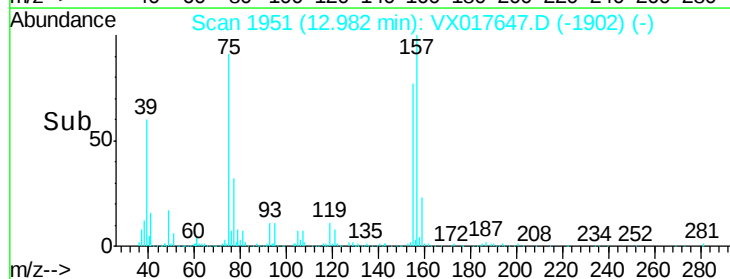
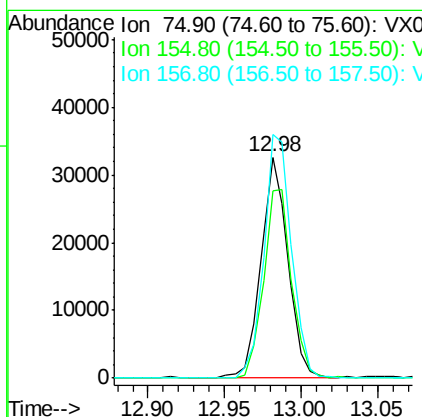
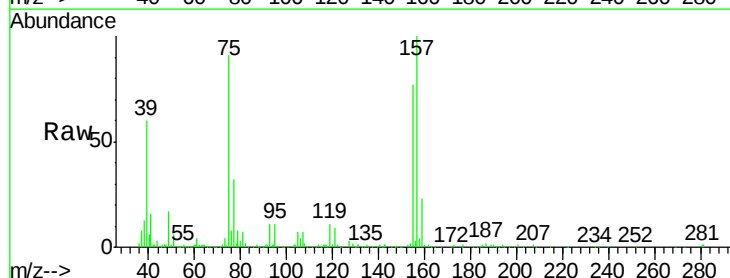
Manual Integrations
 APPROVED

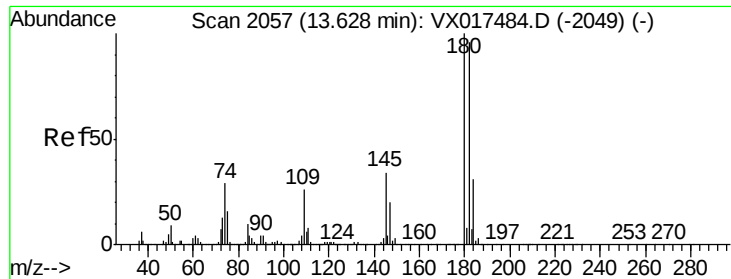
MMDadoda
 7/29/2020 10:49:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.020 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39513		
155	90.1	42.3	126.8	
157	115.6	54.3	162.9	





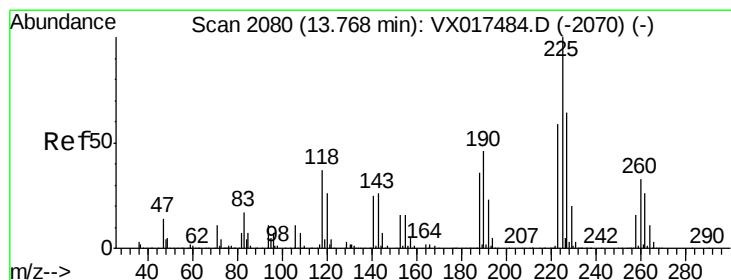
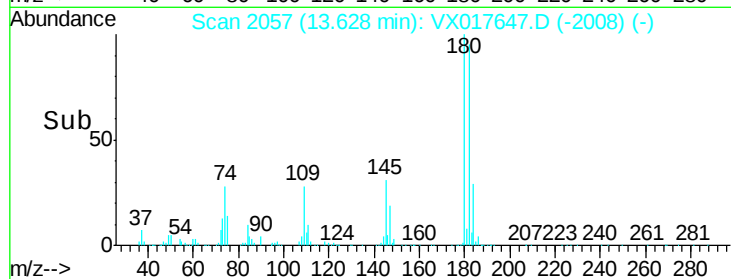
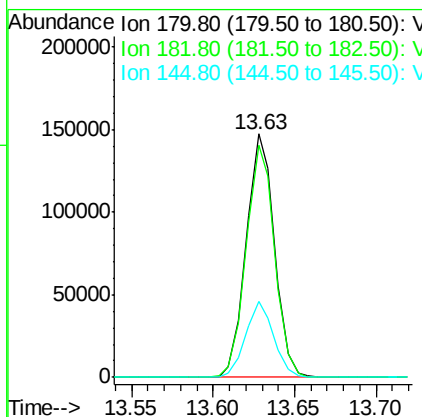
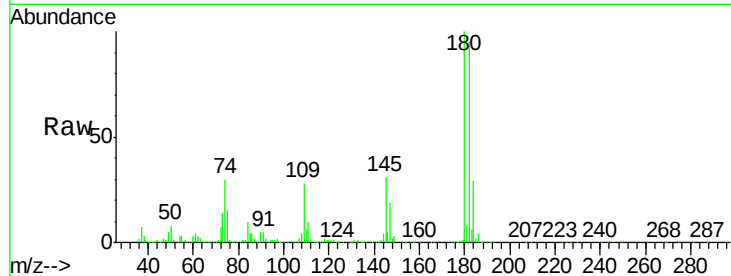
#93
 1,2,4-Trichlorobenzene
 Concen: 17.499 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	178209		
182	96.3	47.5	142.6	
145	31.1	15.4	46.4	

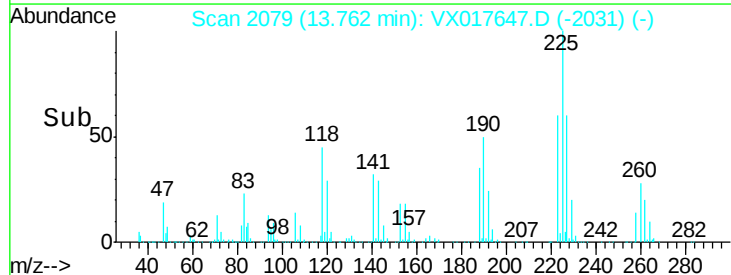
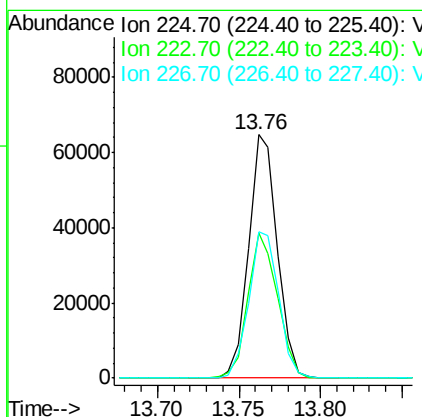
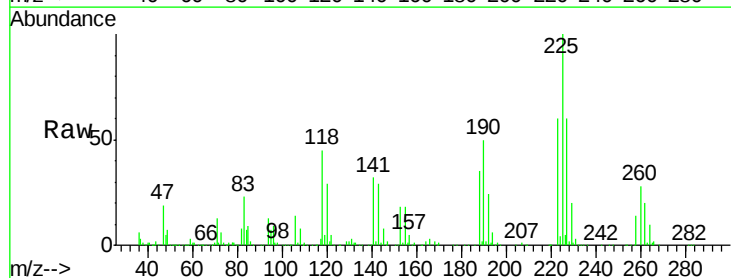
Manual Integrations
 APPROVED

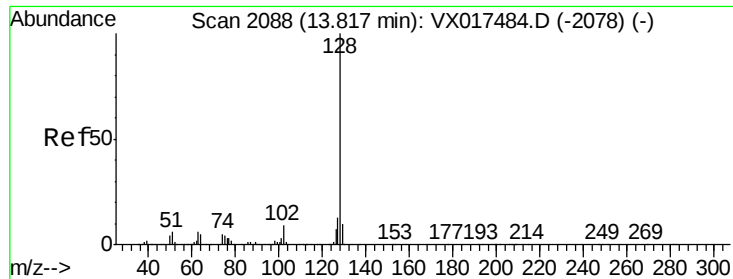
MMDadoda
 7/29/2020 10:49:38 AM



#94
 Hexachlorobutadiene
 Concen: 16.946 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017647.D
 Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79439		
223	61.6	30.3	90.9	
227	62.6	31.1	93.2	





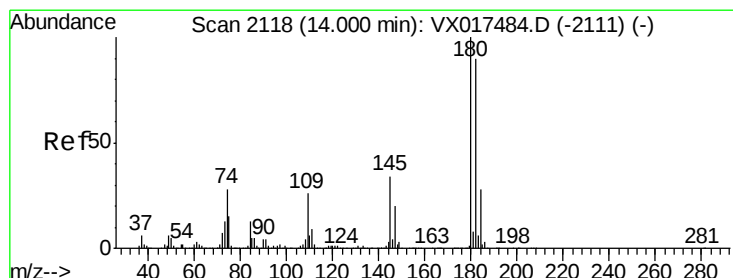
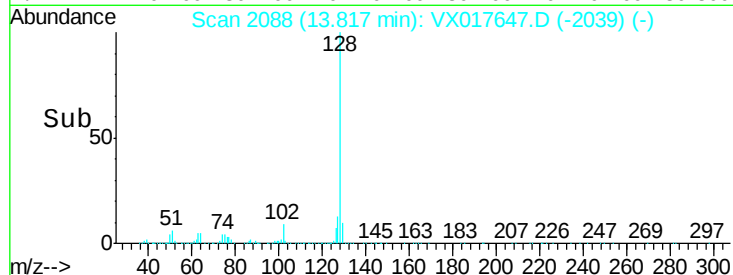
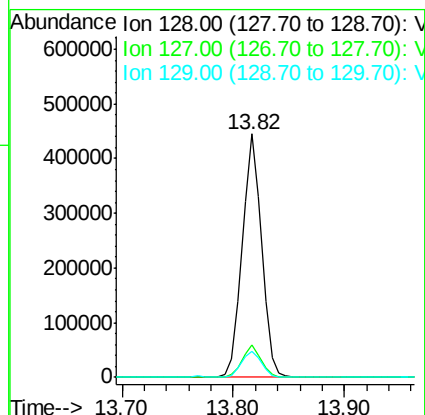
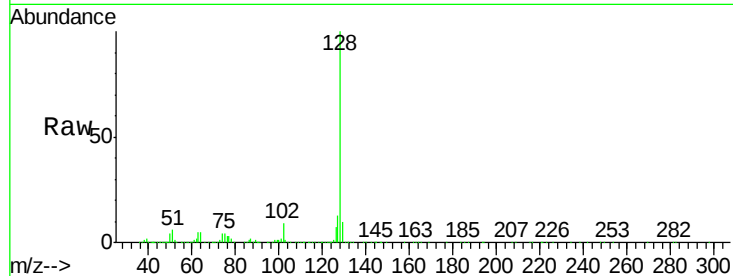
#95
Naphthalene
Concen: 17.625 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	535831		
127	13.0	10.4	15.6	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:38 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.492 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017647.D
Acq: 28 Jul 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175888		
182	96.4	47.4	142.3	
145	33.3	16.3	48.9	

