

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024321.D
 Acq On : 17 Sep 2021 19:53
 Operator : JC/MD
 Sample : M3782-21MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915MS

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:40 PM

Quant Time: Sep 22 08:05:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	172477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	222716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122846	49.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.900%
35) Dibromofluoromethane	5.397	113	91855	58.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.940%
50) Toluene-d8	8.653	98	282306	49.330	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.085	95	112087	50.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	86147	51.959	ug/l	99
3) Chloromethane	1.294	50	92126	53.210	ug/l	100
4) Vinyl Chloride	1.380	62	91219	52.939	ug/l	99
5) Bromomethane	1.599	94	52244	50.931	ug/l	97
6) Chloroethane	1.678	64	51495	45.245	ug/l	97
7) Trichlorofluoromethane	1.886	101	136164	47.109	ug/l	98
8) Diethyl Ether	2.142	74	46352	46.345	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	99010	58.309	ug/l	98
10) Methyl Iodide	2.453	142	124115	52.833	ug/l	91
11) Tert butyl alcohol	2.983	59	140646	272.893	ug/l	97
12) 1,1-Dichloroethene	2.319	96	90963	57.199	ug/l	90
13) Acrolein	2.245	56	33954	209.464	ug/l	100
14) Allyl chloride	2.666	41	160854	55.656	ug/l	94
15) Acrylonitrile	3.075	53	291137	289.412	ug/l	98
16) Acetone	2.392	43	272908	260.234	ug/l	90
17) Carbon Disulfide	2.514	76	204148	51.224	ug/l	99
18) Methyl Acetate	2.715	43	177923	54.116	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	325134	55.631	ug/l	99
20) Methylene Chloride	2.794	84	101556	50.430	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	93502	53.705	ug/l	94
22) Diisopropyl ether	3.776	45	325714	57.379	ug/l	93
23) Vinyl Acetate	3.733	43	1247485	270.659	ug/l	94
24) 1,1-Dichloroethane	3.617	63	186830	56.090	ug/l	96
25) 2-Butanone	4.574	43	434511	281.308	ug/l	94
26) 2,2-Dichloropropane	4.489	77	134897	46.238	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	116000	57.692	ug/l	97
28) Bromochloromethane	4.910	49	66591	49.065	ug/l	96
29) Tetrahydrofuran	5.019	42	284003	293.760	ug/l	89
30) Chloroform	5.105	83	199355	56.281	ug/l	98
31) Cyclohexane	5.483	56	158042	54.936	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	177757	56.072	ug/l	99
36) 1,1-Dichloropropene	5.702	75	139168	64.621	ug/l	99
37) Ethyl Acetate	4.733	43	153877	61.320	ug/l	95
38) Carbon Tetrachloride	5.684	117	157429	64.947	ug/l	99
39) Methylcyclohexane	7.385	83	142970	55.604	ug/l	95
40) Benzene	6.050	78	409285	66.262	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024321.D
 Acq On : 17 Sep 2021 19:53
 Operator : JC/MD
 Sample : M3782-21MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915MS

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:40 PM

Quant Time: Sep 22 08:05:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	91555	68.415	ug/l	91
42) 1,2-Dichloroethane	6.098	62	167732	65.121	ug/l	94
43) Isopropyl Acetate	6.354	43	250959	62.825	ug/l	93
44) Trichloroethene	7.135	130	409337	235.863	ug/l	100
45) 1,2-Dichloropropane	7.440	63	94969	58.254	ug/l	98
46) Dibromomethane	7.586	93	69754	58.453	ug/l	98
47) Bromodichloromethane	7.830	83	124423	56.073	ug/l	99
48) Methyl methacrylate	7.702	41	108651	54.514	ug/l	83
49) 1,4-Dioxane	7.665	88	48720	1167.419	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	735418	288.914	ug/l	90
52) Toluene	8.726	92	219886	54.315	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	133296	52.971	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	136356	52.362	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	93864	54.442	ug/l	98
56) Ethyl methacrylate	9.122	69	143958	50.019	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	152199	54.205	ug/l	99
59) 2-Hexanone	9.433	43	586682	295.793	ug/l	86
60) Dibromochloromethane	9.525	129	97631	49.935	ug/l	98
61) 1,2-Dibromoethane	9.616	107	99106	53.947	ug/l	99
64) Tetrachloroethene	9.275	164	93513	54.199	ug/l	93
65) Chlorobenzene	10.085	112	246674	53.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	94124	55.427	ug/l	99
67) Ethyl Benzene	10.195	91	440189	54.918	ug/l	99
68) m/p-Xylenes	10.305	106	343664	111.991	ug/l	99
69) o-Xylene	10.646	106	169649	55.383	ug/l	99
70) Styrene	10.659	104	285797	57.513	ug/l	98
71) Bromoform	10.805	173	74916	52.806	ug/l #	98
73) Isopropylbenzene	10.963	105	449025	53.046	ug/l	100
74) N-amyl acetate	10.848	43	187876	52.724	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.219	83	144350	52.712	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	132886m	50.841	ug/l	
77) Bromobenzene	11.201	156	114042	53.607	ug/l	94
78) n-propylbenzene	11.311	91	516674	54.031	ug/l	99
79) 2-Chlorotoluene	11.366	91	317908	53.522	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	385520	54.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	44657	50.249	ug/l #	87
82) 4-Chlorotoluene	11.457	91	366049	54.164	ug/l	100
83) tert-Butylbenzene	11.719	119	373826	54.283	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	382691	54.524	ug/l	98
85) sec-Butylbenzene	11.896	105	472529	54.765	ug/l	99
86) p-Isopropyltoluene	12.012	119	393714	54.360	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	208407	54.691	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	205622	52.865	ug/l	99
89) n-Butylbenzene	12.335	91	336475	53.692	ug/l	98
90) Hexachloroethane	12.542	117	65401	56.047	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	198876	53.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31844	50.686	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	118866	53.956	ug/l	99
94) Hexachlorobutadiene	13.725	225	54097	49.174	ug/l	98
95) Naphthalene	13.780	128	400555	49.325	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	122938	55.363	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
Data File : VX024321.D
Acq On : 17 Sep 2021 19:53
Operator : JC/MD
Sample : M3782-21MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

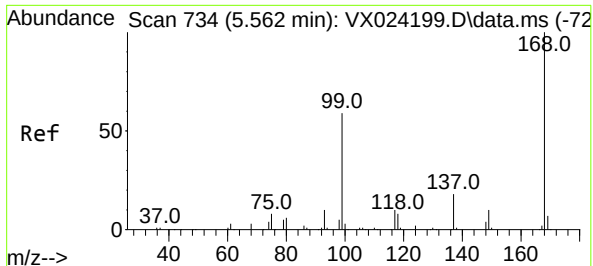
Manual Integrations
APPROVED

MMDadoda
9/22/2021 7:39:40 PM

Quant Time: Sep 22 08:05:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



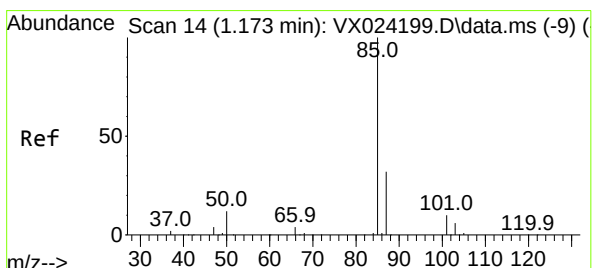
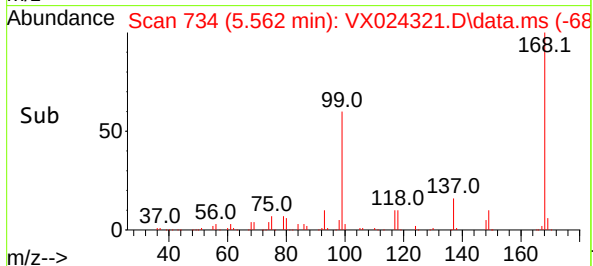
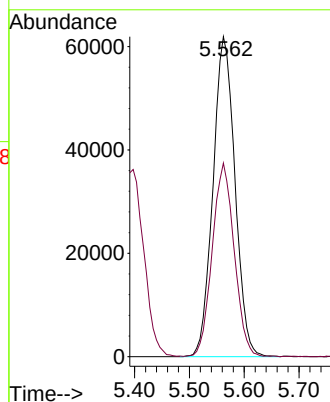
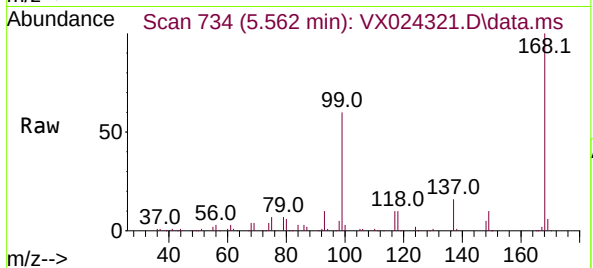
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 168 Resp: 172477
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

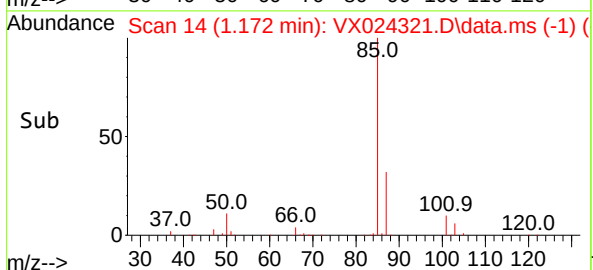
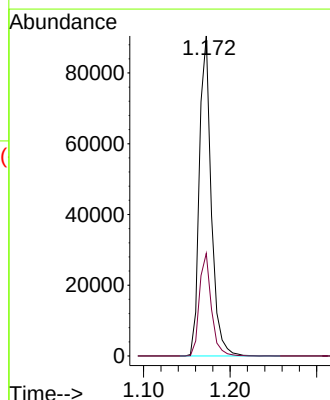
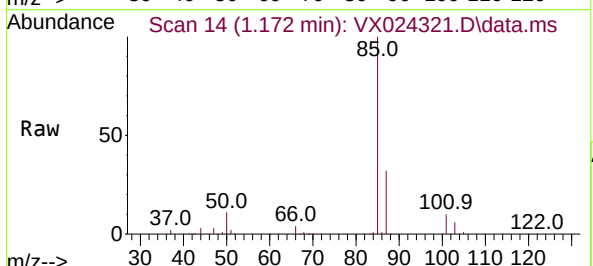
Manual Integrations
APPROVED

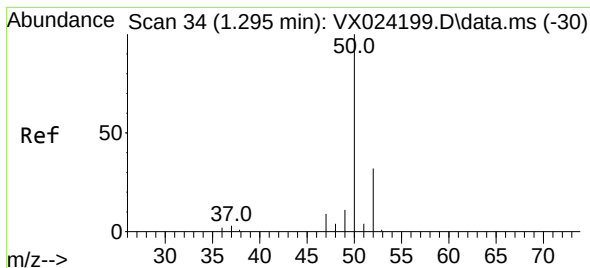
MMDadoda
9/22/2021 7:39:40 PM



#2
Dichlorodifluoromethane
Concen: 51.959 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 85 Resp: 86147
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.2





#3

Chloromethane

Concen: 53.210 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.001 min

Lab File: VX024321.D

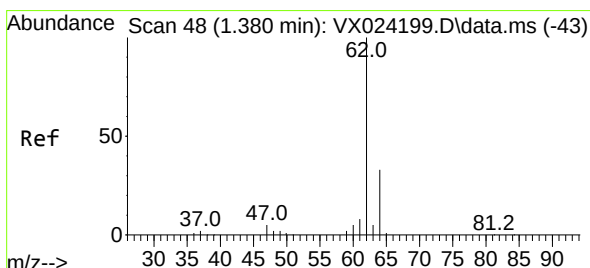
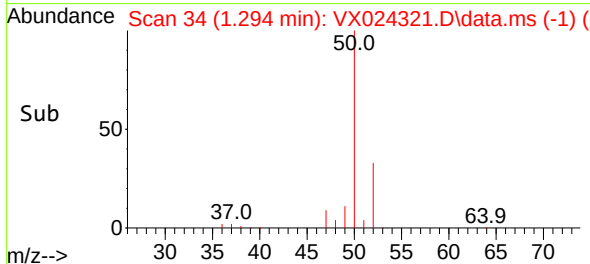
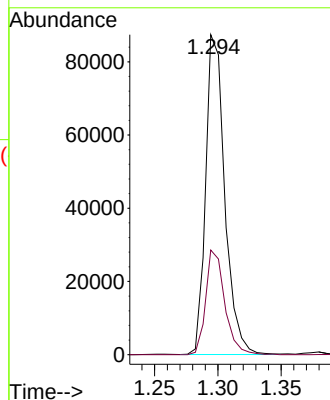
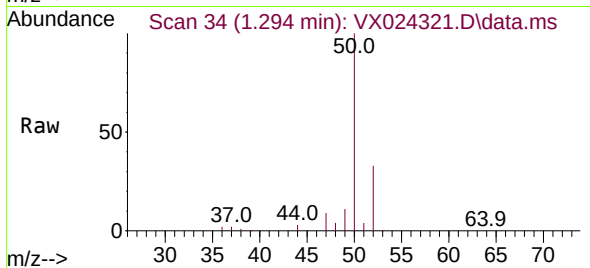
Acq: 17 Sep 2021 19:53

Tgt Ion: 50 Resp: 92126

Ion Ratio Lower Upper

50 100

52 32.7 26.4 39.6



#4

Vinyl Chloride

Concen: 52.939 ug/l

RT: 1.380 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX024321.D

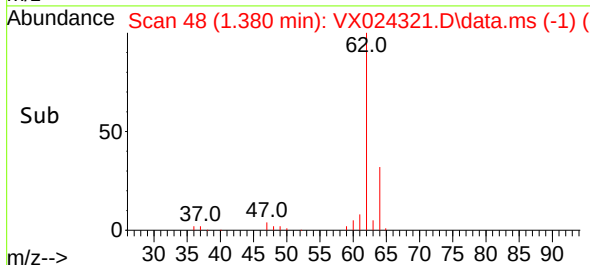
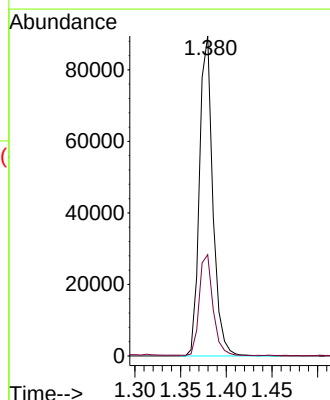
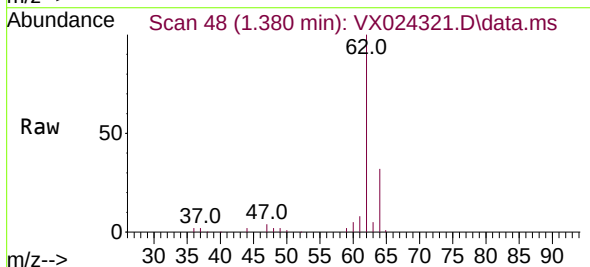
Acq: 17 Sep 2021 19:53

Tgt Ion: 62 Resp: 91219

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



Instrument :

MSVOA_X

ClientSampleId :

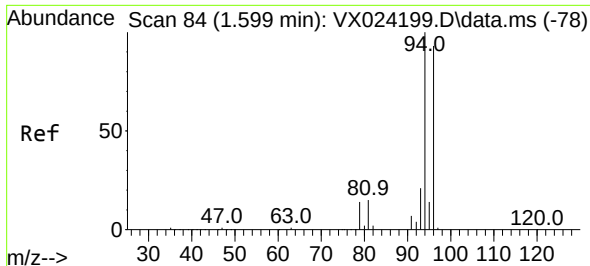
RE139D1-20210915MS

Manual Integrations

APPROVED

MMDadoda

9/22/2021 7:39:40 PM



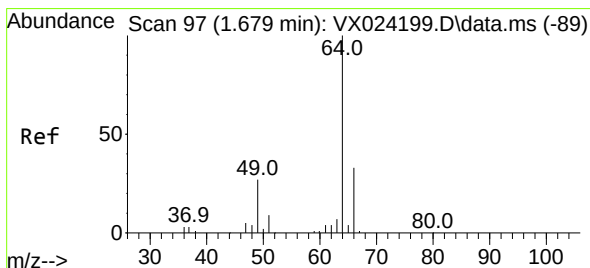
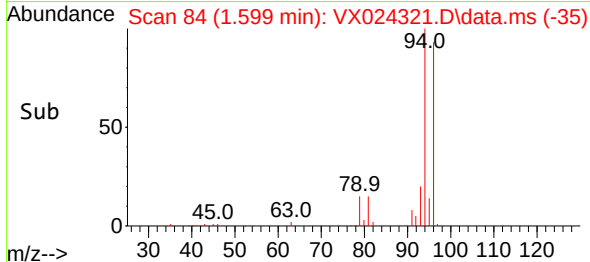
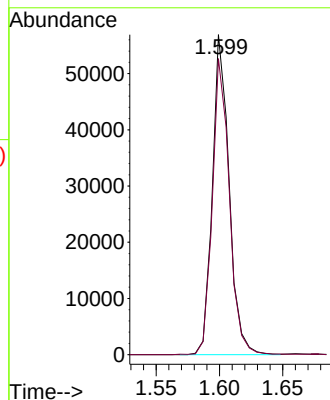
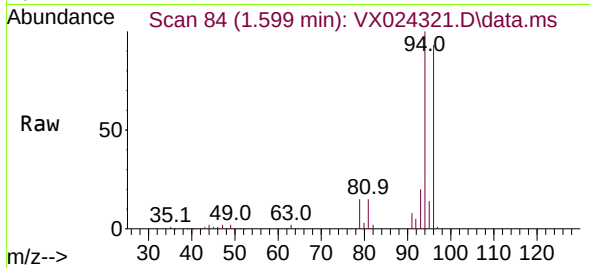
#5
Bromomethane
Concen: 50.931 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 94 Resp: 52244
Ion Ratio Lower Upper
94 100
96 92.4 76.4 114.6

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

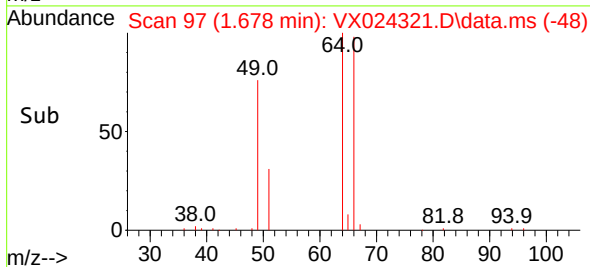
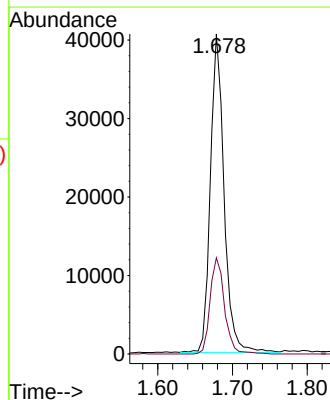
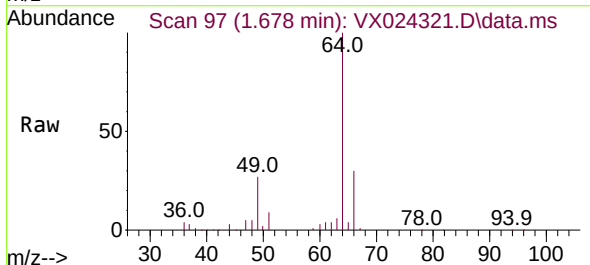
Manual Integrations
APPROVED

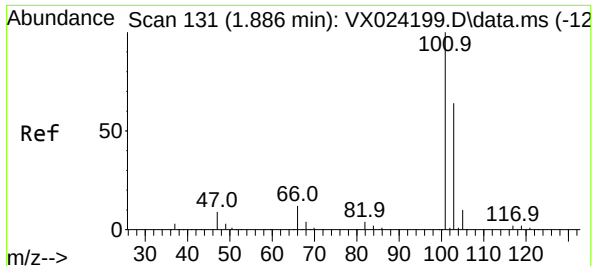
MMDadoda
9/22/2021 7:39:40 PM



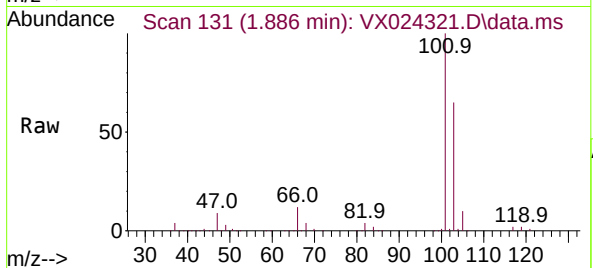
#6
Chloroethane
Concen: 45.245 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 64 Resp: 51495
Ion Ratio Lower Upper
64 100
66 30.2 25.4 38.0

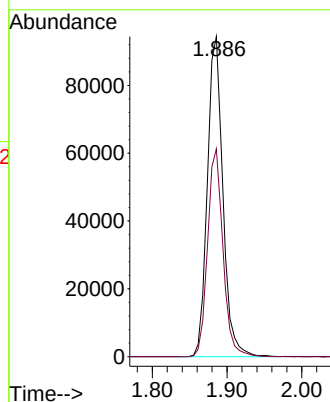
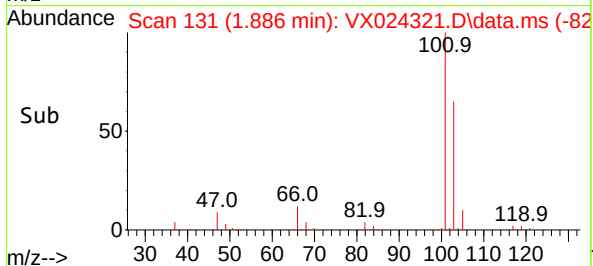




#7
Trichlorofluoromethane
Concen: 47.109 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



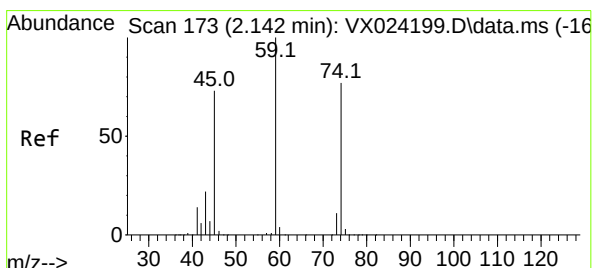
Tgt Ion:101 Resp: 136164
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8



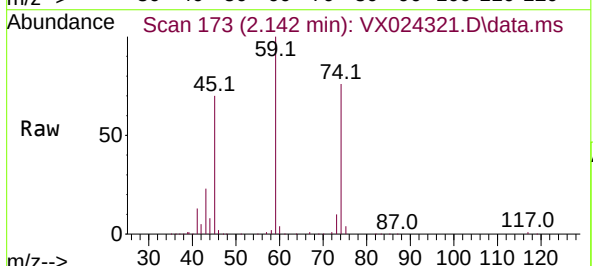
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

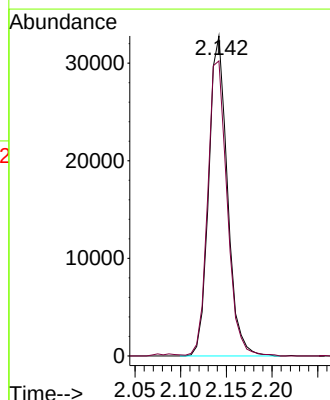
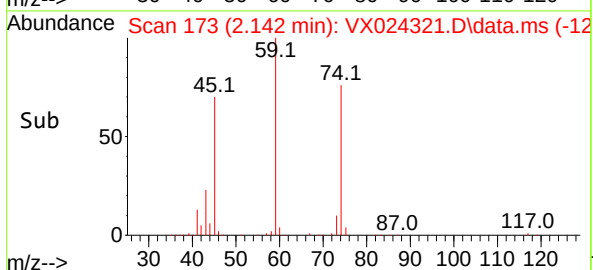
MMDadoda
9/22/2021 7:39:40 PM

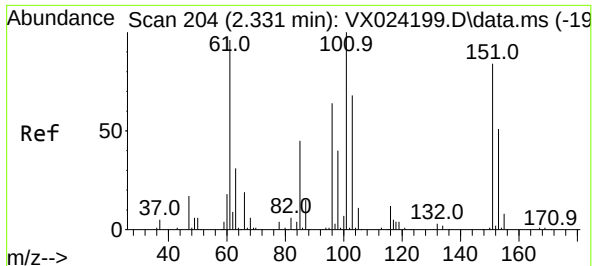


#8
Diethyl Ether
Concen: 46.345 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



Tgt Ion: 74 Resp: 46352
Ion Ratio Lower Upper
74 100
45 96.3 44.5 133.5





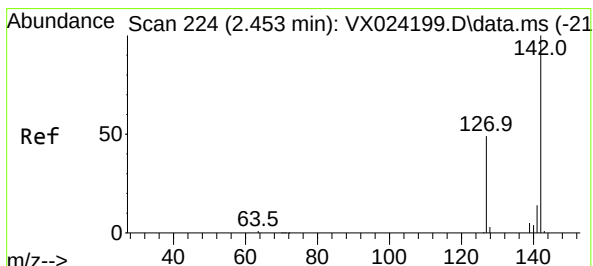
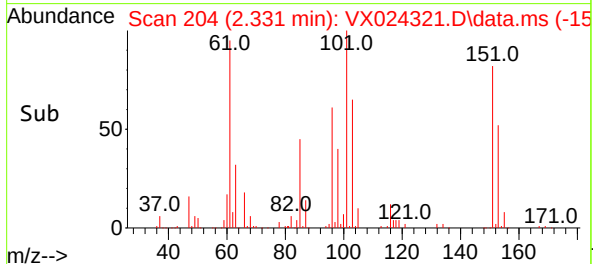
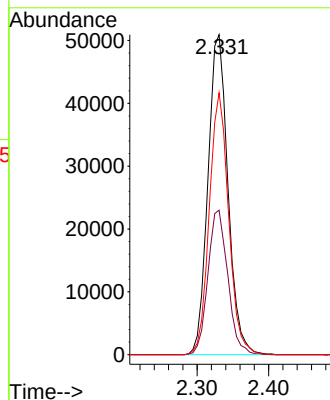
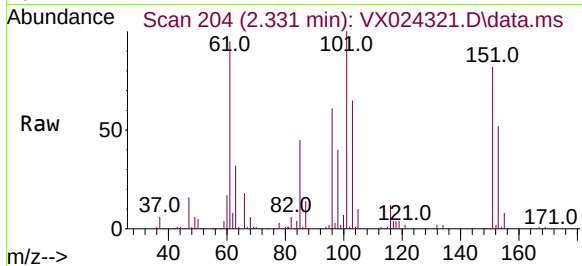
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.309 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.9	34.9	52.3
151	79.1	61.4	92.2

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

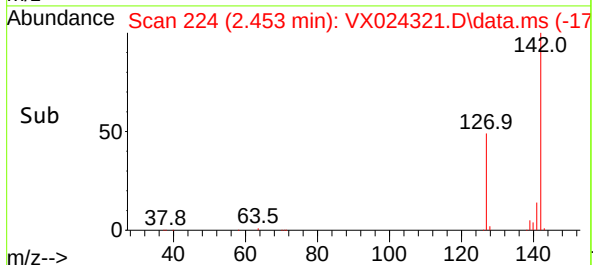
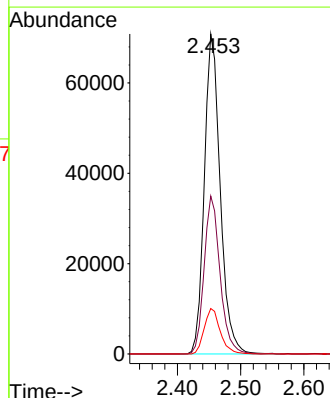
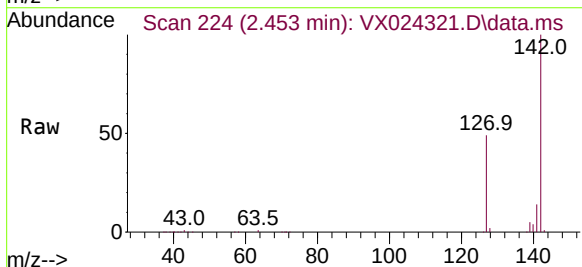
Manual Integrations
APPROVED

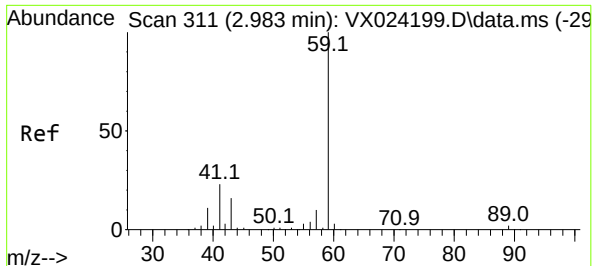
MMDadoda
9/22/2021 7:39:40 PM



#10
Methyl Iodide
Concen: 52.833 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.3	33.3	49.9
141	14.3	11.4	17.0





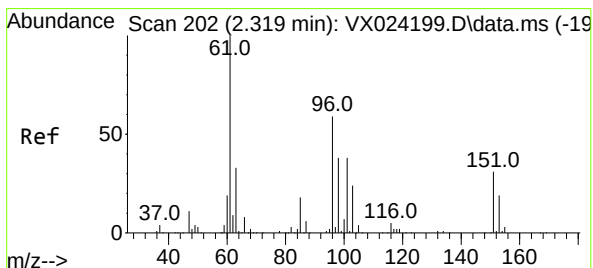
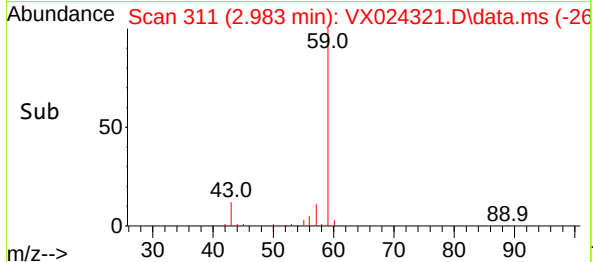
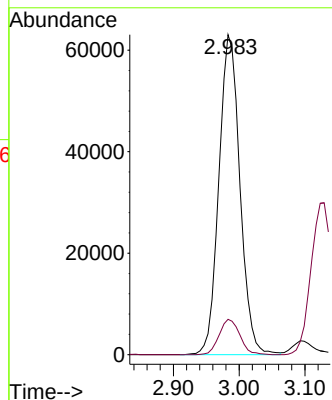
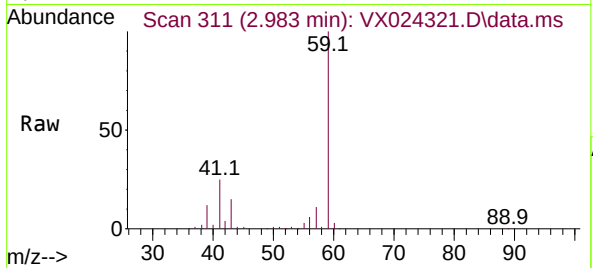
#11
Tert butyl alcohol
Concen: 272.893 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 59 Resp: 140646
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

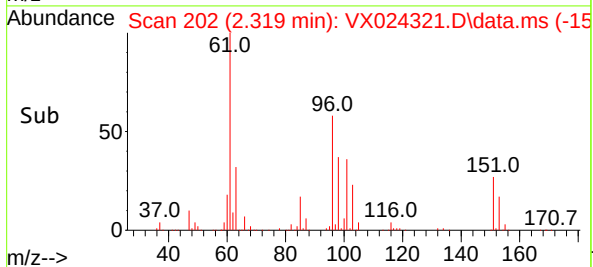
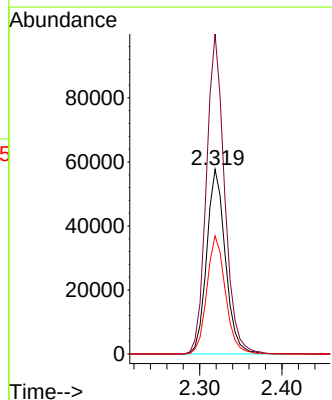
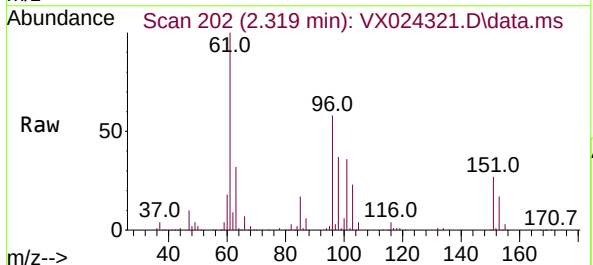
Manual Integrations
APPROVED

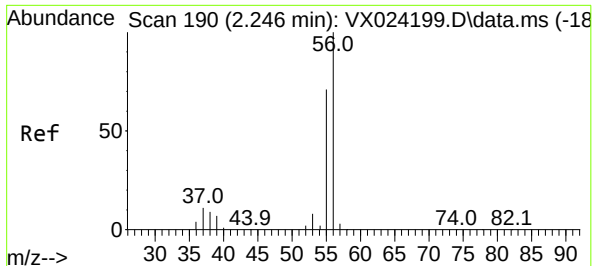
MMDadoda
9/22/2021 7:39:40 PM



#12
1,1-Dichloroethene
Concen: 57.199 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 96 Resp: 90963
Ion Ratio Lower Upper
96 100
61 173.4 124.6 187.0
98 64.0 50.6 76.0





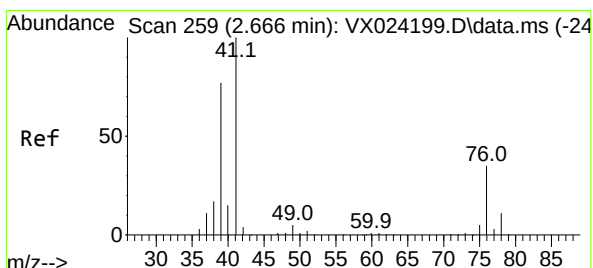
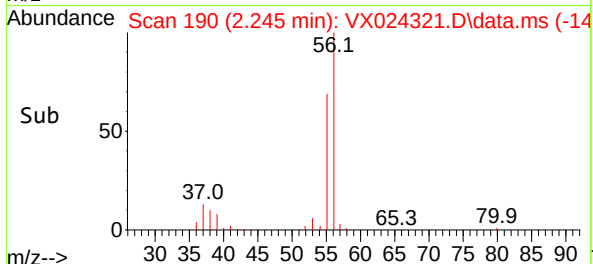
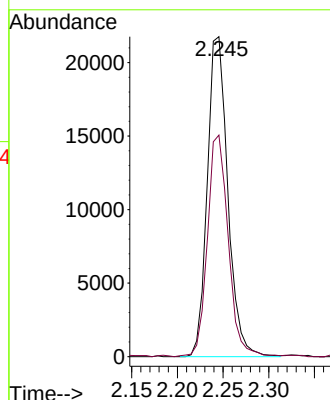
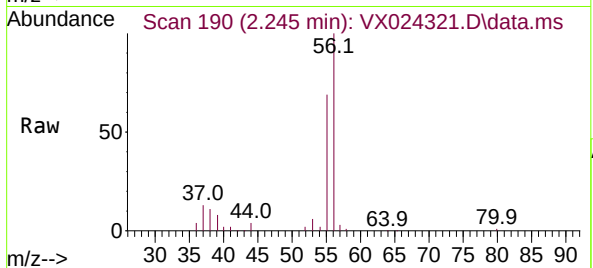
#13
Acrolein
Concen: 209.464 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 56 Resp: 33954
Ion Ratio Lower Upper
56 100
55 70.2 56.4 84.6

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

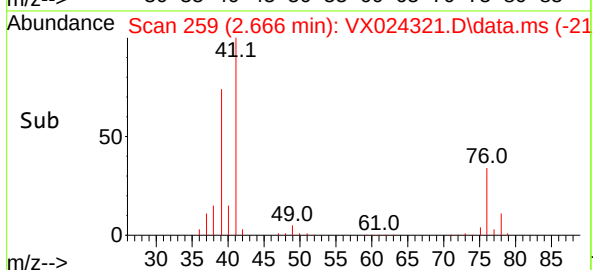
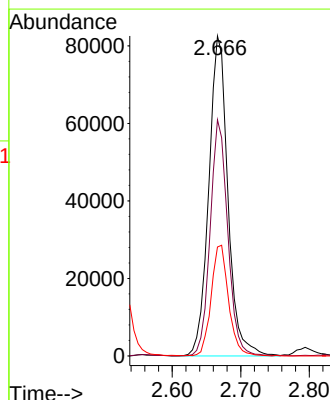
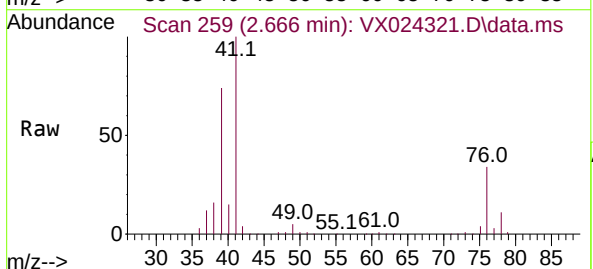
Manual Integrations
APPROVED

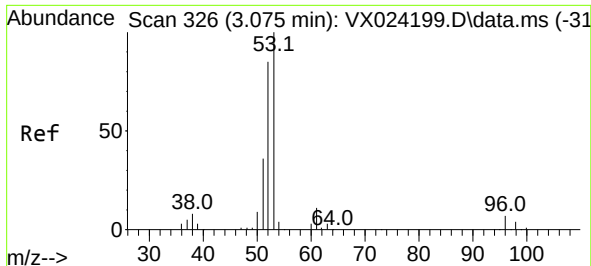
MMDadoda
9/22/2021 7:39:40 PM



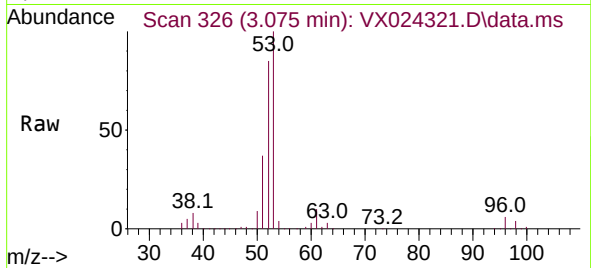
#14
Allyl chloride
Concen: 55.656 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 41 Resp: 160854
Ion Ratio Lower Upper
41 100
39 67.5 51.6 77.4
76 31.5 30.5 45.7

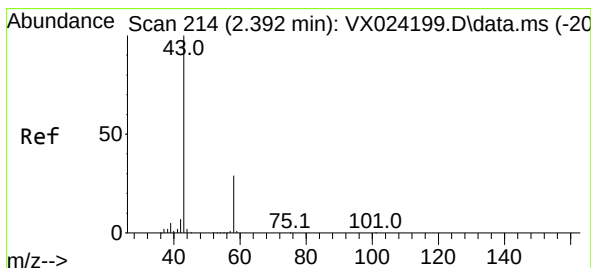
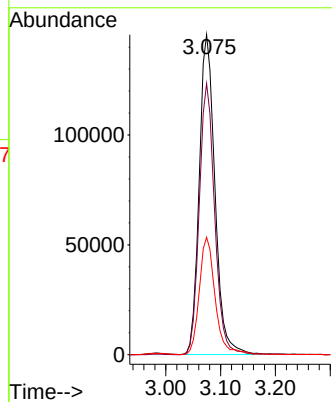
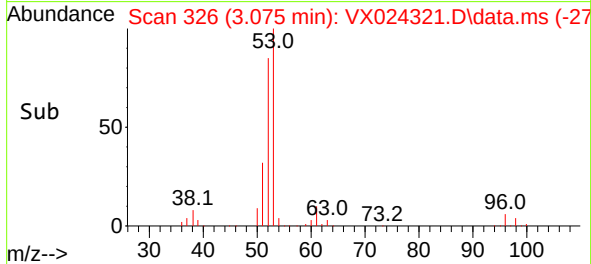




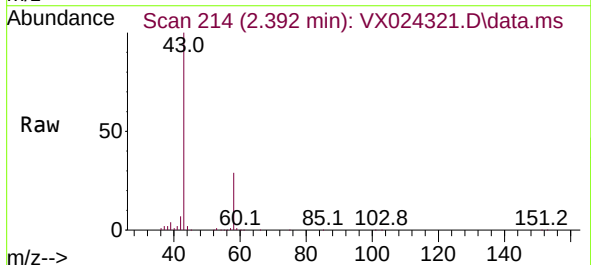
#15
Acrylonitrile
Concen: 289.412 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



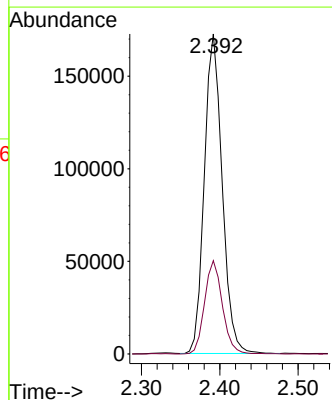
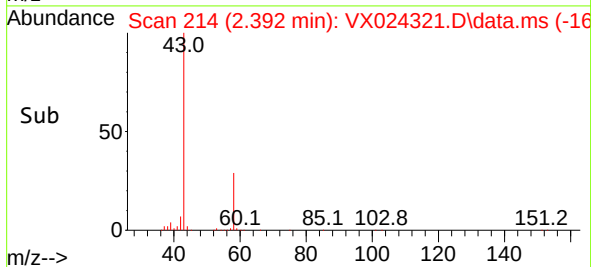
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.3	97.9
51	37.1	28.2	42.2



#16
Acetone
Concen: 260.234 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



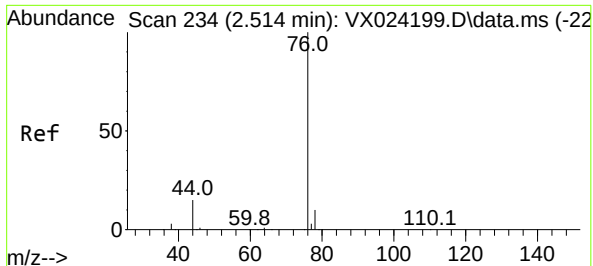
Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	27.8	41.8



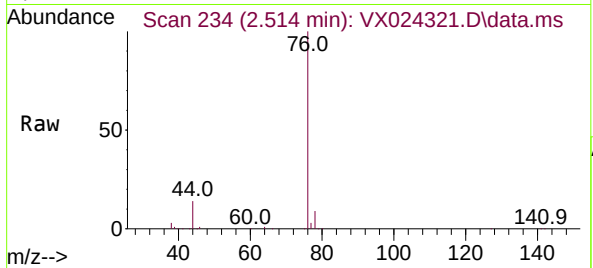
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

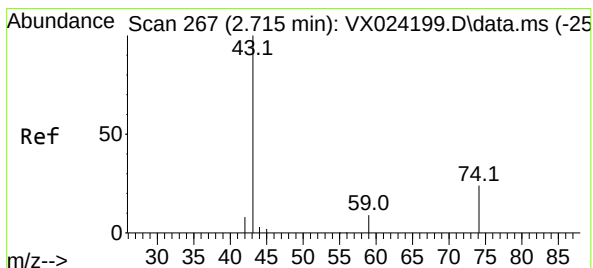
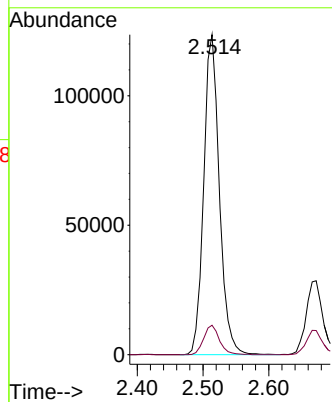
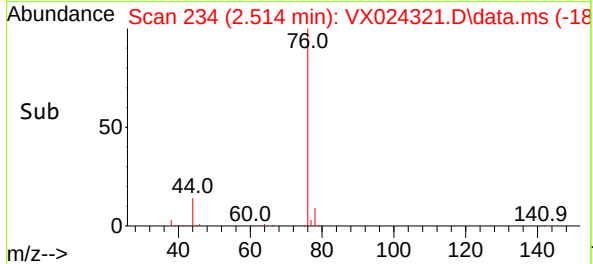
MMDadoda
9/22/2021 7:39:40 PM



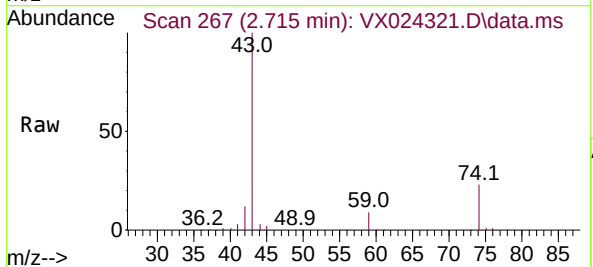
#17
Carbon Disulfide
Concen: 51.224 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



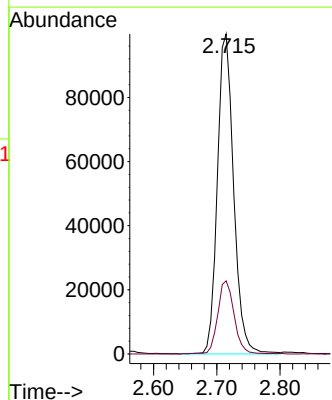
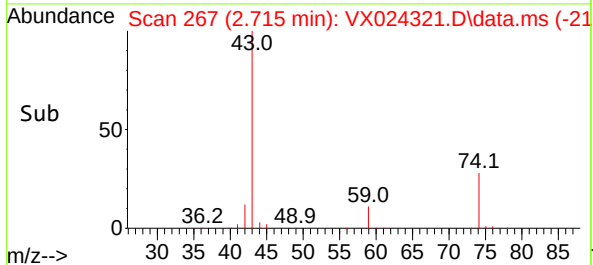
Tgt Ion: 76 Resp: 204148
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 54.116 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



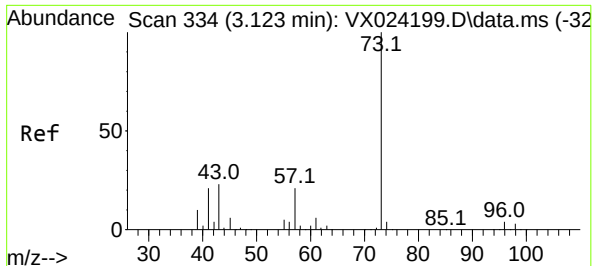
Tgt Ion: 43 Resp: 177923
Ion Ratio Lower Upper
43 100
74 23.1 21.9 32.9



Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

MMDadoda
9/22/2021 7:39:40 PM



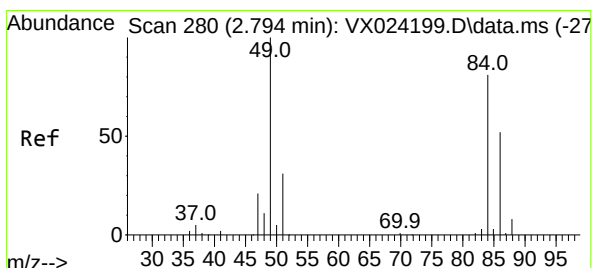
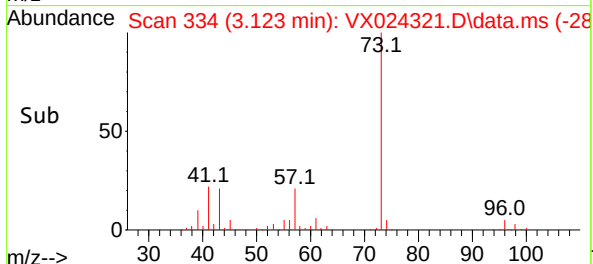
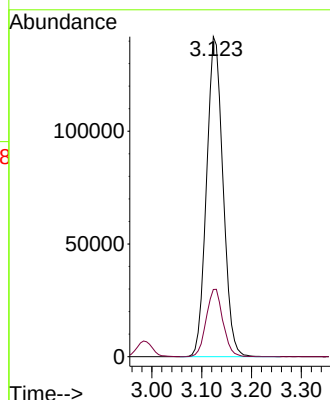
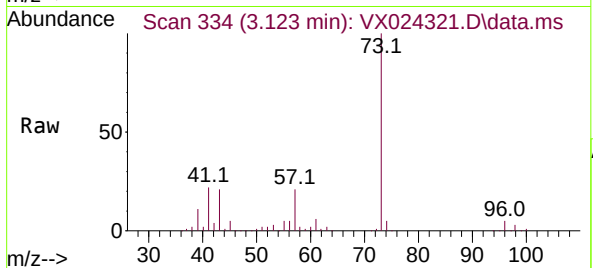
#19
Methyl tert-butyl Ether
Concen: 55.631 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 73 Resp: 325134
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

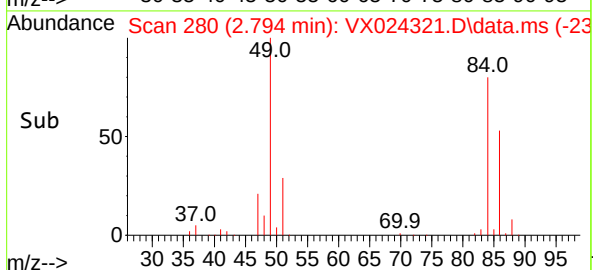
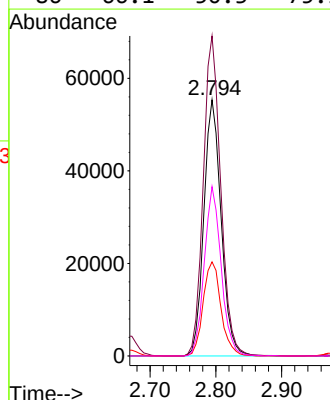
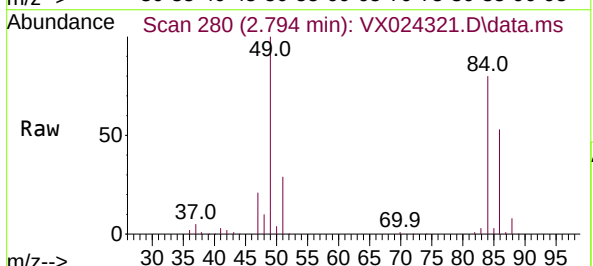
Manual Integrations
APPROVED

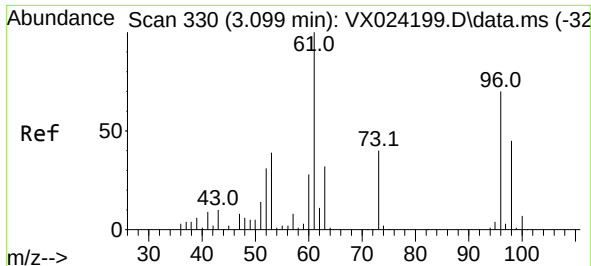
MMDadoda
9/22/2021 7:39:40 PM



#20
Methylene Chloride
Concen: 50.430 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 84 Resp: 101556
Ion Ratio Lower Upper
84 100
49 124.9 88.6 132.8
51 36.7 27.0 40.6
86 66.1 50.3 75.5





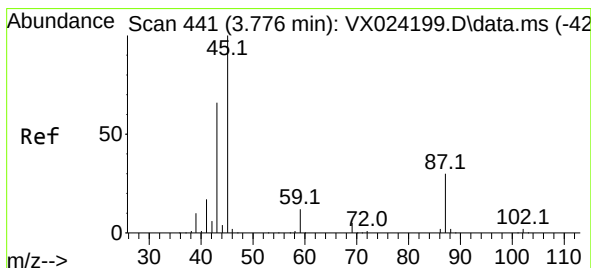
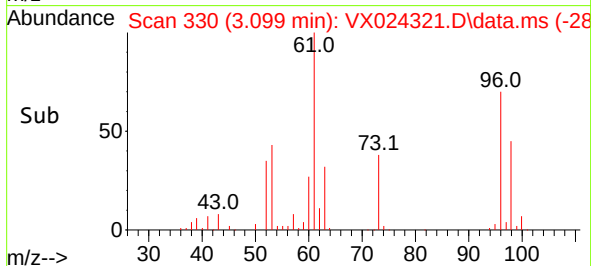
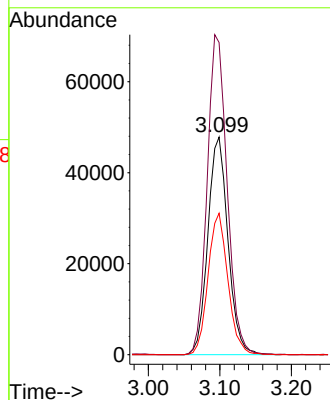
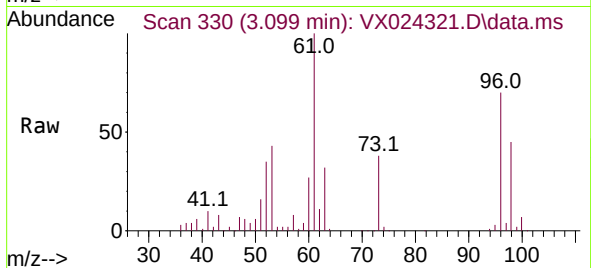
#21
trans-1,2-Dichloroethene
Concen: 53.705 ug/l
RT: 3.099 min Scan# 330
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 96 Resp: 93502
Ion Ratio Lower Upper
96 100
61 143.4 107.7 161.5
98 65.0 50.4 75.6

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

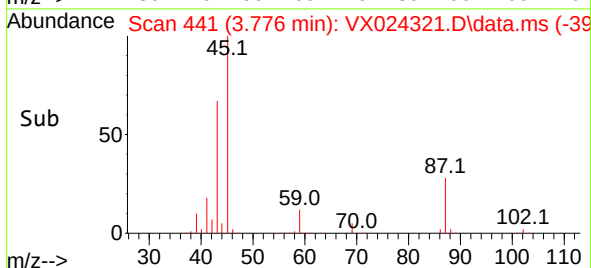
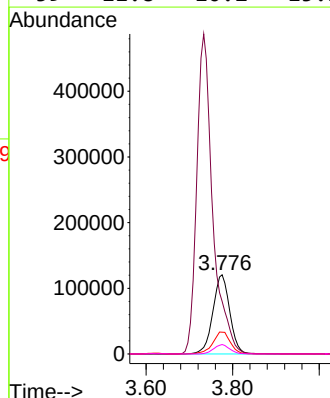
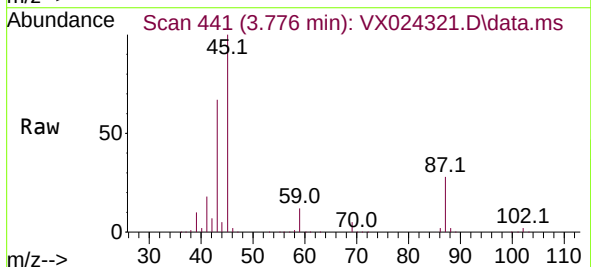
Manual Integrations
APPROVED

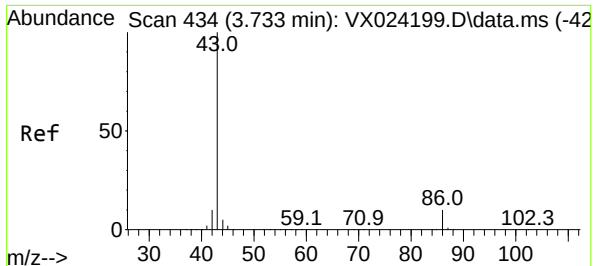
MMDadoda
9/22/2021 7:39:40 PM



#22
Diisopropyl ether
Concen: 57.379 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 45 Resp: 325714
Ion Ratio Lower Upper
45 100
43 66.5 58.0 87.0
87 27.6 25.4 38.0
59 11.8 10.2 15.2





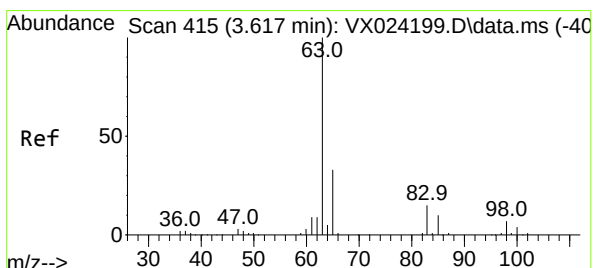
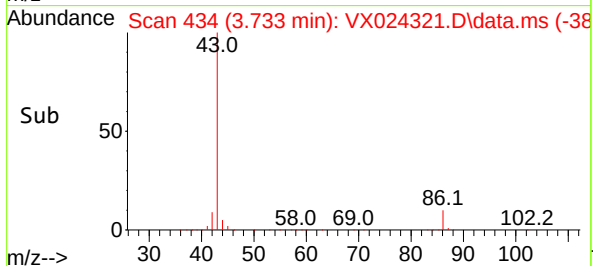
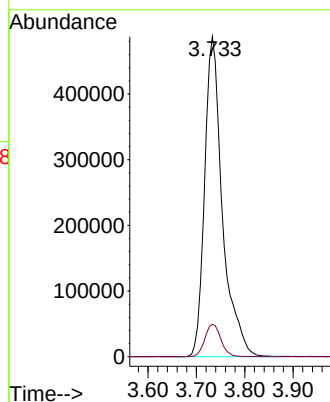
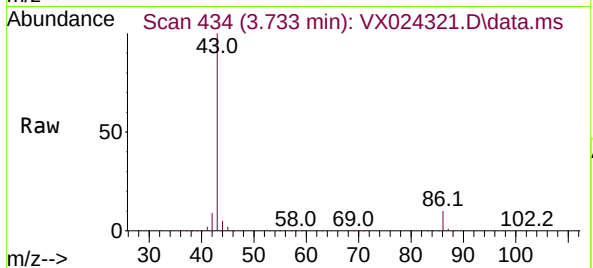
#23
 Vinyl Acetate
 Concen: 270.659 ug/l
 RT: 3.733 min Scan# 434
 Delta R.T. -0.000 min
 Lab File: VX024321.D
 Acq: 17 Sep 2021 19:53

Tgt Ion: 43 Resp: 1247485
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.9 14.9

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915MS

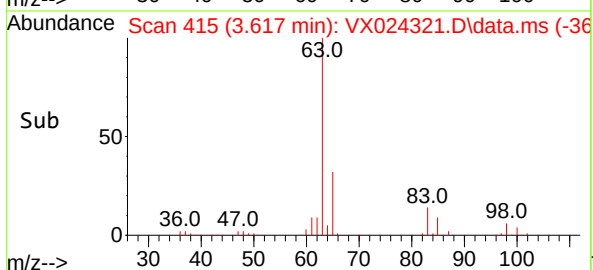
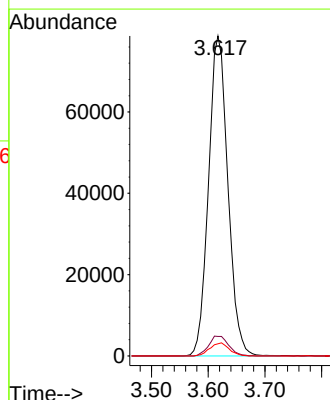
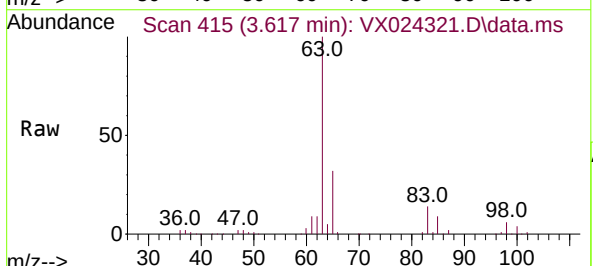
Manual Integrations
 APPROVED

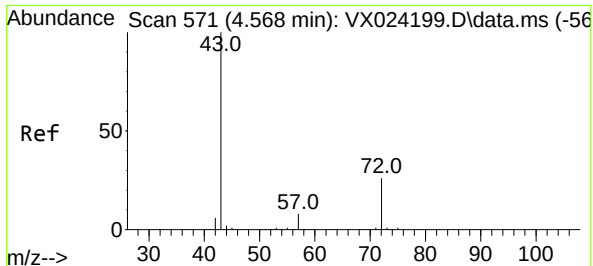
MMDadoda
 9/22/2021 7:39:40 PM



#24
 1,1-Dichloroethane
 Concen: 56.090 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX024321.D
 Acq: 17 Sep 2021 19:53

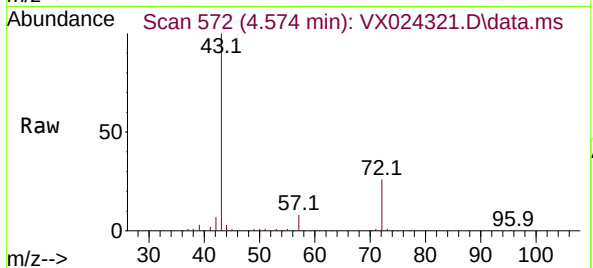
Tgt Ion: 63 Resp: 186830
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.2
 100 3.8 2.5 7.5





#25
2-Butanone
Concen: 281.308 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

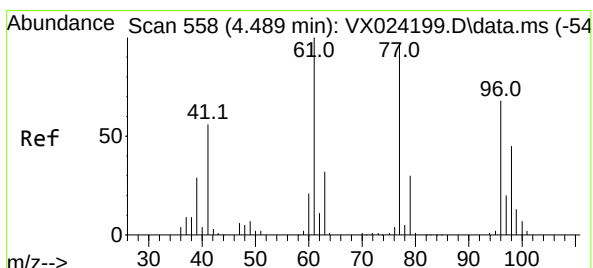
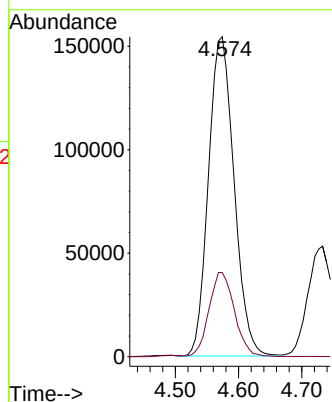
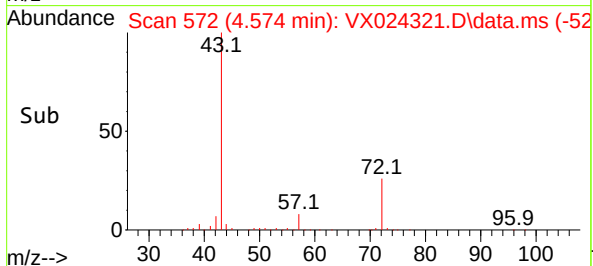
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



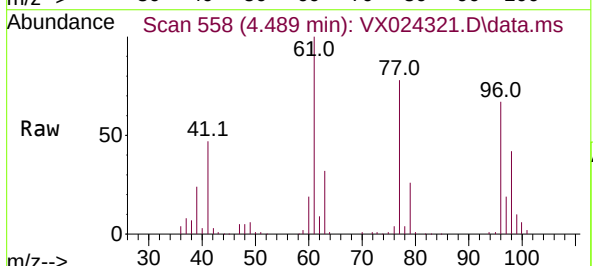
Tgt Ion: 43 Resp: 434511
Ion Ratio Lower Upper
43 100
72 26.3 23.7 35.5

Manual Integrations
APPROVED

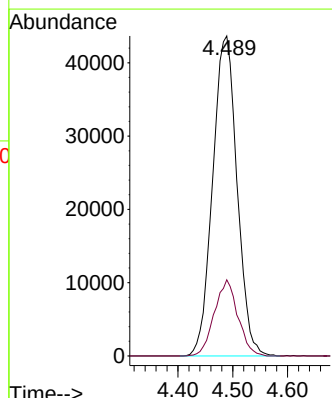
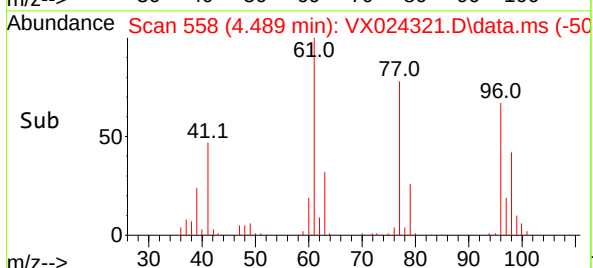
MMDadoda
9/22/2021 7:39:40 PM

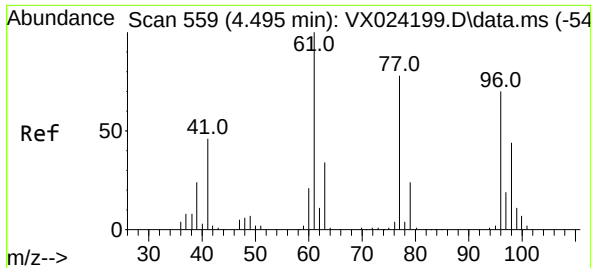


#26
2,2-Dichloropropane
Concen: 46.238 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



Tgt Ion: 77 Resp: 134897
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 57.692 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX024321.D

Acq: 17 Sep 2021 19:53

Tgt Ion: 96 Resp: 116000

Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	285.6
98	65.1	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

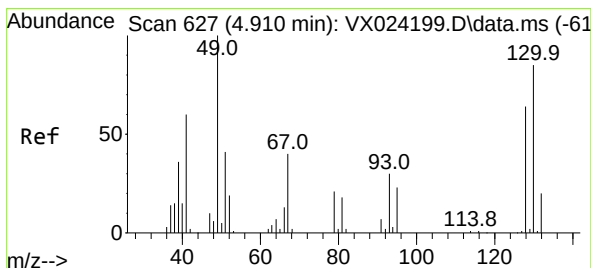
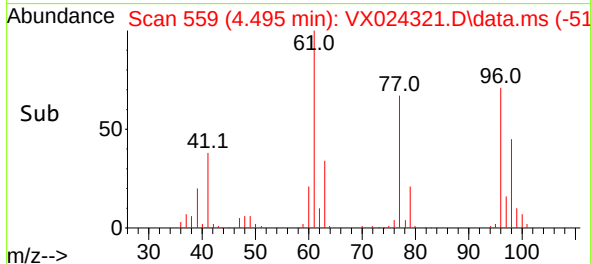
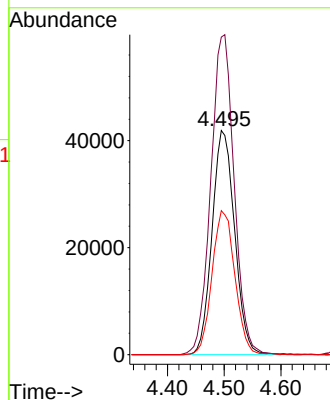
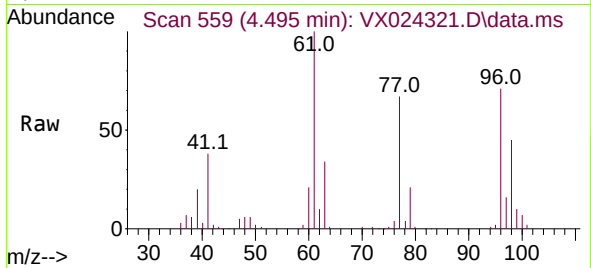
RE139D1-20210915MS

Manual Integrations

APPROVED

MMDadoda

9/22/2021 7:39:40 PM



#28

Bromochloromethane

Concen: 49.065 ug/l

RT: 4.910 min Scan# 627

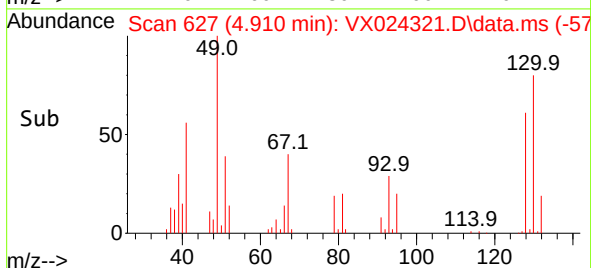
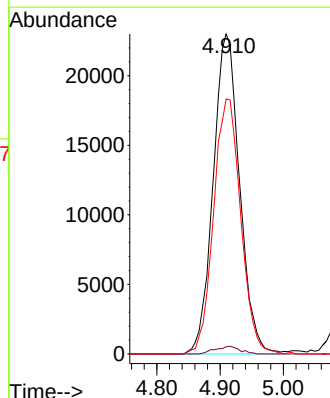
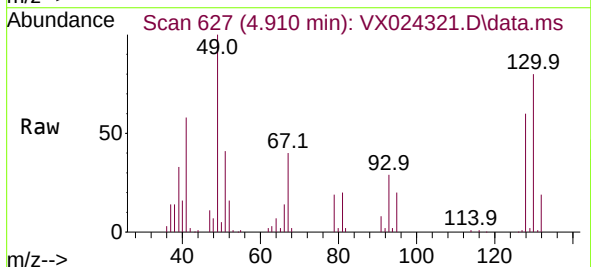
Delta R.T. -0.000 min

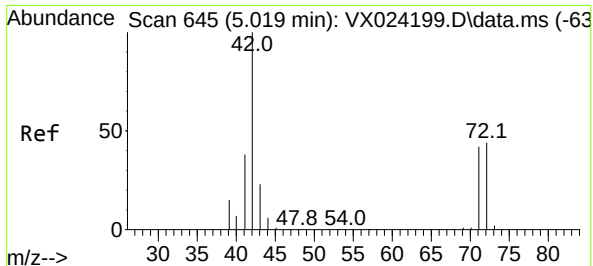
Lab File: VX024321.D

Acq: 17 Sep 2021 19:53

Tgt Ion: 49 Resp: 66591

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	81.8	68.2	102.2





#29

Tetrahydrofuran

Concen: 293.760 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX024321.D

Acq: 17 Sep 2021 19:53

Tgt Ion: 42 Resp: 284003

Ion Ratio Lower Upper

42 100

72 44.4 41.7 62.5

71 41.2 38.4 57.6

Instrument :

MSVOA_X

ClientSampleId :

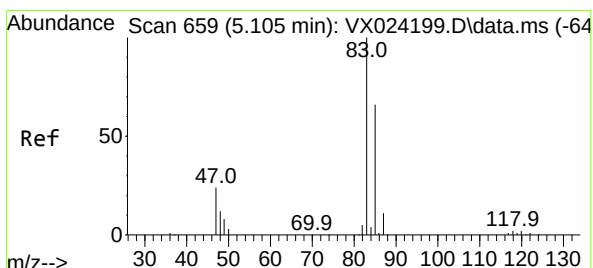
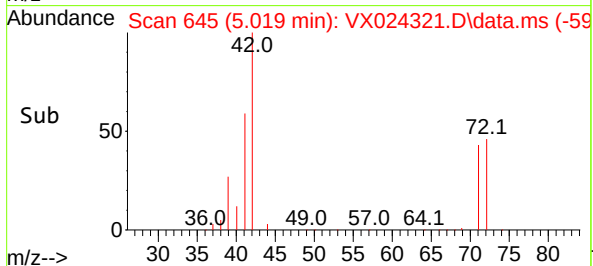
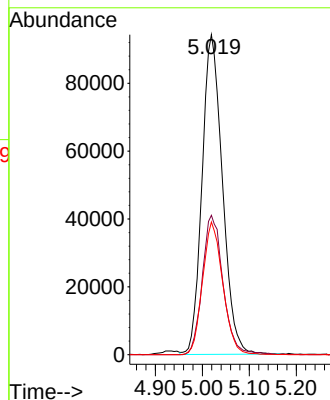
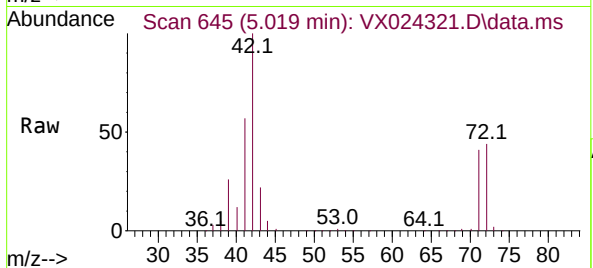
RE139D1-20210915MS

Manual Integrations

APPROVED

MMDadoda

9/22/2021 7:39:40 PM



#30

Chloroform

Concen: 56.281 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024321.D

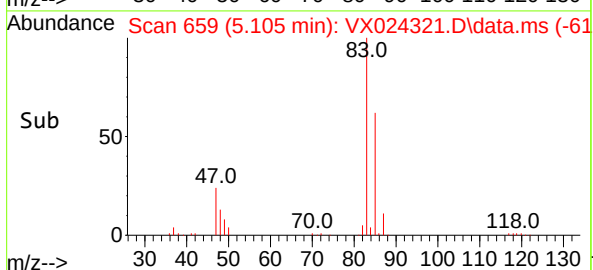
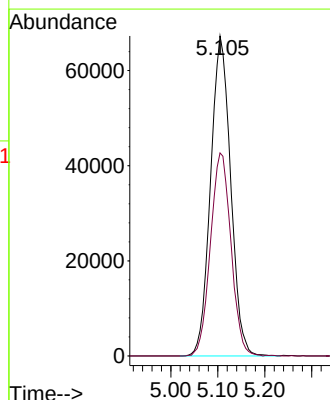
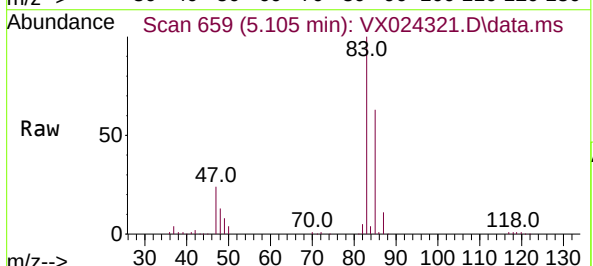
Acq: 17 Sep 2021 19:53

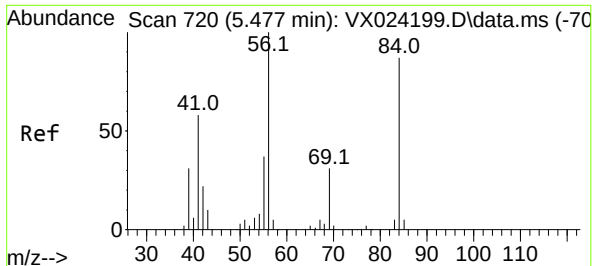
Tgt Ion: 83 Resp: 199355

Ion Ratio Lower Upper

83 100

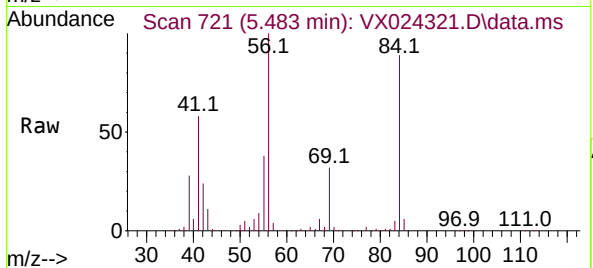
85 63.5 52.0 78.0





#31
Cyclohexane
Concen: 54.936 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

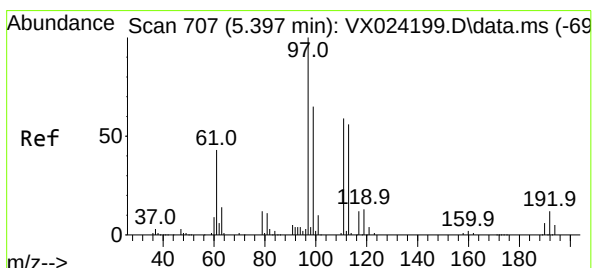
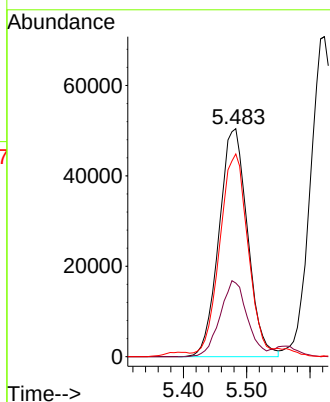
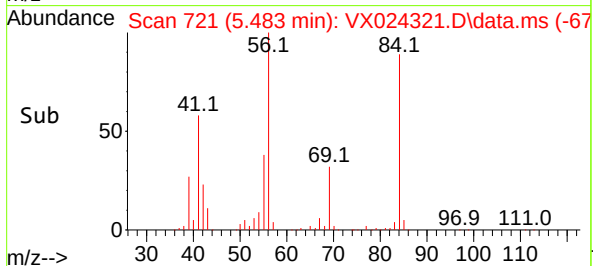
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



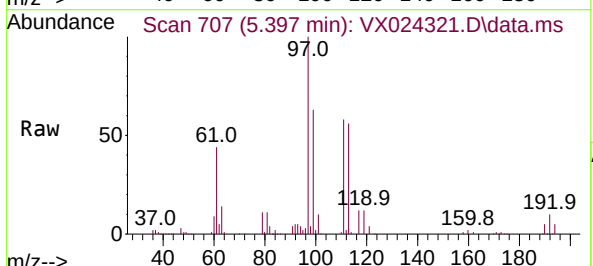
Tgt Ion: 56 Resp: 158042
Ion Ratio Lower Upper
56 100
69 32.3 25.3 37.9
84 87.0 71.4 107.0

Manual Integrations
APPROVED

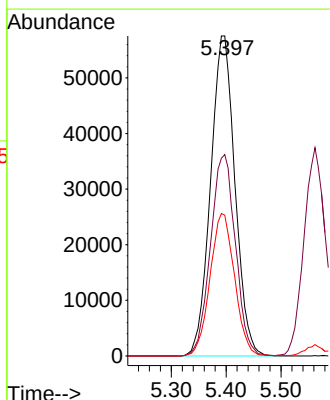
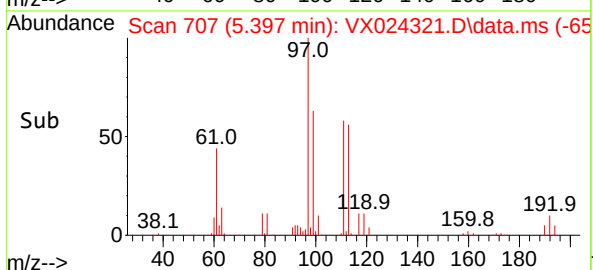
MMDadoda
9/22/2021 7:39:40 PM

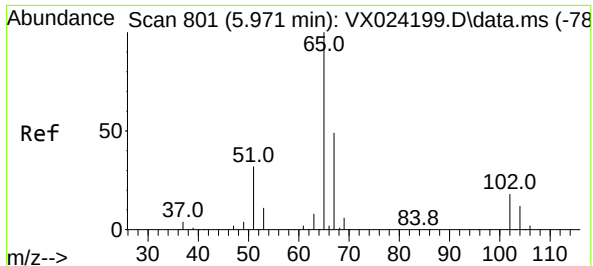


#32
1,1,1-Trichloroethane
Concen: 56.072 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



Tgt Ion: 97 Resp: 177757
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 44.8 34.2 51.4





#33

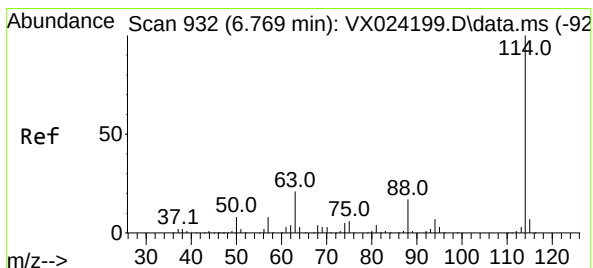
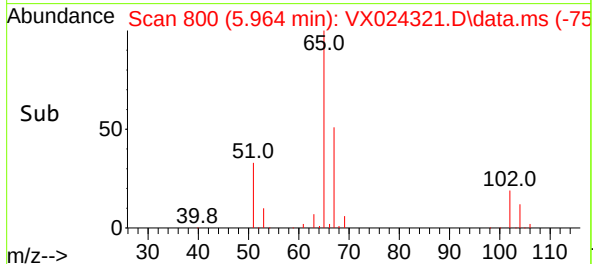
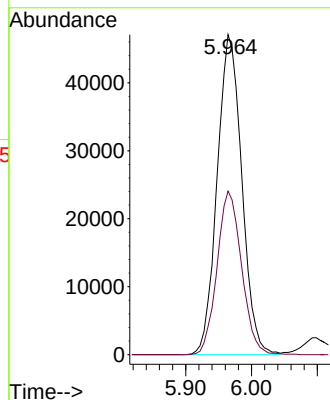
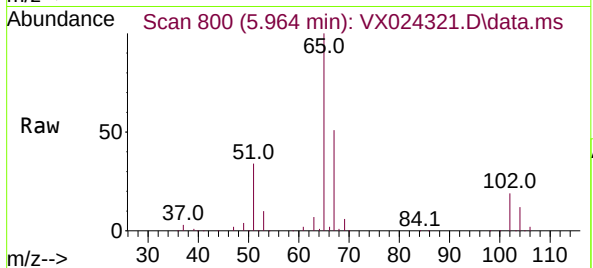
1,2-Dichloroethane-d4
Concen: 49.948 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 65 Resp: 122846
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

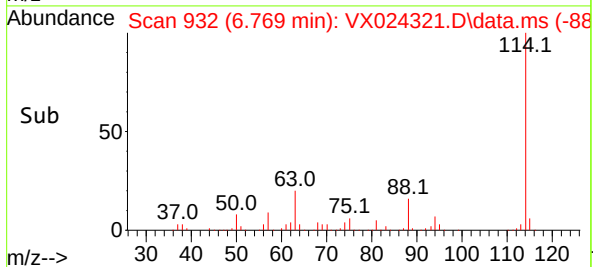
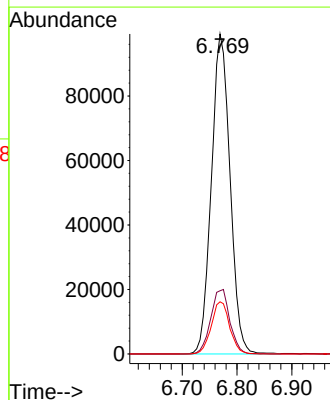
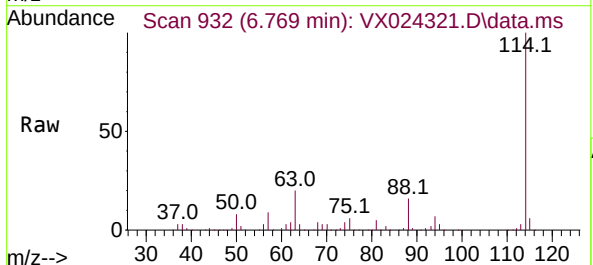
MMDadoda
9/22/2021 7:39:40 PM

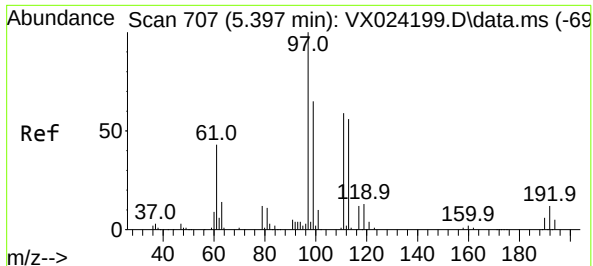


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 114 Resp: 234240
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.3 0.0 32.8





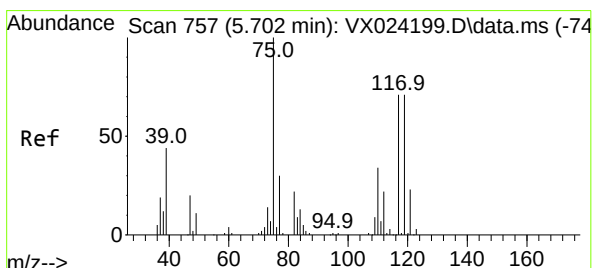
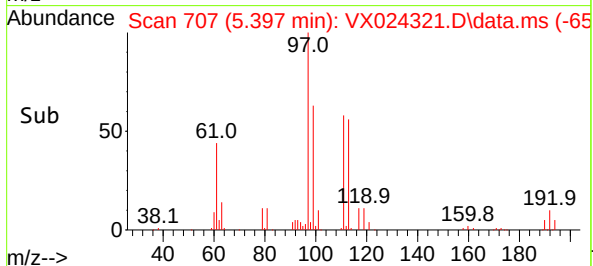
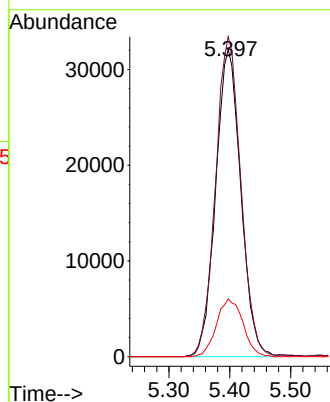
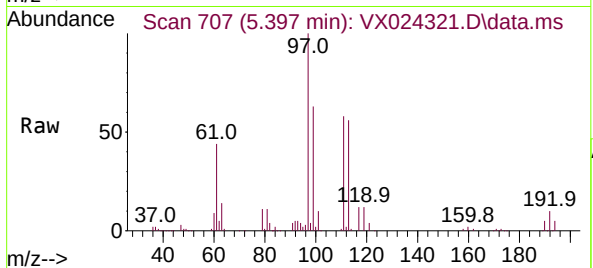
#35
Dibromofluoromethane
Concen: 58.472 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 113 Resp: 91855
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 19.7 16.7 25.1

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

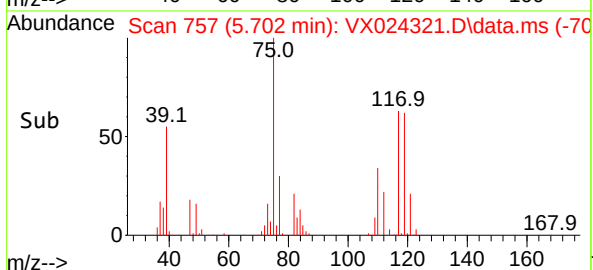
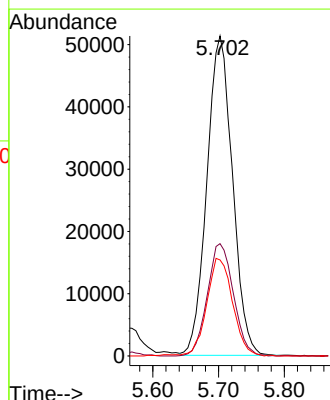
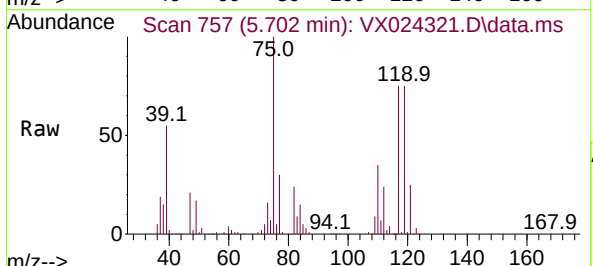
Manual Integrations
APPROVED

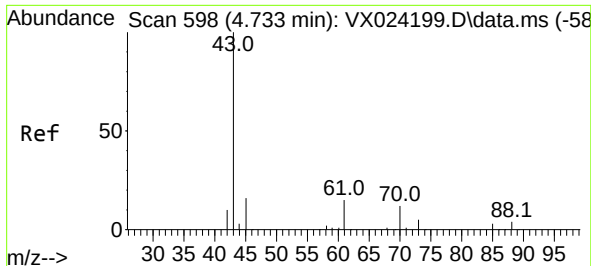
MMDadoda
9/22/2021 7:39:40 PM



#36
1,1-Dichloropropene
Concen: 64.621 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

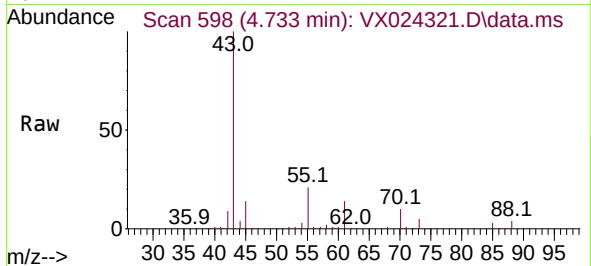
Tgt Ion: 75 Resp: 139168
Ion Ratio Lower Upper
75 100
110 35.7 18.1 54.4
77 30.8 25.3 37.9





#37
Ethyl Acetate
Concen: 61.320 ug/l
RT: 4.733 min Scan# 598
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

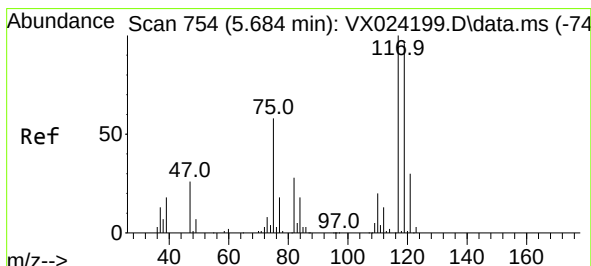
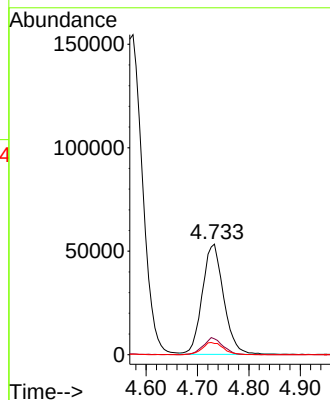
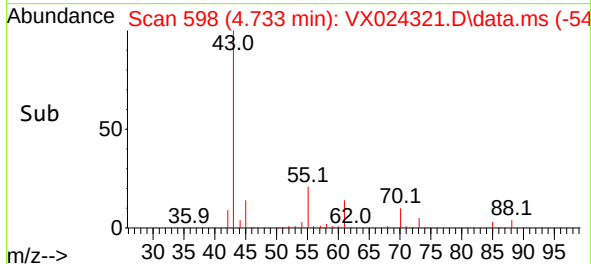
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



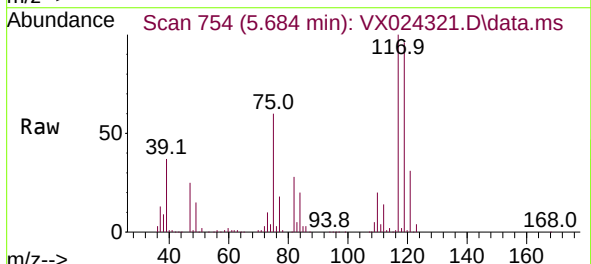
Tgt Ion: 43 Resp: 153877
Ion Ratio Lower Upper
43 100
61 14.2 12.8 19.2
70 10.9 10.5 15.7

Manual Integrations
APPROVED

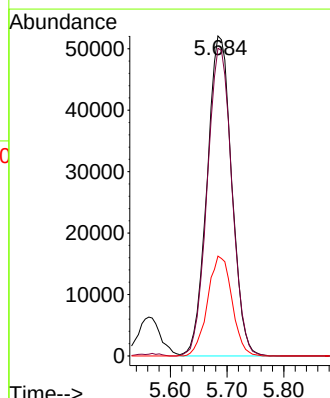
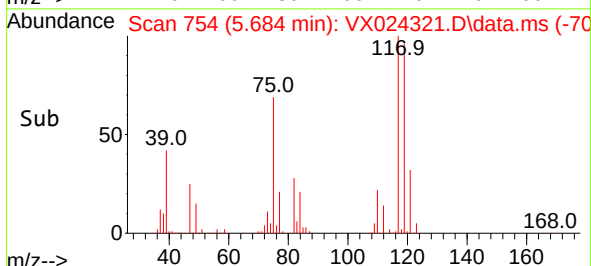
MMDadoda
9/22/2021 7:39:40 PM

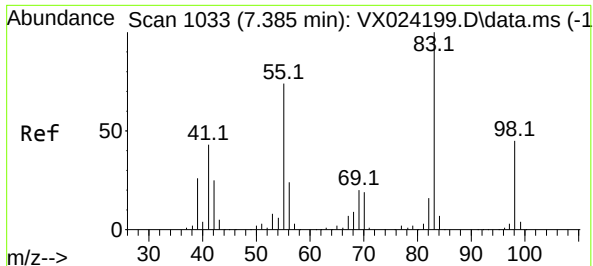


#38
Carbon Tetrachloride
Concen: 64.947 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



Tgt Ion: 117 Resp: 157429
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 55.604 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX024321.D

Acq: 17 Sep 2021 19:53

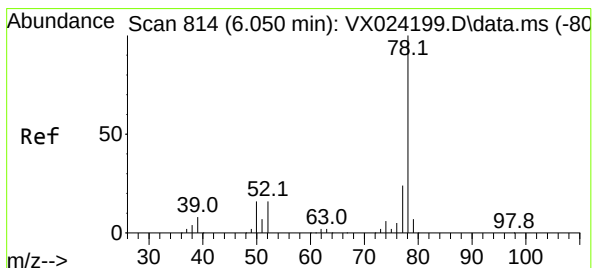
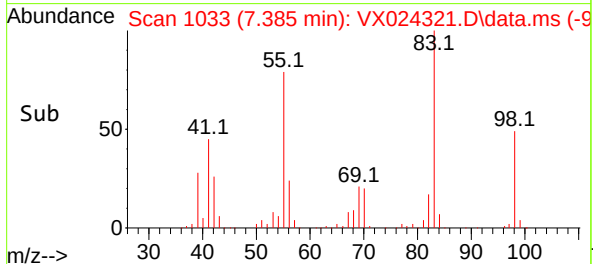
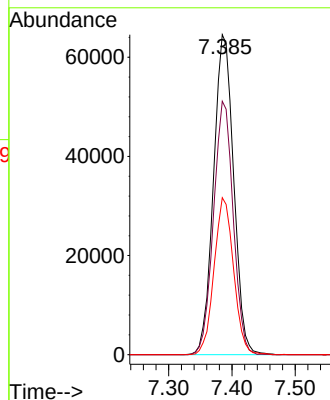
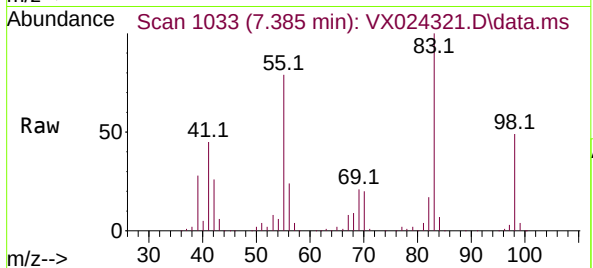
Tgt Ion: 83 Resp: 142970

Ion Ratio Lower Upper

83 100

55 79.2 58.9 88.3

98 49.0 38.1 57.1



#40

Benzene

Concen: 66.262 ug/l

RT: 6.050 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX024321.D

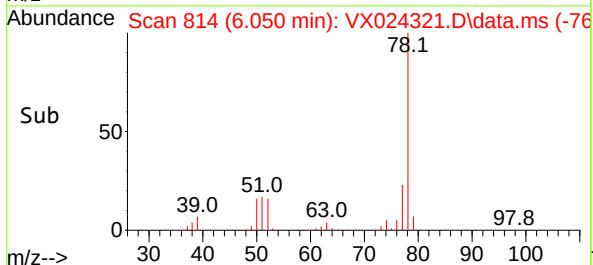
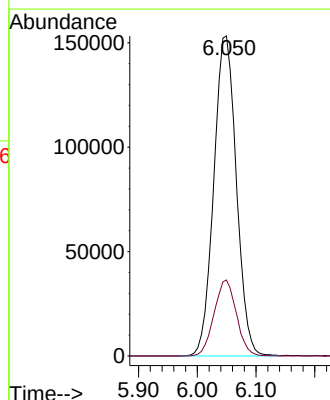
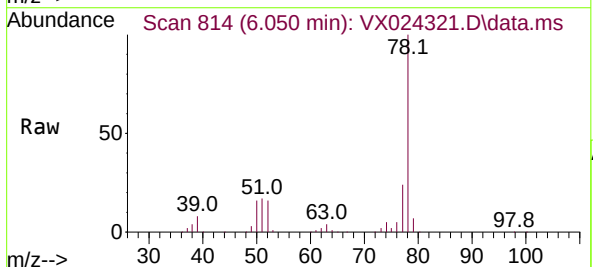
Acq: 17 Sep 2021 19:53

Tgt Ion: 78 Resp: 409285

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3



Instrument :

MSVOA_X

ClientSampleId :

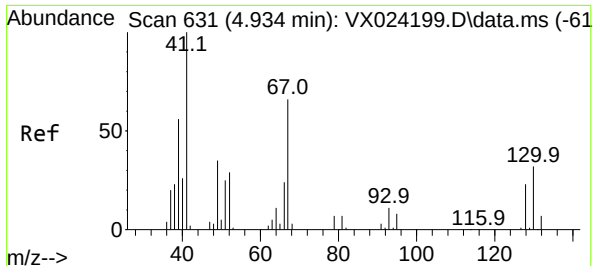
RE139D1-20210915MS

Manual Integrations

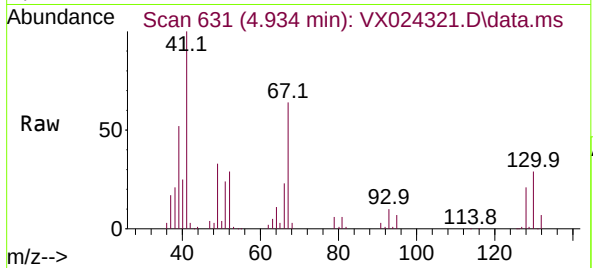
APPROVED

MMDadoda

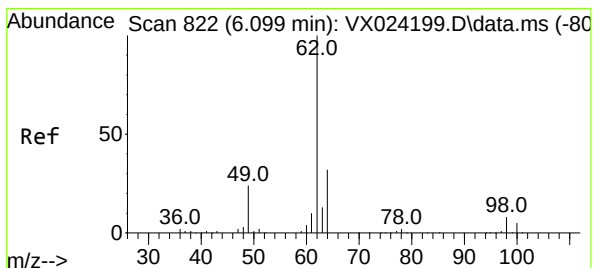
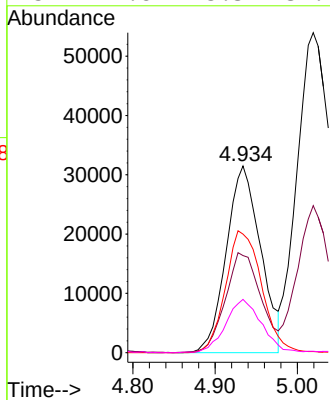
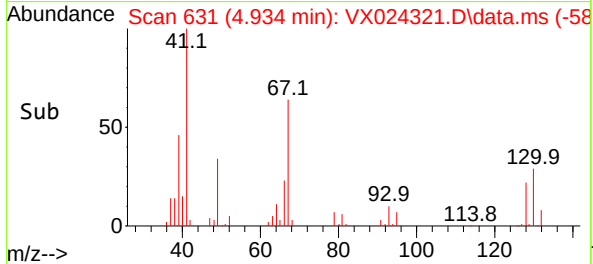
9/22/2021 7:39:40 PM



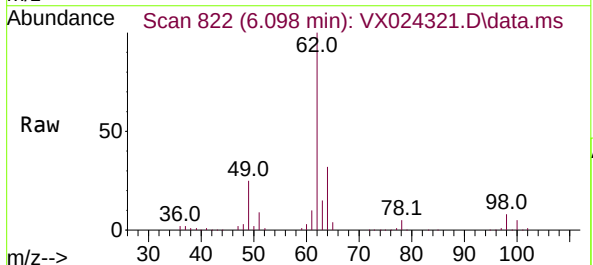
#41
Methacrylonitrile
Concen: 68.415 ug/l
RT: 4.934 min Scan# 631
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



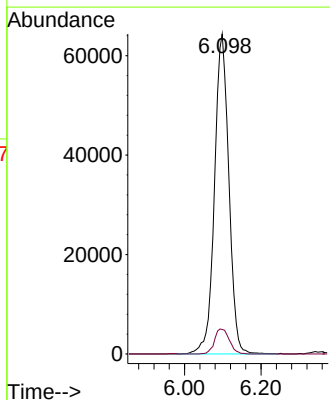
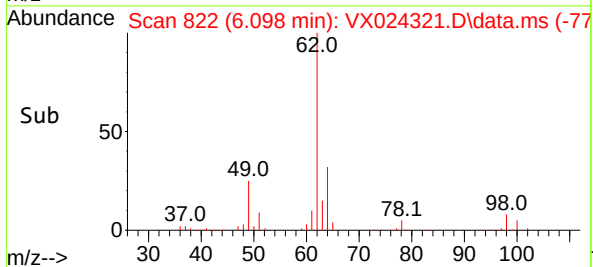
Tgt Ion:	41	Resp:	91555
Ion Ratio	Lower	Upper	
41	100		
39	55.5	42.5	63.7
67	68.7	65.0	97.6
52	29.8	25.3	37.9



#42
1,2-Dichloroethane
Concen: 65.121 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



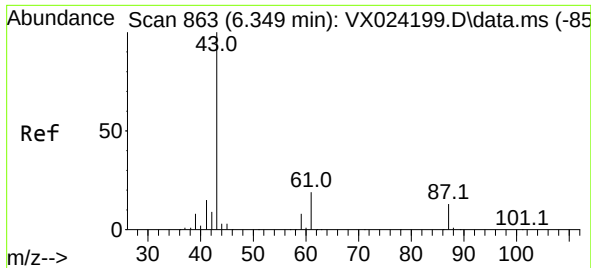
Tgt Ion:	62	Resp:	167732
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	20.2



Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

MMDadoda
9/22/2021 7:39:40 PM



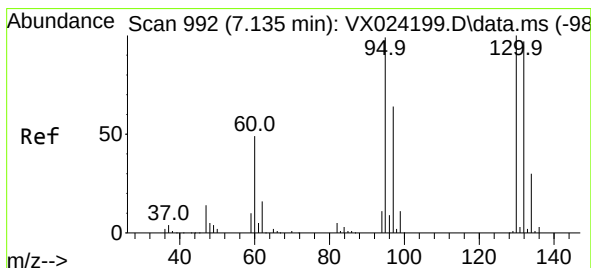
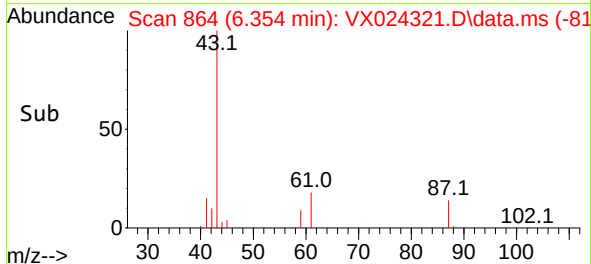
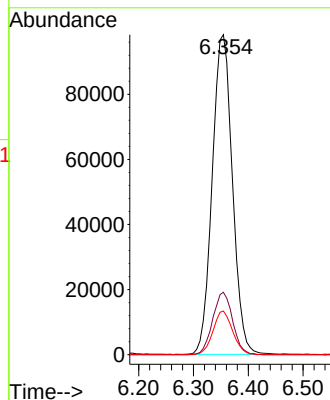
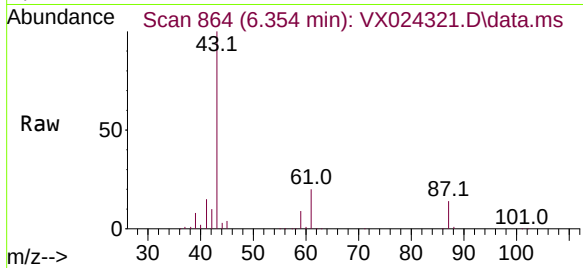
#43
Isopropyl Acetate
Concen: 62.825 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 43	Resp: 250959
Ion Ratio	Lower Upper
43 100	
61 19.3	18.2 27.4
87 13.3	12.5 18.7

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

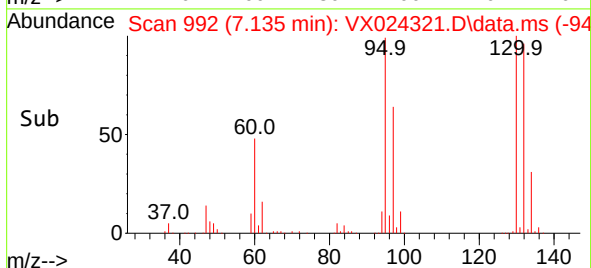
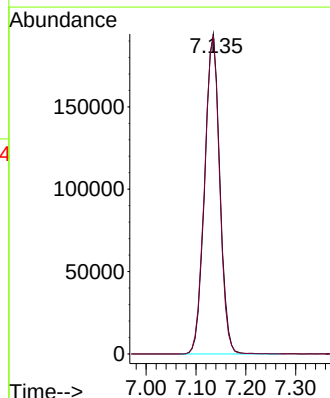
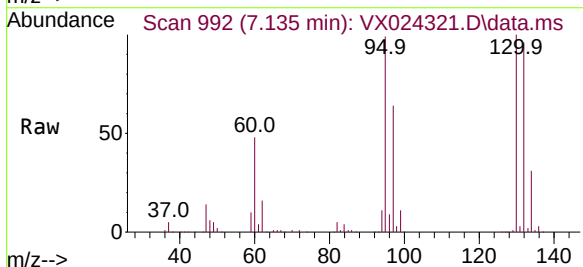
Manual Integrations
APPROVED

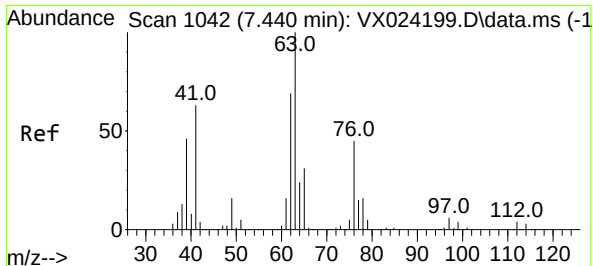
MMDadoda
9/22/2021 7:39:40 PM



#44
Trichloroethene
Concen: 235.863 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion:130	Resp: 409337
Ion Ratio	Lower Upper
130 100	
95 99.1	0.0 198.0





#45

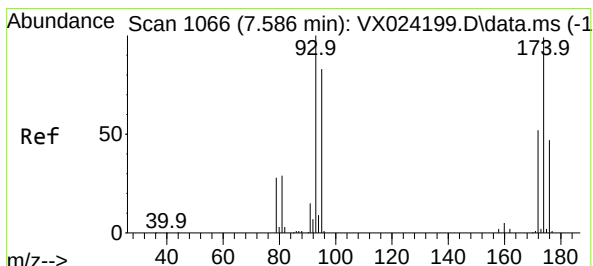
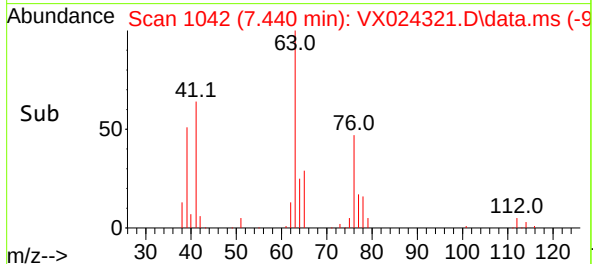
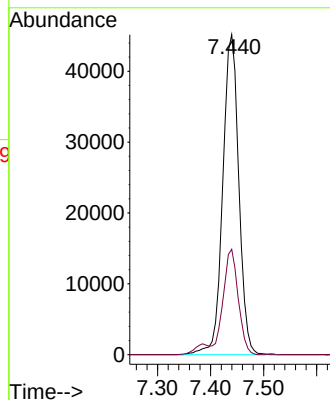
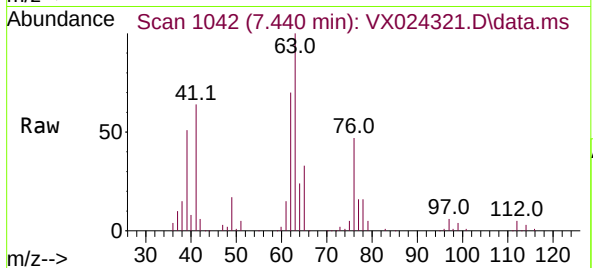
1,2-Dichloropropane
Concen: 58.254 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 63 Resp: 94969
Ion Ratio Lower Upper
63 100
65 33.0 25.7 38.5

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

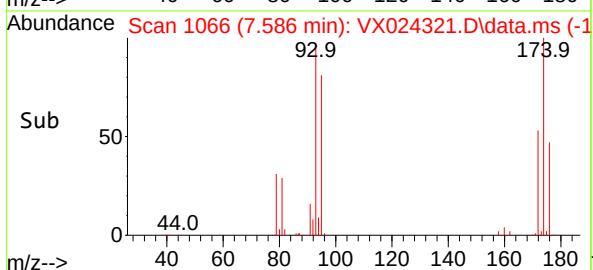
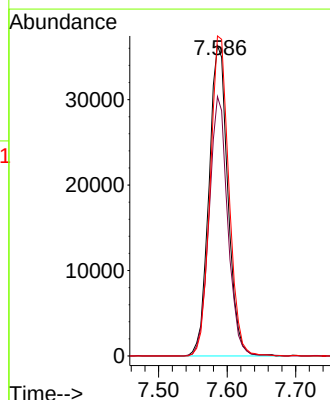
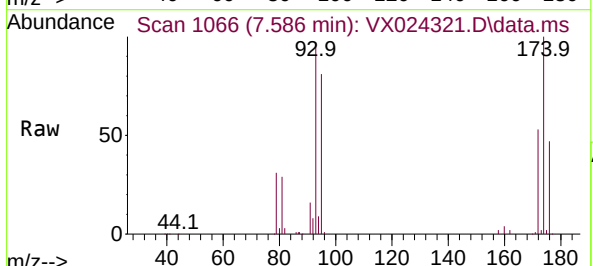
MMDadoda
9/22/2021 7:39:40 PM

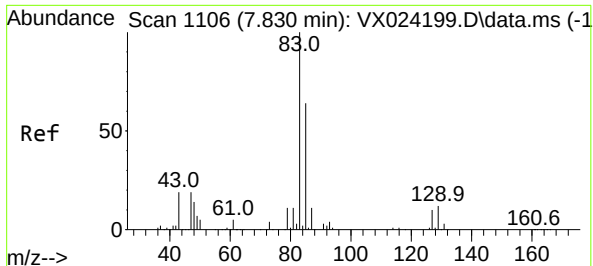


#46

Dibromomethane
Concen: 58.453 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 93 Resp: 69754
Ion Ratio Lower Upper
93 100
95 82.1 66.8 100.2
174 101.6 83.1 124.7





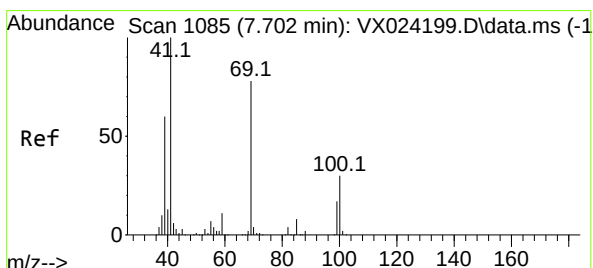
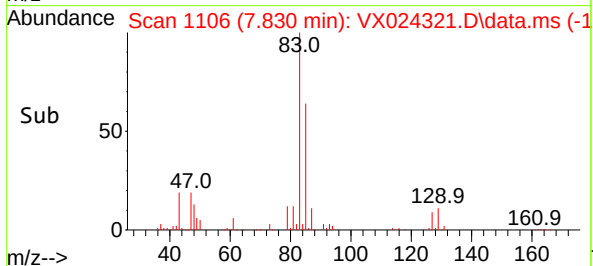
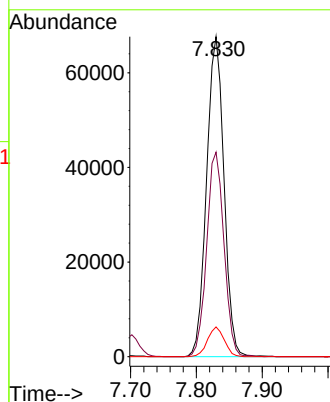
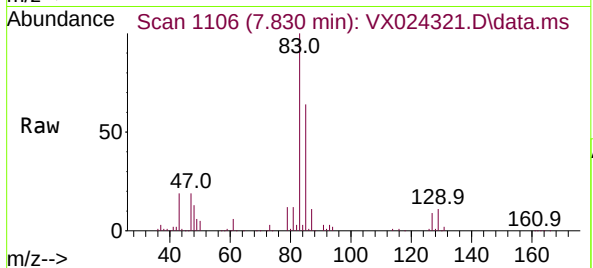
#47
Bromodichloromethane
Concen: 56.073 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 83 Resp: 124423
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 9.3 6.8 10.2

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

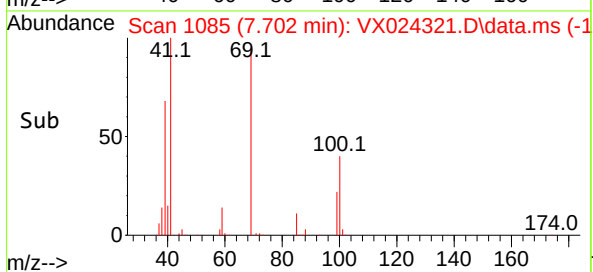
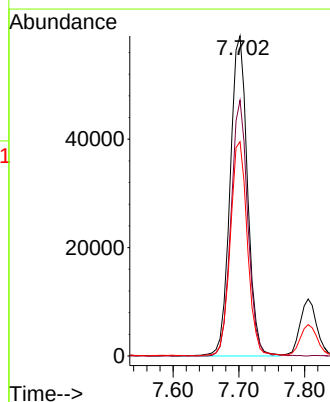
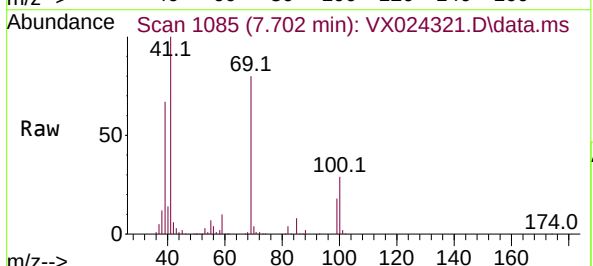
Manual Integrations
APPROVED

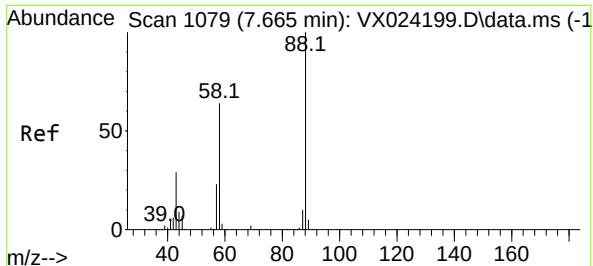
MMDadoda
9/22/2021 7:39:40 PM



#48
Methyl methacrylate
Concen: 54.514 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 41 Resp: 108651
Ion Ratio Lower Upper
41 100
69 77.5 76.0 114.0
39 66.3 44.6 67.0





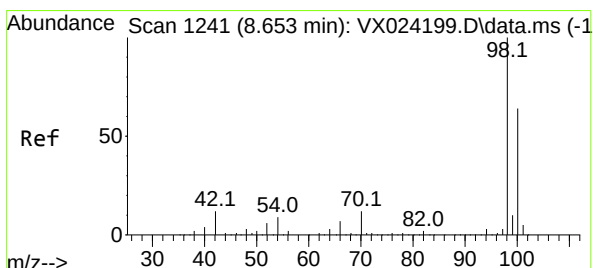
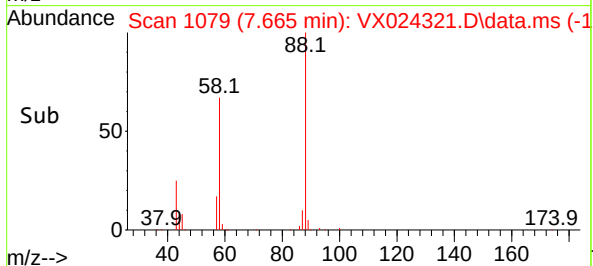
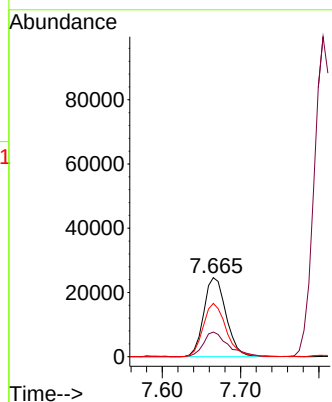
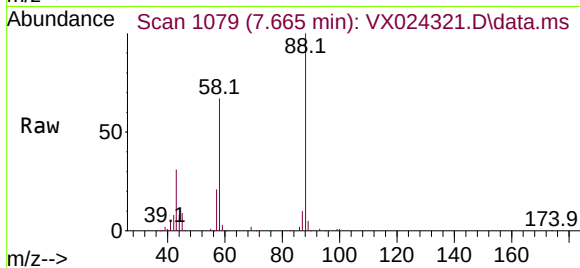
#49
1,4-Dioxane
Concen: 1167.419 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.1	23.2	34.8#
58	69.3	55.0	82.4

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

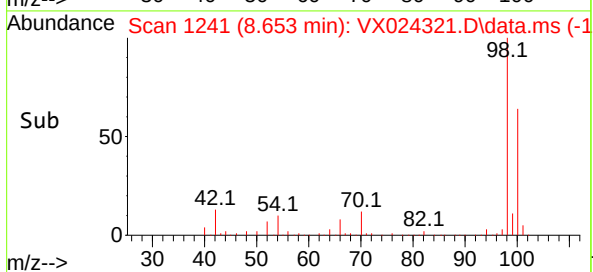
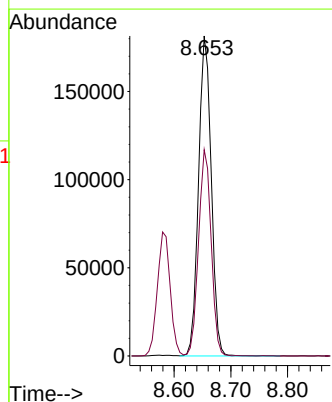
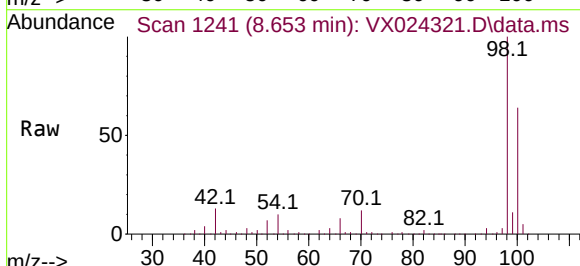
Manual Integrations
APPROVED

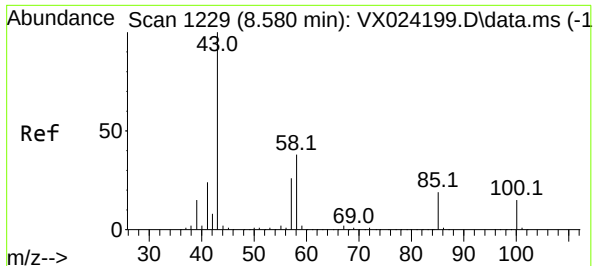
MMDadoda
9/22/2021 7:39:40 PM



#50
Toluene-d8
Concen: 49.330 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.9	77.9





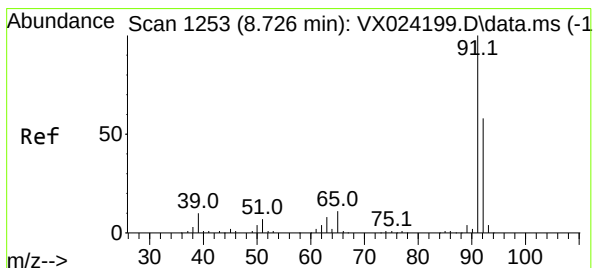
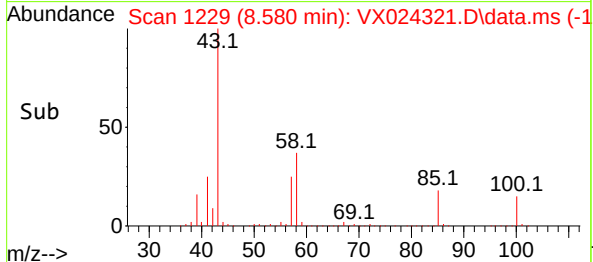
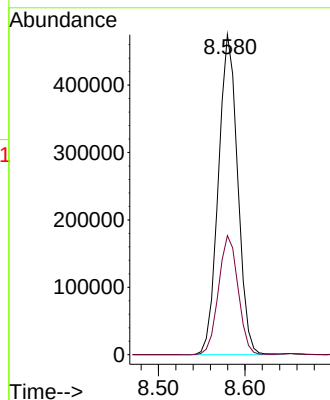
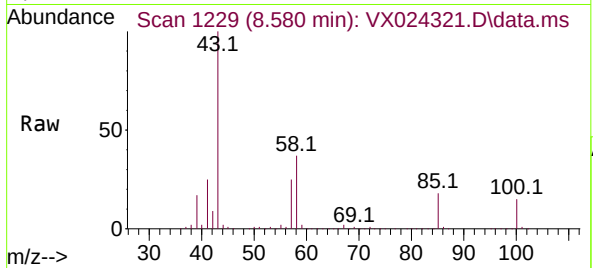
#51
4-Methyl-2-Pentanone
Concen: 288.914 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 43 Resp: 735418
Ion Ratio Lower Upper
43 100
58 37.7 35.4 53.0

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

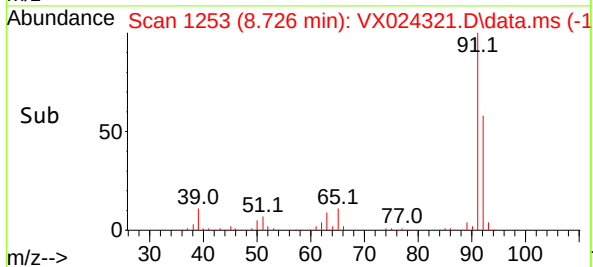
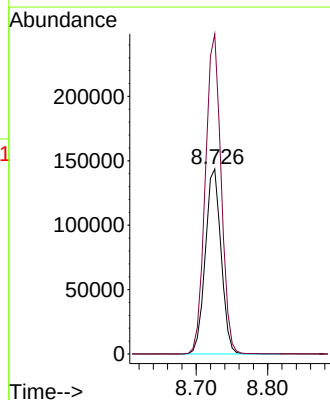
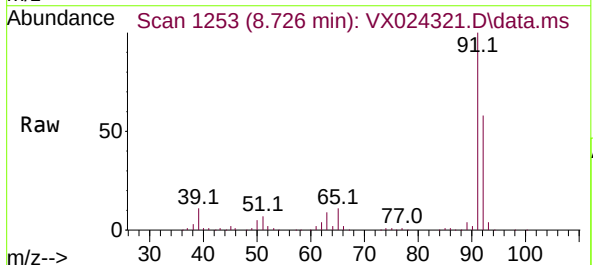
Manual Integrations
APPROVED

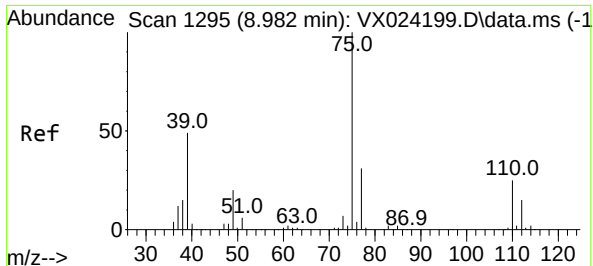
MMDadoda
9/22/2021 7:39:40 PM



#52
Toluene
Concen: 54.315 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 92 Resp: 219886
Ion Ratio Lower Upper
92 100
91 173.0 137.1 205.7





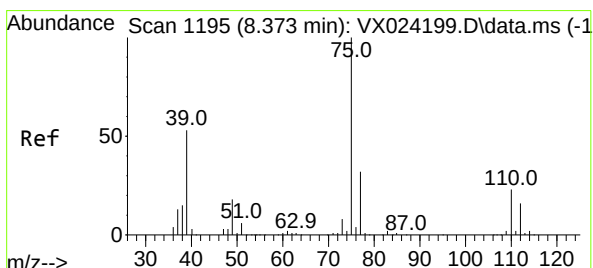
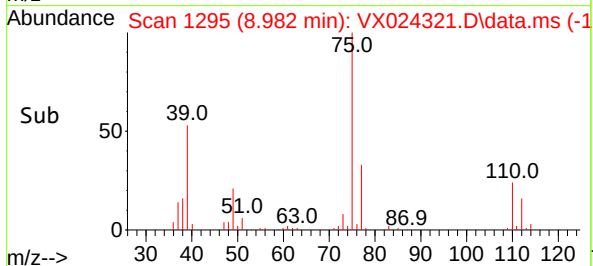
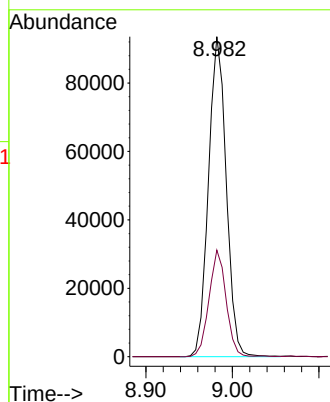
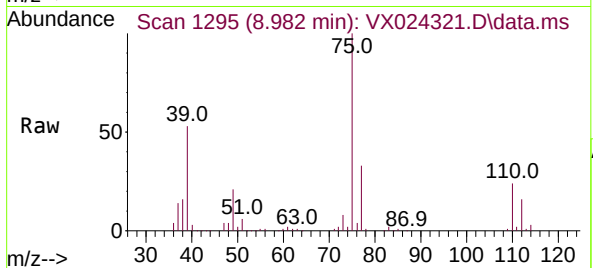
#53
t-1,3-Dichloropropene
Concen: 52.971 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 75 Resp: 133296
Ion Ratio Lower Upper
75 100
77 33.3 24.9 37.3

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

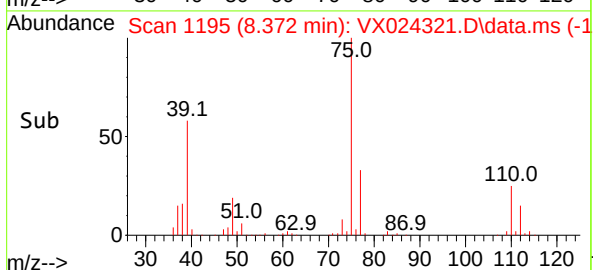
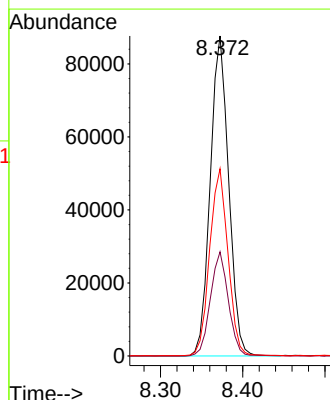
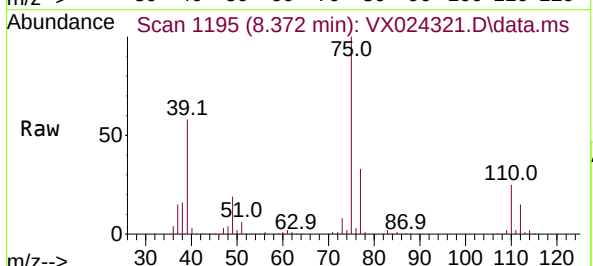
Manual Integrations
APPROVED

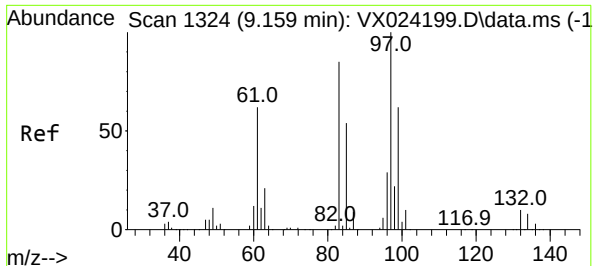
MMDadoda
9/22/2021 7:39:40 PM



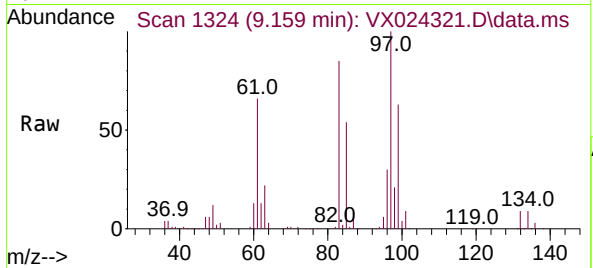
#54
cis-1,3-Dichloropropene
Concen: 52.362 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 75 Resp: 136356
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
39 58.4 35.1 52.7#

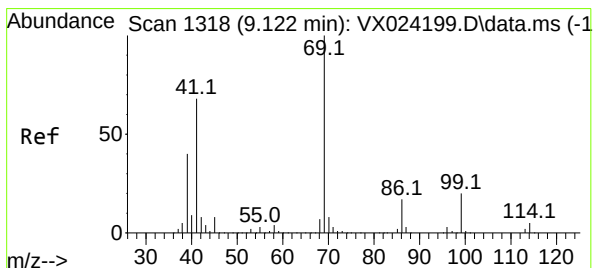
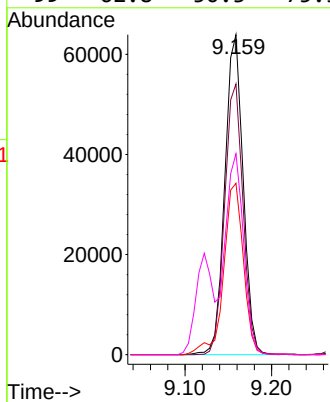
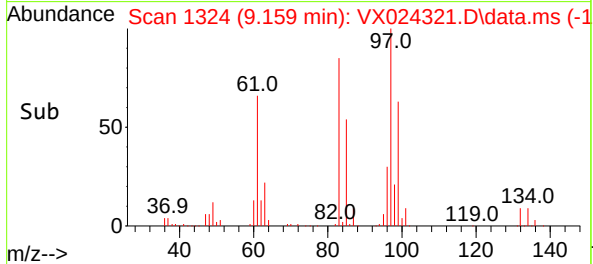




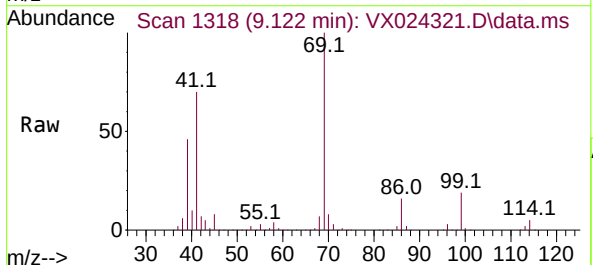
#55
1,1,2-Trichloroethane
Concen: 54.442 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



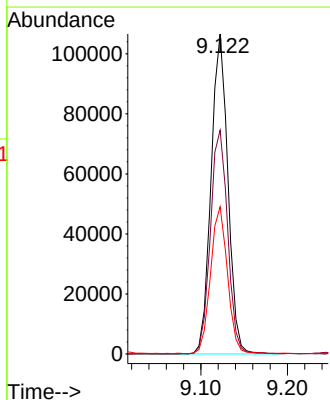
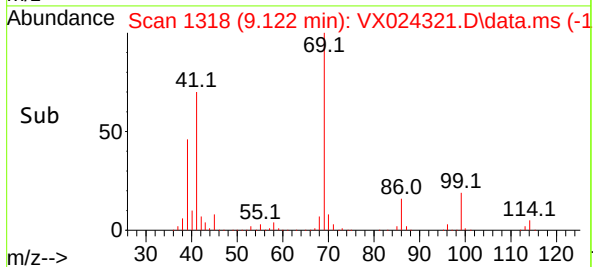
Tgt Ion:	97	Resp:	93864
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.3	103.9
85	53.5	44.3	66.5
99	62.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 50.019 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



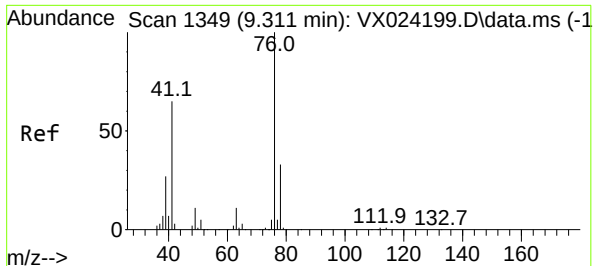
Tgt Ion:	69	Resp:	143958
Ion	Ratio	Lower	Upper
69	100		
41	71.8	46.8	70.2#
39	46.3	24.7	37.1#



Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

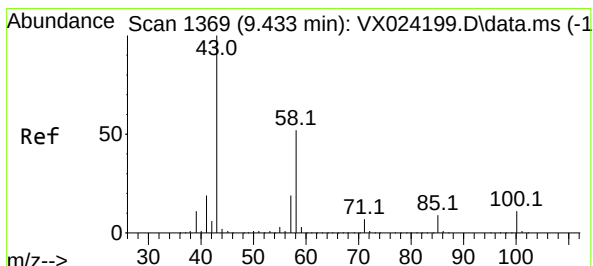
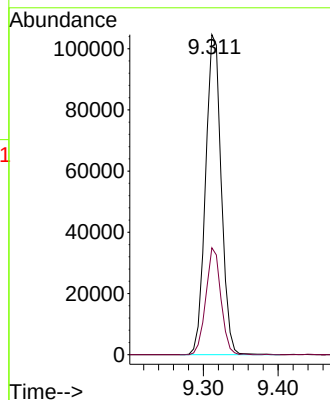
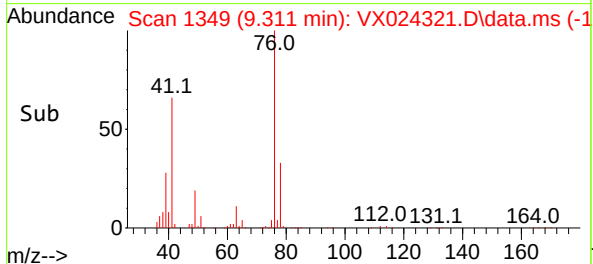
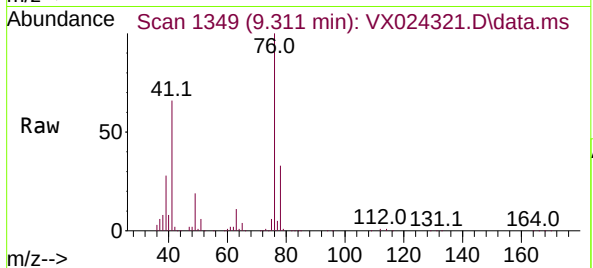
MMDadoda
9/22/2021 7:39:40 PM



#57

1,3-Dichloropropane
Concen: 54.205 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

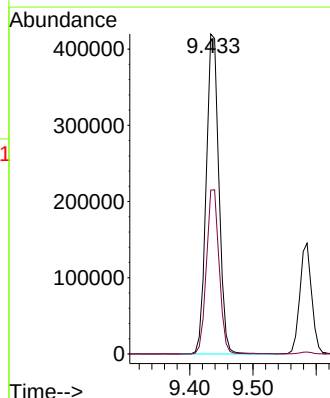
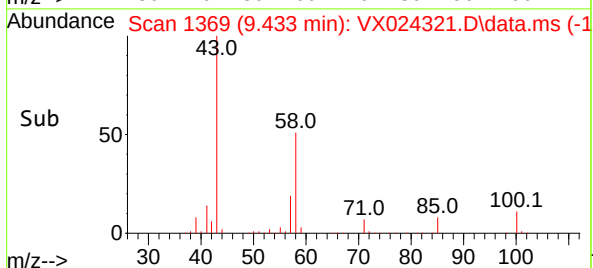
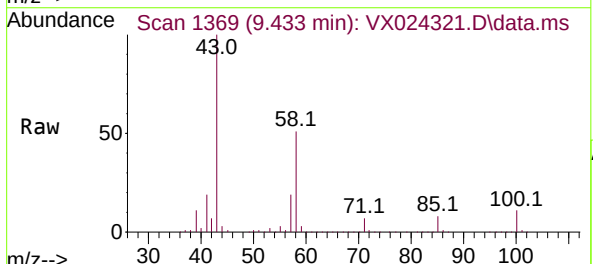
Tgt Ion: 76 Resp: 152199
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2



#59

2-Hexanone
Concen: 295.793 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

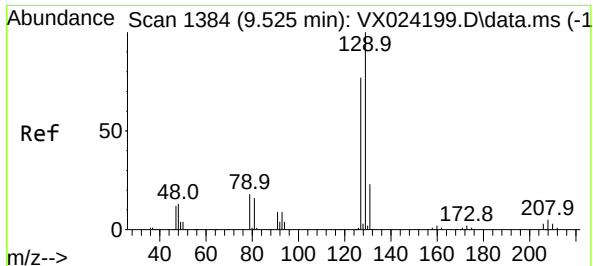
Tgt Ion: 43 Resp: 586682
Ion Ratio Lower Upper
43 100
58 51.4 30.9 92.8



Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

MMDadoda
9/22/2021 7:39:40 PM



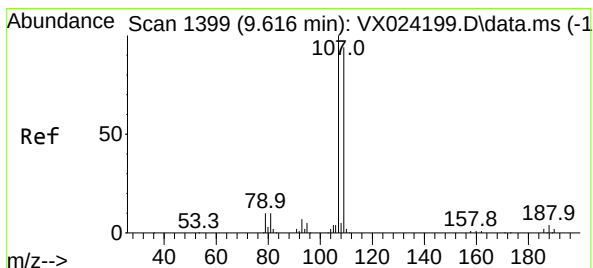
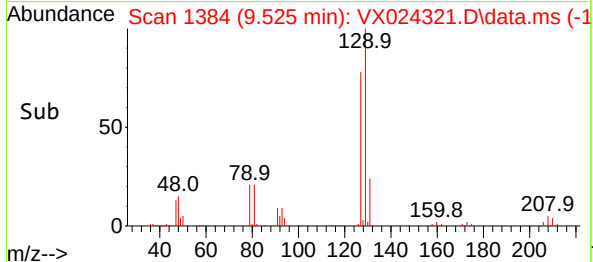
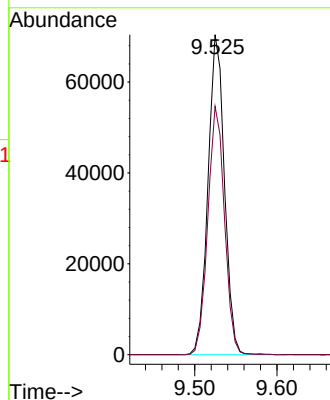
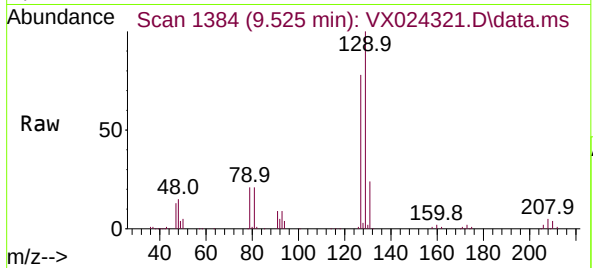
#60
 Dibromochloromethane
 Concen: 49.935 ug/l
 RT: 9.525 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VX024321.D
 Acq: 17 Sep 2021 19:53

Tgt Ion:129 Resp: 97631
 Ion Ratio Lower Upper
 129 100
 127 78.7 38.4 115.2

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915MS

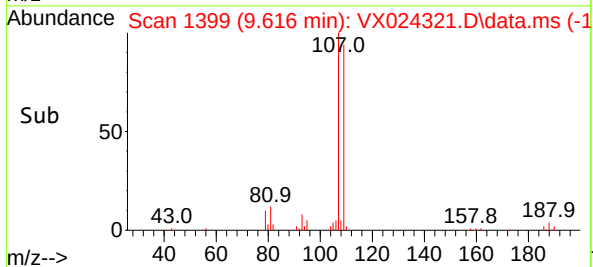
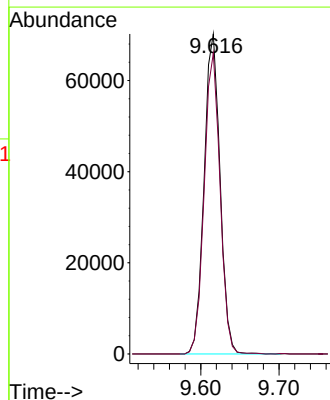
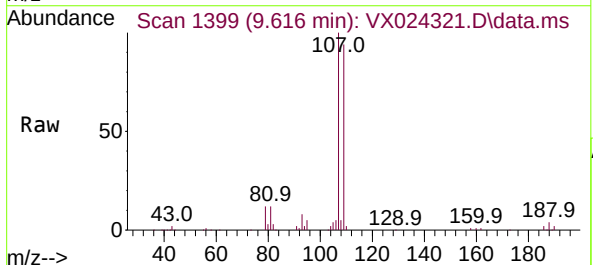
Manual Integrations
 APPROVED

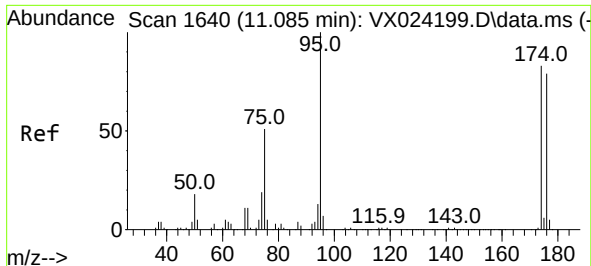
MMDadoda
 9/22/2021 7:39:40 PM



#61
 1,2-Dibromoethane
 Concen: 53.947 ug/l
 RT: 9.616 min Scan# 1399
 Delta R.T. 0.000 min
 Lab File: VX024321.D
 Acq: 17 Sep 2021 19:53

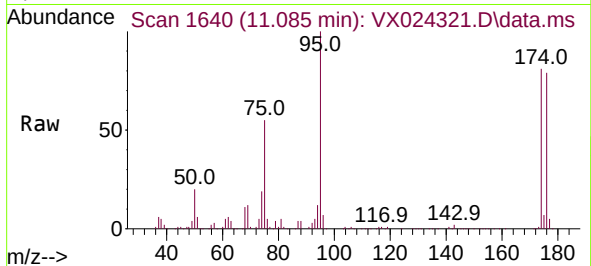
Tgt Ion:107 Resp: 99106
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.8 113.6





#62
4-Bromofluorobenzene
Concen: 50.329 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

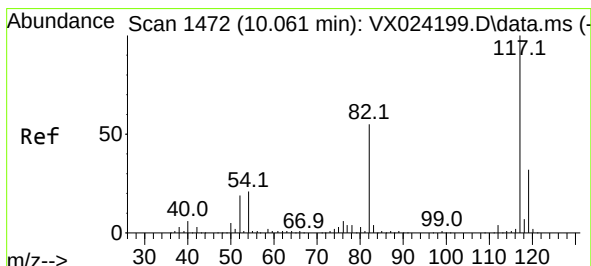
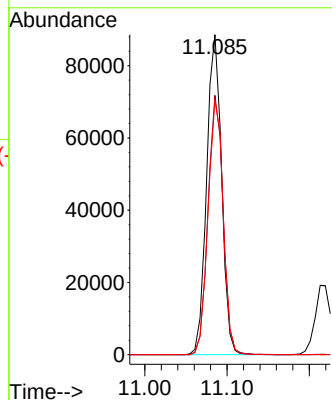
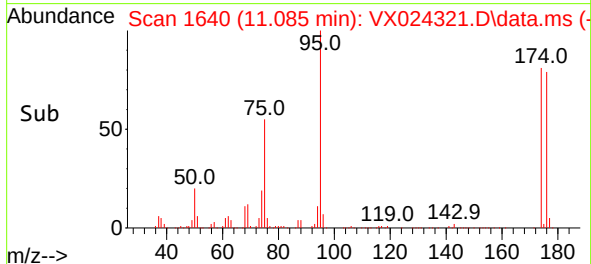
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



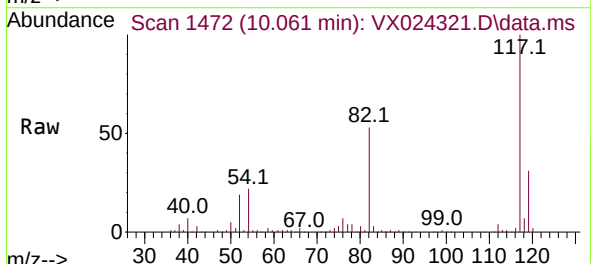
Tgt Ion: 95 Resp: 112087
Ion Ratio Lower Upper
95 100
174 81.4 0.0 154.6
176 80.6 0.0 155.8

Manual Integrations
APPROVED

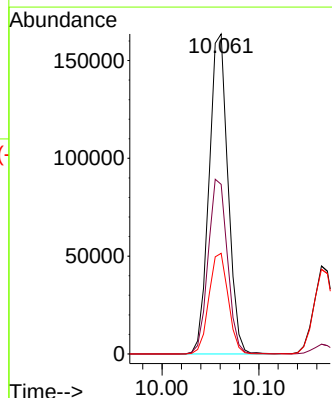
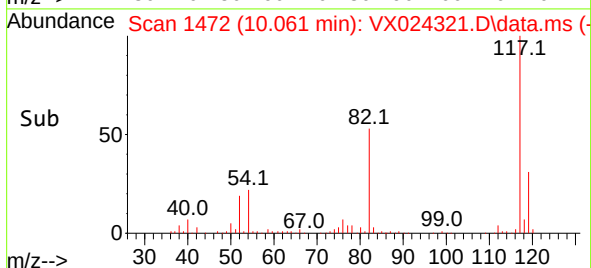
MMDadoda
9/22/2021 7:39:40 PM

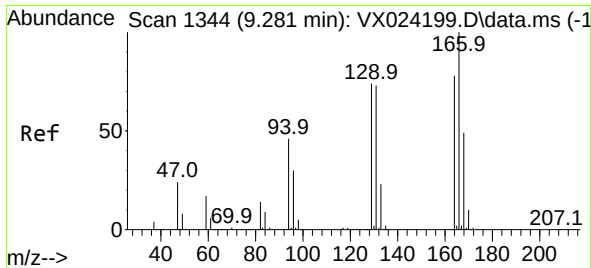


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



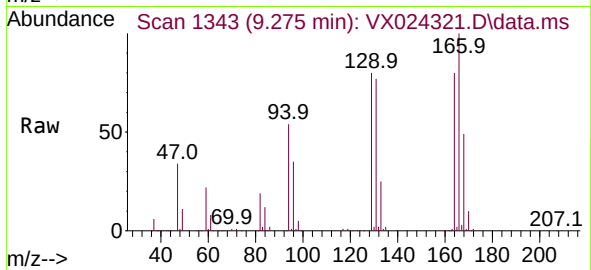
Tgt Ion: 117 Resp: 222716
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 31.5 26.6 39.8





#64
Tetrachloroethene
Concen: 54.199 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

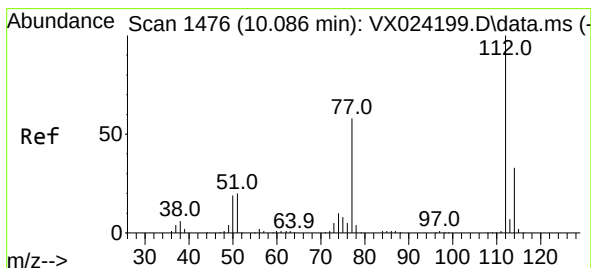
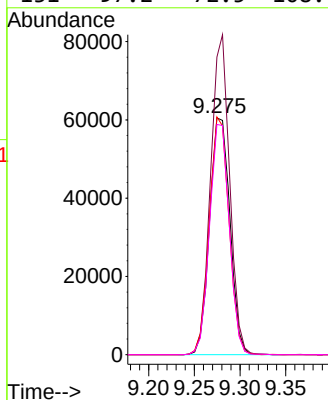
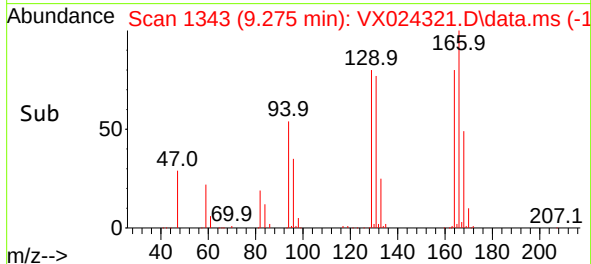
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



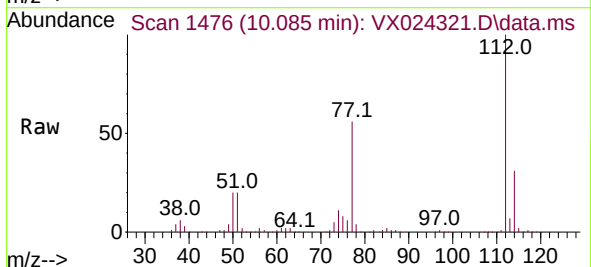
Tgt Ion:164 Resp: 93513
Ion Ratio Lower Upper
164 100
166 125.7 103.4 155.2
129 100.4 70.8 106.2
131 97.2 72.5 108.7

Manual Integrations
APPROVED

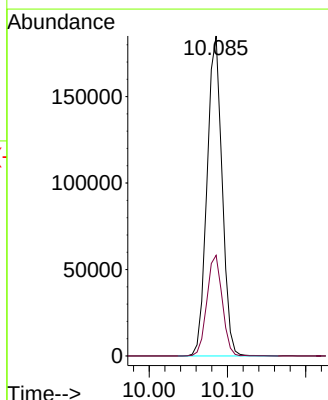
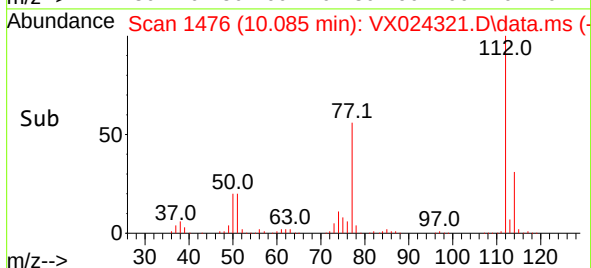
MMDadoda
9/22/2021 7:39:40 PM

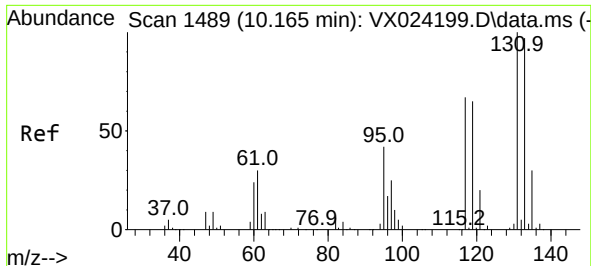


#65
Chlorobenzene
Concen: 53.836 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



Tgt Ion:112 Resp: 246674
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6





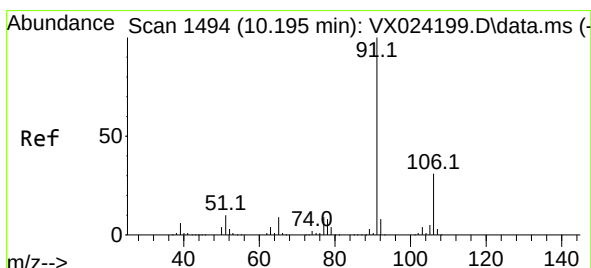
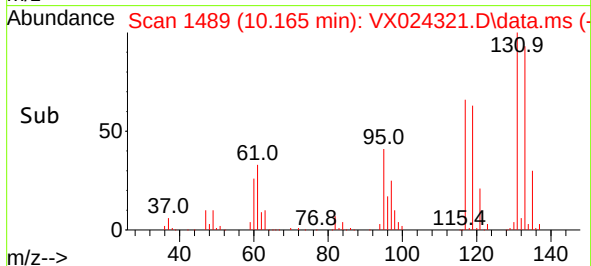
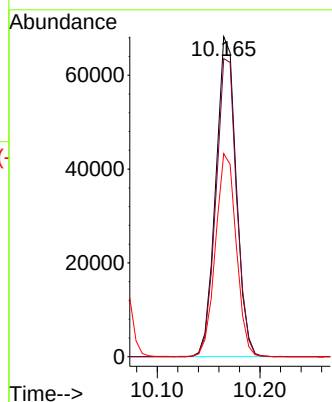
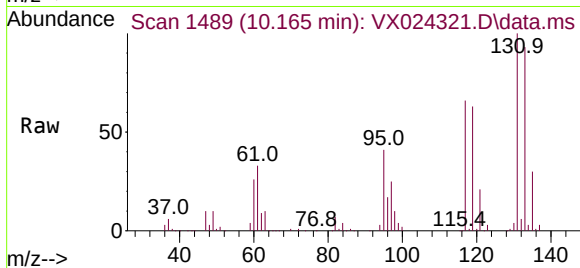
#66
1,1,1,2-Tetrachloroethane
Concen: 55.427 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.7	143.1
119	64.4	32.1	96.5

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

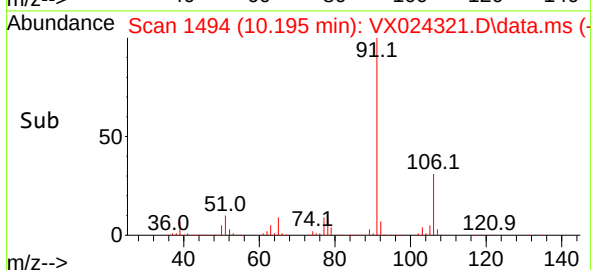
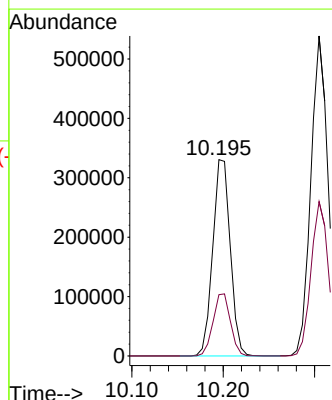
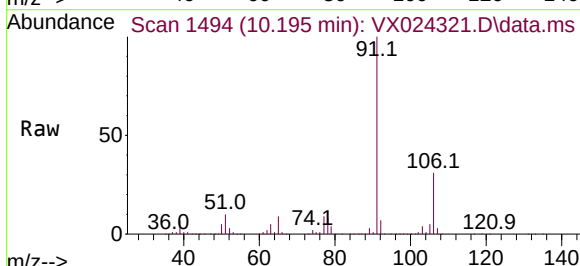
Manual Integrations
APPROVED

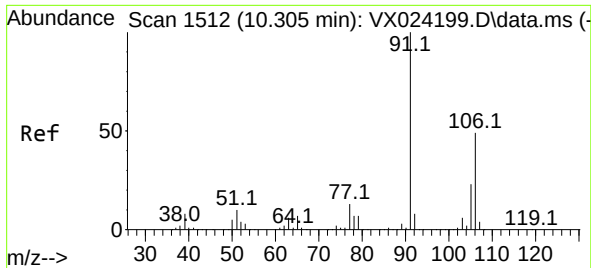
MMDadoda
9/22/2021 7:39:40 PM



#67
Ethyl Benzene
Concen: 54.918 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.6	37.0





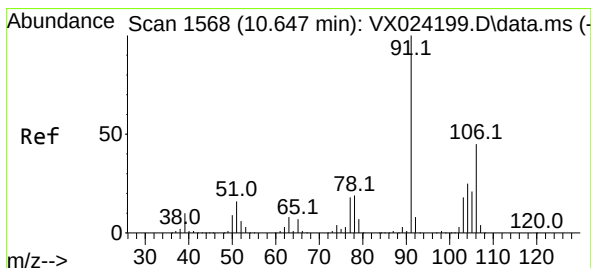
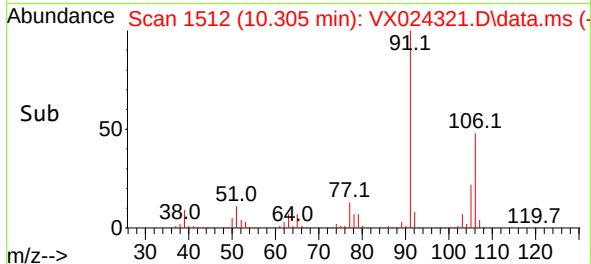
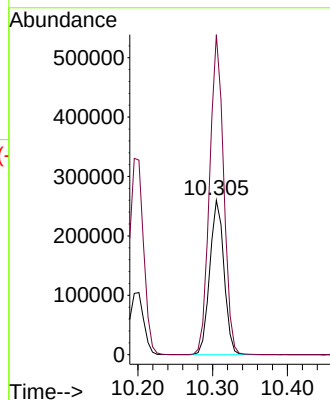
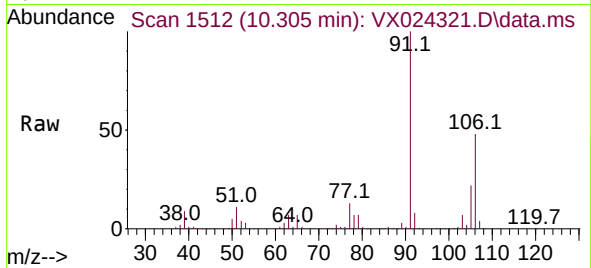
#68
m/p-Xylenes
Concen: 111.991 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion:106 Resp: 343664
Ion Ratio Lower Upper
106 100
91 204.6 162.8 244.2

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

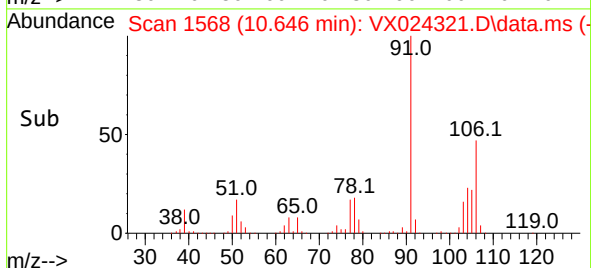
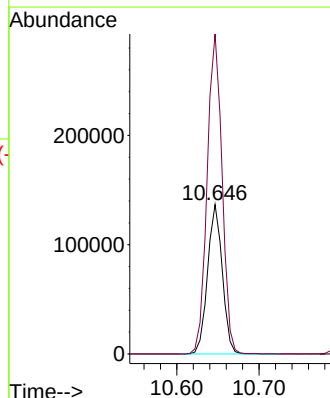
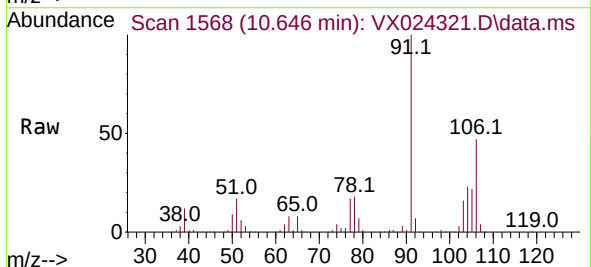
Manual Integrations
APPROVED

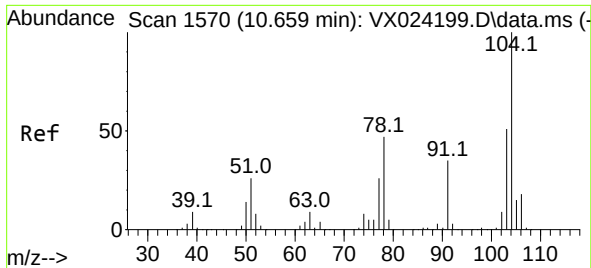
MMDadoda
9/22/2021 7:39:40 PM



#69
o-Xylene
Concen: 55.383 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion:106 Resp: 169649
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.2





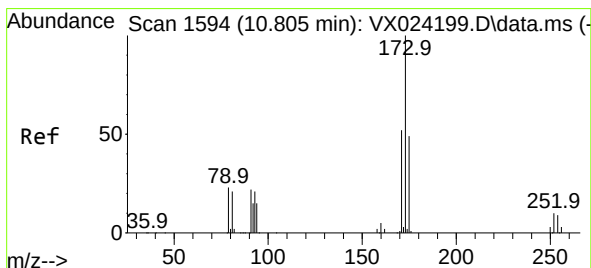
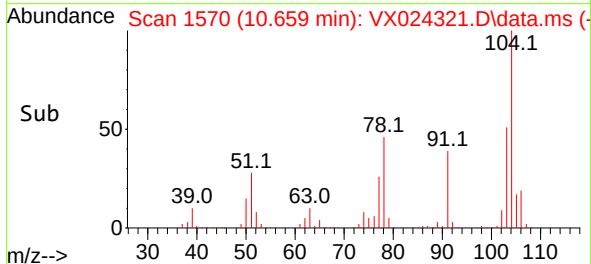
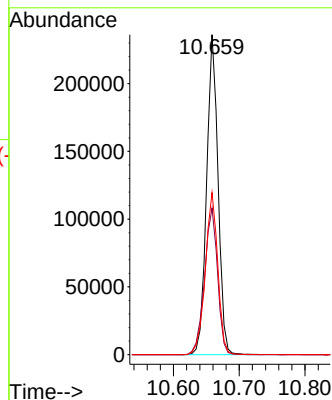
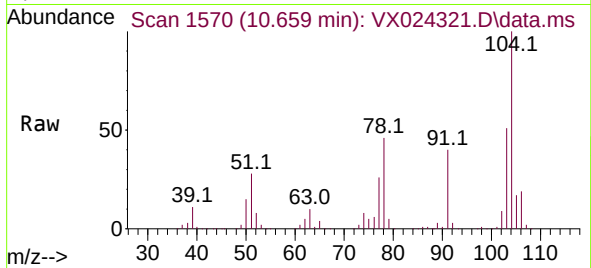
#70
Styrene
Concen: 57.513 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion:104 Resp: 285797
Ion Ratio Lower Upper
104 100
78 52.3 40.0 60.0
103 55.3 43.4 65.0

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

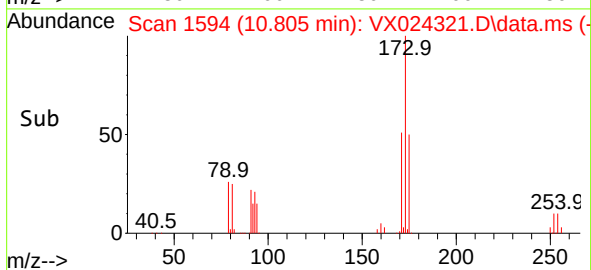
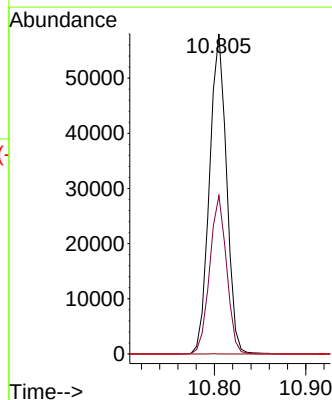
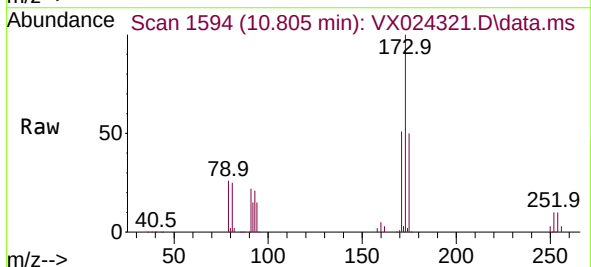
Manual Integrations
APPROVED

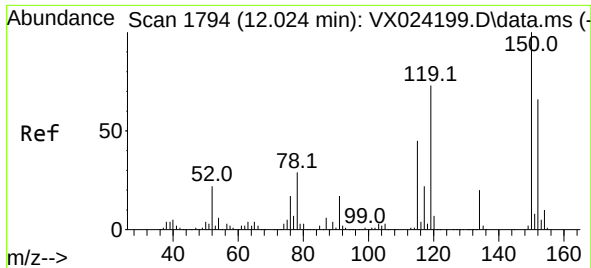
MMDadoda
9/22/2021 7:39:40 PM



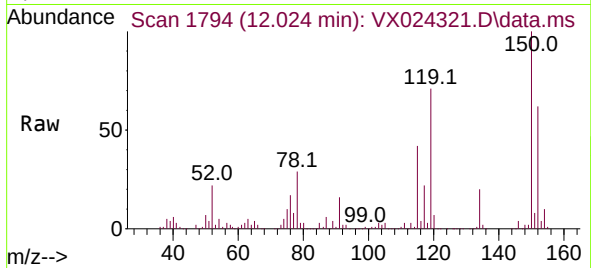
#71
Bromoform
Concen: 52.806 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion:173 Resp: 74916
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.1 0.1#

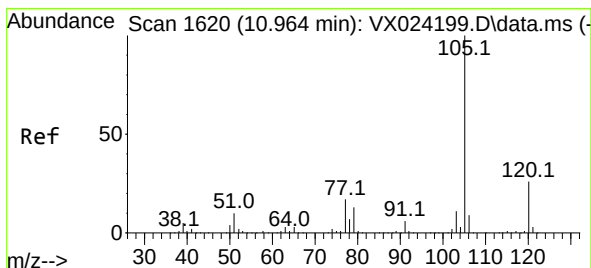
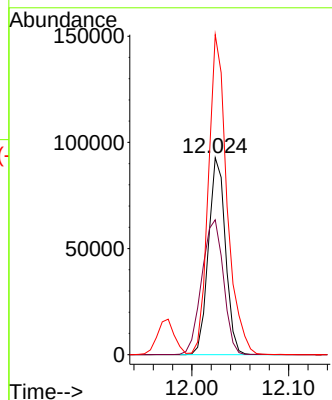
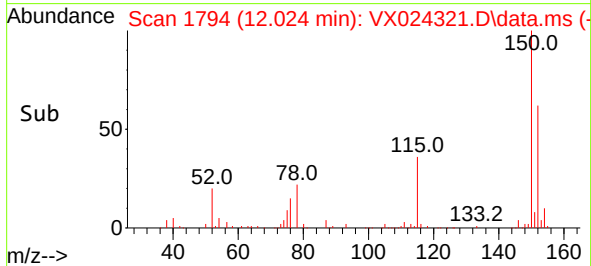




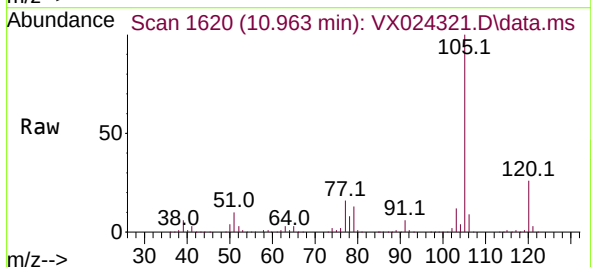
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



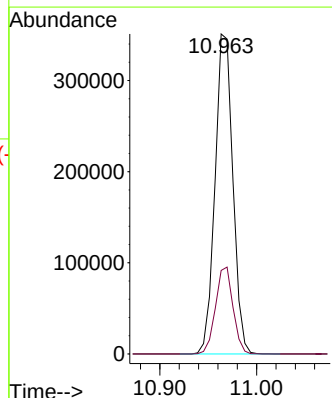
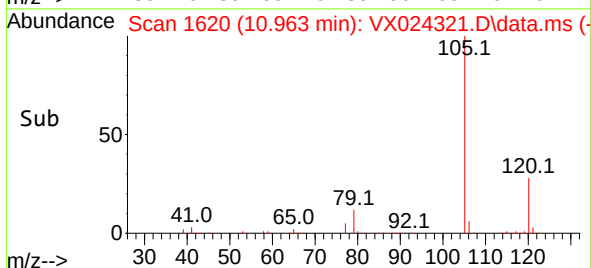
Tgt Ion:152 Resp: 113670
Ion Ratio Lower Upper
152 100
115 87.3 41.1 123.3
150 177.3 0.0 349.0



#73
Isopropylbenzene
Concen: 53.046 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



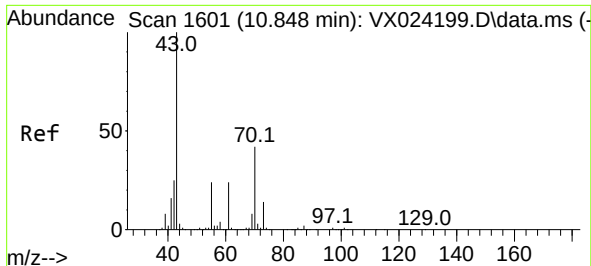
Tgt Ion:105 Resp: 449025
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

MMDadoda
9/22/2021 7:39:40 PM



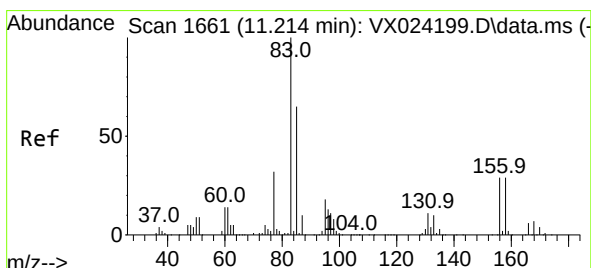
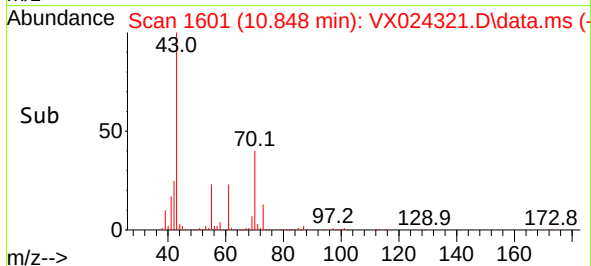
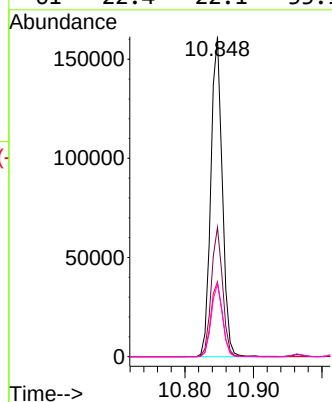
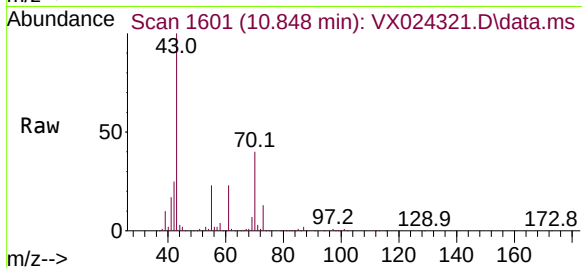
#74
N-amy1 acetate
Concen: 52.724 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion:	43	Resp:	187876
Ion	Ratio	Lower	Upper
43	100		
70	39.7	39.0	58.6
55	23.7	21.5	32.3
61	22.4	22.1	33.1

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

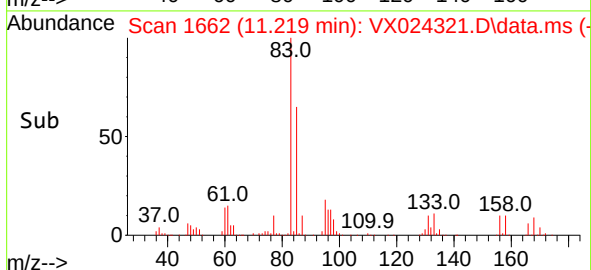
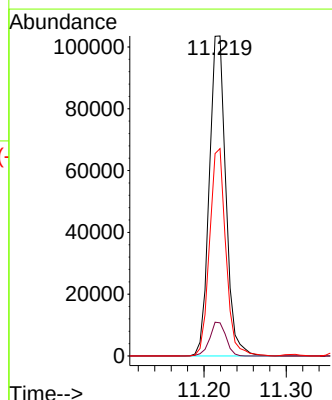
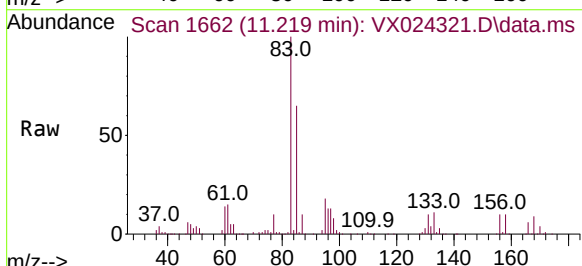
Manual Integrations
APPROVED

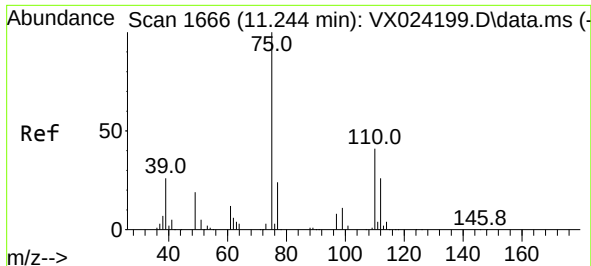
MMDadoda
9/22/2021 7:39:40 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 52.712 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.005 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion:	83	Resp:	144350
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.2
85	63.8	31.8	95.4





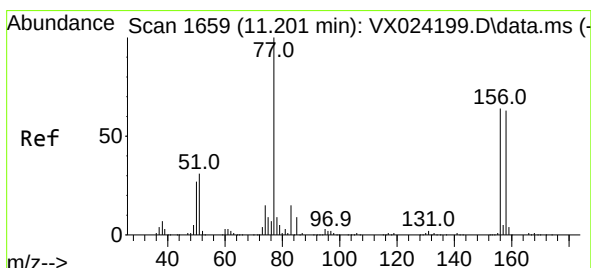
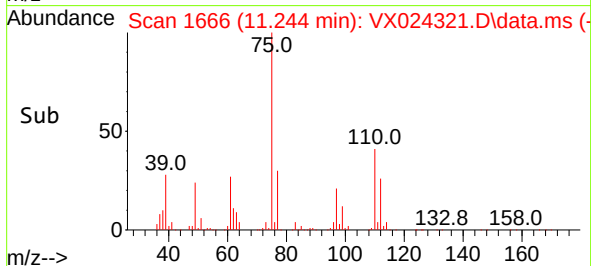
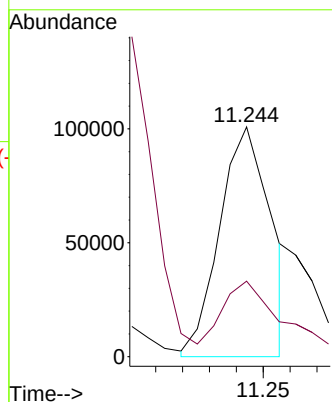
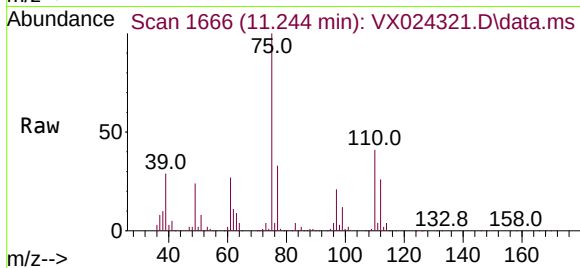
#76
1,2,3-Trichloropropane
Concen: 50.841 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 75 Resp: 132886
Ion Ratio Lower Upper
75 100
77 40.3 19.1 57.5

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

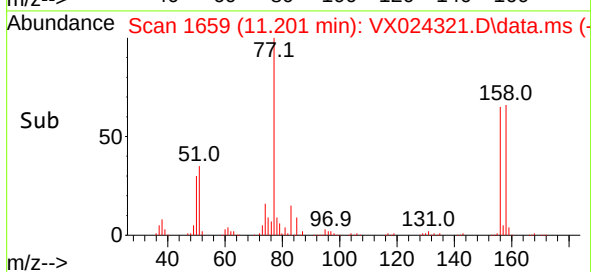
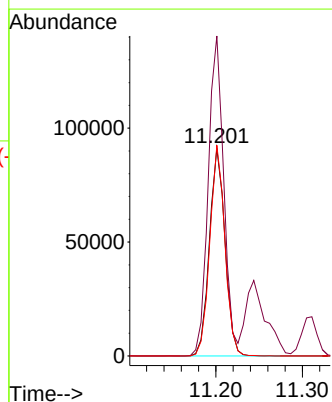
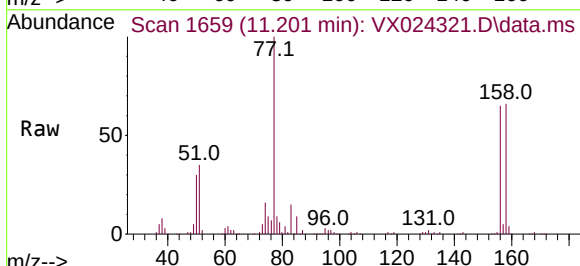
Manual Integrations
APPROVED

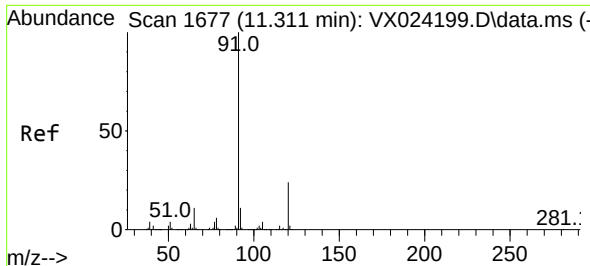
MMDadoda
9/22/2021 7:39:40 PM



#77
Bromobenzene
Concen: 53.607 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

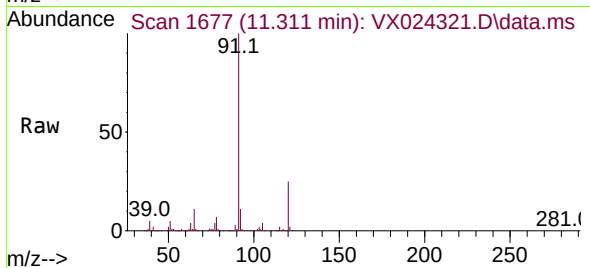
Tgt Ion:156 Resp: 114042
Ion Ratio Lower Upper
156 100
77 153.5 82.8 248.6
158 98.0 49.1 147.4





#78
n-propylbenzene
Concen: 54.031 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

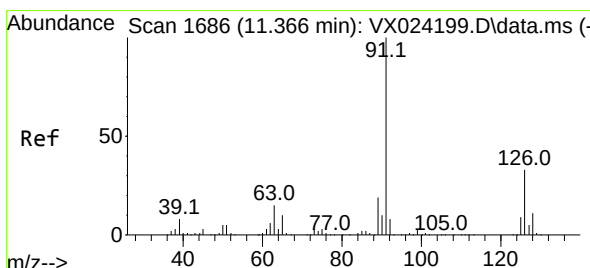
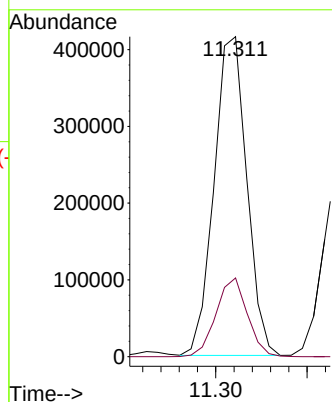
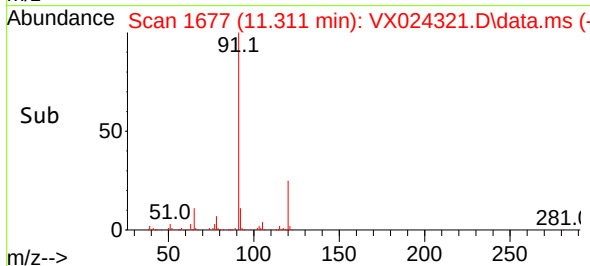
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



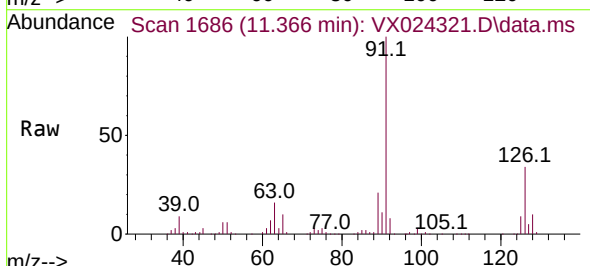
Tgt Ion: 91 Resp: 516674
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.5

Manual Integrations
APPROVED

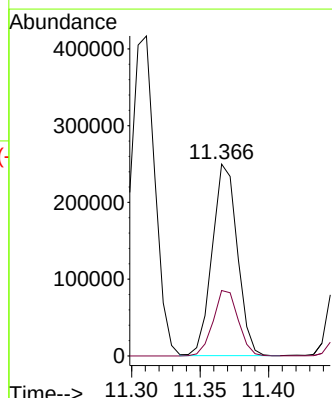
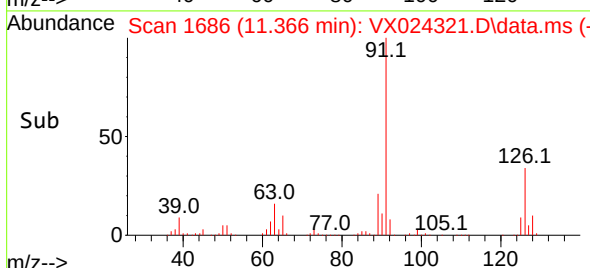
MMDadoda
9/22/2021 7:39:40 PM

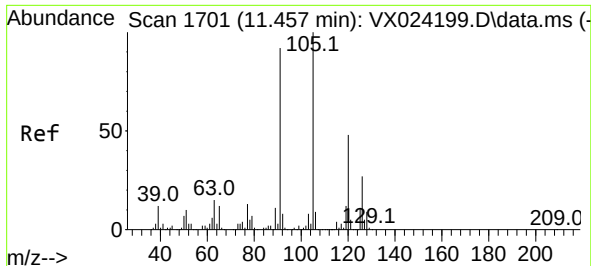


#79
2-Chlorotoluene
Concen: 53.522 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



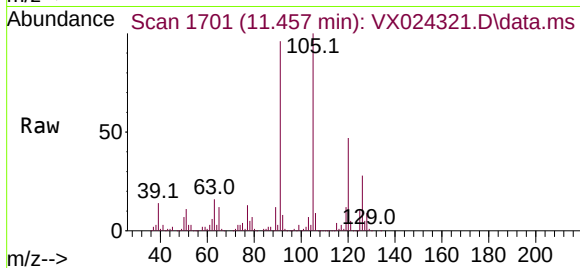
Tgt Ion: 91 Resp: 317908
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.8





#80
1,3,5-Trimethylbenzene
Concen: 54.031 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

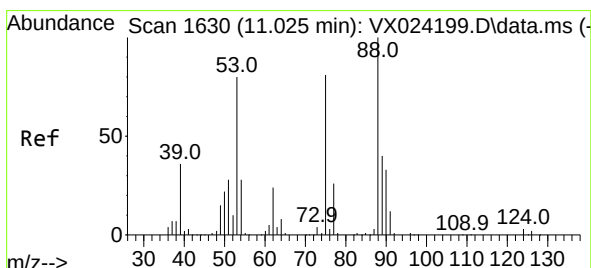
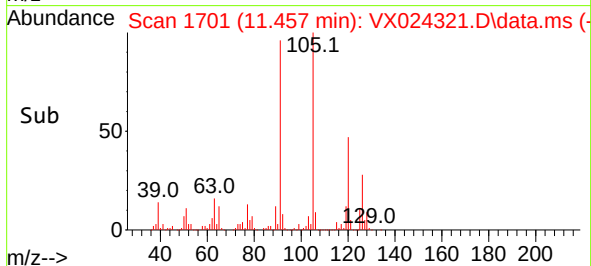
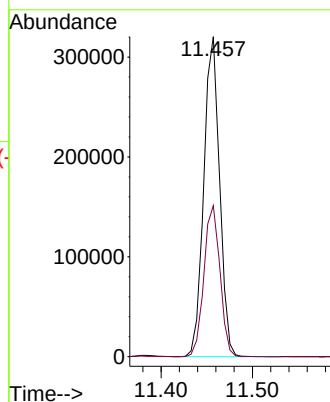
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



Tgt Ion:105 Resp: 385520
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5

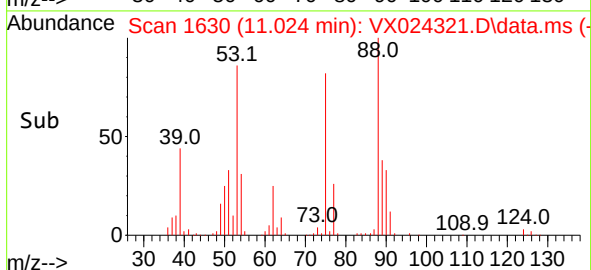
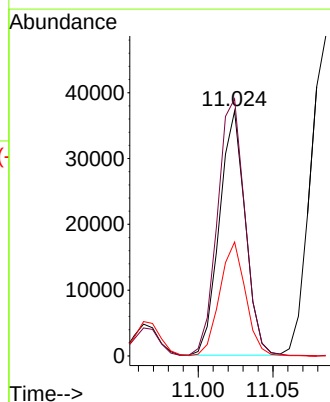
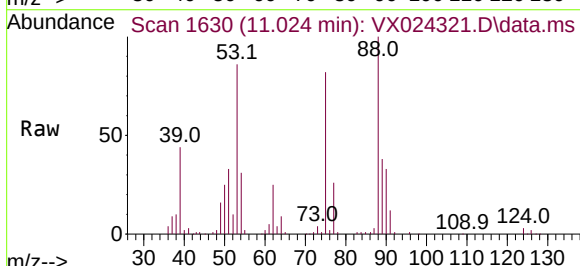
Manual Integrations
APPROVED

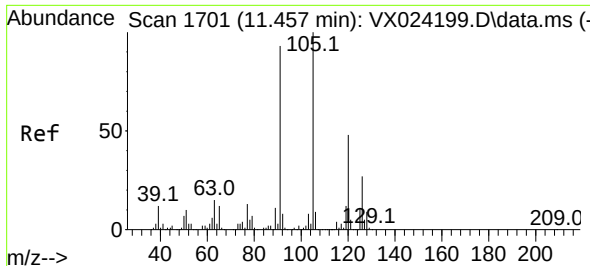
MMDadoda
9/22/2021 7:39:40 PM



#81
trans-1,4-Dichloro-2-butene
Concen: 50.249 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

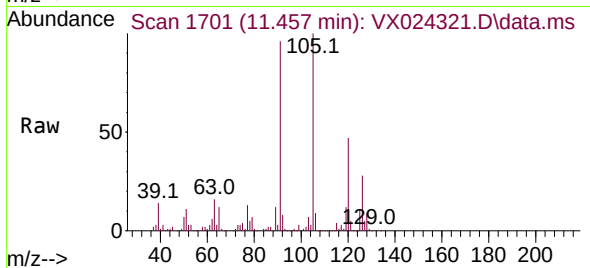
Tgt Ion: 75 Resp: 44657
Ion Ratio Lower Upper
75 100
53 112.1 74.5 111.7#
89 46.7 37.9 56.9





#82
4-Chlorotoluene
Concen: 54.164 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

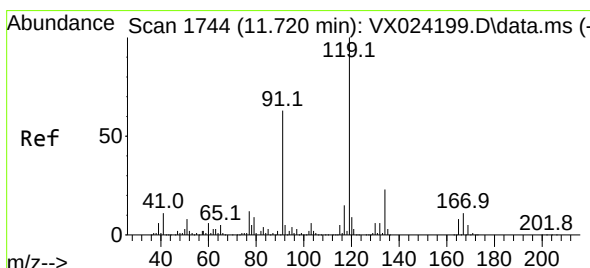
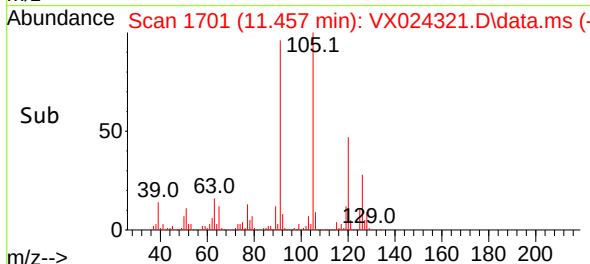
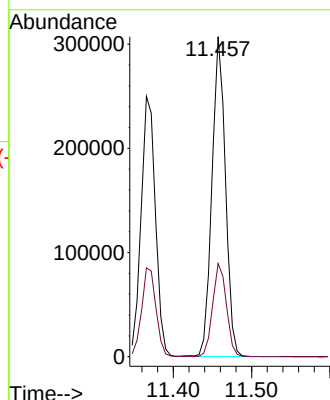
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



Tgt Ion: 91 Resp: 366049
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5

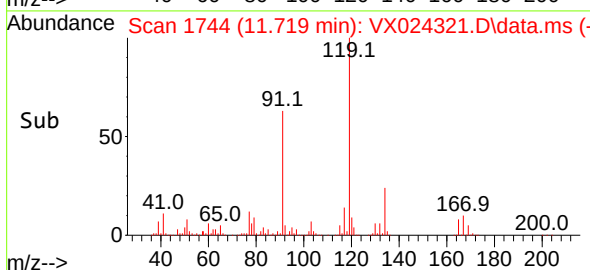
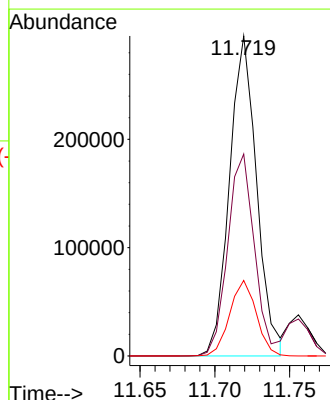
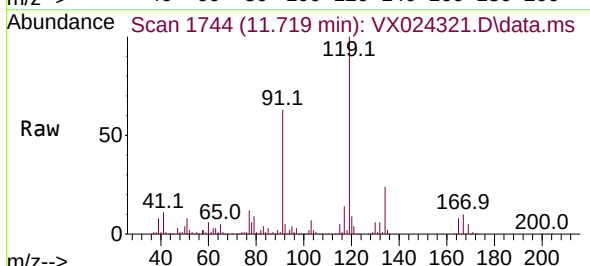
Manual Integrations
APPROVED

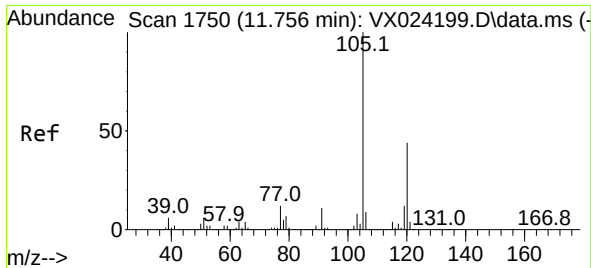
MMDadoda
9/22/2021 7:39:40 PM



#83
tert-Butylbenzene
Concen: 54.283 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

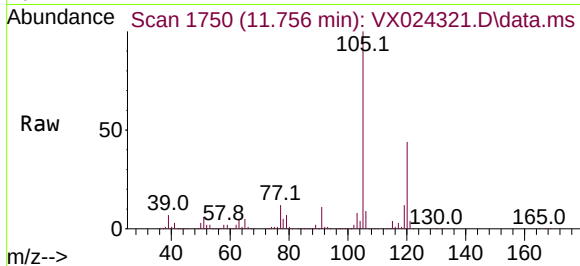
Tgt Ion: 119 Resp: 373826
Ion Ratio Lower Upper
119 100
91 61.4 27.9 83.7
134 23.1 11.3 33.9





#84
1,2,4-Trimethylbenzene
Concen: 54.524 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

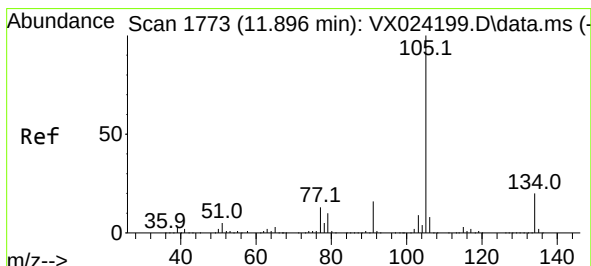
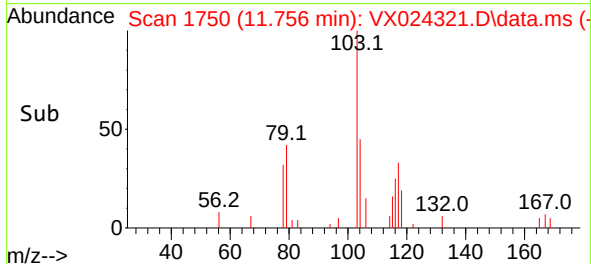
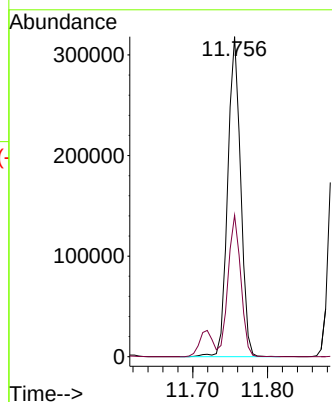
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



Tgt Ion:105 Resp: 382691
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.3

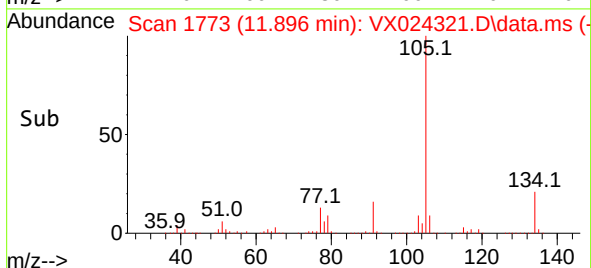
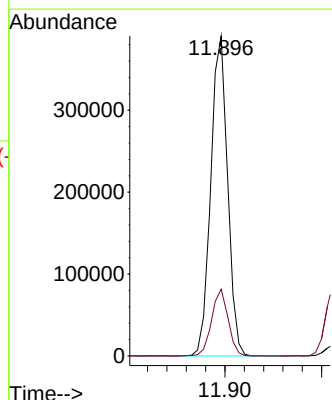
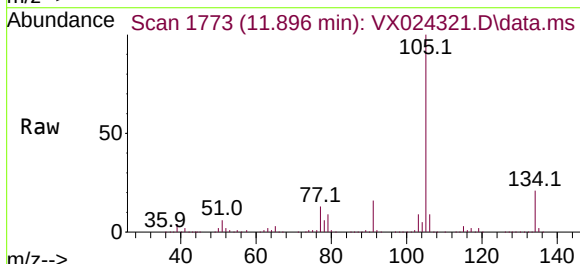
Manual Integrations
APPROVED

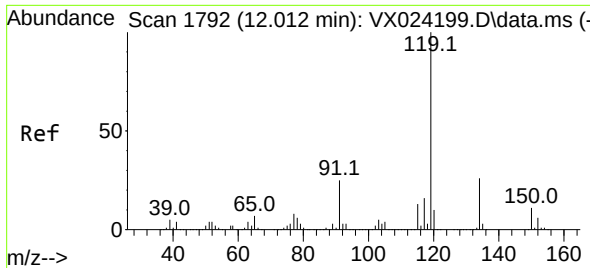
MMDadoda
9/22/2021 7:39:40 PM



#85
sec-Butylbenzene
Concen: 54.765 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion:105 Resp: 472529
Ion Ratio Lower Upper
105 100
134 20.4 10.0 29.8





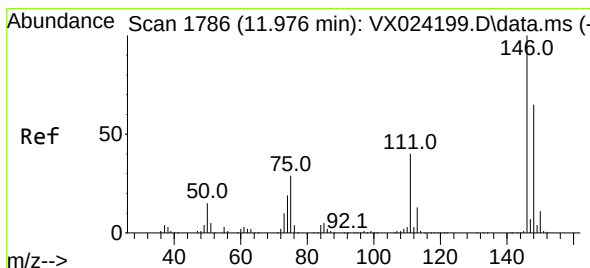
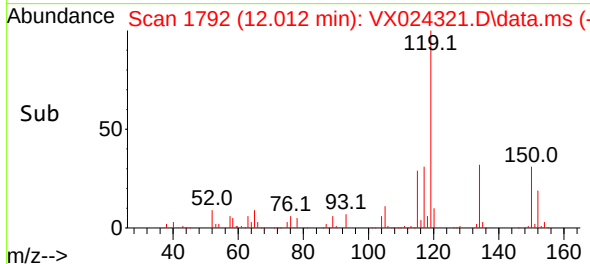
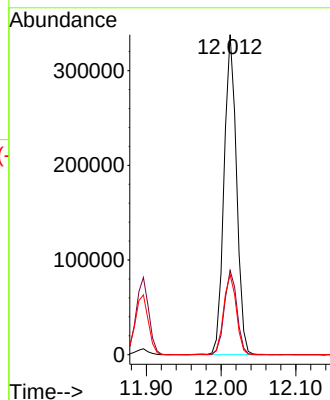
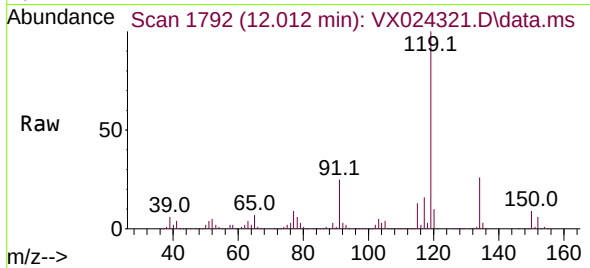
#86
p-Isopropyltoluene
Concen: 54.360 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	25.5	11.7	35.0

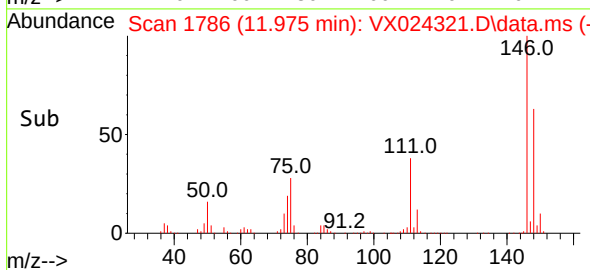
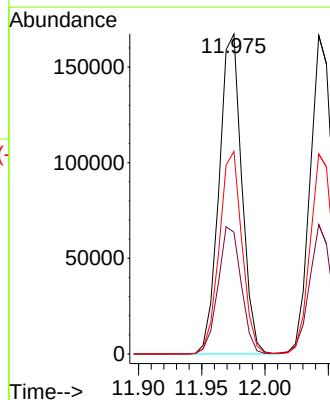
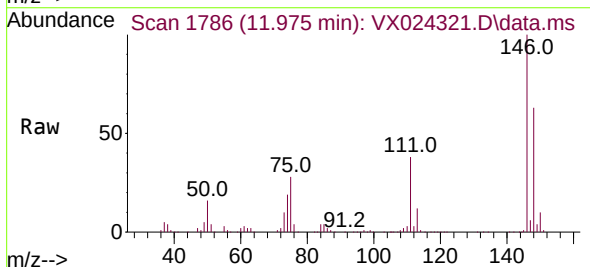
Manual Integrations
APPROVED

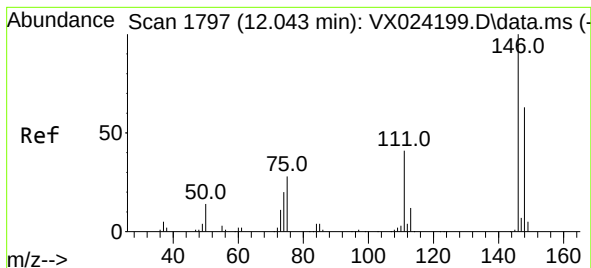
MMDadoda
9/22/2021 7:39:40 PM



#87
1,3-Dichlorobenzene
Concen: 54.691 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	63.4	31.9	95.7





#88

1,4-Dichlorobenzene

Concen: 52.865 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX024321.D

Acq: 17 Sep 2021 19:53

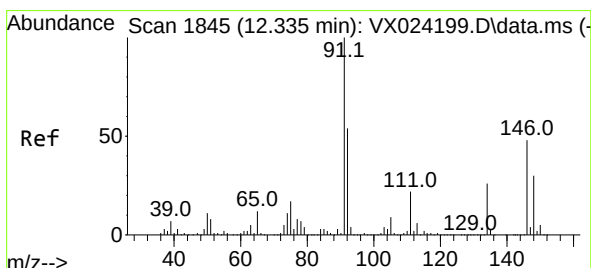
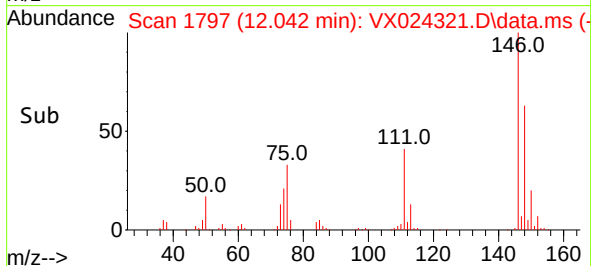
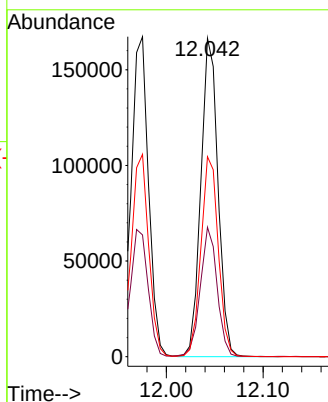
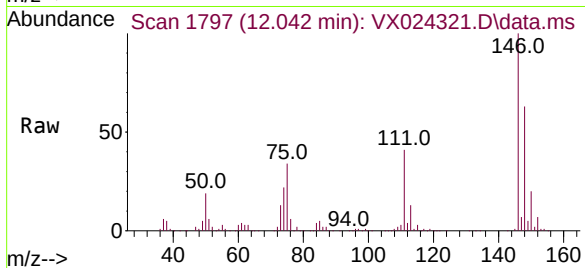
Tgt Ion:146 Resp: 205622

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

148 63.6 31.6 95.0



#89

n-Butylbenzene

Concen: 53.692 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX024321.D

Acq: 17 Sep 2021 19:53

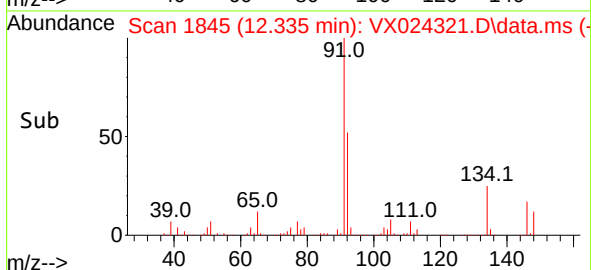
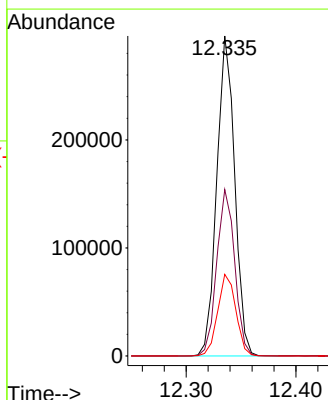
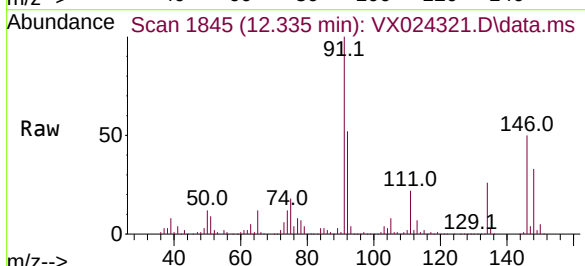
Tgt Ion: 91 Resp: 336475

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

134 25.9 13.2 39.5



Instrument :

MSVOA_X

ClientSampleId :

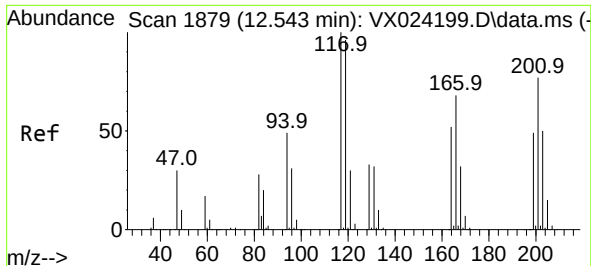
RE139D1-20210915MS

Manual Integrations

APPROVED

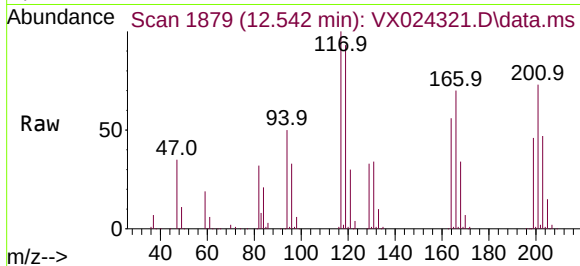
MMDadoda

9/22/2021 7:39:40 PM



#90
Hexachloroethane
Concen: 56.047 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

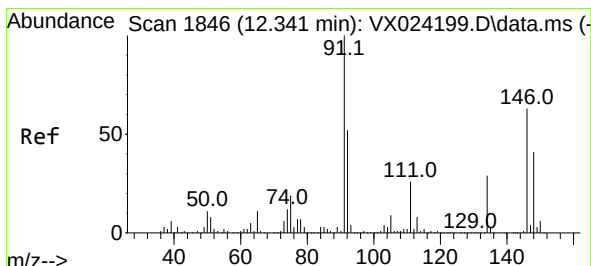
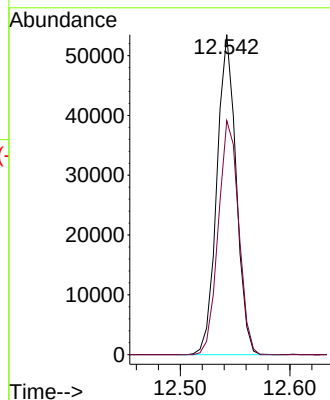
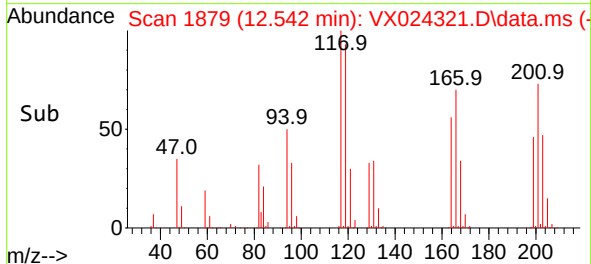
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS



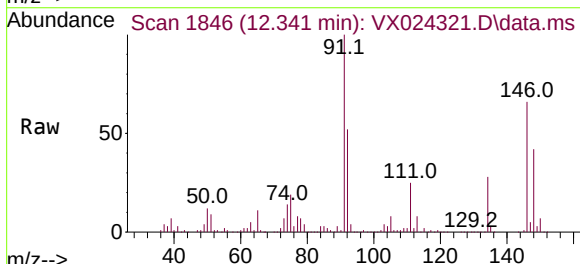
Tgt Ion:117 Resp: 65401
Ion Ratio Lower Upper
117 100
201 77.1 40.4 121.2

Manual Integrations
APPROVED

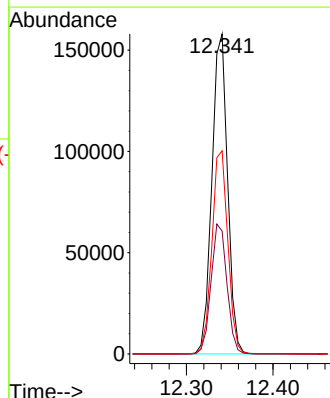
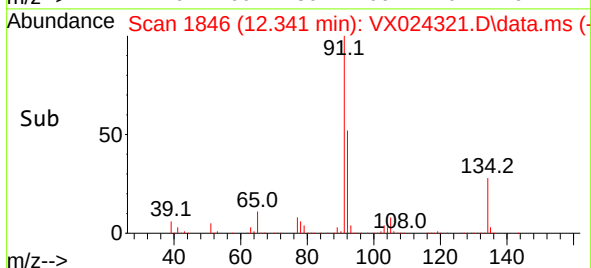
MMDadoda
9/22/2021 7:39:40 PM

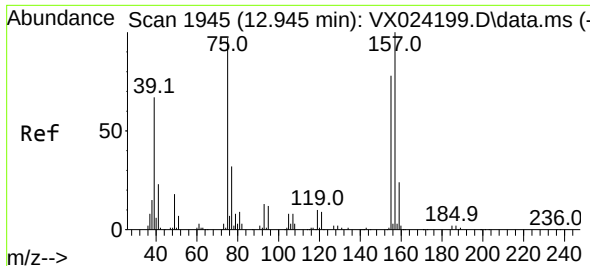


#91
1,2-Dichlorobenzene
Concen: 53.198 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



Tgt Ion:146 Resp: 198876
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.2
148 64.6 31.9 95.5





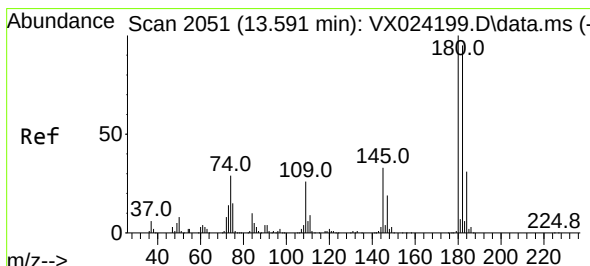
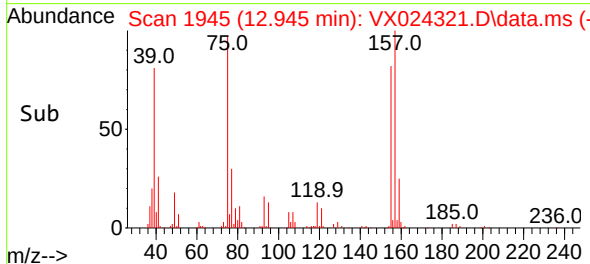
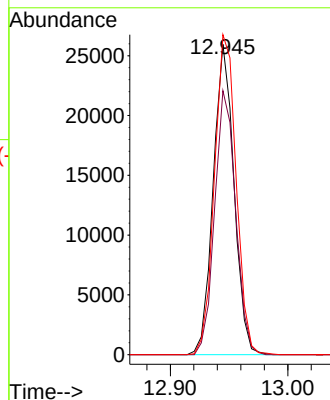
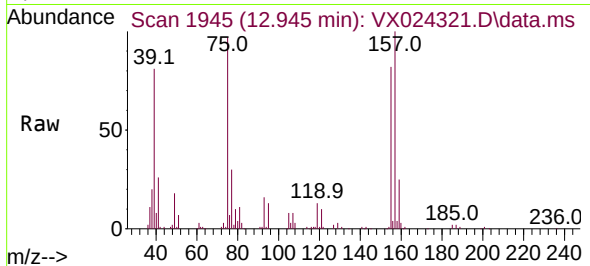
#92
1,2-Dibromo-3-Chloropropane
Concen: 50.686 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 75 Resp: 31844
Ion Ratio Lower Upper
75 100
155 86.0 45.3 135.9
157 107.8 57.7 173.1

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

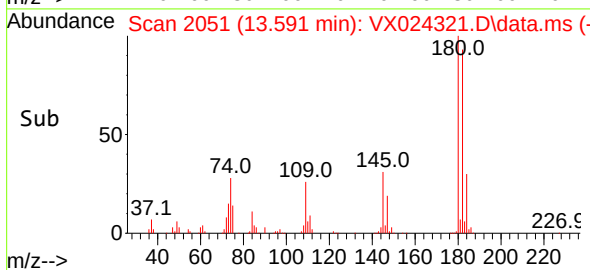
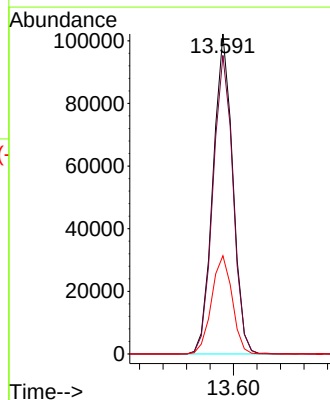
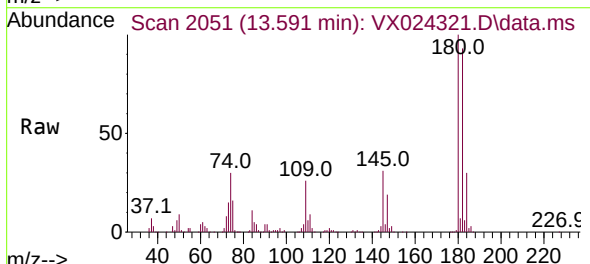
Manual Integrations
APPROVED

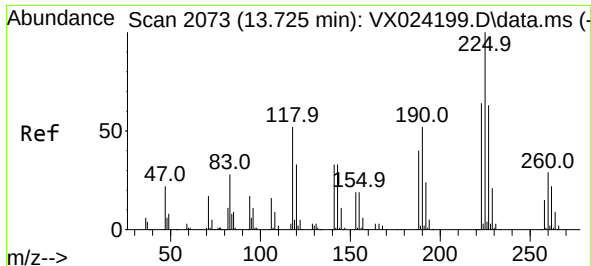
MMDadoda
9/22/2021 7:39:40 PM



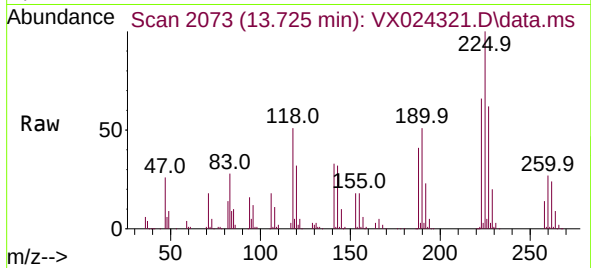
#93
1,2,4-Trichlorobenzene
Concen: 53.956 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53

Tgt Ion: 180 Resp: 118866
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 32.0 15.0 45.0

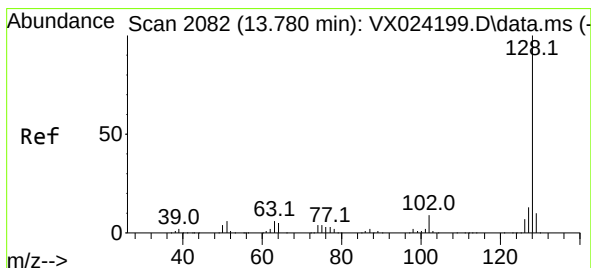
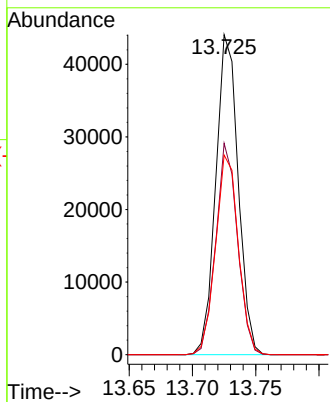
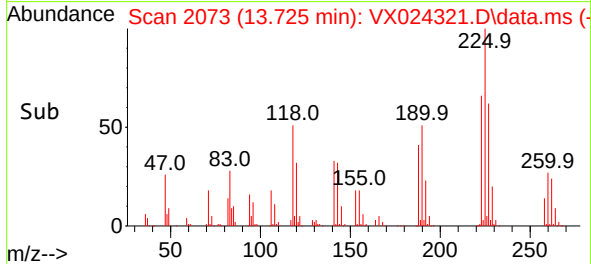




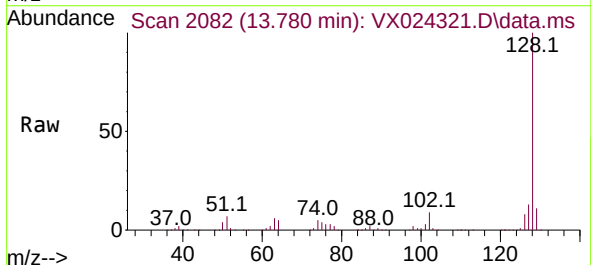
#94
Hexachlorobutadiene
Concen: 49.174 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



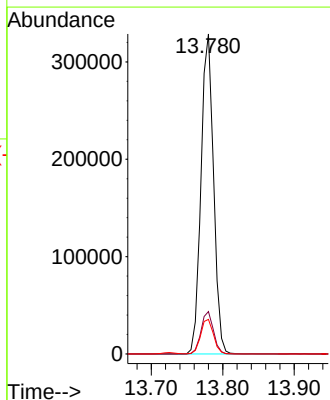
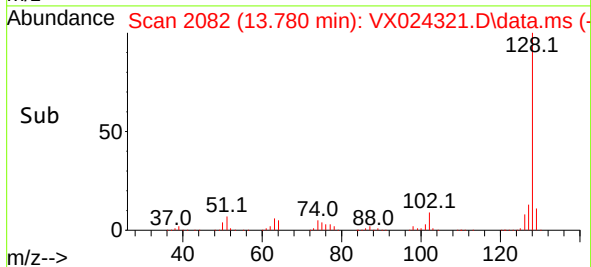
Tgt Ion:225 Resp: 54097
Ion Ratio Lower Upper
225 100
223 64.2 31.1 93.2
227 63.7 31.6 95.0



#95
Naphthalene
Concen: 49.325 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024321.D
Acq: 17 Sep 2021 19:53



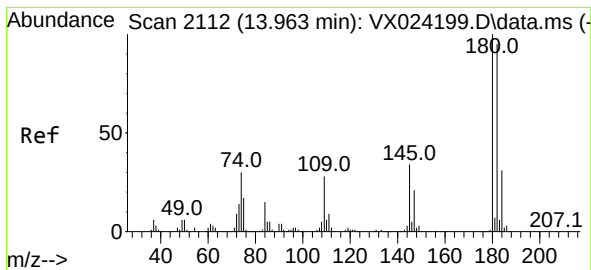
Tgt Ion:128 Resp: 400555
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.8 13.2



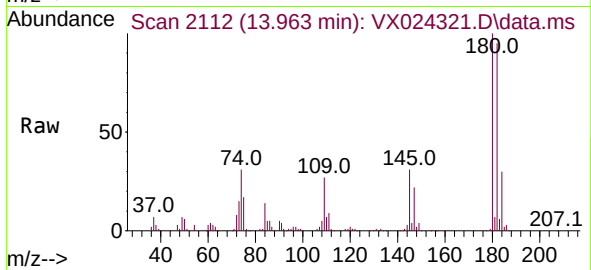
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915MS

Manual Integrations
APPROVED

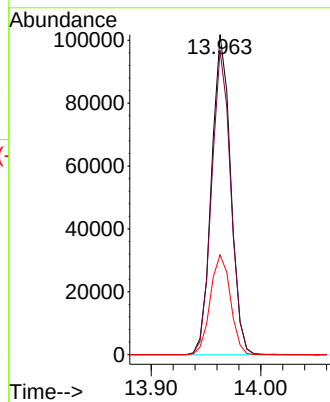
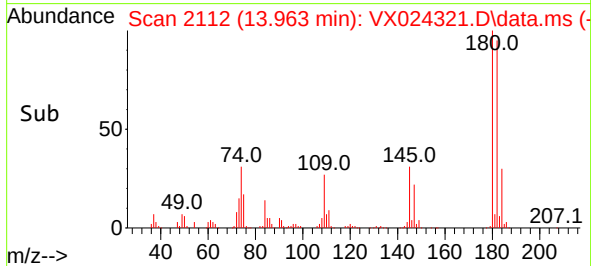
MMDadoda
9/22/2021 7:39:40 PM



#96
 1,2,3-Trichlorobenzene
 Concen: 55.363 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX024321.D
 Acq: 17 Sep 2021 19:53



Tgt Ion:180 Resp: 122938
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.6 142.9
 145 32.9 16.1 48.3



Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915MS

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:40 PM