

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023804.D
 Acq On : 18 Aug 2021 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

8/19/2021 5:29:03 PM

Quant Time: Aug 18 13:38:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	198771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133705	48.196	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.400%		
35) Dibromofluoromethane	5.391	113	102581	50.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.420%		
50) Toluene-d8	8.653	98	391626	50.368	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.740%		
62) 4-Bromofluorobenzene	11.085	95	153902	53.768	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	105720	50.411	ug/l	99
3) Chloromethane	1.294	50	107255	46.588	ug/l	99
4) Vinyl Chloride	1.374	62	107271	47.775	ug/l	99
5) Bromomethane	1.599	94	67261	47.646	ug/l	100
6) Chloroethane	1.678	64	69845	42.108	ug/l	99
7) Trichlorofluoromethane	1.880	101	176621	49.812	ug/l	97
8) Diethyl Ether	2.136	74	62069	50.127	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	100362	50.301	ug/l	97
10) Methyl Iodide	2.453	142	139885	50.352	ug/l	95
11) Tert butyl alcohol	2.983	59	140913	251.167	ug/l	98
12) 1,1-Dichloroethene	2.319	96	92382	48.428	ug/l	98
13) Acrolein	2.239	56	78956	236.493	ug/l	97
14) Allyl chloride	2.666	41	171504	48.785	ug/l	91
15) Acrylonitrile	3.075	53	310083	248.059	ug/l	98
16) Acetone	2.392	43	318430	256.710	ug/l	92
17) Carbon Disulfide	2.514	76	223175	49.053	ug/l	100
18) Methyl Acetate	2.709	43	149788	48.372	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	342199	51.542	ug/l	99
20) Methylene Chloride	2.794	84	108842	45.937	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	99591	48.877	ug/l	96
22) Diisopropyl ether	3.770	45	347530	49.634	ug/l	97
23) Vinyl Acetate	3.733	43	1459333	257.646	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	189289	48.576	ug/l	98
25) 2-Butanone	4.568	43	484068	257.647	ug/l	93
26) 2,2-Dichloropropane	4.483	77	161227	50.411	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	118885	49.034	ug/l	97
28) Bromochloromethane	4.910	49	86375	48.749	ug/l	94
29) Tetrahydrofuran	5.013	42	301076	247.400	ug/l	88
30) Chloroform	5.099	83	199098	48.254	ug/l	99
31) Cyclohexane	5.477	56	173654	48.722	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	172986	48.962	ug/l	97
36) 1,1-Dichloropropene	5.702	75	146145	51.129	ug/l	99
37) Ethyl Acetate	4.727	43	175419	49.926	ug/l #	94
38) Carbon Tetrachloride	5.684	117	153111	51.369	ug/l	99
39) Methylcyclohexane	7.385	83	185059	53.173	ug/l	97
40) Benzene	6.044	78	421772	49.902	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023804.D
 Acq On : 18 Aug 2021 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

8/19/2021 5:29:03 PM

Quant Time: Aug 18 13:38:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95548	50.164	ug/l	91
42) 1,2-Dichloroethane	6.092	62	171845	51.732	ug/l	95
43) Isopropyl Acetate	6.348	43	282403	51.385	ug/l	92
44) Trichloroethene	7.129	130	115636	49.527	ug/l	100
45) 1,2-Dichloropropane	7.434	63	112749	50.237	ug/l	97
46) Dibromomethane	7.586	93	79333	50.794	ug/l	98
47) Bromodichloromethane	7.824	83	144944	51.299	ug/l	97
48) Methyl methacrylate	7.696	41	140091	52.253	ug/l	85
49) 1,4-Dioxane	7.665	88	60862	1074.122	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	951263	267.765	ug/l	90
52) Toluene	8.720	92	276787	50.538	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	173440	47.629	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	181672	53.063	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	116386	51.617	ug/l	98
56) Ethyl methacrylate	9.122	69	191531	49.717	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	193194	51.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	501982	276.476	ug/l	96
59) 2-Hexanone	9.433	43	763464	279.575	ug/l	87
60) Dibromochloromethane	9.525	129	119635	48.107	ug/l	100
61) 1,2-Dibromoethane	9.610	107	125182	52.553	ug/l	99
64) Tetrachloroethene	9.275	164	118083	49.780	ug/l	93
65) Chlorobenzene	10.079	112	312222	50.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	112993	51.226	ug/l	99
67) Ethyl Benzene	10.195	91	554458	51.233	ug/l	100
68) m/p-Xylenes	10.305	106	432062	104.815	ug/l	99
69) o-Xylene	10.646	106	212100	52.359	ug/l	100
70) Styrene	10.659	104	356957	54.090	ug/l	98
71) Bromoform	10.805	173	86661	48.414	ug/l #	98
73) Isopropylbenzene	10.963	105	560036	48.394	ug/l	99
74) N-amyl acetate	10.848	43	262906	50.271	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	180686	47.642	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	171585m	48.481	ug/l	
77) Bromobenzene	11.201	156	139889	49.079	ug/l	97
78) n-propylbenzene	11.305	91	661997	50.015	ug/l	99
79) 2-Chlorotoluene	11.366	91	393226	49.153	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	477145	50.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	60954	50.661	ug/l	90
82) 4-Chlorotoluene	11.457	91	458555	50.498	ug/l	100
83) tert-Butylbenzene	11.719	119	459037	49.699	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	478646	50.478	ug/l	99
85) sec-Butylbenzene	11.896	105	605586	51.787	ug/l	100
86) p-Isopropyltoluene	12.012	119	504414	52.411	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	259276	50.279	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	255389	49.656	ug/l	99
89) n-Butylbenzene	12.335	91	454047	52.838	ug/l	97
90) Hexachloroethane	12.542	117	78532	46.905	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	244880	49.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39139	44.273	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	152598	50.752	ug/l	99
94) Hexachlorobutadiene	13.725	225	67709	50.524	ug/l	99
95) Naphthalene	13.780	128	520561	46.988	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153584	51.289	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
Data File : VX023804.D
Acq On : 18 Aug 2021 09:59
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM

Quant Time: Aug 18 13:38:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023804.D
 Acq On : 18 Aug 2021 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

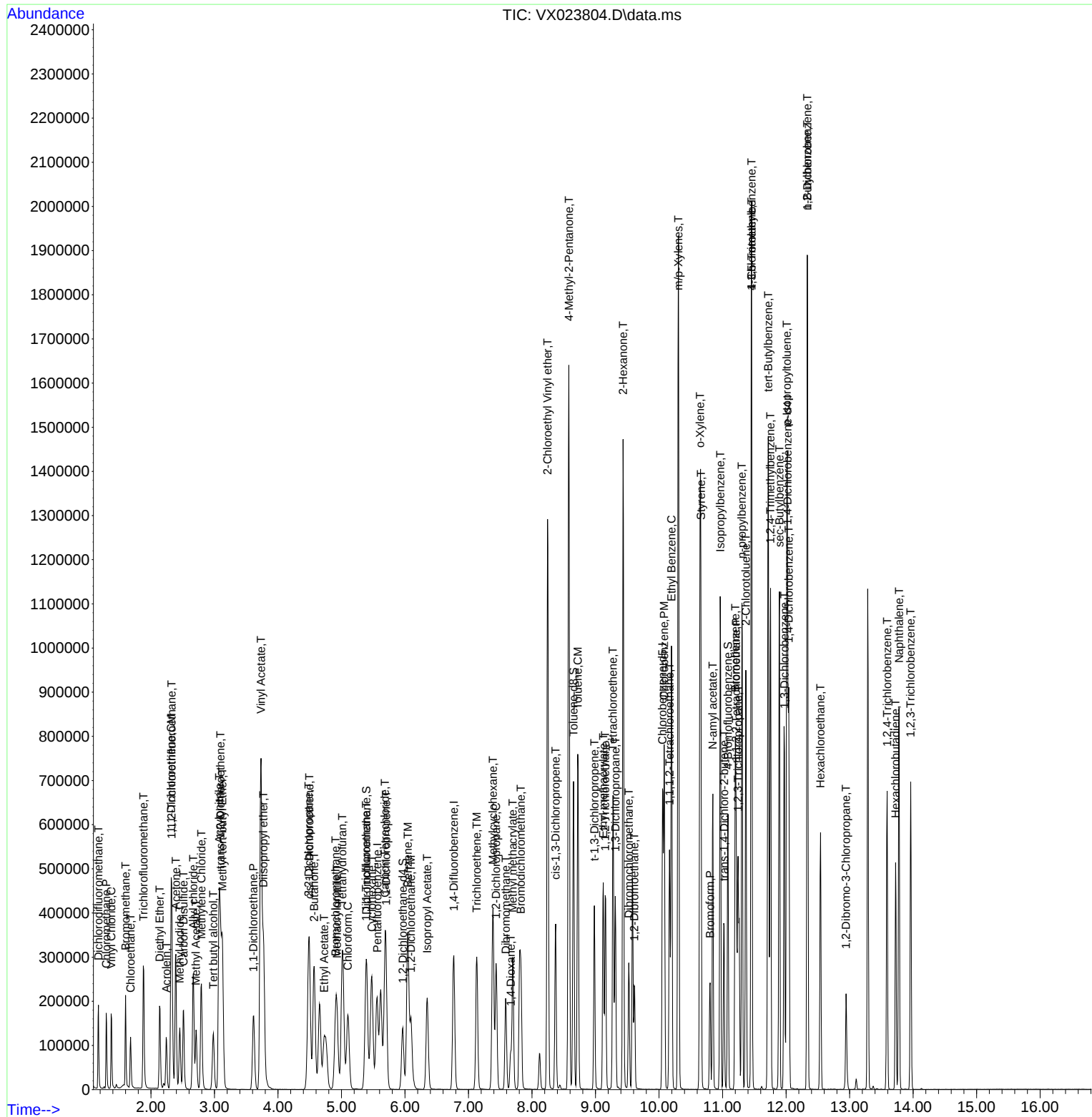
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

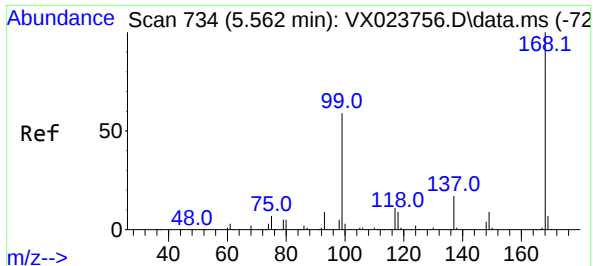
Manual Integrations
 APPROVED

MMDadoda

8/19/2021 5:29:03 PM

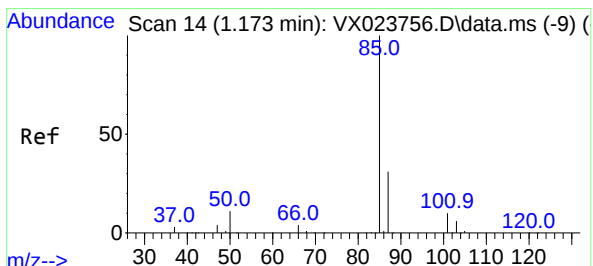
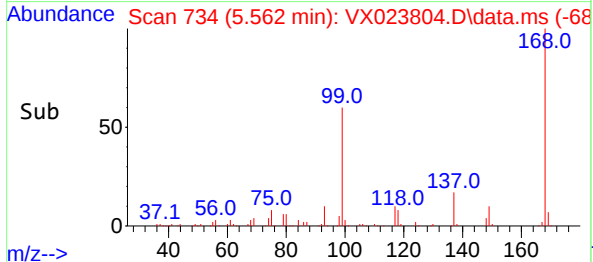
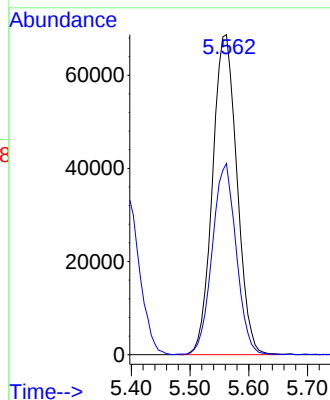
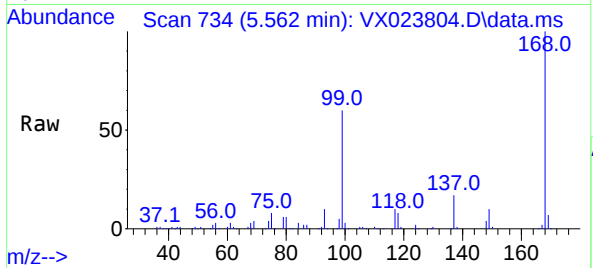
Quant Time: Aug 18 13:38:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration





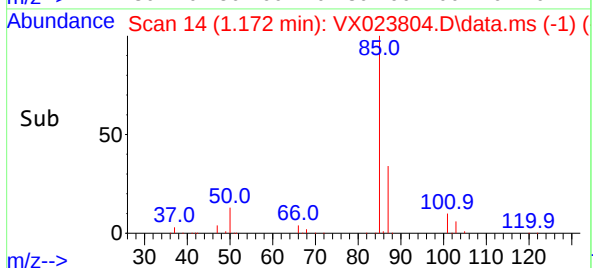
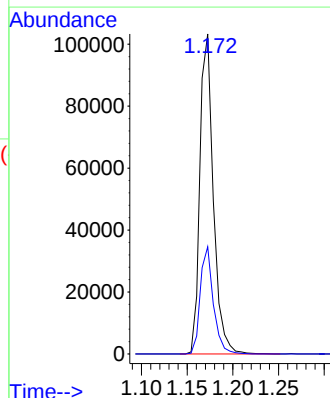
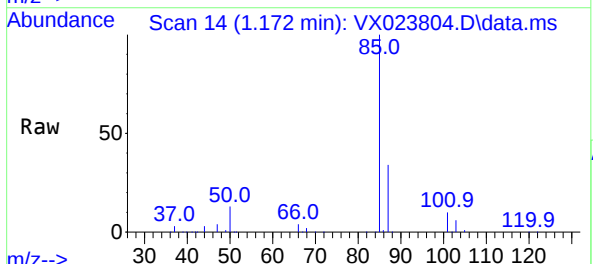
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 168 Resp: 198771
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 50.411 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.001 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 85 Resp: 105720
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.2

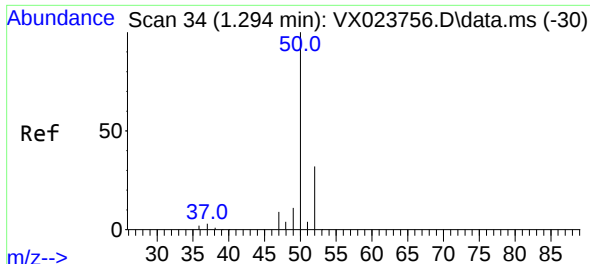


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

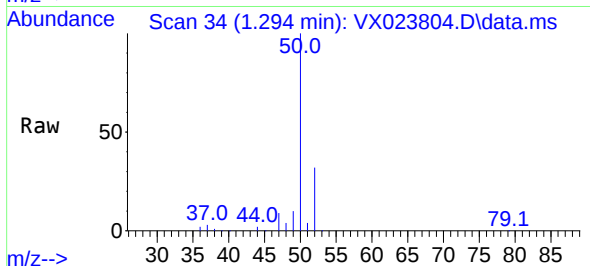
Manual Integrations
APPROVED

MMDadoda

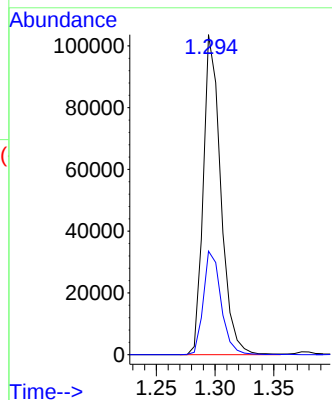
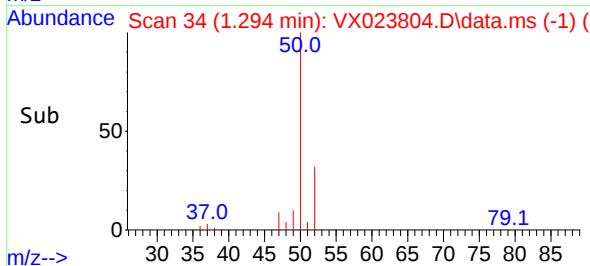
8/19/2021 5:29:03 PM



#3
Chloromethane
Concen: 46.588 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



Tgt Ion: 50 Resp: 107255
Ion Ratio Lower Upper
50 100
52 32.3 26.4 39.6

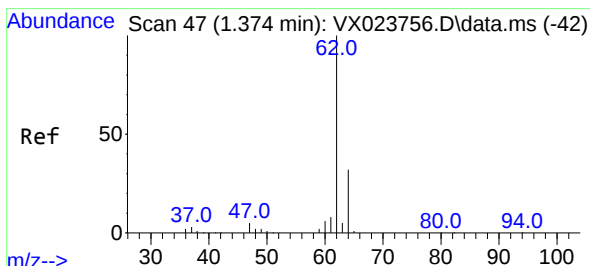


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

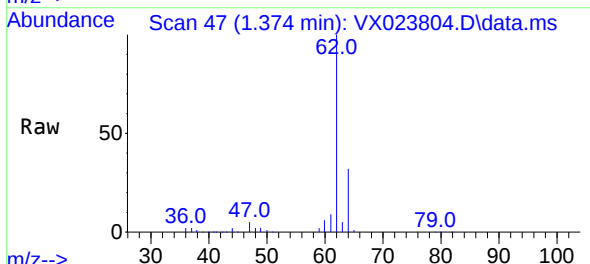
Manual Integrations
APPROVED

MMDadoda

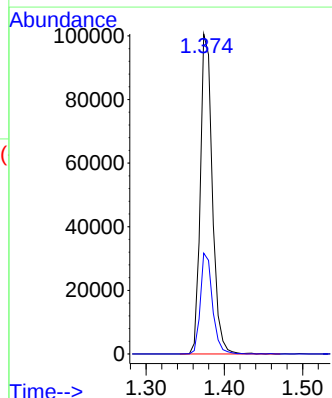
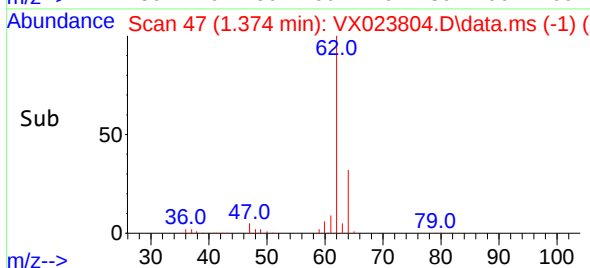
8/19/2021 5:29:03 PM

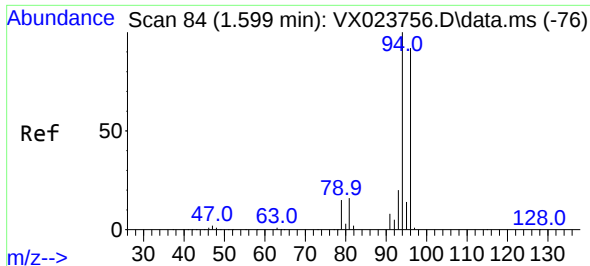


#4
Vinyl Chloride
Concen: 47.775 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



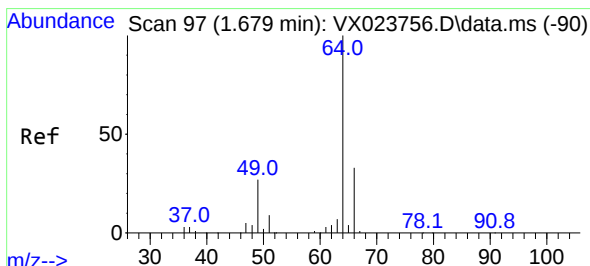
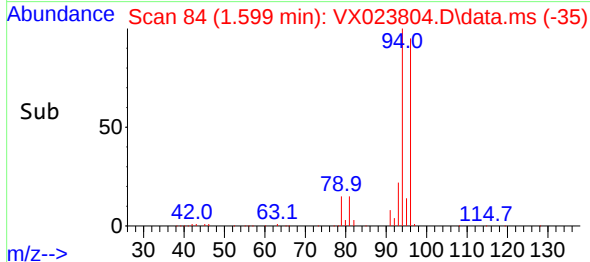
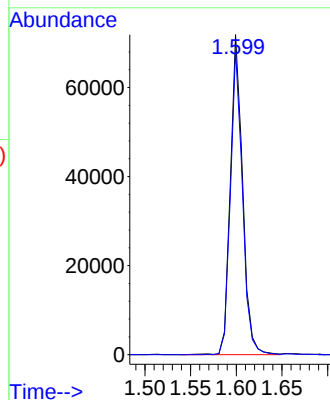
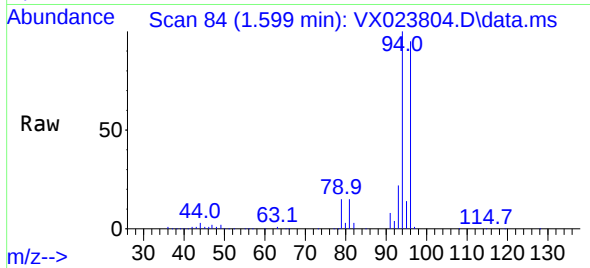
Tgt Ion: 62 Resp: 107271
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5





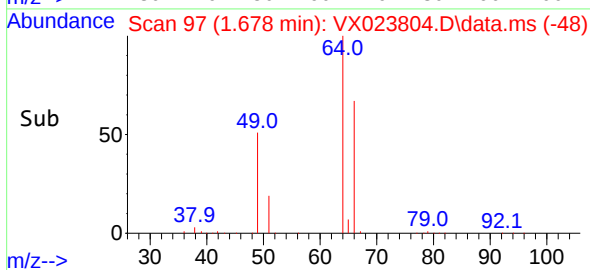
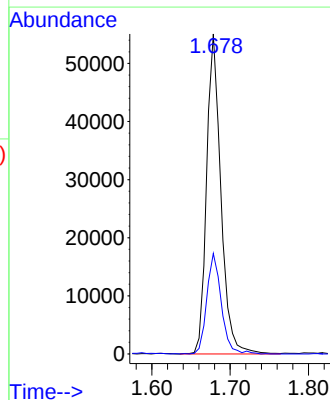
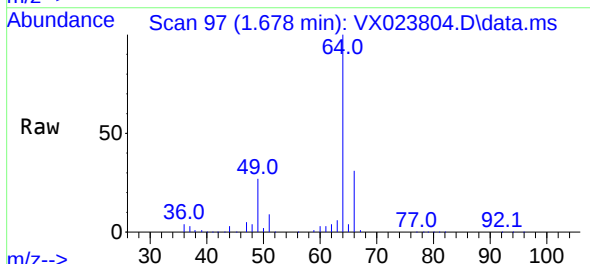
#5
Bromomethane
Concen: 47.646 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 94 Resp: 67261
Ion Ratio Lower Upper
94 100
96 95.3 76.4 114.6



#6
Chloroethane
Concen: 42.108 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 64 Resp: 69845
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.0

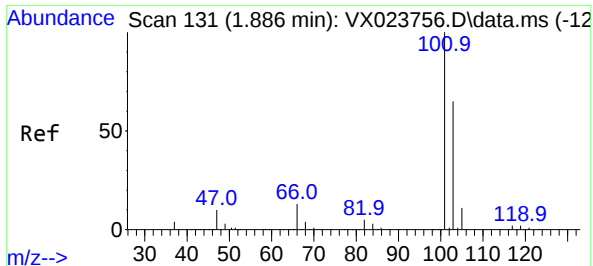


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#7
Trichlorofluoromethane
Concen: 49.812 ug/l
RT: 1.880 min Scan# 130
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

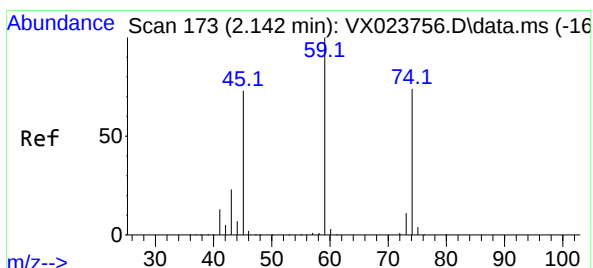
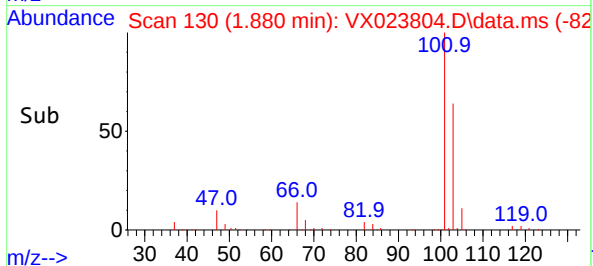
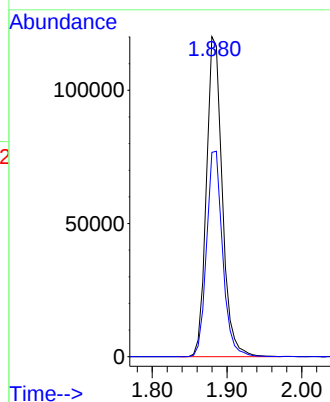
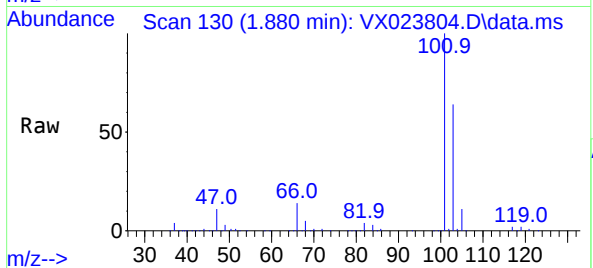
Tgt Ion:101 Resp: 176621
Ion Ratio Lower Upper
101 100
103 63.9 53.2 79.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

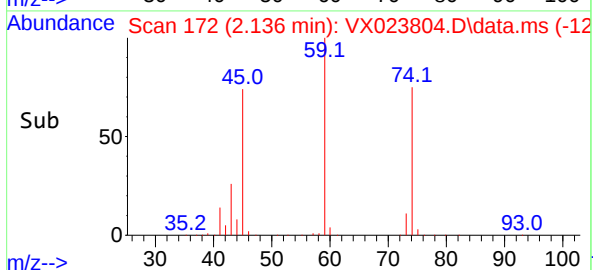
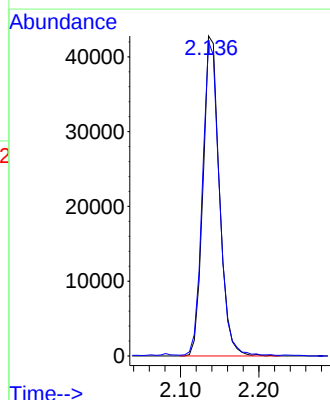
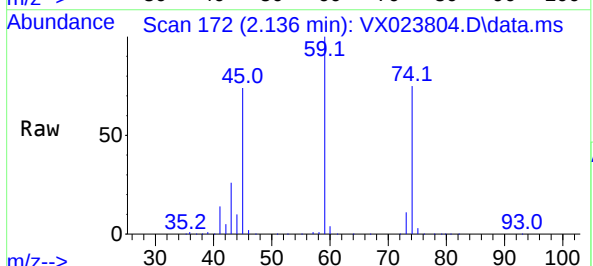
MMDadoda

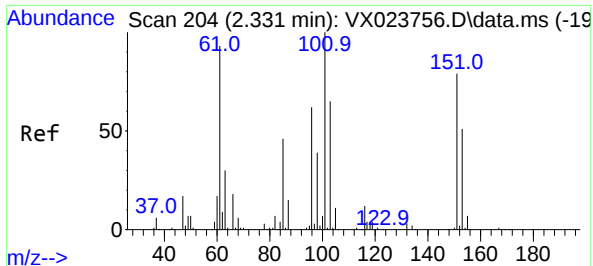
8/19/2021 5:29:03 PM



#8
Diethyl Ether
Concen: 50.127 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 74 Resp: 62069
Ion Ratio Lower Upper
74 100
45 100.7 44.5 133.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.301 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

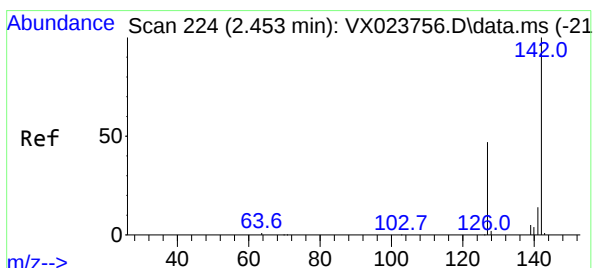
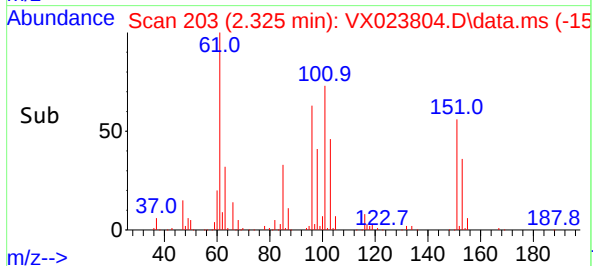
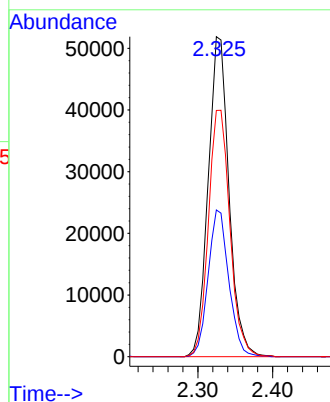
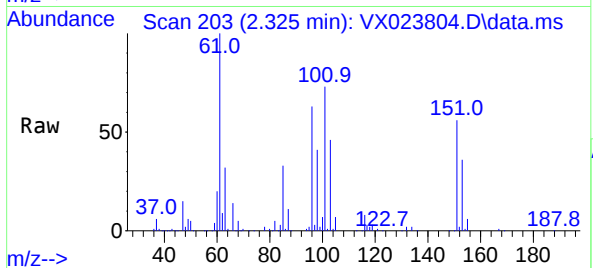
Tgt Ion:101 Resp: 100362
Ion Ratio Lower Upper
101 100
85 45.7 34.9 52.3
151 79.6 61.4 92.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

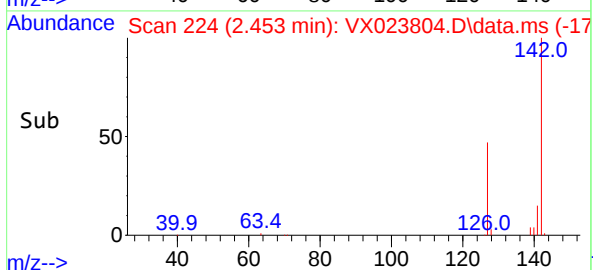
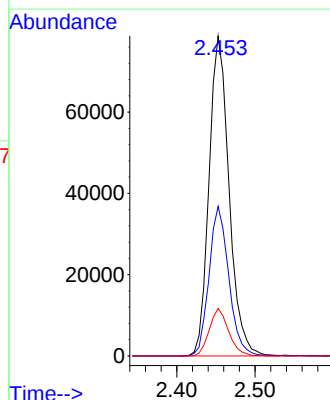
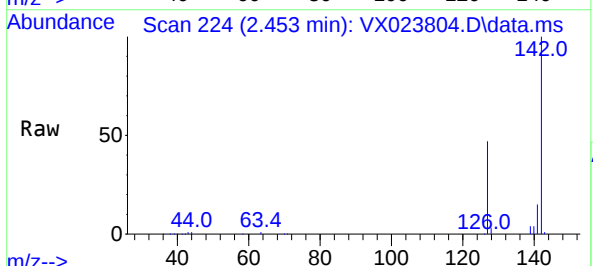
MMDadoda

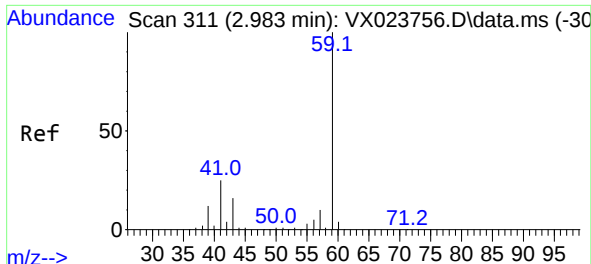
8/19/2021 5:29:03 PM



#10
Methyl Iodide
Concen: 50.352 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion:142 Resp: 139885
Ion Ratio Lower Upper
142 100
127 46.1 33.3 49.9
141 14.3 11.4 17.0





#11

Tert butyl alcohol
Concen: 251.167 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

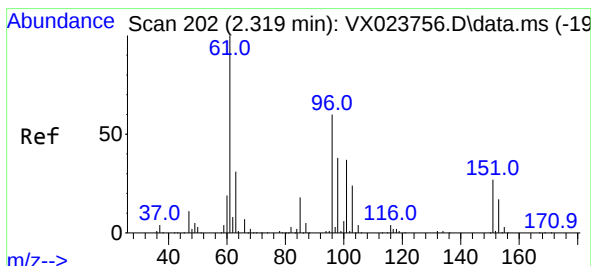
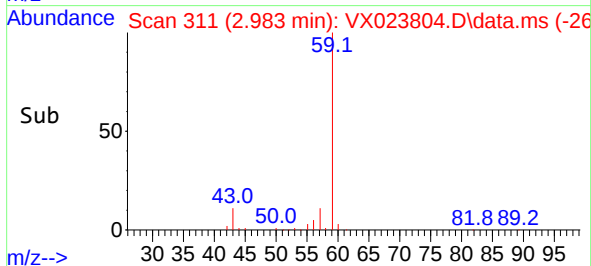
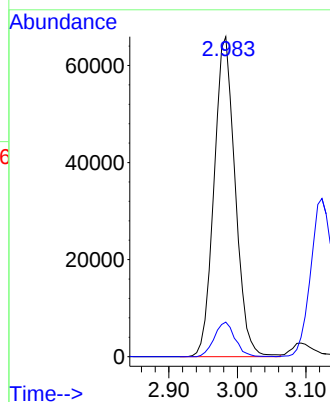
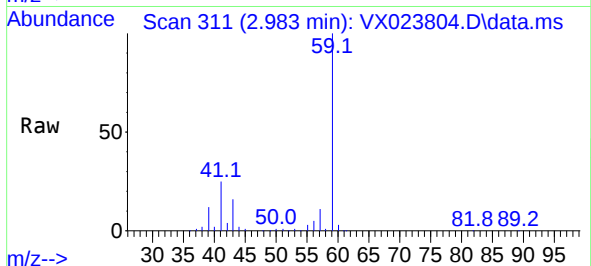
Tgt Ion: 59 Resp: 140913
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

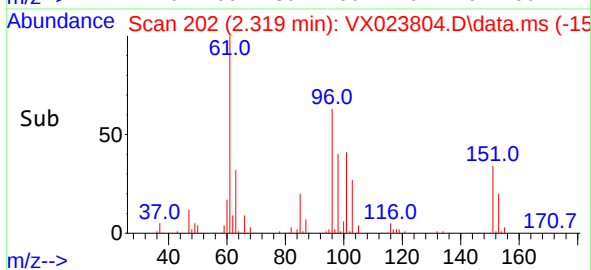
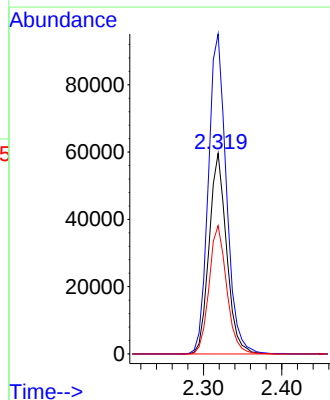
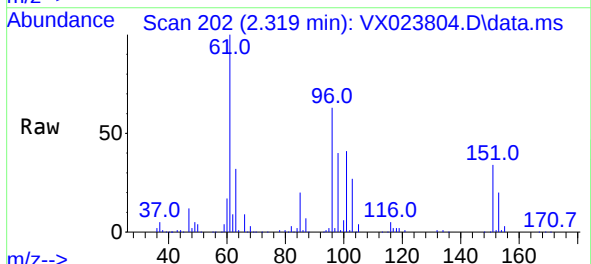
8/19/2021 5:29:03 PM

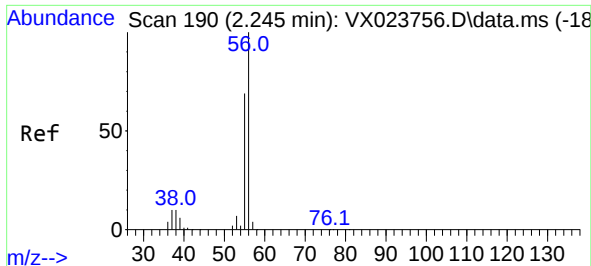


#12

1,1-Dichloroethene
Concen: 48.428 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 96 Resp: 92382
Ion Ratio Lower Upper
96 100
61 159.5 124.6 187.0
98 64.0 50.6 76.0





#13
Acrolein
Concen: 236.493 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

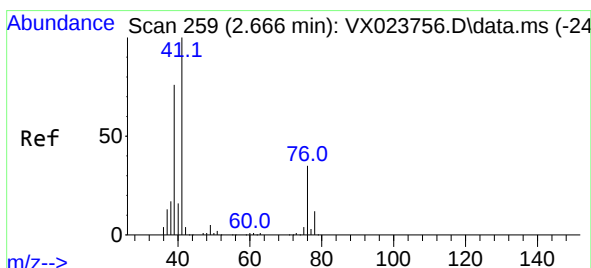
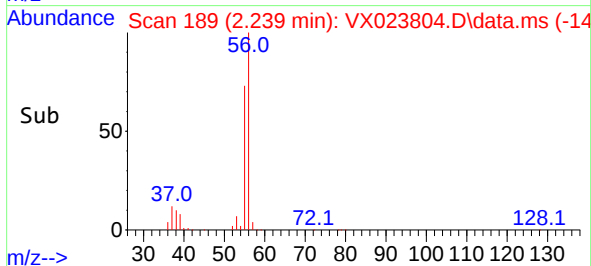
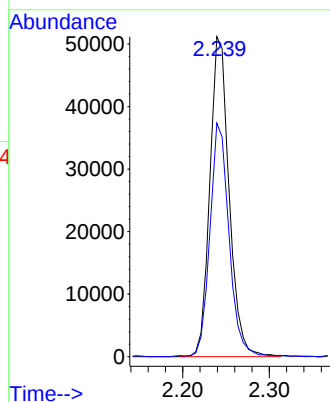
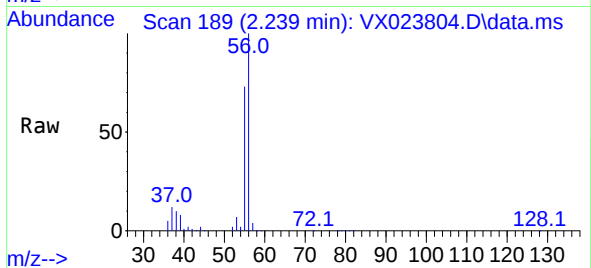
Tgt Ion: 56 Resp: 78956
Ion Ratio Lower Upper
56 100
55 72.9 56.4 84.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

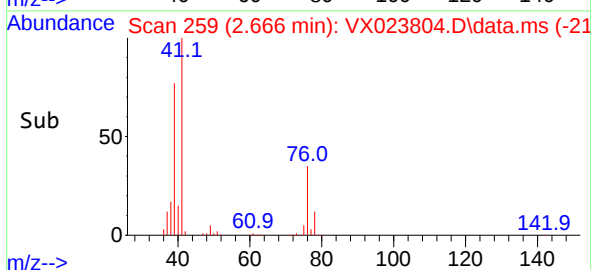
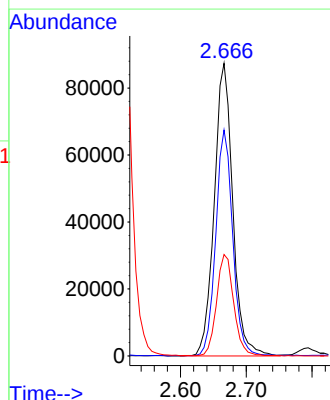
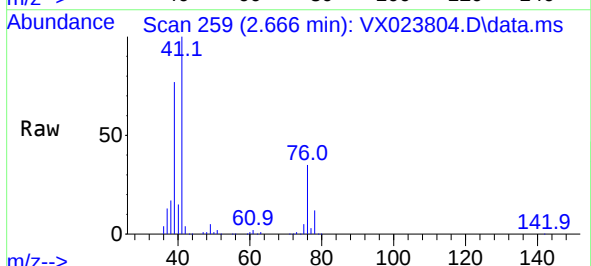
MMDadoda

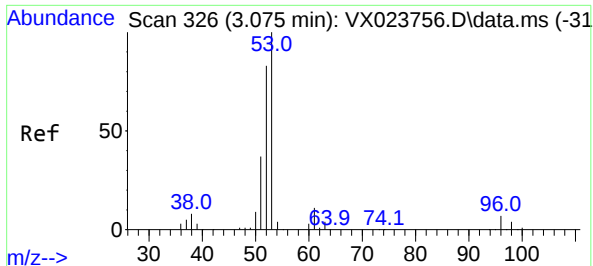
8/19/2021 5:29:03 PM



#14
Allyl chloride
Concen: 48.785 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 41 Resp: 171504
Ion Ratio Lower Upper
41 100
39 70.7 51.6 77.4
76 32.2 30.5 45.7





#15
Acrylonitrile
Concen: 248.059 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

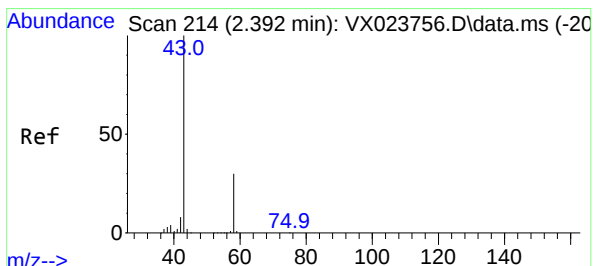
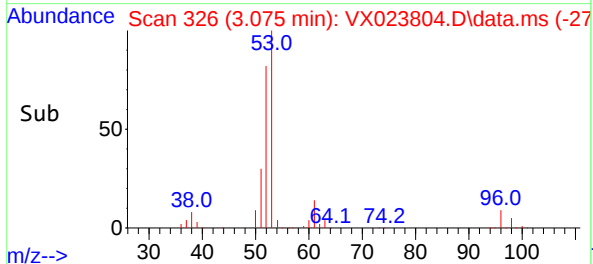
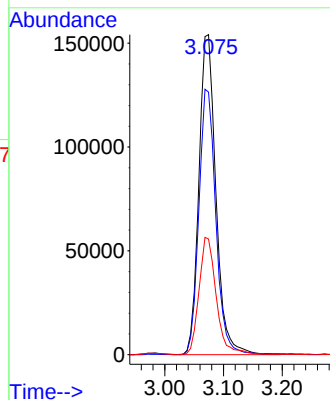
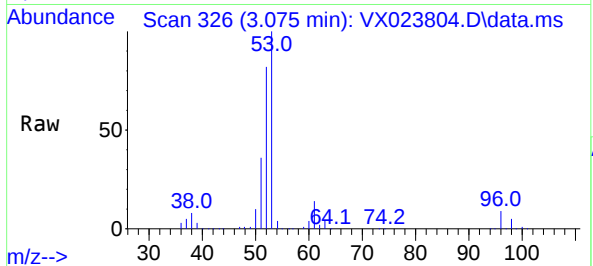
Tgt Ion:	53	Resp:	310083
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.3	97.9
51	37.3	28.2	42.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

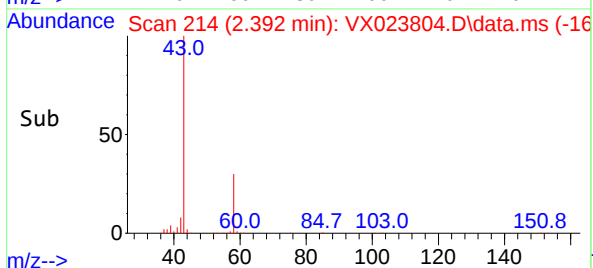
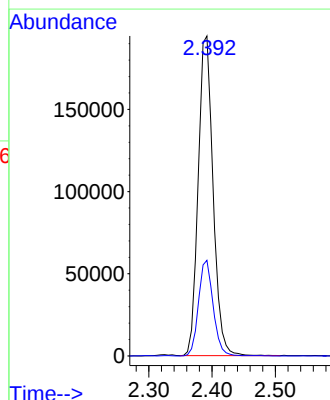
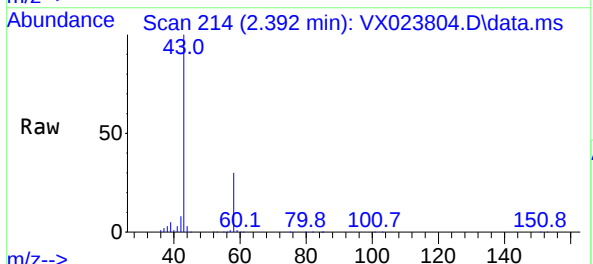
MMDadoda

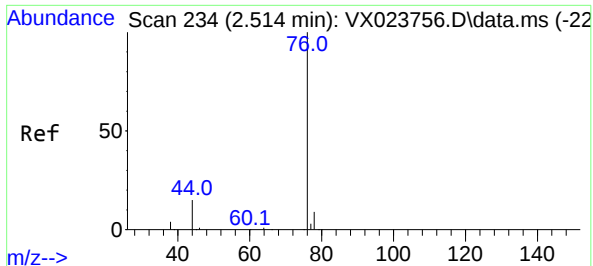
8/19/2021 5:29:03 PM



#16
Acetone
Concen: 256.710 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion:	43	Resp:	318430
Ion	Ratio	Lower	Upper
43	100		
58	29.9	27.8	41.8





#17
Carbon Disulfide
Concen: 49.053 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

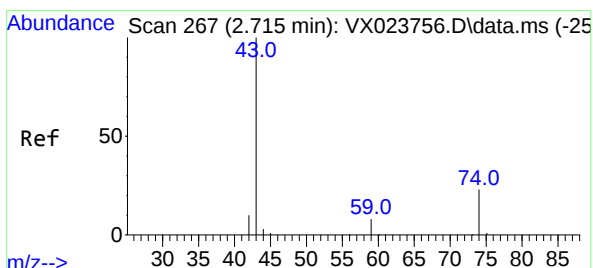
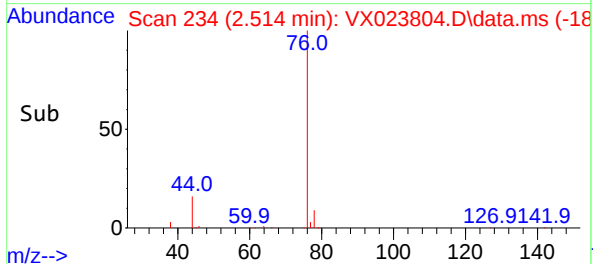
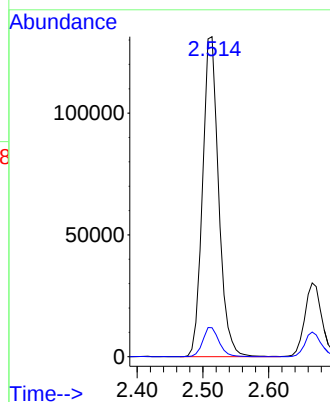
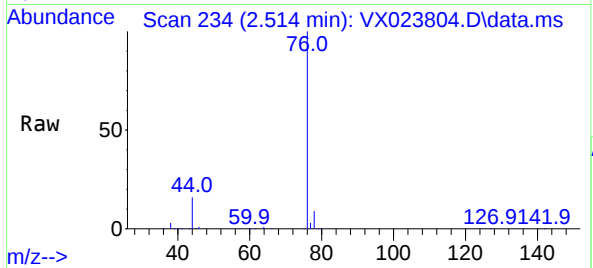
Tgt Ion: 76 Resp: 223175
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

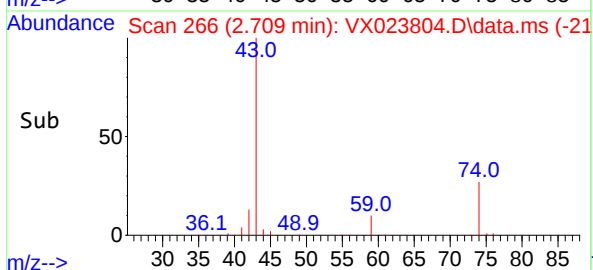
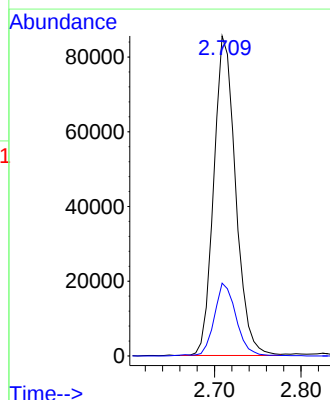
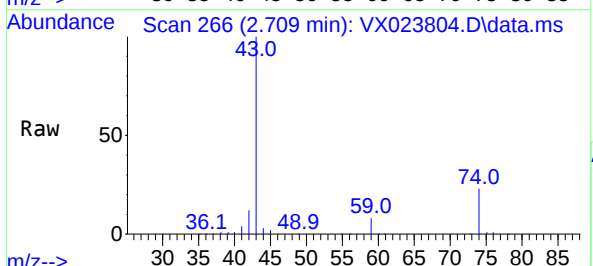
MMDadoda

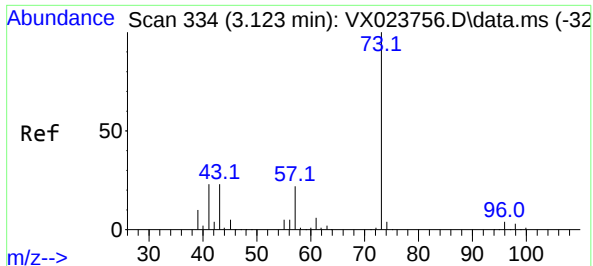
8/19/2021 5:29:03 PM



#18
Methyl Acetate
Concen: 48.372 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

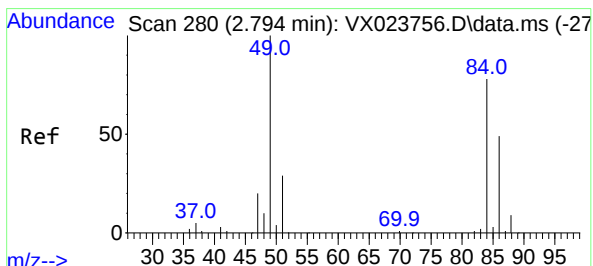
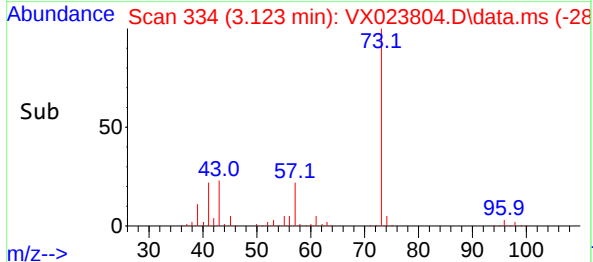
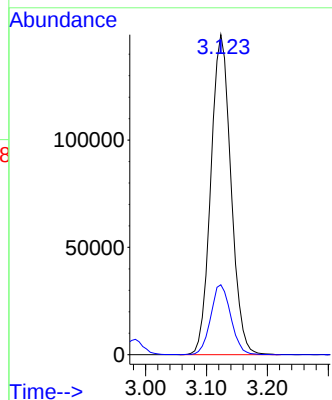
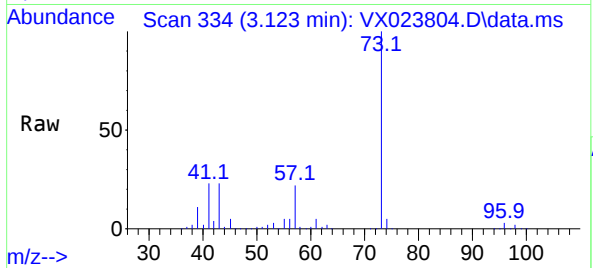
Tgt Ion: 43 Resp: 149788
Ion Ratio Lower Upper
43 100
74 23.1 21.9 32.9





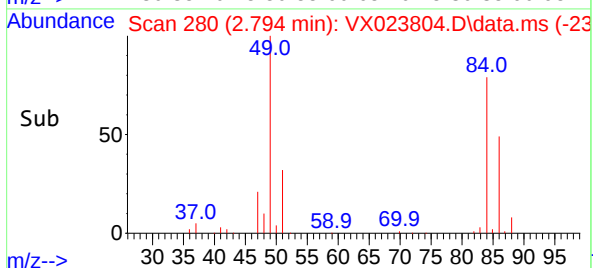
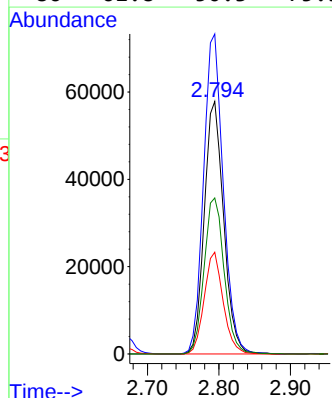
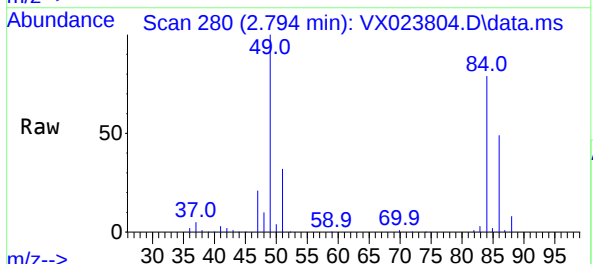
#19
Methyl tert-butyl Ether
Concen: 51.542 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 73 Resp: 342199
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 45.937 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 84 Resp: 108842
Ion Ratio Lower Upper
84 100
49 126.8 88.6 132.8
51 40.3 27.0 40.6
86 61.8 50.3 75.5

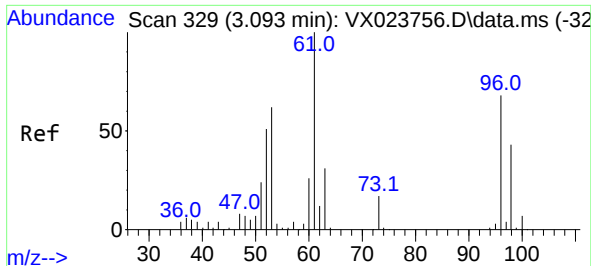


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#21
trans-1,2-Dichloroethene
Concen: 48.877 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

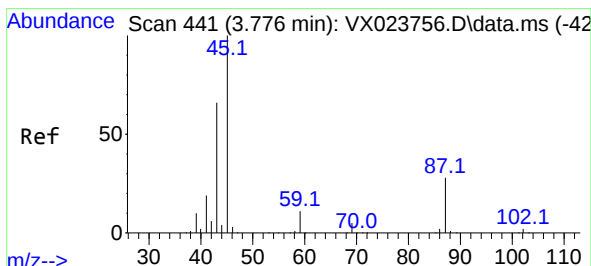
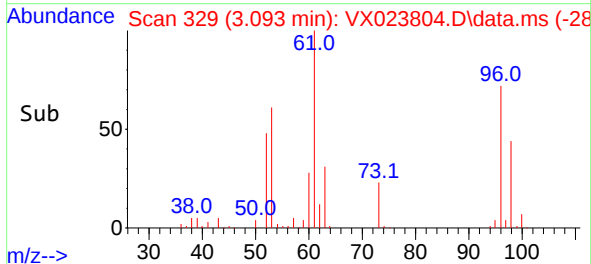
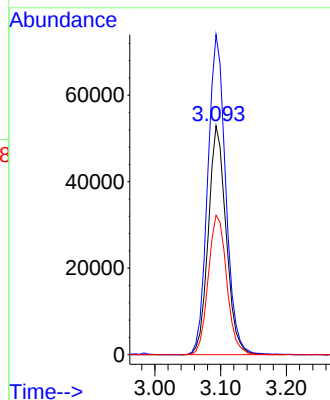
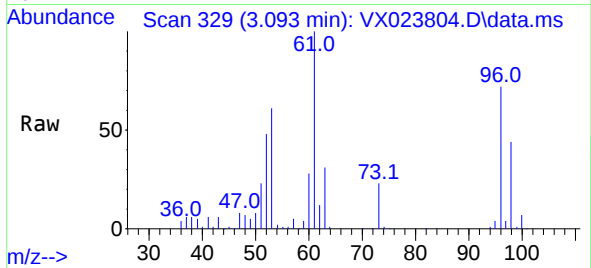
Tgt Ion: 96 Resp: 99591
Ion Ratio Lower Upper
96 100
61 139.8 107.7 161.5
98 60.9 50.4 75.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

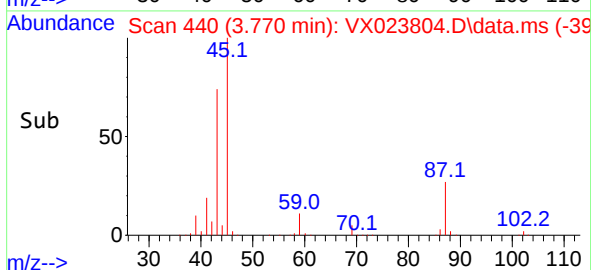
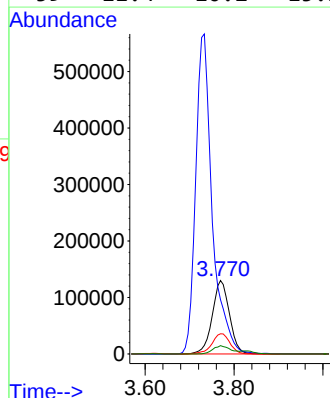
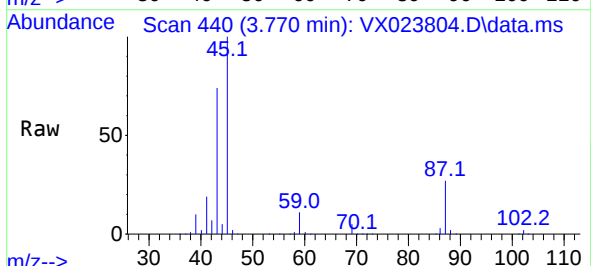
MMDadoda

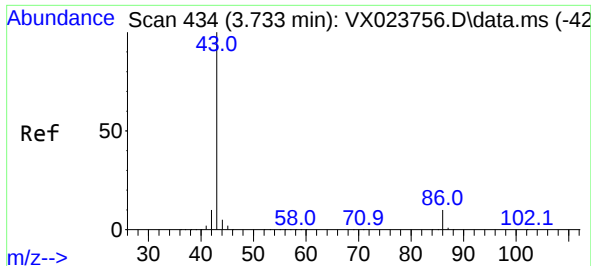
8/19/2021 5:29:03 PM



#22
Diisopropyl ether
Concen: 49.634 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 45 Resp: 347530
Ion Ratio Lower Upper
45 100
43 73.4 58.0 87.0
87 27.4 25.4 38.0
59 11.4 10.2 15.2





#23
 Vinyl Acetate
 Concen: 257.646 ug/l
 RT: 3.733 min Scan# 434
 Delta R.T. 0.000 min
 Lab File: VX023804.D
 Acq: 18 Aug 2021 09:59

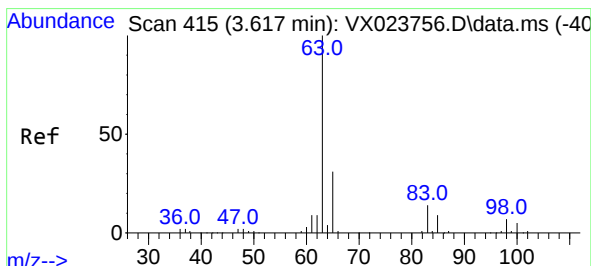
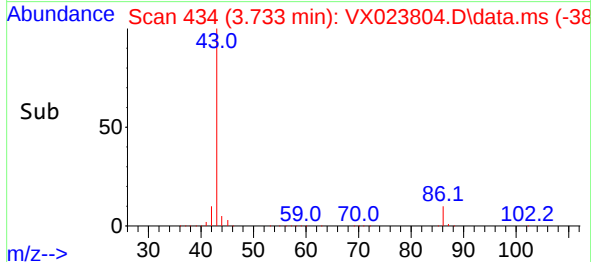
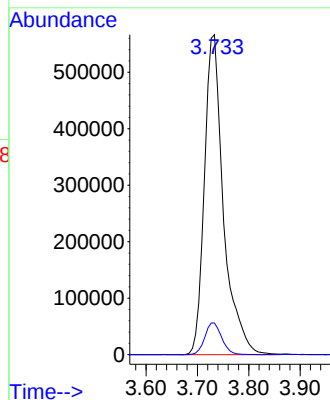
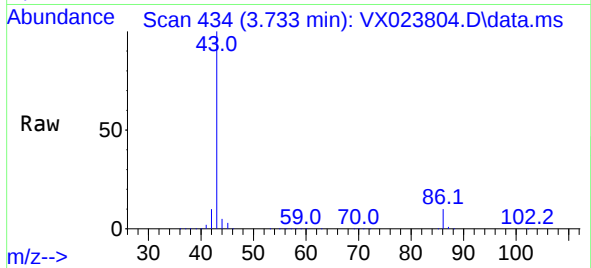
Tgt Ion: 43 Resp: 1459333
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.9 14.9#

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

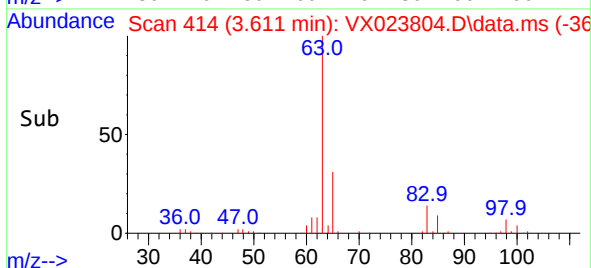
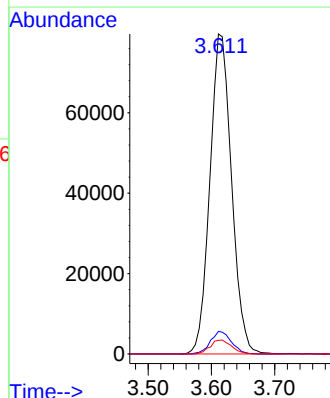
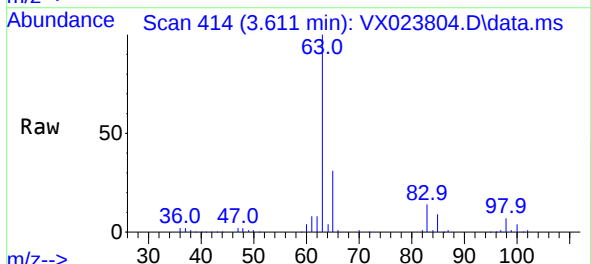
MMDadoda

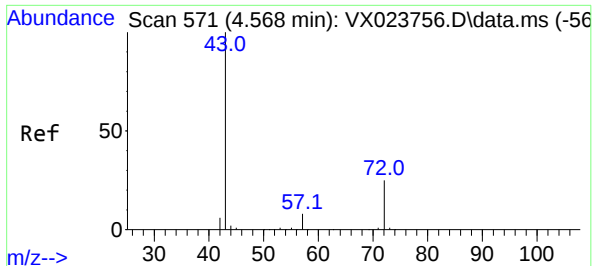
8/19/2021 5:29:03 PM



#24
 1,1-Dichloroethane
 Concen: 48.576 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX023804.D
 Acq: 18 Aug 2021 09:59

Tgt Ion: 63 Resp: 189289
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.2 2.5 7.5





#25
2-Butanone
Concen: 257.647 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

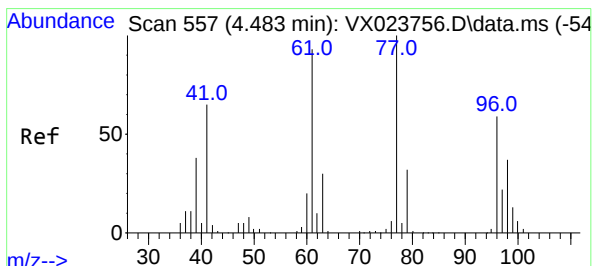
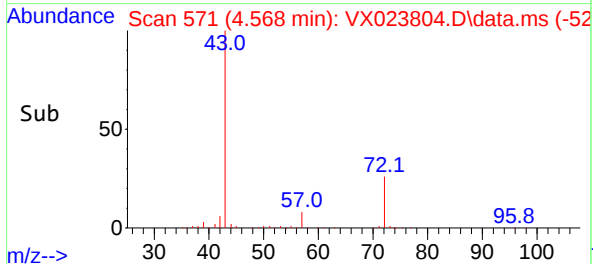
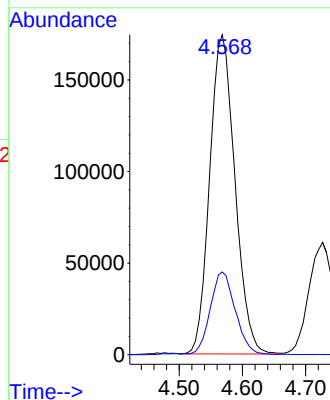
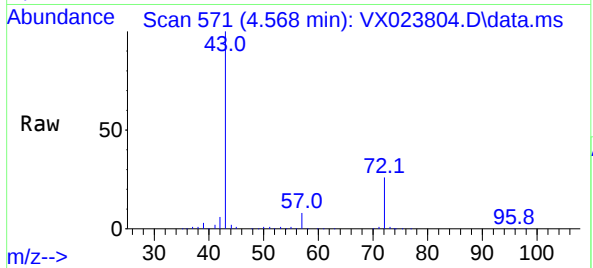
Tgt Ion: 43 Resp: 484068
Ion Ratio Lower Upper
43 100
72 25.8 23.7 35.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

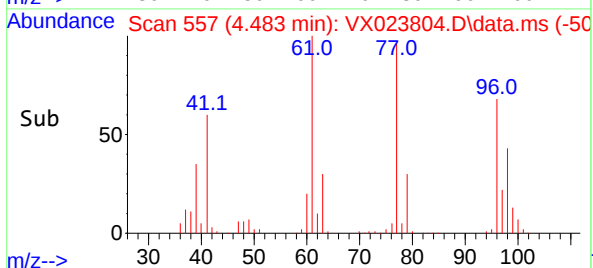
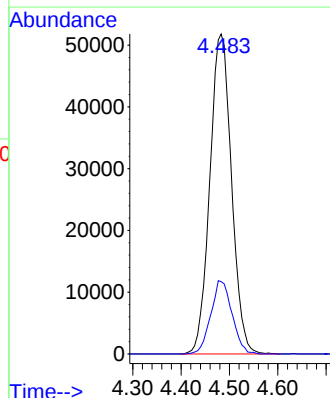
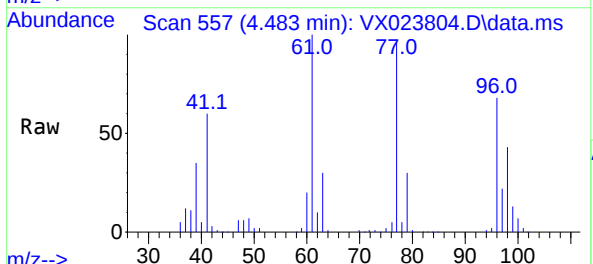
MMDadoda

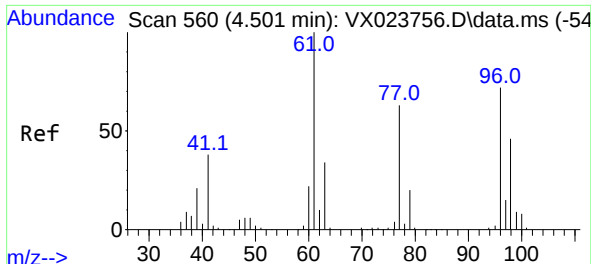
8/19/2021 5:29:03 PM



#26
2,2-Dichloropropane
Concen: 50.411 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 77 Resp: 161227
Ion Ratio Lower Upper
77 100
97 22.5 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 49.034 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 96 Resp: 118885

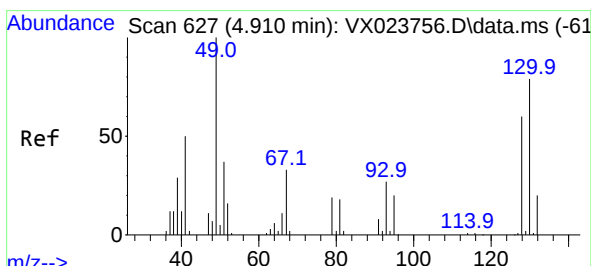
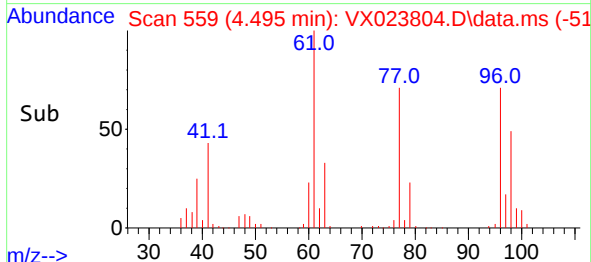
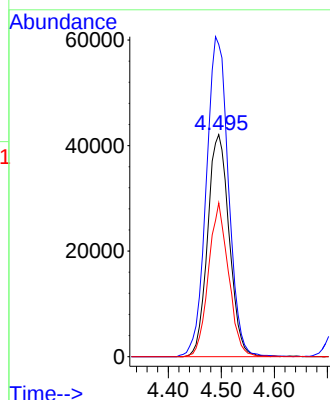
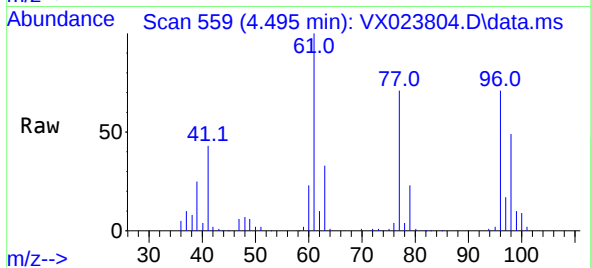
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	285.6
98	64.3	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

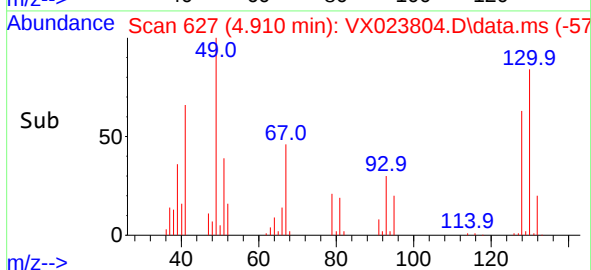
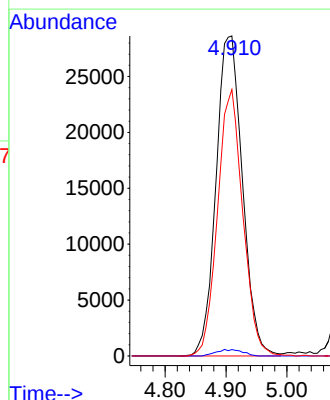
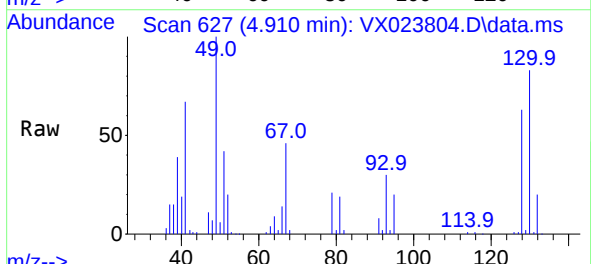
8/19/2021 5:29:03 PM

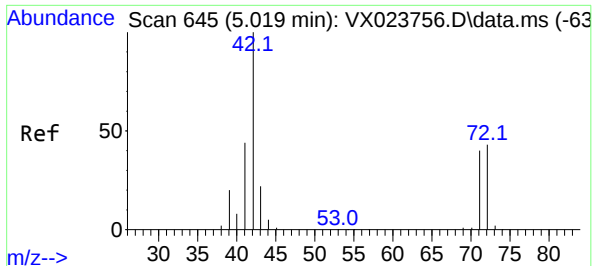


#28
Bromochloromethane
Concen: 48.749 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 49 Resp: 86375

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	79.5	68.2	102.2





#29

Tetrahydrofuran

Concen: 247.400 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX023804.D

Acq: 18 Aug 2021 09:59

Tgt Ion: 42 Resp: 301076

Ion Ratio Lower Upper

42 100

72 43.3 41.7 62.5

71 40.3 38.4 57.6

Instrument :

MSVOA_X

ClientSampleId :

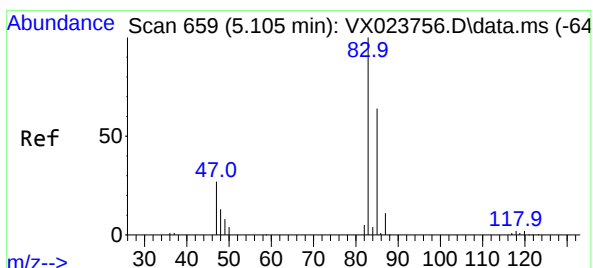
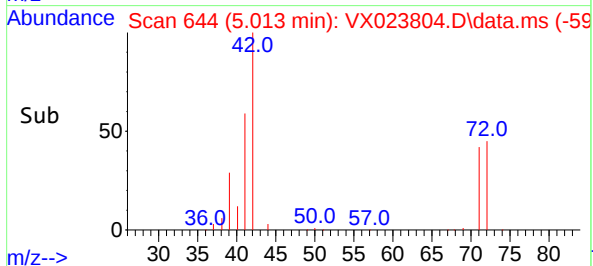
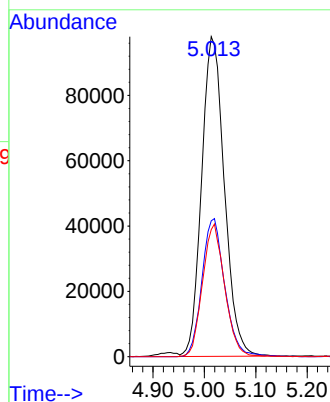
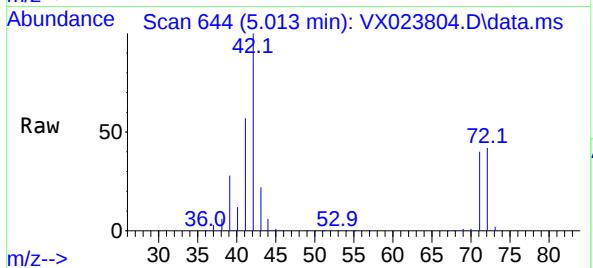
VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#30

Chloroform

Concen: 48.254 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX023804.D

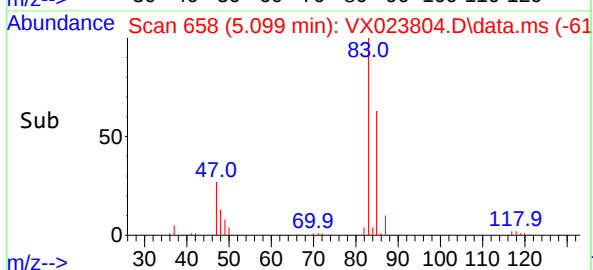
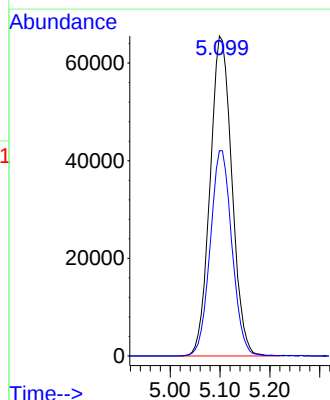
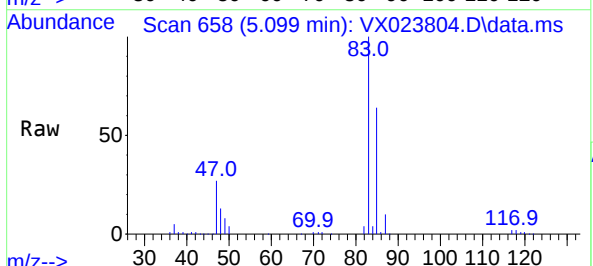
Acq: 18 Aug 2021 09:59

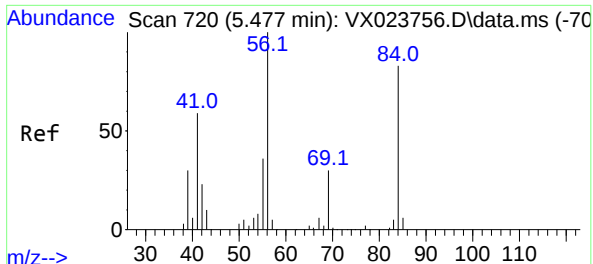
Tgt Ion: 83 Resp: 199098

Ion Ratio Lower Upper

83 100

85 64.1 52.0 78.0





#31

Cyclohexane

Concen: 48.722 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX023804.D

Acq: 18 Aug 2021 09:59

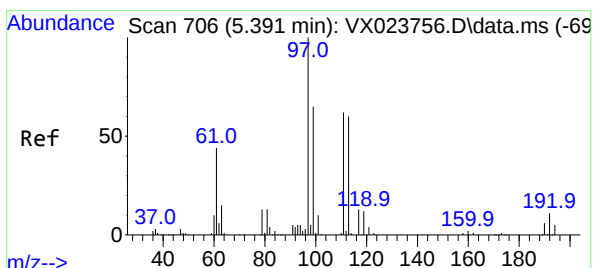
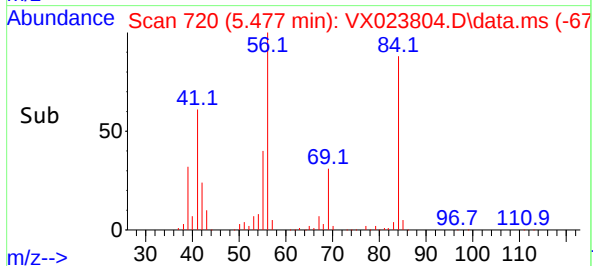
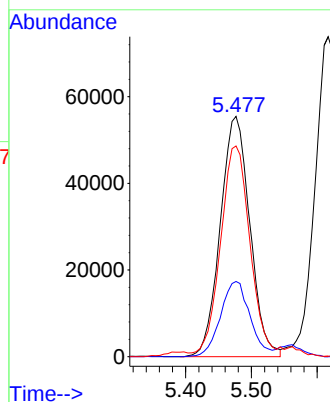
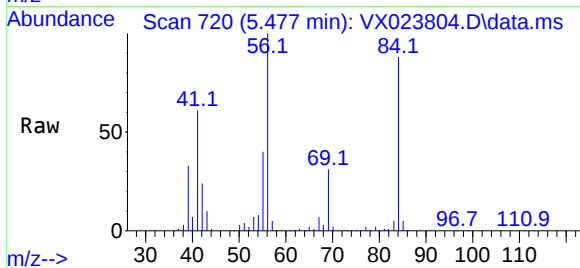
Tgt Ion:	56	Resp:	173654
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.3	37.9
84	85.8	71.4	107.0

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#32

1,1,1-Trichloroethane

Concen: 48.962 ug/l

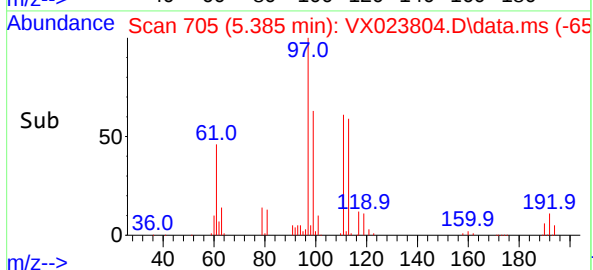
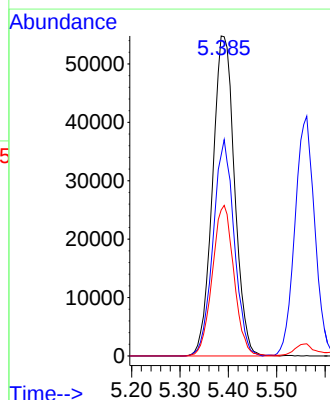
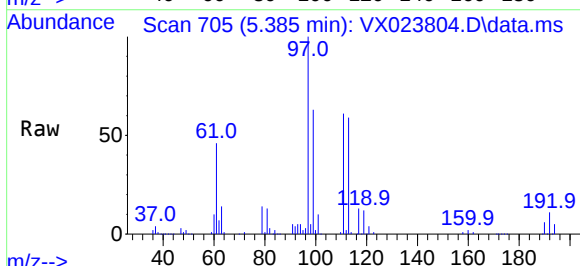
RT: 5.385 min Scan# 705

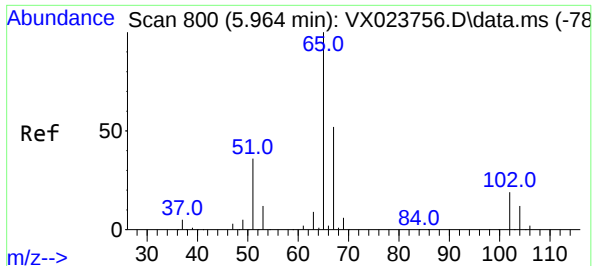
Delta R.T. -0.006 min

Lab File: VX023804.D

Acq: 18 Aug 2021 09:59

Tgt Ion:	97	Resp:	172986
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.5	77.3
61	46.3	34.2	51.4





#33

1,2-Dichloroethane-d4
Concen: 48.196 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

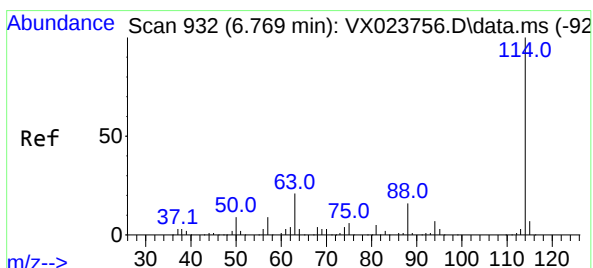
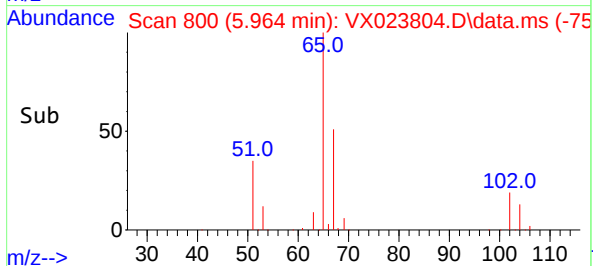
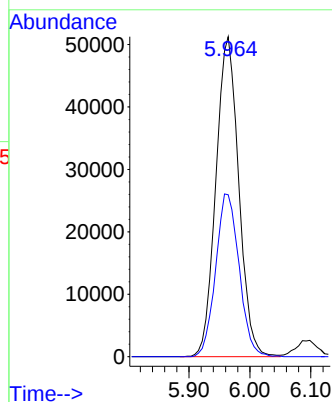
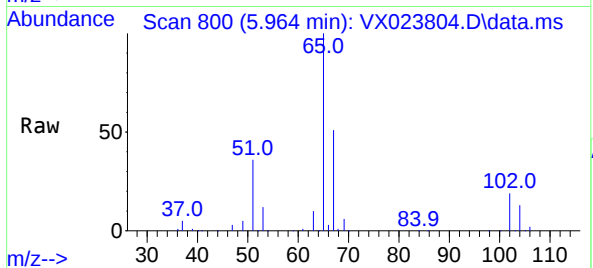
Tgt Ion: 65 Resp: 133705
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

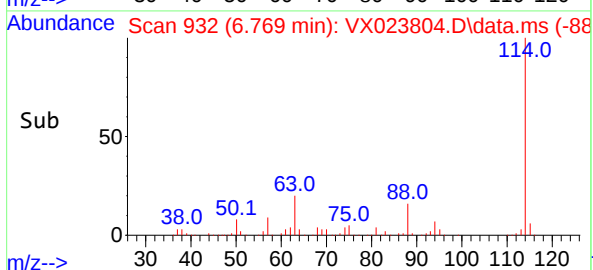
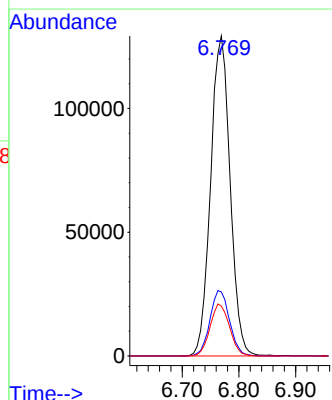
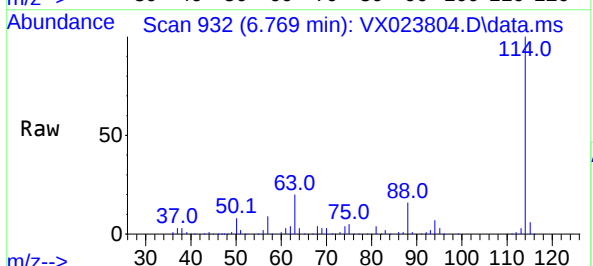
8/19/2021 5:29:03 PM

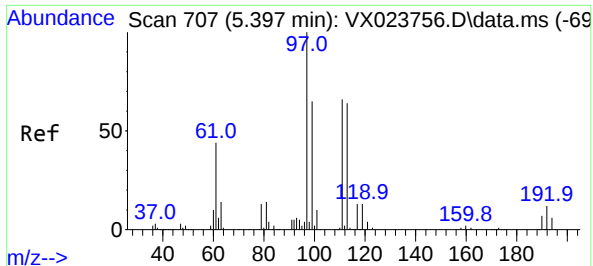


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 114 Resp: 308652
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.214 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

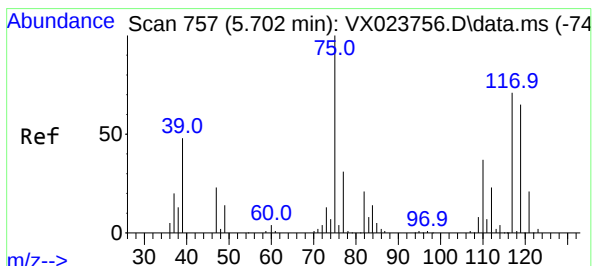
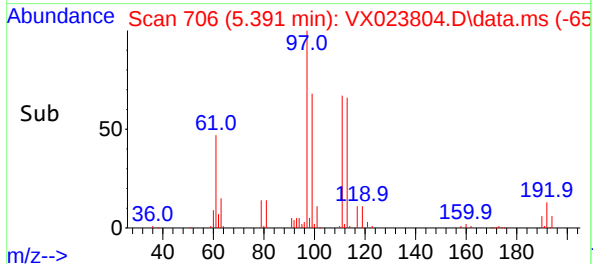
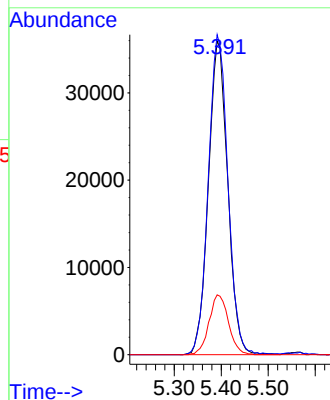
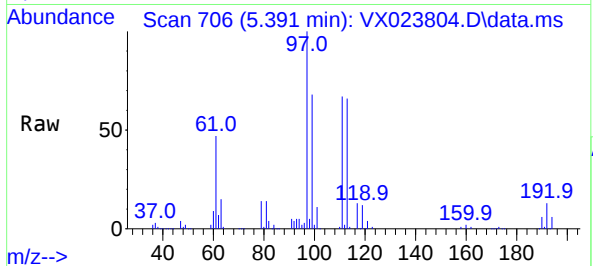
Tgt Ion:113 Resp: 102581
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.2 16.7 25.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

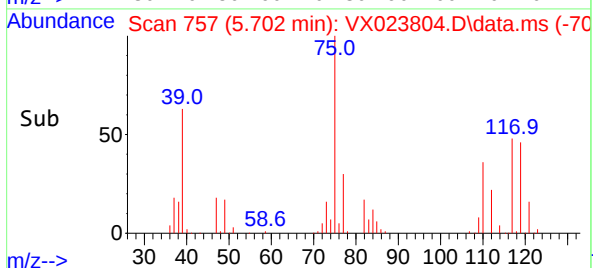
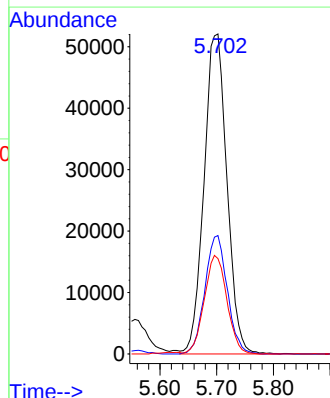
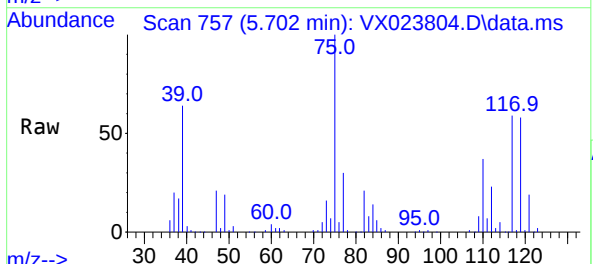
MMDadoda

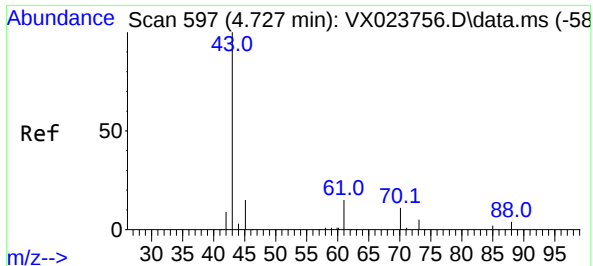
8/19/2021 5:29:03 PM



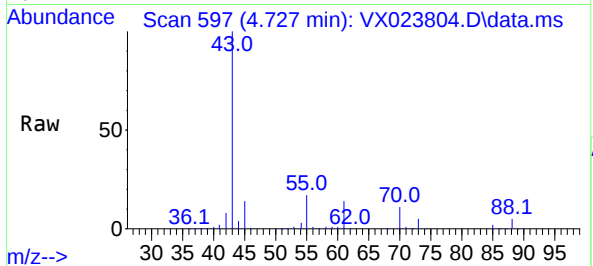
#36
1,1-Dichloropropene
Concen: 51.129 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 75 Resp: 146145
Ion Ratio Lower Upper
75 100
110 36.3 18.1 54.4
77 30.4 25.3 37.9

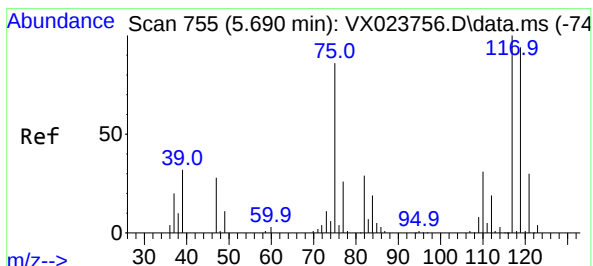
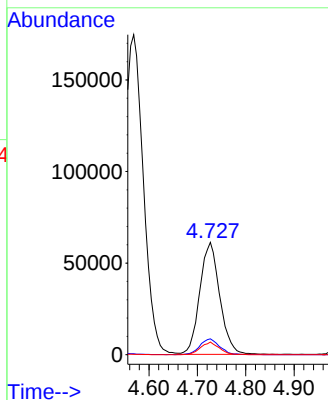
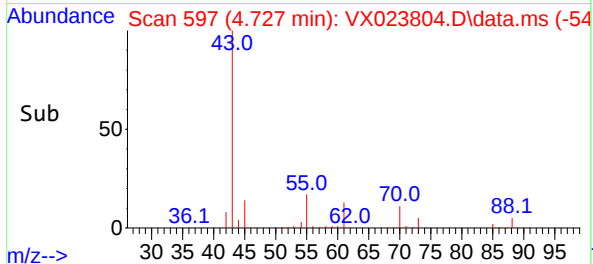




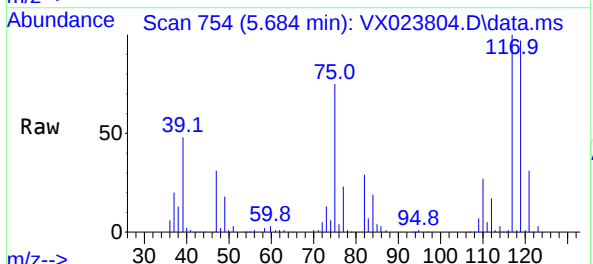
#37
Ethyl Acetate
Concen: 49.926 ug/l
RT: 4.727 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



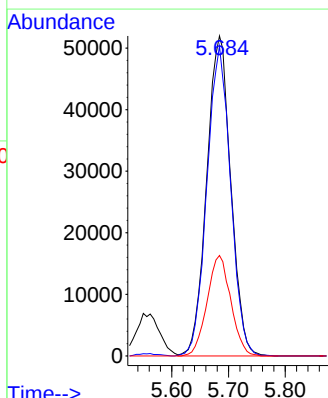
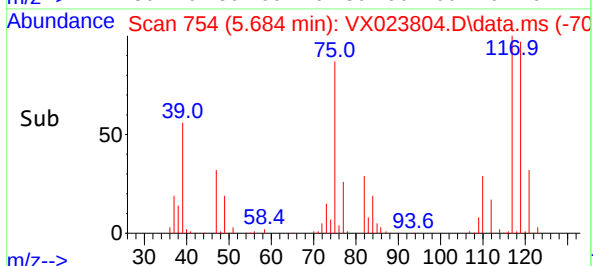
Tgt Ion: 43 Resp: 175419
Ion Ratio Lower Upper
43 100
61 13.9 12.8 19.2
70 10.4 10.5 15.7#



#38
Carbon Tetrachloride
Concen: 51.369 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



Tgt Ion: 117 Resp: 153111
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2
121 31.4 24.8 37.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#39
Methylcyclohexane
Concen: 53.173 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

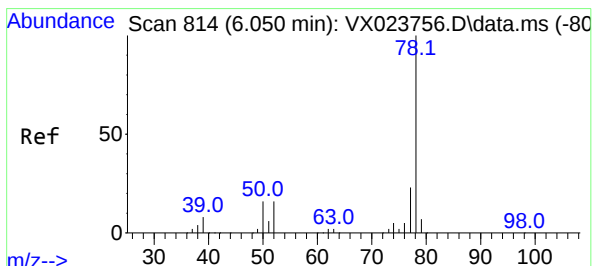
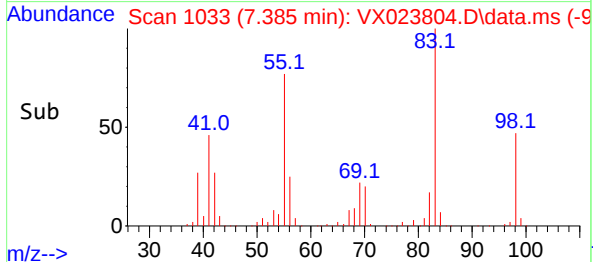
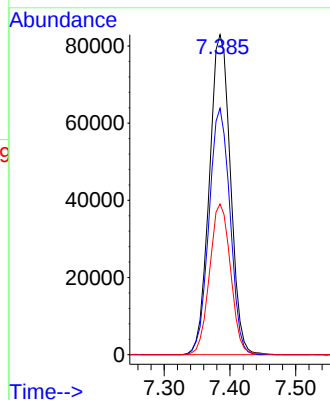
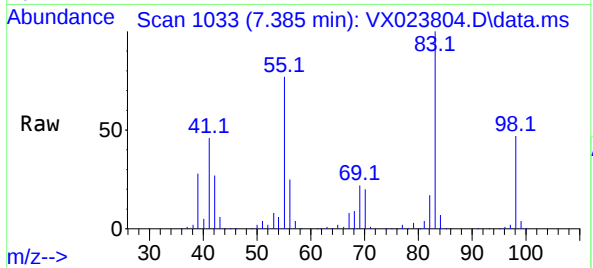
Tgt Ion: 83 Resp: 185059
Ion Ratio Lower Upper
83 100
55 77.0 58.9 88.3
98 47.1 38.1 57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

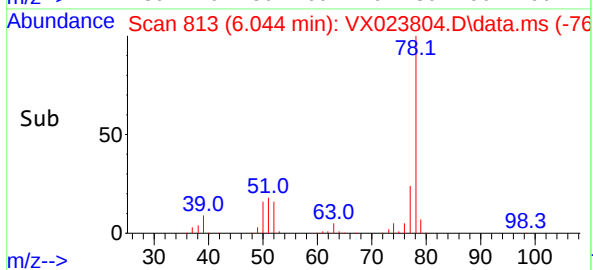
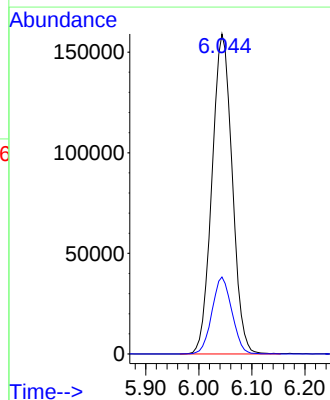
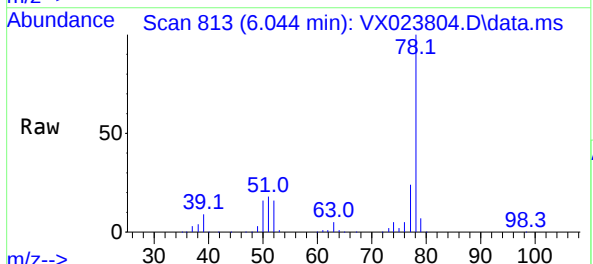
MMDadoda

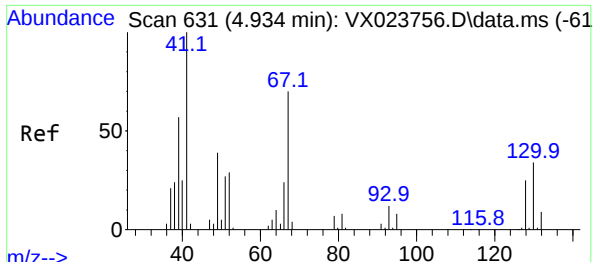
8/19/2021 5:29:03 PM



#40
Benzene
Concen: 49.902 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 78 Resp: 421772
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3





#41
Methacrylonitrile
Concen: 50.164 ug/l
RT: 4.928 min Scan# 630
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

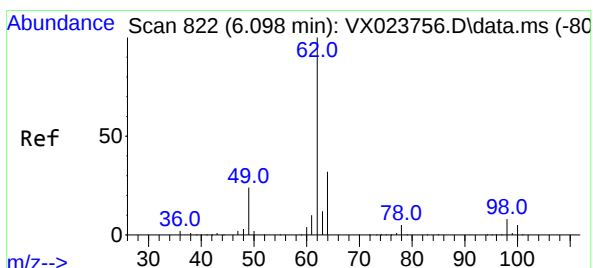
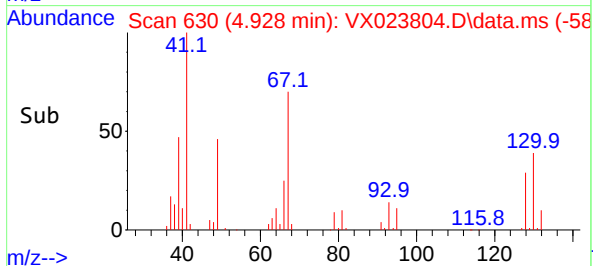
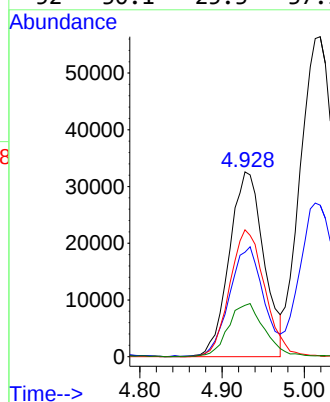
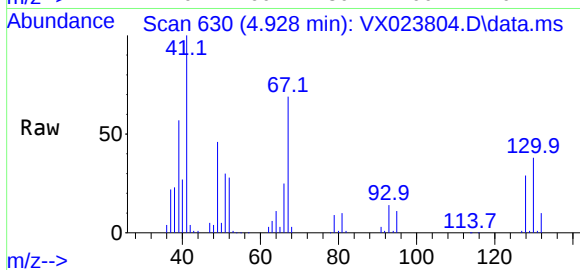
Tgt Ion:	41	Resp:	95548
Ion	Ratio	Lower	Upper
41	100		
39	58.5	42.5	63.7
67	69.8	65.0	97.6
52	30.1	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

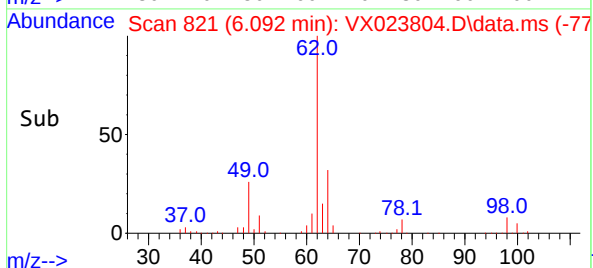
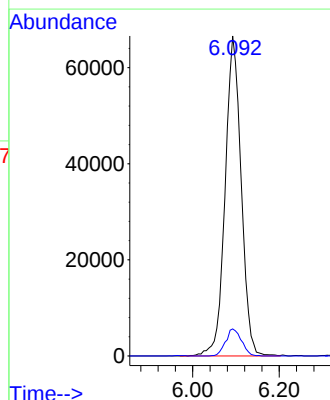
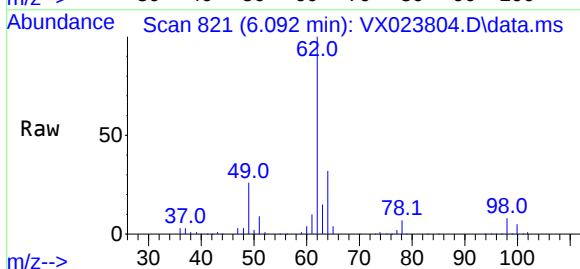
MMDadoda

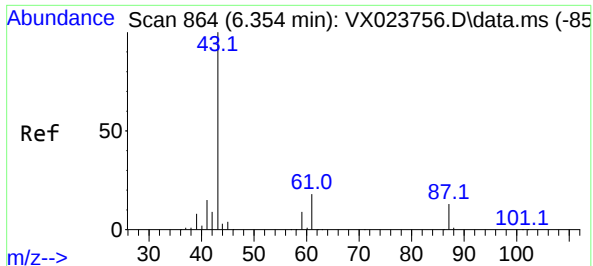
8/19/2021 5:29:03 PM



#42
1,2-Dichloroethane
Concen: 51.732 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion:	62	Resp:	171845
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.2





#43
Isopropyl Acetate
Concen: 51.385 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

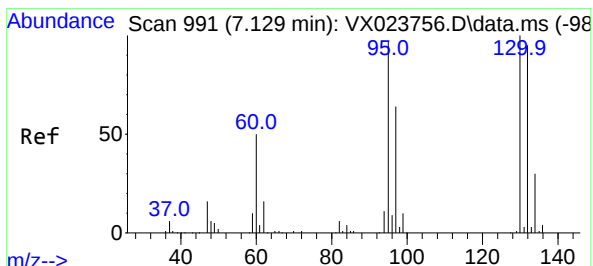
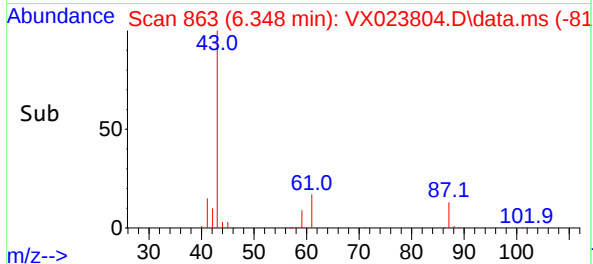
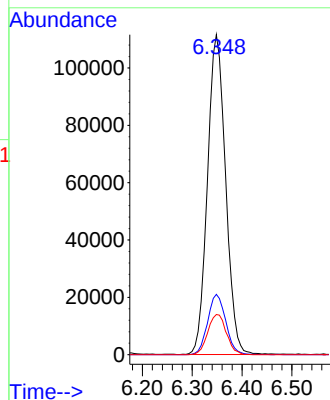
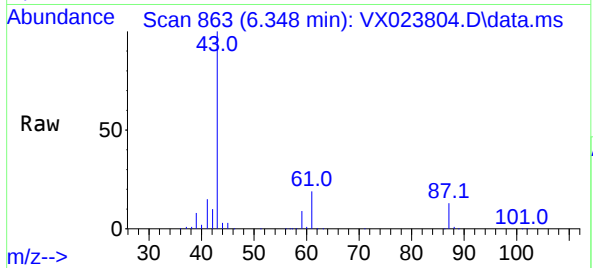
Tgt Ion: 43 Resp: 282403
Ion Ratio Lower Upper
43 100
61 18.8 18.2 27.4
87 12.9 12.5 18.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

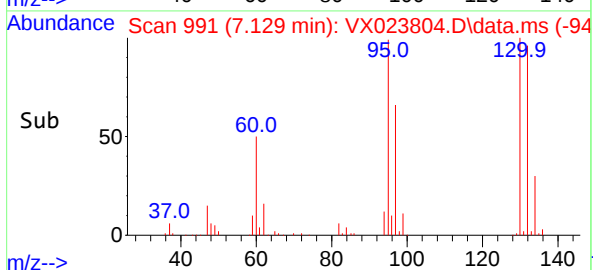
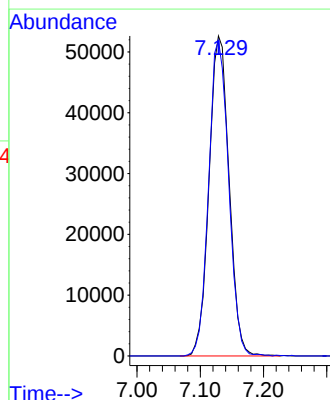
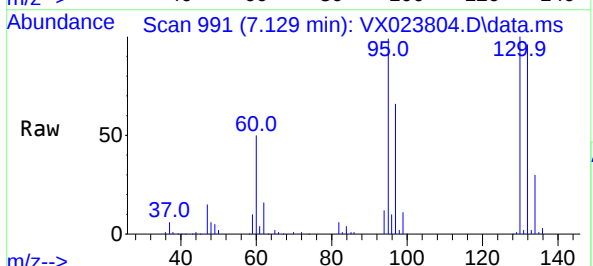
MMDadoda

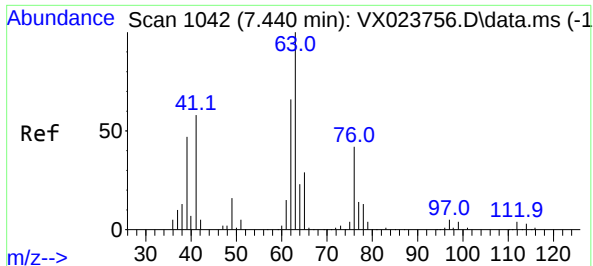
8/19/2021 5:29:03 PM



#44
Trichloroethene
Concen: 49.527 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

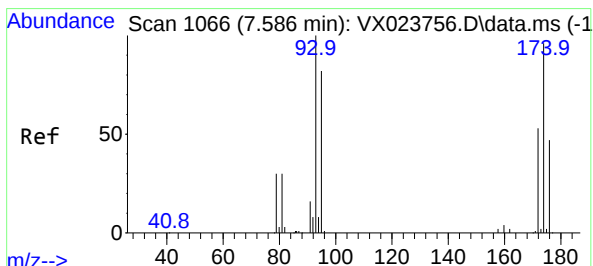
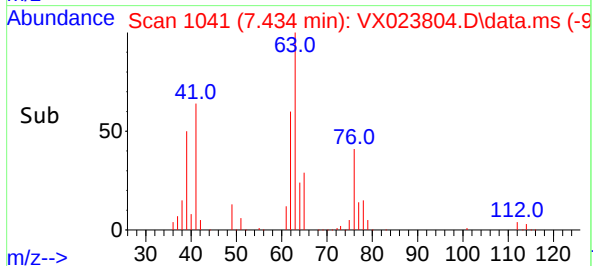
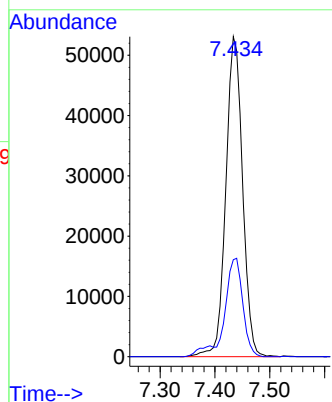
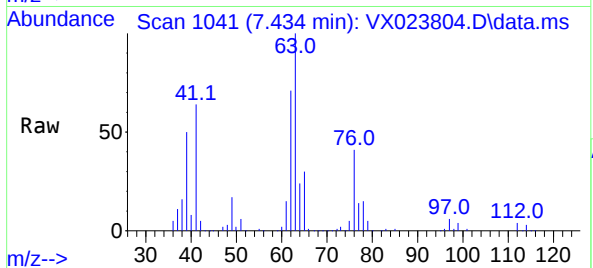
Tgt Ion:130 Resp: 115636
Ion Ratio Lower Upper
130 100
95 98.7 0.0 198.0





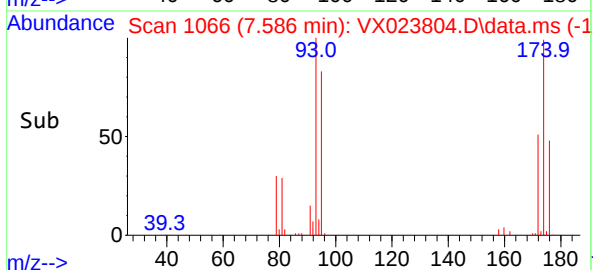
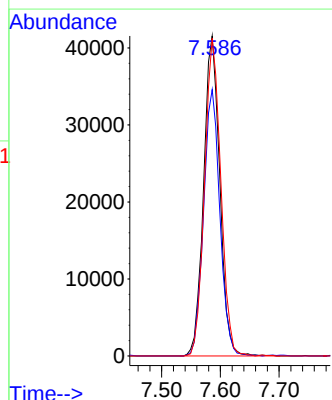
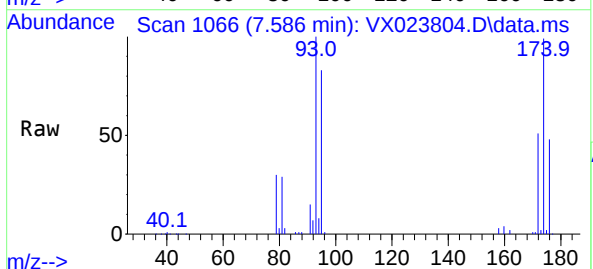
#45
1,2-Dichloropropane
Concen: 50.237 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 63 Resp: 112749
Ion Ratio Lower Upper
63 100
65 30.3 25.7 38.5



#46
Dibromomethane
Concen: 50.794 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 93 Resp: 79333
Ion Ratio Lower Upper
93 100
95 84.1 66.8 100.2
174 99.9 83.1 124.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#47

Bromodichloromethane
Concen: 51.299 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

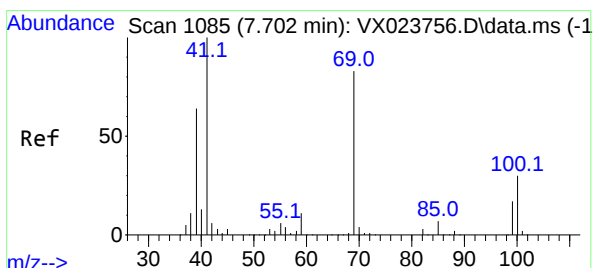
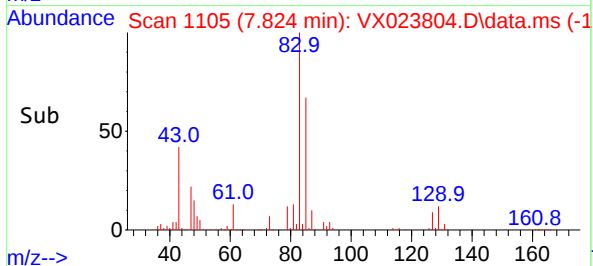
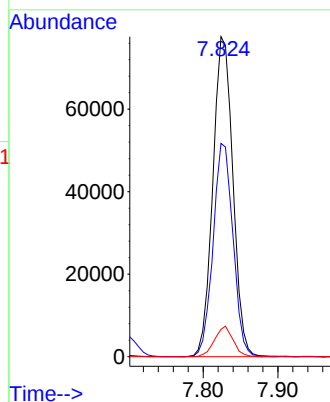
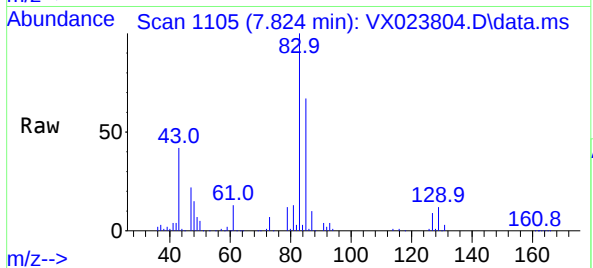
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.4	77.0
127	8.6	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

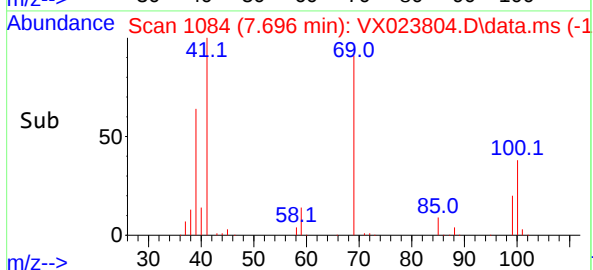
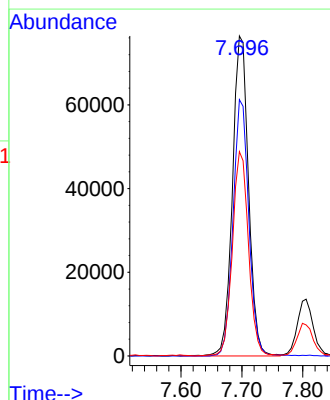
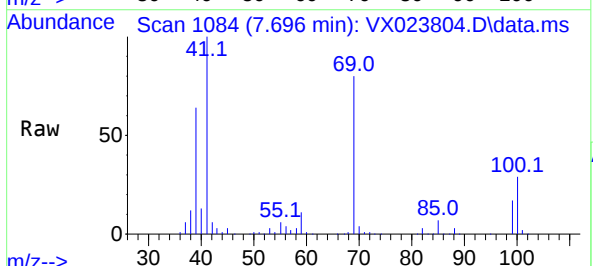
8/19/2021 5:29:03 PM



#48

Methyl methacrylate
Concen: 52.253 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.7	76.0	114.0
39	64.1	44.6	67.0





#49
1,4-Dioxane
Concen: 1074.122 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

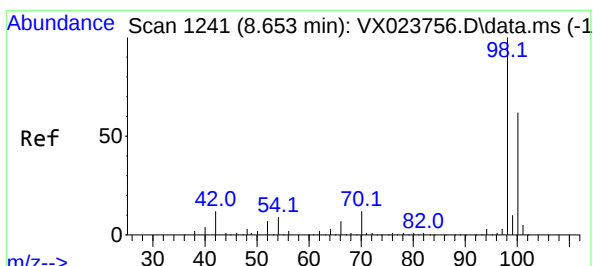
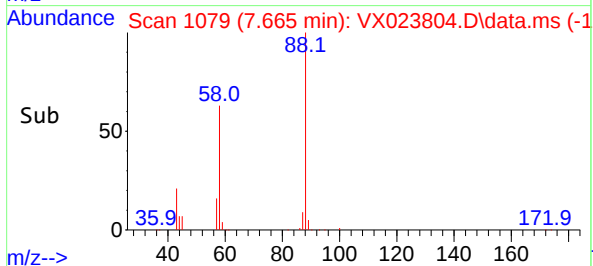
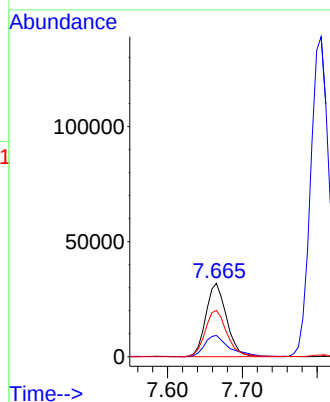
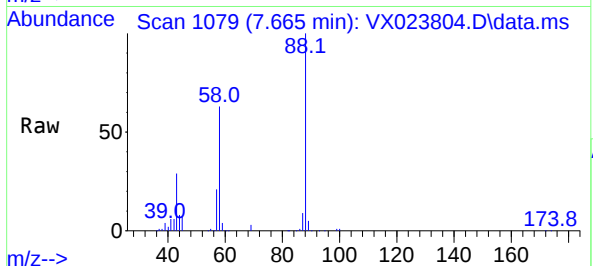
Tgt Ion:	88	Resp:	60862
Ion	Ratio	Lower	Upper
88	100		
43	34.1	23.2	34.8
58	66.9	55.0	82.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

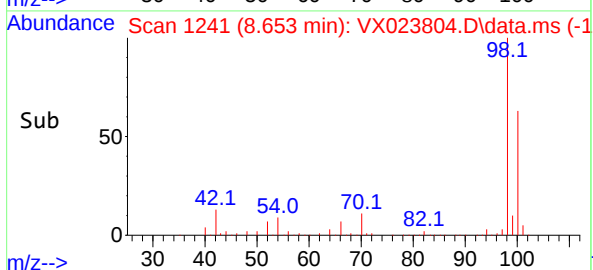
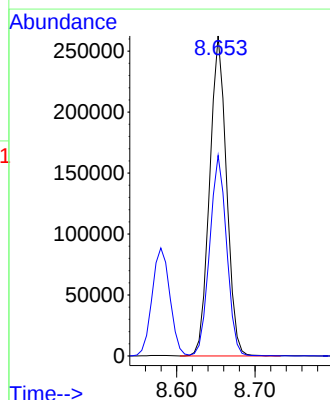
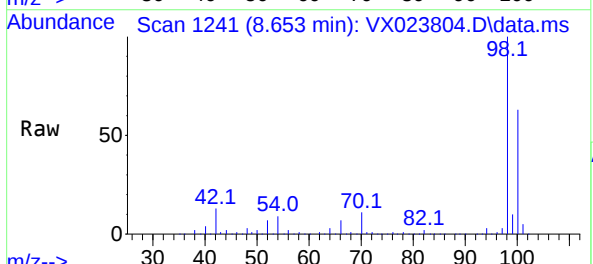
MMDadoda

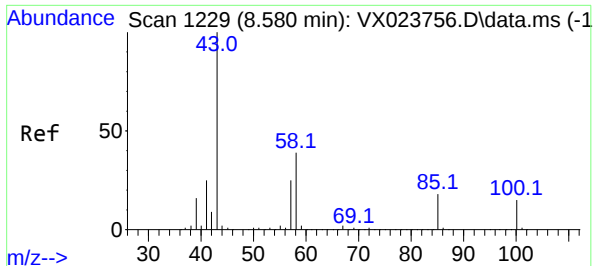
8/19/2021 5:29:03 PM



#50
Toluene-d8
Concen: 50.368 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion:	98	Resp:	391626
Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.9	77.9





#51
4-Methyl-2-Pentanone
Concen: 267.765 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

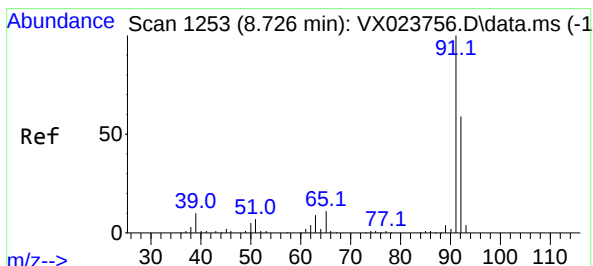
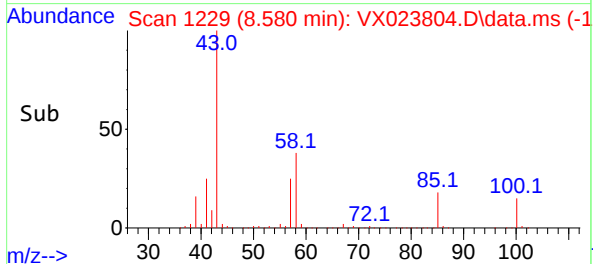
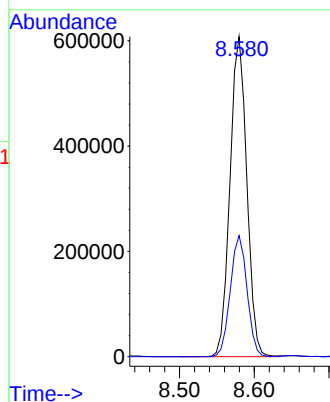
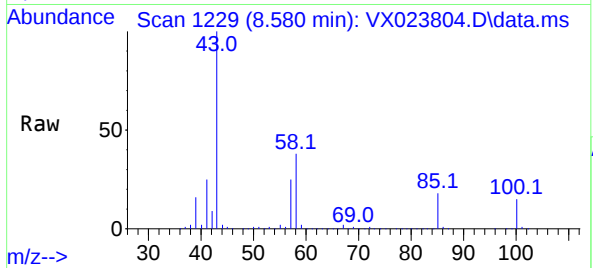
Tgt Ion: 43 Resp: 951263
Ion Ratio Lower Upper
43 100
58 37.7 35.4 53.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

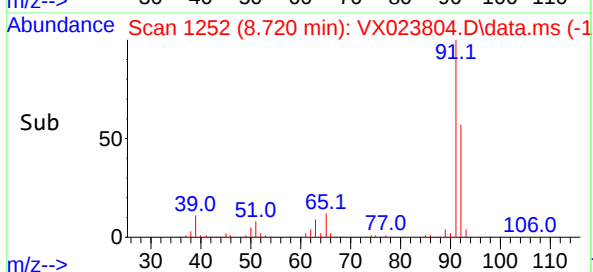
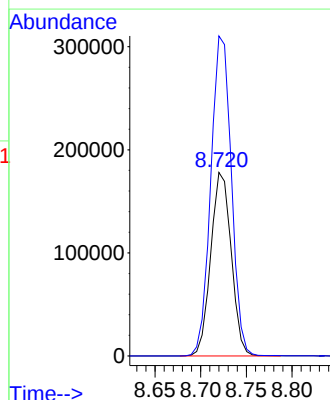
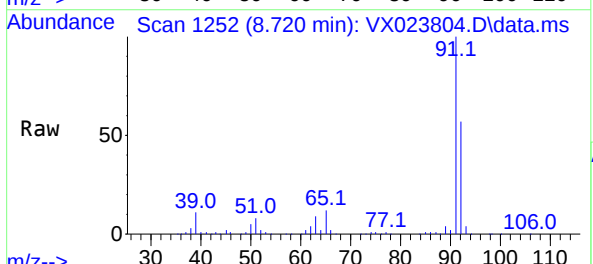
MMDadoda

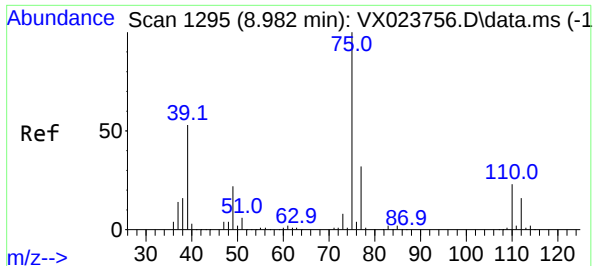
8/19/2021 5:29:03 PM



#52
Toluene
Concen: 50.538 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 92 Resp: 276787
Ion Ratio Lower Upper
92 100
91 175.3 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 47.629 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

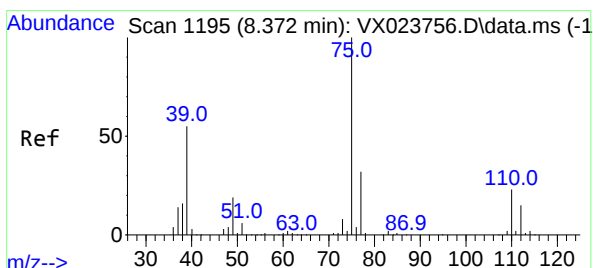
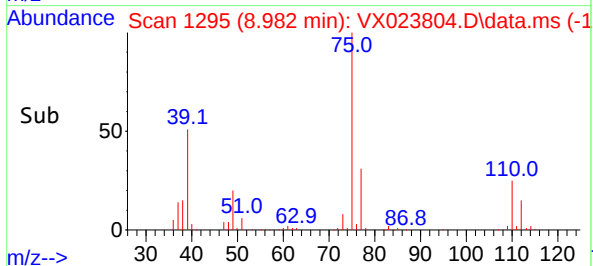
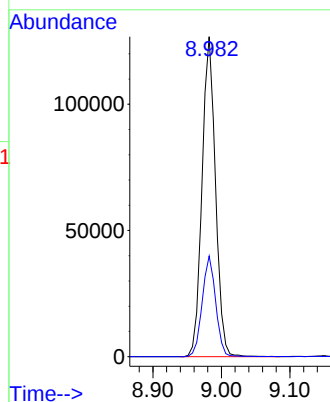
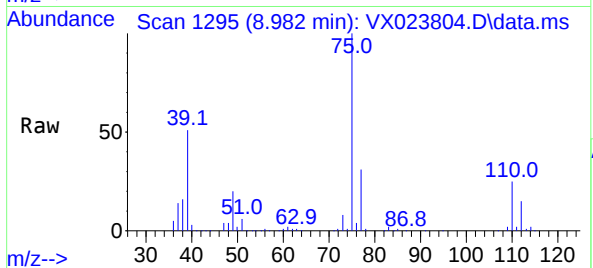
Tgt Ion: 75 Resp: 173440
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

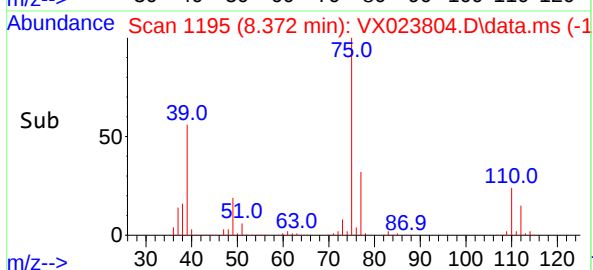
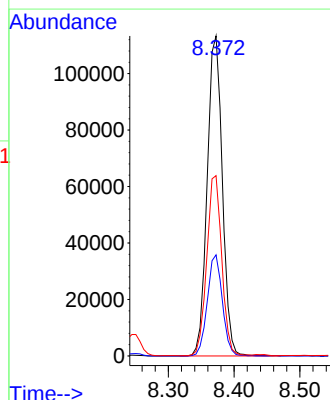
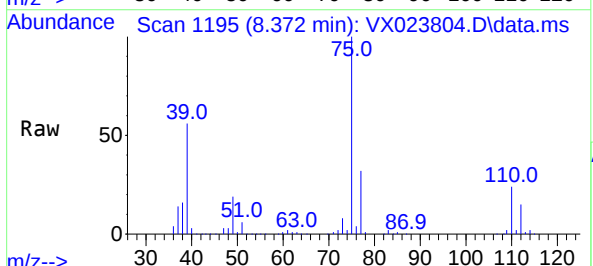
MMDadoda

8/19/2021 5:29:03 PM



#54
cis-1,3-Dichloropropene
Concen: 53.063 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 75 Resp: 181672
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 56.3 35.1 52.7#





#55
1,1,2-Trichloroethane
Concen: 51.617 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 97 Resp: 116386

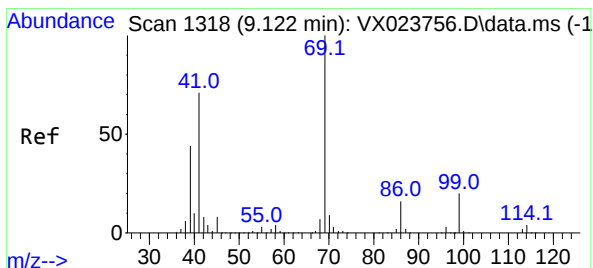
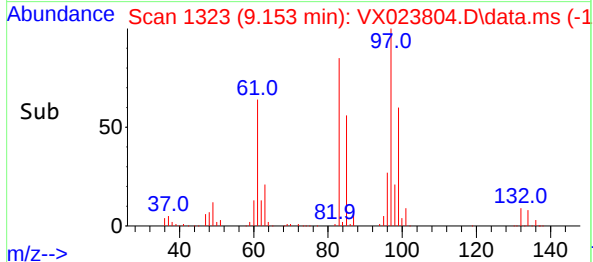
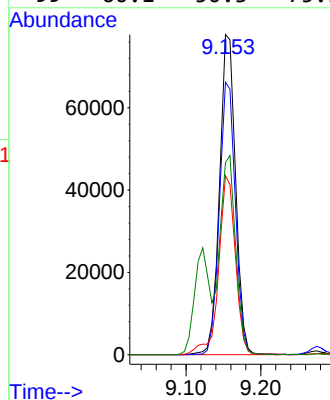
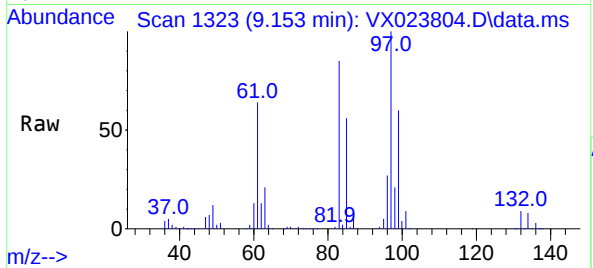
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.3	103.9
85	55.9	44.3	66.5
99	60.1	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

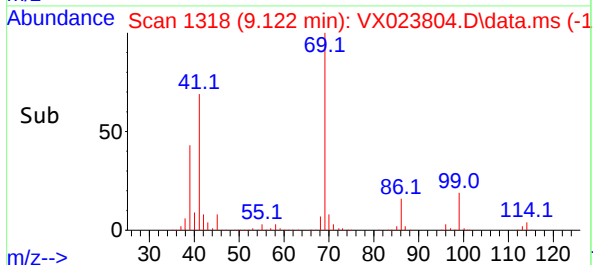
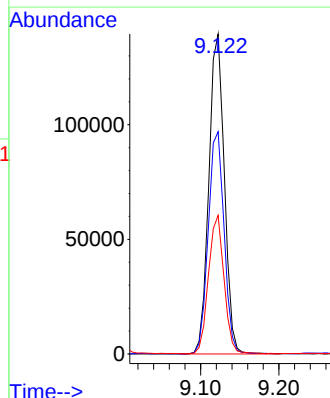
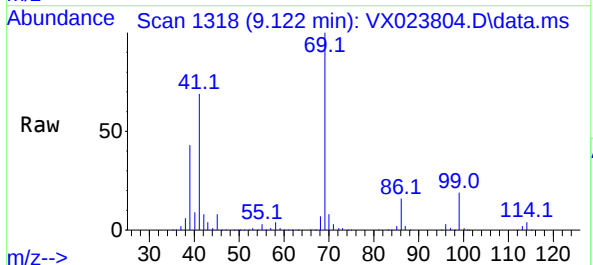
8/19/2021 5:29:03 PM

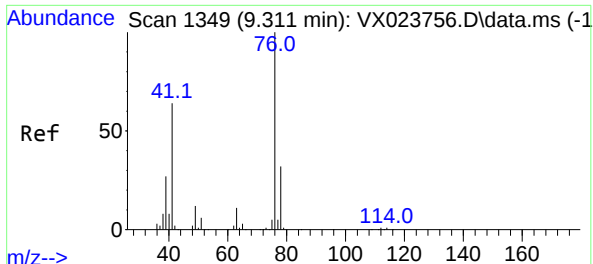


#56
Ethyl methacrylate
Concen: 49.717 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 69 Resp: 191531

Ion	Ratio	Lower	Upper
69	100		
41	71.0	46.8	70.2#
39	43.2	24.7	37.1#

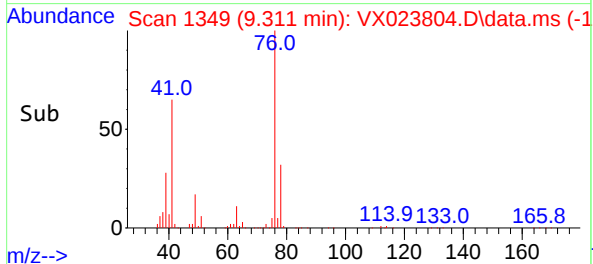
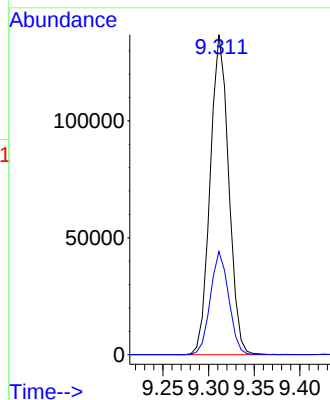
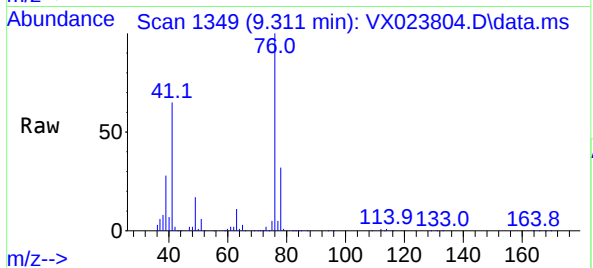




#57

1,3-Dichloropropane
Concen: 51.659 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 76 Resp: 193194
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.2

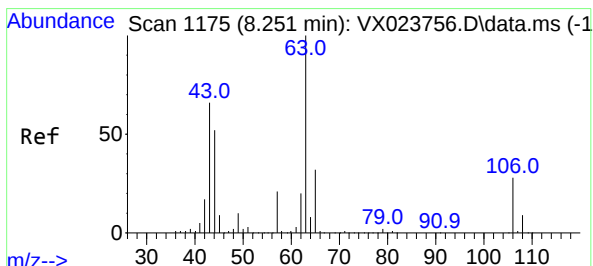


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

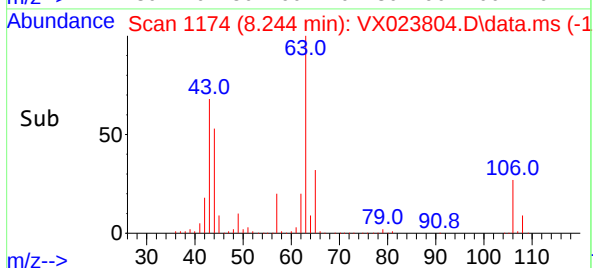
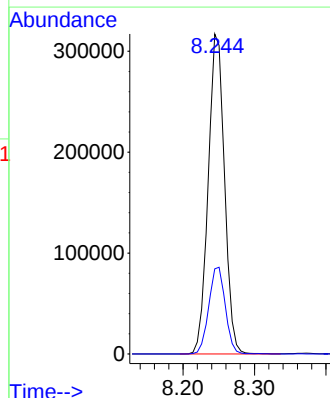
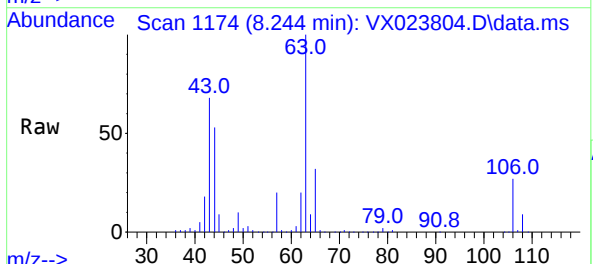
8/19/2021 5:29:03 PM



#58

2-Chloroethyl Vinyl ether
Concen: 276.476 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.007 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

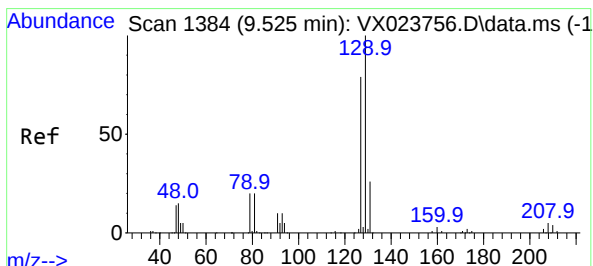
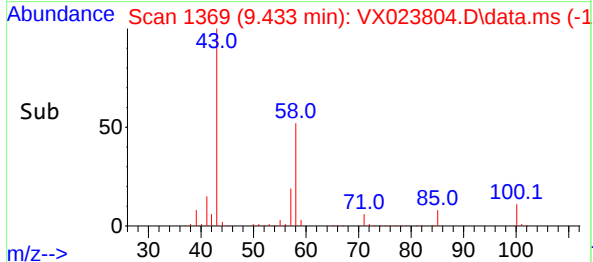
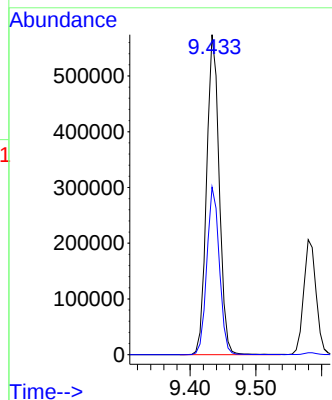
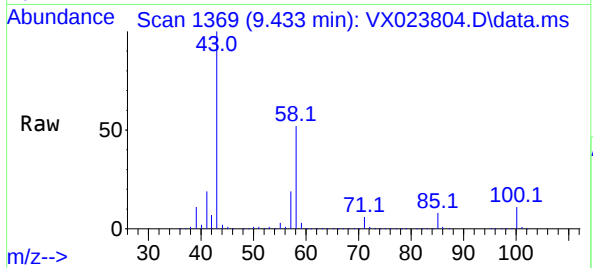
Tgt Ion: 63 Resp: 501982
Ion Ratio Lower Upper
63 100
106 27.4 23.5 35.3





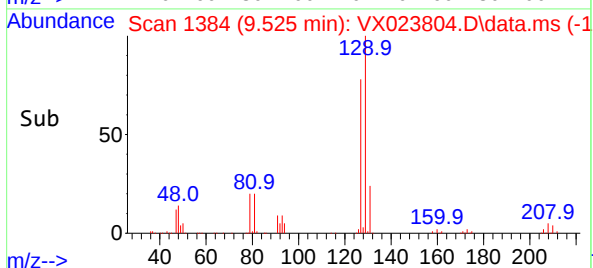
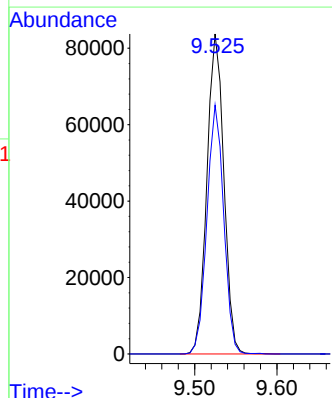
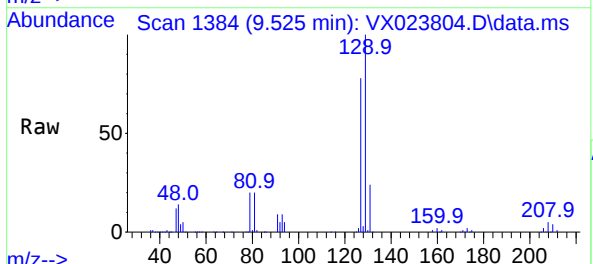
#59
2-Hexanone
Concen: 279.575 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 43 Resp: 763464
Ion Ratio Lower Upper
43 100
58 52.0 30.9 92.8



#60
Dibromochloromethane
Concen: 48.107 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 129 Resp: 119635
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#61
1,2-Dibromoethane
Concen: 52.553 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

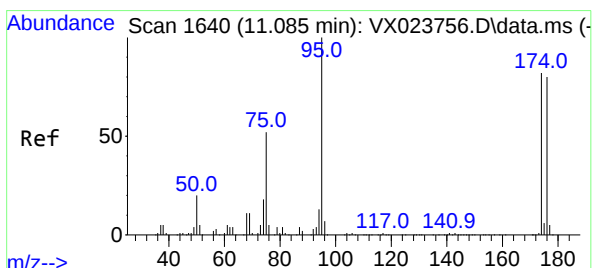
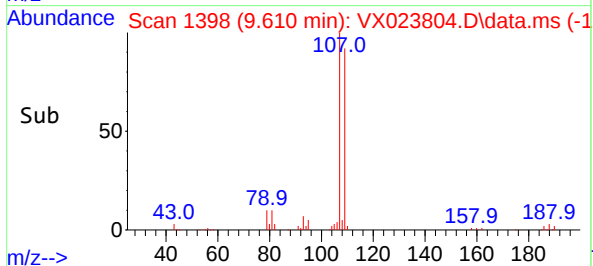
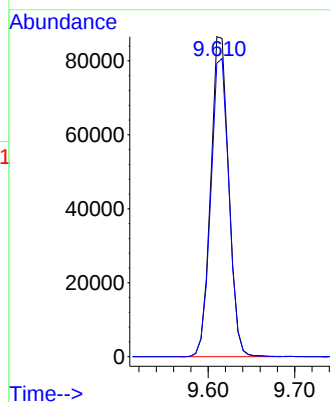
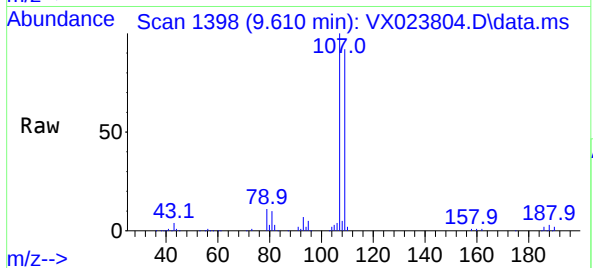
Tgt Ion:107 Resp: 125182
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

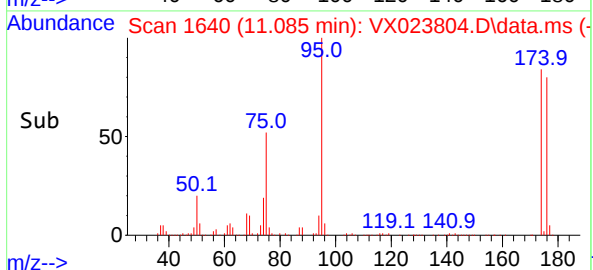
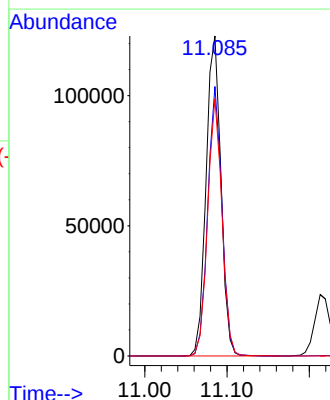
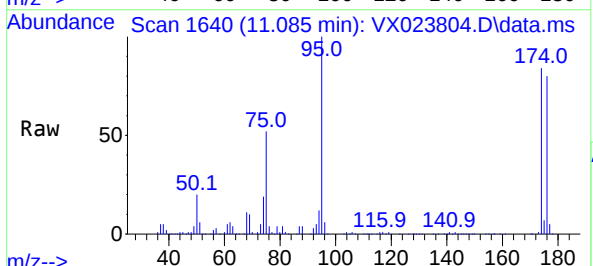
MMDadoda

8/19/2021 5:29:03 PM



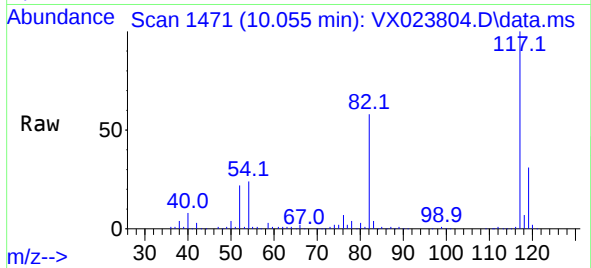
#62
4-Bromofluorobenzene
Concen: 53.768 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 95 Resp: 153902
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.5 0.0 155.8

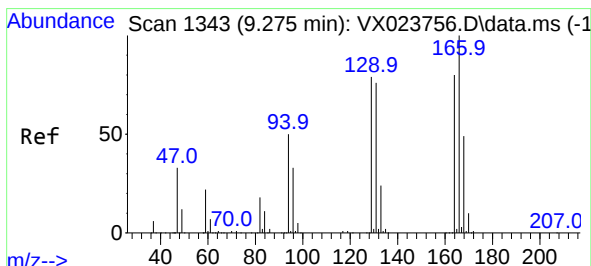
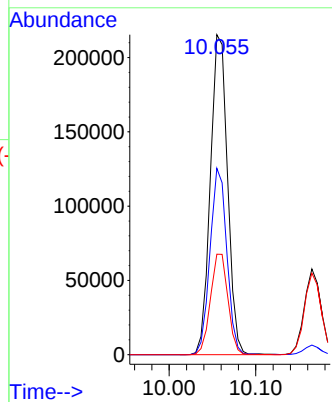
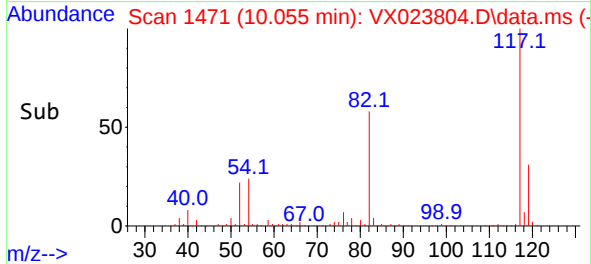




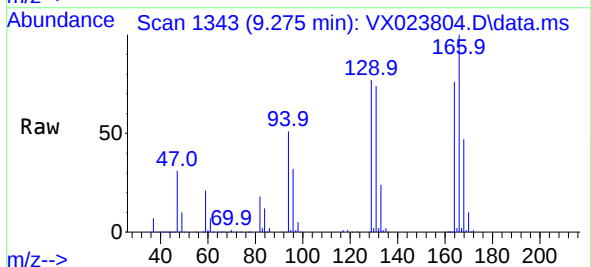
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



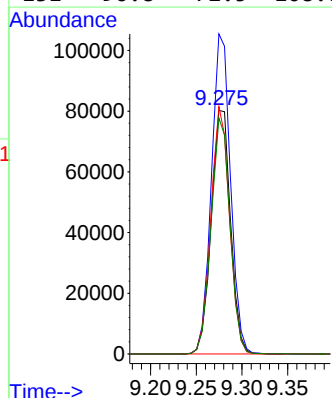
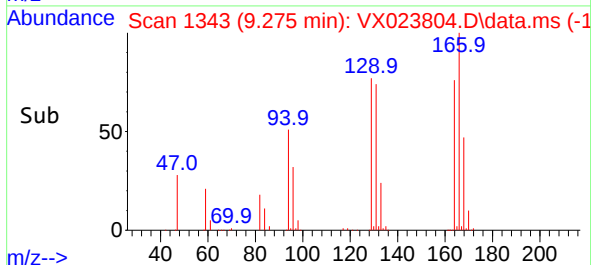
Tgt Ion:117 Resp: 296993
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.4 26.6 39.8



#64
Tetrachloroethene
Concen: 49.780 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



Tgt Ion:164 Resp: 118083
Ion Ratio Lower Upper
164 100
166 131.4 103.4 155.2
129 101.6 70.8 106.2
131 96.8 72.5 108.7

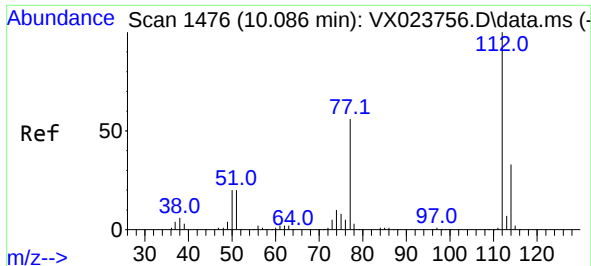


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#65
Chlorobenzene
Concen: 50.379 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

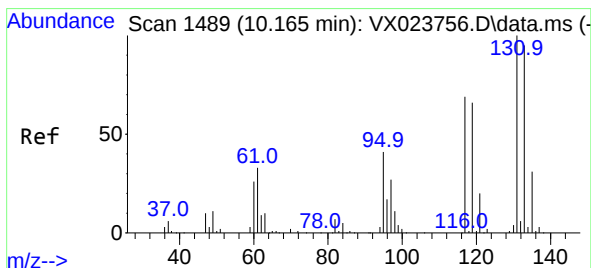
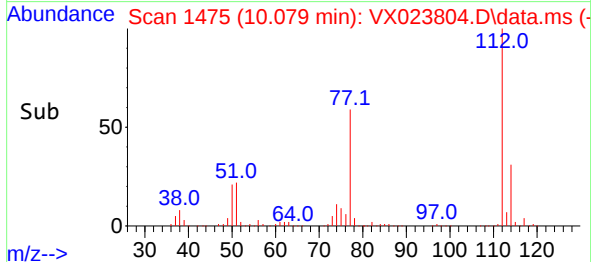
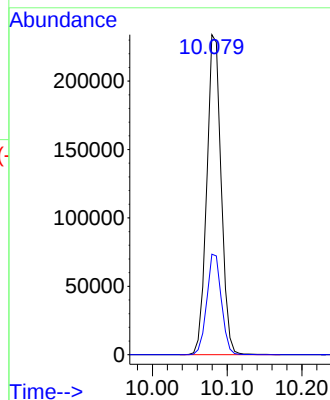
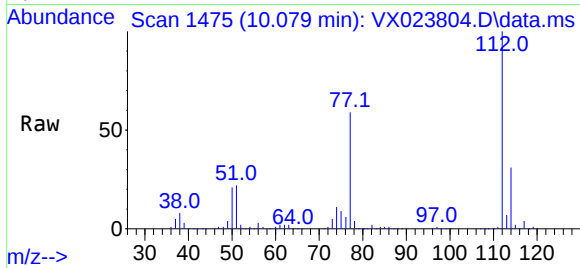
Tgt Ion:112 Resp: 312222
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

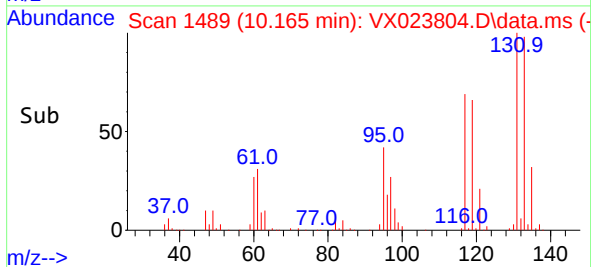
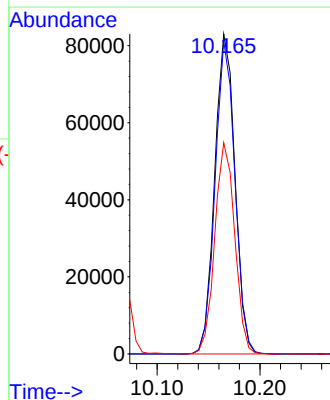
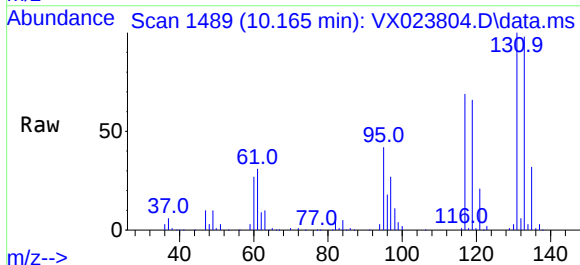
MMDadoda

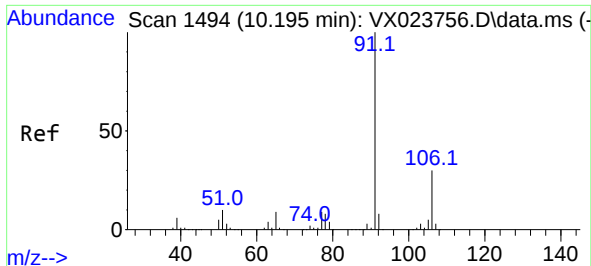
8/19/2021 5:29:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.226 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion:131 Resp: 112993
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 65.3 32.1 96.5





#67
Ethyl Benzene
Concen: 51.233 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

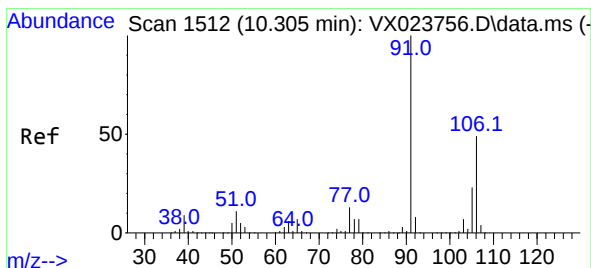
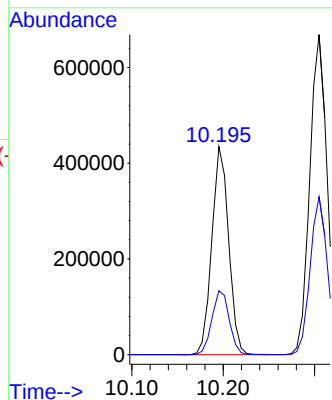
Tgt Ion: 91 Resp: 554458
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

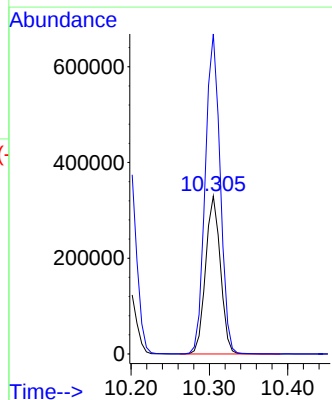
MMDadoda

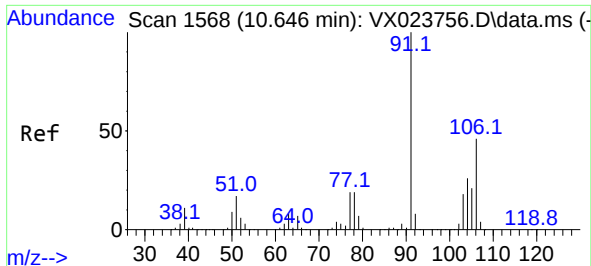
8/19/2021 5:29:03 PM



#68
m/p-Xylenes
Concen: 104.815 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 106 Resp: 432062
Ion Ratio Lower Upper
106 100
91 204.6 162.8 244.2





#69
o-Xylene
Concen: 52.359 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

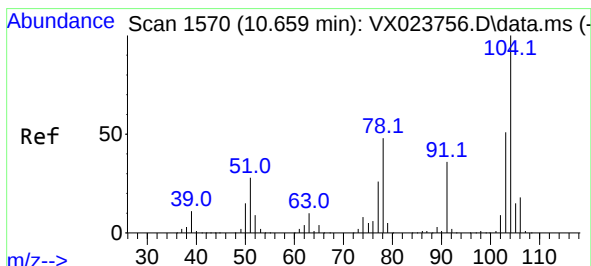
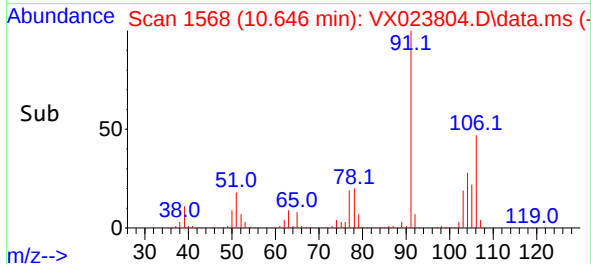
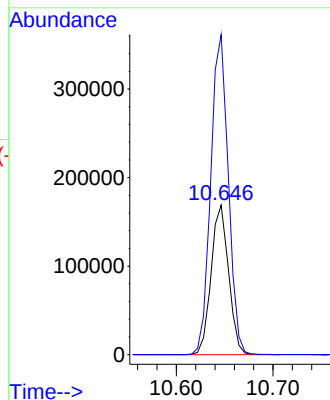
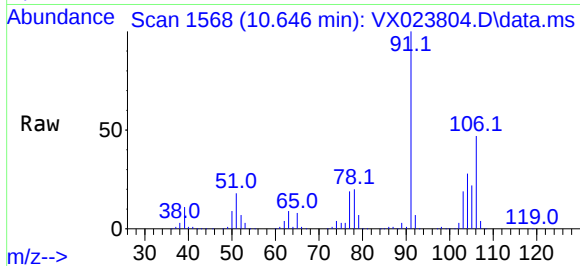
Tgt Ion:106 Resp: 212100
Ion Ratio Lower Upper
106 100
91 215.5 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Manual Integrations
APPROVED

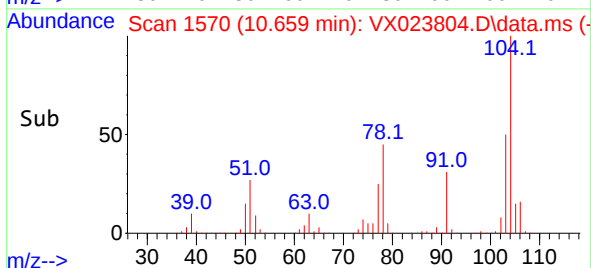
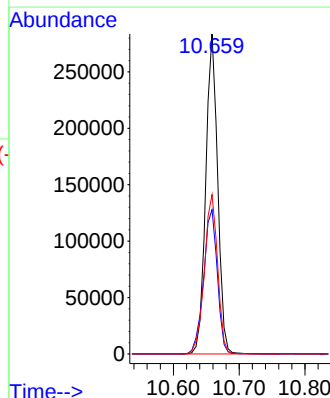
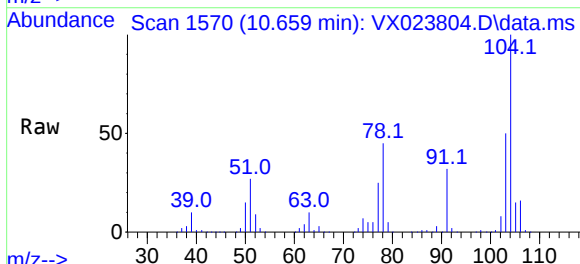
MMDadoda

8/19/2021 5:29:03 PM



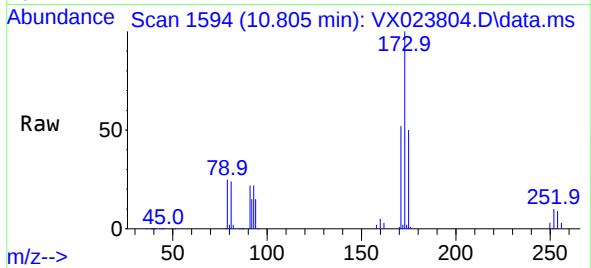
#70
Styrene
Concen: 54.090 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion:104 Resp: 356957
Ion Ratio Lower Upper
104 100
78 52.0 40.0 60.0
103 55.5 43.4 65.0

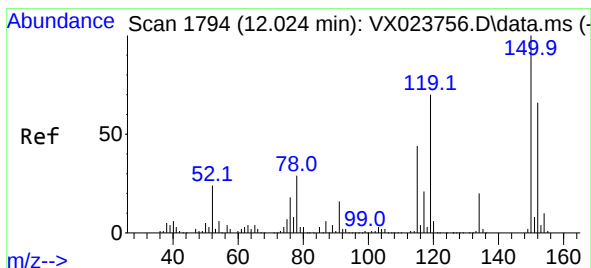
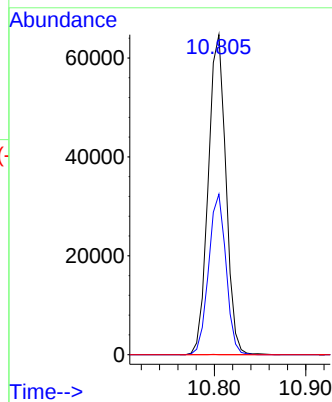
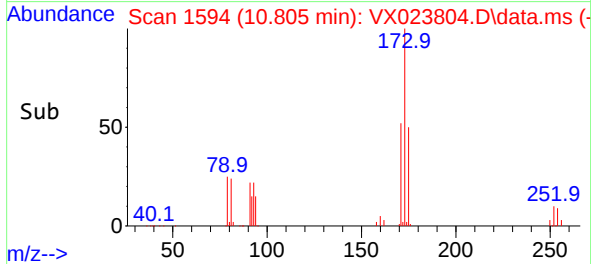




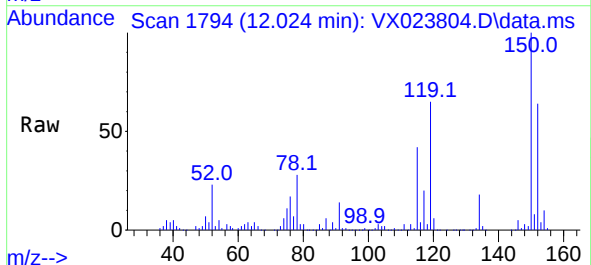
#71
Bromoform
Concen: 48.414 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



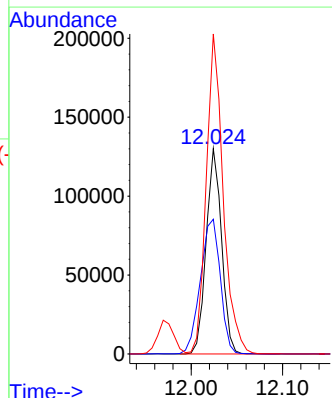
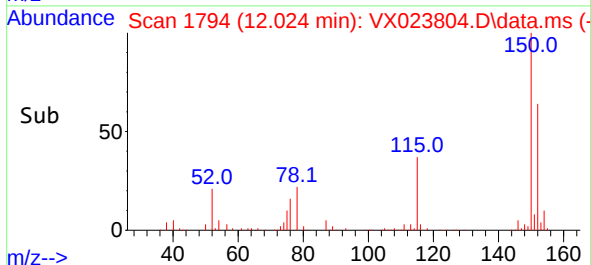
Tgt Ion:173 Resp: 86661
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



Tgt Ion:152 Resp: 151719
Ion Ratio Lower Upper
152 100
115 84.7 41.1 123.3
150 171.6 0.0 349.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#73
Isopropylbenzene
Concen: 48.394 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

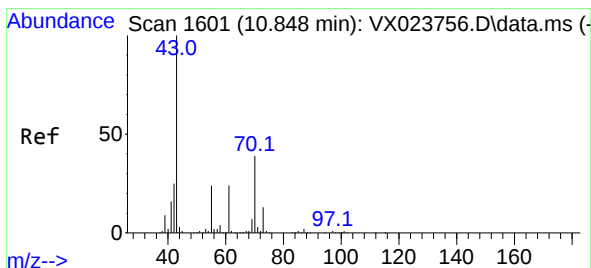
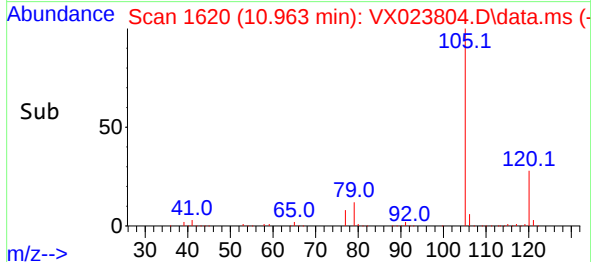
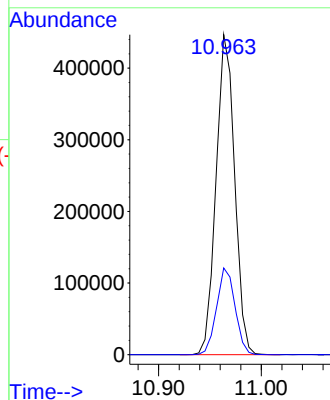
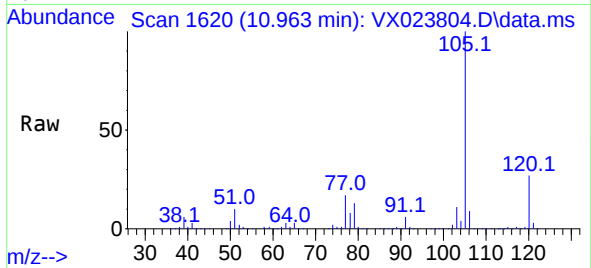
Tgt Ion: 105 Resp: 560036
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

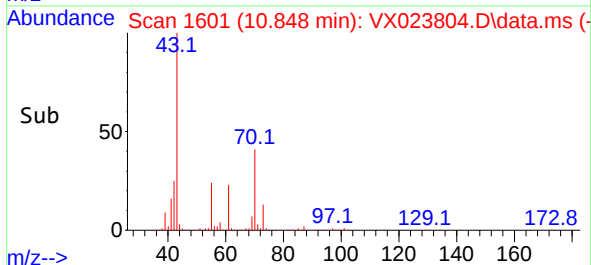
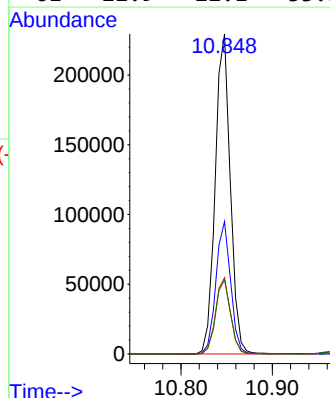
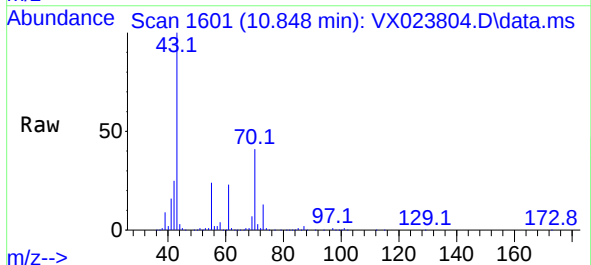
MMDadoda

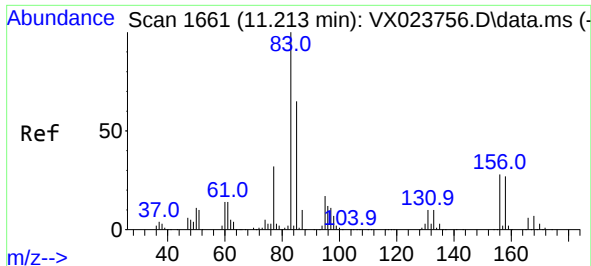
8/19/2021 5:29:03 PM



#74
N-ethyl acetate
Concen: 50.271 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 43 Resp: 262906
Ion Ratio Lower Upper
43 100
70 40.4 39.0 58.6
55 23.6 21.5 32.3
61 22.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 47.642 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

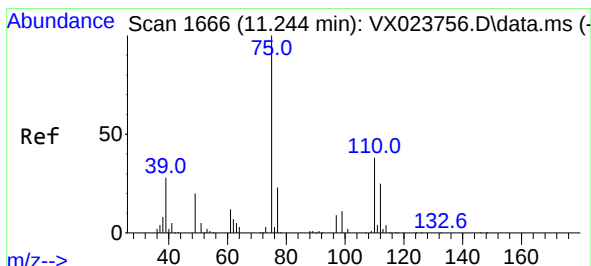
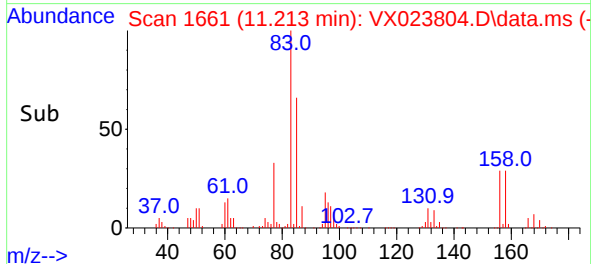
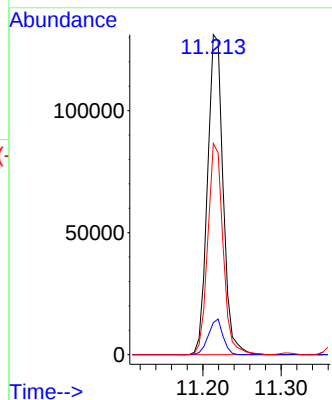
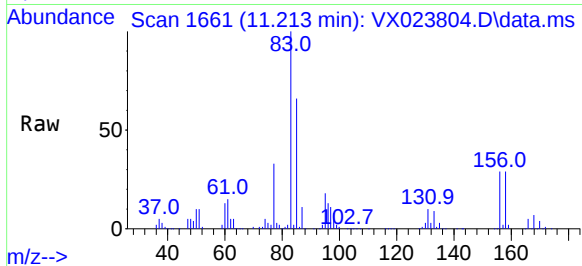
Tgt Ion: 83 Resp: 180686
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 64.5 31.8 95.4

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Manual Integrations
APPROVED

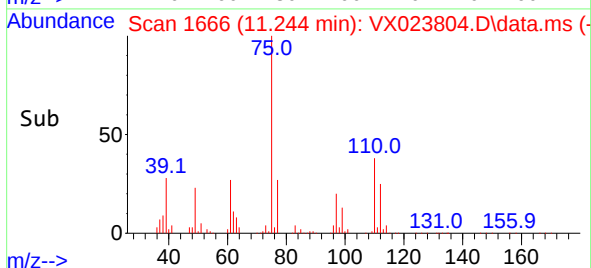
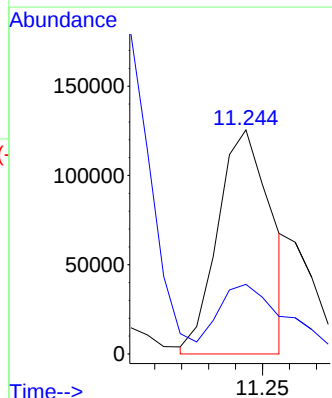
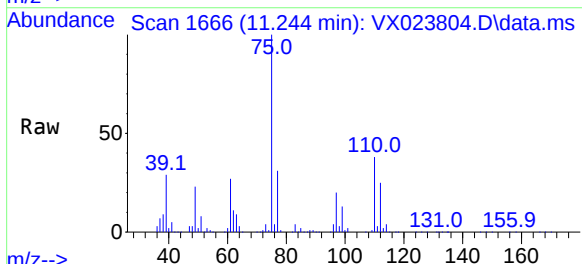
MMDadoda

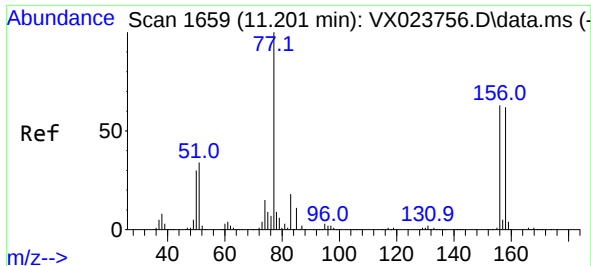
8/19/2021 5:29:03 PM



#76
1,2,3-Trichloropropane
Concen: 48.481 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 75 Resp: 171585
Ion Ratio Lower Upper
75 100
77 40.1 19.1 57.5





#77
Bromobenzene
Concen: 49.079 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

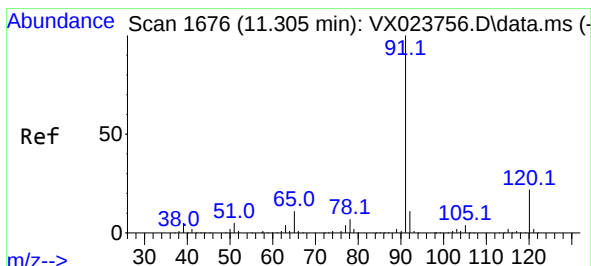
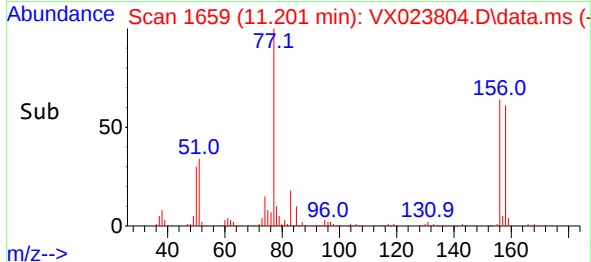
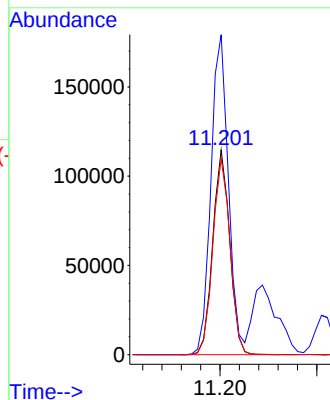
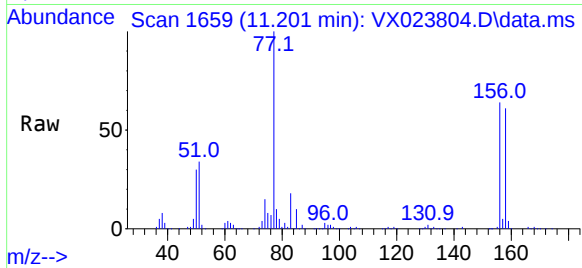
Tgt Ion: 156 Resp: 139889
Ion Ratio Lower Upper
156 100
77 160.5 82.8 248.6
158 96.8 49.1 147.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

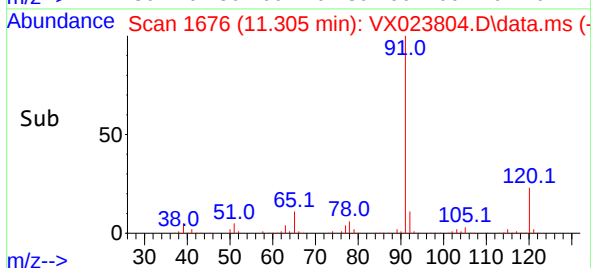
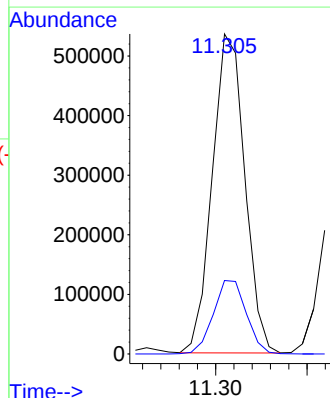
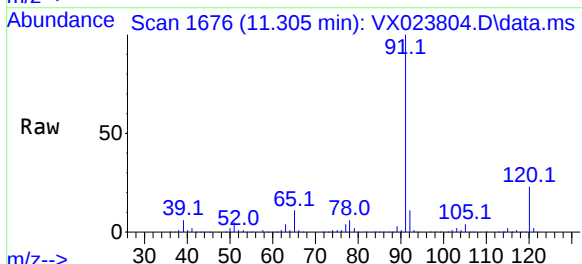
MMDadoda

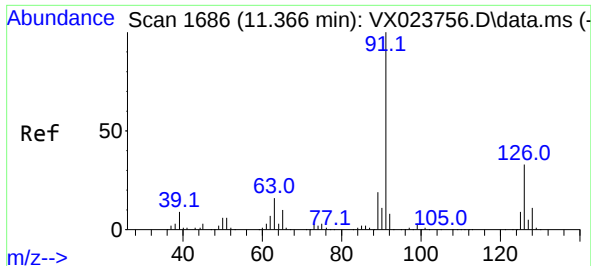
8/19/2021 5:29:03 PM



#78
n-propylbenzene
Concen: 50.015 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 91 Resp: 661997
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5





#79
2-Chlorotoluene
Concen: 49.153 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

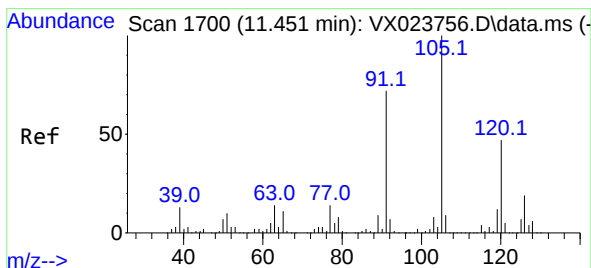
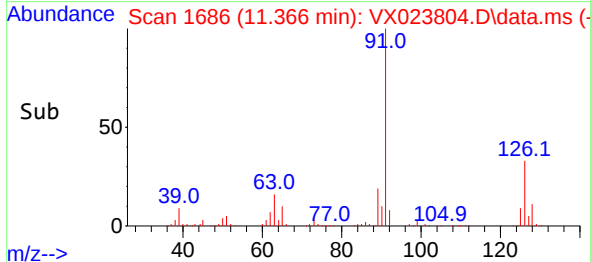
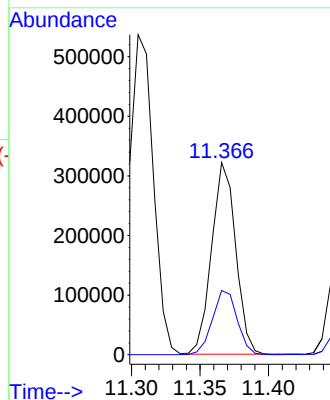
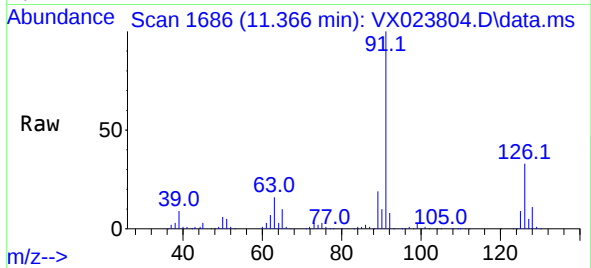
Tgt Ion: 91 Resp: 393226
Ion Ratio Lower Upper
91 100
126 34.5 16.6 49.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

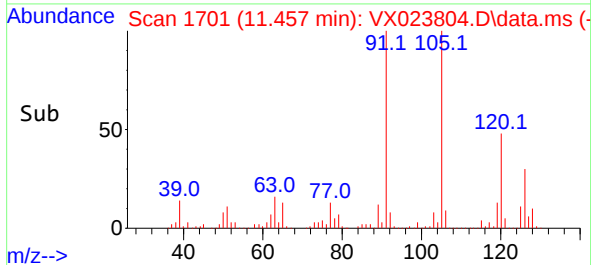
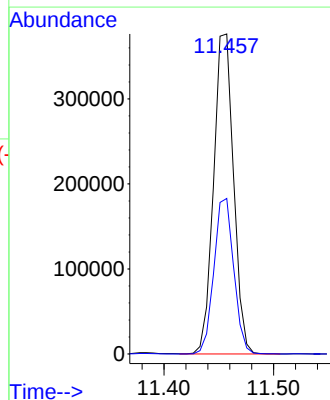
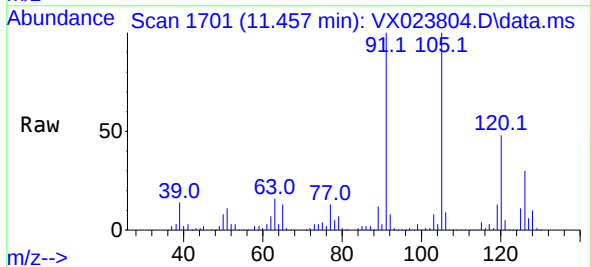
MMDadoda

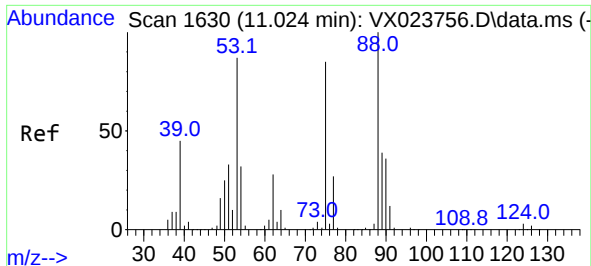
8/19/2021 5:29:03 PM



#80
1,3,5-Trimethylbenzene
Concen: 50.173 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

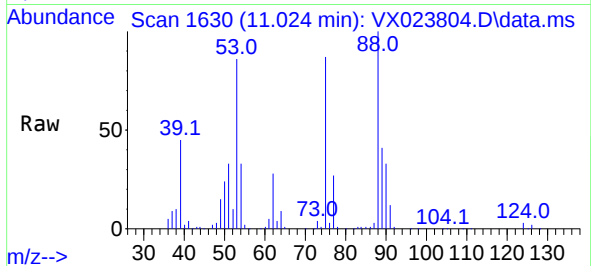
Tgt Ion: 105 Resp: 477145
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 50.661 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

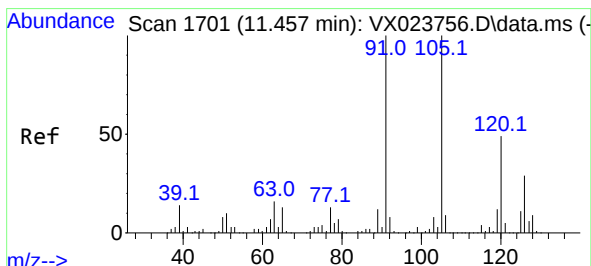
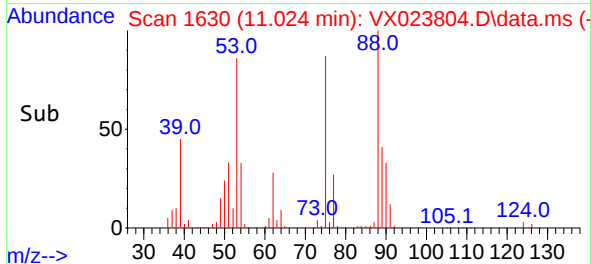
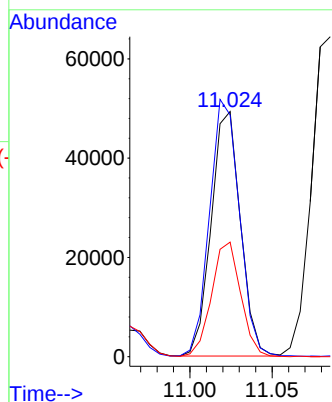


Tgt Ion: 75 Resp: 60954
Ion Ratio Lower Upper
75 100
53 107.5 74.5 111.7
89 46.8 37.9 56.9

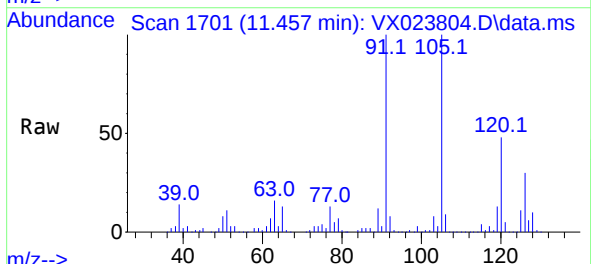
Manual Integrations
APPROVED

MMDadoda

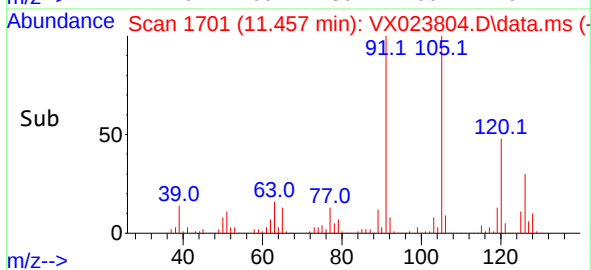
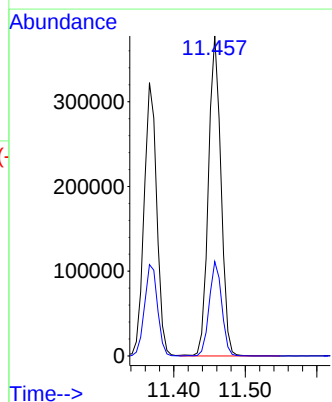
8/19/2021 5:29:03 PM

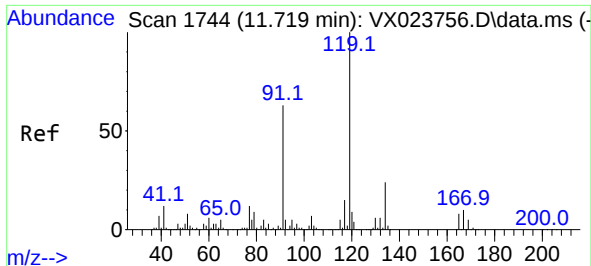


#82
4-Chlorotoluene
Concen: 50.498 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

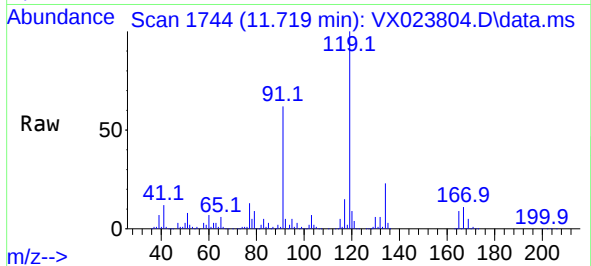


Tgt Ion: 91 Resp: 458555
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.5

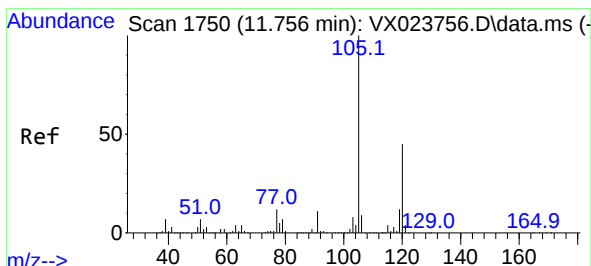
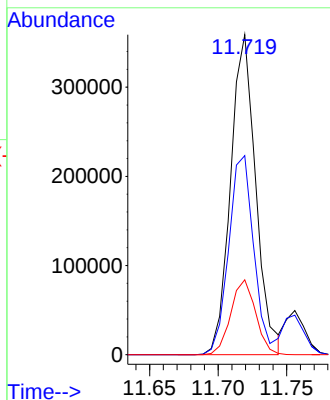
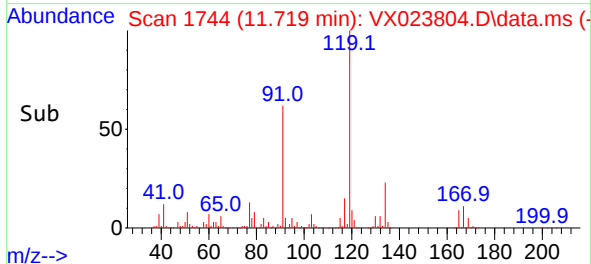




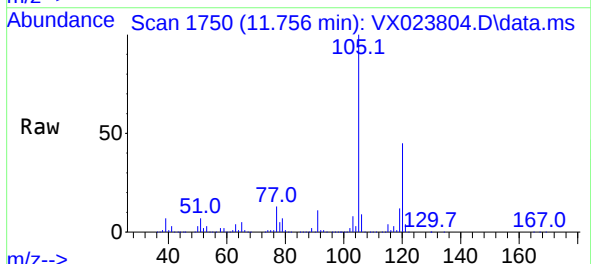
#83
tert-Butylbenzene
Concen: 49.699 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



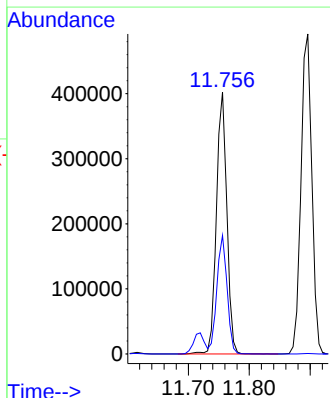
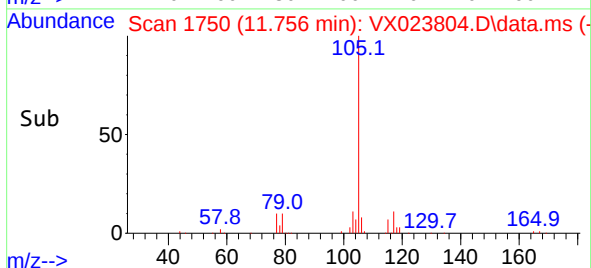
Tgt Ion:119 Resp: 459037
Ion Ratio Lower Upper
119 100
91 61.6 27.9 83.7
134 23.1 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 50.478 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



Tgt Ion:105 Resp: 478646
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3

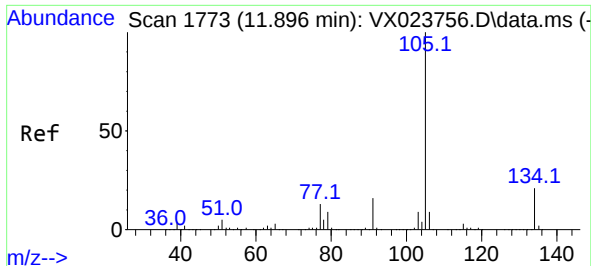


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM



#85
 sec-Butylbenzene
 Concen: 51.787 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX023804.D
 Acq: 18 Aug 2021 09:59

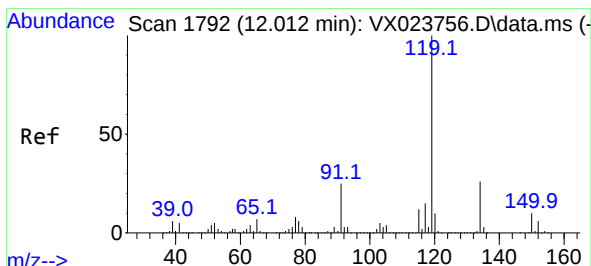
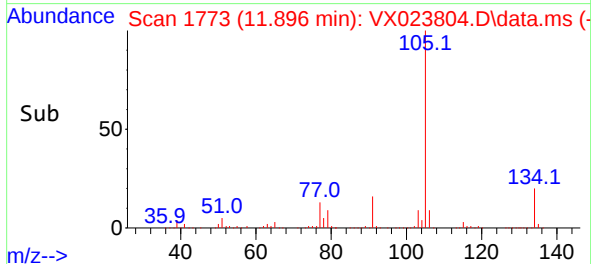
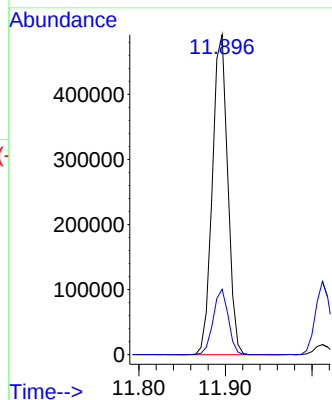
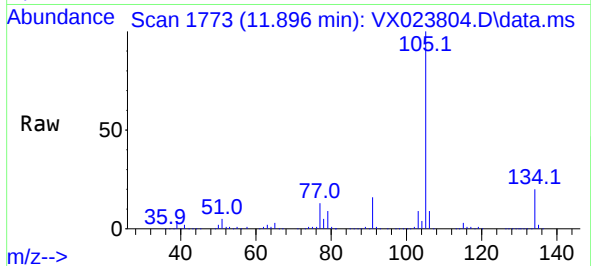
Tgt Ion:105 Resp: 605586
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

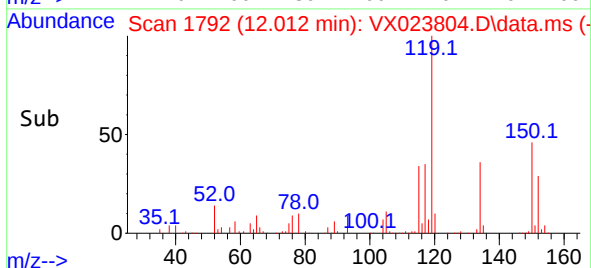
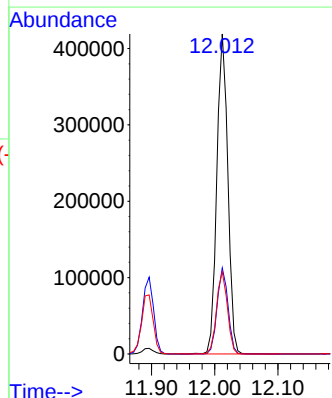
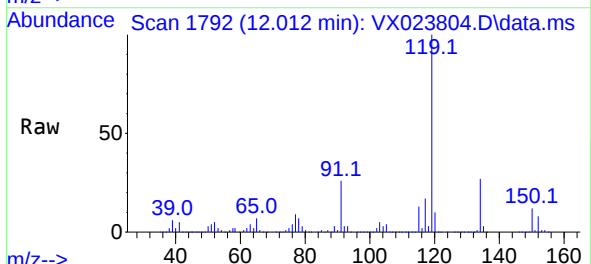
MMDadoda

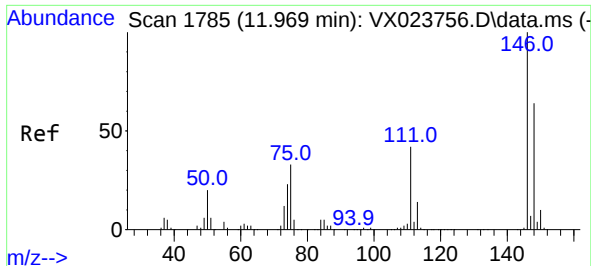
8/19/2021 5:29:03 PM



#86
 p-Isopropyltoluene
 Concen: 52.411 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX023804.D
 Acq: 18 Aug 2021 09:59

Tgt Ion:119 Resp: 504414
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 25.4 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 50.279 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

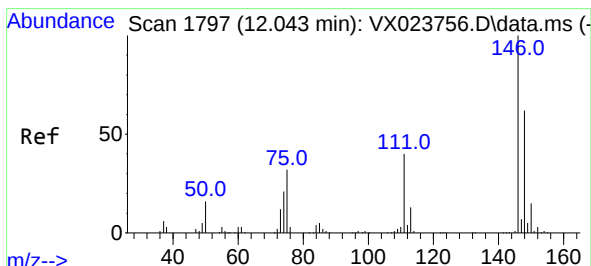
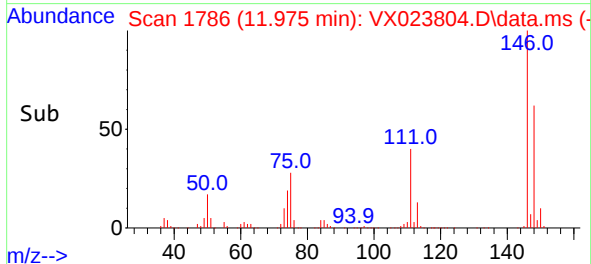
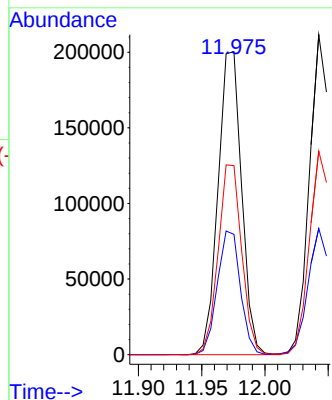
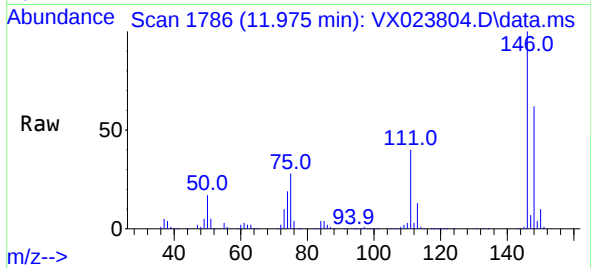
Tgt Ion:146 Resp: 259276
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.5
148 62.7 31.9 95.7

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Manual Integrations
APPROVED

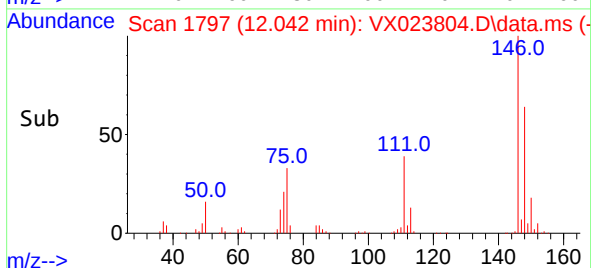
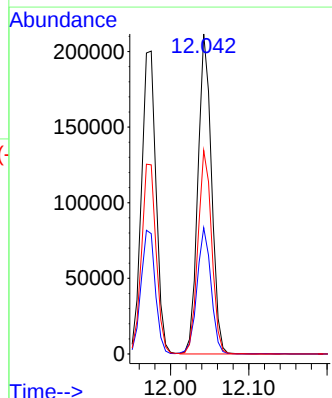
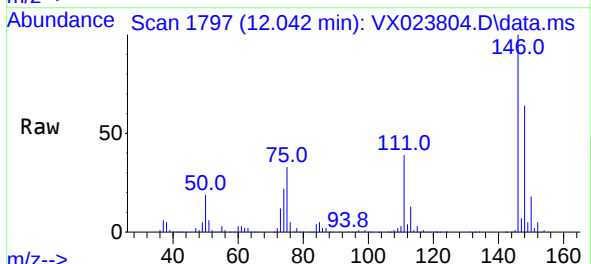
MMDadoda

8/19/2021 5:29:03 PM



#88
1,4-Dichlorobenzene
Concen: 49.656 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion:146 Resp: 255389
Ion Ratio Lower Upper
146 100
111 40.4 19.6 58.8
148 64.2 31.6 95.0





#89
n-Butylbenzene
Concen: 52.838 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 91 Resp: 454047

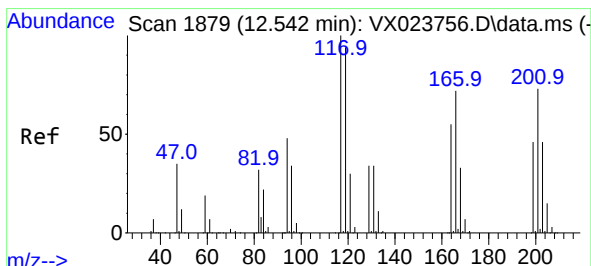
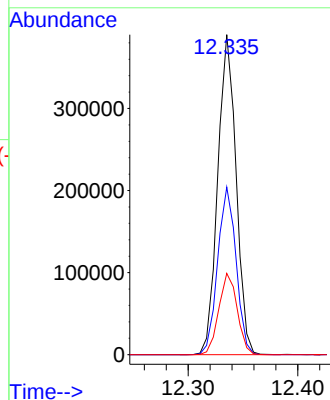
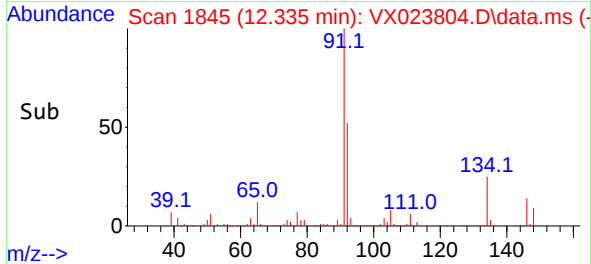
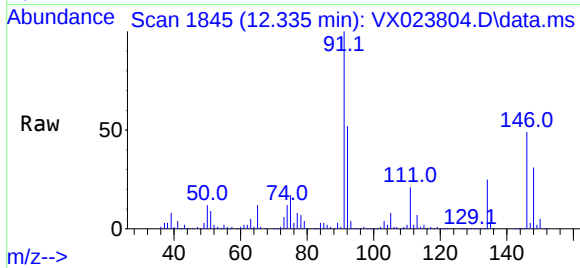
Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.4	82.0
134	25.5	13.2	39.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

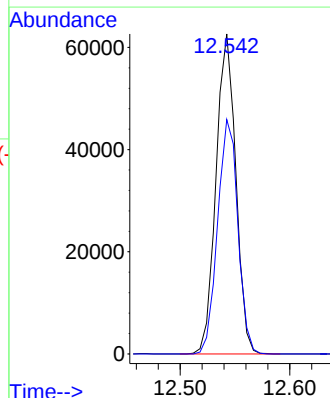
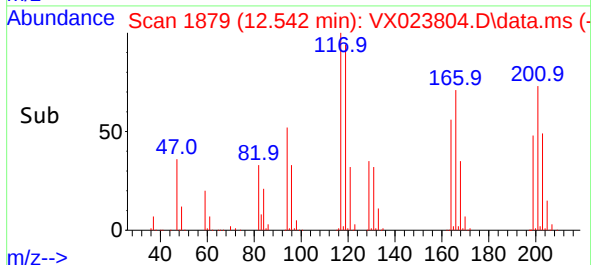
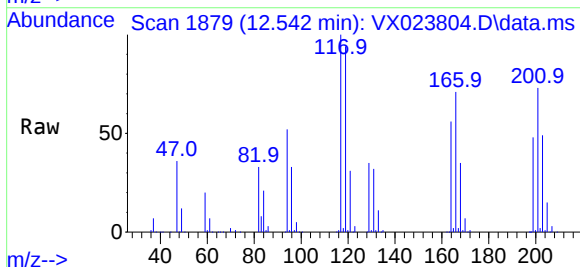
8/19/2021 5:29:03 PM



#90
Hexachloroethane
Concen: 46.905 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 117 Resp: 78532

Ion	Ratio	Lower	Upper
117	100		
201	75.1	40.4	121.2





#91
1,2-Dichlorobenzene
Concen: 49.017 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

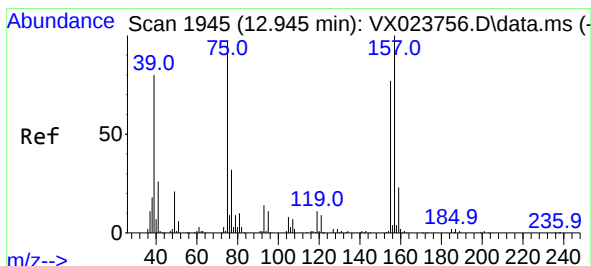
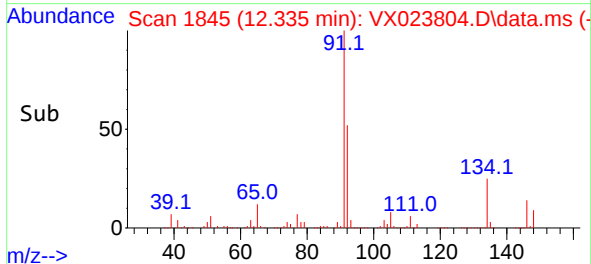
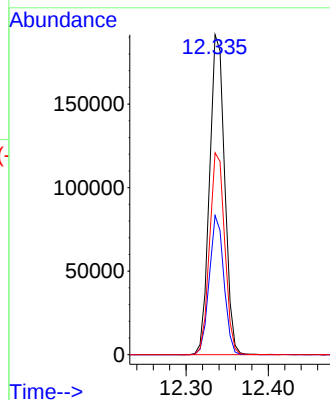
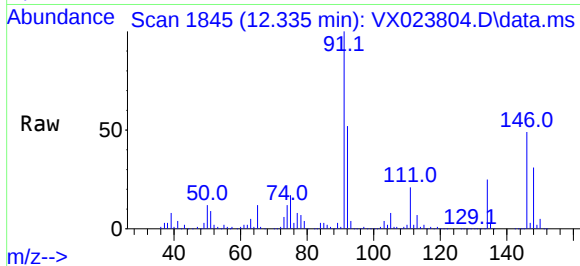
Tgt Ion: 146 Resp: 244880
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.2
148 63.2 31.9 95.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

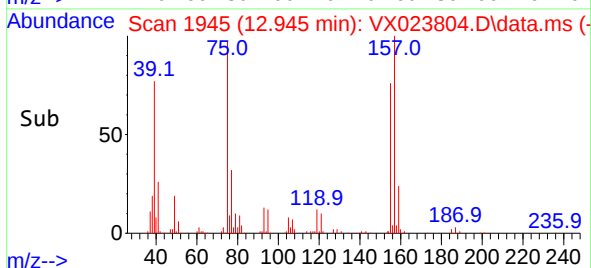
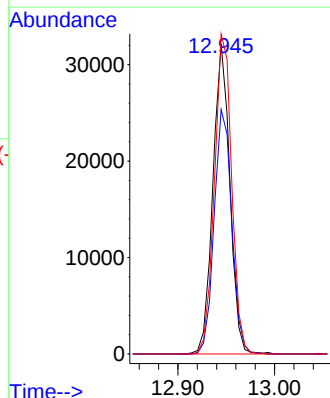
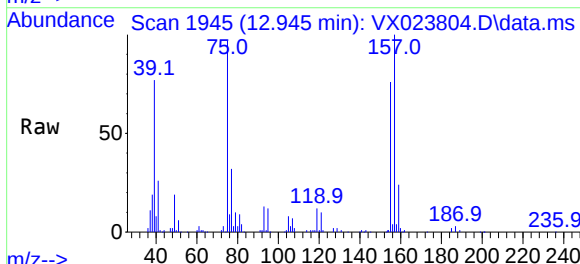
MMDadoda

8/19/2021 5:29:03 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.273 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion: 75 Resp: 39139
Ion Ratio Lower Upper
75 100
155 81.7 45.3 135.9
157 105.0 57.7 173.1





#93
1,2,4-Trichlorobenzene
Concen: 50.752 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

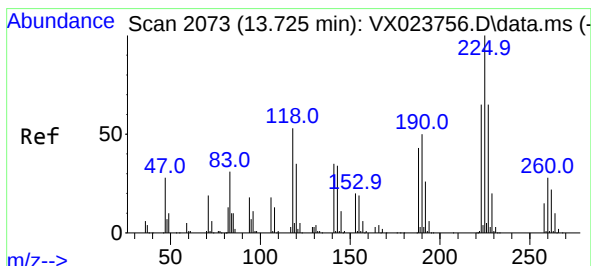
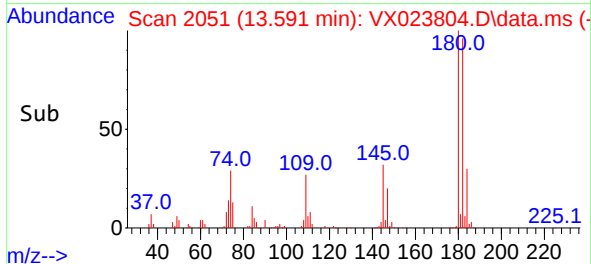
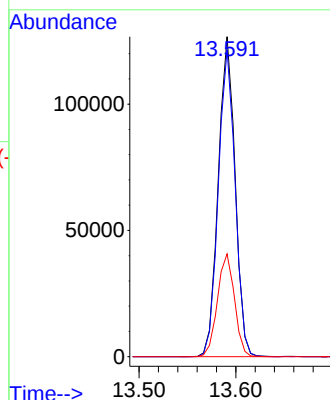
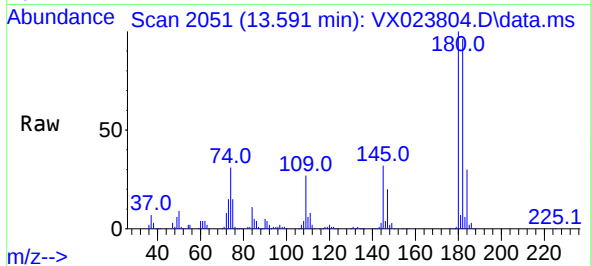
Tgt Ion:180 Resp: 152598
Ion Ratio Lower Upper
180 100
182 95.8 47.7 143.1
145 32.6 15.0 45.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

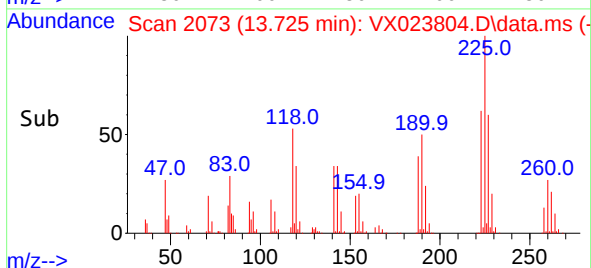
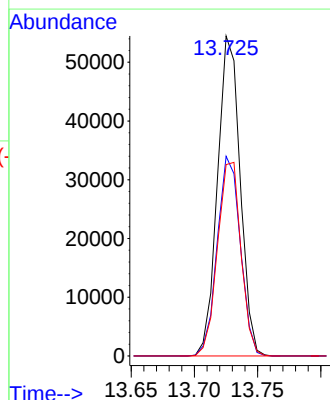
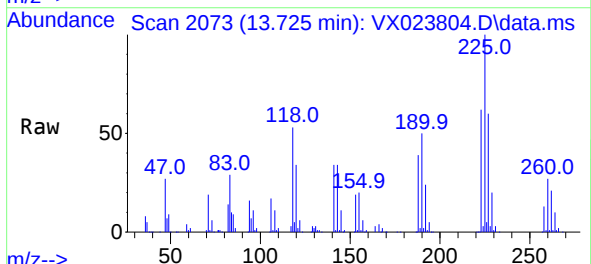
MMDadoda

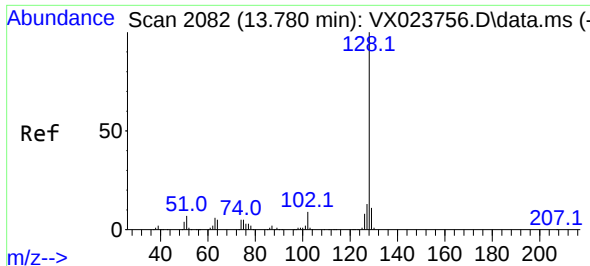
8/19/2021 5:29:03 PM



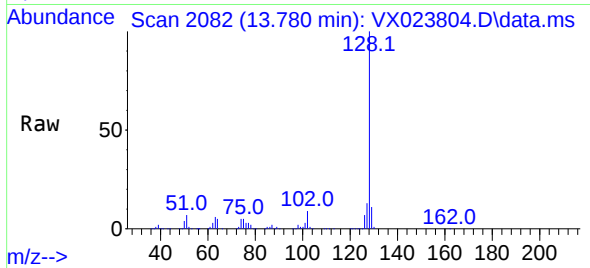
#94
Hexachlorobutadiene
Concen: 50.524 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59

Tgt Ion:225 Resp: 67709
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.2
227 62.6 31.6 95.0

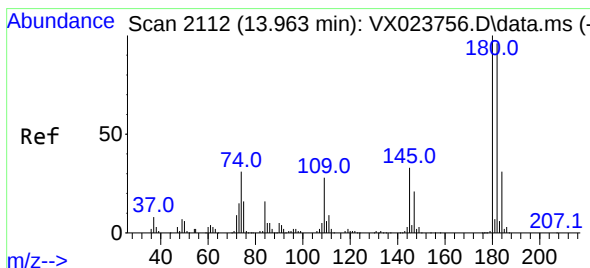
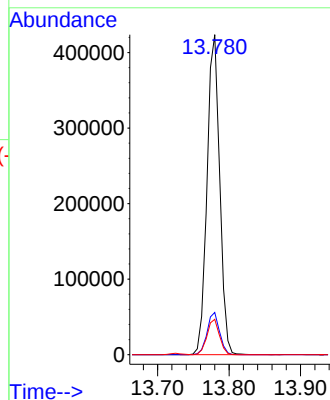
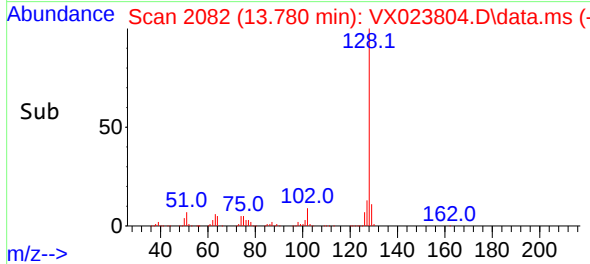




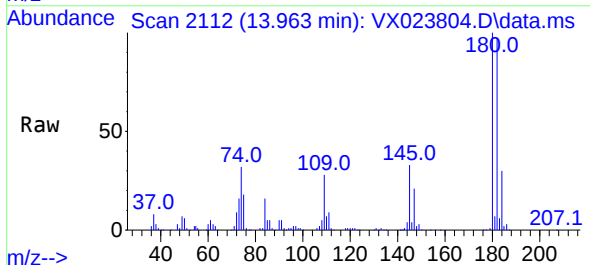
#95
Naphthalene
Concen: 46.988 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



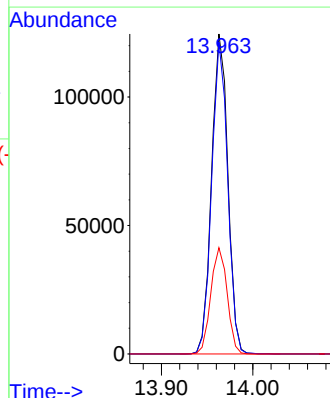
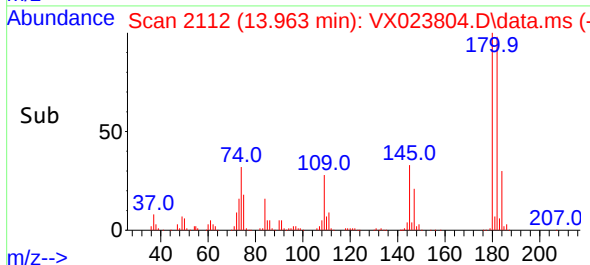
Tgt Ion:128 Resp: 520561
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.289 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX023804.D
Acq: 18 Aug 2021 09:59



Tgt Ion:180 Resp: 153584
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 33.3 16.1 48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

8/19/2021 5:29:03 PM