

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021936.D
 Acq On : 12 May 2021 18:57
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:07:19 PM

Quant Time: May 13 06:00:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 05:56:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	19053	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	108648	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	96339	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	44351	30.22	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.73%			
60) 4-Bromofluorobenzene	11.085	95	47906	29.96	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.87%			
63) Toluene-d8	8.653	98	130957	29.75	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.17%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	118562	105.41	ug/l	94
3) Chloromethane	1.294	50	136989	101.40	ug/l	100
4) Vinyl Chloride	1.373	62	149193	106.33	ug/l	99
5) Bromomethane	1.605	94	66087	83.69	ug/l	99
6) Chloroethane	1.678	64	93682	103.71	ug/l	98
7) Trichlorofluoromethane	1.885	101	205213	104.67	ug/l	98
8) Diethyl Ether	2.135	74	87074	103.55	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	115913	103.10	ug/l	99
10) 1,1-Dichloroethene	2.318	96	115283	101.80	ug/l	93
11) Methyl Iodide	2.452	142	144227	128.06	ug/l	96
12) Methyl Acetate	2.709	43	163756	104.57	ug/l	100
13) Acrolein	2.239	56	143355	590.31	ug/l	99
14) Acrylonitrile	3.068	53	331769	519.25	ug/l	97
15) Acetone	2.385	58	97215	509.65	ug/l	92
16) Carbon Disulfide	2.513	76	328652	106.08	ug/l	97
17) Allyl chloride	2.666	41	209410	104.91	ug/l	98
18) Methylene Chloride	2.794	84	133158	98.91	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	127865	103.89	ug/l	97
20) Diisopropyl ether	3.769	45	398597	105.94	ug/l	97
21) 1,1-Dichloroethane	3.617	63	233484	103.61	ug/l	99
22) cis-1,2-Dichloroethene	4.501	96	152091	105.16	ug/l	98
23) tert-Butyl Alcohol	2.989	59	159855	514.66	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	381711	103.52	ug/l	100
25) Chloroform	5.104	83	240177	105.15	ug/l	100
26) Cyclohexane	5.476	56	193163	103.89	ug/l #	100
29) 1,1-Dichloropropene	5.702	75	181399	106.68	ug/l	99
30) 2-Butanone	4.568	43	510181	530.04	ug/l	100
31) 2,2-Dichloropropane	4.483	77	204920	102.56	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	212600	105.97	ug/l	98
33) Carbon Tetrachloride	5.690	117	181838	106.79	ug/l	96
34) Benzene	6.049	78	543439	104.74	ug/l #	95
35) Methacrylonitrile	4.928	41	111135	107.86	ug/l	96
36) 1,2-Dichloroethane	6.098	62	188388	106.36	ug/l #	89
37) Trichloroethene	7.128	130	137547	105.49	ug/l	99
38) Methylcyclohexane	7.385	83	205739	106.58	ug/l	98
39) 1,2-Dichloropropane	7.439	63	140213	108.24	ug/l	99
40) Dibromomethane	7.586	93	93496	103.71	ug/l	99
41) Bromodichloromethane	7.830	83	193425	107.48	ug/l	99
42) Vinyl Acetate	3.733	43	1972954	548.87	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021936.D
 Acq On : 12 May 2021 18:57
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:07:19 PM

Quant Time: May 13 06:00:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 05:56:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	203428	120.53	ug/l	98
44) Isopropyl Acetate	6.348	43	345381	107.06	ug/l	98
45) 1,4-Dioxane	7.671	88	61669	2141.11	ug/l #	100
46) Methyl methacrylate	7.702	41	161242	107.81	ug/l	94
47) n-amyl Acetate	10.847	43	304342	113.42	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	223734	110.74	ug/l	97
49) cis-1,3-Dichloropropene	8.372	75	238880	110.17	ug/l	98
50) 1,1,2-Trichloroethane	9.159	97	136929	106.73	ug/l	96
51) Ethyl methacrylate	9.122	69	224114	108.31	ug/l	97
52) 1,3-Dichloropropane	9.311	76	233724	104.48	ug/l	100
53) Dibromochloromethane	9.524	129	142319	110.40	ug/l	100
54) 1,2-Dibromoethane	9.616	107	141226	107.18	ug/l	99
55) 2-Chloroethyl vinyl ether	8.250	63	583799	534.55	ug/l	99
56) Bromoform	10.805	173	91414	111.78	ug/l	98
58) 4-Methyl-2-Pentanone	8.579	43	1027477	528.88	ug/l	99
59) 2-Hexanone	9.439	43	771978	536.54	ug/l	99
61) Tetrachloroethene	9.281	164	110129	100.78	ug/l	87
62) Toluene	8.726	91	576497	104.51	ug/l	100
64) Chlorobenzene	10.085	112	345670	104.80	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.164	131	128250	106.54	ug/l	99
66) Ethyl Benzene	10.201	91	646520	106.54	ug/l	99
67) m/p-Xylenes	10.305	106	487770	243.02	ug/l	98
68) o-Xylene	10.646	106	234130	104.52	ug/l	97
69) Styrene	10.658	104	403291	107.60	ug/l	98
70) Isopropylbenzene	10.969	105	616055	104.71	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.219	83	207425	106.93	ug/l	96
72) 1,2,3-Trichloropropane	11.244	75	179409m	78.84	ug/l	
73) Bromobenzene	11.201	156	129682	104.05	ug/l	96
74) n-propylbenzene	11.311	91	744564	108.57	ug/l	100
75) 2-Chlorotoluene	11.372	91	433078	106.63	ug/l	100
76) 1,3,5-Trimethylbenzene	11.457	105	531839	108.26	ug/l	99
77) t-1,4-Dichloro-2-butene	11.024	75	80668	115.75	ug/l	94
78) 4-Chlorotoluene	11.457	91	513006	109.73	ug/l	100
79) tert-butylbenzene	11.719	119	489871	104.27	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	526089	107.16	ug/l	99
81) sec-Butylbenzene	11.896	105	639665	108.33	ug/l	100
82) p-Isopropyltoluene	12.012	119	539597	109.01	ug/l	99
83) 1,3-Dichlorobenzene	11.975	146	254094	107.53	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	256821	108.35	ug/l	98
85) n-Butylbenzene	12.335	91	521594	114.96	ug/l	99
86) Hexachloroethane	12.542	117	92265	112.16	ug/l	97
87) 1,2-Dichlorobenzene	12.341	146	247574	108.16	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.944	75	49739	115.16	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	159305	113.62	ug/l	97
90) Hexachlorobutadiene	13.731	225	61711	113.76	ug/l	96
91) Naphthalene	13.780	128	626106	113.84	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	158326	113.74	ug/l	99

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

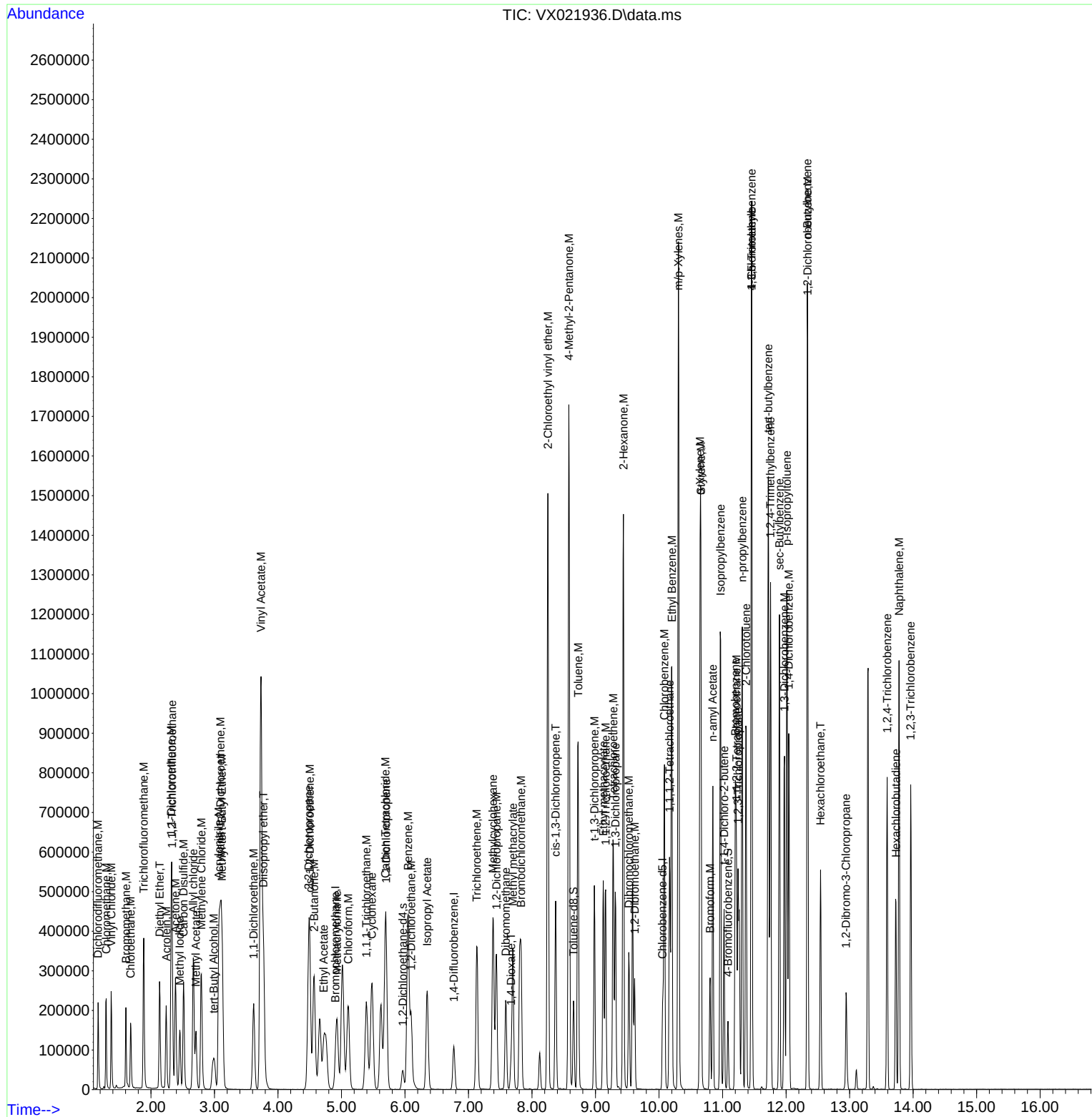
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
Data File : VX021936.D
Acq On : 12 May 2021 18:57
Operator : JC/MD
Sample : VSTDIC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

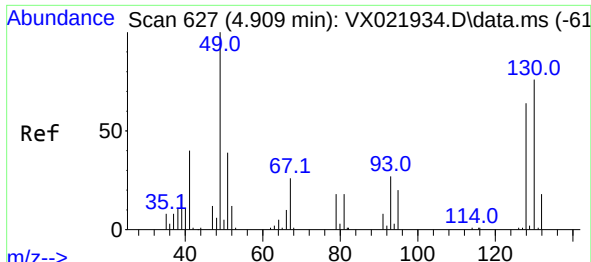
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

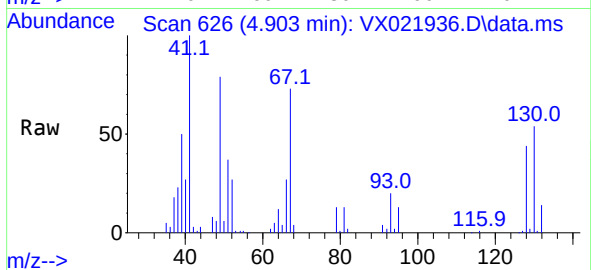
MMDadoda
5/13/2021 4:07:19 PM

Quant Time: May 13 06:00:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 13 05:56:15 2021
Response via : Initial Calibration

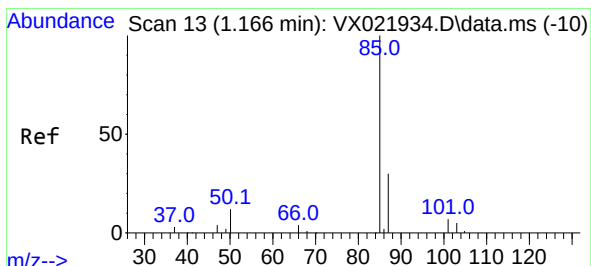
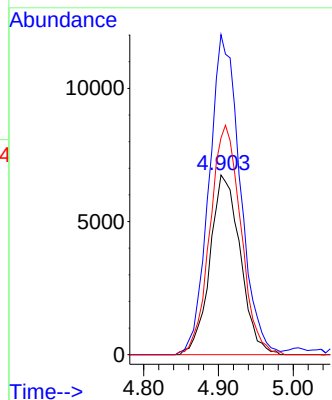
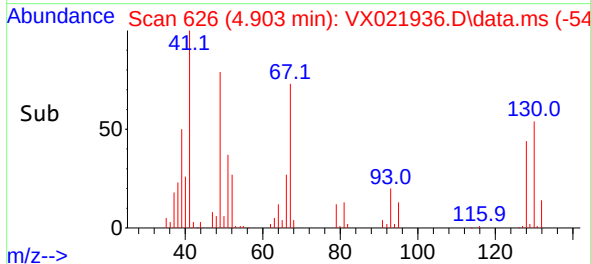




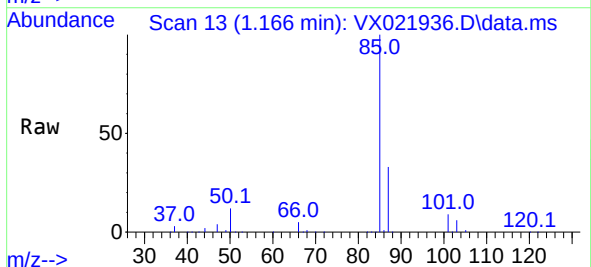
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



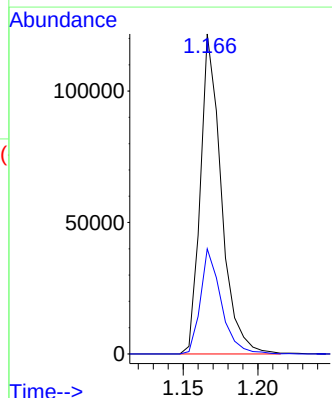
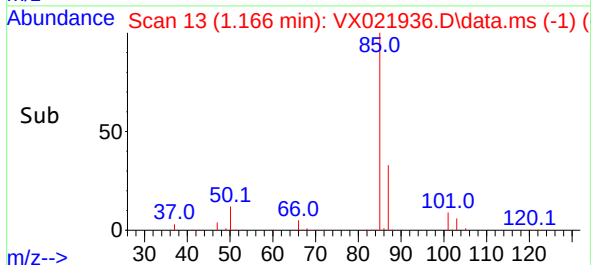
Tgt Ion: 128 Resp: 19053
Ion Ratio Lower Upper
128 100
49 182.9 0.0 442.5
130 129.7 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 105.41 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



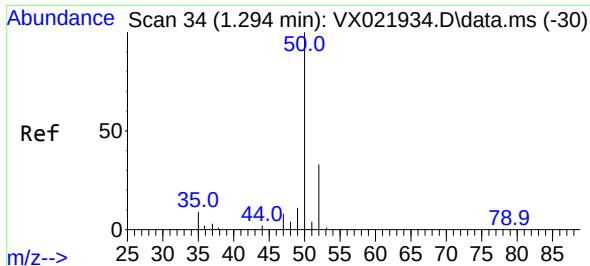
Tgt Ion: 85 Resp: 118562
Ion Ratio Lower Upper
85 100
87 32.8 14.9 44.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



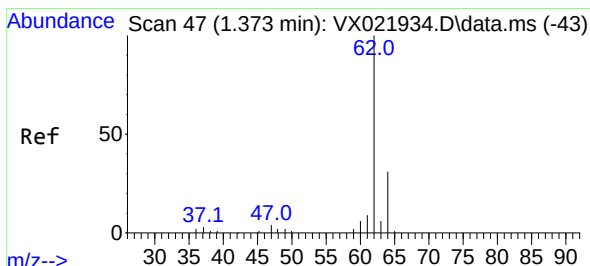
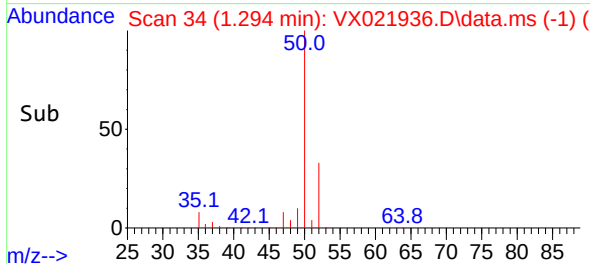
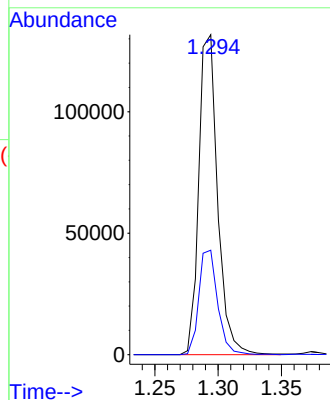
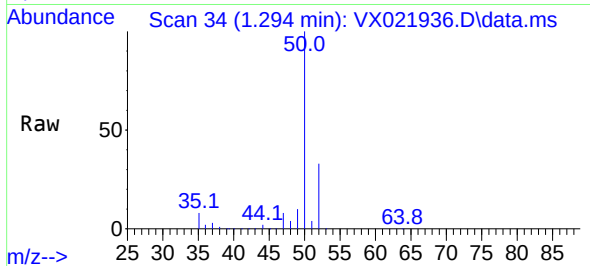
#3
Chloromethane
Concen: 101.40 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 50 Resp: 136989
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

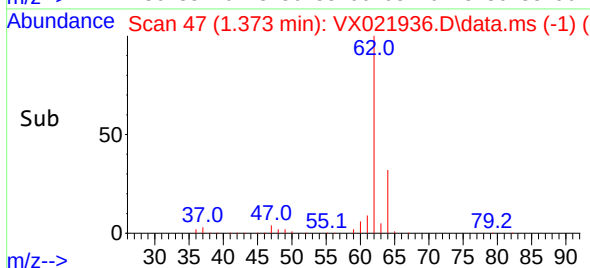
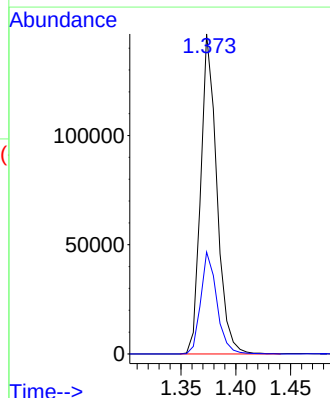
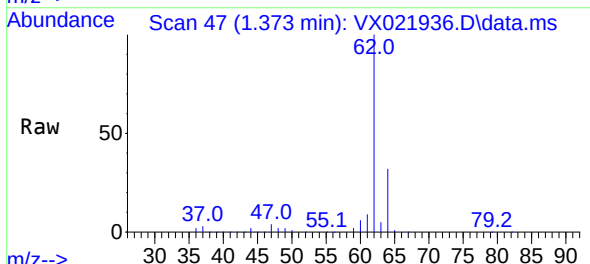
Manual Integrations
APPROVED

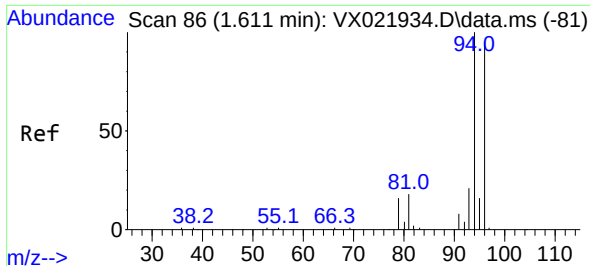
MMDadoda
5/13/2021 4:07:19 PM



#4
Vinyl Chloride
Concen: 106.33 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 62 Resp: 149193
Ion Ratio Lower Upper
62 100
64 31.8 24.9 37.3





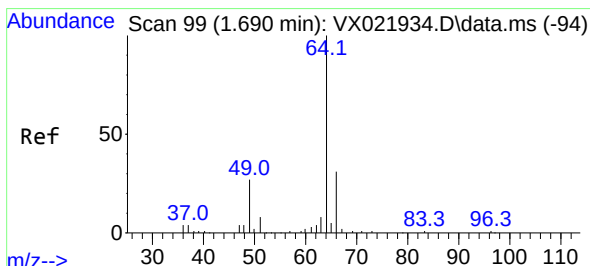
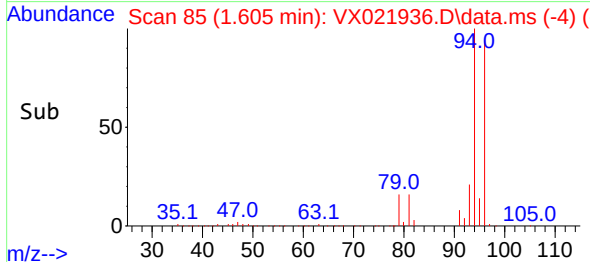
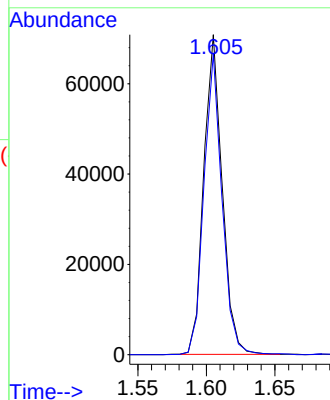
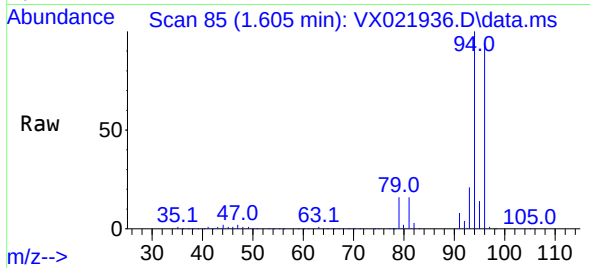
#5
Bromomethane
Concen: 83.69 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 94 Resp: 66087
Ion Ratio Lower Upper
94 100
96 94.2 76.1 114.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

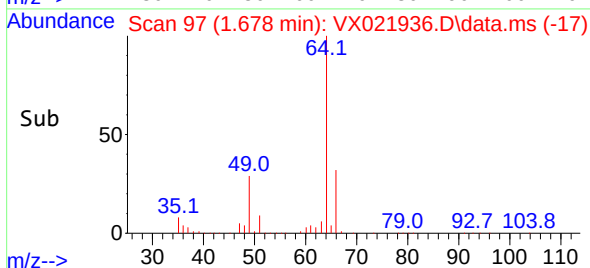
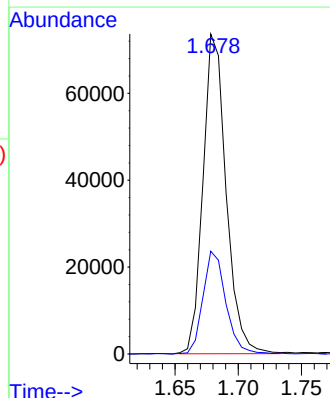
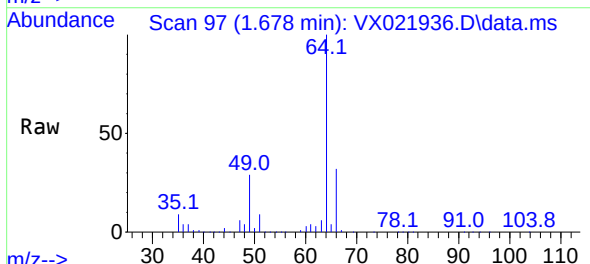
Manual Integrations
APPROVED

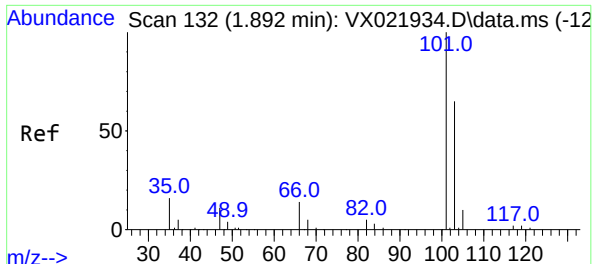
MMDadoda
5/13/2021 4:07:19 PM



#6
Chloroethane
Concen: 103.71 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 64 Resp: 93682
Ion Ratio Lower Upper
64 100
66 32.1 24.9 37.3





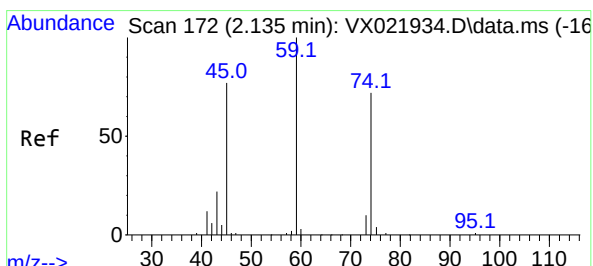
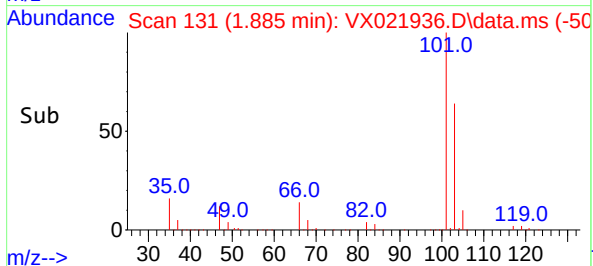
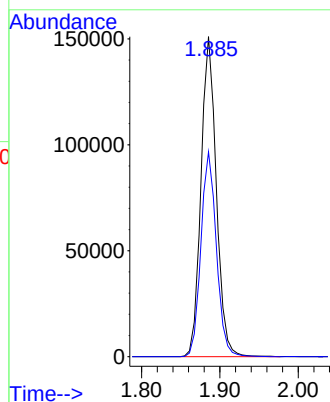
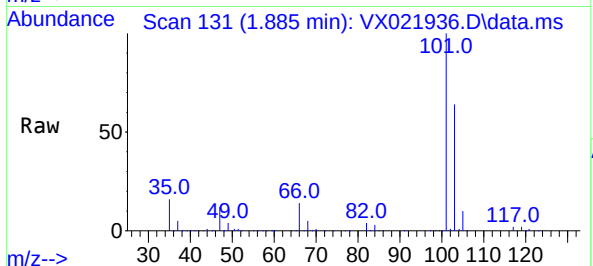
#7
Trichlorofluoromethane
Concen: 104.67 ug/l
RT: 1.885 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion:101 Resp: 205213
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

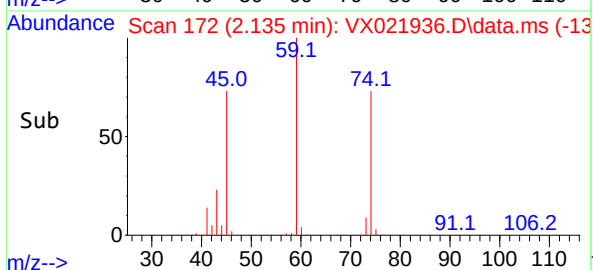
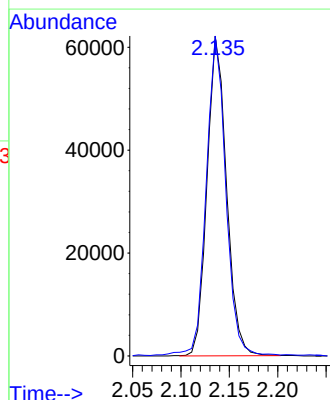
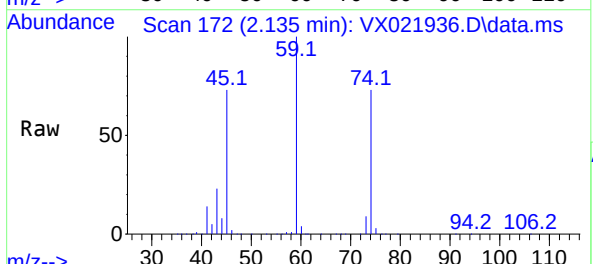
Manual Integrations
APPROVED

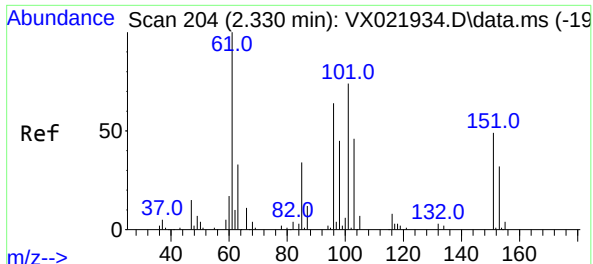
MMDadoda
5/13/2021 4:07:19 PM



#8
Diethyl Ether
Concen: 103.55 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 74 Resp: 87074
Ion Ratio Lower Upper
74 100
45 100.1 21.1 189.9





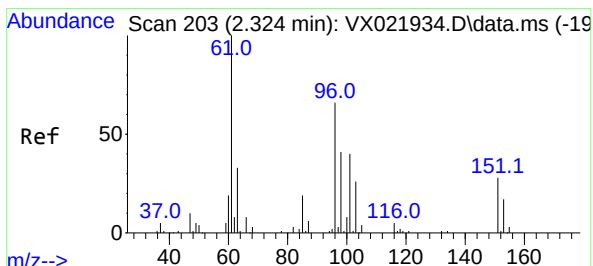
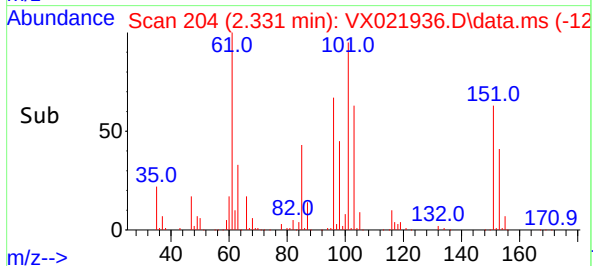
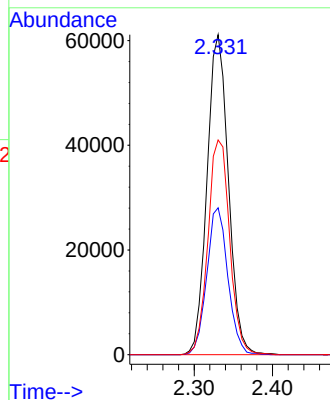
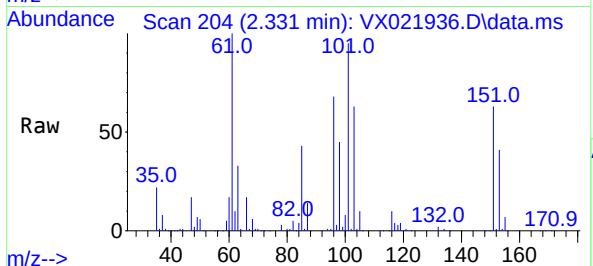
#9
1,1,2-Trichlorotrifluoroethane
Concen: 103.10 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion:101 Resp: 115913
Ion Ratio Lower Upper
101 100
85 45.4 0.0 93.0
151 68.4 0.0 136.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

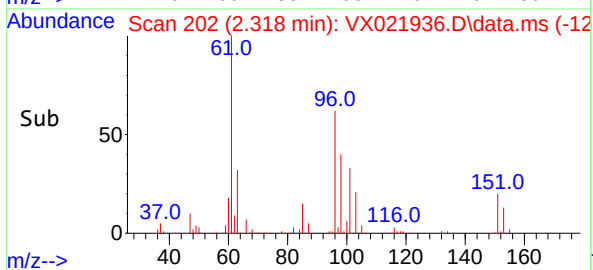
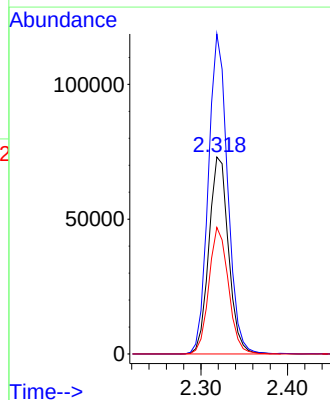
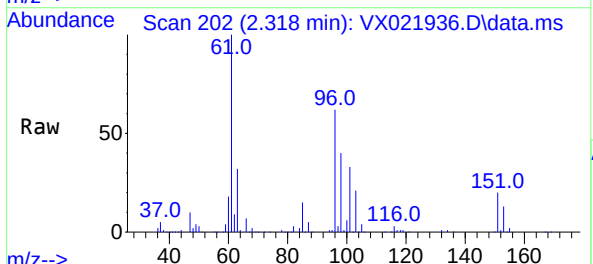
Manual Integrations
APPROVED

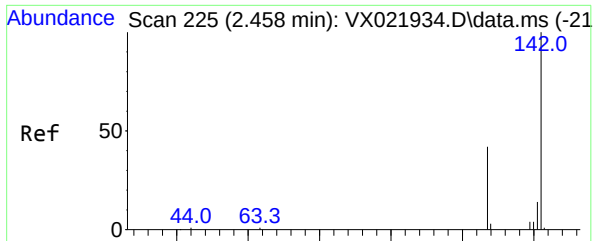
MMDadoda
5/13/2021 4:07:19 PM



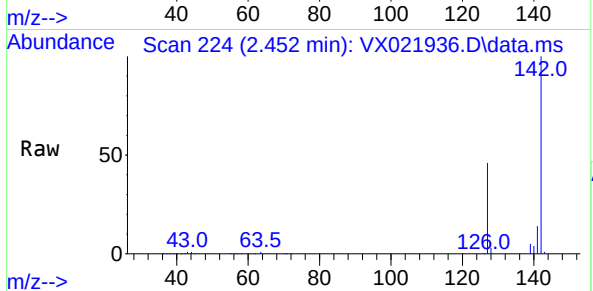
#10
1,1-Dichloroethene
Concen: 101.80 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 96 Resp: 115283
Ion Ratio Lower Upper
96 100
61 162.5 121.0 181.4
98 64.3 49.1 73.7

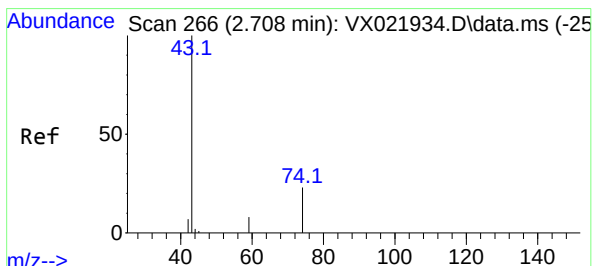
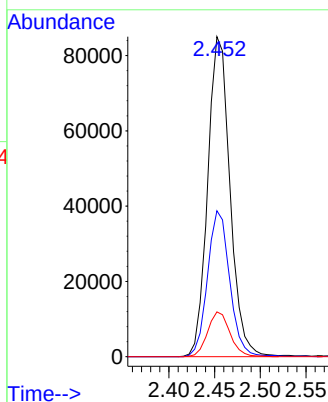
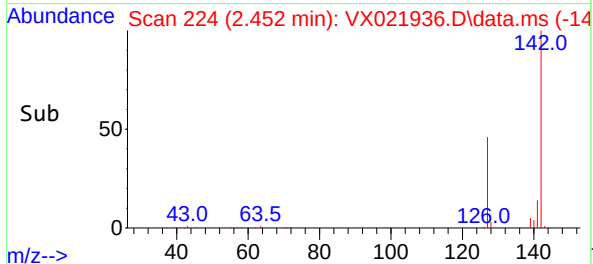




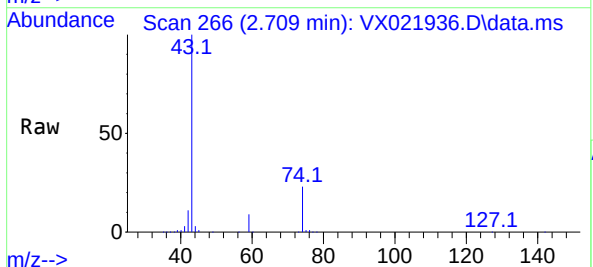
#11
Methyl Iodide
Concen: 128.06 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



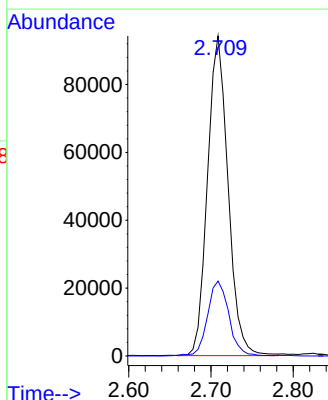
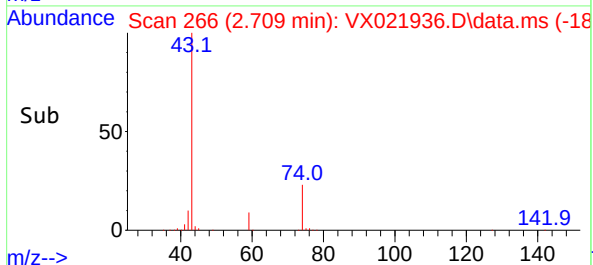
Tgt Ion:142 Resp: 144227
Ion Ratio Lower Upper
142 100
127 45.6 21.3 63.7
141 14.0 7.2 21.6



#12
Methyl Acetate
Concen: 104.57 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



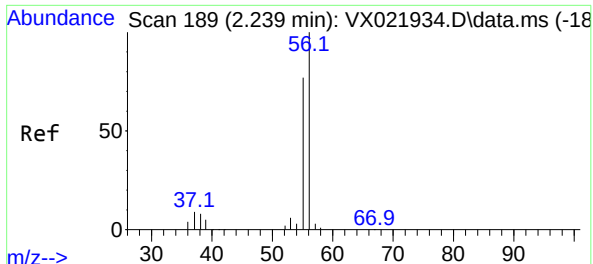
Tgt Ion: 43 Resp: 163756
Ion Ratio Lower Upper
43 100
74 23.2 18.5 27.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



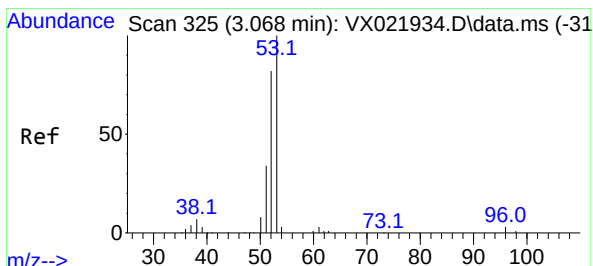
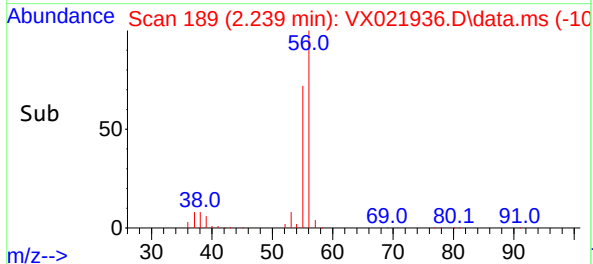
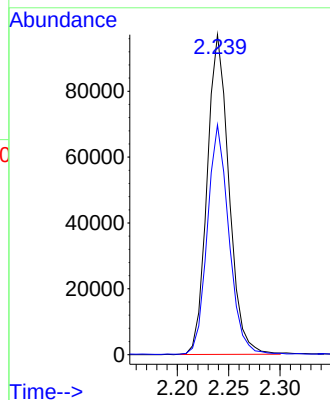
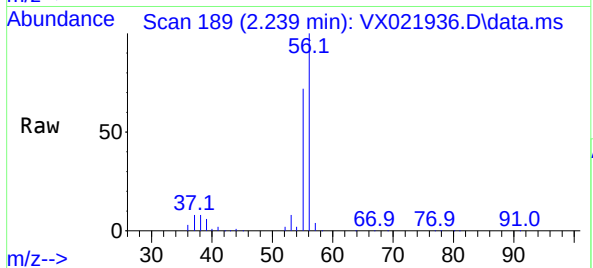
#13
Acrolein
Concen: 590.31 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 56 Resp: 143355
Ion Ratio Lower Upper
56 100
55 70.9 57.6 86.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

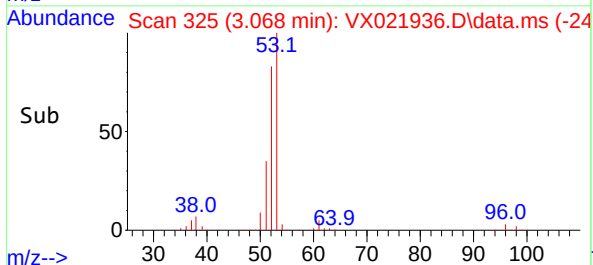
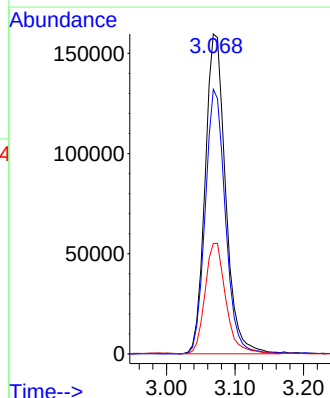
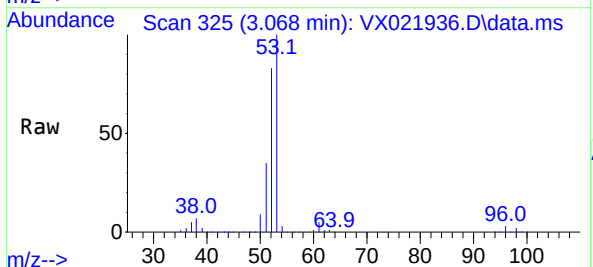
Manual Integrations
APPROVED

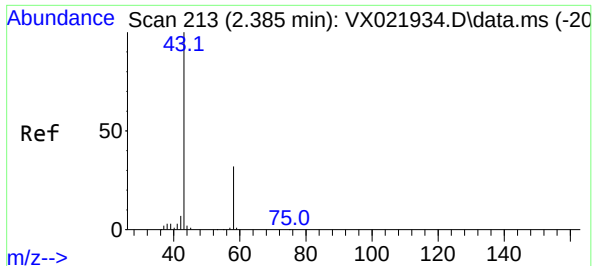
MMDadoda
5/13/2021 4:07:19 PM



#14
Acrylonitrile
Concen: 519.25 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 53 Resp: 331769
Ion Ratio Lower Upper
53 100
52 81.7 39.3 117.9
51 35.4 17.1 51.2





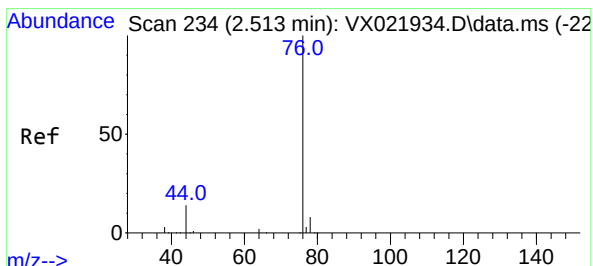
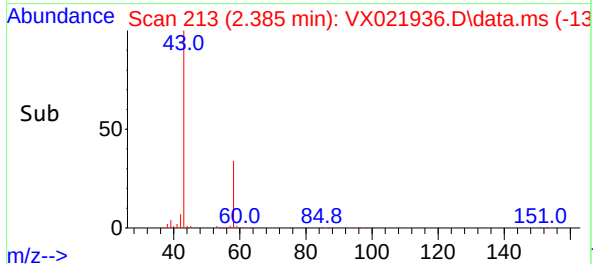
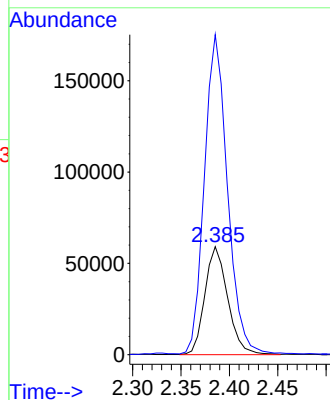
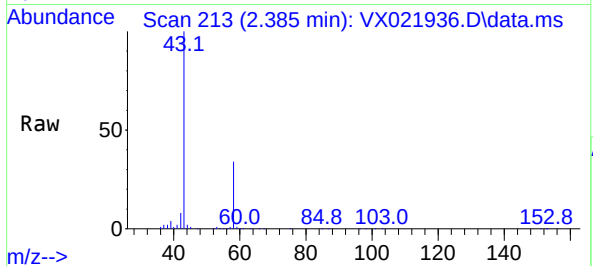
#15
Acetone
Concen: 509.65 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 58 Resp: 97215
Ion Ratio Lower Upper
58 100
43 296.1 249.5 374.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

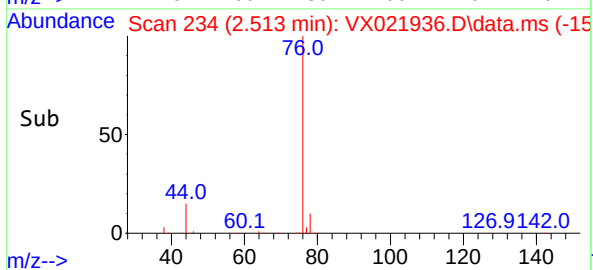
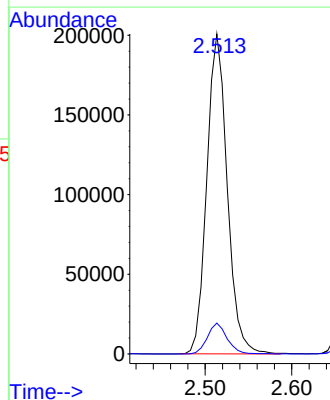
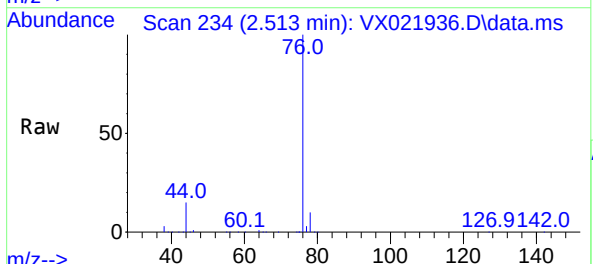
Manual Integrations
APPROVED

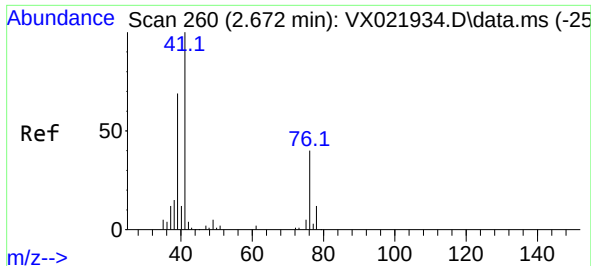
MMDadoda
5/13/2021 4:07:19 PM



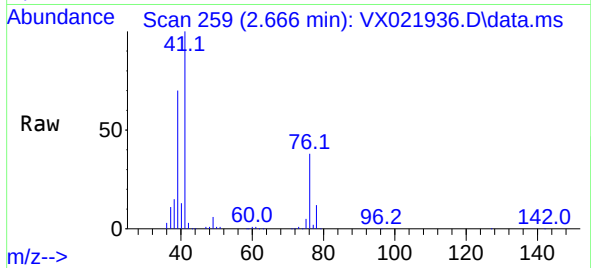
#16
Carbon Disulfide
Concen: 106.08 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 76 Resp: 328652
Ion Ratio Lower Upper
76 100
78 9.6 6.7 10.1

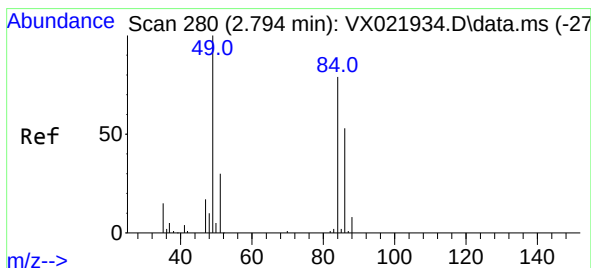
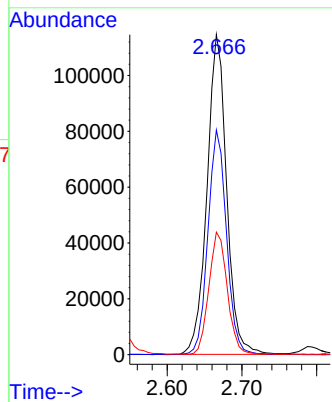
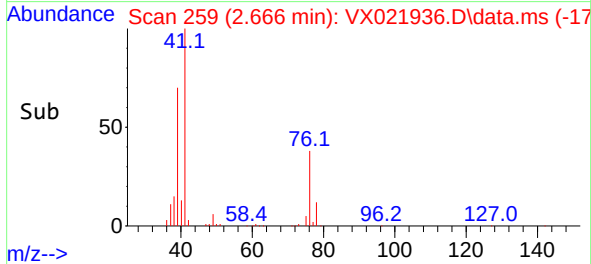




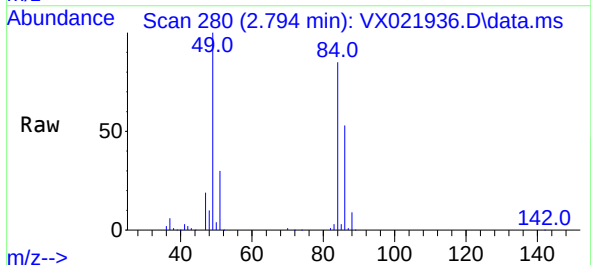
#17
Allyl chloride
Concen: 104.91 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



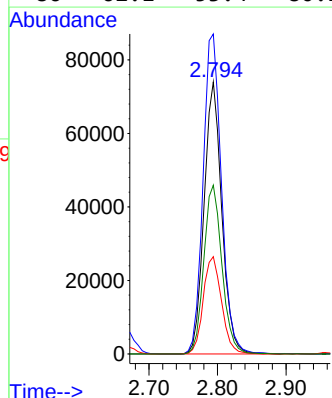
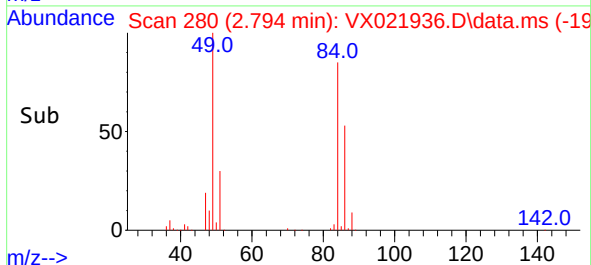
Tgt Ion: 41 Resp: 209410
Ion Ratio Lower Upper
41 100
39 70.1 34.5 103.5
76 38.3 19.8 59.3



#18
Methylene Chloride
Concen: 98.91 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



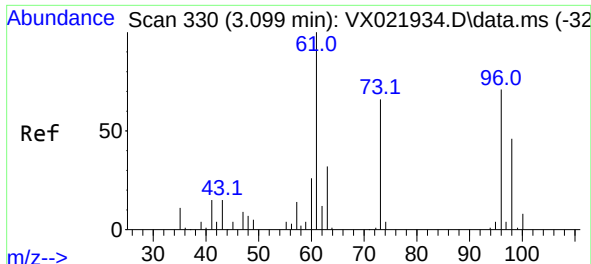
Tgt Ion: 84 Resp: 133158
Ion Ratio Lower Upper
84 100
49 117.7 101.6 152.4
51 35.8 30.5 45.7
86 62.1 53.4 80.2



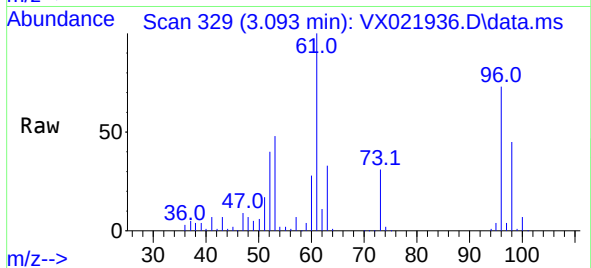
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

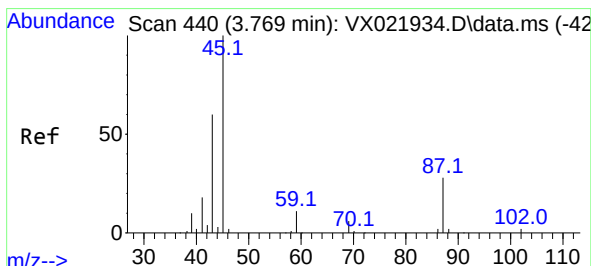
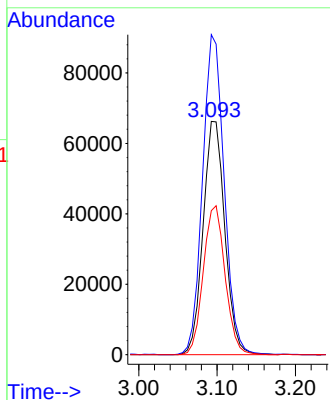
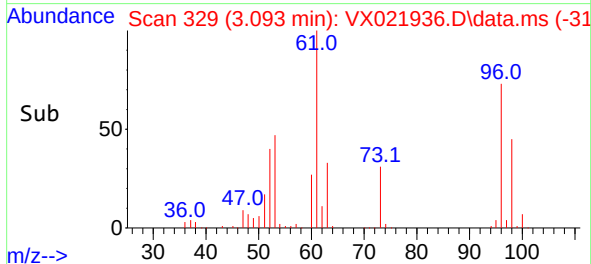
MMDadoda
5/13/2021 4:07:19 PM



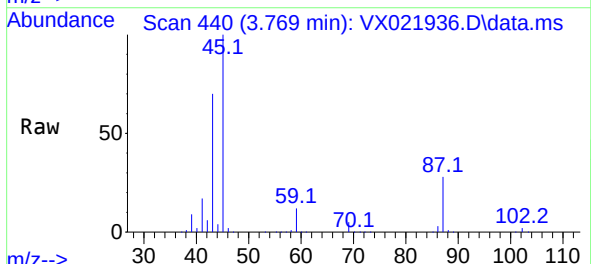
#19
trans-1,2-Dichloroethene
Concen: 103.89 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



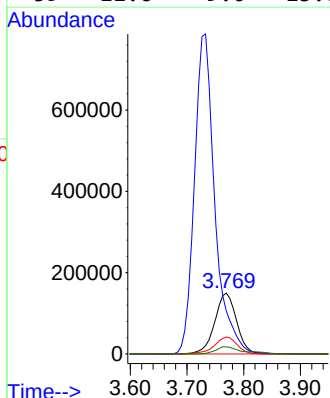
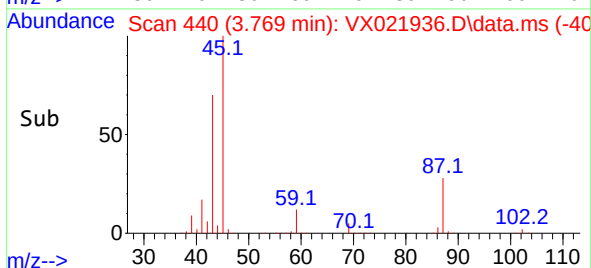
Tgt Ion: 96 Resp: 127865
Ion Ratio Lower Upper
96 100
61 137.0 113.0 169.4
98 61.7 51.7 77.5



#20
Diisopropyl ether
Concen: 105.94 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



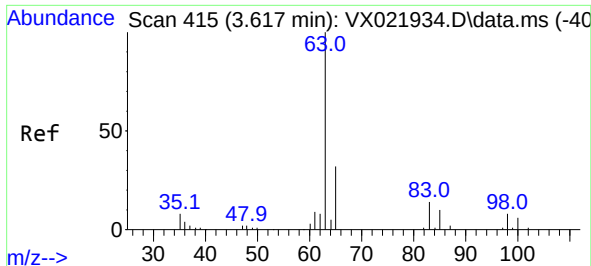
Tgt Ion: 45 Resp: 398597
Ion Ratio Lower Upper
45 100
43 69.7 58.5 87.7
87 27.9 22.2 33.4
59 11.6 9.0 13.6



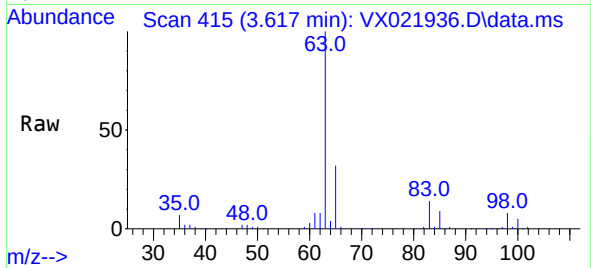
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

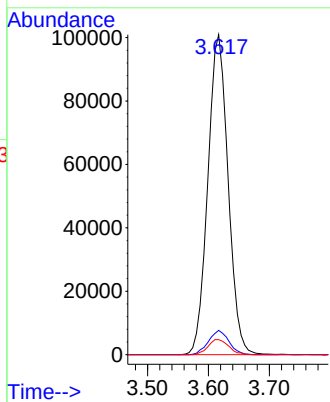
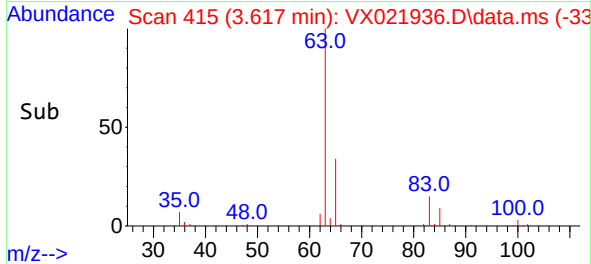
MMDadoda
5/13/2021 4:07:19 PM



#21
1,1-Dichloroethane
Concen: 103.61 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



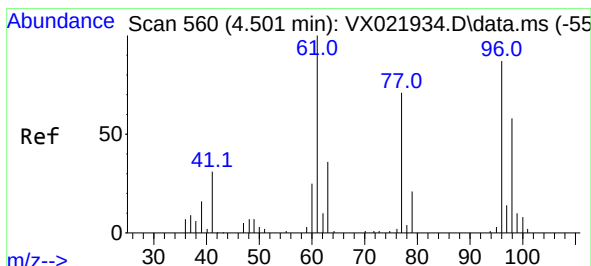
Tgt Ion: 63 Resp: 233484
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.4
100 4.7 2.9 8.6



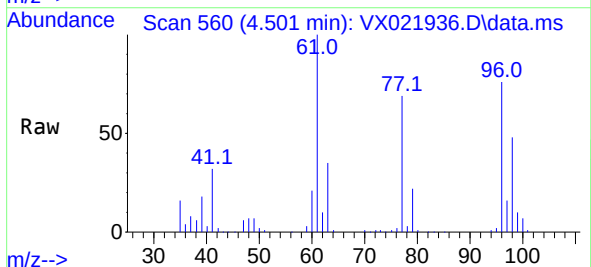
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

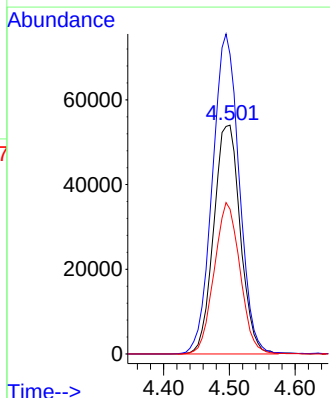
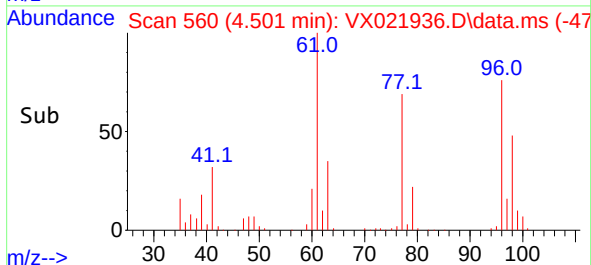
MMDadoda
5/13/2021 4:07:19 PM

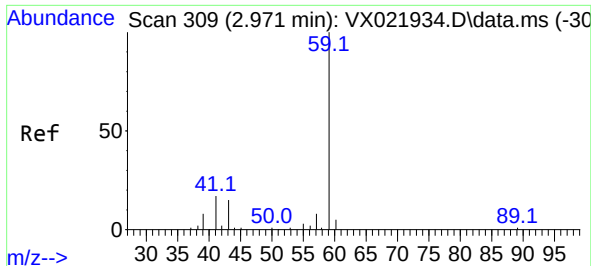


#22
cis-1,2-Dichloroethene
Concen: 105.16 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



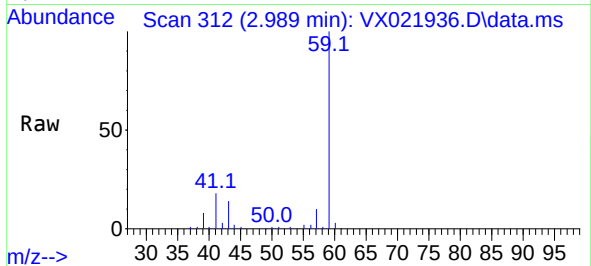
Tgt Ion: 96 Resp: 152091
Ion Ratio Lower Upper
96 100
61 140.4 114.0 171.0
98 64.4 53.0 79.6





#23
tert-Butyl Alcohol
Concen: 514.66 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.018 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

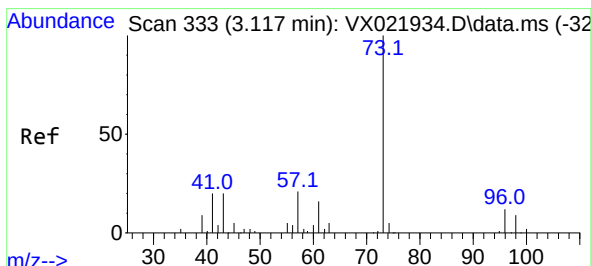
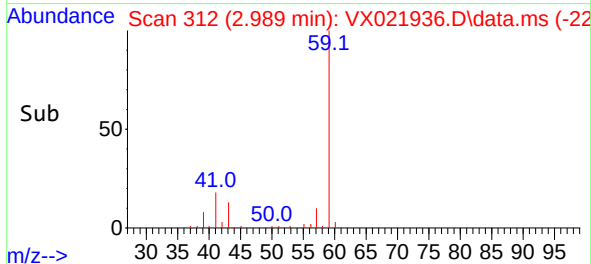
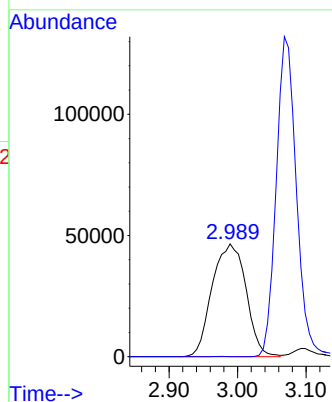
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 159855
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

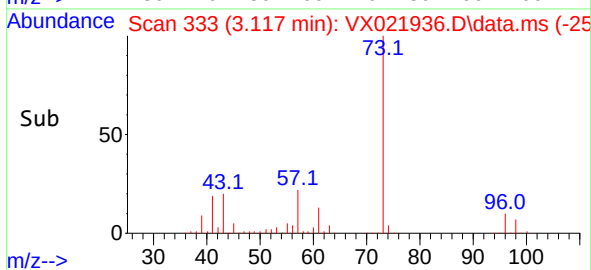
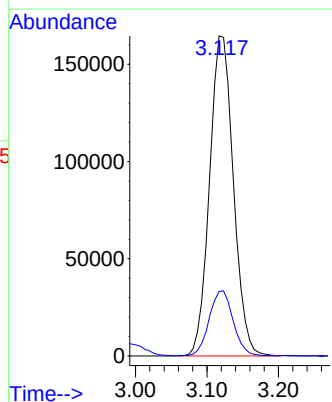
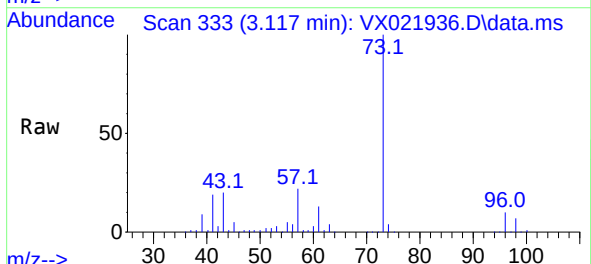
Manual Integrations
APPROVED

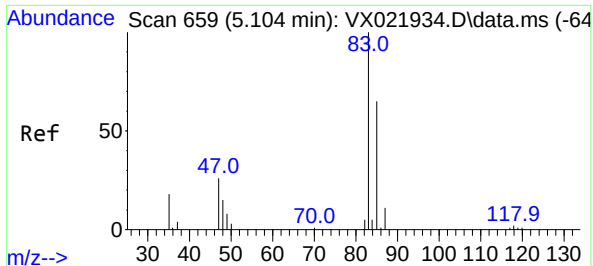
MMDadoda
5/13/2021 4:07:19 PM



#24
Methyl tert-Butyl Ether
Concen: 103.52 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 73 Resp: 381711
Ion Ratio Lower Upper
73 100
43 20.5 16.3 24.5





#25

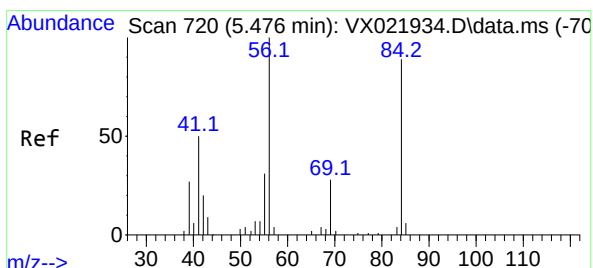
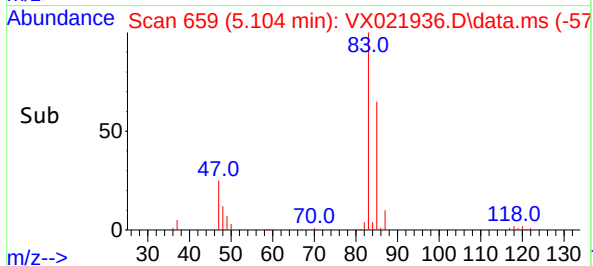
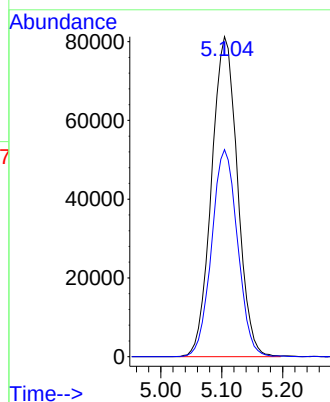
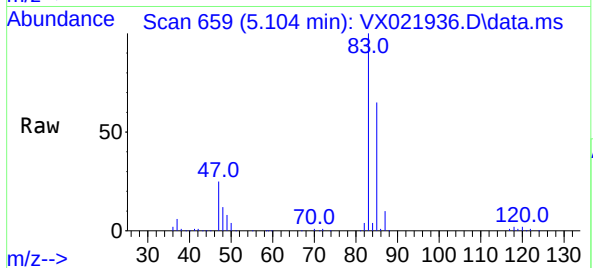
Chloroform
Concen: 105.15 ug/l
RT: 5.104 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 83 Resp: 240177
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

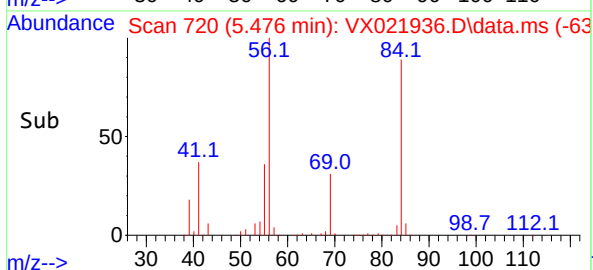
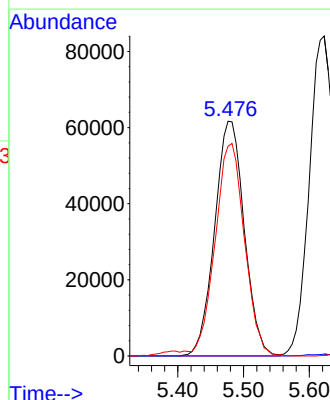
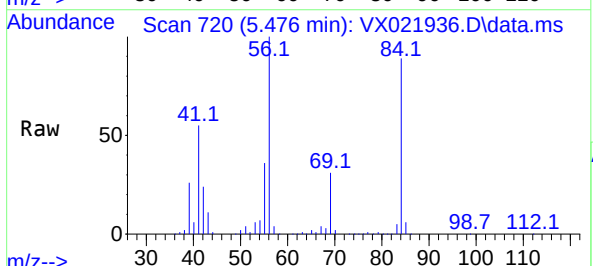
MMDadoda
5/13/2021 4:07:19 PM

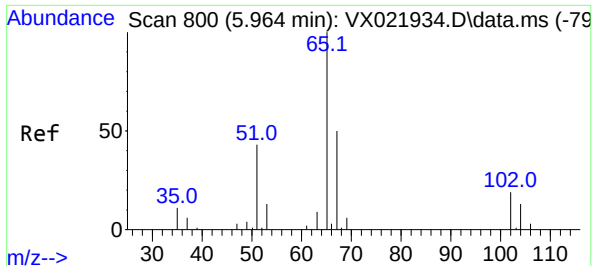


#26

Cyclohexane
Concen: 103.89 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 56 Resp: 193163
Ion Ratio Lower Upper
56 100
89 0.0 0.4 0.6#
84 89.6 71.8 107.6





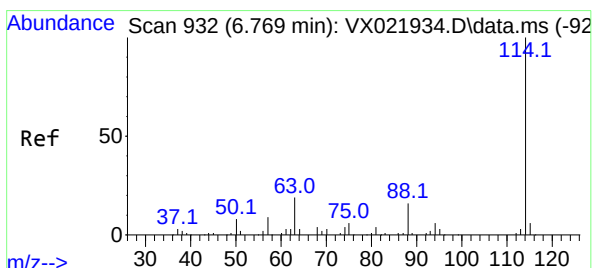
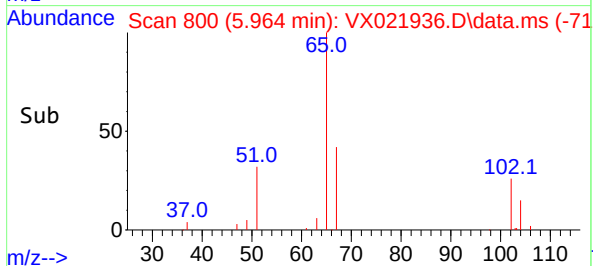
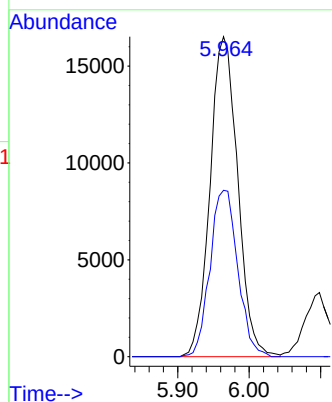
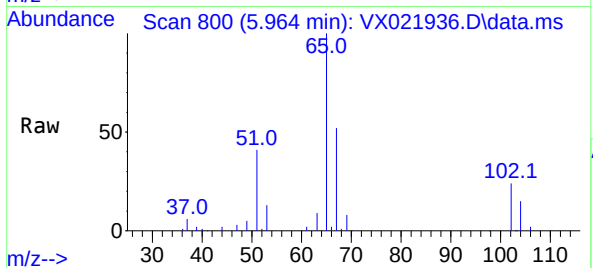
#27
1,2-Dichloroethane-d4
Concen: 30.22 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 65 Resp: 44351
Ion Ratio Lower Upper
65 100
67 52.3 41.5 62.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

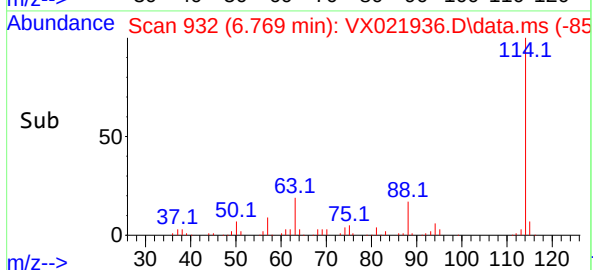
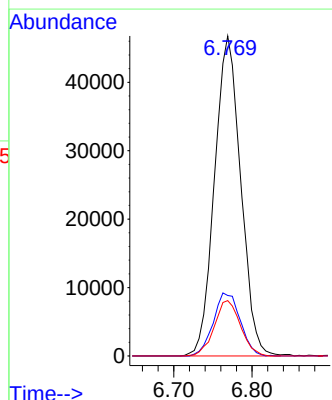
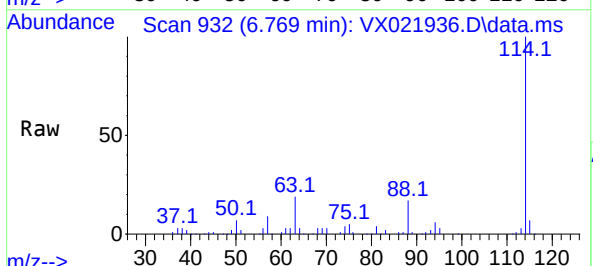
Manual Integrations
APPROVED

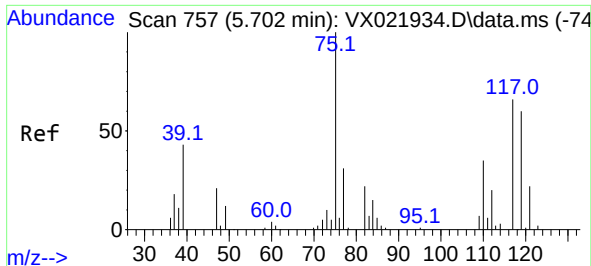
MMDadoda
5/13/2021 4:07:19 PM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 114 Resp: 108648
Ion Ratio Lower Upper
114 100
63 20.2 16.6 25.0
88 17.3 13.1 19.7





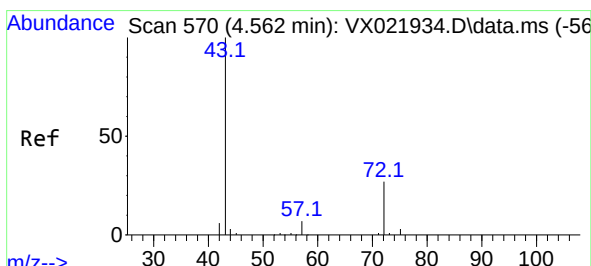
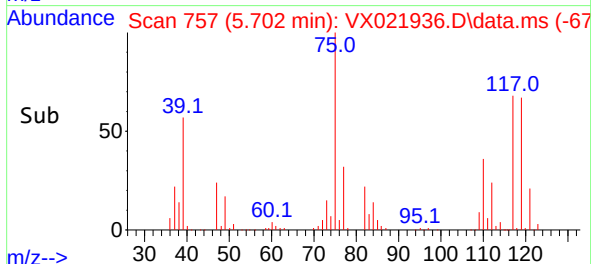
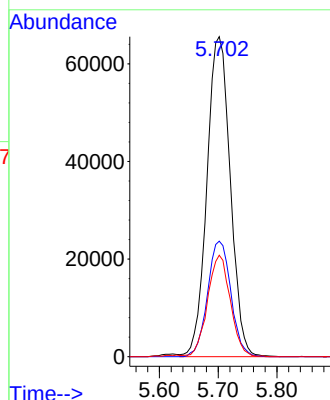
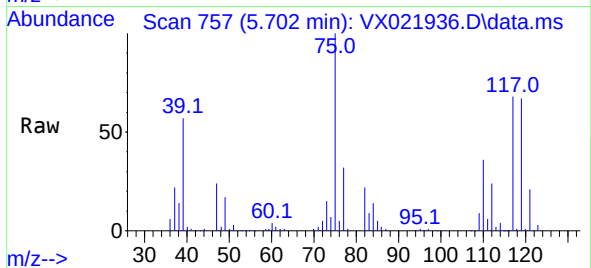
#29
1,1-Dichloropropene
Concen: 106.68 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 75 Resp: 181399
Ion Ratio Lower Upper
75 100
110 36.0 0.0 71.4
77 30.9 0.0 63.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

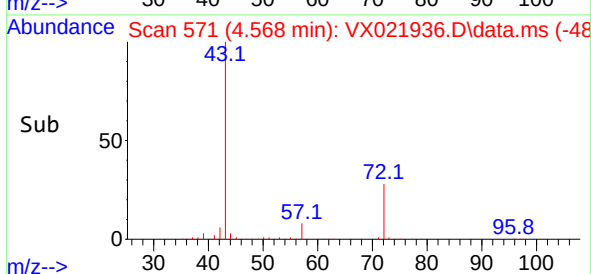
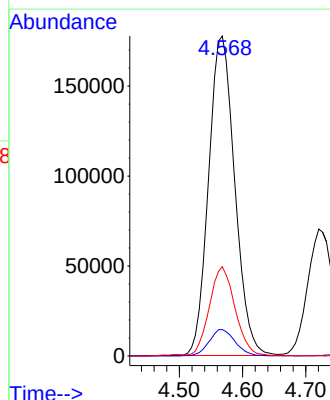
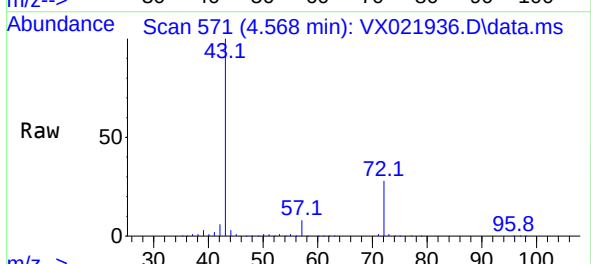
Manual Integrations
APPROVED

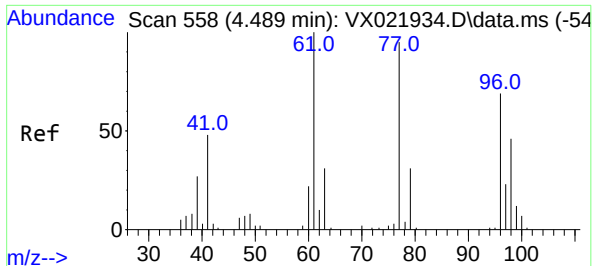
MMDadoda
5/13/2021 4:07:19 PM



#30
2-Butanone
Concen: 530.04 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 43 Resp: 510181
Ion Ratio Lower Upper
43 100
57 8.3 6.4 9.6
72 27.4 22.1 33.1





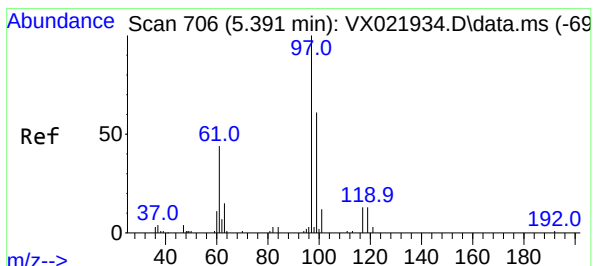
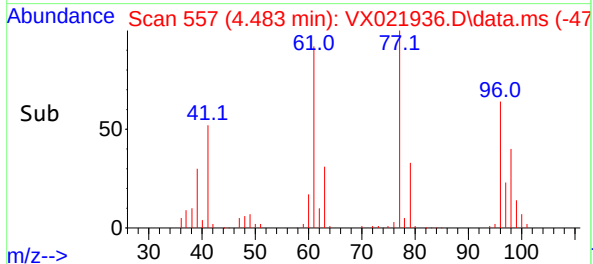
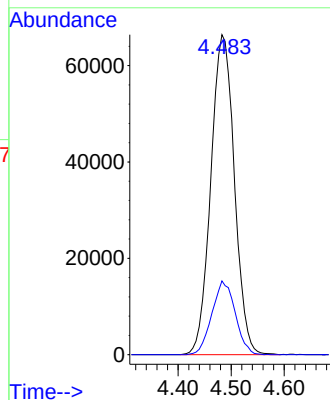
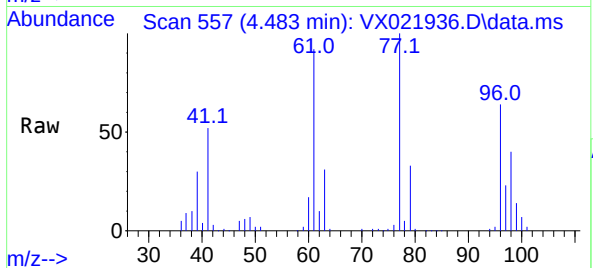
#31
2,2-Dichloropropane
Concen: 102.56 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 77 Resp: 204920
Ion Ratio Lower Upper
77 100
97 22.8 18.1 27.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

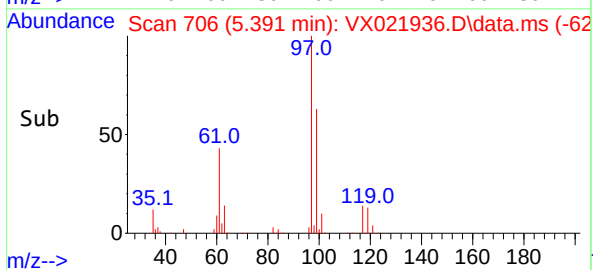
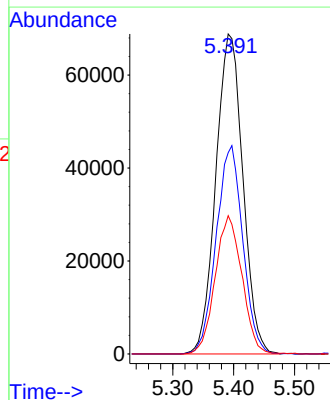
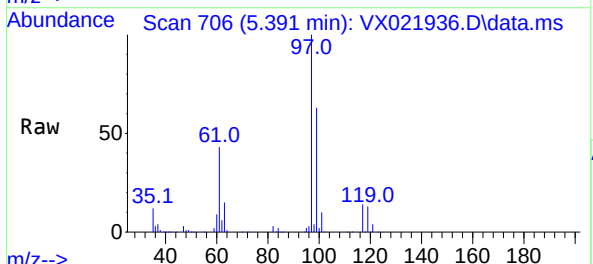
Manual Integrations
APPROVED

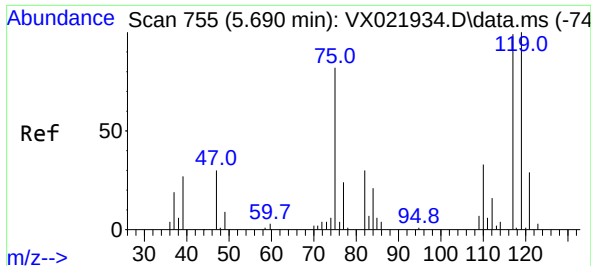
MMDadoda
5/13/2021 4:07:19 PM



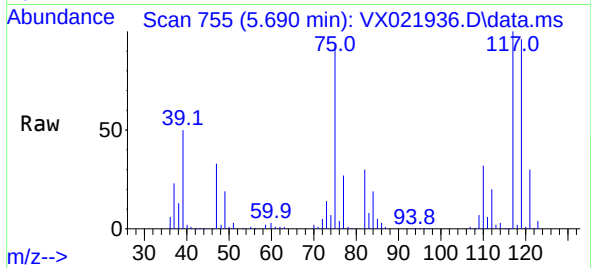
#32
1,1,1-Trichloroethane
Concen: 105.97 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 97 Resp: 212600
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 42.6 36.3 54.5

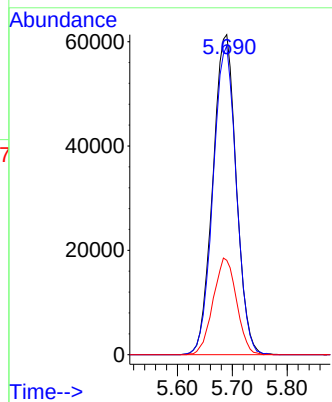
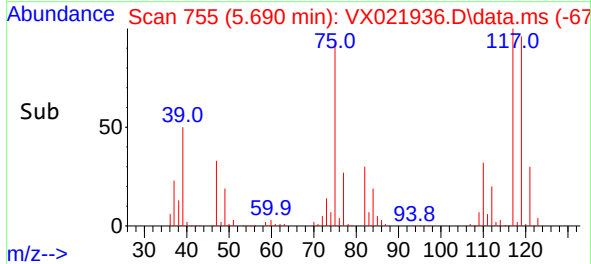




#33
Carbon Tetrachloride
Concen: 106.79 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



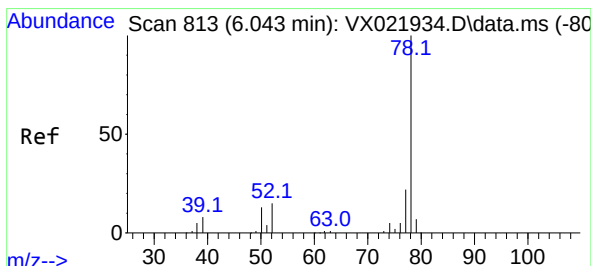
Tgt Ion:117 Resp: 181838
Ion Ratio Lower Upper
117 100
119 96.5 80.8 121.2
121 29.5 23.8 35.8



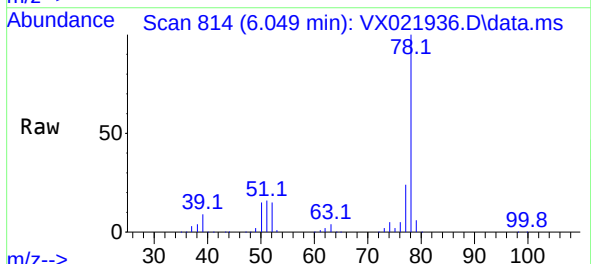
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

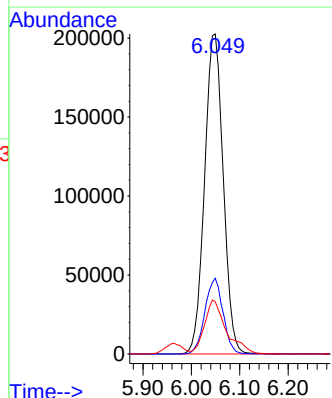
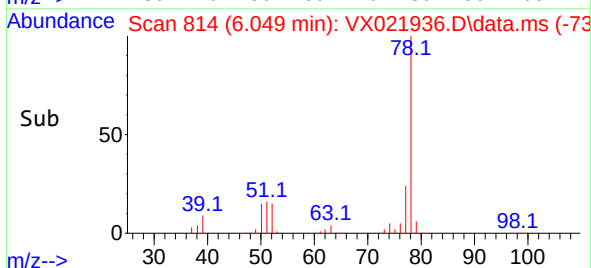
MMDadoda
5/13/2021 4:07:19 PM

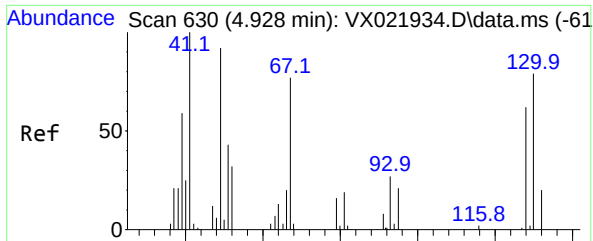


#34
Benzene
Concen: 104.74 ug/l
RT: 6.049 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

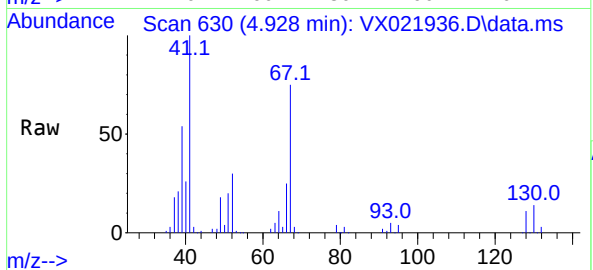


Tgt Ion: 78 Resp: 543439
Ion Ratio Lower Upper
78 100
77 23.7 17.8 26.8
51 16.3 10.6 15.8#



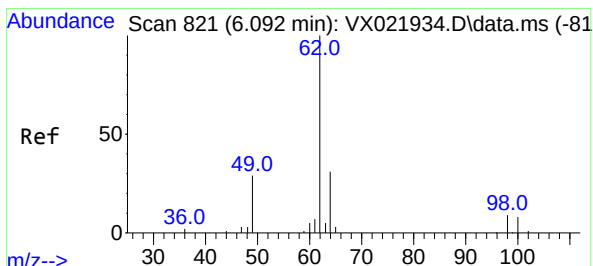
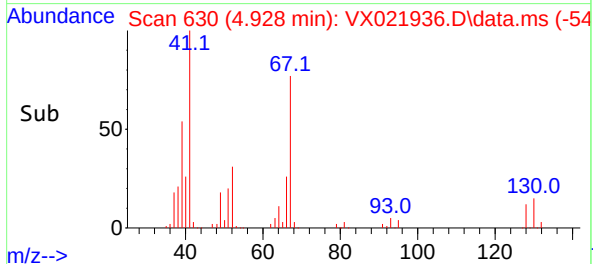
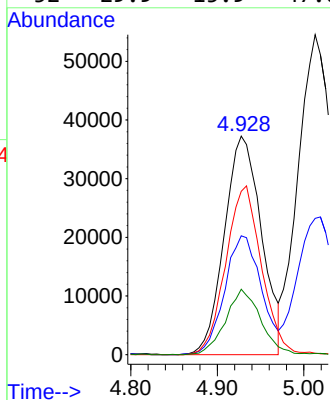


#35
Methacrylonitrile
Concen: 107.86 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

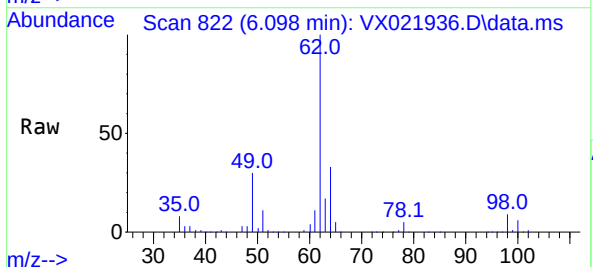


Tgt Ion: 41 Resp: 111135

Ion	Ratio	Lower	Upper
41	100		
39	54.4	29.3	87.8
67	74.7	38.3	114.9
52	29.9	15.9	47.6

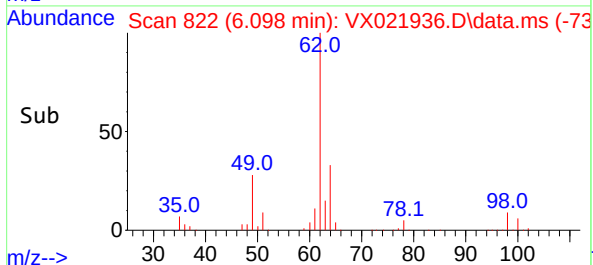
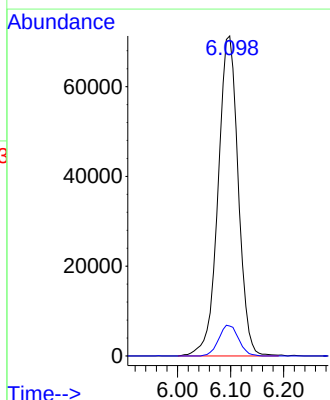


#36
1,2-Dichloroethane
Concen: 106.36 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



Tgt Ion: 62 Resp: 188388

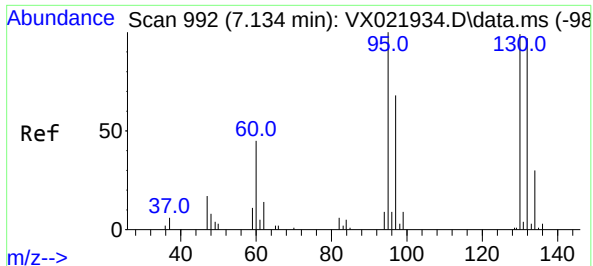
Ion	Ratio	Lower	Upper
62	100		
98	9.5	4.6	7.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



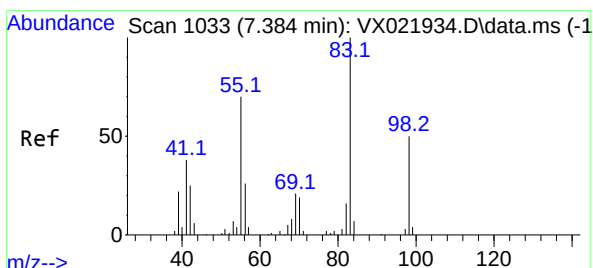
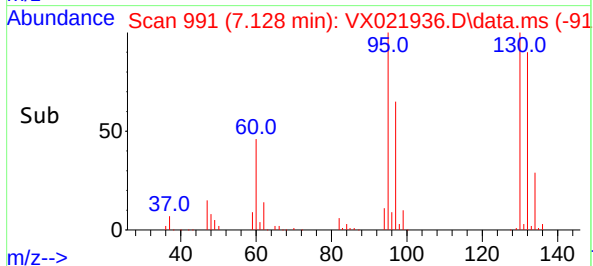
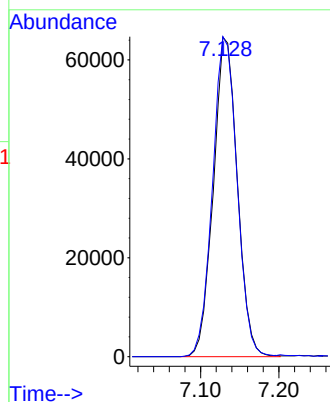
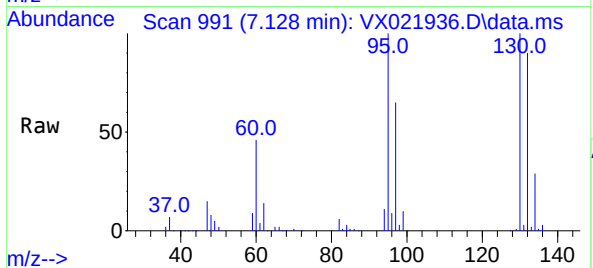
#37
Trichloroethene
Concen: 105.49 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 130 Resp: 137547
Ion Ratio Lower Upper
130 100
95 100.1 81.1 121.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

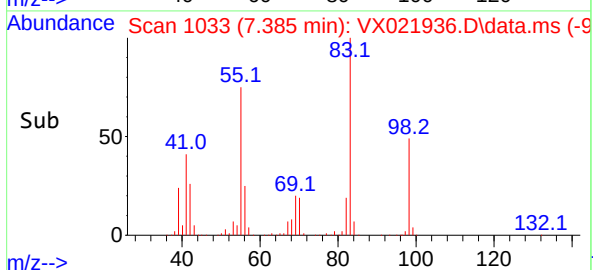
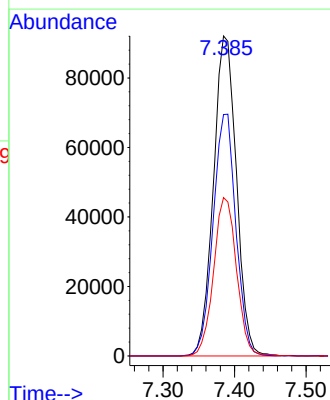
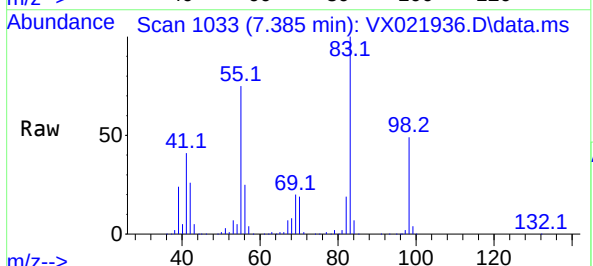
Manual Integrations
APPROVED

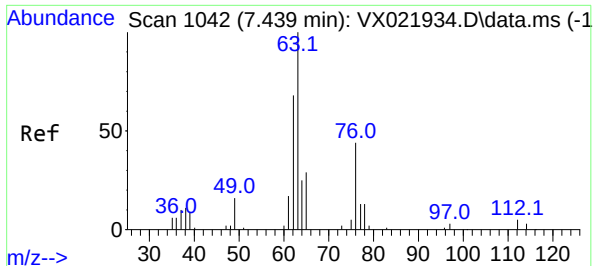
MMDadoda
5/13/2021 4:07:19 PM



#38
Methylcyclohexane
Concen: 106.58 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 83 Resp: 205739
Ion Ratio Lower Upper
83 100
55 74.9 36.4 109.2
98 49.4 25.3 75.9



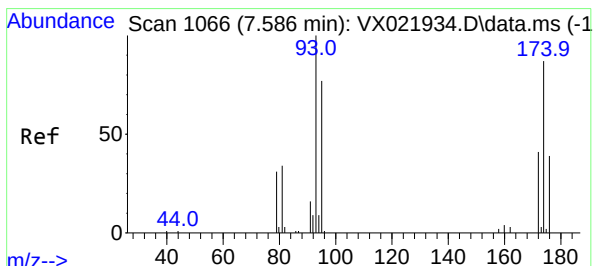
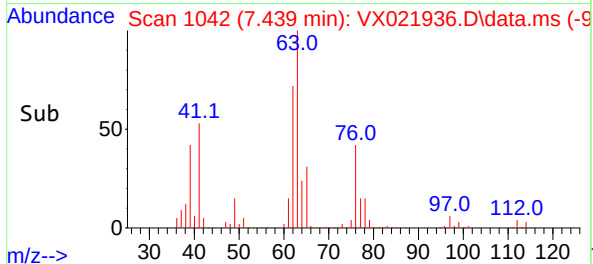
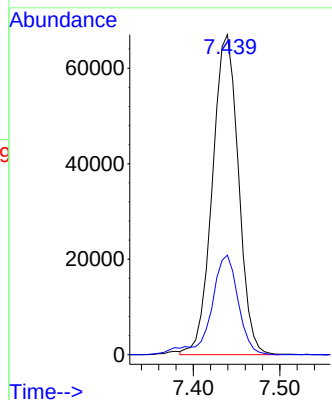
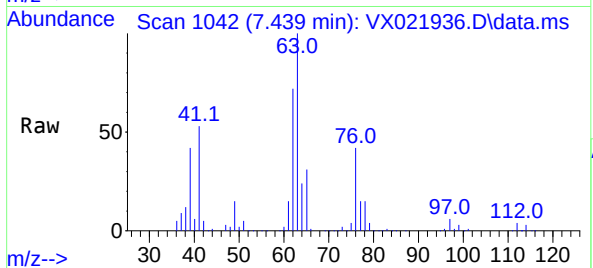


#39

1,2-Dichloropropane
Concen: 108.24 ug/l
RT: 7.439 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

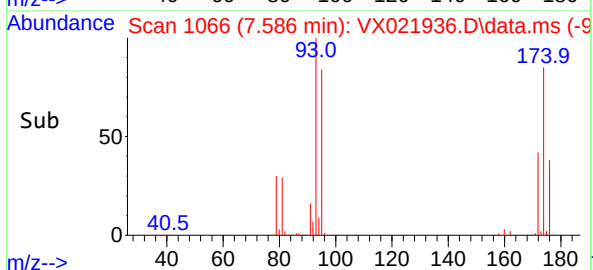
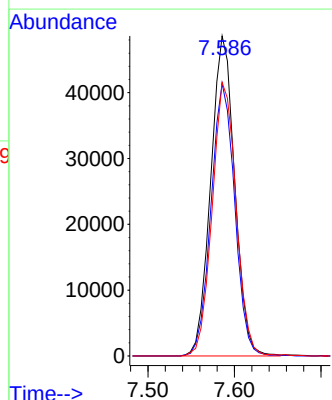
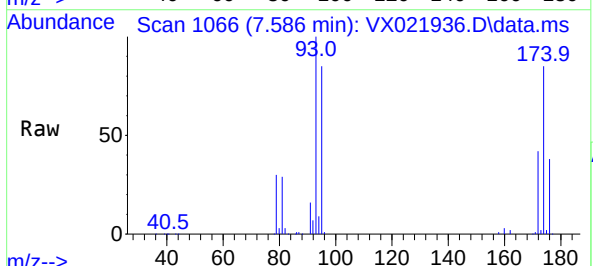
Tgt Ion: 63 Resp: 140213
Ion Ratio Lower Upper
63 100
65 31.1 25.2 37.8

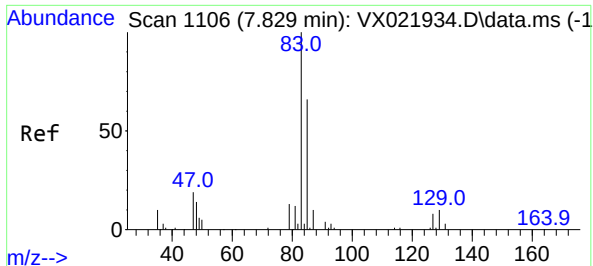


#40

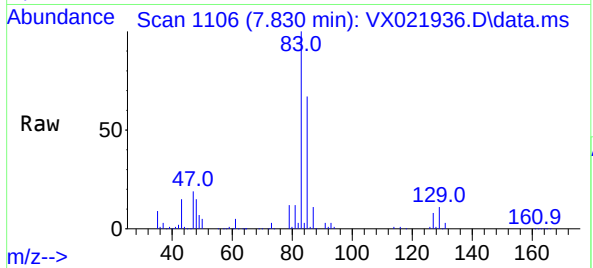
Dibromomethane
Concen: 103.71 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 93 Resp: 93496
Ion Ratio Lower Upper
93 100
95 84.2 0.0 166.0
174 85.2 0.0 170.4

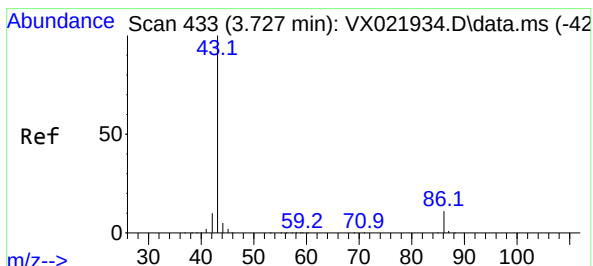
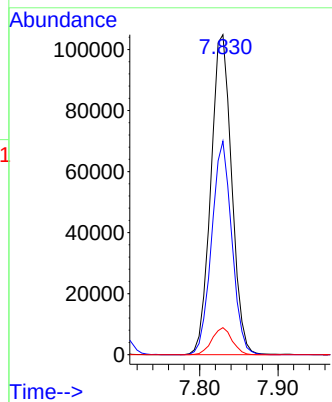
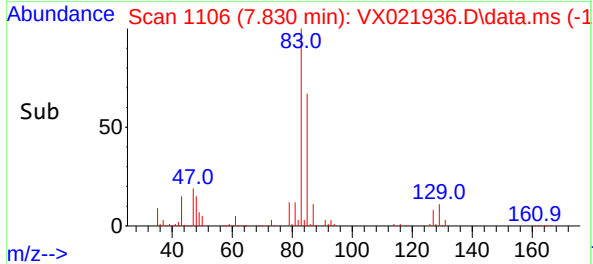




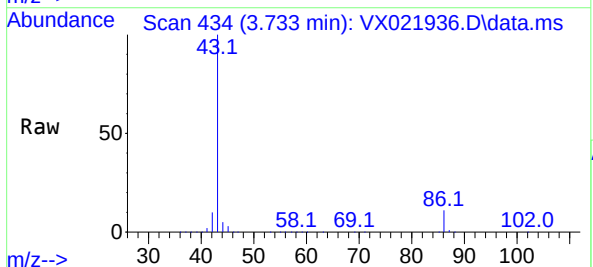
#41
Bromodichloromethane
Concen: 107.48 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



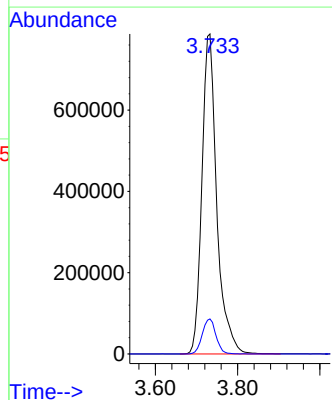
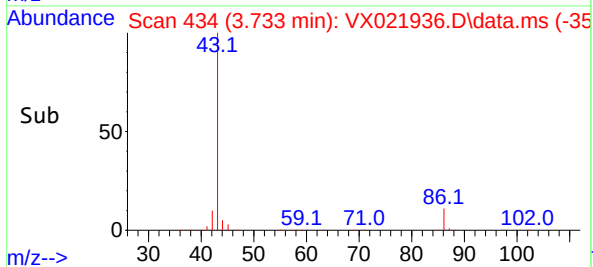
Tgt Ion: 83 Resp: 193425
Ion Ratio Lower Upper
83 100
85 66.7 52.6 78.8
127 8.5 6.1 9.1



#42
Vinyl Acetate
Concen: 548.87 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



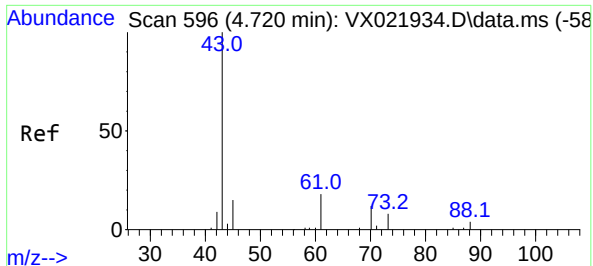
Tgt Ion: 43 Resp: 1972954
Ion Ratio Lower Upper
43 100
86 10.0 8.2 12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



#43

Ethyl Acetate

Concen: 120.53 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX021936.D

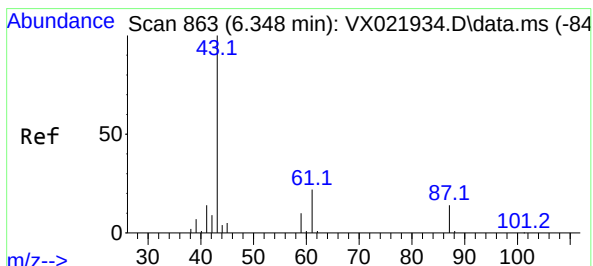
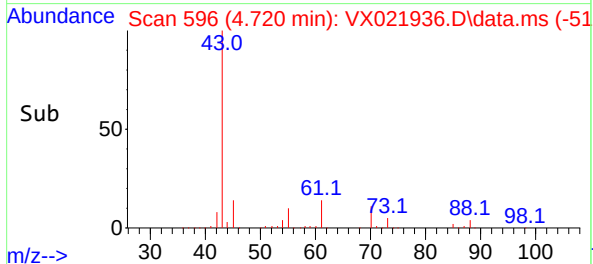
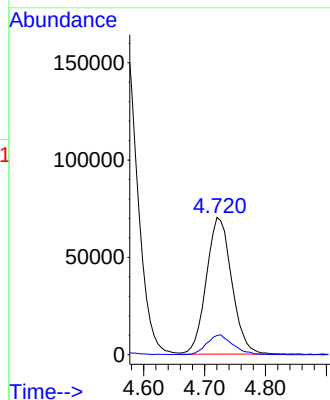
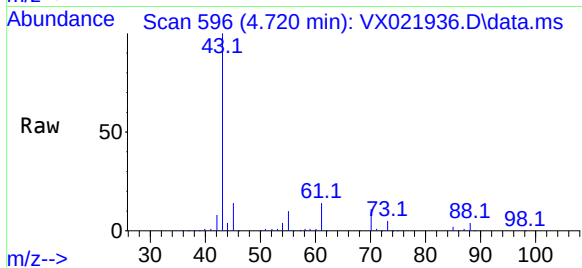
Acq: 12 May 2021 18:57

Tgt Ion: 43 Resp: 203428

Ion Ratio Lower Upper

43 100

45 14.7 11.2 16.8



#44

Isopropyl Acetate

Concen: 107.06 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX021936.D

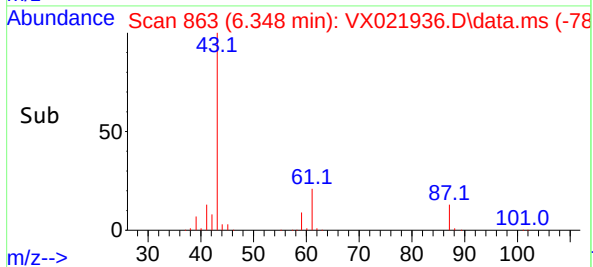
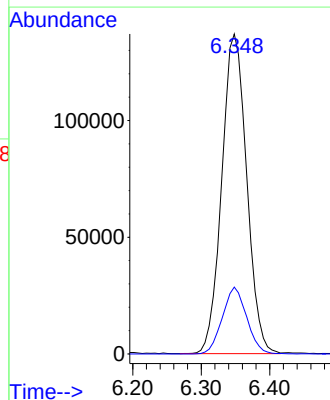
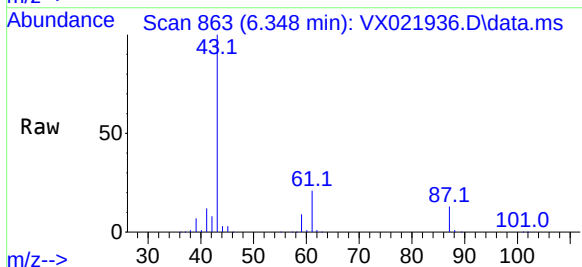
Acq: 12 May 2021 18:57

Tgt Ion: 43 Resp: 345381

Ion Ratio Lower Upper

43 100

61 20.4 17.0 25.4



Instrument :

MSVOA_X

ClientSampleId :

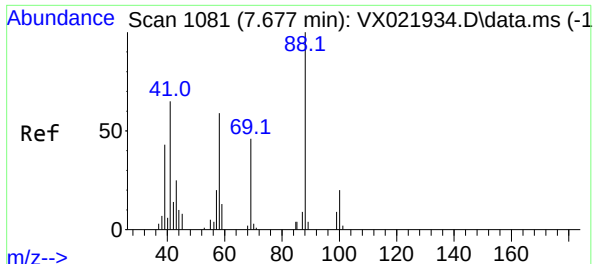
VSTDIC100

Manual Integrations

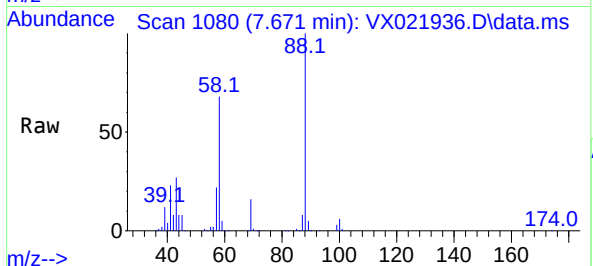
APPROVED

MMDadoda

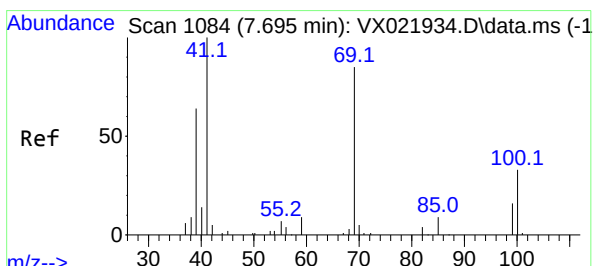
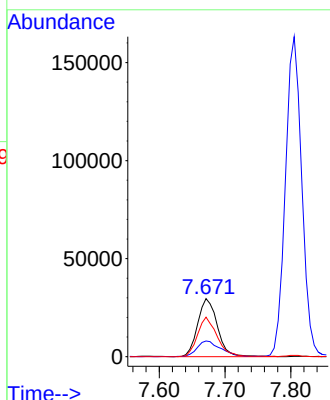
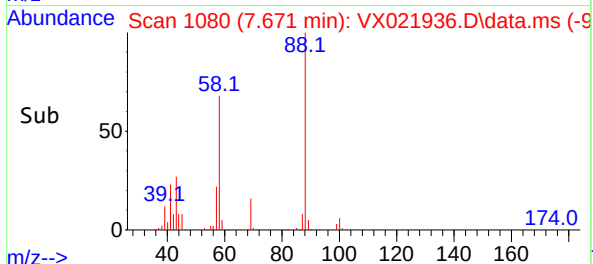
5/13/2021 4:07:19 PM



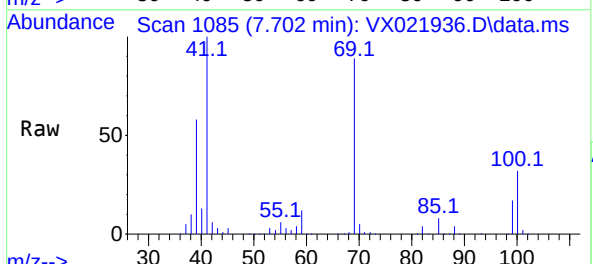
#45
1,4-Dioxane
Concen: 2141.11 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



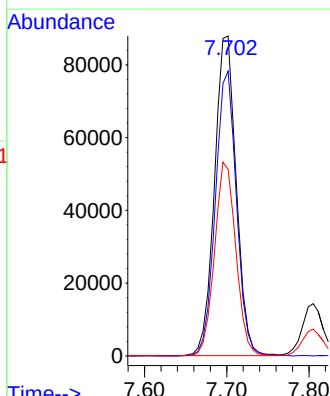
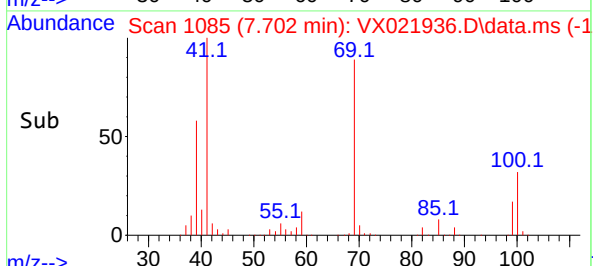
Tgt Ion: 88 Resp: 61669
Ion Ratio Lower Upper
88 100
43 32.5 0.0 0.0#
58 67.3 0.0 0.0#



#46
Methyl methacrylate
Concen: 107.81 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



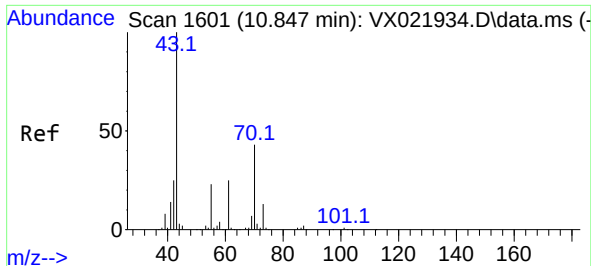
Tgt Ion: 41 Resp: 161242
Ion Ratio Lower Upper
41 100
69 89.1 42.7 128.1
39 58.3 32.1 96.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



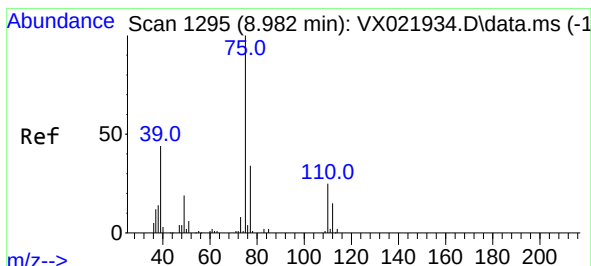
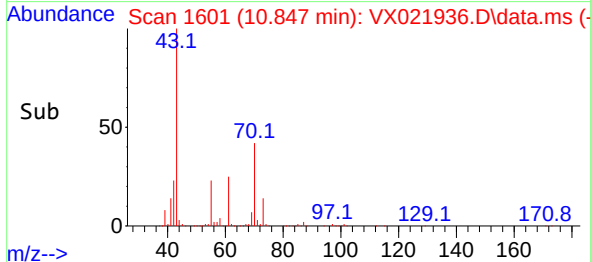
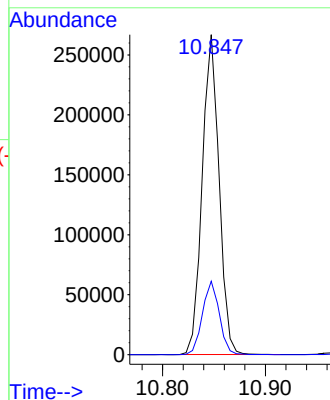
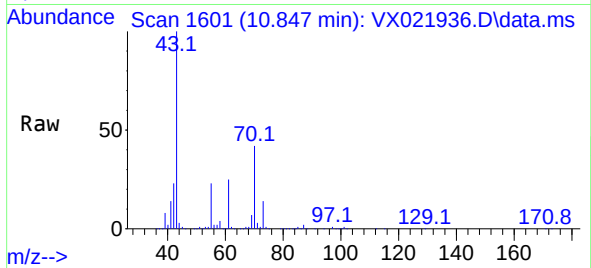
#47
n-amy1 Acetate
Concen: 113.42 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 43 Resp: 304342
Ion Ratio Lower Upper
43 100
55 23.0 18.9 28.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

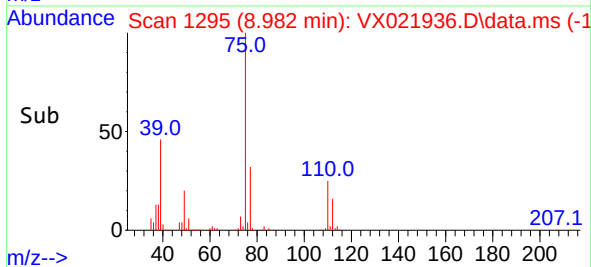
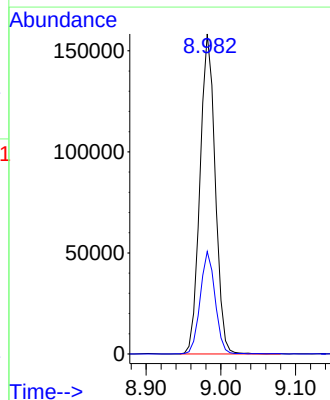
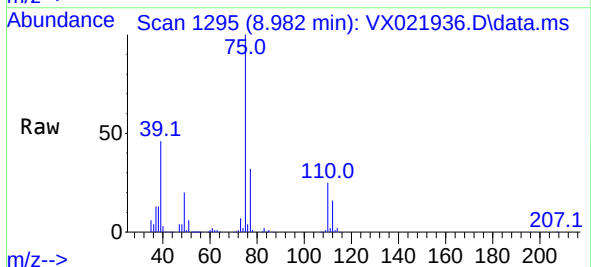
Manual Integrations
APPROVED

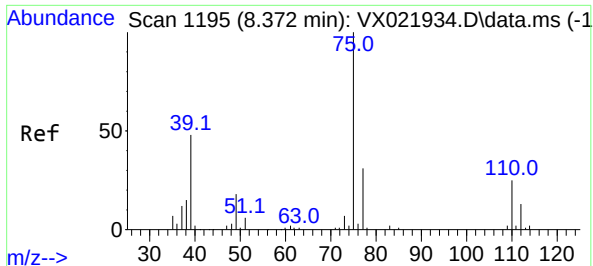
MMDadoda
5/13/2021 4:07:19 PM



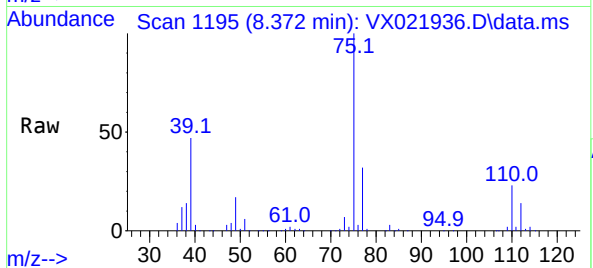
#48
t-1,3-Dichloropropene
Concen: 110.74 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 75 Resp: 223734
Ion Ratio Lower Upper
75 100
77 32.0 26.8 40.2

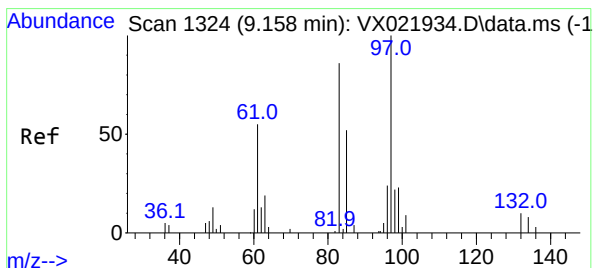
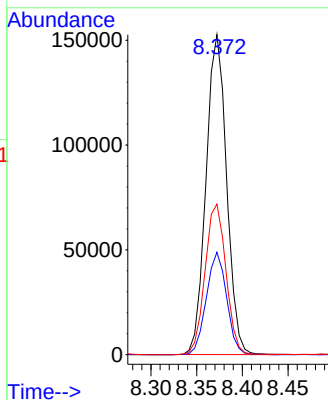
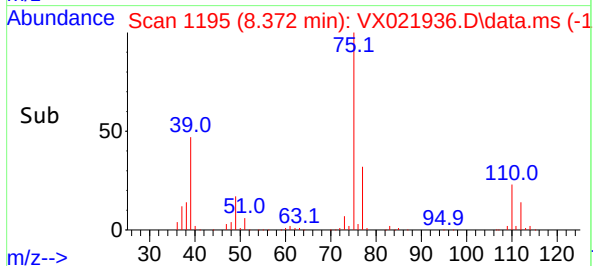




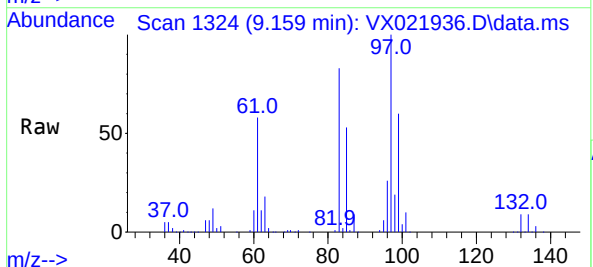
#49
cis-1,3-Dichloropropene
Concen: 110.17 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



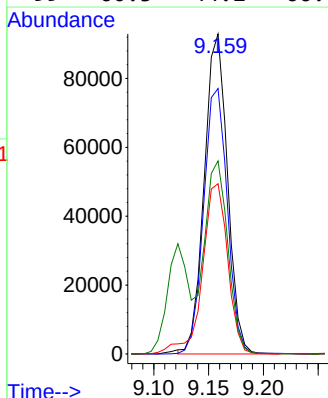
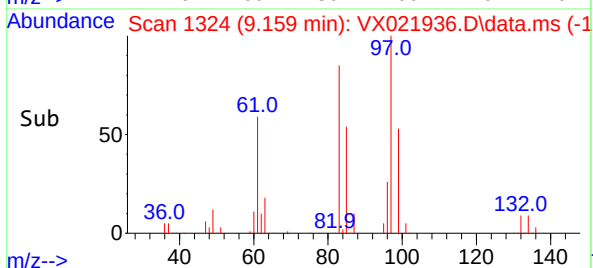
Tgt Ion: 75 Resp: 238880
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3
39 47.0 38.6 57.8



#50
1,1,2-Trichloroethane
Concen: 106.73 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



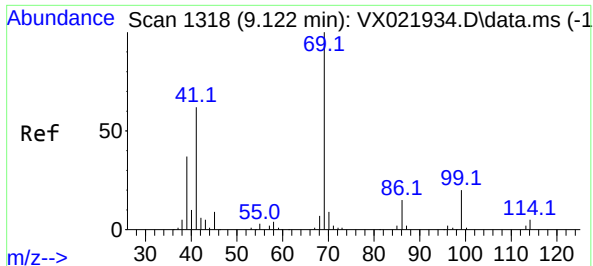
Tgt Ion: 97 Resp: 136929
Ion Ratio Lower Upper
97 100
83 82.8 68.2 102.4
85 53.2 44.4 66.6
99 60.3 44.2 66.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



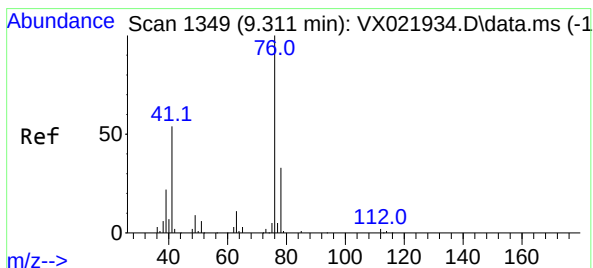
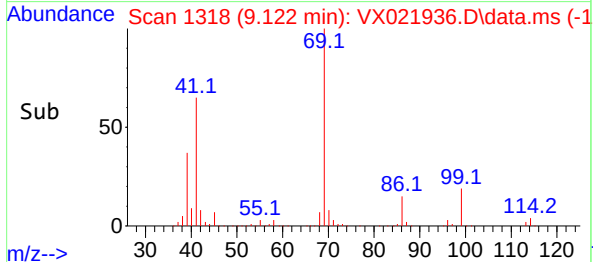
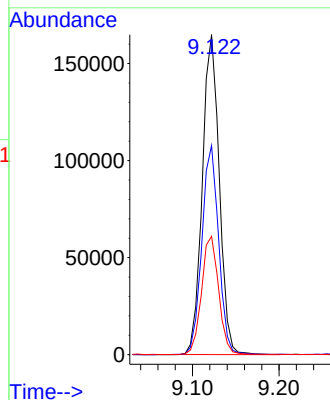
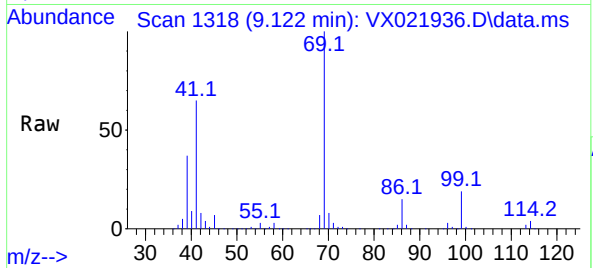
#51
Ethyl methacrylate
Concen: 108.31 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 69 Resp: 224114
Ion Ratio Lower Upper
69 100
41 65.3 31.1 93.5
39 36.9 18.3 54.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

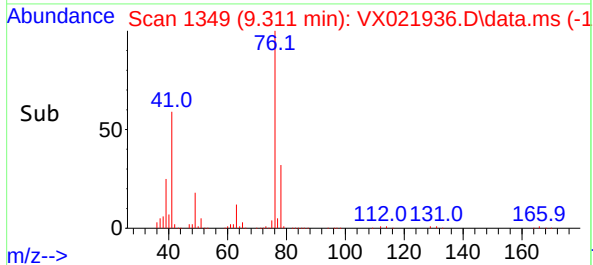
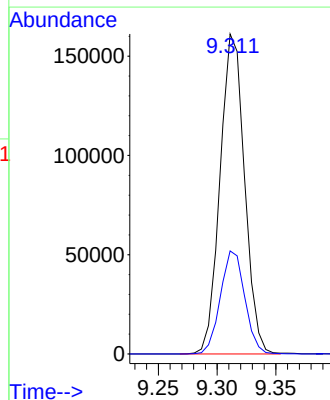
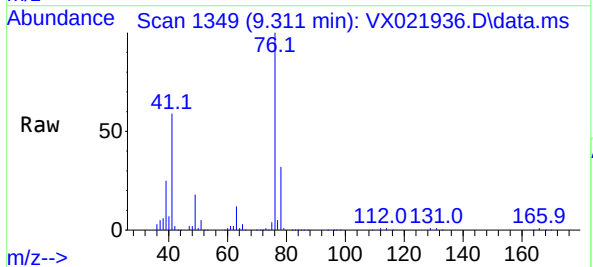
Manual Integrations
APPROVED

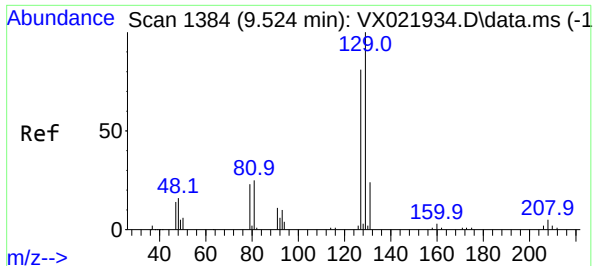
MMDadoda
5/13/2021 4:07:19 PM



#52
1,3-Dichloropropane
Concen: 104.48 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 76 Resp: 233724
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





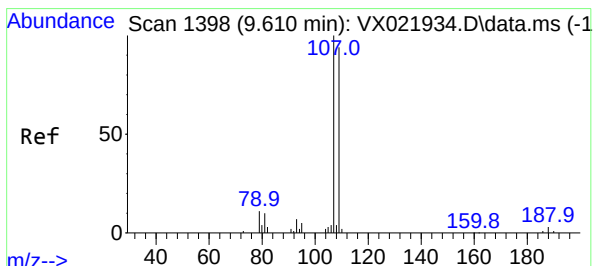
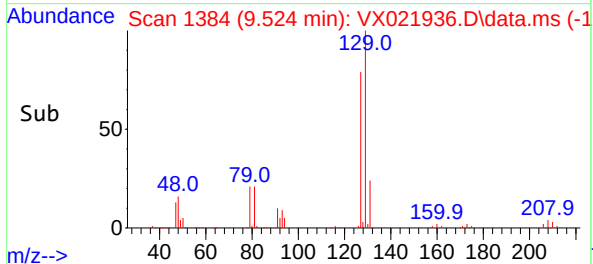
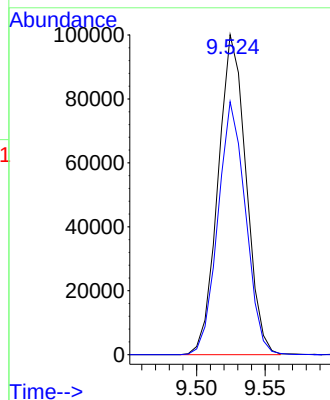
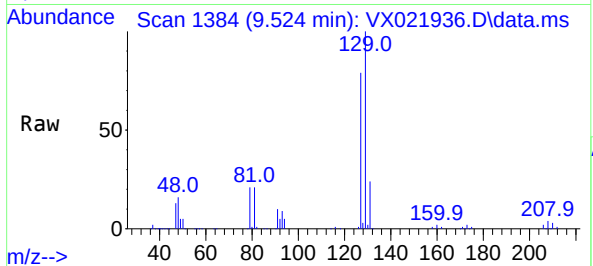
#53
Dibromochloromethane
Concen: 110.40 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion:129 Resp: 142319
Ion Ratio Lower Upper
129 100
127 78.0 39.0 116.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

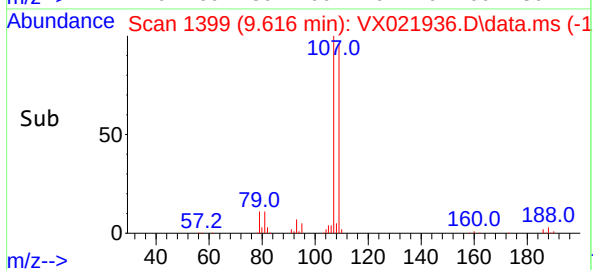
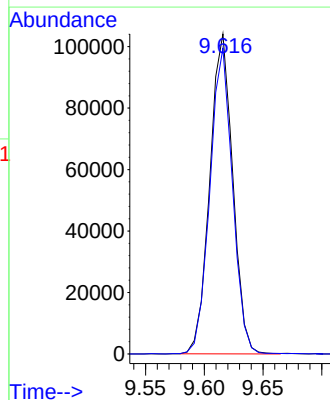
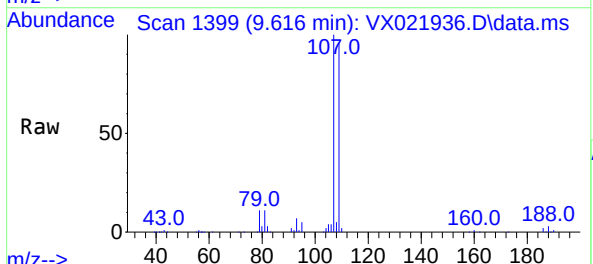
Manual Integrations
APPROVED

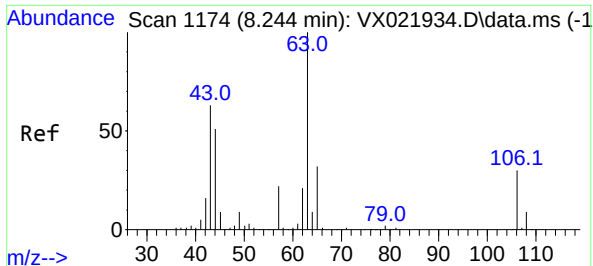
MMDadoda
5/13/2021 4:07:19 PM



#54
1,2-Dibromoethane
Concen: 107.18 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion:107 Resp: 141226
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6





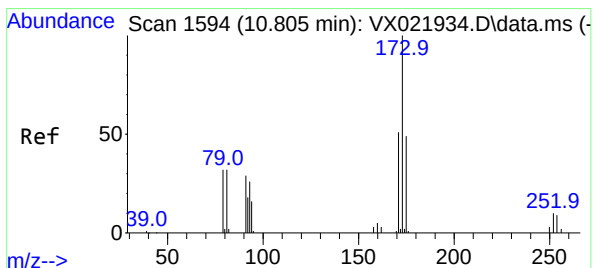
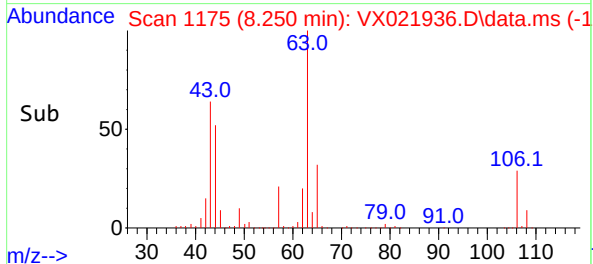
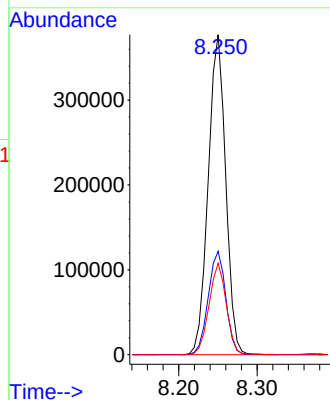
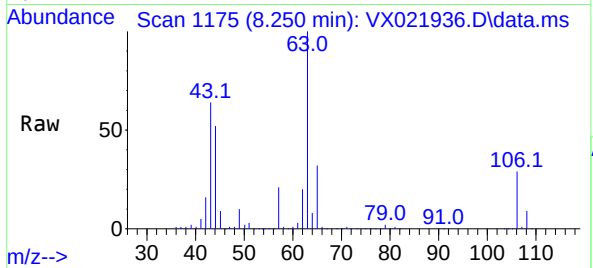
#55
2-Chloroethyl vinyl ether
Concen: 534.55 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion:	63	Resp:	583799
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.6	38.4
106	28.2	23.2	34.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

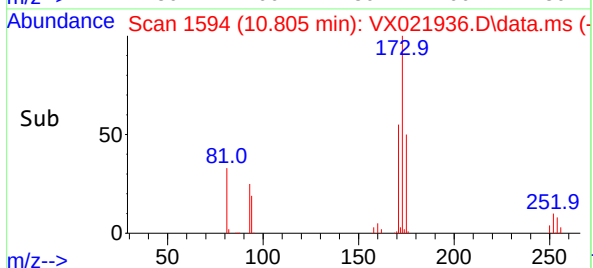
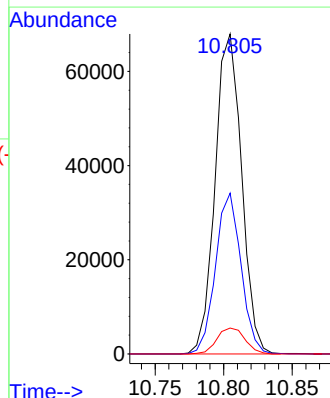
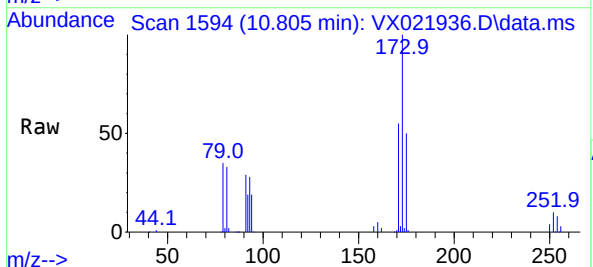
Manual Integrations
APPROVED

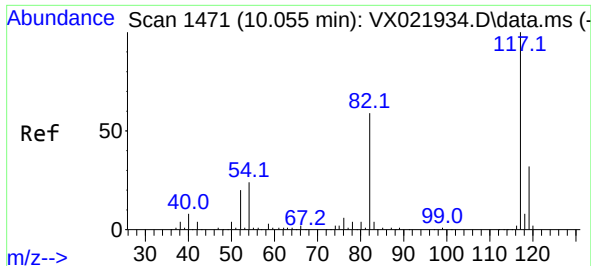
MMDadoda
5/13/2021 4:07:19 PM



#56
Bromoform
Concen: 111.78 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

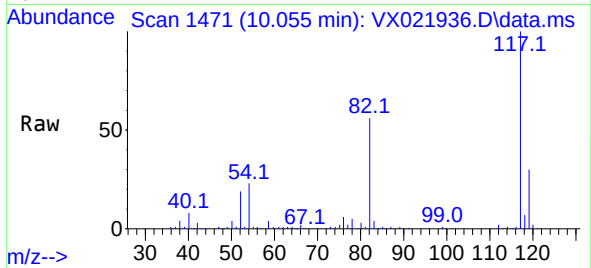
Tgt Ion:	173	Resp:	91414
Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.4	59.2
254	8.6	8.0	12.0





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

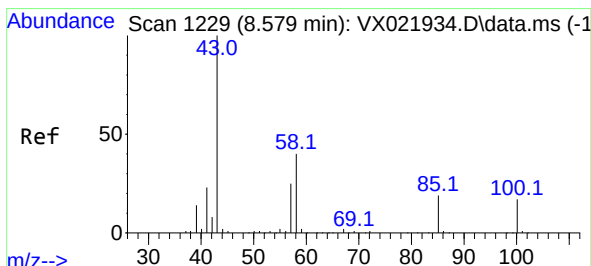
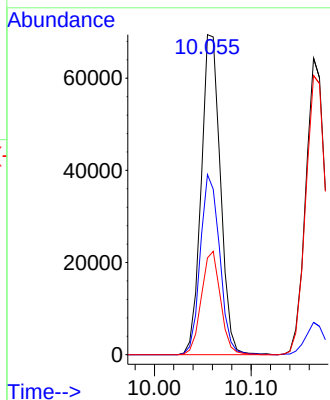
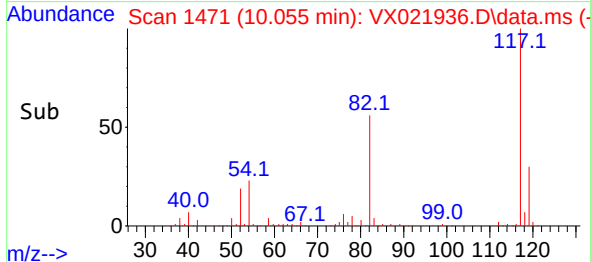
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



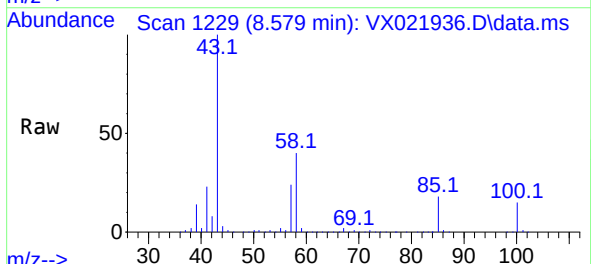
Tgt Ion: 117 Resp: 96339
Ion Ratio Lower Upper
117 100
82 56.6 44.9 67.3
119 32.1 25.0 37.6

Manual Integrations
APPROVED

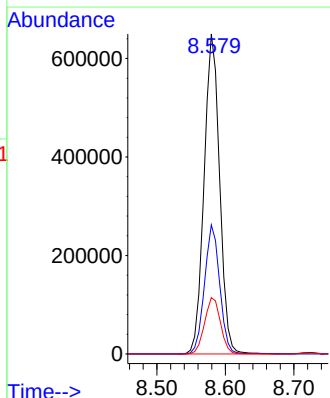
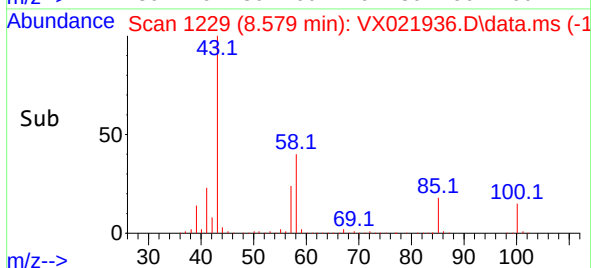
MMDadoda
5/13/2021 4:07:19 PM

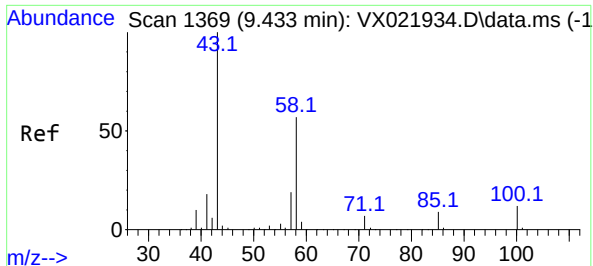


#58
4-Methyl-2-Pentanone
Concen: 528.88 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



Tgt Ion: 43 Resp: 1027477
Ion Ratio Lower Upper
43 100
58 39.5 31.8 47.6
85 18.0 14.9 22.3





#59
2-Hexanone
Concen: 536.54 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

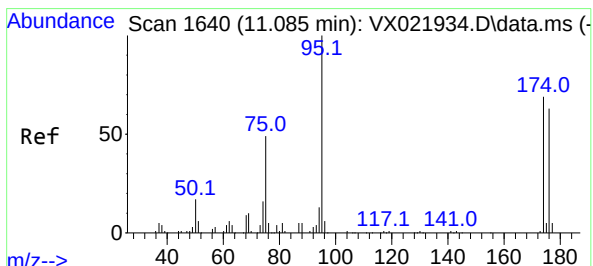
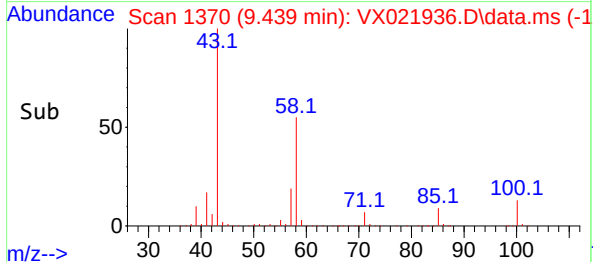
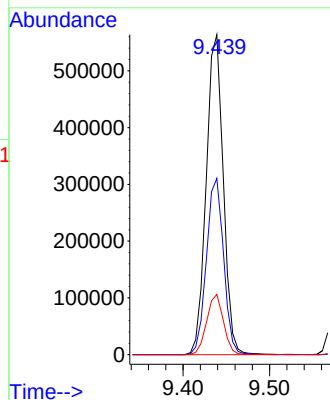
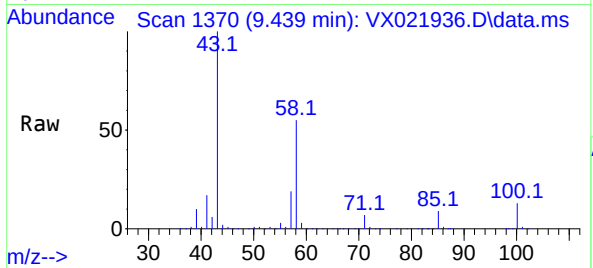
Tgt Ion: 43 Resp: 771978

Ion	Ratio	Lower	Upper
43	100		
58	55.5	45.3	67.9
57	18.6	15.0	22.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

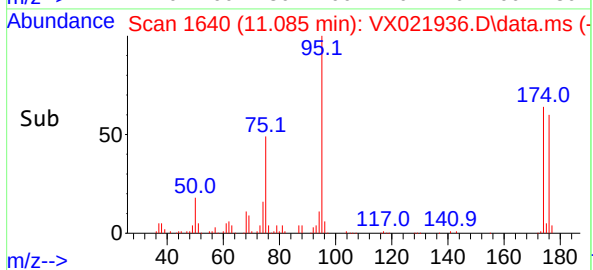
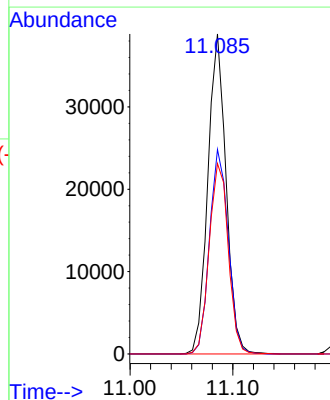
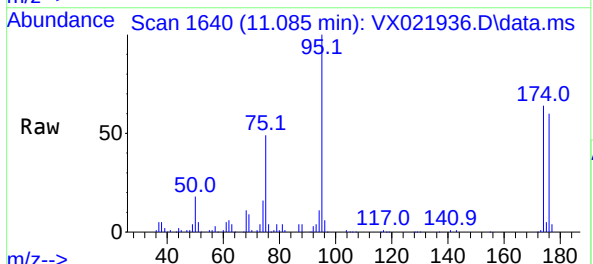
MMDadoda
5/13/2021 4:07:19 PM

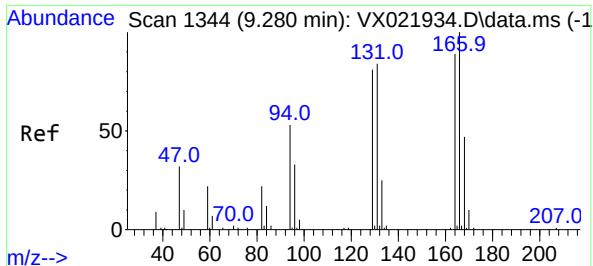


#60
4-Bromofluorobenzene
Concen: 29.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

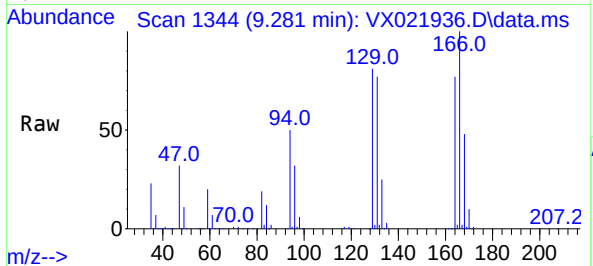
Tgt Ion: 95 Resp: 47906

Ion	Ratio	Lower	Upper
95	100		
174	65.8	52.2	78.2
176	62.3	49.3	73.9

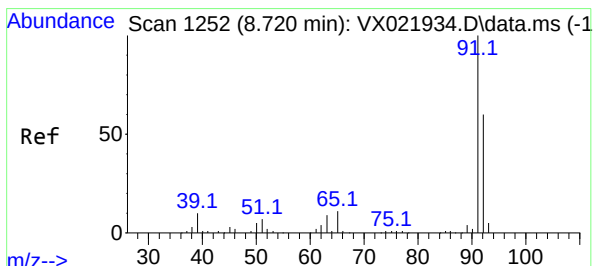
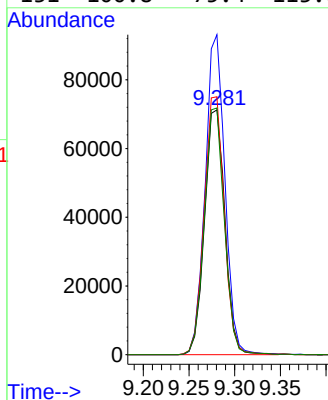
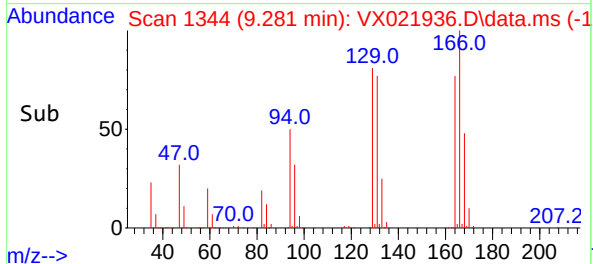




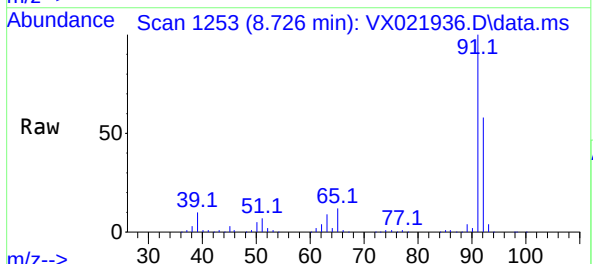
#61
Tetrachloroethene
Concen: 100.78 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.001 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



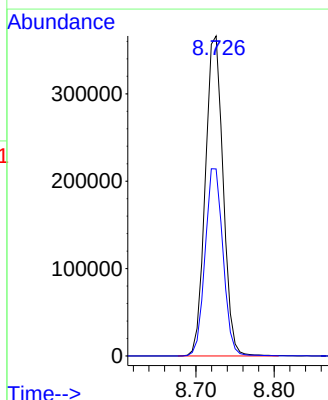
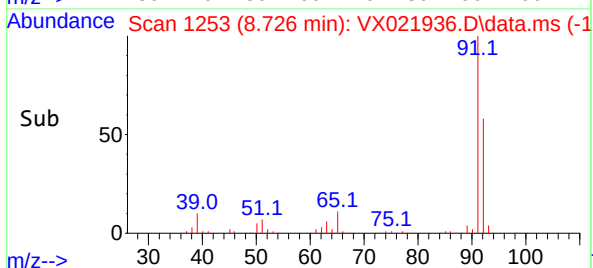
Tgt Ion:164 Resp: 110129
Ion Ratio Lower Upper
164 100
166 130.7 90.2 135.4
129 105.4 73.4 110.0
131 100.8 75.4 113.0



#62
Toluene
Concen: 104.51 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



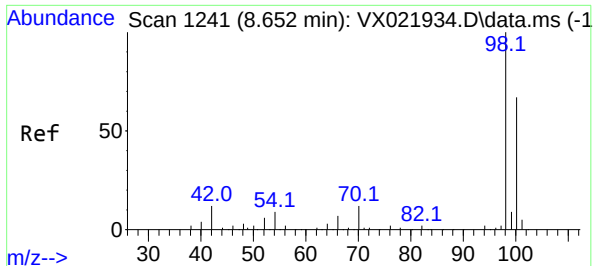
Tgt Ion: 91 Resp: 576497
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



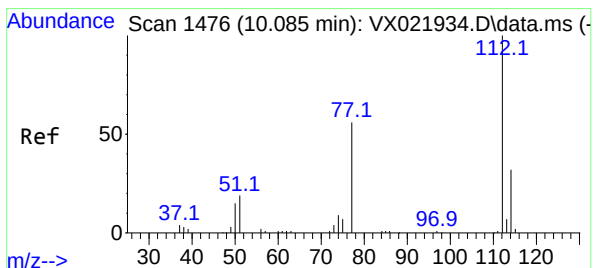
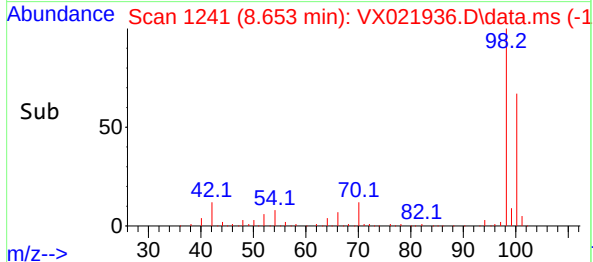
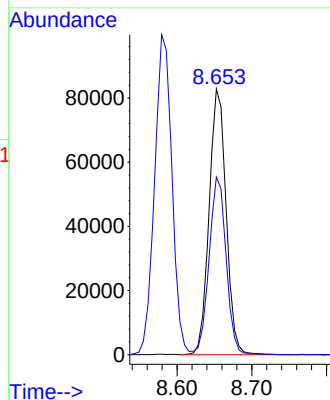
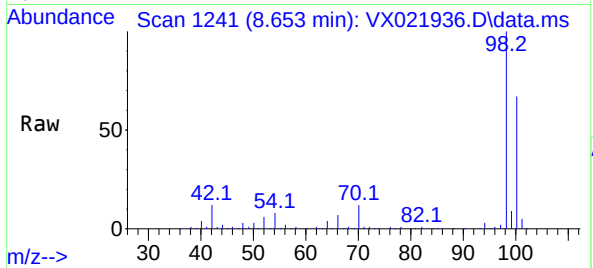
#63
Toluene-d8
Concen: 29.75 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 98 Resp: 130957
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

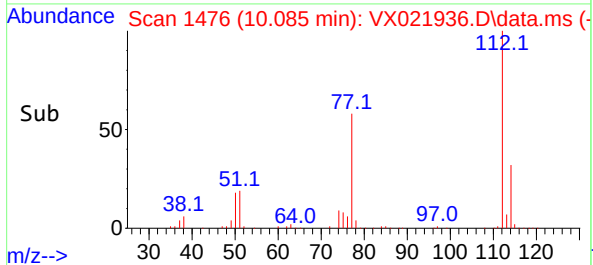
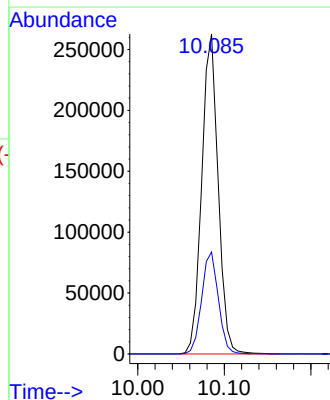
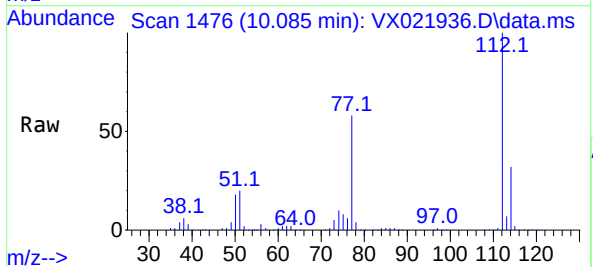
Manual Integrations
APPROVED

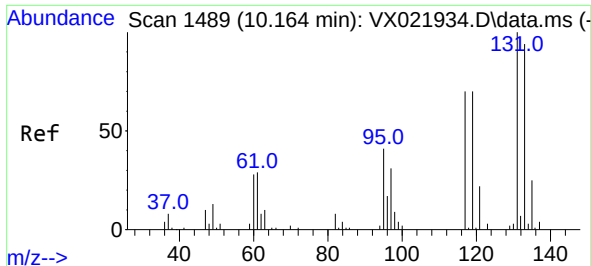
MMDadoda
5/13/2021 4:07:19 PM



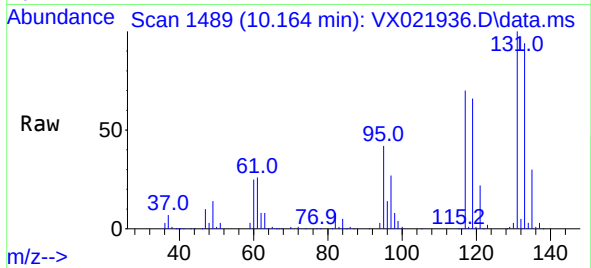
#64
Chlorobenzene
Concen: 104.80 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 112 Resp: 345670
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

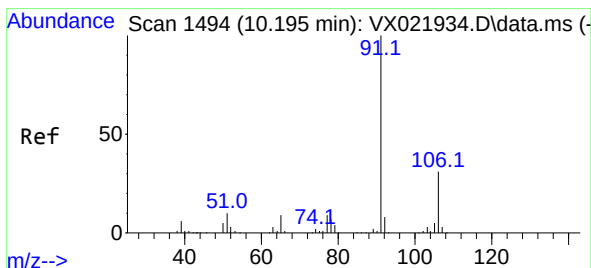
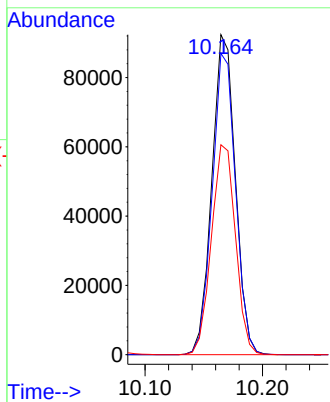
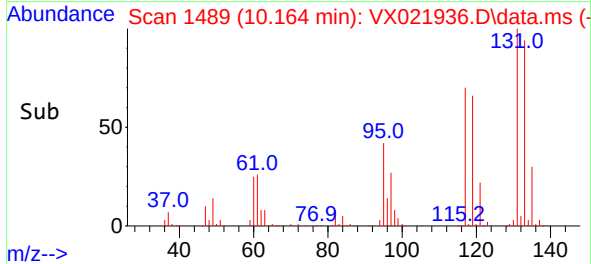




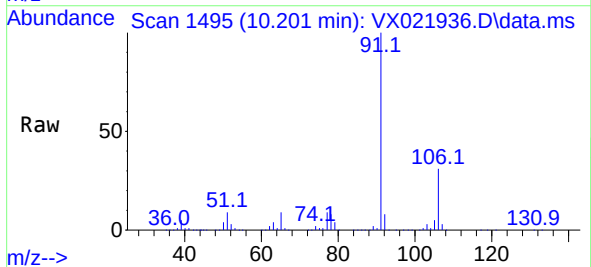
#65
1,1,1,2-Tetrachloroethane
Concen: 106.54 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



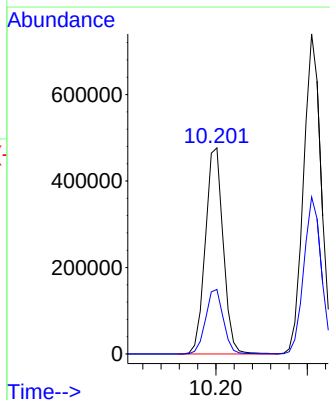
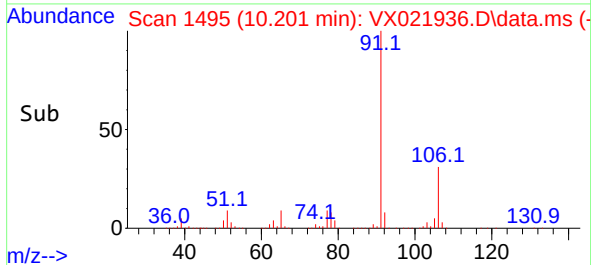
Tgt Ion:131 Resp: 128250
Ion Ratio Lower Upper
131 100
133 94.0 0.0 187.6
119 67.4 0.0 137.6



#66
Ethyl Benzene
Concen: 106.54 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



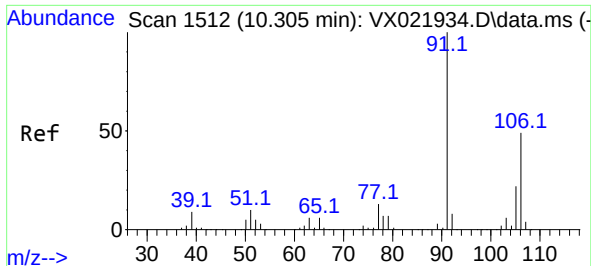
Tgt Ion: 91 Resp: 646520
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



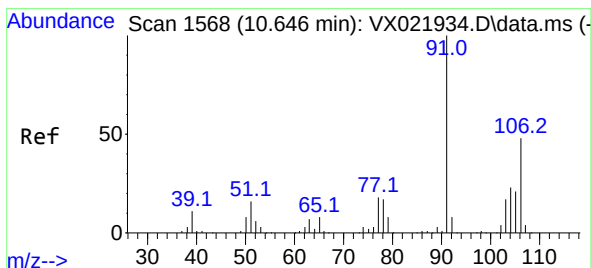
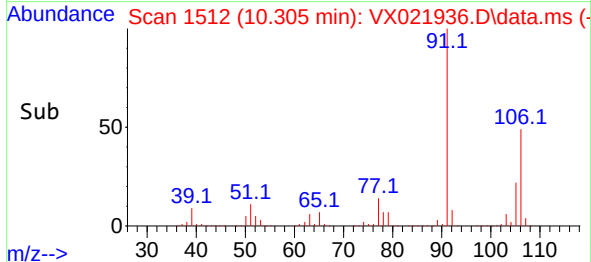
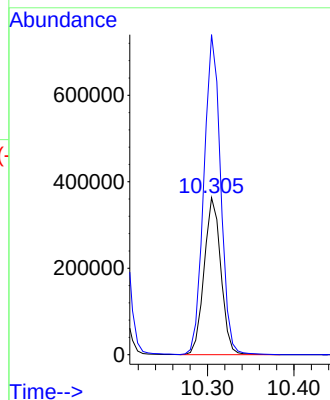
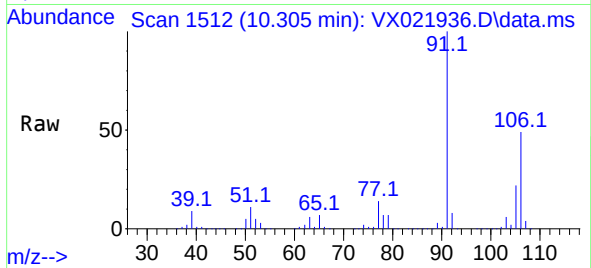
#67
m/p-Xylenes
Concen: 243.02 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion:106 Resp: 487770
Ion Ratio Lower Upper
106 100
91 203.7 166.0 249.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

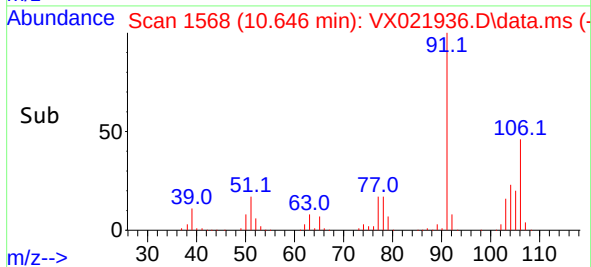
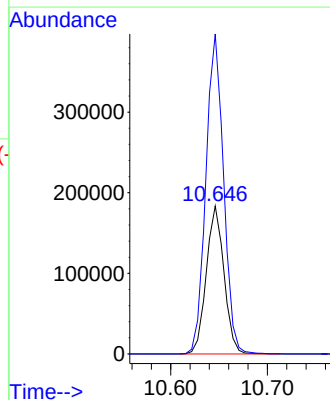
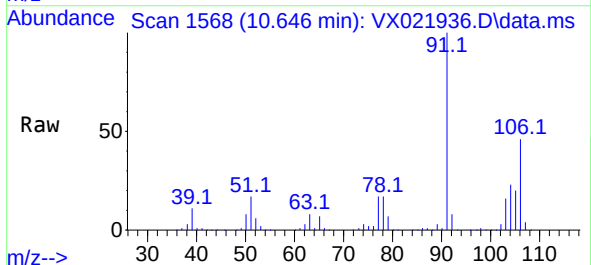
Manual Integrations
APPROVED

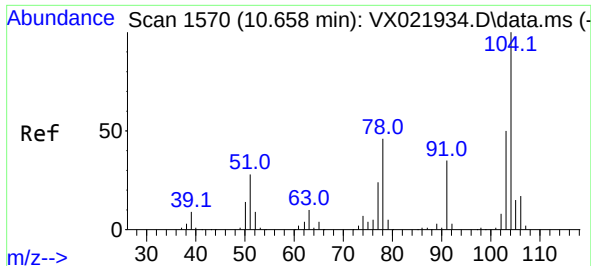
MMDadoda
5/13/2021 4:07:19 PM



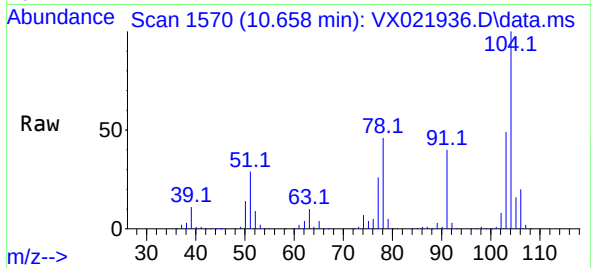
#68
o-Xylene
Concen: 104.52 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion:106 Resp: 234130
Ion Ratio Lower Upper
106 100
91 216.4 106.0 318.0

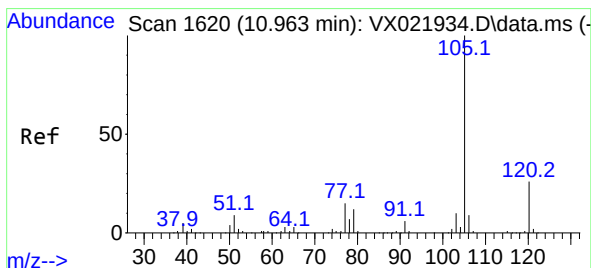
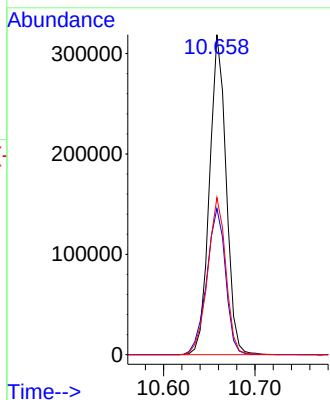
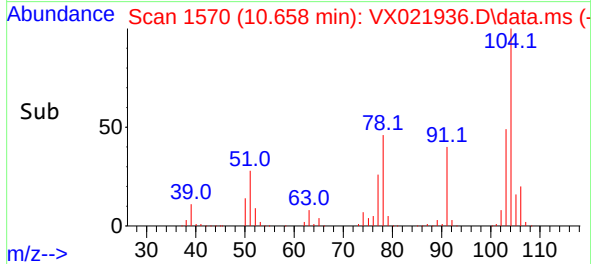




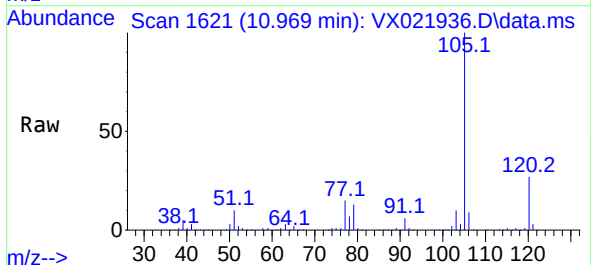
#69
Styrene
Concen: 107.60 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



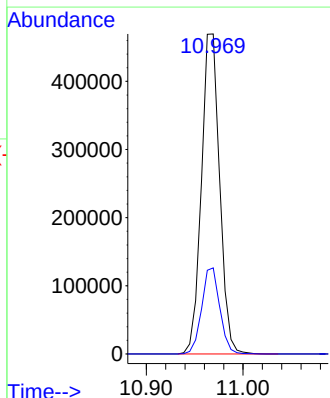
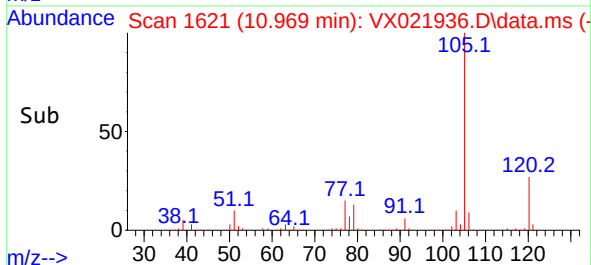
Tgt Ion:104 Resp: 403291
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 53.6 44.1 66.1



#70
Isopropylbenzene
Concen: 104.71 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



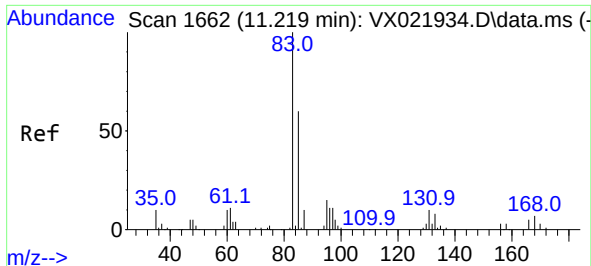
Tgt Ion:105 Resp: 616055
Ion Ratio Lower Upper
105 100
120 26.7 18.9 35.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

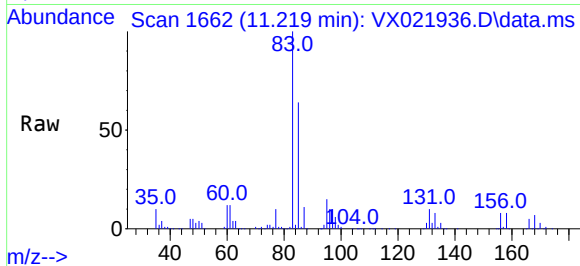
Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



#71
1,1,2,2-Tetrachloroethane
Concen: 106.93 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

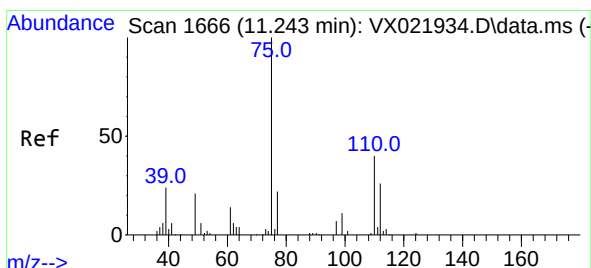
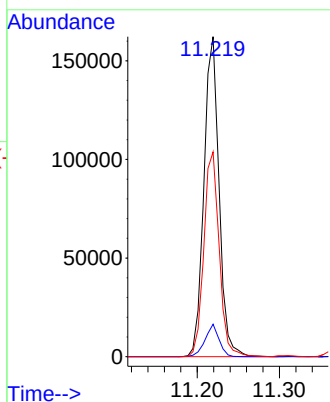
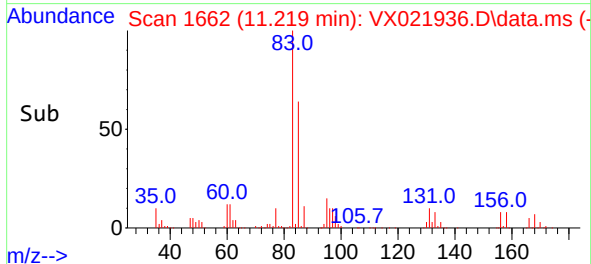
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



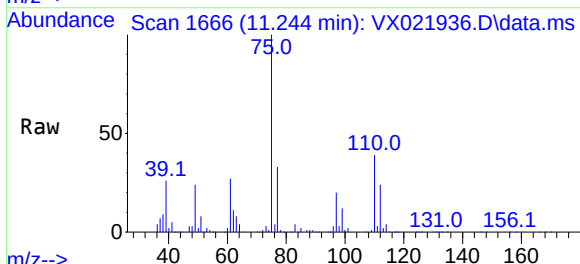
Tgt Ion: 83 Resp: 207425
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 64.9 30.8 92.3

Manual Integrations
APPROVED

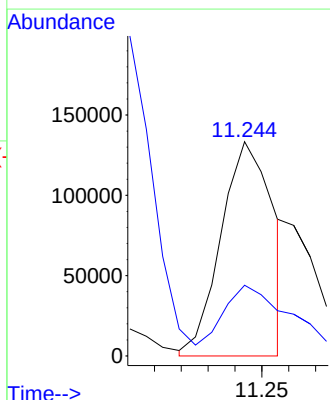
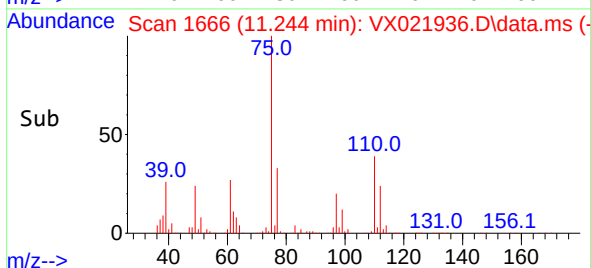
MMDadoda
5/13/2021 4:07:19 PM

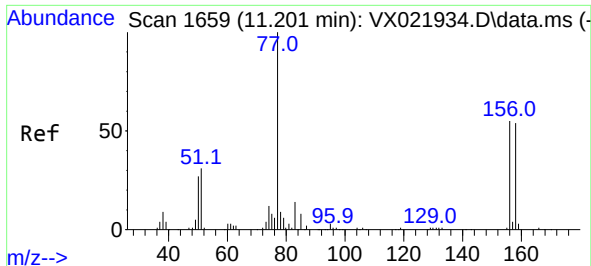


#72
1,2,3-Trichloropropane
Concen: 78.84 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

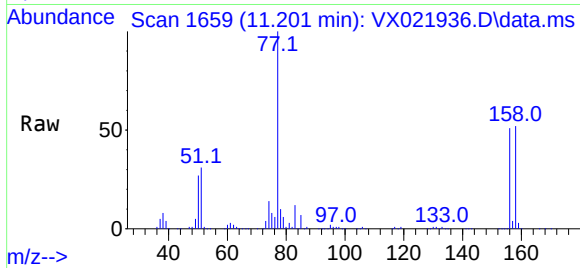


Tgt Ion: 75 Resp: 179409
Ion Ratio Lower Upper
75 100
77 44.2 0.0 33.0#

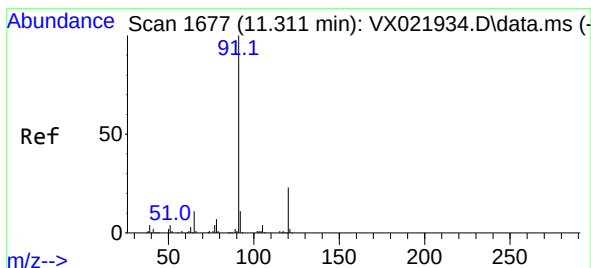
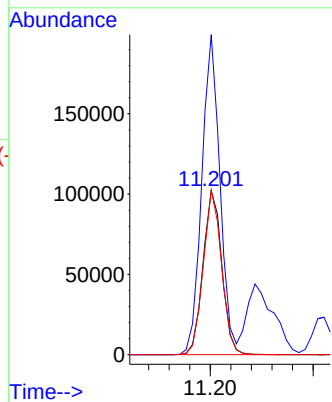
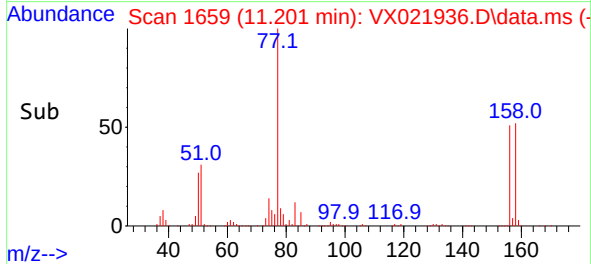




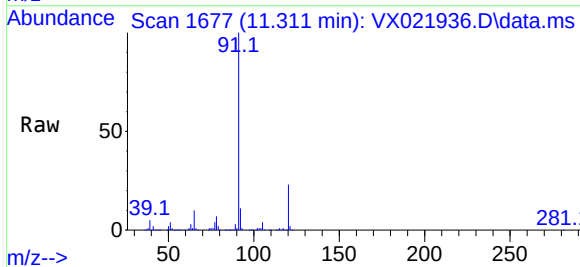
#73
Bromobenzene
Concen: 104.05 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



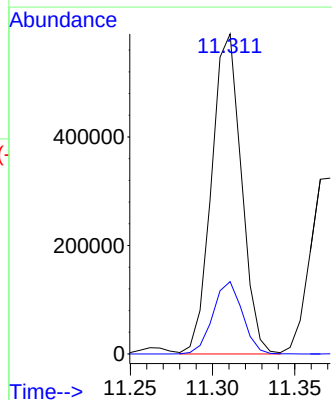
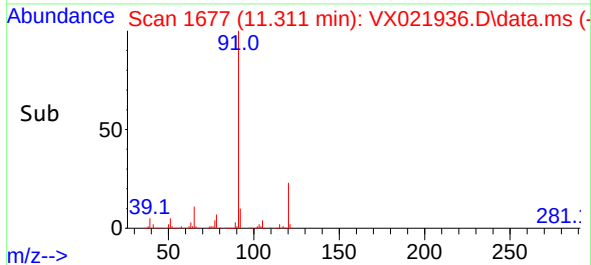
Tgt Ion:156 Resp: 129682
Ion Ratio Lower Upper
156 100
77 188.7 0.0 363.4
158 97.5 0.0 193.4



#74
n-propylbenzene
Concen: 108.57 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



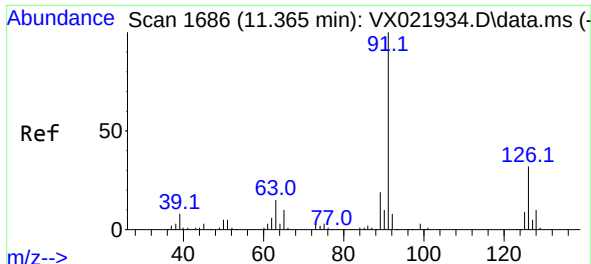
Tgt Ion: 91 Resp: 744564
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



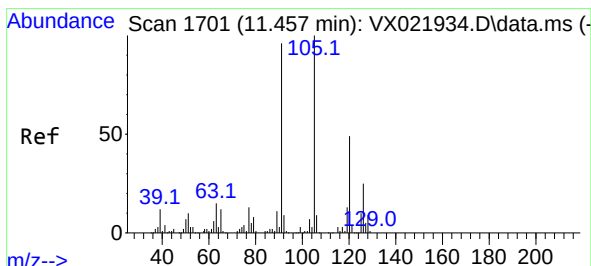
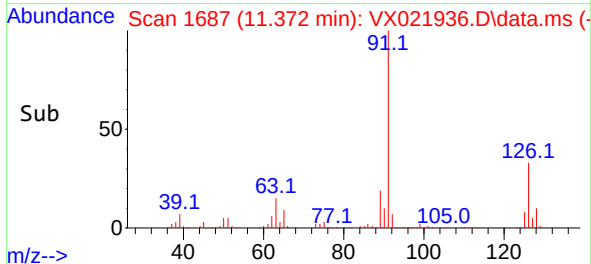
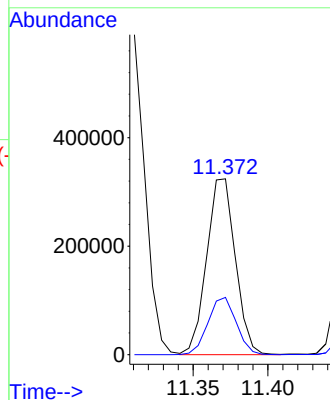
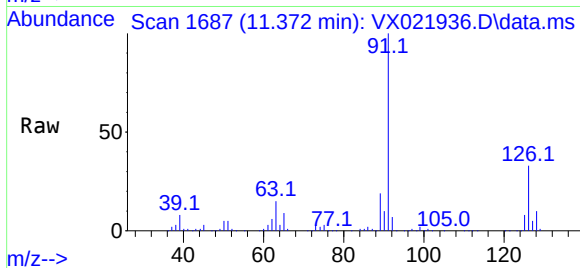
#75
2-Chlorotoluene
Concen: 106.63 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 91 Resp: 433078
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

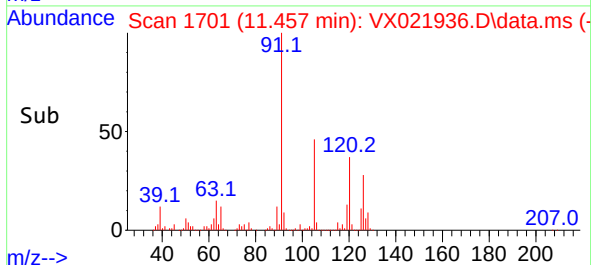
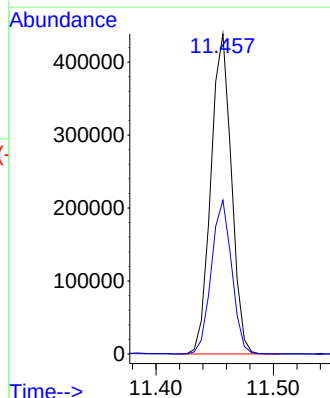
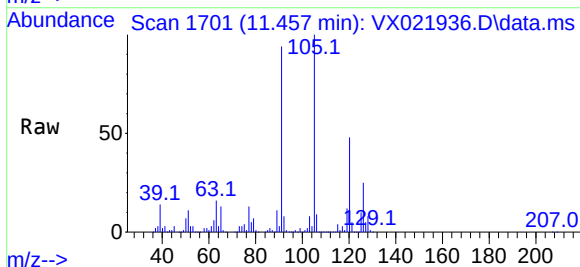
Manual Integrations
APPROVED

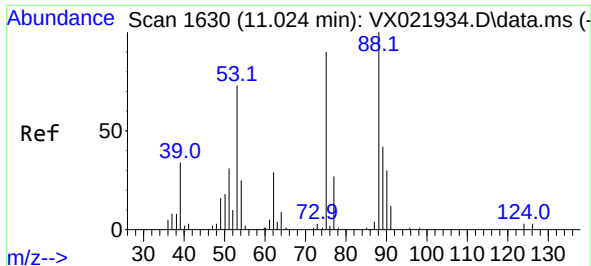
MMDadoda
5/13/2021 4:07:19 PM



#76
1,3,5-Trimethylbenzene
Concen: 108.26 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 105 Resp: 531839
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.2





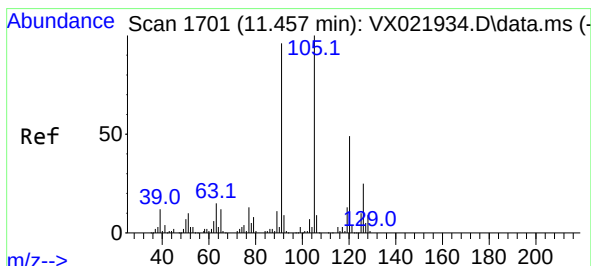
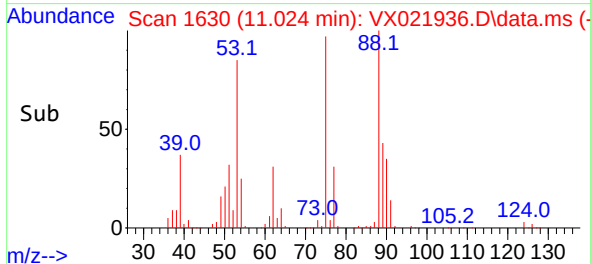
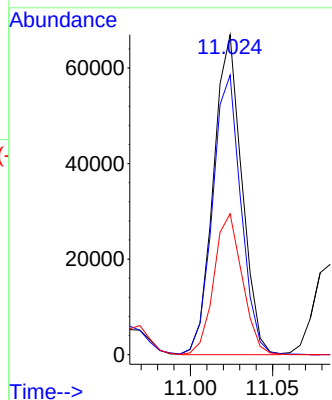
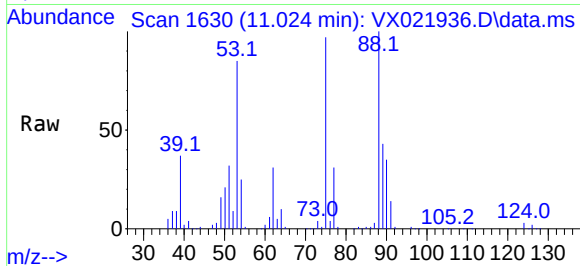
#77
t-1,4-Dichloro-2-butene
Concen: 115.75 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 80668
Ion Ratio Lower Upper
75 100
53 87.3 40.2 120.6
89 44.0 23.4 70.0

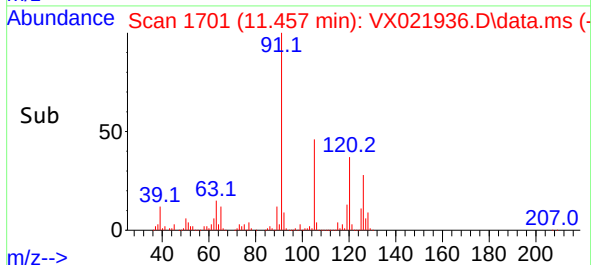
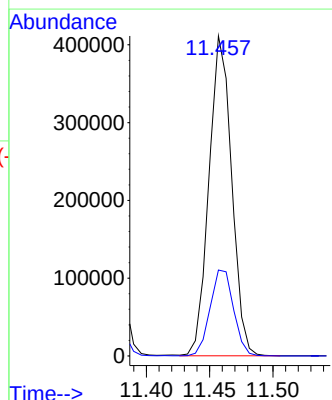
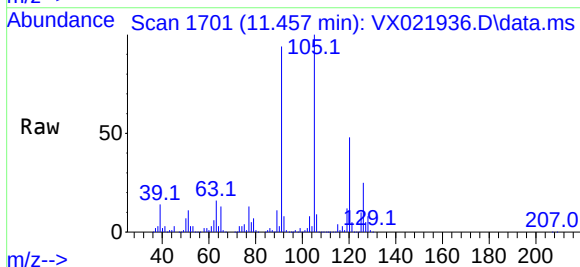
Manual Integrations
APPROVED

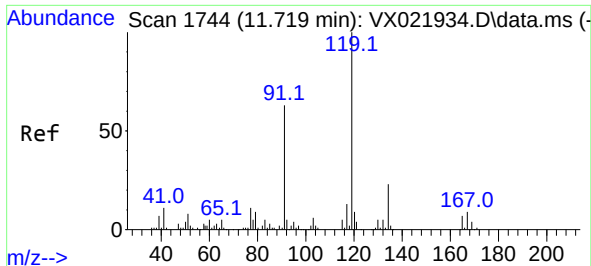
MMDadoda
5/13/2021 4:07:19 PM



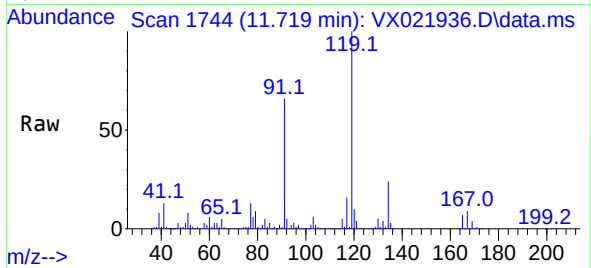
#78
4-Chlorotoluene
Concen: 109.73 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 91 Resp: 513006
Ion Ratio Lower Upper
91 100
126 27.9 0.0 55.8

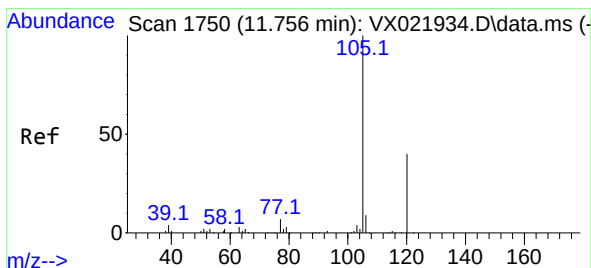
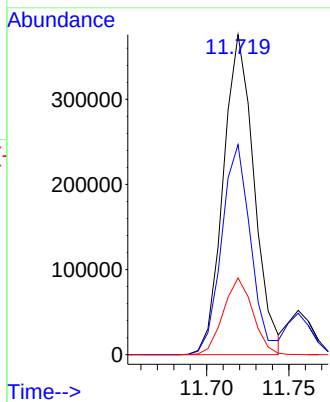
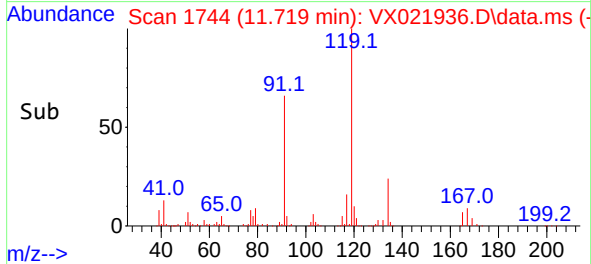




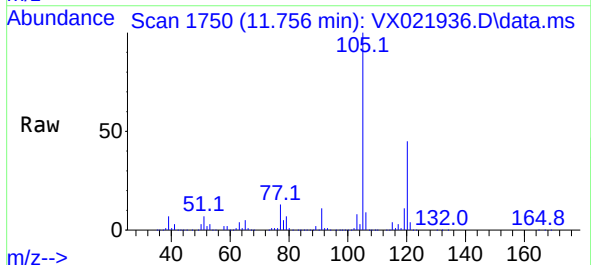
#79
tert-butylbenzene
Concen: 104.27 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



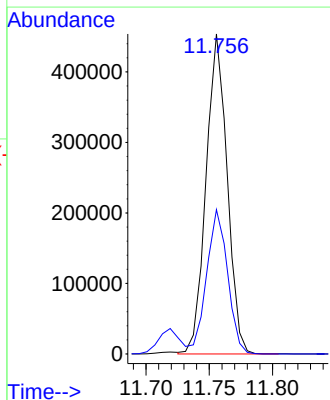
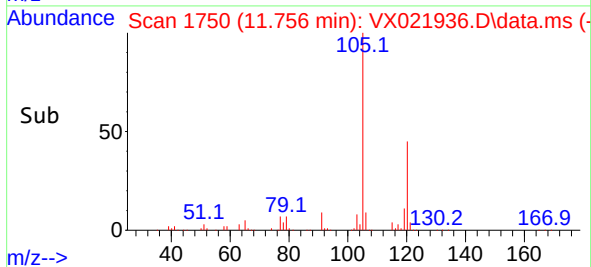
Tgt Ion:119 Resp: 489871
Ion Ratio Lower Upper
119 100
91 62.5 0.0 123.0
134 22.9 0.0 45.4



#80
1,2,4-Trimethylbenzene
Concen: 107.16 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



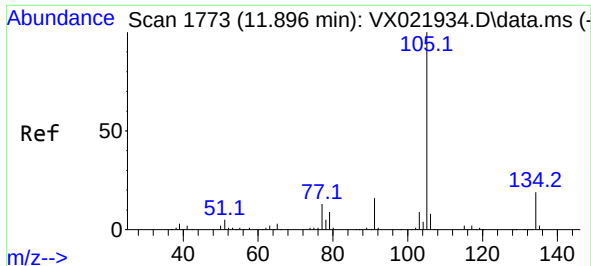
Tgt Ion:105 Resp: 526089
Ion Ratio Lower Upper
105 100
120 45.0 0.0 91.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



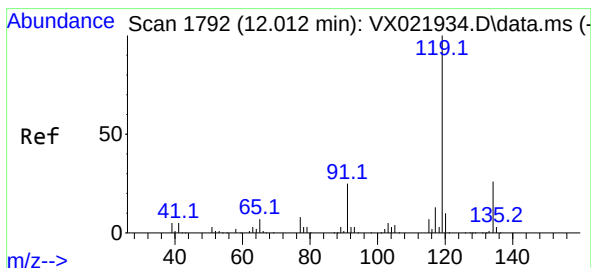
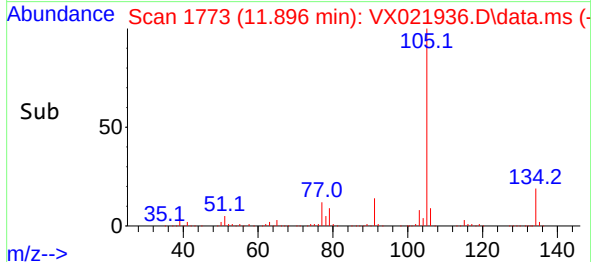
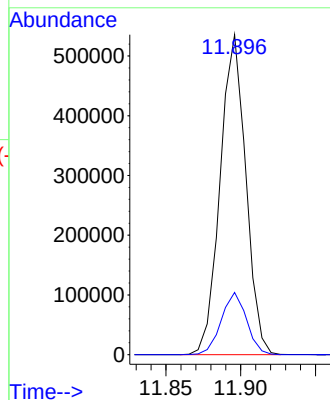
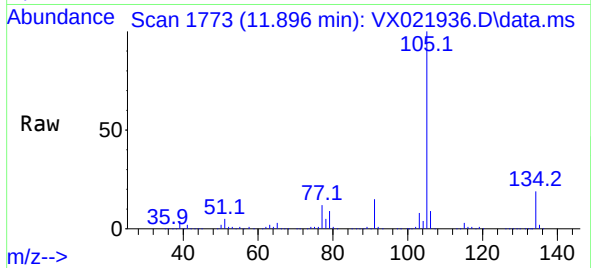
#81
sec-Butylbenzene
Concen: 108.33 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 639665
Ion Ratio Lower Upper
105 100
134 19.2 0.0 38.8

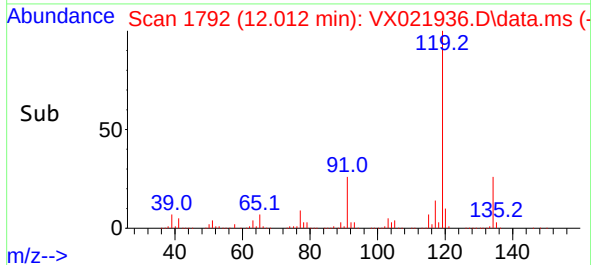
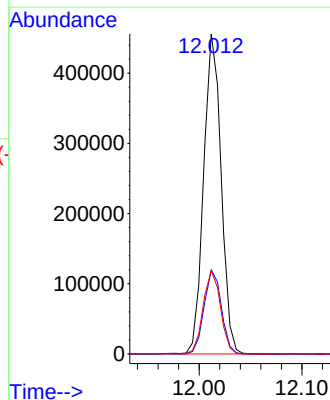
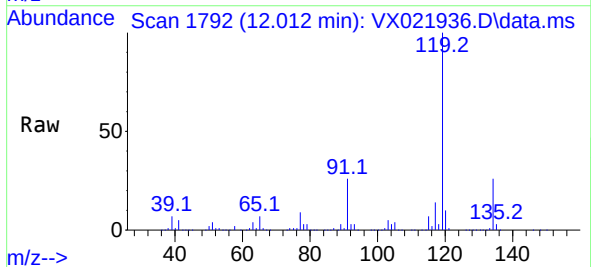
Manual Integrations
APPROVED

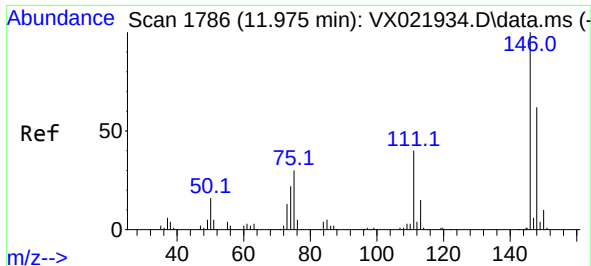
MMDadoda
5/13/2021 4:07:19 PM



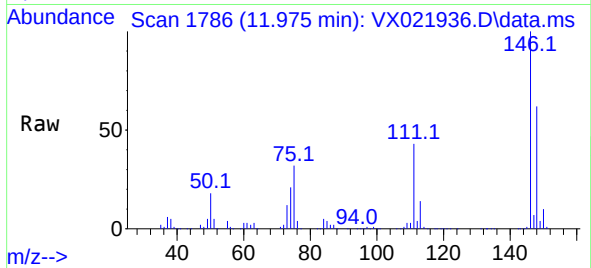
#82
p-Isopropyltoluene
Concen: 109.01 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion:119 Resp: 539597
Ion Ratio Lower Upper
119 100
134 26.0 0.0 50.4
91 25.8 0.0 51.0

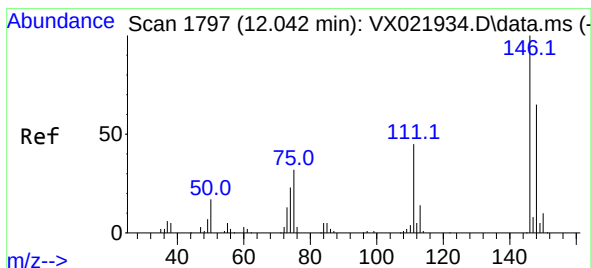
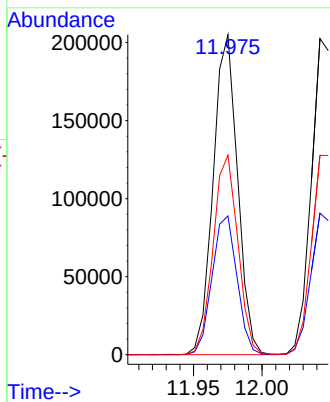
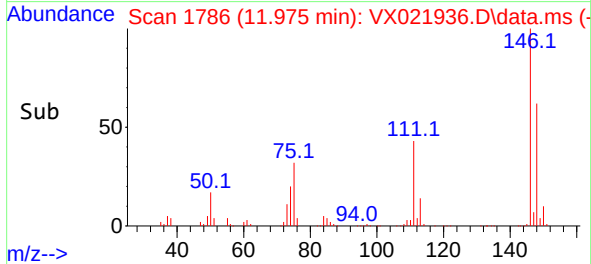




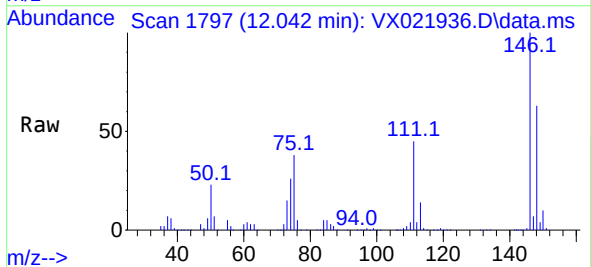
#83
1,3-Dichlorobenzene
Concen: 107.53 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



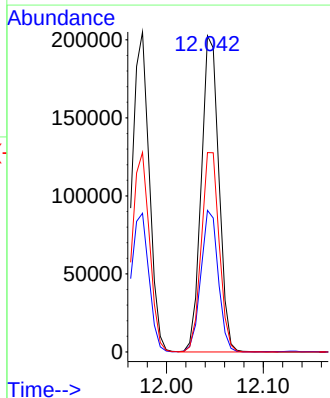
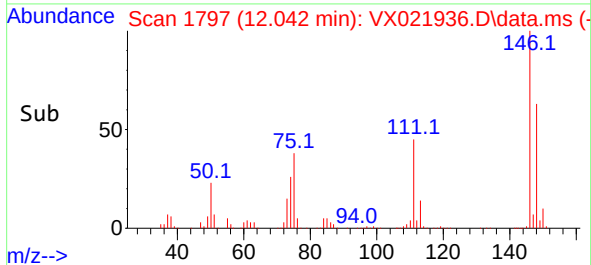
Tgt Ion:146 Resp: 254094
Ion Ratio Lower Upper
146 100
111 44.4 22.1 66.5
148 63.1 31.1 93.5



#84
1,4-Dichlorobenzene
Concen: 108.35 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



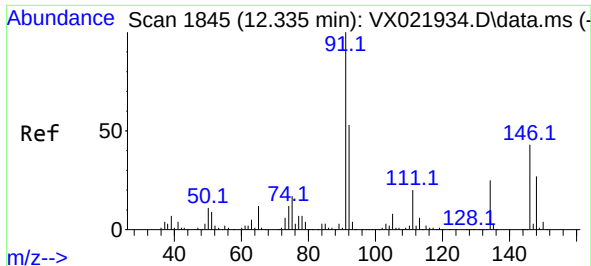
Tgt Ion:146 Resp: 256821
Ion Ratio Lower Upper
146 100
111 44.2 21.0 63.0
148 64.0 31.6 95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



#85
n-Butylbenzene
Concen: 114.96 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

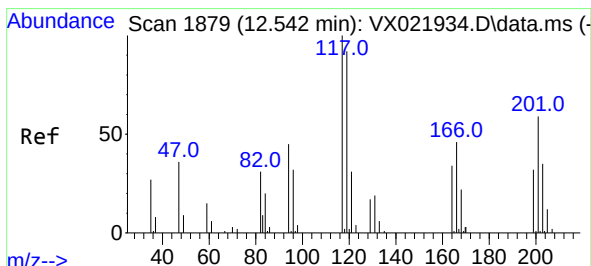
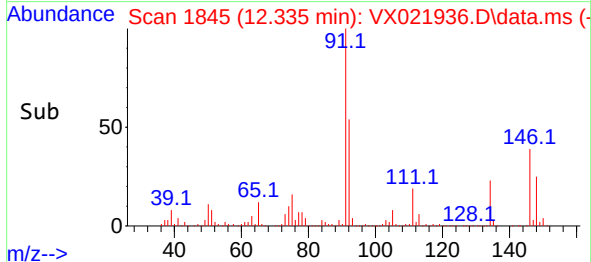
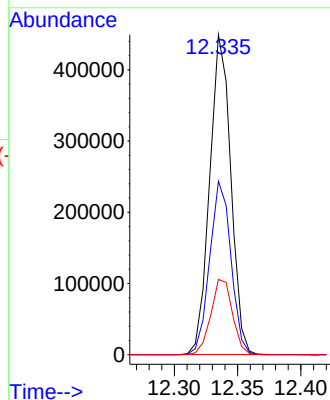
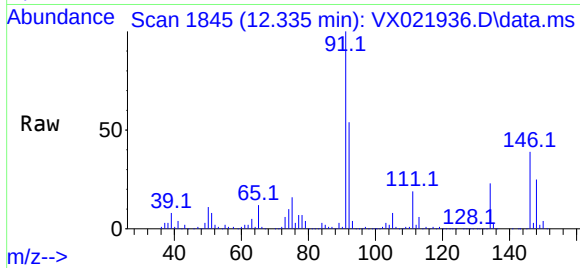
Tgt Ion: 91 Resp: 521594

Ion	Ratio	Lower	Upper
91	100		
92	54.6	0.0	111.0
134	24.1	0.0	49.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

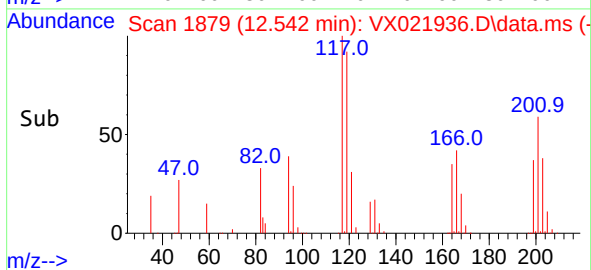
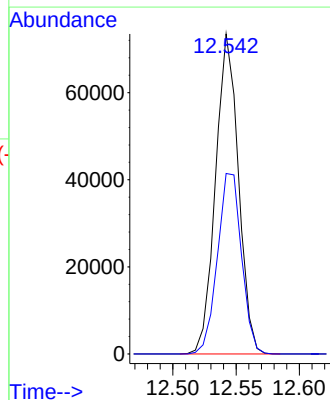
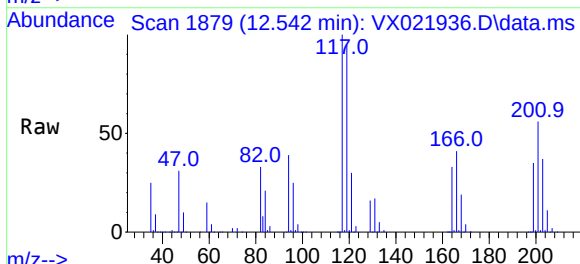
MMDadoda
5/13/2021 4:07:19 PM

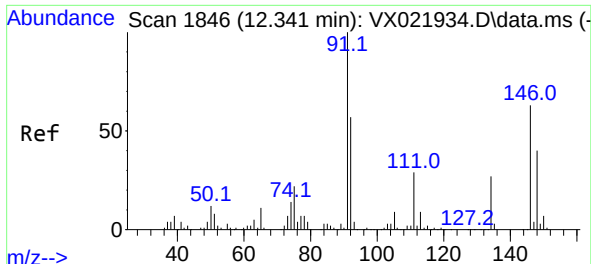


#86
Hexachloroethane
Concen: 112.16 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 117 Resp: 92265

Ion	Ratio	Lower	Upper
117	100		
201	59.4	30.9	92.8





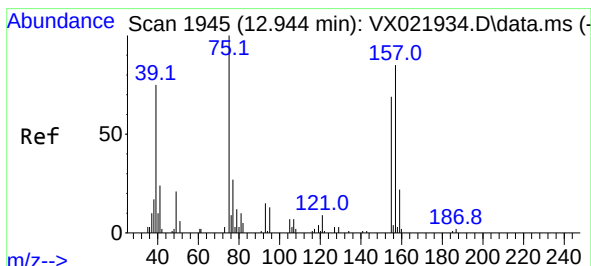
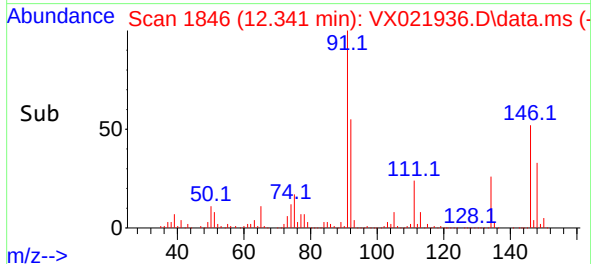
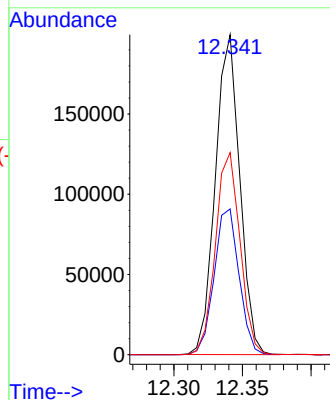
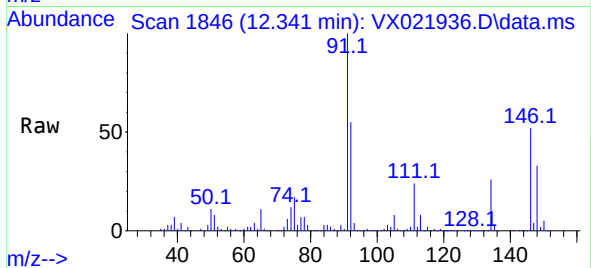
#87
1,2-Dichlorobenzene
Concen: 108.16 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 146 Resp: 247574
Ion Ratio Lower Upper
146 100
111 46.4 22.9 68.8
148 63.5 31.9 95.9

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

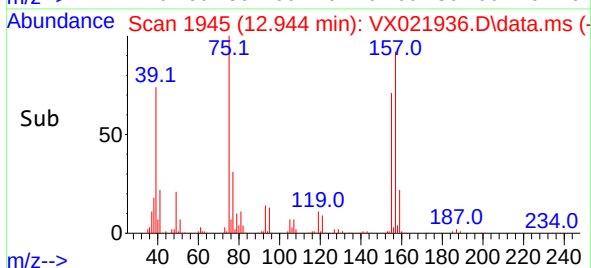
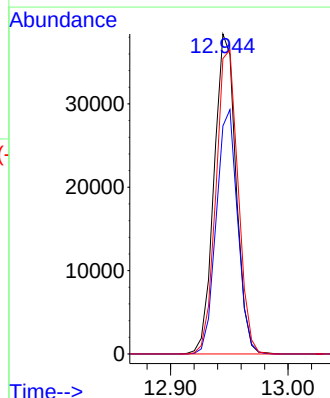
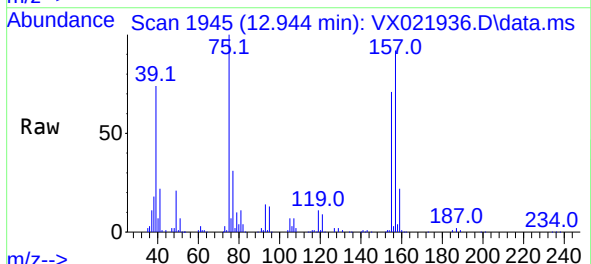
Manual Integrations
APPROVED

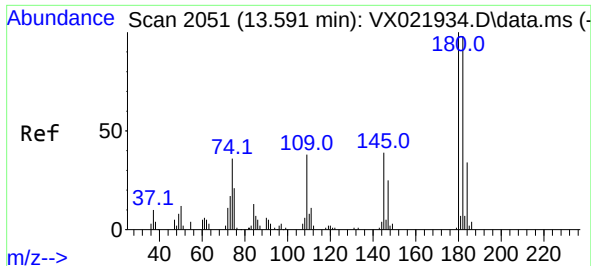
MMDadoda
5/13/2021 4:07:19 PM



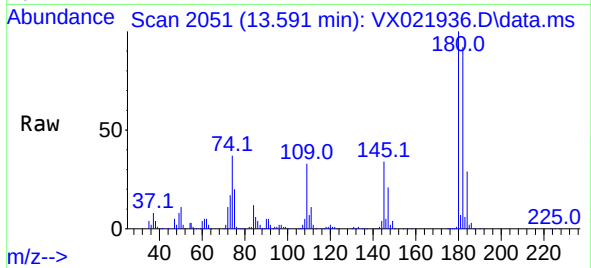
#88
1,2-Dibromo-3-Chloropropane
Concen: 115.16 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57

Tgt Ion: 75 Resp: 49739
Ion Ratio Lower Upper
75 100
155 74.3 64.6 97.0
157 95.7 75.8 113.6

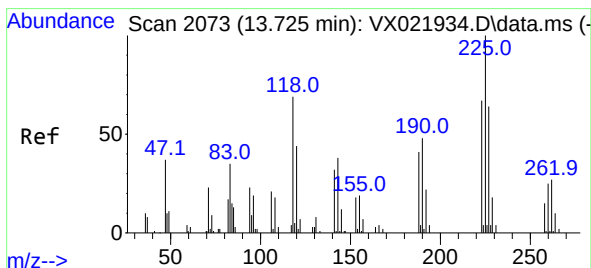
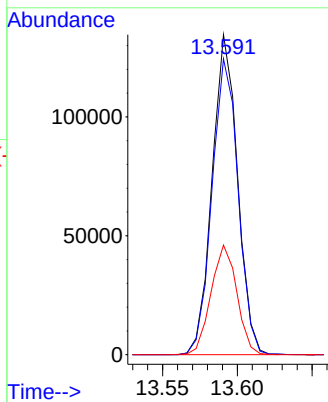
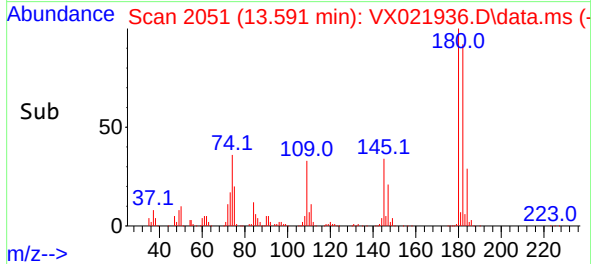




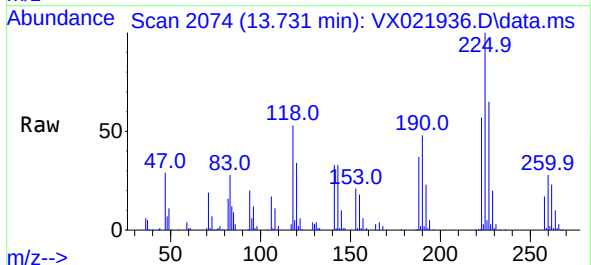
#89
1,2,4-Trichlorobenzene
Concen: 113.62 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



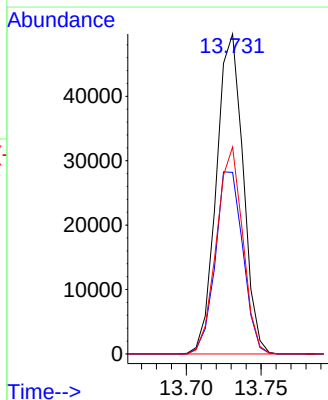
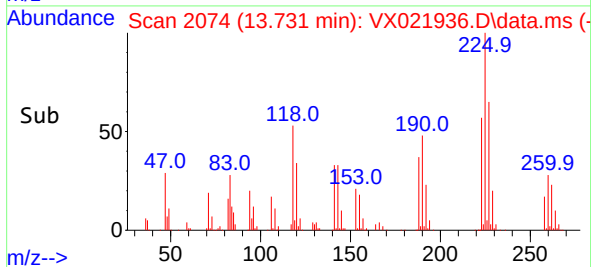
Tgt Ion:180 Resp: 159305
Ion Ratio Lower Upper
180 100
182 94.5 77.8 116.6
145 34.8 30.0 45.0



#90
Hexachlorobutadiene
Concen: 113.76 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



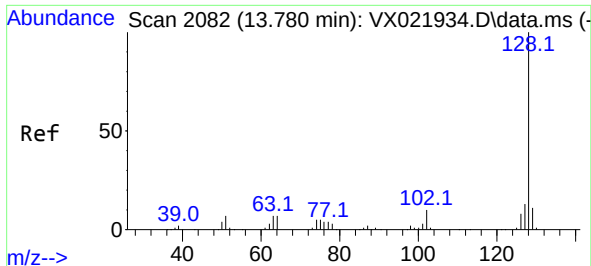
Tgt Ion:225 Resp: 61711
Ion Ratio Lower Upper
225 100
223 58.9 0.0 128.0
227 63.5 0.0 129.6



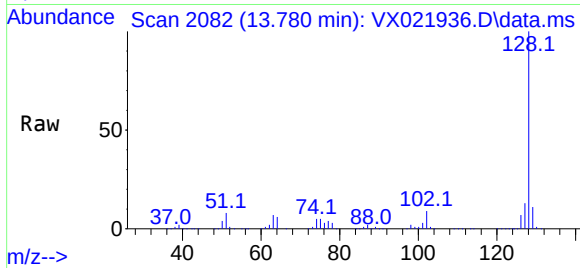
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

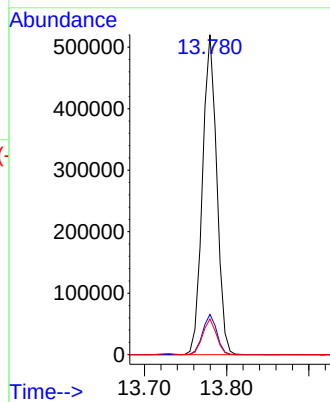
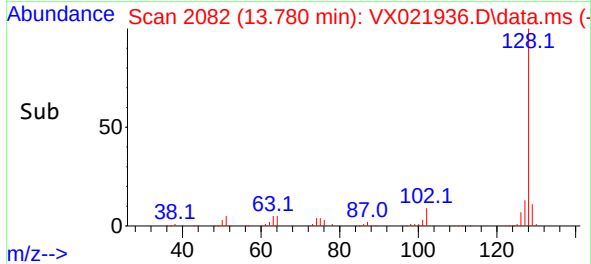
MMDadoda
5/13/2021 4:07:19 PM



#91
Naphthalene
Concen: 113.84 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



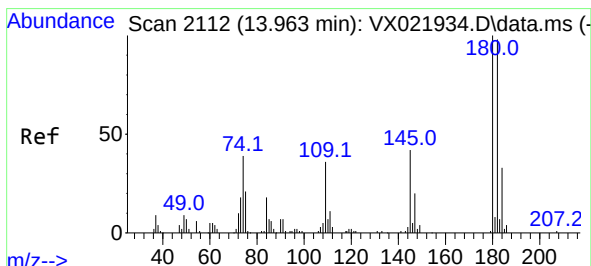
Tgt Ion:128 Resp: 626106
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.8 9.2 13.8



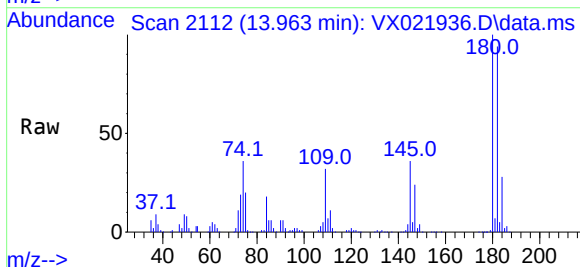
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:07:19 PM



#92
1,2,3-Trichlorobenzene
Concen: 113.74 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX021936.D
Acq: 12 May 2021 18:57



Tgt Ion:180 Resp: 158326
Ion Ratio Lower Upper
180 100
182 95.3 0.0 192.6
145 36.6 0.0 75.8

