

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039943.D
 Acq On : 25 Jan 2024 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 26 01:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/26/2024
 Supervised By : Semsettin Yesilyurt 01/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67002	45.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.740%		
35) Dibromofluoromethane	5.379	113	49265	48.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	8.647	98	181915	47.556	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.120%		
62) 4-Bromofluorobenzene	11.079	95	78157	52.249	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	58753	52.080	ug/l	99
3) Chloromethane	1.294	50	57602	44.709	ug/l	100
4) Vinyl Chloride	1.374	62	56696	46.629	ug/l	99
5) Bromomethane	1.599	94	36131	52.080	ug/l	97
6) Chloroethane	1.679	64	34565	50.007	ug/l	99
7) Trichlorofluoromethane	1.886	101	89782	51.188	ug/l	98
8) Diethyl Ether	2.130	74	29935	46.183	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	55078	50.651	ug/l	98
10) Methyl Iodide	2.447	142	59935	52.247	ug/l	97
11) Tert butyl alcohol	2.959	59	87811	230.954	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	50861	48.465	ug/l	93
13) Acrolein	2.233	56	49754	210.332	ug/l	99
14) Allyl chloride	2.660	41	94458	45.732	ug/l	97
15) Acrylonitrile	3.056	53	175288	223.189	ug/l	99
16) Acetone	2.373	43	196449	239.153	ug/l	94
17) Carbon Disulfide	2.508	76	144966	48.061	ug/l	100
18) Methyl Acetate	2.697	43	90969	52.934	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	174624	46.870	ug/l	99
20) Methylene Chloride	2.788	84	57644	46.393	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	54311	49.178	ug/l	98
22) Diisopropyl ether	3.751	45	185070	46.952	ug/l	93
23) Vinyl Acetate	3.715	43	868793	237.117	ug/l	100
24) 1,1-Dichloroethane	3.605	63	103439	47.701	ug/l	99
25) 2-Butanone	4.544	43	269801	228.556	ug/l	99
26) 2,2-Dichloropropane	4.471	77	83534	47.997	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	61890	48.861	ug/l	99
28) Bromochloromethane	4.891	49	50192	51.063	ug/l	96
29) Tetrahydrofuran	4.995	42	168139	221.295	ug/l	99
30) Chloroform	5.086	83	109300	51.059	ug/l	100
31) Cyclohexane	5.464	56	90101	46.741	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	94408	51.514	ug/l	99
36) 1,1-Dichloropropene	5.684	75	78618	49.799	ug/l	99
37) Ethyl Acetate	4.702	43	94742	44.984	ug/l	99
38) Carbon Tetrachloride	5.672	117	77647	53.700	ug/l	98
39) Methylcyclohexane	7.379	83	97245	51.297	ug/l	97
40) Benzene	6.031	78	222847	49.850	ug/l	99

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 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 26 01:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	52936	51.398	ug/l	97
42) 1,2-Dichloroethane	6.080	62	92105	54.194	ug/l	98
43) Isopropyl Acetate	6.330	43	155033	50.179	ug/l	98
44) Trichloroethene	7.123	130	56757	51.805	ug/l	96
45) 1,2-Dichloropropane	7.427	63	60780	50.684	ug/l	99
46) Dibromomethane	7.580	93	44253	53.427	ug/l	96
47) Bromodichloromethane	7.818	83	84939	55.369	ug/l	97
48) Methyl methacrylate	7.690	41	77049	50.736	ug/l	95
49) 1,4-Dioxane	7.653	88	24825	844.818	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	529385	248.791	ug/l	98
52) Toluene	8.714	92	142606	53.408	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	91696	56.331	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	95950	53.607	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	59016	51.914	ug/l	93
56) Ethyl methacrylate	9.110	69	96820	52.622	ug/l	95
57) 1,3-Dichloropropane	9.305	76	99840	51.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	212039	243.814	ug/l	96
59) 2-Hexanone	9.427	43	438108	260.150	ug/l	97
60) Dibromochloromethane	9.519	129	62482	58.281	ug/l	99
61) 1,2-Dibromoethane	9.604	107	63503	53.942	ug/l	99
64) Tetrachloroethene	9.269	164	46757	50.277	ug/l	97
65) Chlorobenzene	10.079	112	151329	50.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55631	54.851	ug/l	99
67) Ethyl Benzene	10.189	91	287123	51.922	ug/l	96
68) m/p-Xylenes	10.299	106	215579	106.002	ug/l	96
69) o-Xylene	10.640	106	102516	50.901	ug/l	91
70) Styrene	10.653	104	177256	53.877	ug/l	98
71) Bromoform	10.799	173	43959	57.722	ug/l #	100
73) Isopropylbenzene	10.957	105	283498	48.432	ug/l	99
74) N-amyl acetate	10.842	43	146934	48.156	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	102508	45.860	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88884m	46.631	ug/l	
77) Bromobenzene	11.195	156	61908	47.500	ug/l	94
78) n-propylbenzene	11.305	91	355928	50.238	ug/l	97
79) 2-Chlorotoluene	11.360	91	207959	47.493	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	245753	49.432	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	28455	45.071	ug/l	98
82) 4-Chlorotoluene	11.451	91	245959	49.521	ug/l	98
83) tert-Butylbenzene	11.713	119	232027	48.885	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	247293	49.858	ug/l	100
85) sec-Butylbenzene	11.890	105	316198	51.320	ug/l	98
86) p-Isopropyltoluene	12.006	119	257781	52.349	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	125104	50.075	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	127136	49.271	ug/l	98
89) n-Butylbenzene	12.329	91	259393	54.539	ug/l	96
90) Hexachloroethane	12.536	117	43718	52.626	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	120296	48.705	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26414	48.225	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	77081	51.068	ug/l	99
94) Hexachlorobutadiene	13.725	225	34670	55.256	ug/l	99
95) Naphthalene	13.774	128	270577	48.695	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	76310	50.094	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050

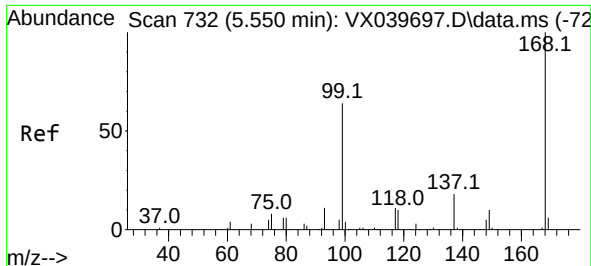
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

Quant Time: Jan 26 01:28:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

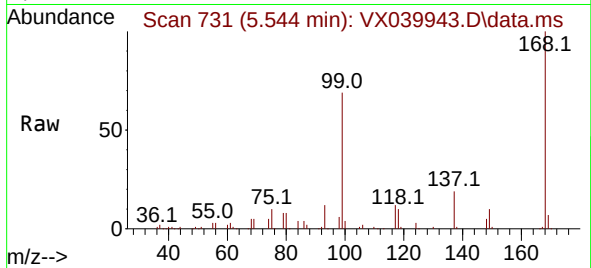
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

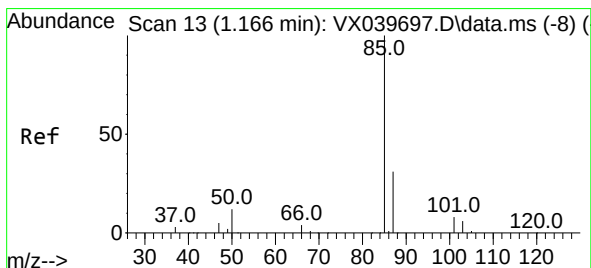
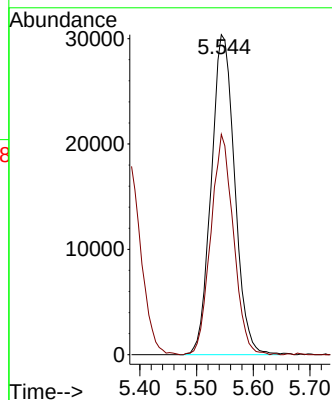
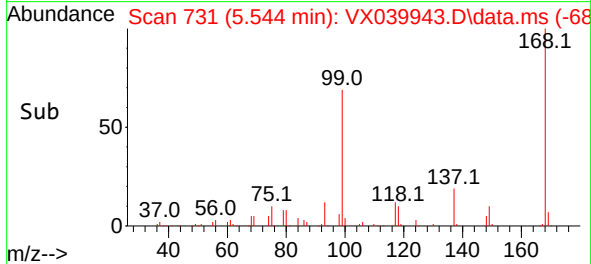
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 87193
Ion Ratio Lower Upper
168 100
99 68.8 56.6 85.0

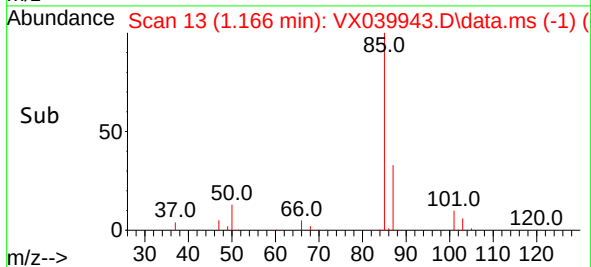
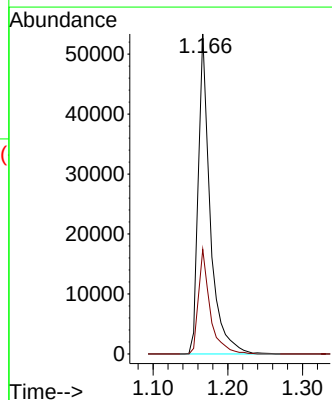
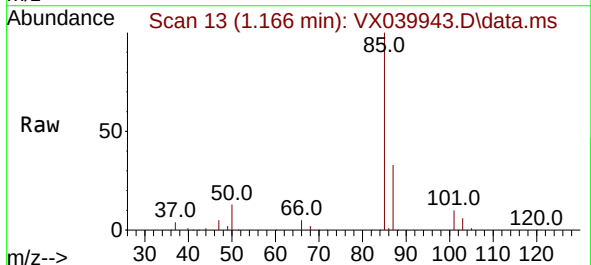
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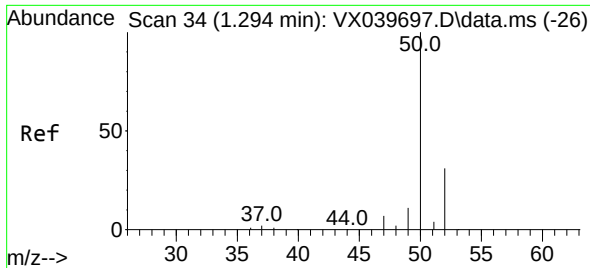
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#2
Dichlorodifluoromethane
Concen: 52.080 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 85 Resp: 58753
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





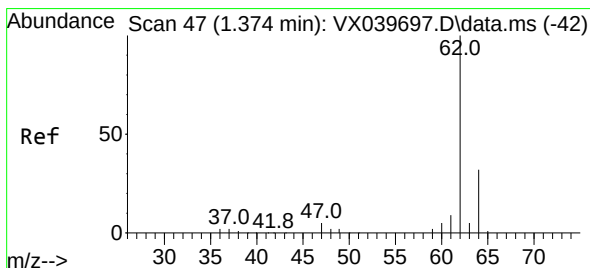
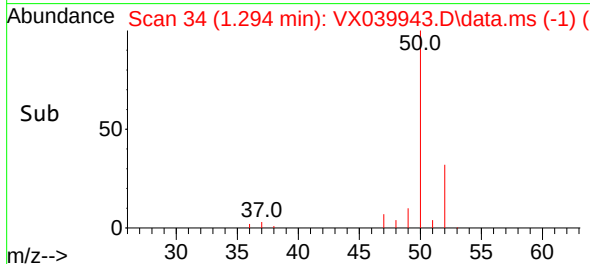
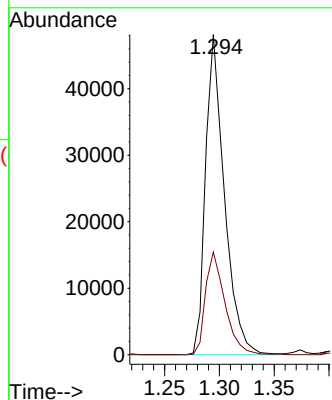
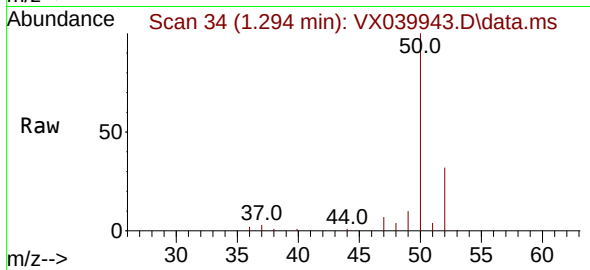
#3
Chloromethane
Concen: 44.709 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 57602
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

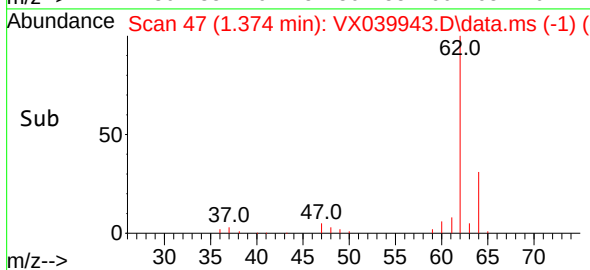
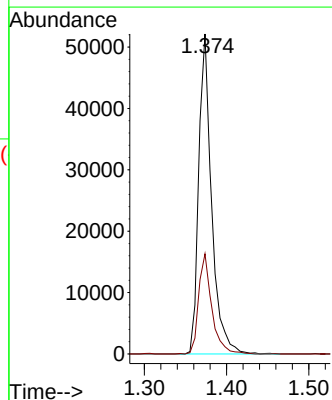
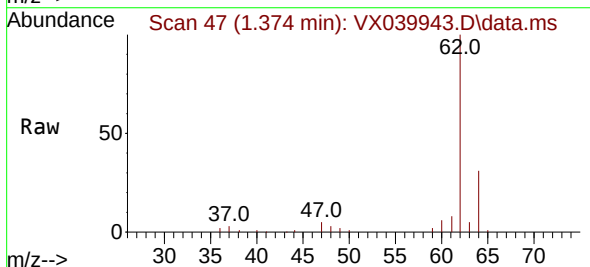
Manual Integrations
APPROVED

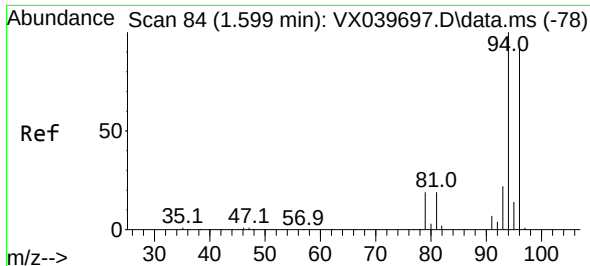
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#4
Vinyl Chloride
Concen: 46.629 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

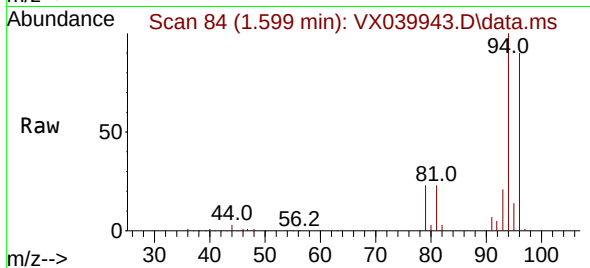
Tgt Ion: 62 Resp: 56696
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 52.080 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

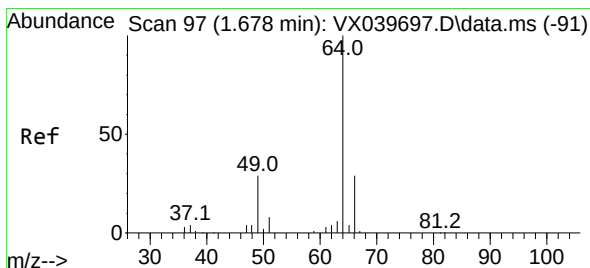
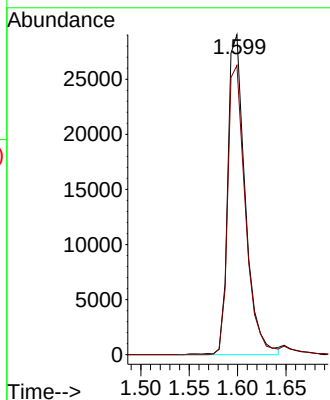
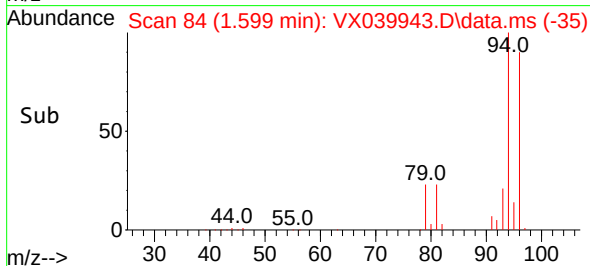
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 3613
Ion Ratio Lower Upper
94 100
96 90.4 74.6 111.8

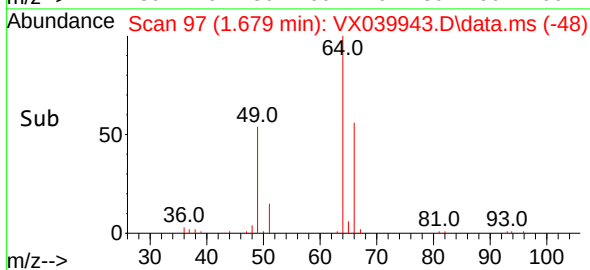
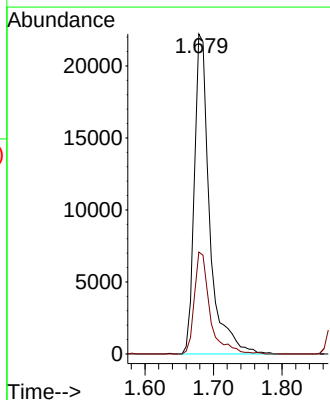
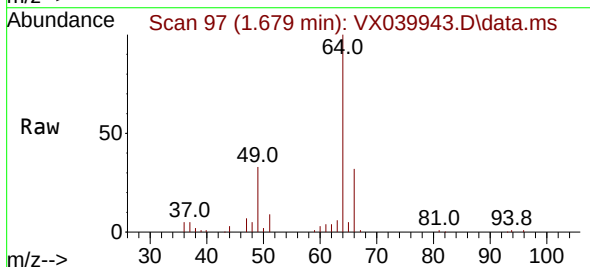
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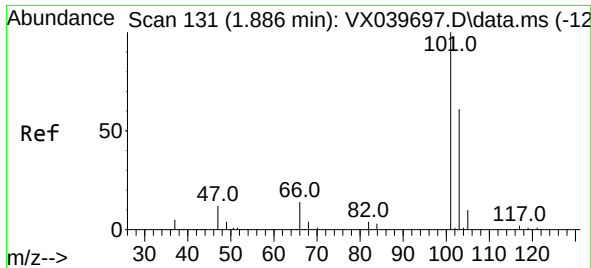
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#6
Chloroethane
Concen: 50.007 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 64 Resp: 34565
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7





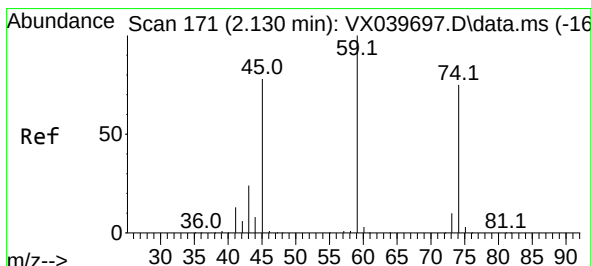
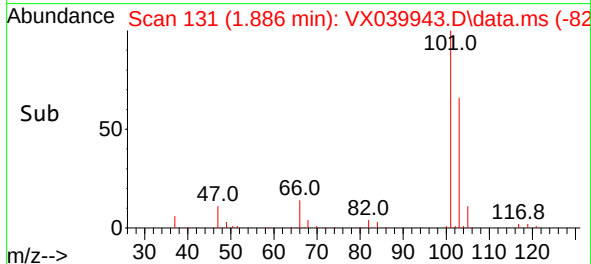
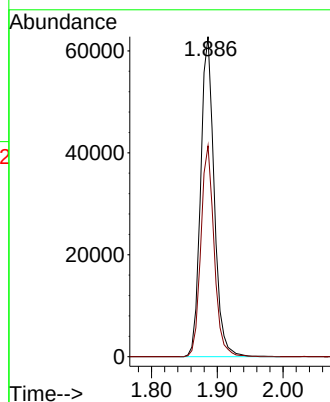
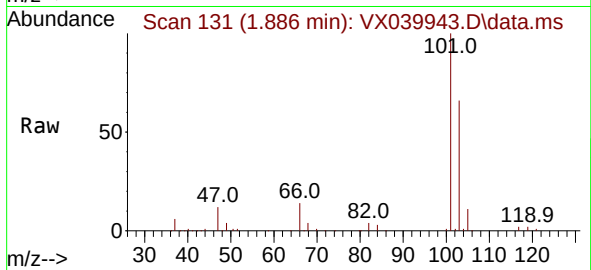
#7
Trichlorofluoromethane
Concen: 51.188 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8978
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

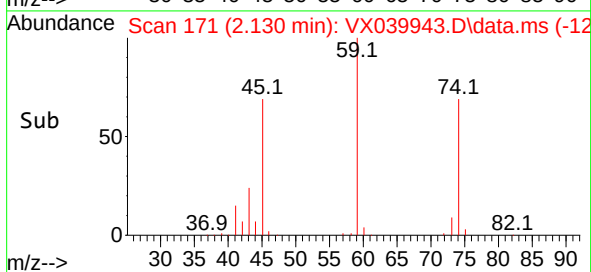
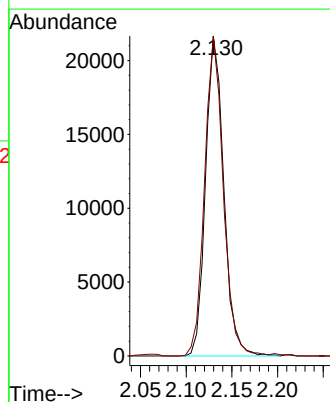
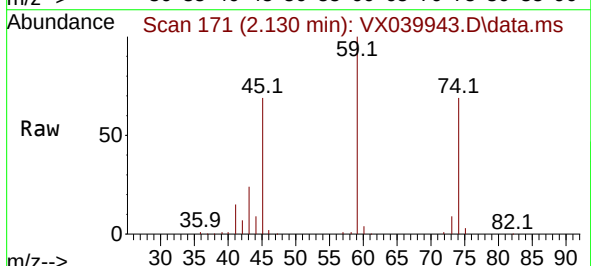
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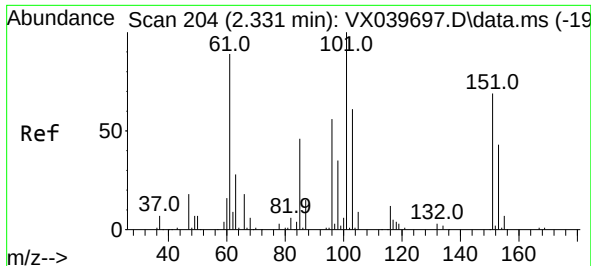
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#8
Diethyl Ether
Concen: 46.183 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039943.D
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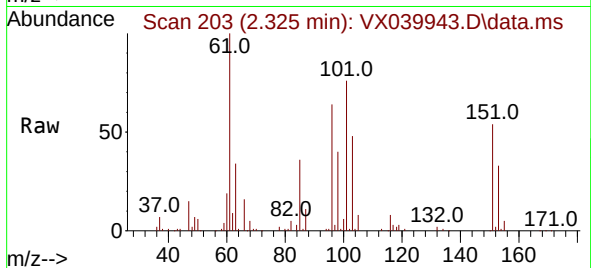
Tgt Ion: 74 Resp: 29935
Ion Ratio Lower Upper
74 100
45 102.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.651 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039943.D
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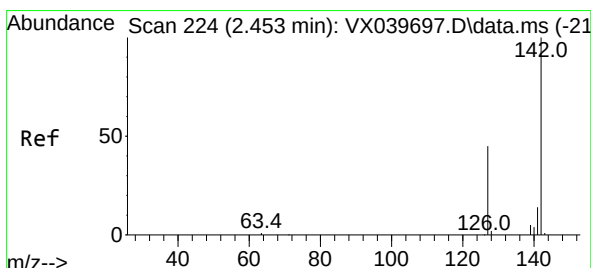
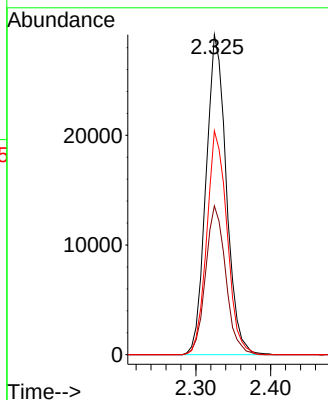
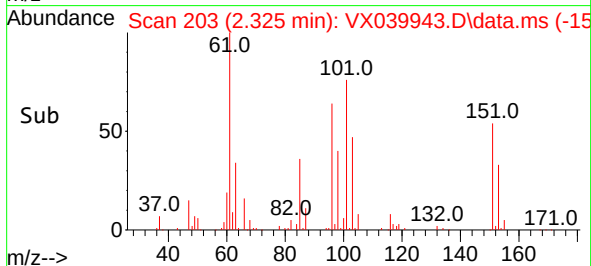
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



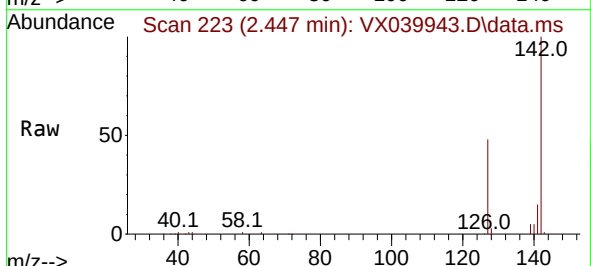
Tgt Ion:101 Resp: 55078
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 70.0 58.6 87.8

Manual Integrations
APPROVED

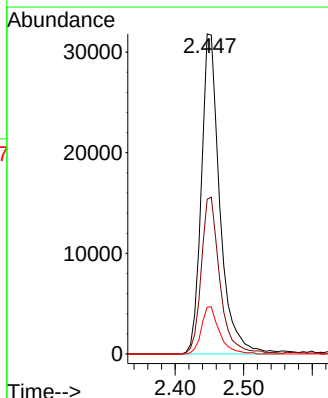
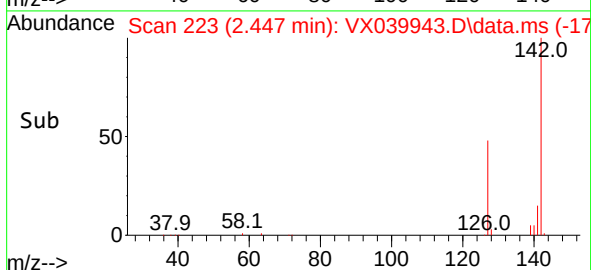
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

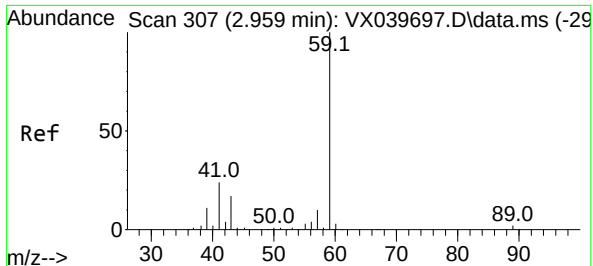


#10
Methyl Iodide
Concen: 52.247 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20



Tgt Ion:142 Resp: 59935
Ion Ratio Lower Upper
142 100
127 49.3 41.6 62.4
141 14.3 11.6 17.4





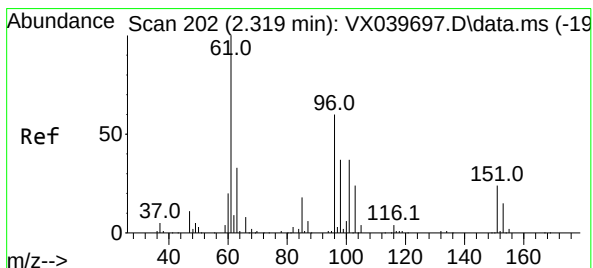
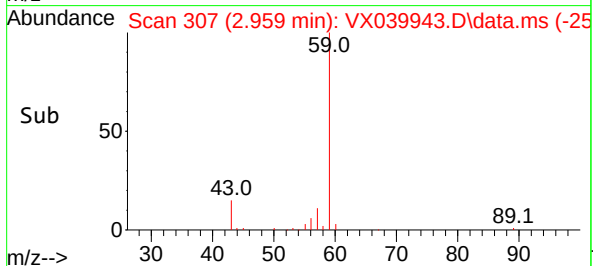
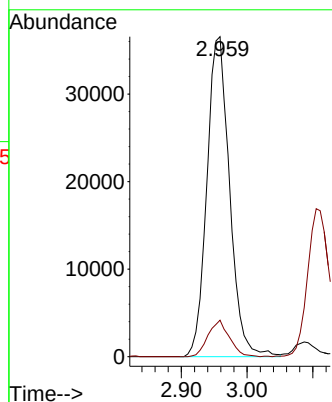
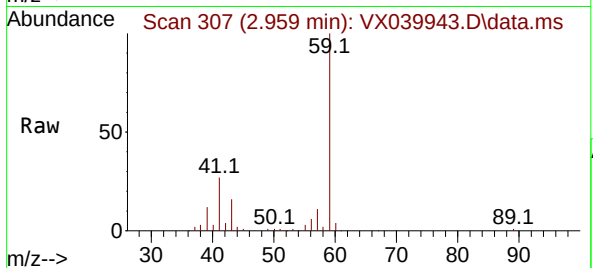
#11
Tert butyl alcohol
Concen: 230.954 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 8781
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

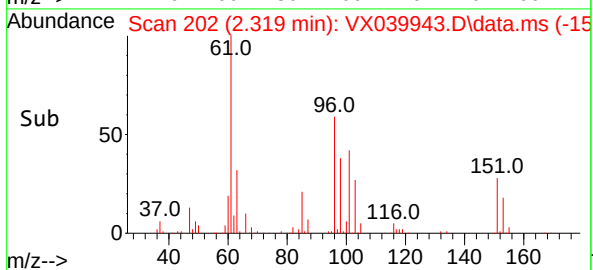
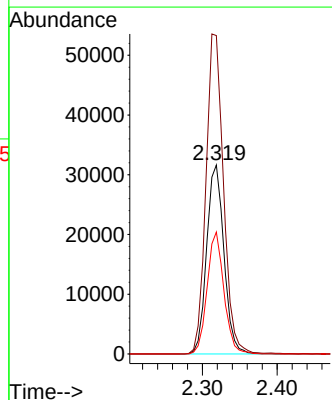
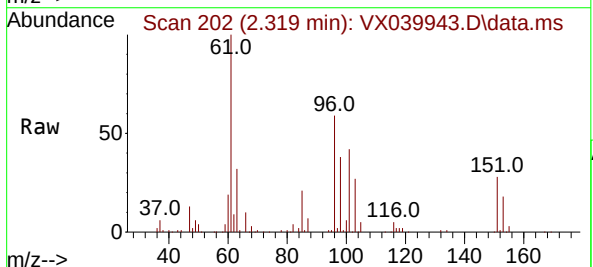
Manual Integrations
APPROVED

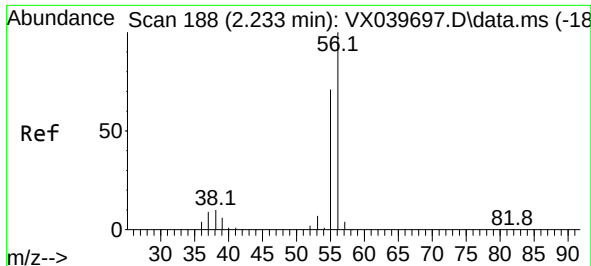
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#12
1,1-Dichloroethene
Concen: 48.465 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

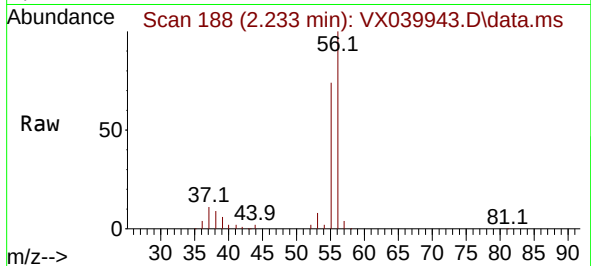
Tgt Ion: 96 Resp: 50861
Ion Ratio Lower Upper
96 100
61 168.5 144.6 216.8
98 64.5 50.4 75.6





#13
Acrolein
Concen: 210.332 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

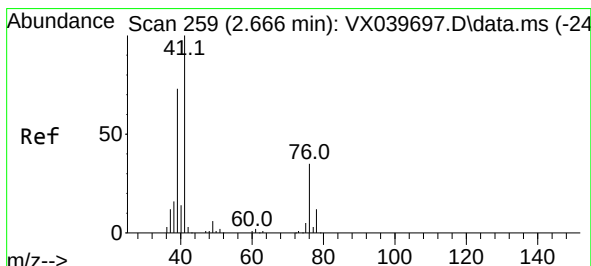
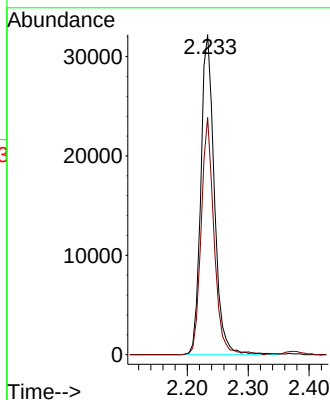
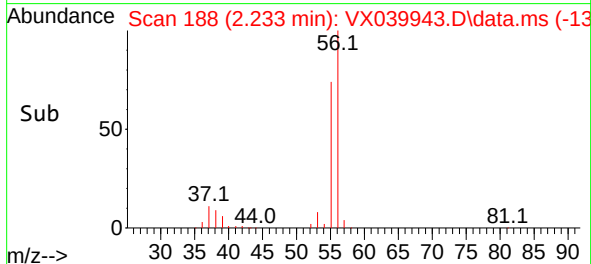
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 49754
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

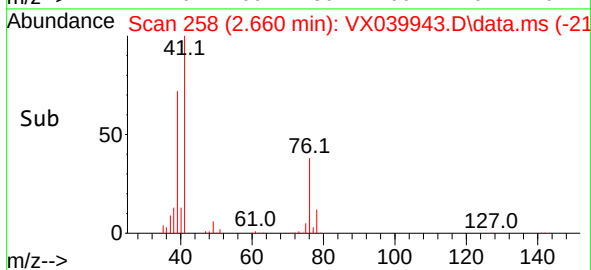
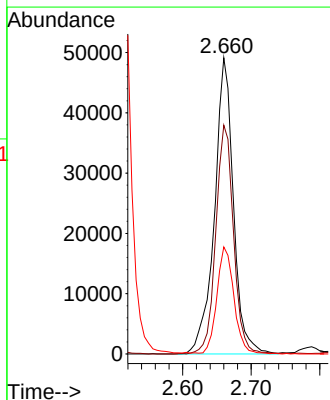
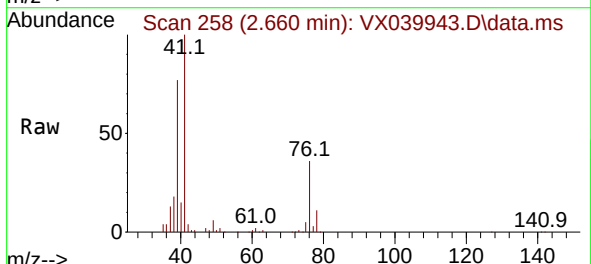
Manual Integrations
APPROVED

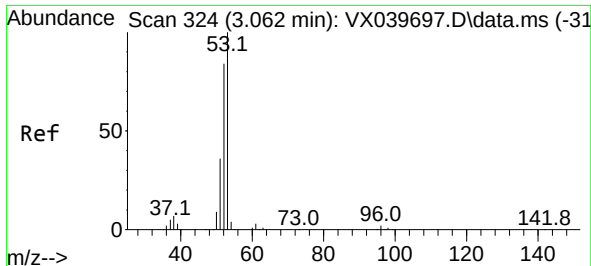
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#14
Allyl chloride
Concen: 45.732 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

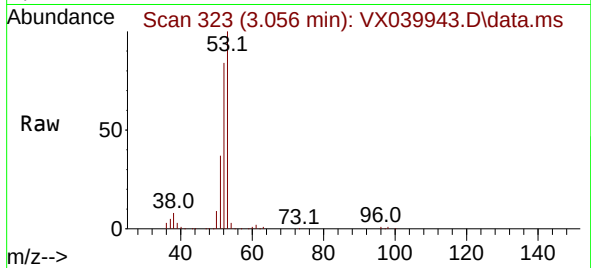
Tgt Ion: 41 Resp: 94458
Ion Ratio Lower Upper
41 100
39 72.3 55.8 83.6
76 32.5 24.3 36.5





#15
Acrylonitrile
Concen: 223.189 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

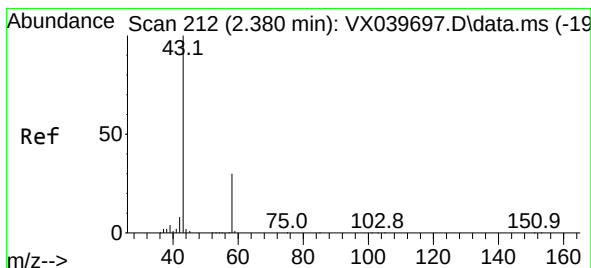
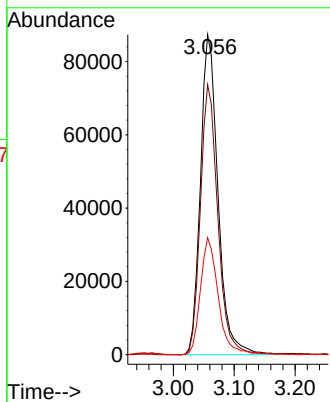
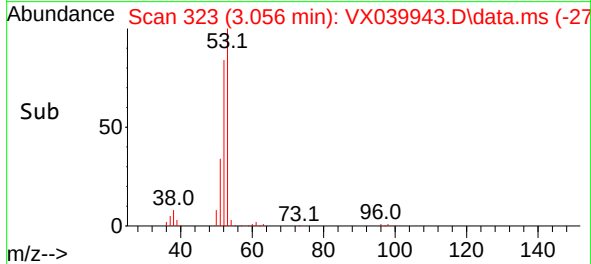
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 17528
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 37.2 29.8 44.6

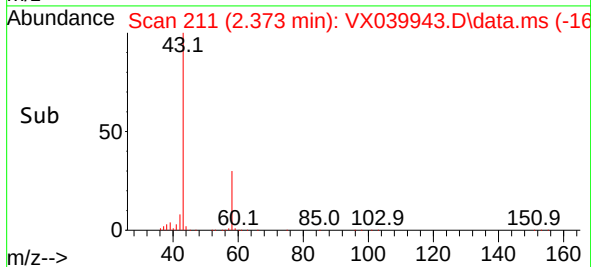
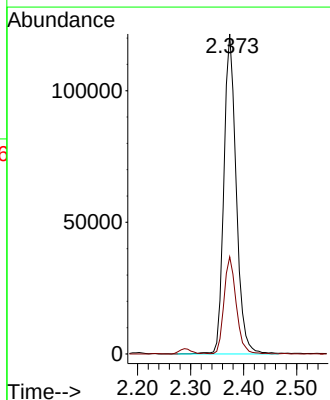
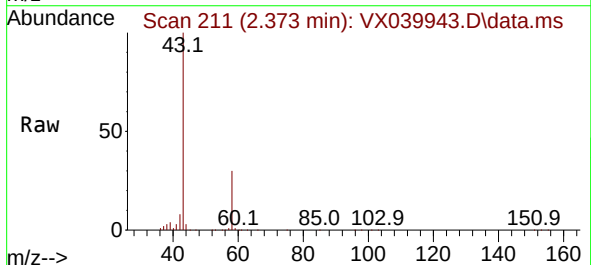
Manual Integrations
APPROVED

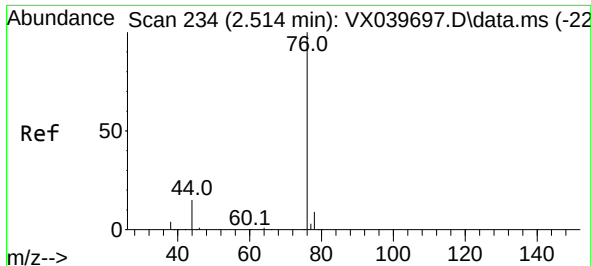
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#16
Acetone
Concen: 239.153 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

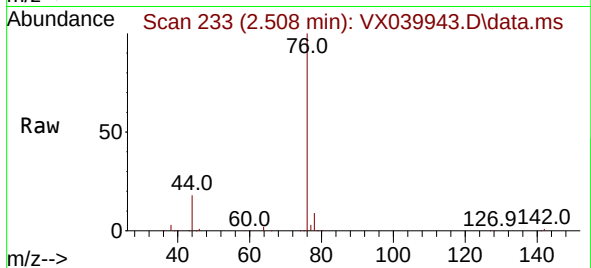
Tgt Ion: 43 Resp: 196449
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#17
Carbon Disulfide
Concen: 48.061 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

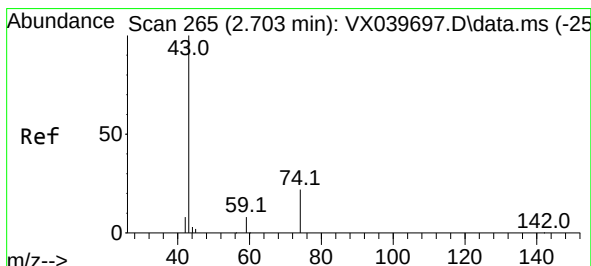
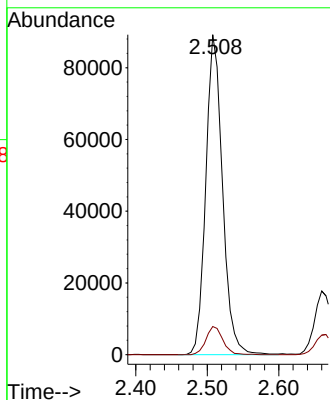
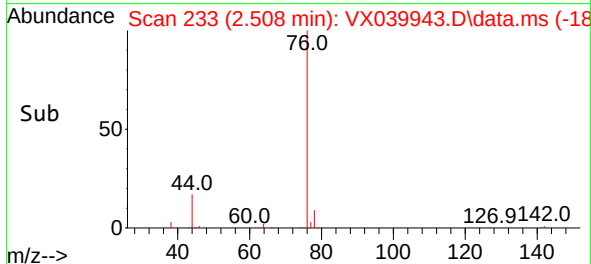
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 144960
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

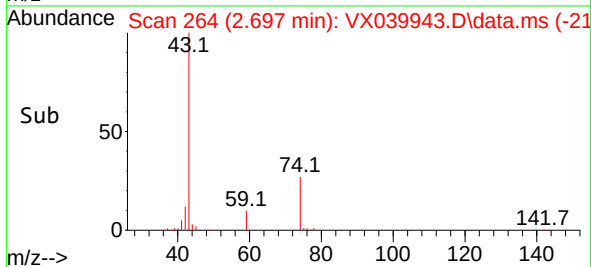
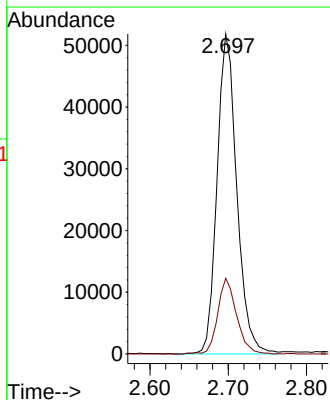
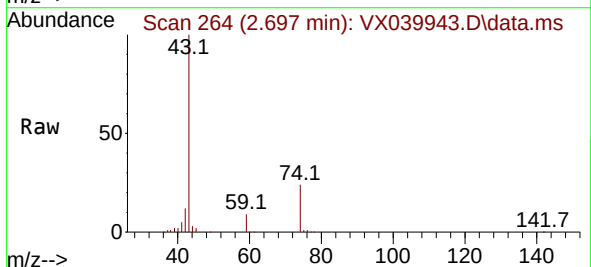
Manual Integrations
APPROVED

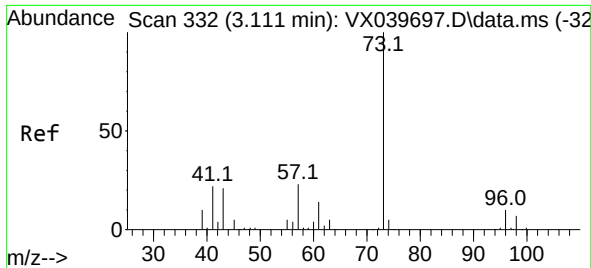
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#18
Methyl Acetate
Concen: 52.934 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 43 Resp: 90969
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





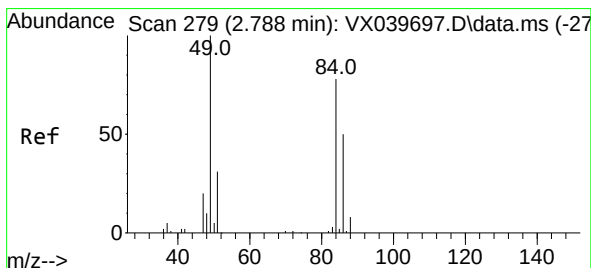
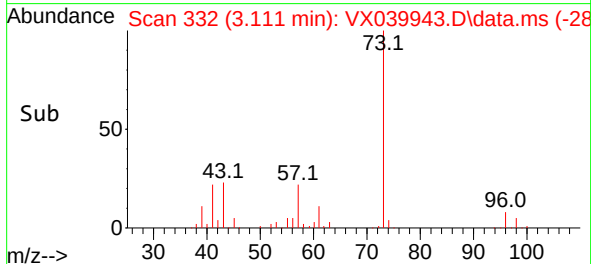
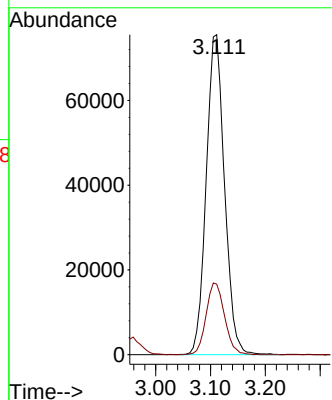
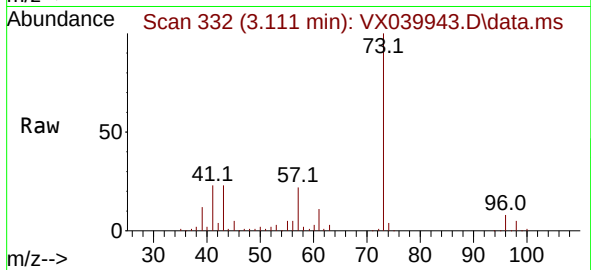
#19
Methyl tert-butyl Ether
Concen: 46.870 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 174624
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

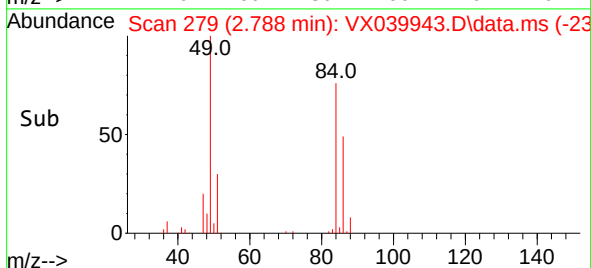
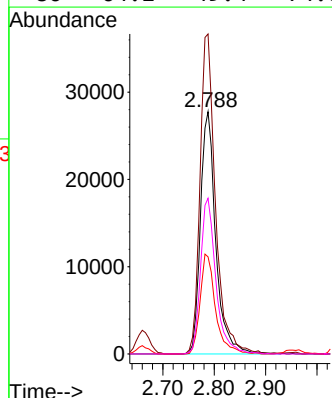
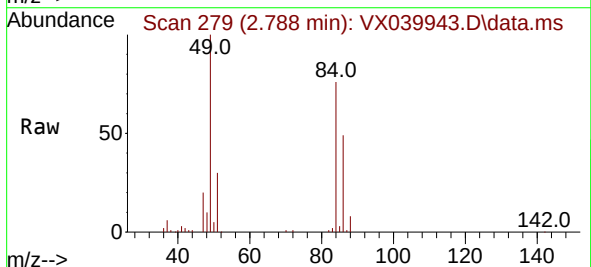
Manual Integrations
APPROVED

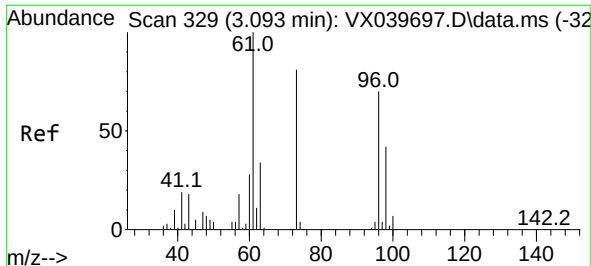
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#20
Methylene Chloride
Concen: 46.393 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

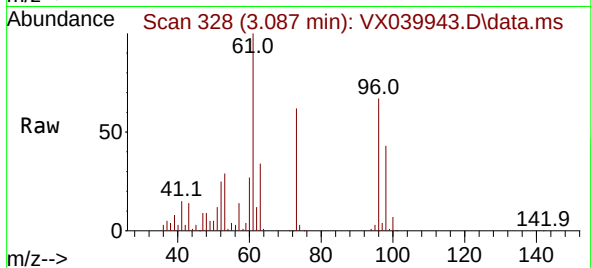
Tgt Ion: 84 Resp: 57644
Ion Ratio Lower Upper
84 100
49 132.1 103.6 155.4
51 40.1 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.178 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

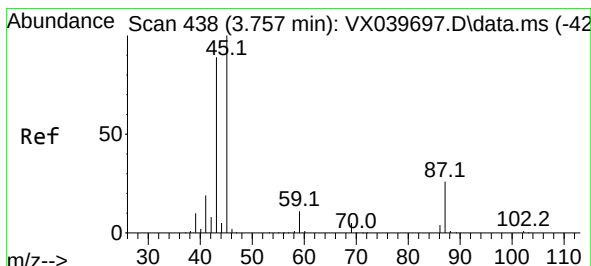
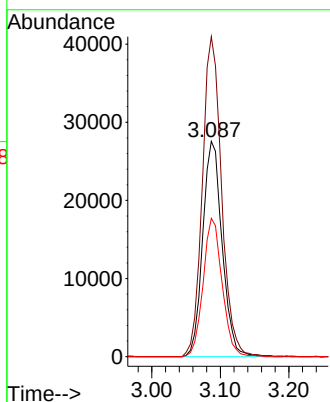
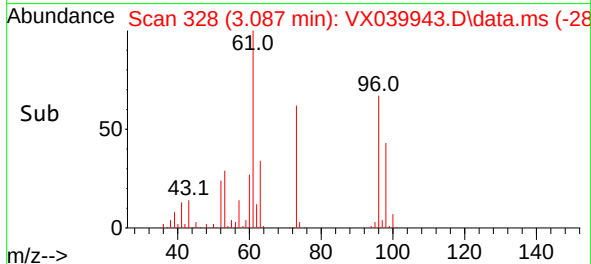
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



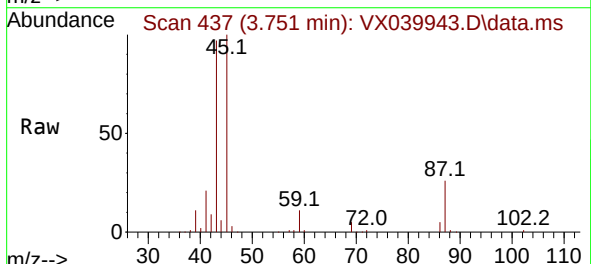
Tgt Ion: 96 Resp: 5431
Ion Ratio Lower Upper
96 100
61 148.6 119.2 178.8
98 64.3 48.7 73.1

Manual Integrations
APPROVED

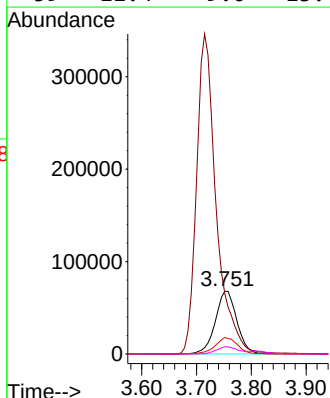
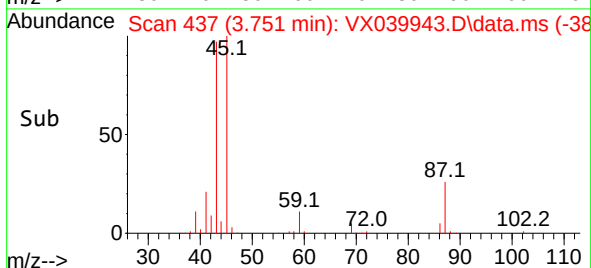
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

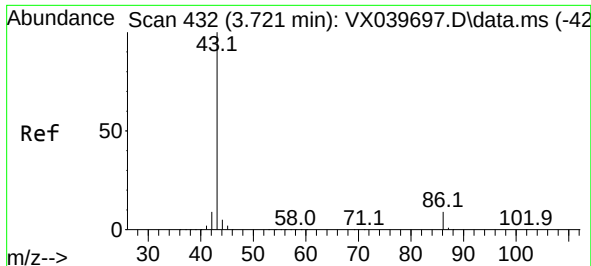


#22
Diisopropyl ether
Concen: 46.952 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20



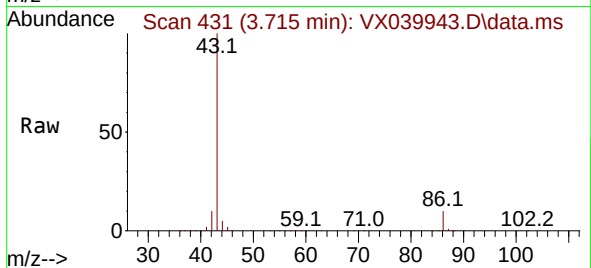
Tgt Ion: 45 Resp: 185070
Ion Ratio Lower Upper
45 100
43 96.3 69.7 104.5
87 26.2 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 237.117 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039943.D
 Acq: 25 Jan 2024 10:20

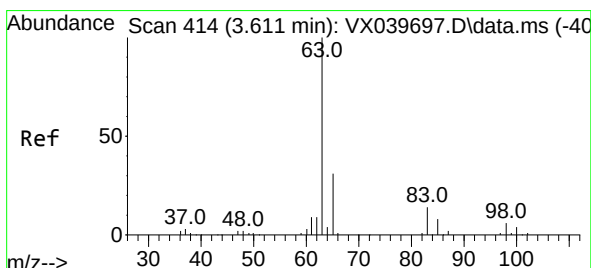
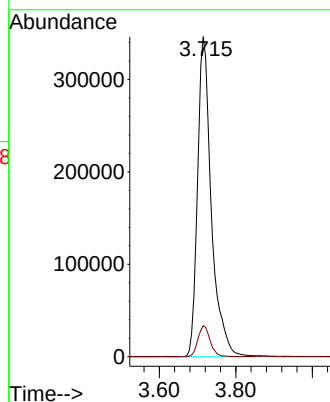
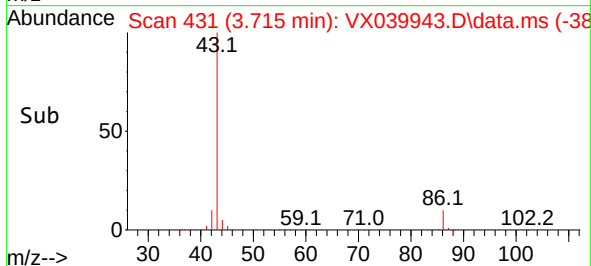
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



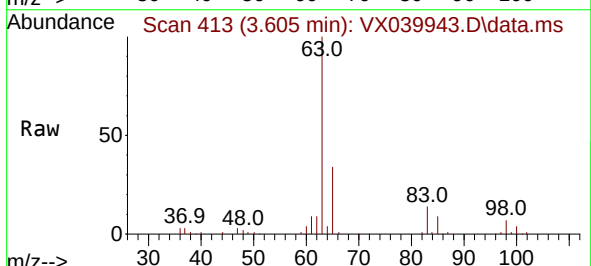
Tgt Ion: 43 Resp: 86879
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
 APPROVED

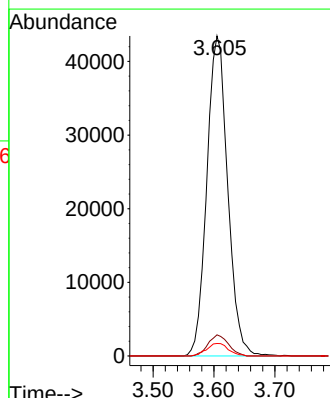
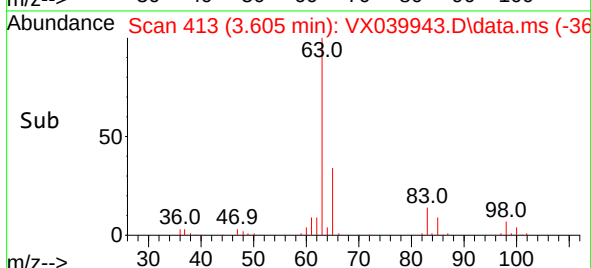
Reviewed By :John Carlone 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

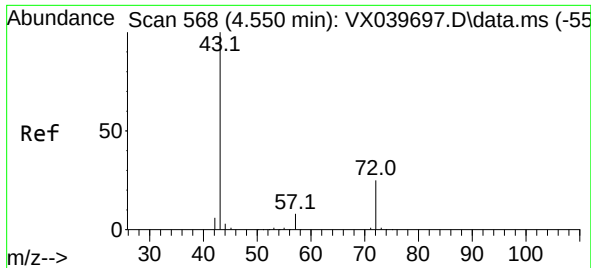


#24
 1,1-Dichloroethane
 Concen: 47.701 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039943.D
 Acq: 25 Jan 2024 10:20



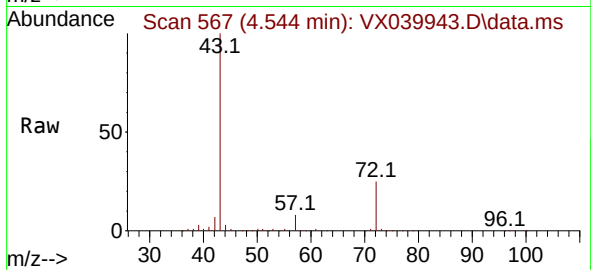
Tgt Ion: 63 Resp: 103439
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 228.556 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

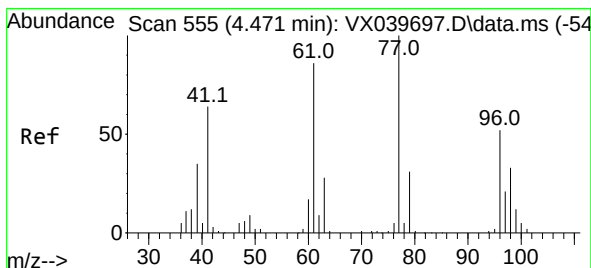
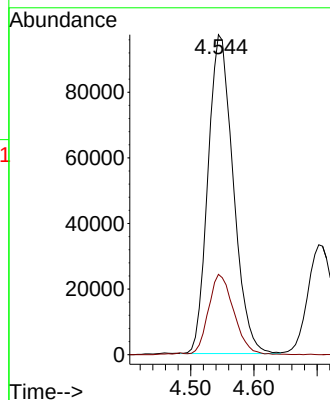
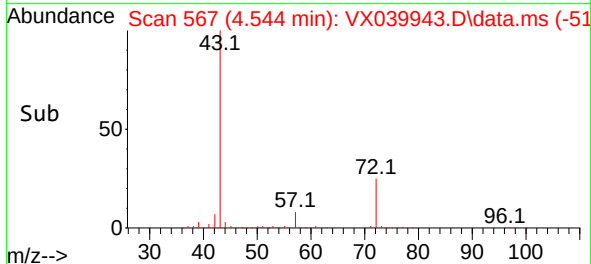
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26980
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

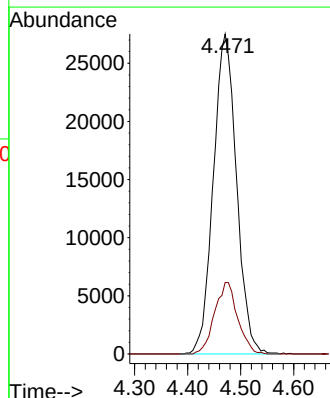
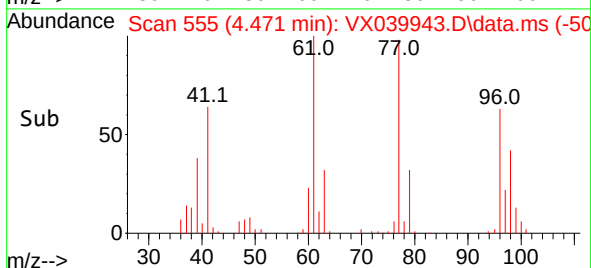
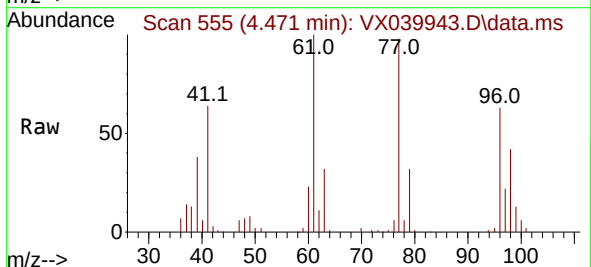
Manual Integrations
APPROVED

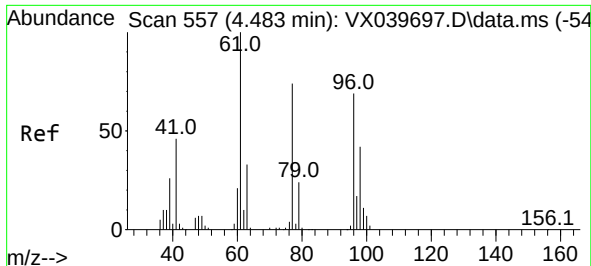
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#26
2,2-Dichloropropane
Concen: 47.997 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 77 Resp: 83534
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.861 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 61890

Ion Ratio Lower Upper

96 100

61 155.1 0.0 312.2

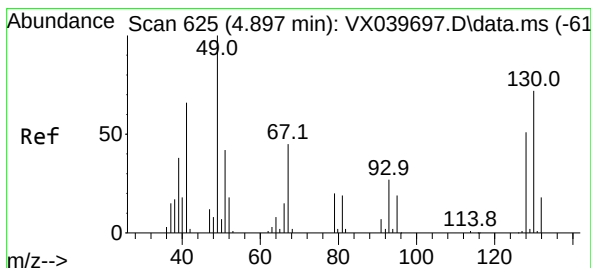
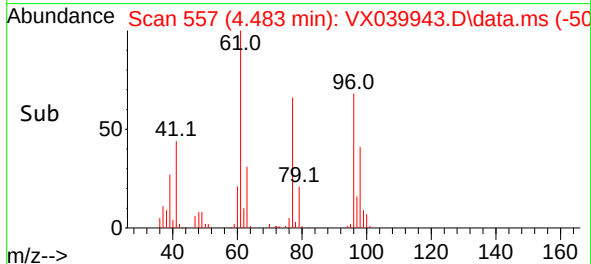
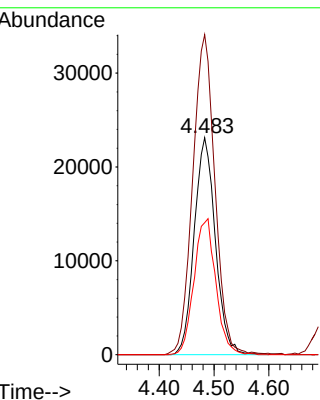
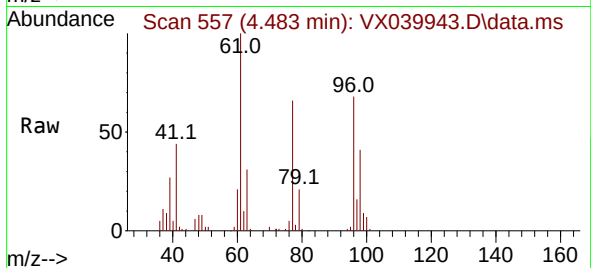
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#28

Bromochloromethane

Concen: 51.063 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

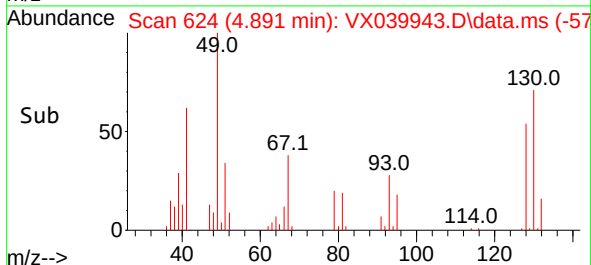
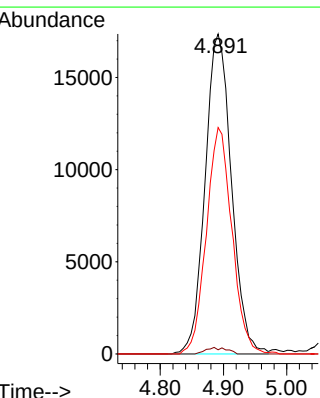
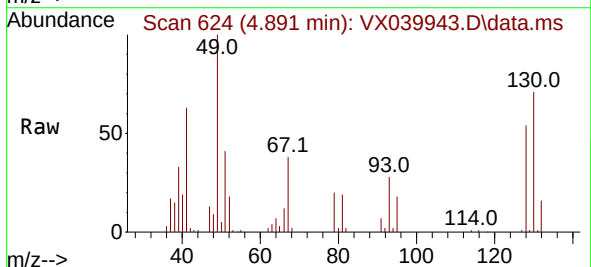
Tgt Ion: 49 Resp: 50192

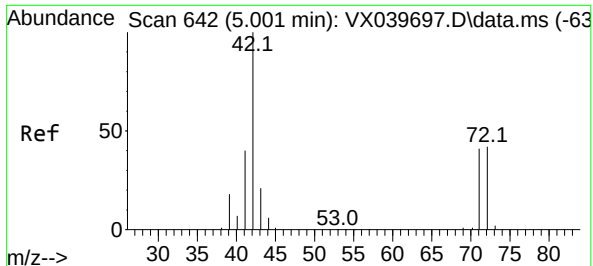
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 68.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 221.295 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 168139

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.4

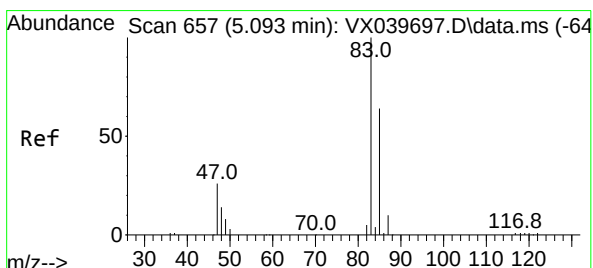
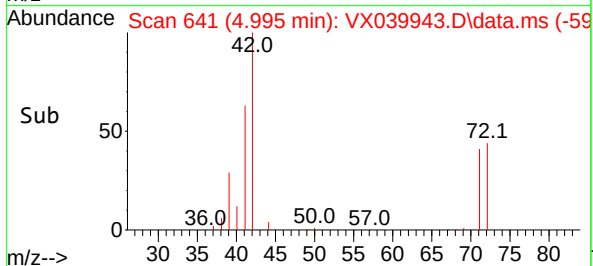
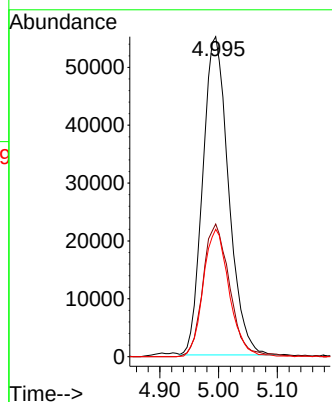
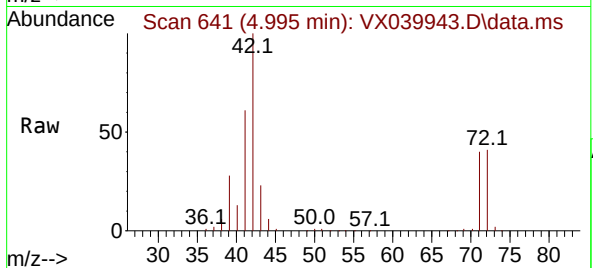
71 40.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#30

Chloroform

Concen: 51.059 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039943.D

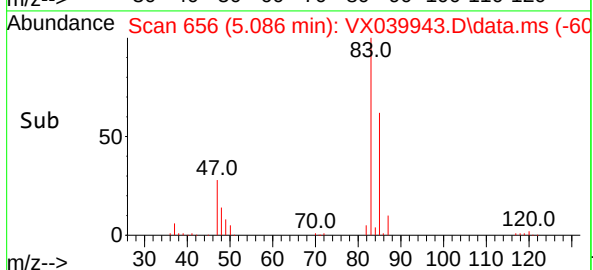
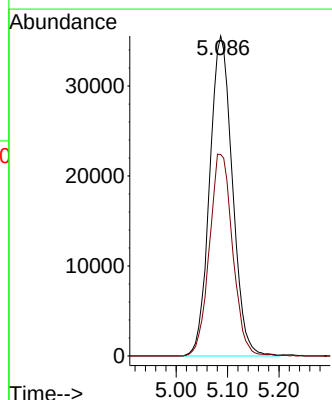
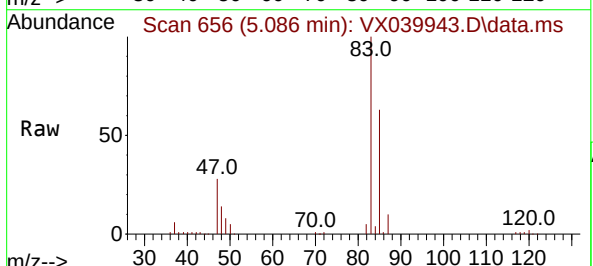
Acq: 25 Jan 2024 10:20

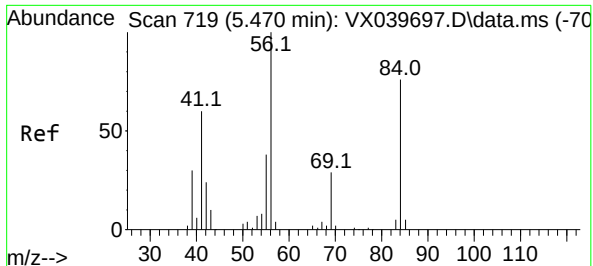
Tgt Ion: 83 Resp: 109300

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5





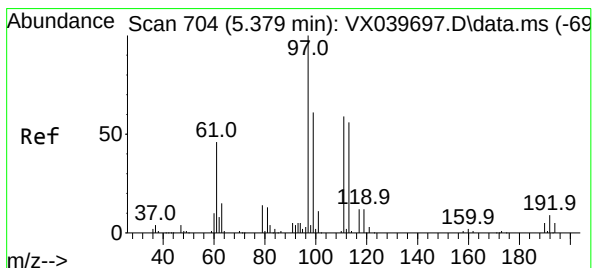
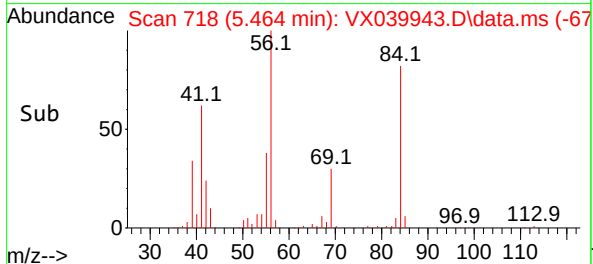
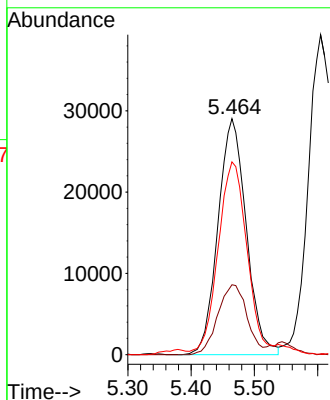
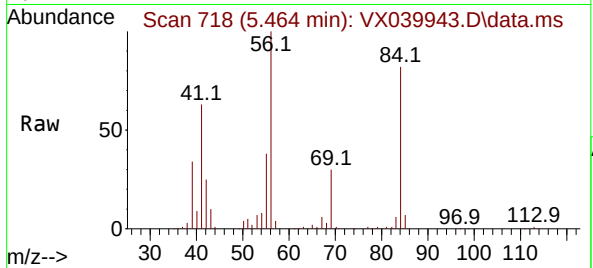
#31
Cyclohexane
Concen: 46.741 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 9010
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 79.4 65.9 98.9

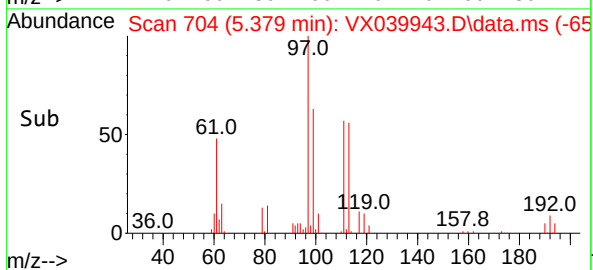
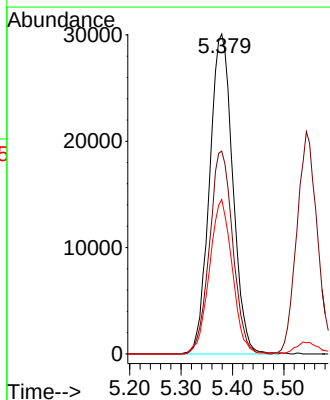
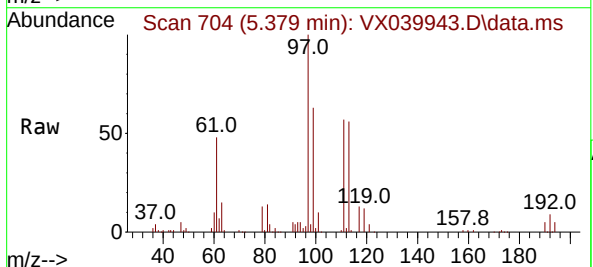
Manual Integrations
APPROVED

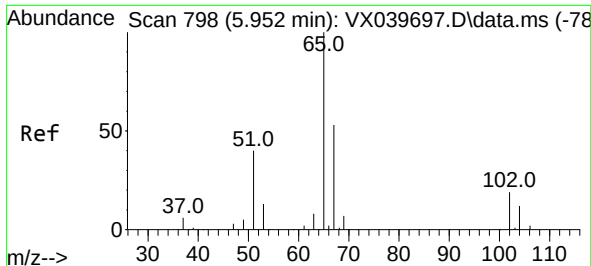
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#32
1,1,1-Trichloroethane
Concen: 51.514 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 97 Resp: 94408
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 47.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.873 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6700

Ion Ratio Lower Upper

65 100

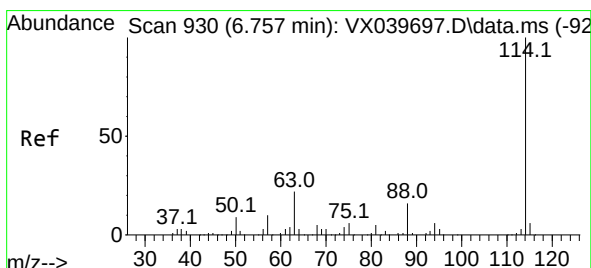
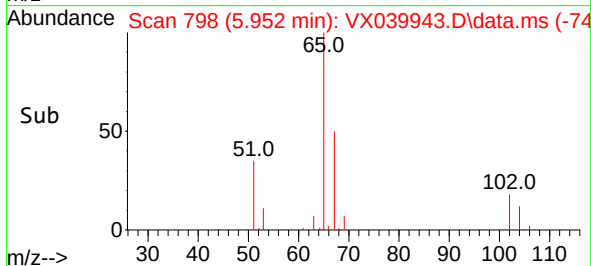
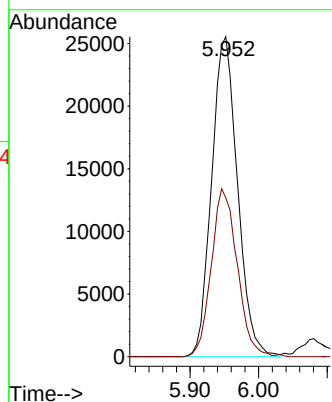
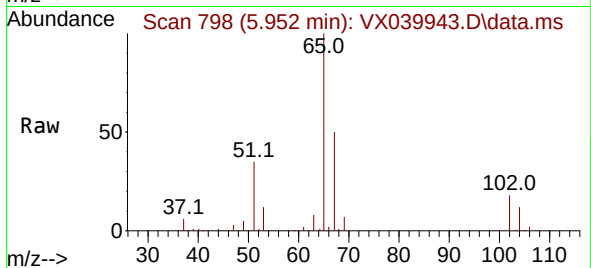
67 52.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

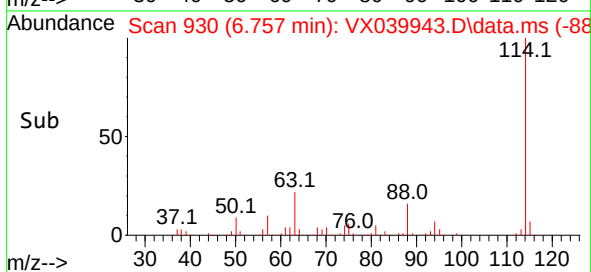
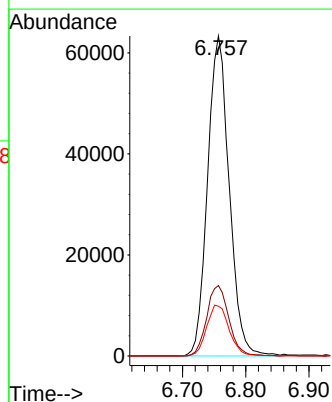
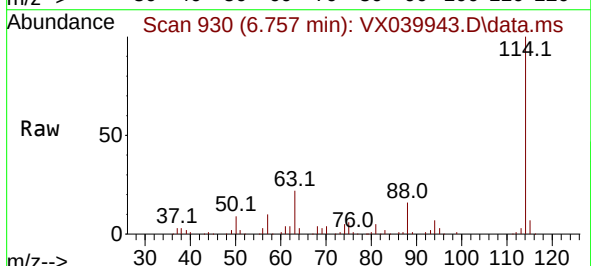
Tgt Ion:114 Resp: 150583

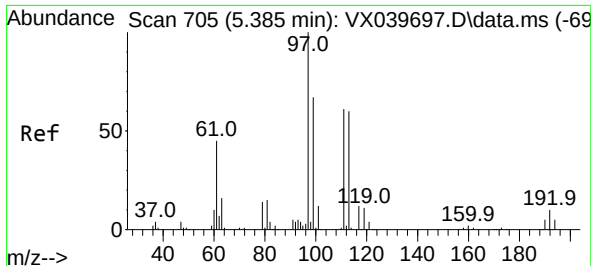
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.573 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 4926

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

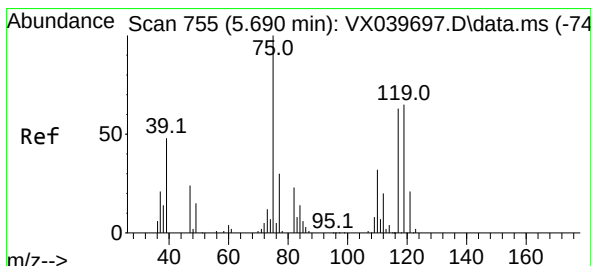
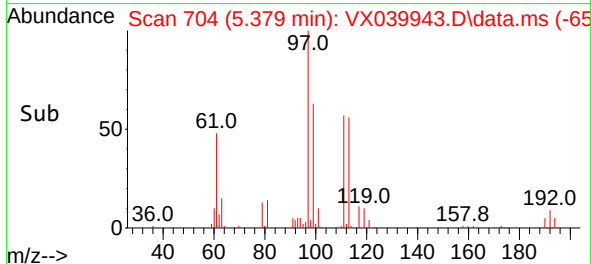
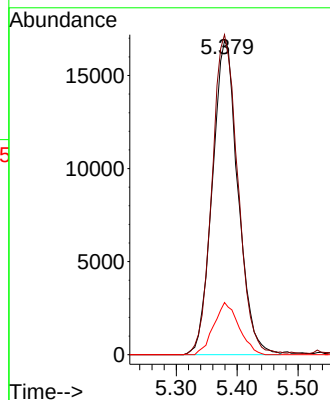
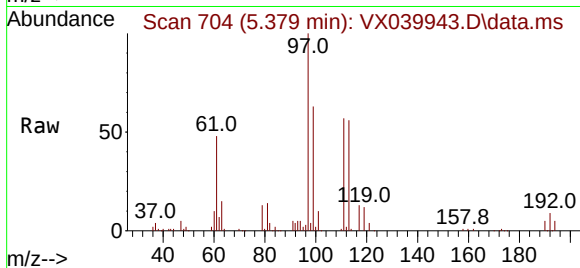
192 16.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#36

1,1-Dichloropropene

Concen: 49.799 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

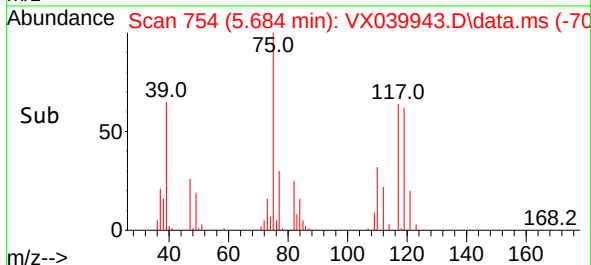
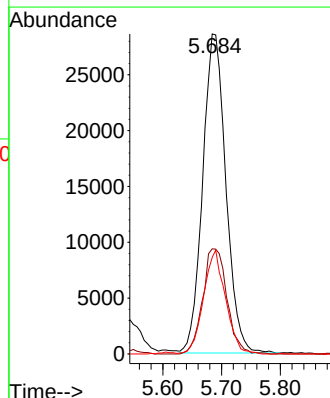
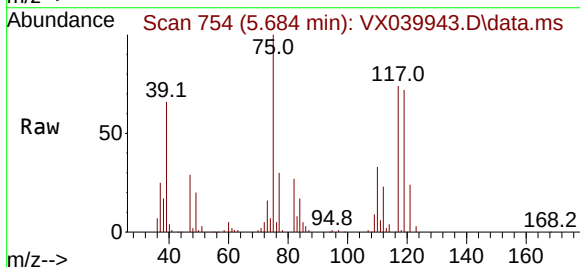
Tgt Ion: 75 Resp: 78618

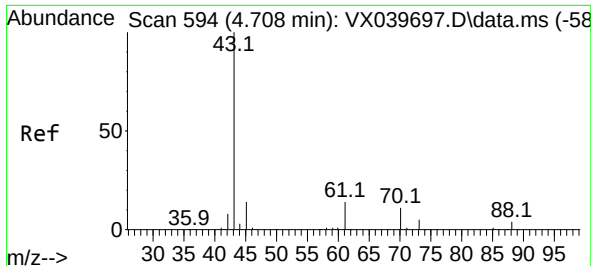
Ion Ratio Lower Upper

75 100

110 34.3 17.0 50.9

77 30.8 24.7 37.1





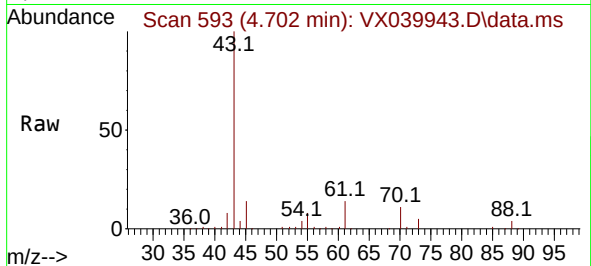
#37
Ethyl Acetate
Concen: 44.984 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



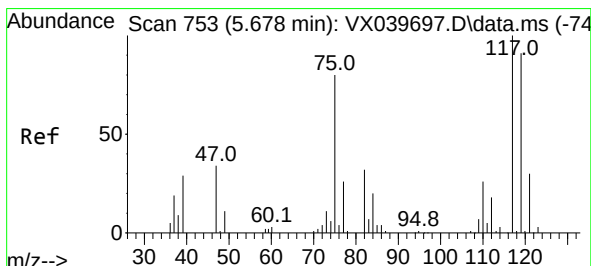
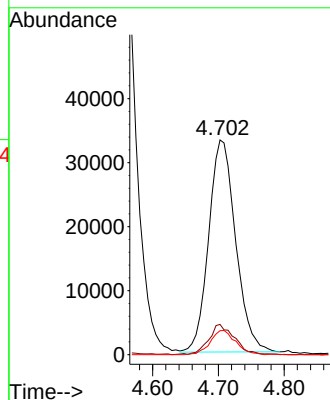
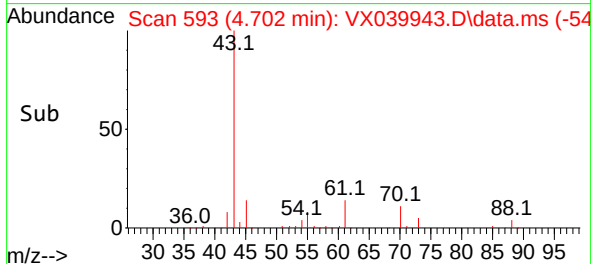
Tgt Ion: 43 Resp: 9474
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.6 8.3 12.5

Manual Integrations

APPROVED

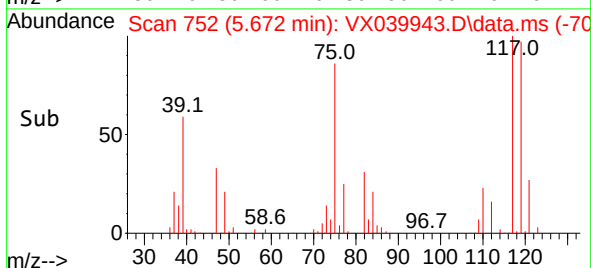
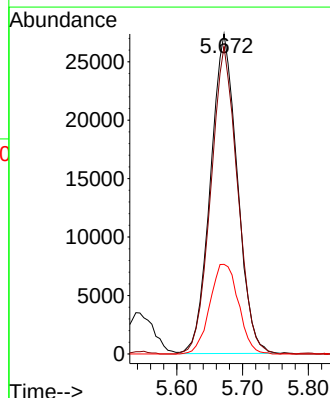
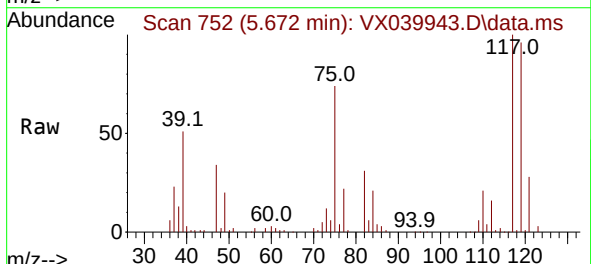
Reviewed By :John Carlone 01/26/2024

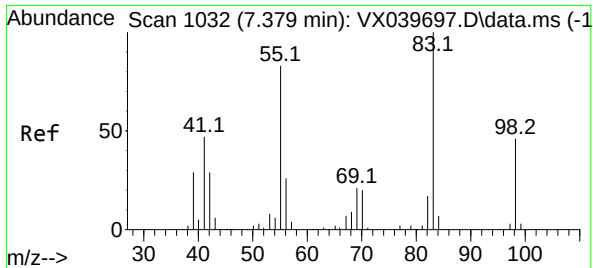
Supervised By :Semsettin Yesilyurt 01/26/2024



#38
Carbon Tetrachloride
Concen: 53.700 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion:117 Resp: 77647
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.2
121 28.0 24.4 36.6





#39
Methylcyclohexane
Concen: 51.297 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

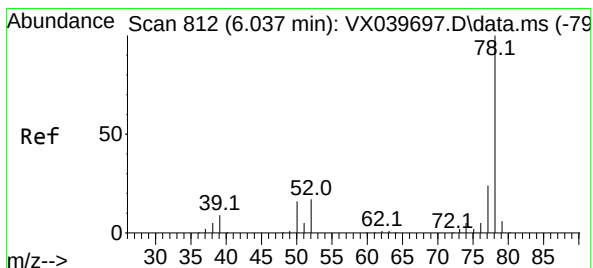
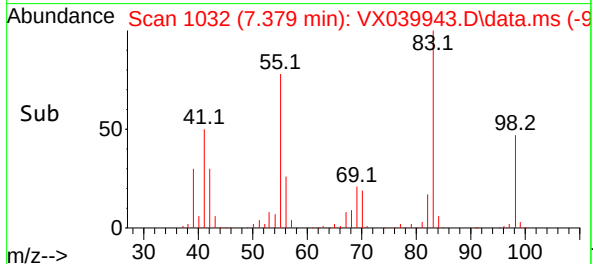
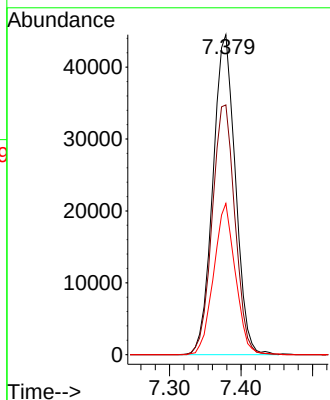
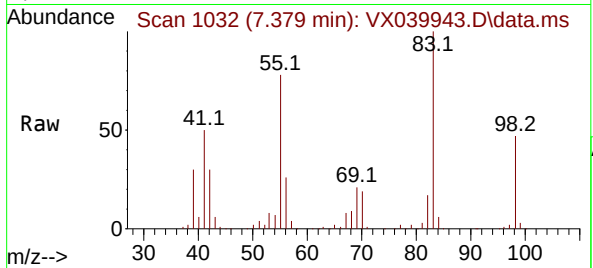
Tgt Ion: 83 Resp: 97245
Ion Ratio Lower Upper
83 100
55 78.0 64.6 97.0
98 47.2 36.7 55.1

Manual Integrations

APPROVED

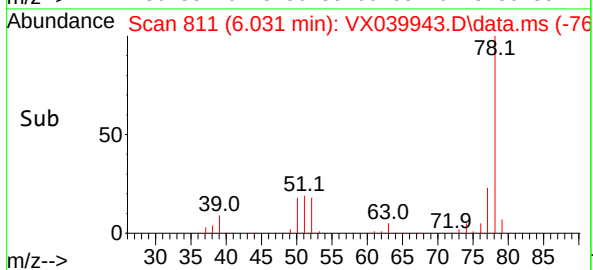
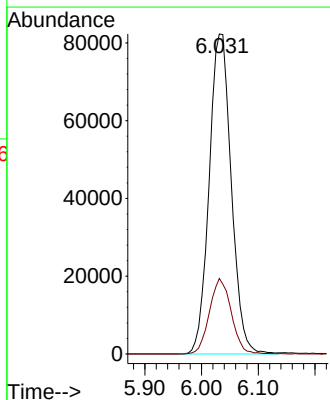
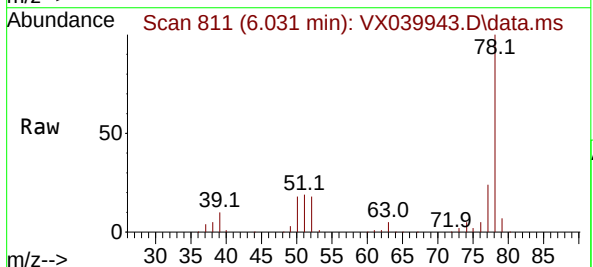
Reviewed By :John Carlone 01/26/2024

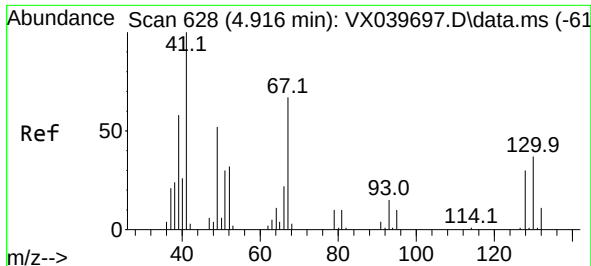
Supervised By :Semsettin Yesilyurt 01/26/2024



#40
Benzene
Concen: 49.850 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 78 Resp: 222847
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 51.398 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

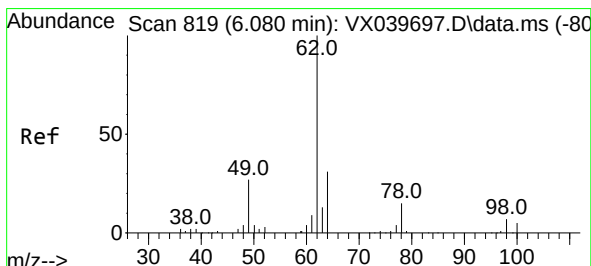
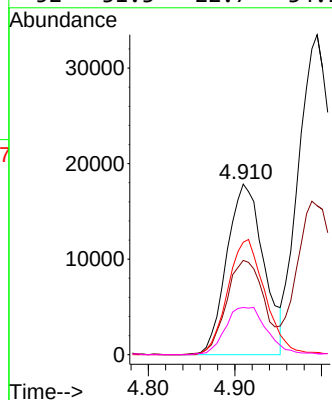
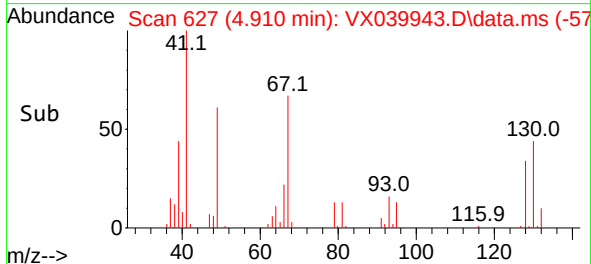
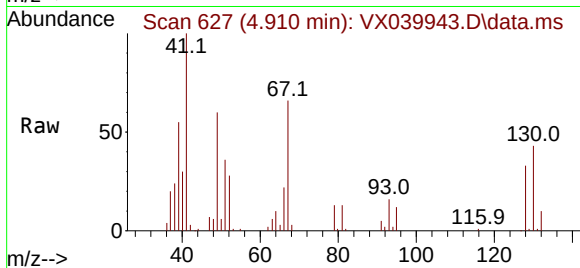
Tgt Ion: 41 Resp: 52930
Ion Ratio Lower Upper
41 100
39 55.3 45.2 67.8
67 68.7 52.6 78.8
52 31.3 22.7 34.1

Manual Integrations

APPROVED

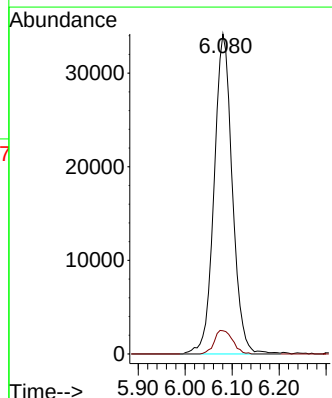
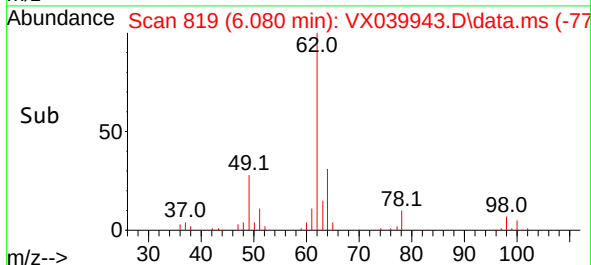
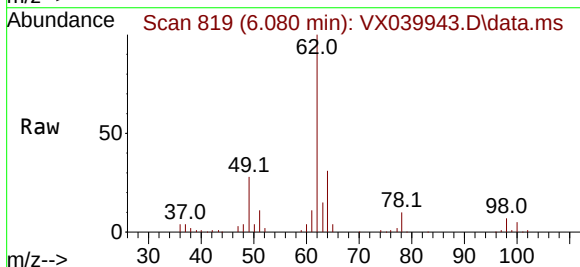
Reviewed By :John Carlone 01/26/2024

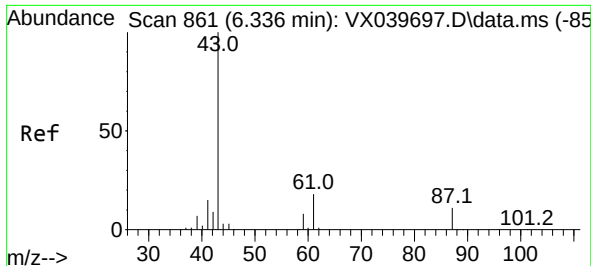
Supervised By :Semsettin Yesilyurt 01/26/2024



#42
1,2-Dichloroethane
Concen: 54.194 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

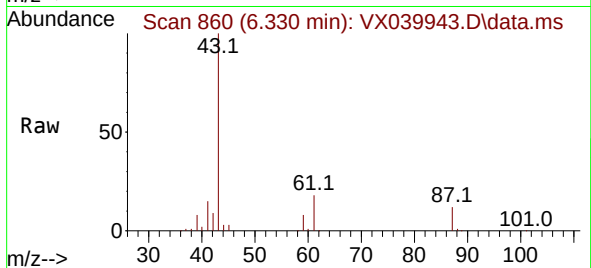
Tgt Ion: 62 Resp: 92105
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.179 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

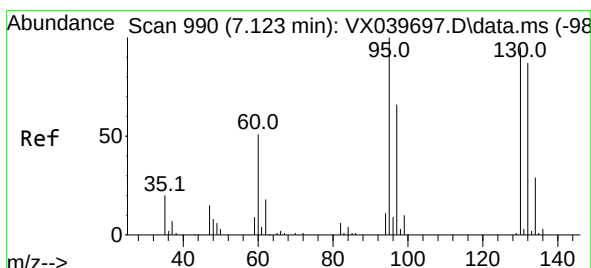
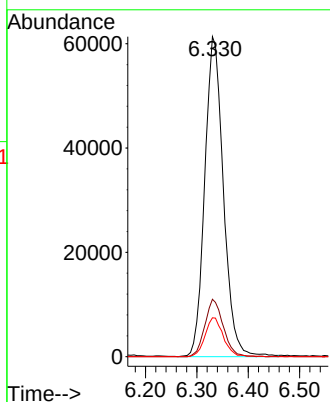
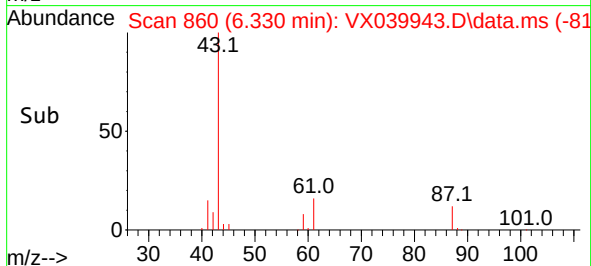
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15503
Ion Ratio Lower Upper
43 100
61 17.6 15.2 22.8
87 11.9 9.8 14.6

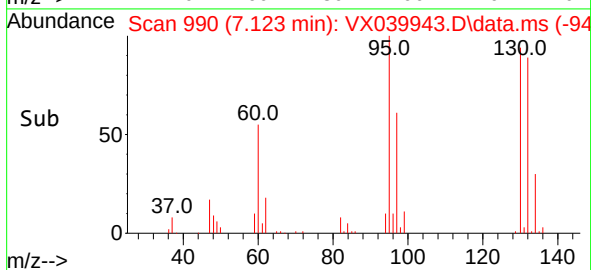
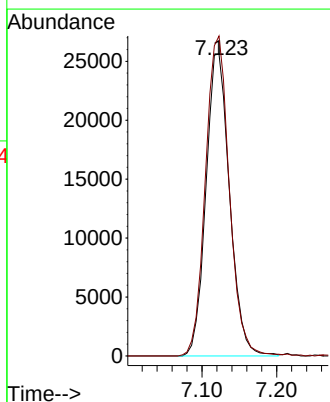
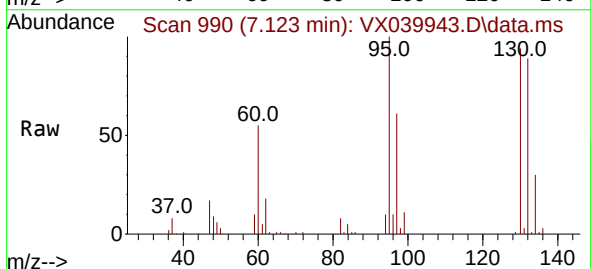
Manual Integrations
APPROVED

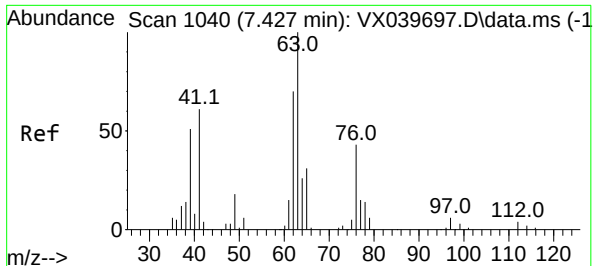
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#44
Trichloroethene
Concen: 51.805 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion:130 Resp: 56757
Ion Ratio Lower Upper
130 100
95 105.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.684 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 60780

Ion Ratio Lower Upper

63 100

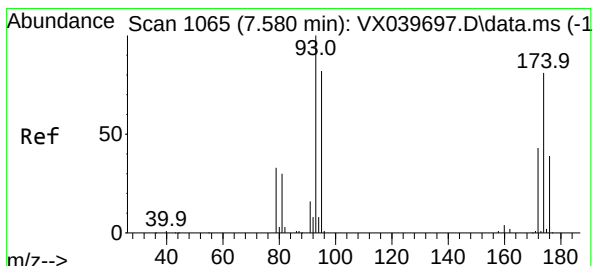
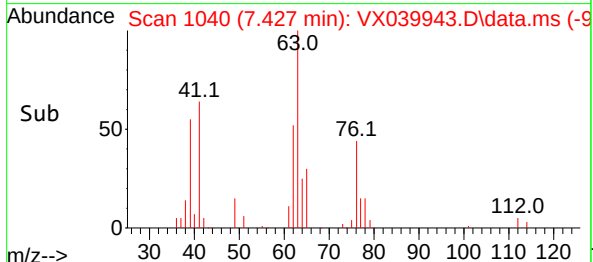
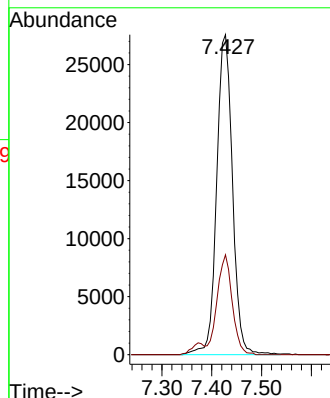
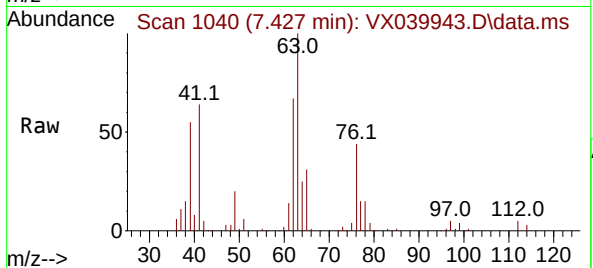
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#46

Dibromomethane

Concen: 53.427 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

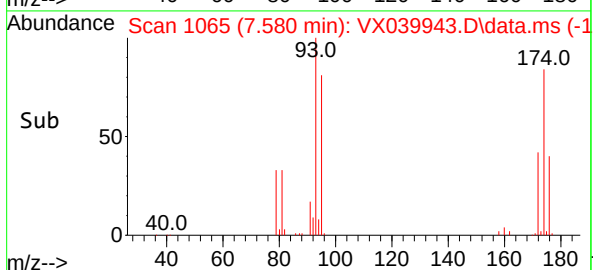
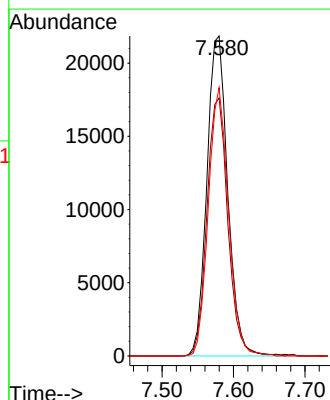
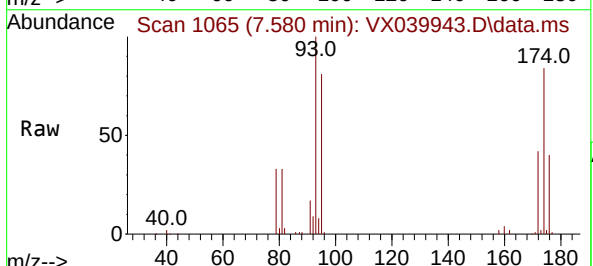
Tgt Ion: 93 Resp: 44253

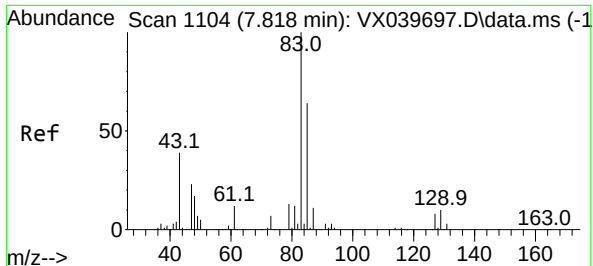
Ion Ratio Lower Upper

93 100

95 81.0 66.6 100.0

174 81.1 69.4 104.0





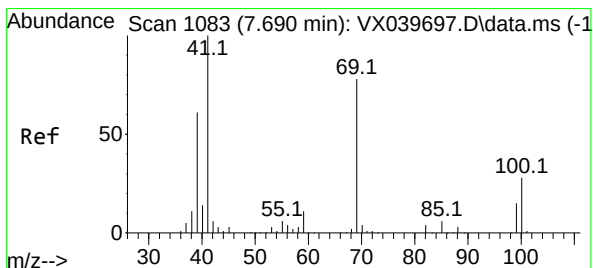
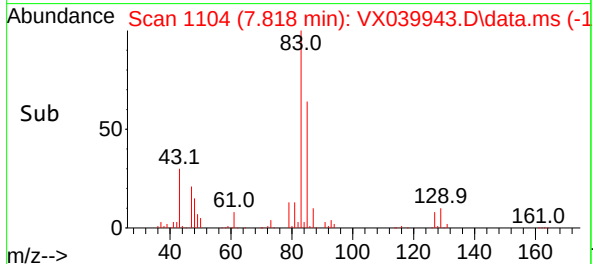
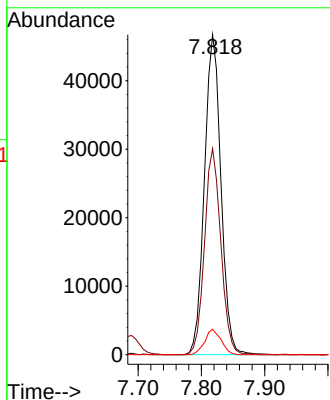
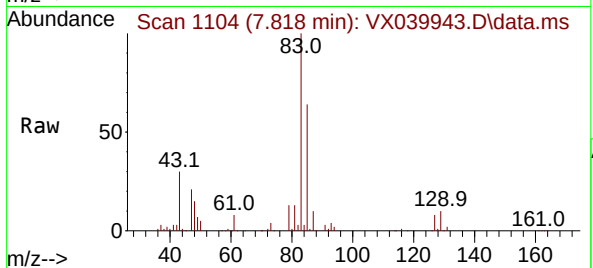
#47
Bromodichloromethane
Concen: 55.369 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 84939
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 8.0 7.1 10.7

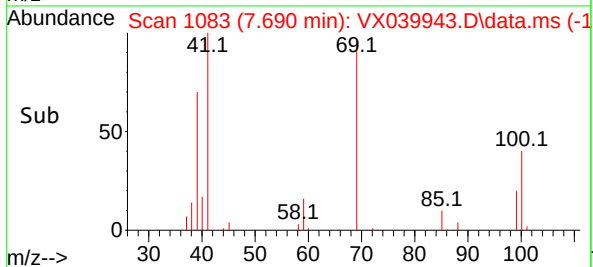
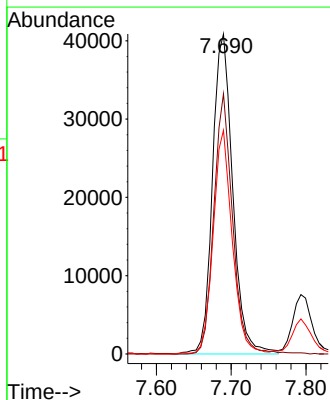
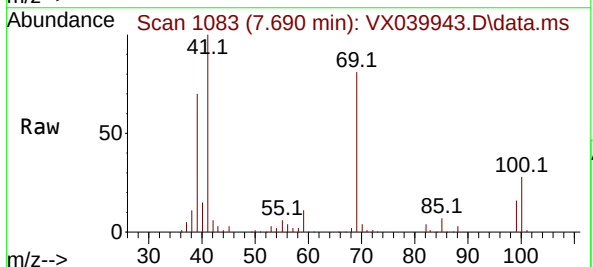
Manual Integrations
APPROVED

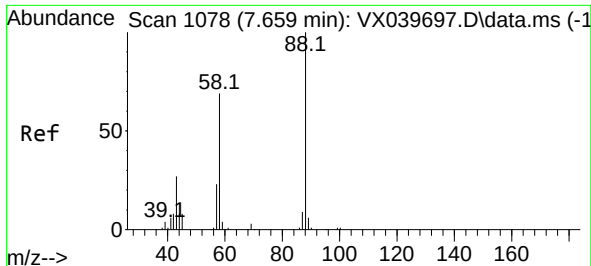
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#48
Methyl methacrylate
Concen: 50.736 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 41 Resp: 77049
Ion Ratio Lower Upper
41 100
69 75.6 59.2 88.8
39 66.1 47.7 71.5





#49

1,4-Dioxane

Concen: 844.818 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 24825

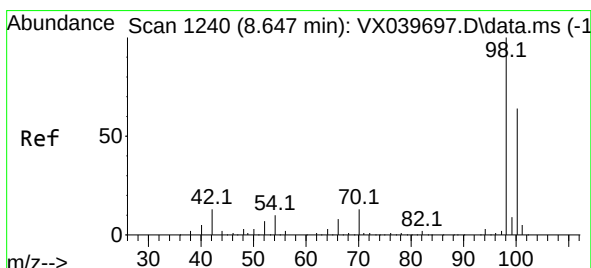
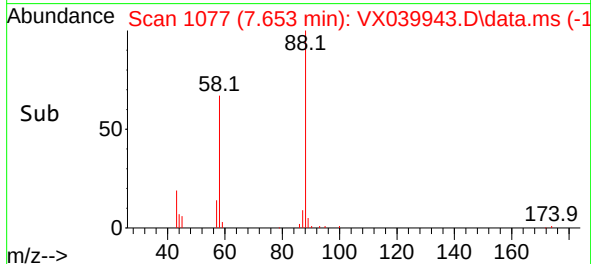
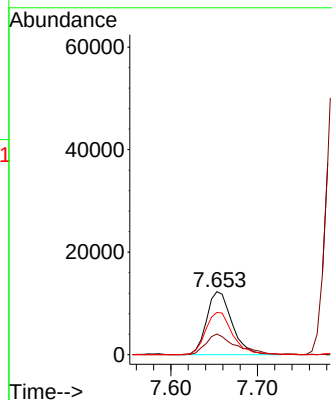
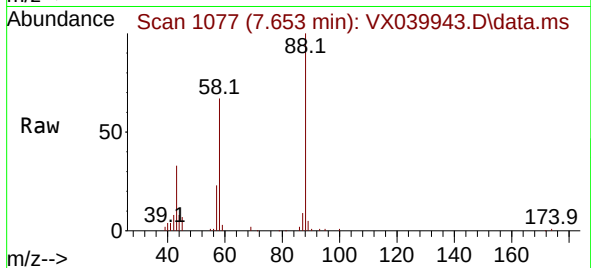
Ion	Ratio	Lower	Upper
88	100		
43	39.3	0.0	0.0
58	71.7	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#50

Toluene-d8

Concen: 47.556 ug/l

RT: 8.647 min Scan# 1240

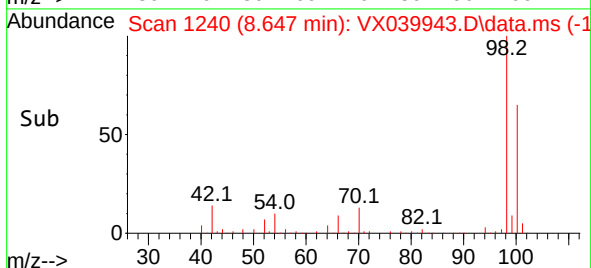
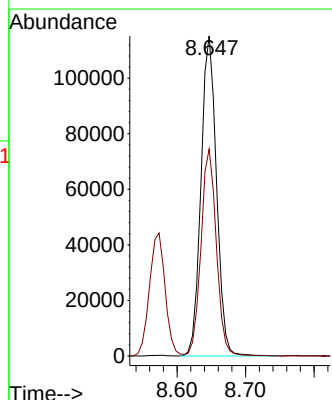
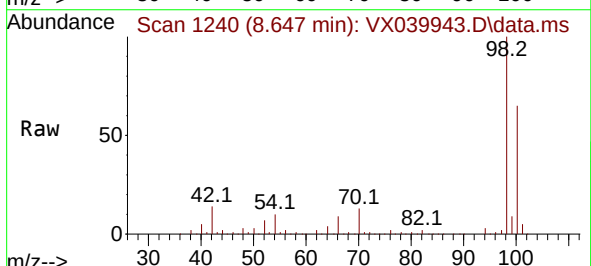
Delta R.T. 0.000 min

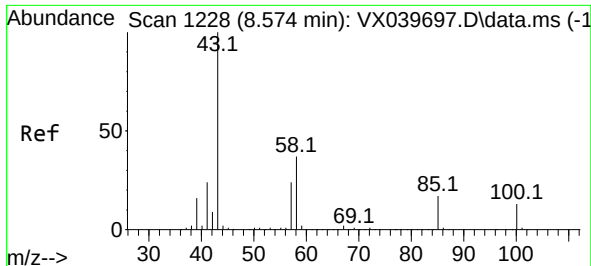
Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Tgt Ion: 98 Resp: 181915

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 248.791 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

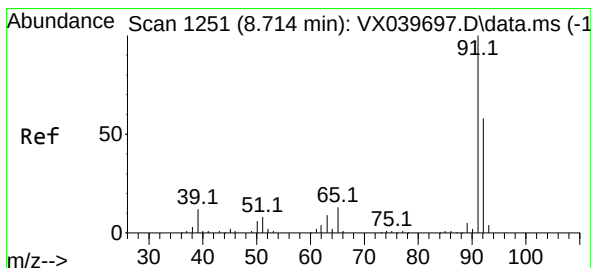
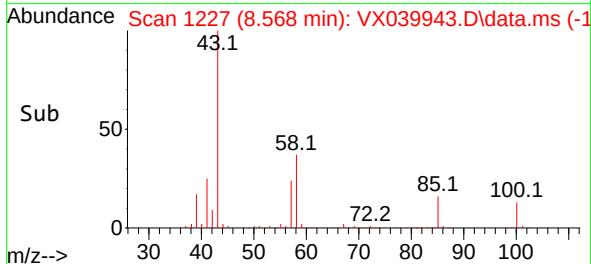
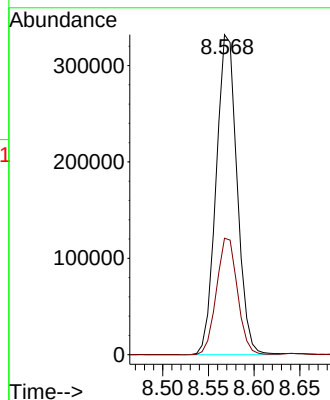
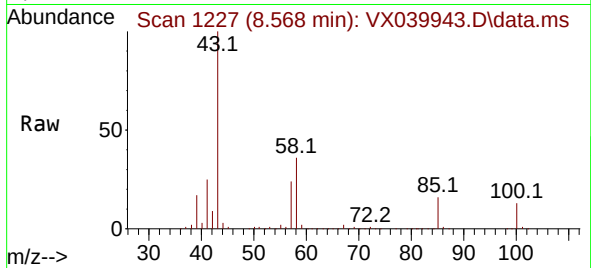
VSTDCCC050

Tgt Ion: 43 Resp: 52938
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

Manual Integrations

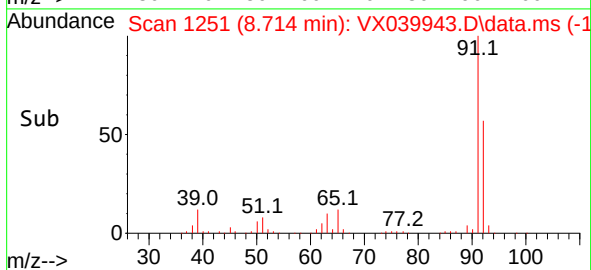
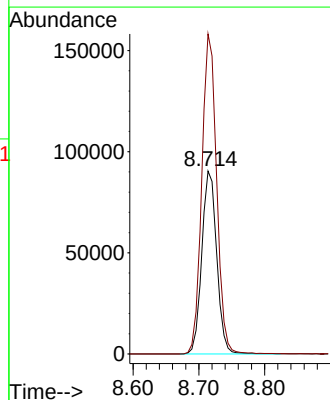
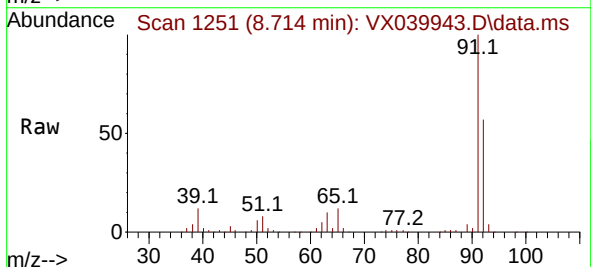
APPROVED

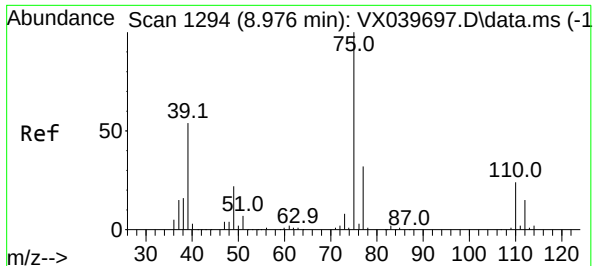
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#52
Toluene
Concen: 53.408 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 92 Resp: 142606
Ion Ratio Lower Upper
92 100
91 174.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.331 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 91690

Ion Ratio Lower Upper

75 100

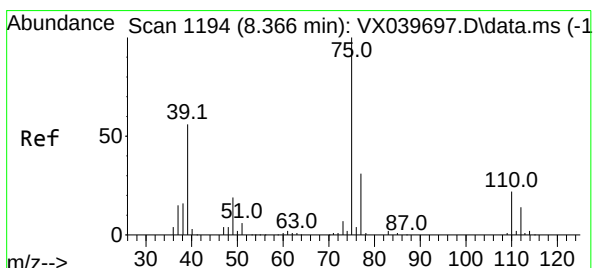
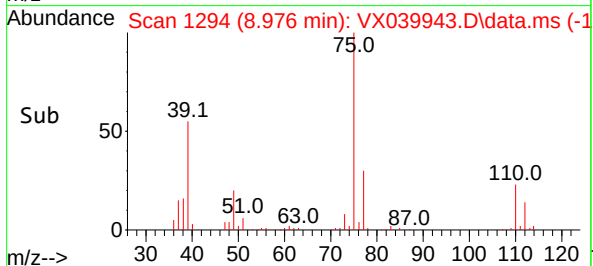
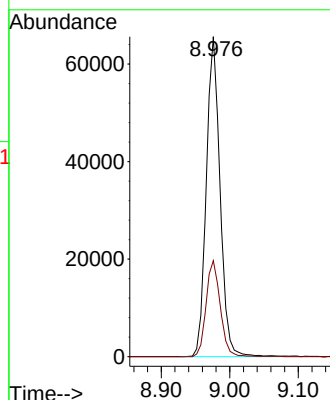
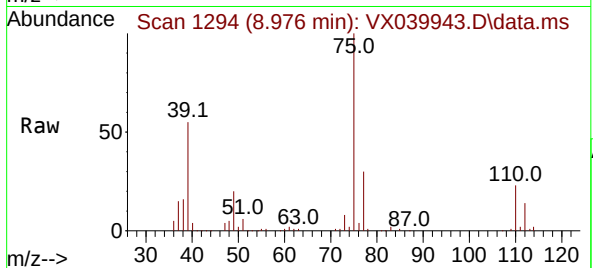
77 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#54

cis-1,3-Dichloropropene

Concen: 53.607 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

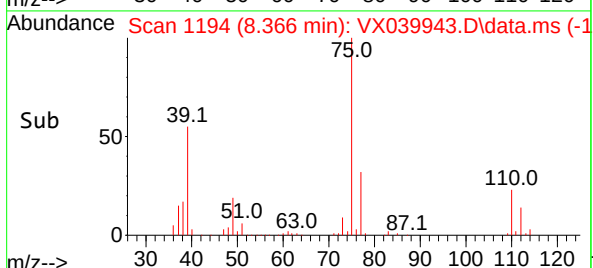
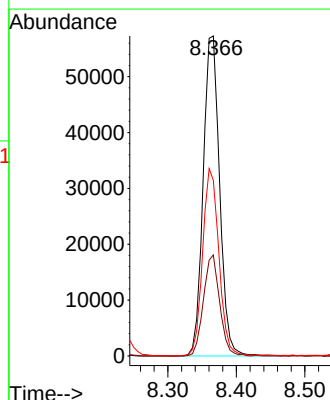
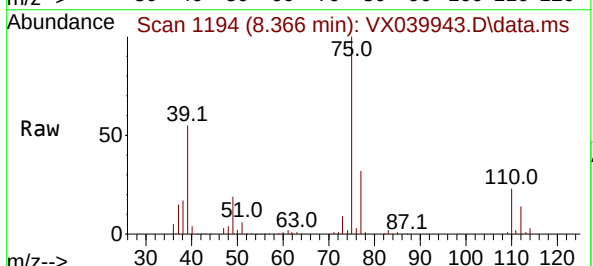
Tgt Ion: 75 Resp: 95950

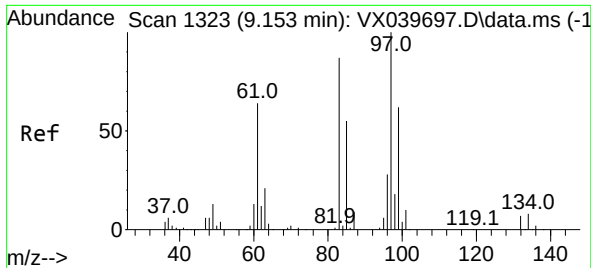
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 54.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.914 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

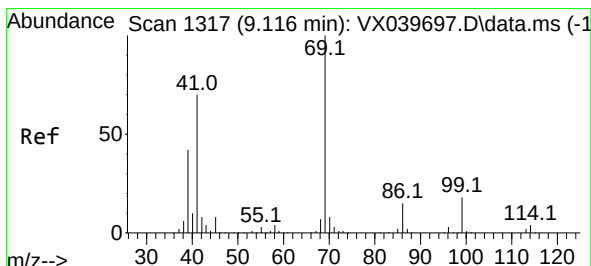
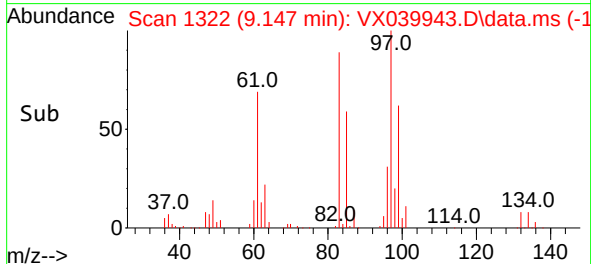
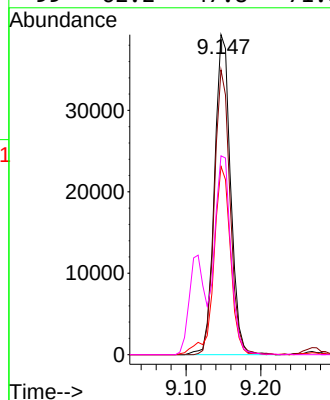
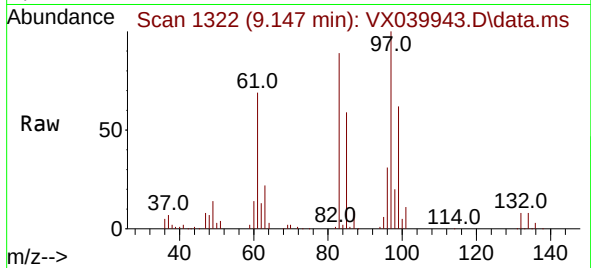
Tgt Ion:	97	Resp:	59010
Ion	Ratio	Lower	Upper
97	100		
83	89.0	65.8	98.8
85	58.7	41.6	62.4
99	62.2	47.8	71.8

Manual Integrations

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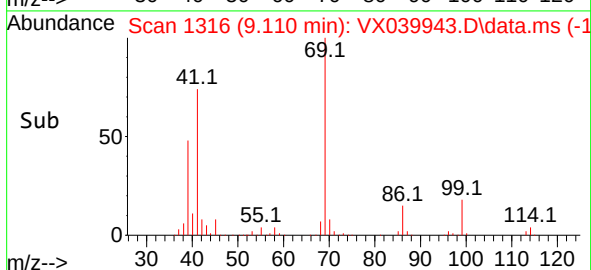
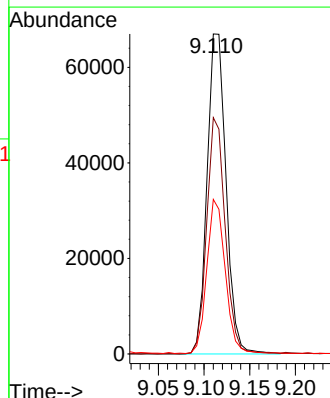
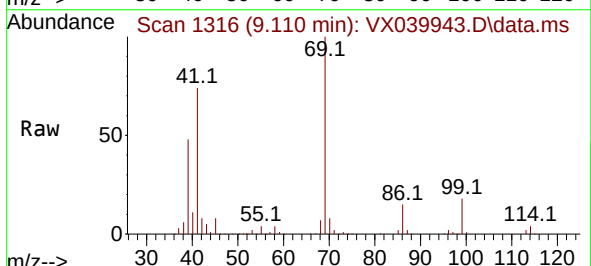
Reviewed By :John Carlone 01/26/2024

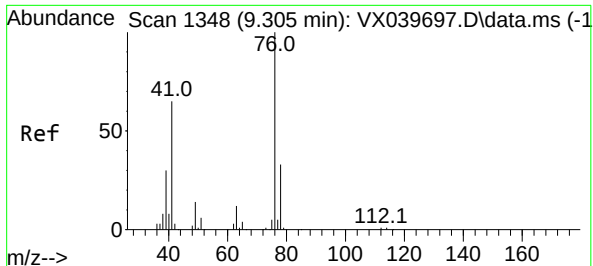
Supervised By :Semsettin Yesilyurt 01/26/2024



#56
Ethyl methacrylate
Concen: 52.622 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion:	69	Resp:	96820
Ion	Ratio	Lower	Upper
69	100		
41	72.4	56.8	85.2
39	46.9	32.0	48.0





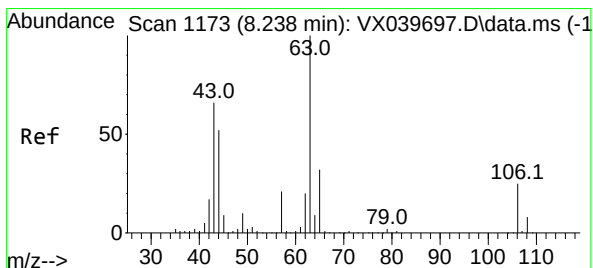
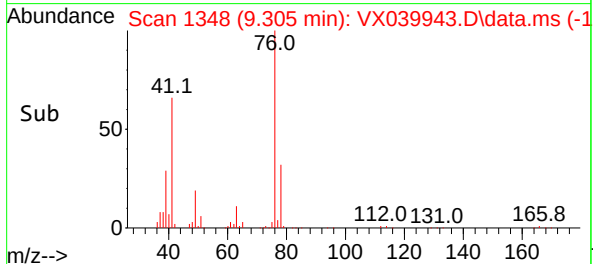
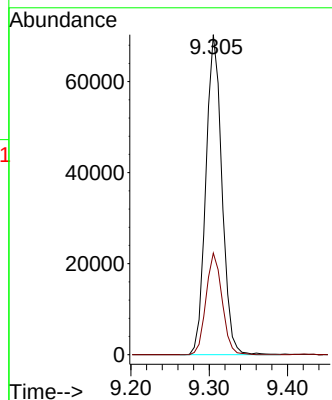
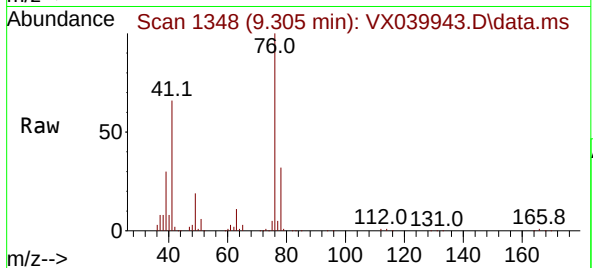
#57
1,3-Dichloropropane
Concen: 51.824 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 99840
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1

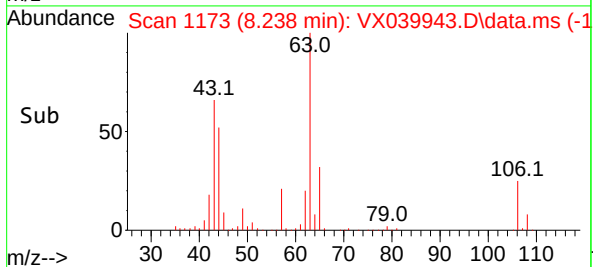
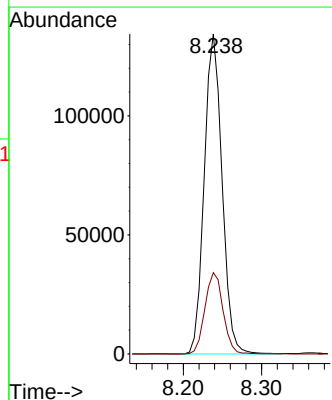
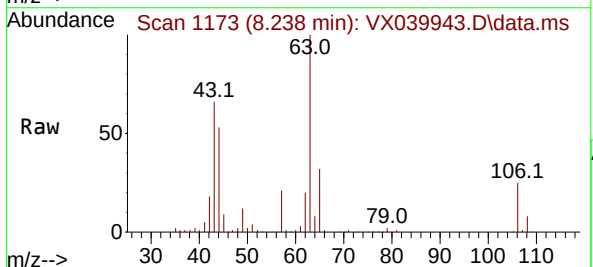
Manual Integrations
APPROVED

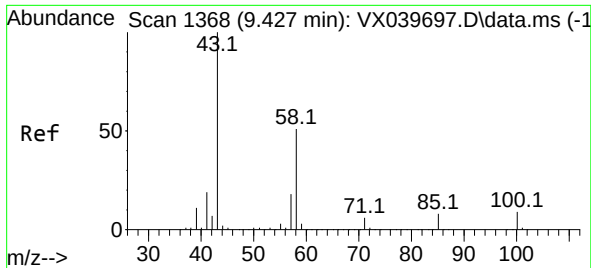
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 243.814 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

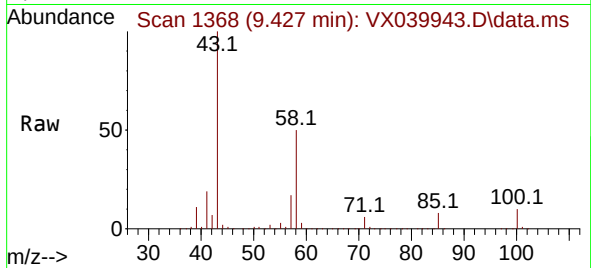
Tgt Ion: 63 Resp: 212039
Ion Ratio Lower Upper
63 100
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 260.150 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

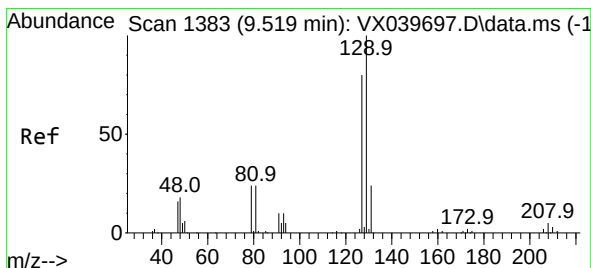
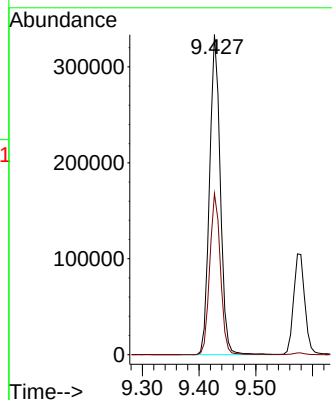
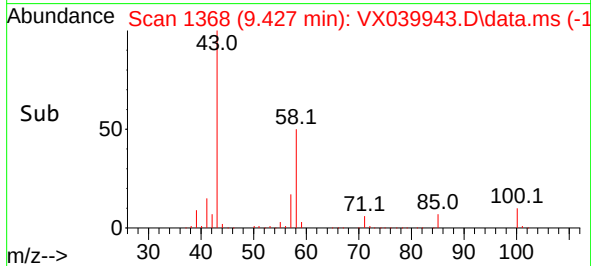
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 438108
Ion Ratio Lower Upper
43 100
58 50.3 26.2 78.5

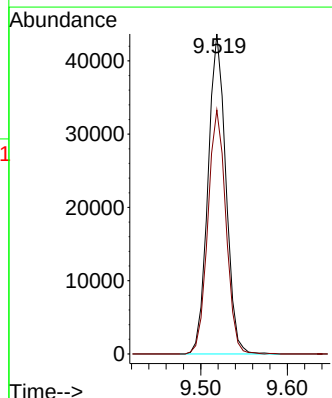
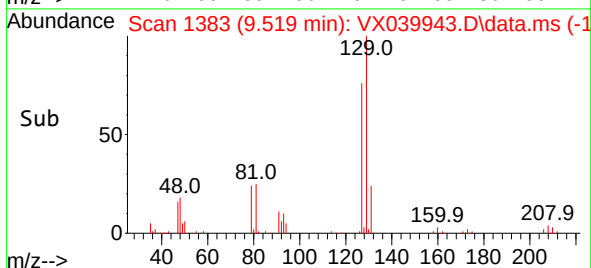
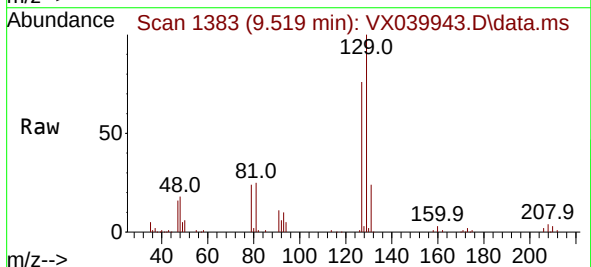
Manual Integrations
APPROVED

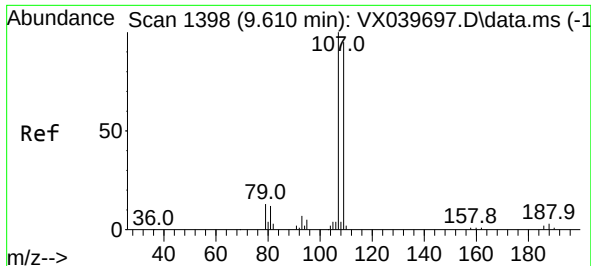
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#60
Dibromochloromethane
Concen: 58.281 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion:129 Resp: 62482
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.942 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

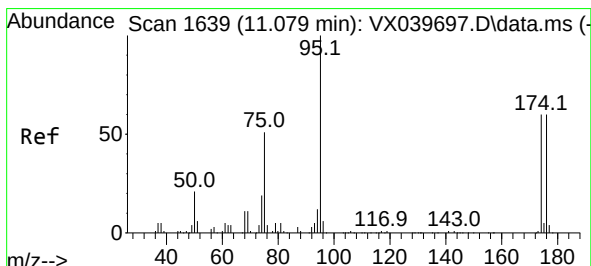
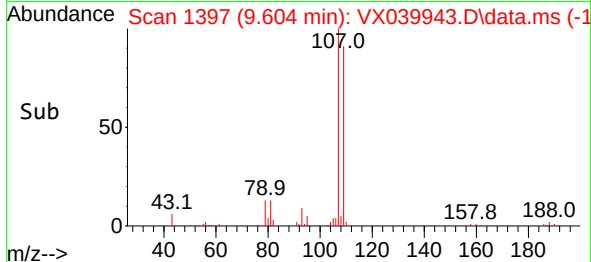
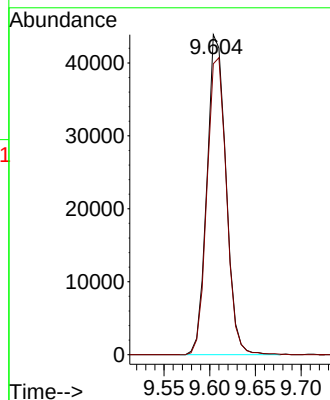
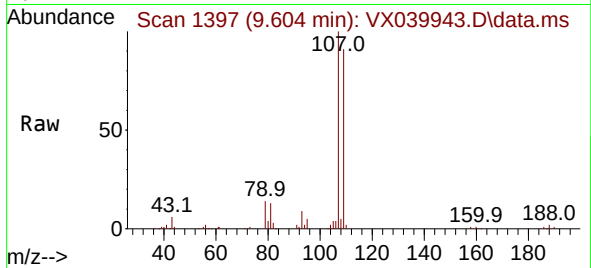
Tgt Ion:107 Resp: 6350
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

Manual Integrations

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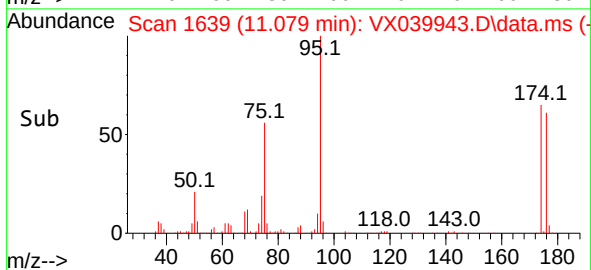
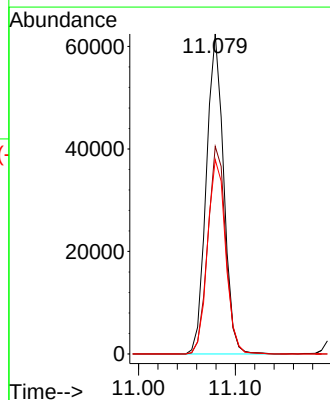
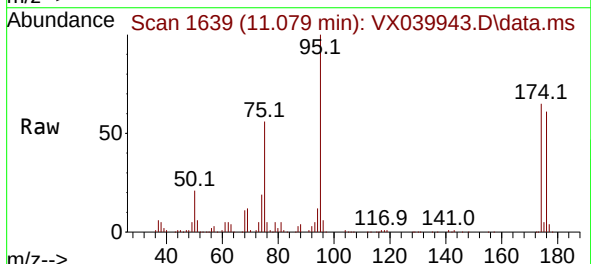
Reviewed By :John Carlone 01/26/2024

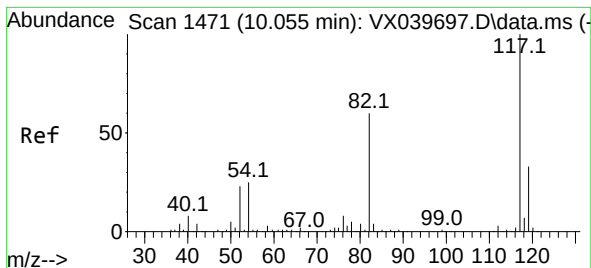
Supervised By :Semsettin Yesilyurt 01/26/2024



#62
4-Bromofluorobenzene
Concen: 52.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

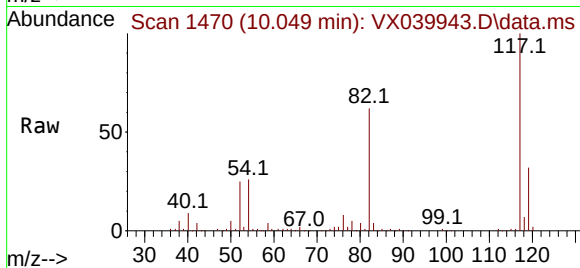
Tgt Ion: 95 Resp: 78157
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.6
176 63.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

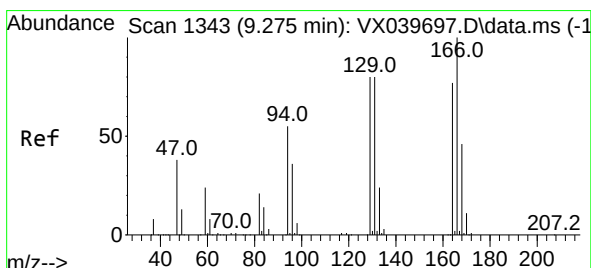
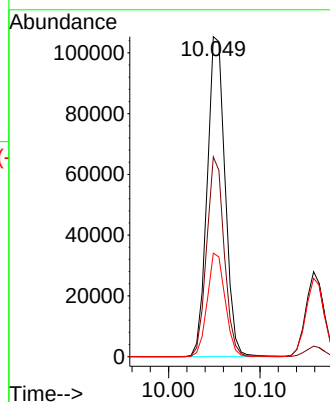
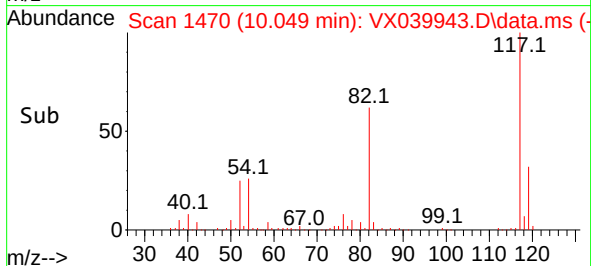
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 143010
Ion Ratio Lower Upper
117 100
82 62.4 46.2 69.4
119 32.4 25.5 38.3

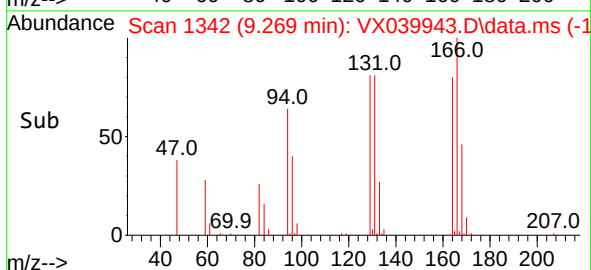
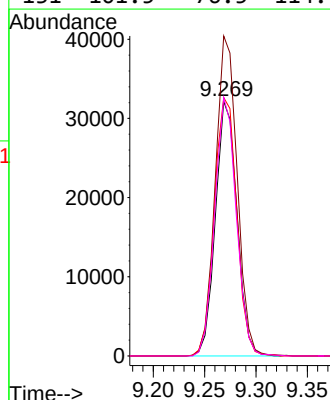
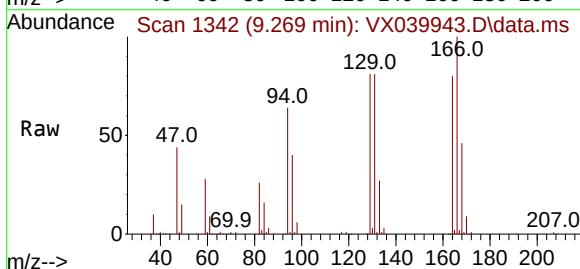
Manual Integrations
APPROVED

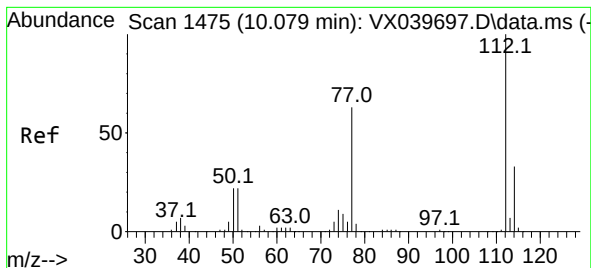
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#64
Tetrachloroethene
Concen: 50.277 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion:164 Resp: 46757
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 101.5 80.4 120.6
131 101.5 76.5 114.7





#65

Chlorobenzene

Concen: 50.806 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 151329

Ion Ratio Lower Upper

112 100

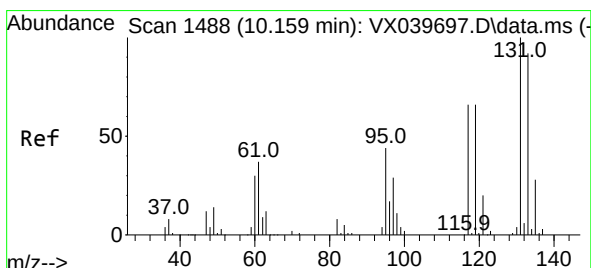
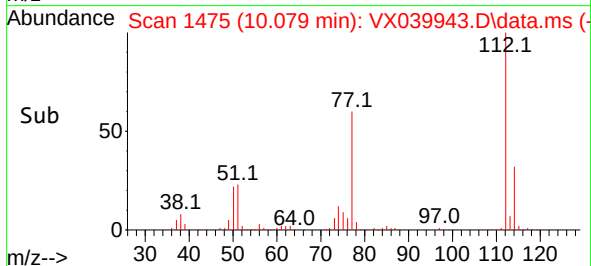
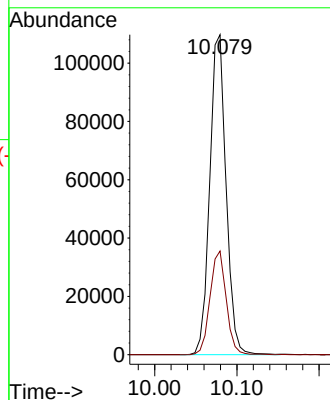
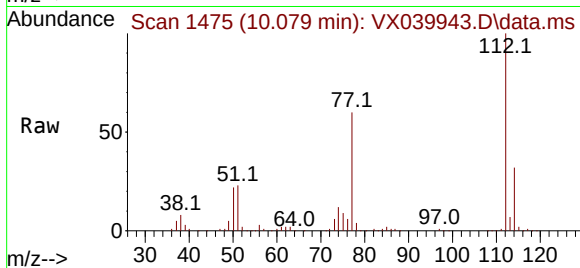
114 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 54.851 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

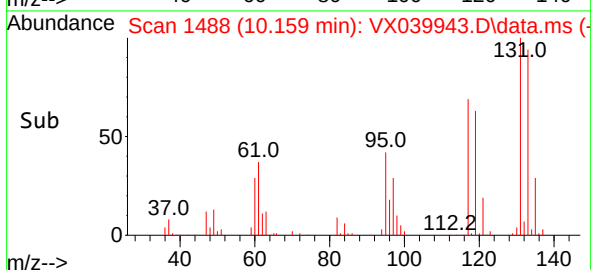
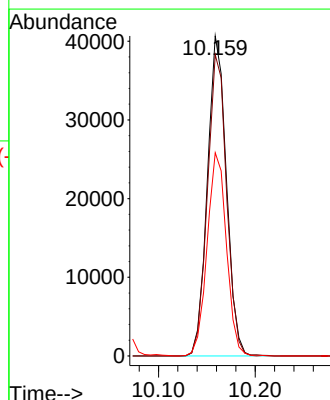
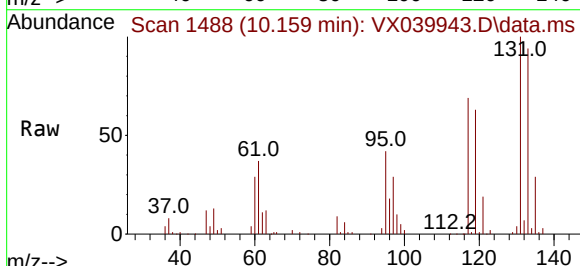
Tgt Ion:131 Resp: 55631

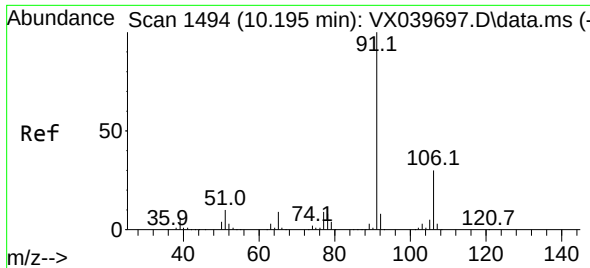
Ion Ratio Lower Upper

131 100

133 95.1 47.1 141.4

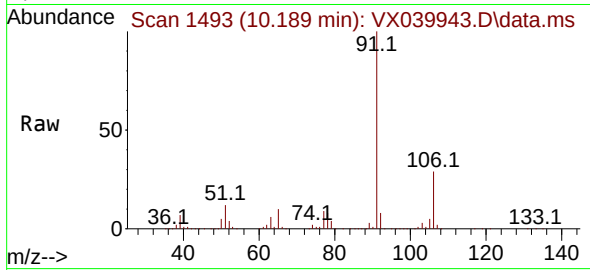
119 64.4 32.2 96.6





#67
Ethyl Benzene
Concen: 51.922 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

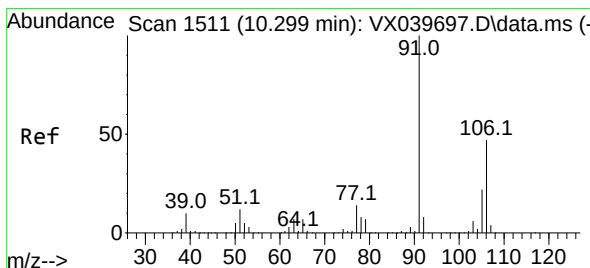
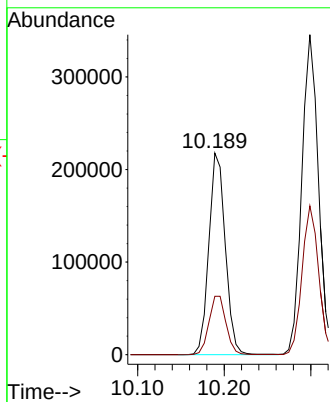
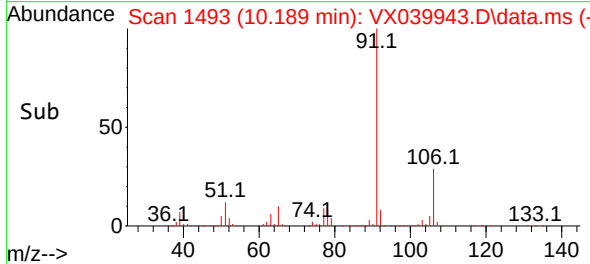
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 287123
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3

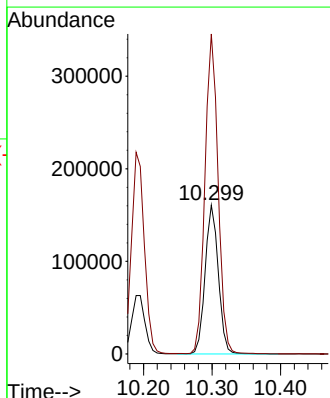
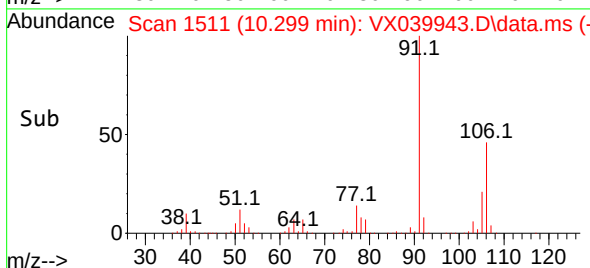
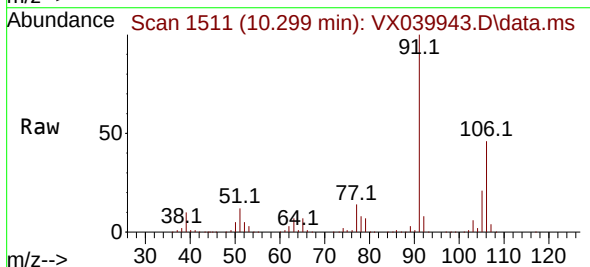
Manual Integrations
APPROVED

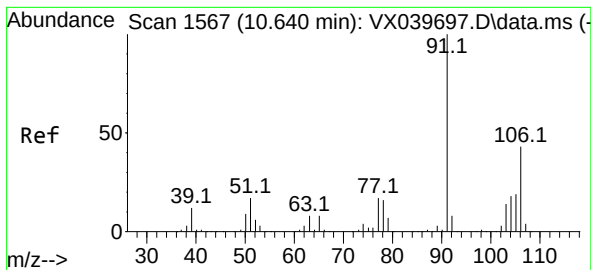
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#68
m/p-Xylenes
Concen: 106.002 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion:106 Resp: 215579
Ion Ratio Lower Upper
106 100
91 213.9 165.5 248.3





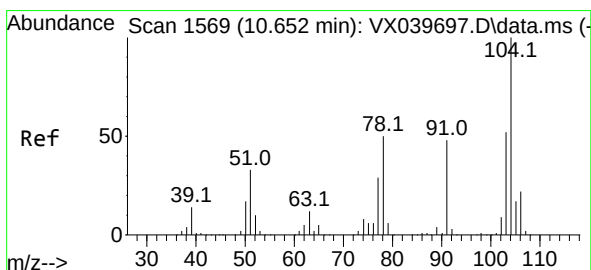
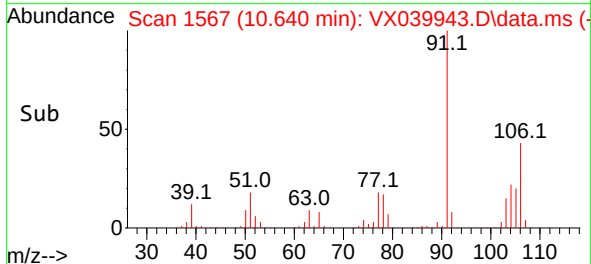
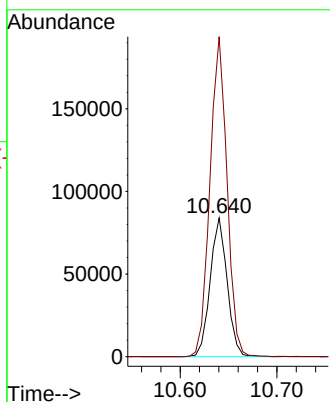
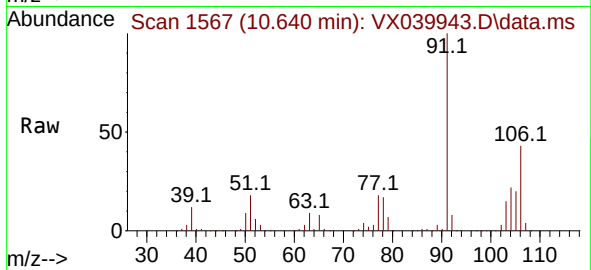
#69
o-Xylene
Concen: 50.901 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 102510
Ion Ratio Lower Upper
106 100
91 232.2 108.9 326.8

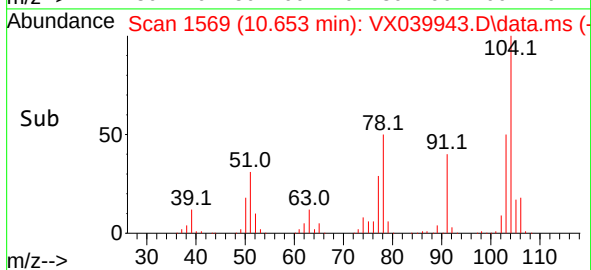
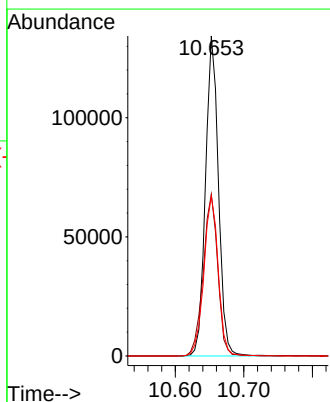
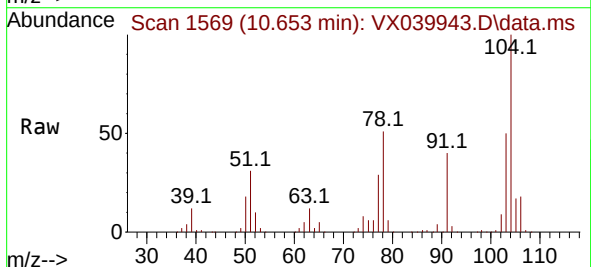
Manual Integrations
APPROVED

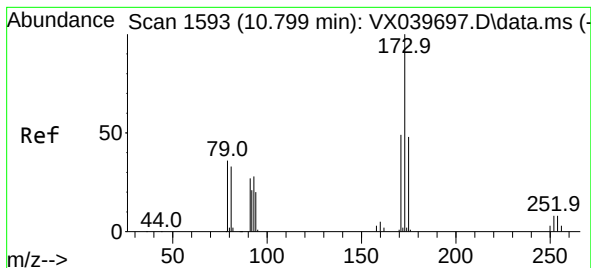
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#70
Styrene
Concen: 53.877 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion:104 Resp: 177256
Ion Ratio Lower Upper
104 100
78 56.6 43.6 65.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 57.722 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 4395

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

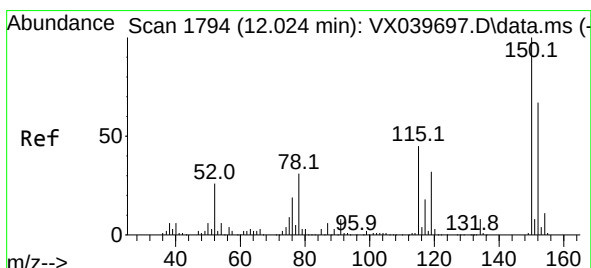
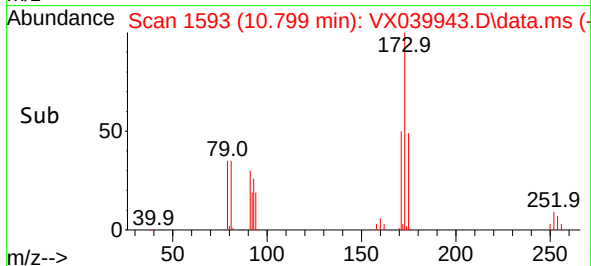
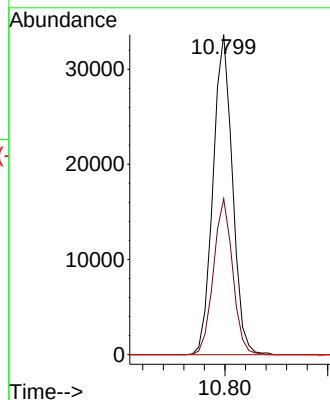
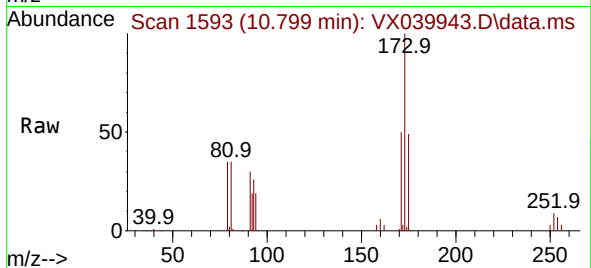
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

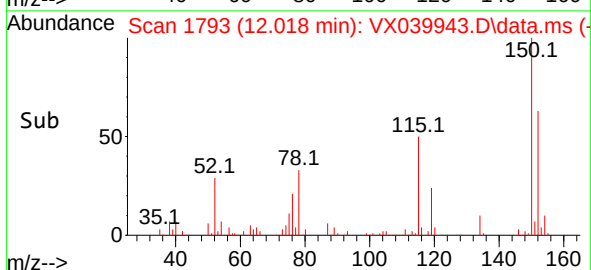
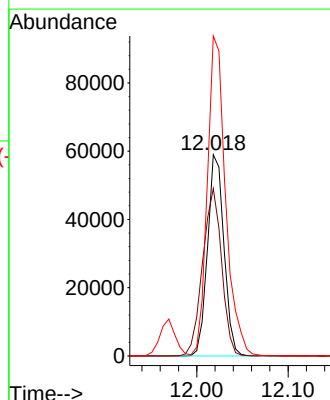
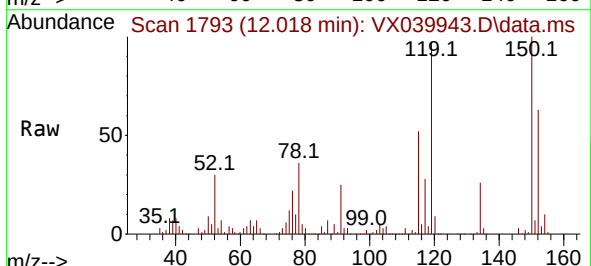
Tgt Ion:152 Resp: 73522

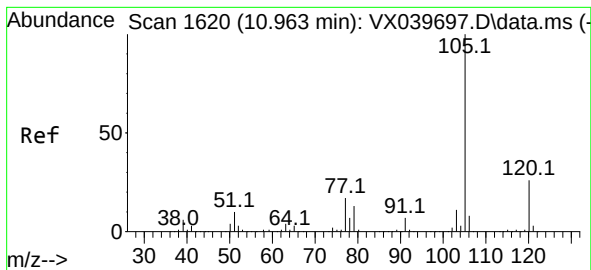
Ion Ratio Lower Upper

152 100

115 96.1 43.3 129.9

150 176.4 0.0 345.0





#73

Isopropylbenzene

Concen: 48.432 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 283498

Ion Ratio Lower Upper

105 100

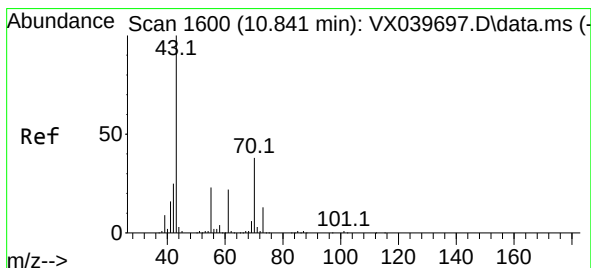
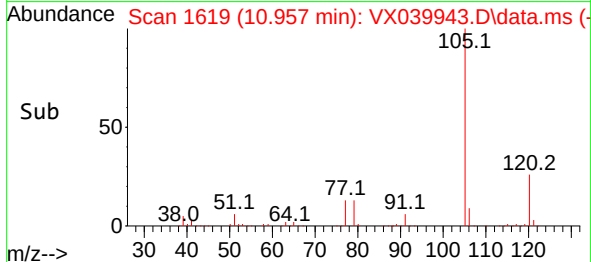
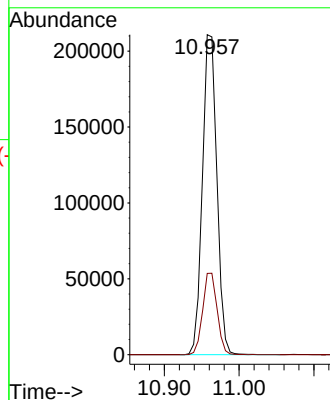
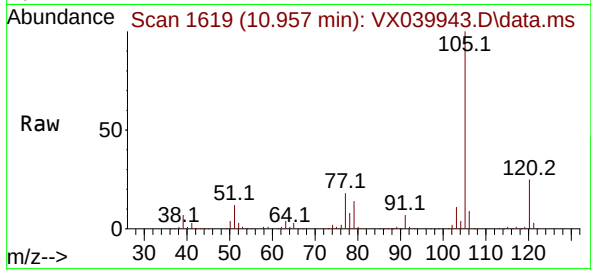
120 25.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#74

N-ethyl acetate

Concen: 48.156 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Tgt Ion: 43 Resp: 146934

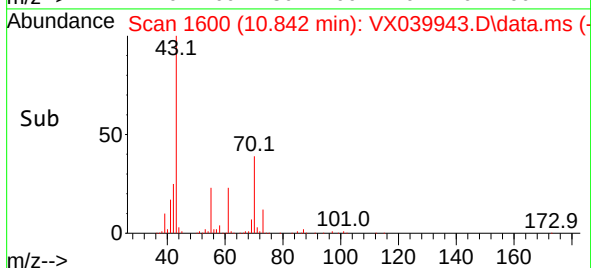
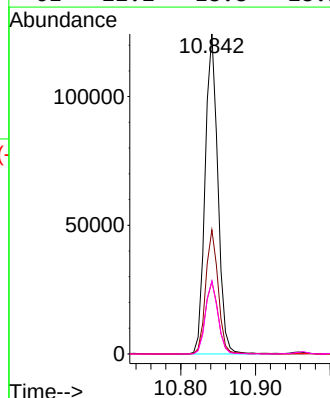
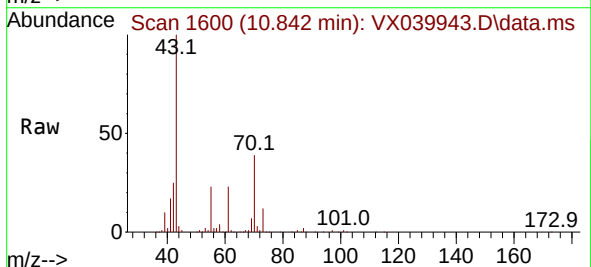
Ion Ratio Lower Upper

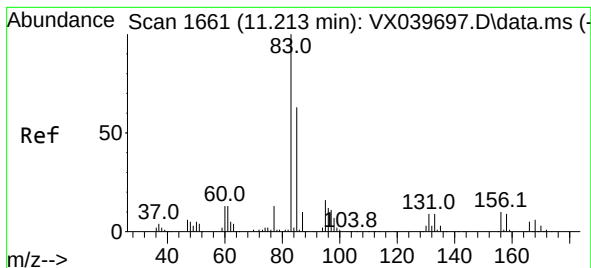
43 100

70 37.8 32.9 49.3

55 22.9 19.3 28.9

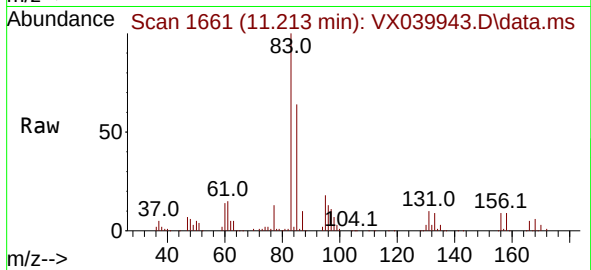
61 22.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.860 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

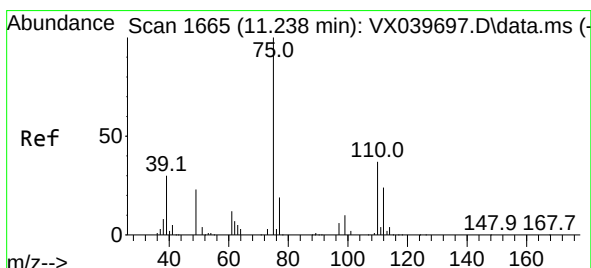
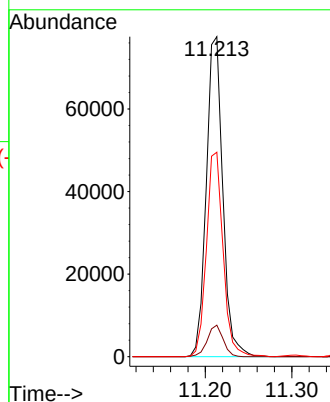
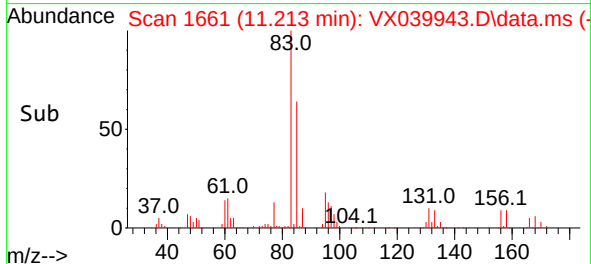
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 102508
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 64.6 32.0 96.2

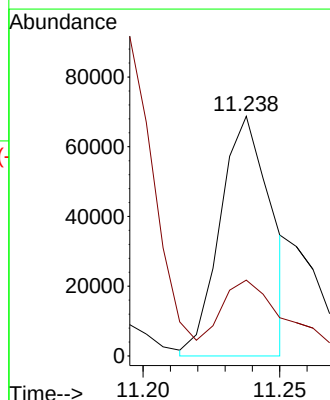
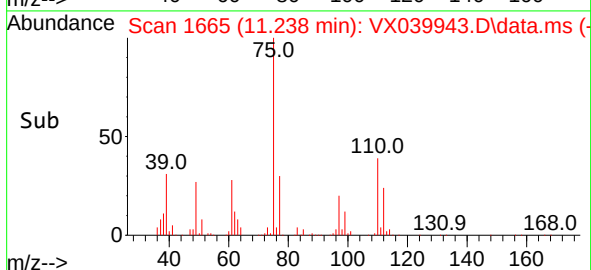
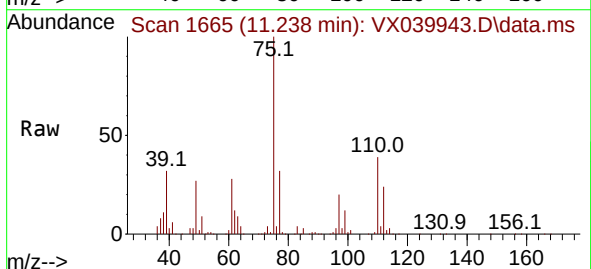
Manual Integrations
APPROVED

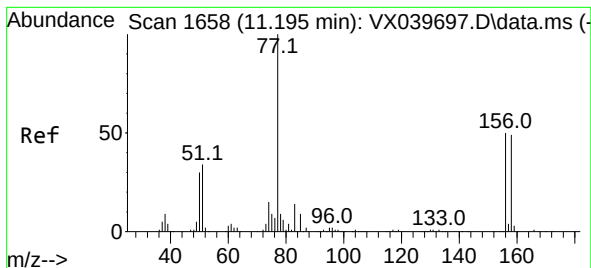
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#76
1,2,3-Trichloropropane
Concen: 46.631 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 75 Resp: 88884
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 47.500 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 61908

Ion Ratio Lower Upper

156 100

77 190.2 88.4 265.3

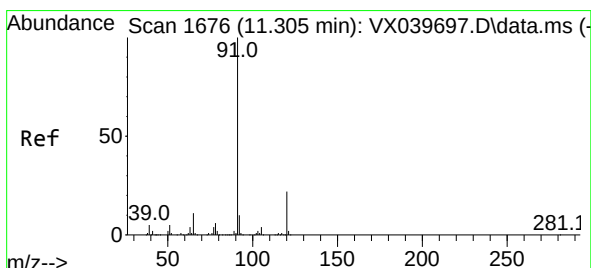
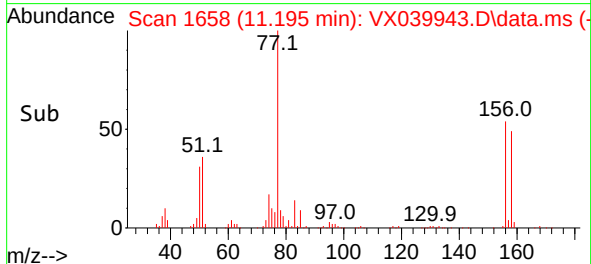
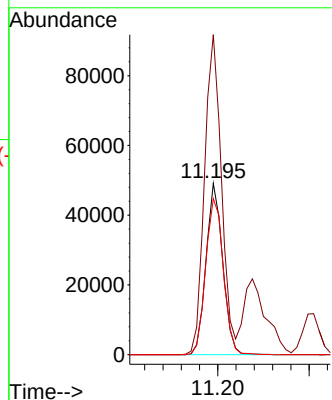
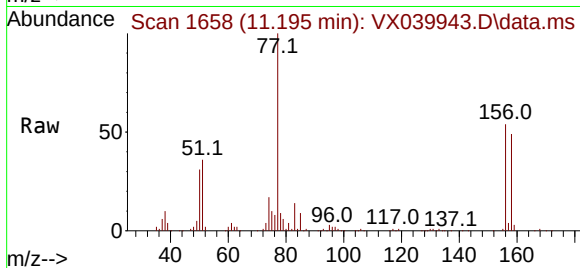
158 96.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#78

n-propylbenzene

Concen: 50.238 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039943.D

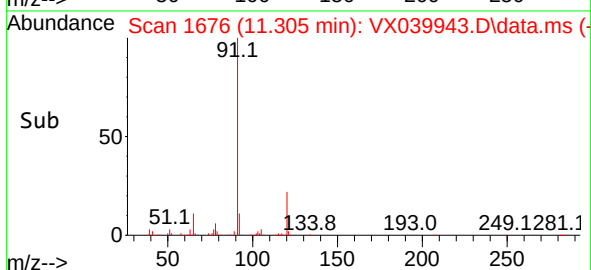
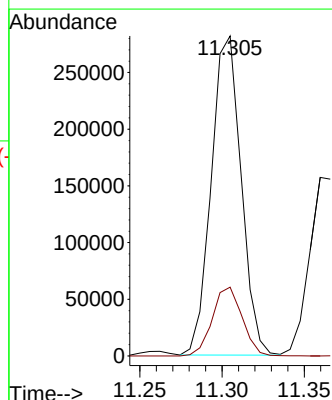
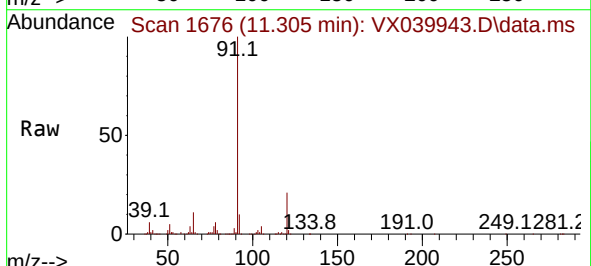
Acq: 25 Jan 2024 10:20

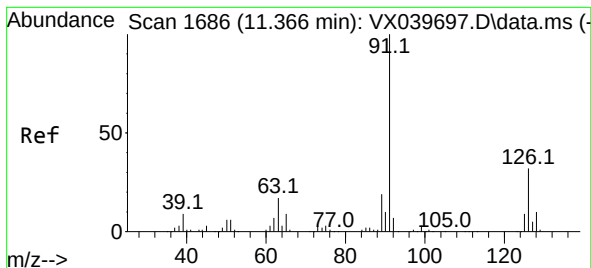
Tgt Ion: 91 Resp: 355928

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





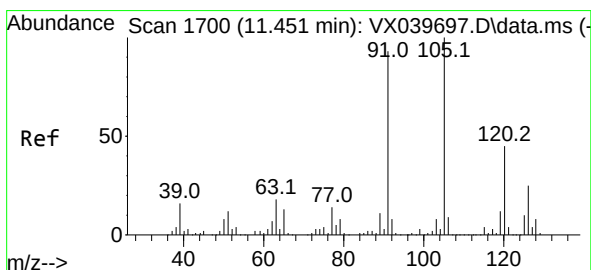
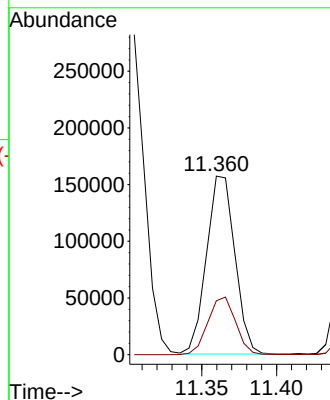
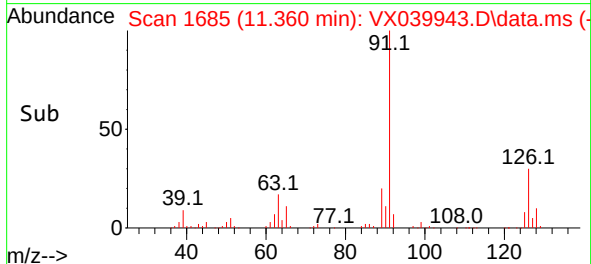
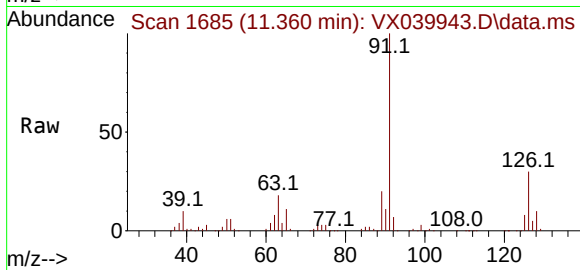
#79
2-Chlorotoluene
Concen: 47.493 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 207959
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

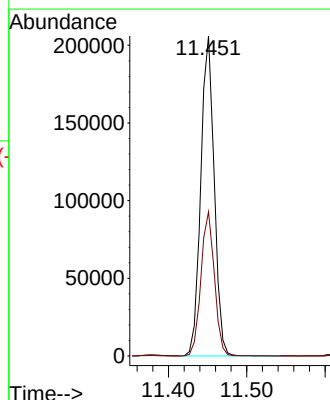
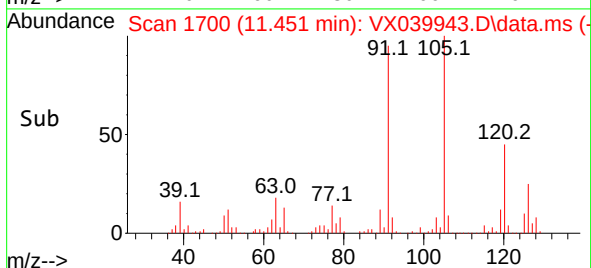
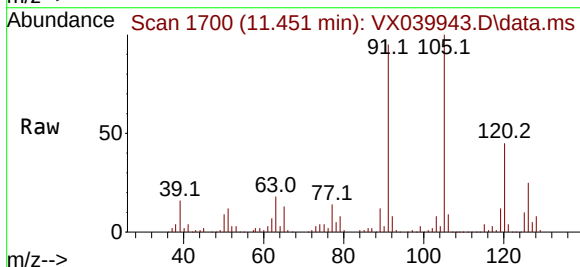
Manual Integrations
APPROVED

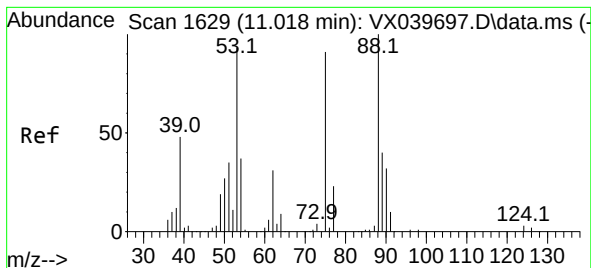
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.432 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion:105 Resp: 245753
Ion Ratio Lower Upper
105 100
120 45.1 24.1 72.3





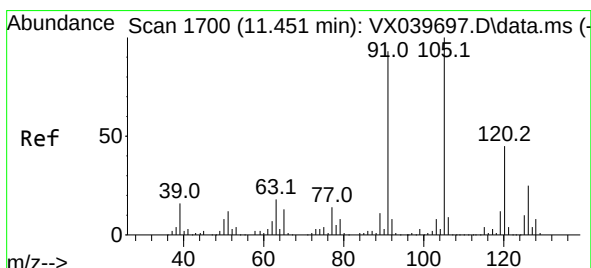
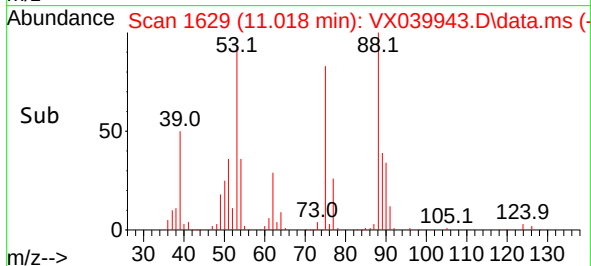
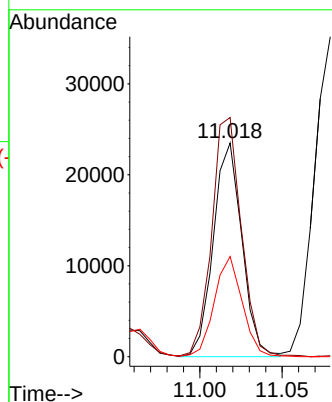
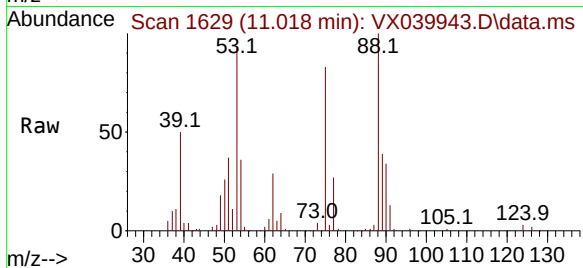
#81
trans-1,4-Dichloro-2-butene
Concen: 45.071 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2845
Ion Ratio Lower Upper
75 100
53 115.7 90.5 135.7
89 45.7 36.9 55.3

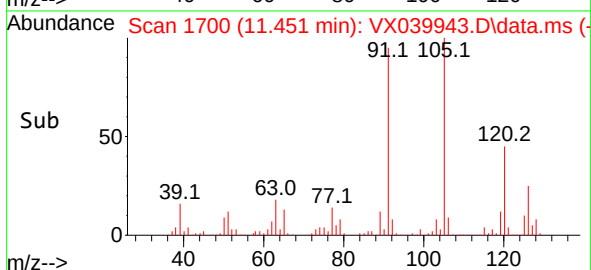
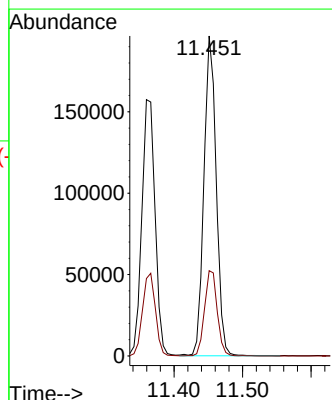
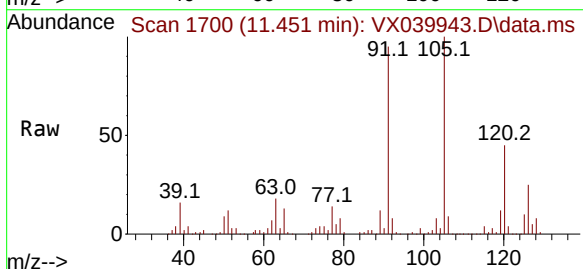
Manual Integrations
APPROVED

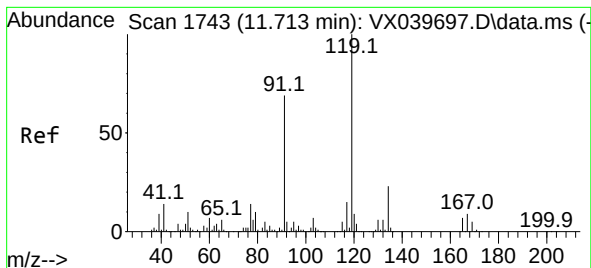
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#82
4-Chlorotoluene
Concen: 49.521 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

Tgt Ion: 91 Resp: 245959
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.885 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 23202

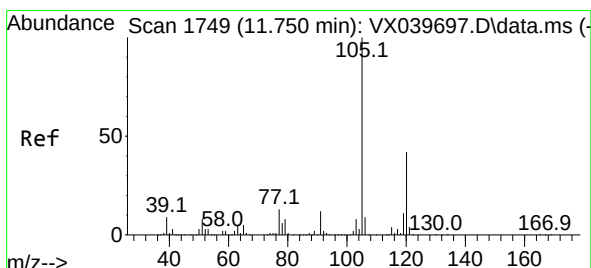
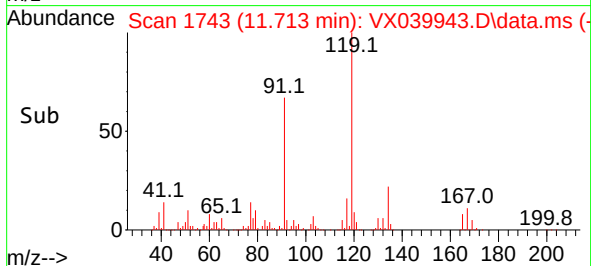
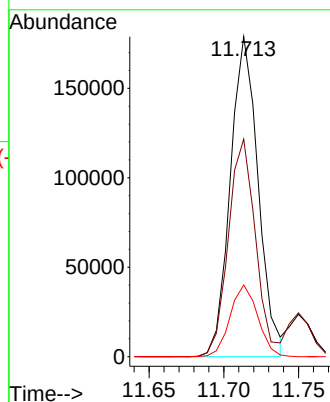
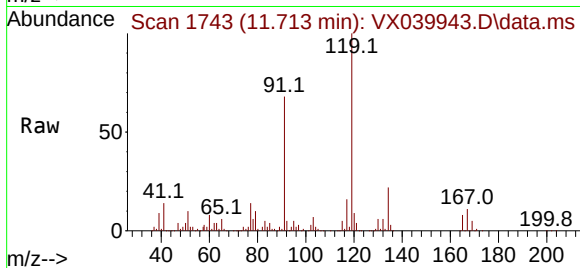
Ion	Ratio	Lower	Upper
119	100		
91	66.5	31.2	93.6
134	22.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#84

1,2,4-Trimethylbenzene

Concen: 49.858 ug/l

RT: 11.750 min Scan# 1749

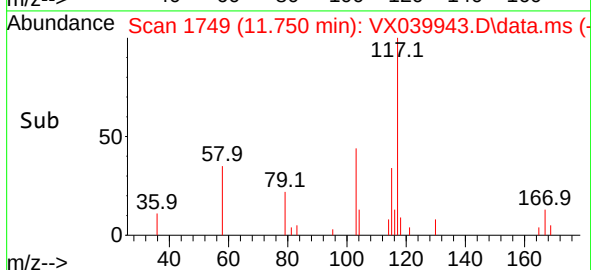
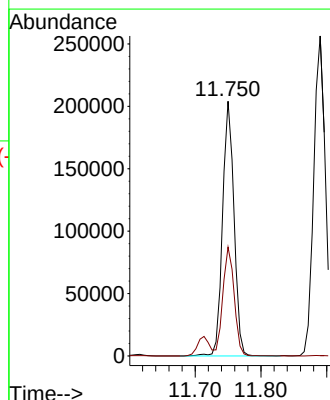
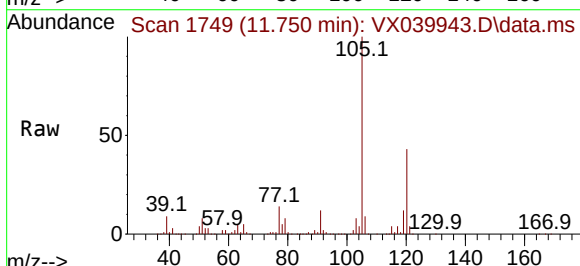
Delta R.T. 0.000 min

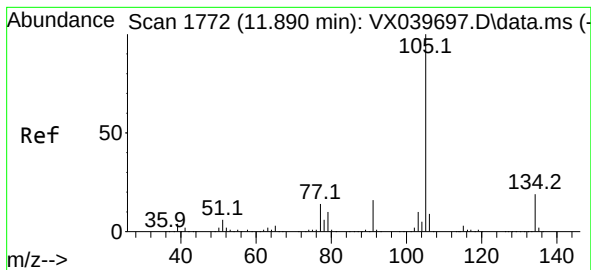
Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Tgt Ion:105 Resp: 247293

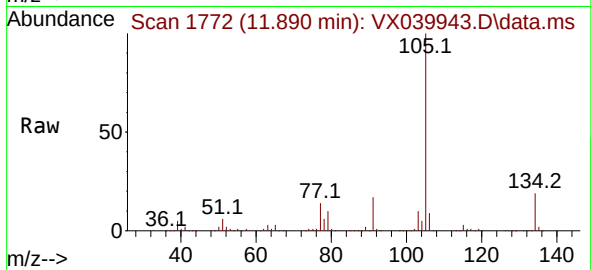
Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 51.320 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039943.D
 Acq: 25 Jan 2024 10:20

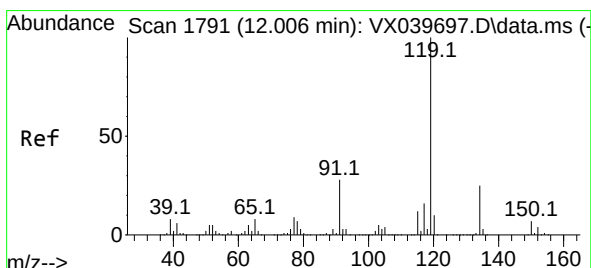
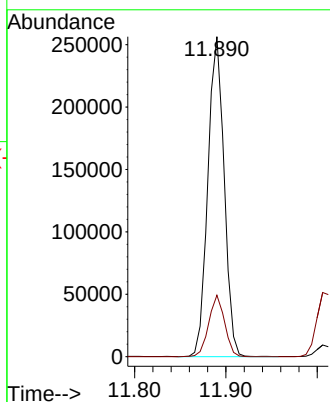
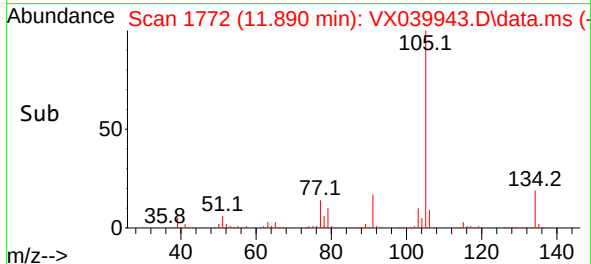
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



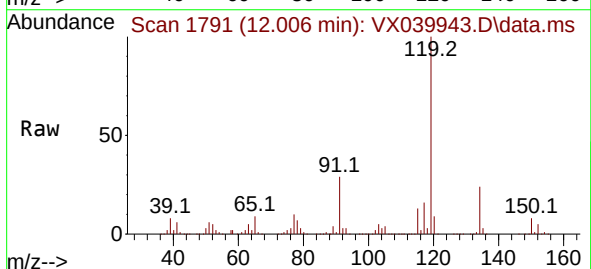
Tgt Ion:105 Resp: 316198
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
 APPROVED

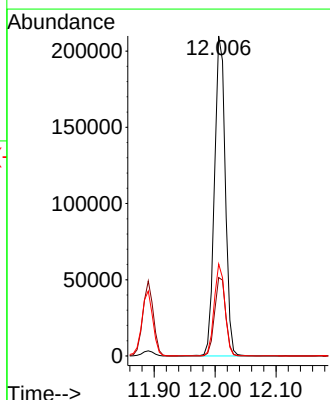
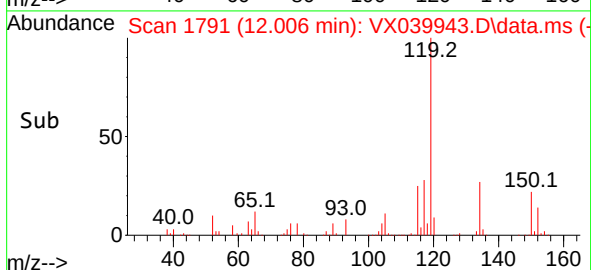
Reviewed By :John Carlone 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

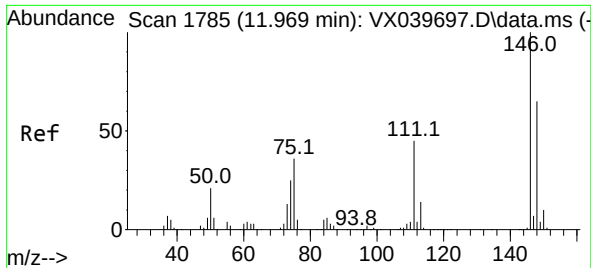


#86
 p-Isopropyltoluene
 Concen: 52.349 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039943.D
 Acq: 25 Jan 2024 10:20



Tgt Ion:119 Resp: 257781
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 28.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.075 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 125104

Ion Ratio Lower Upper

146 100

111 45.3 22.1 66.1

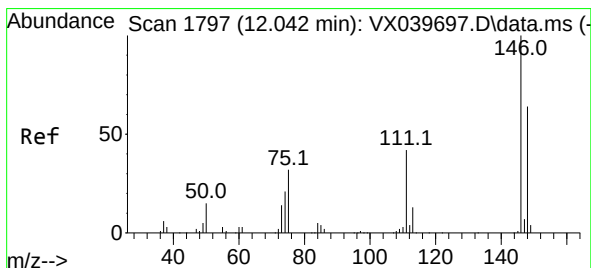
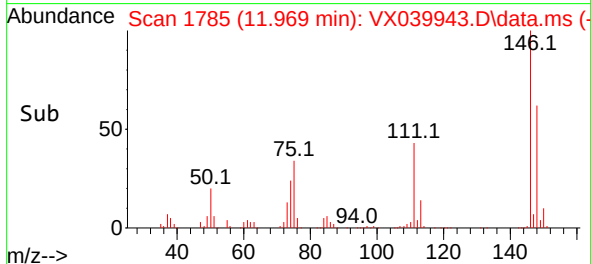
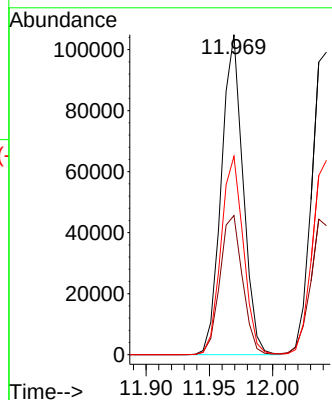
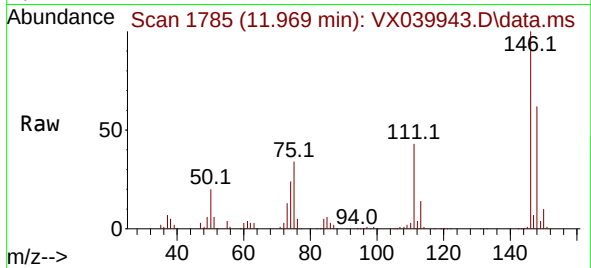
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#88

1,4-Dichlorobenzene

Concen: 49.271 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

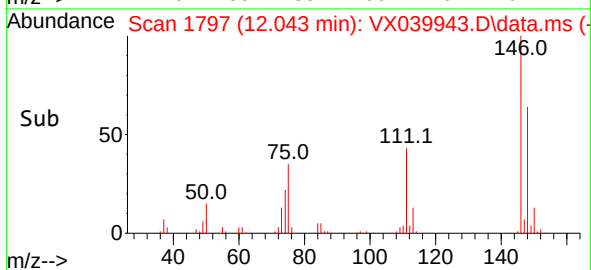
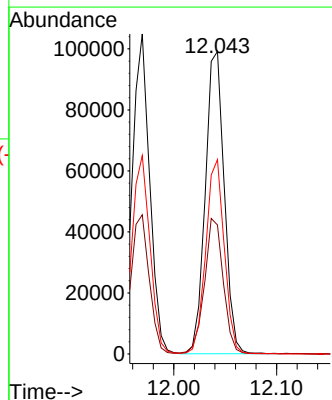
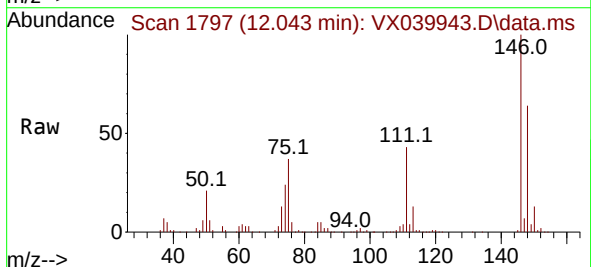
Tgt Ion:146 Resp: 127136

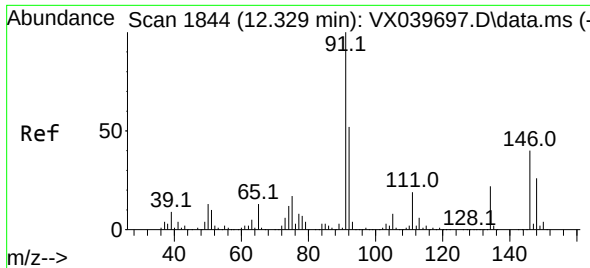
Ion Ratio Lower Upper

146 100

111 44.5 21.3 63.7

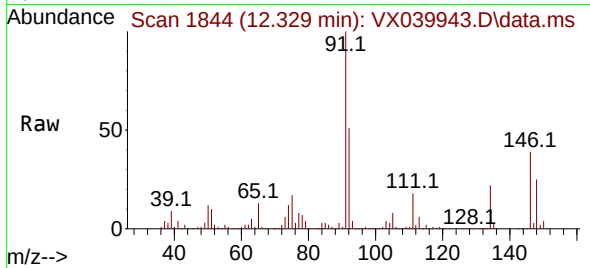
148 63.0 31.8 95.4





#89
n-Butylbenzene
Concen: 54.539 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

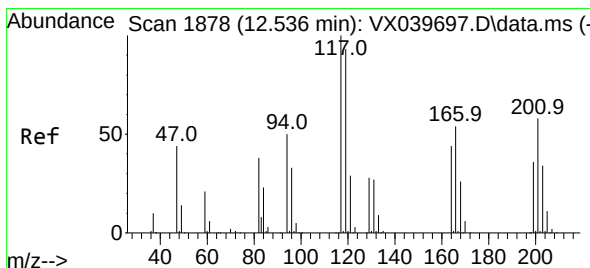
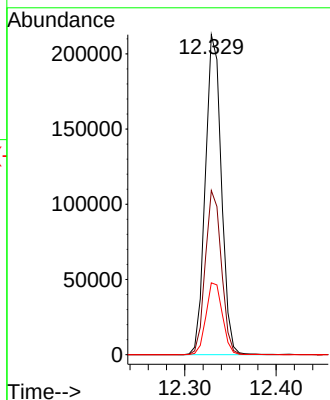
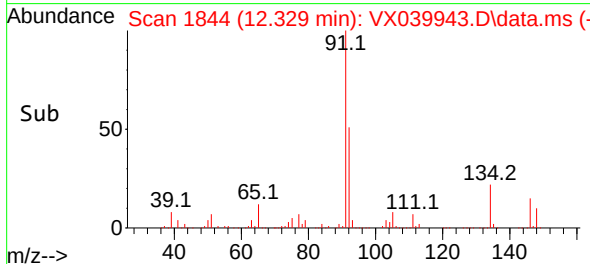
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 25939
Ion Ratio Lower Upper
91 100
92 51.5 27.4 82.0
134 23.0 12.6 37.8

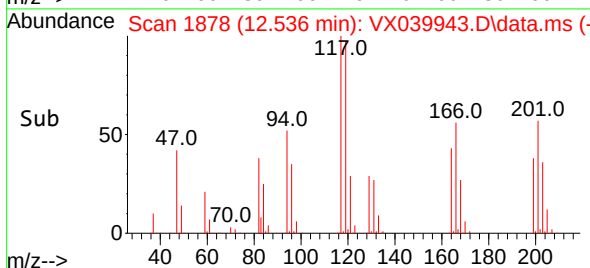
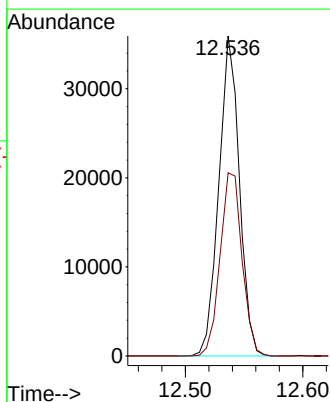
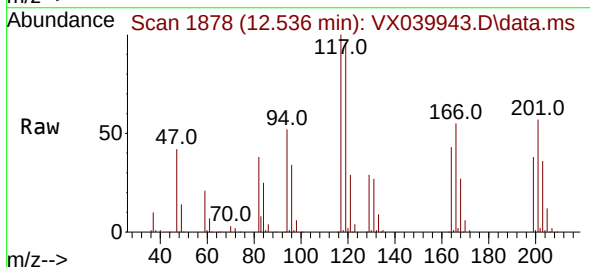
Manual Integrations
APPROVED

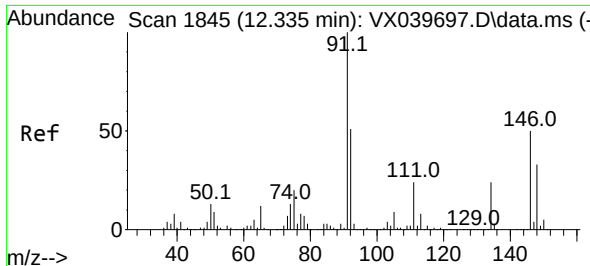
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#90
Hexachloroethane
Concen: 52.626 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

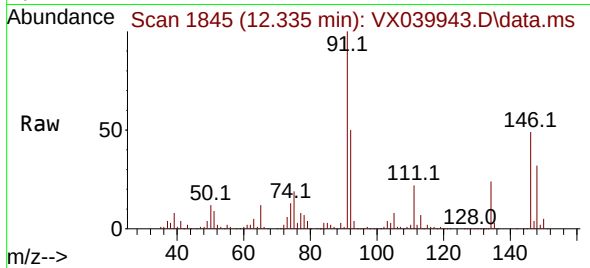
Tgt Ion:117 Resp: 43718
Ion Ratio Lower Upper
117 100
201 61.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.705 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20

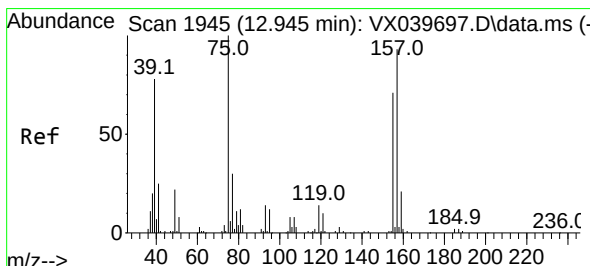
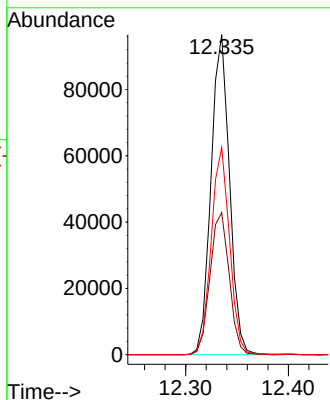
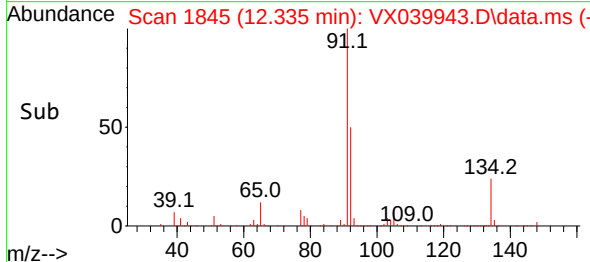
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



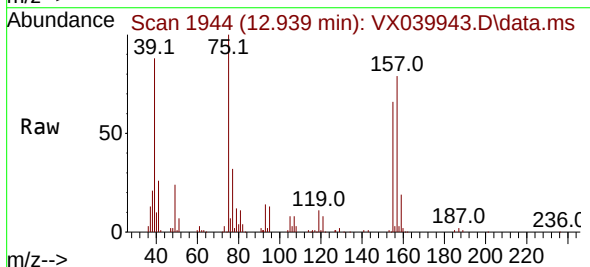
Tgt Ion:146 Resp: 120290
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
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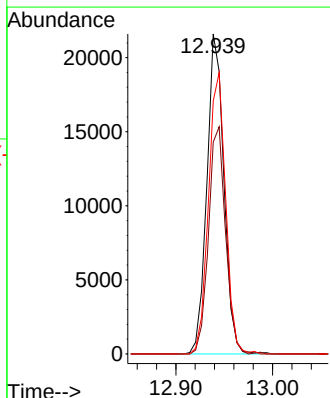
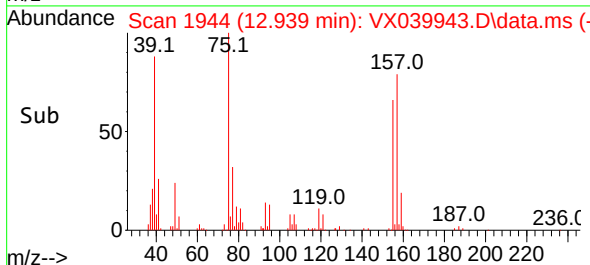
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

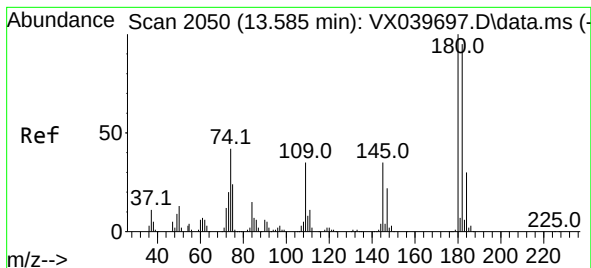


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.225 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039943.D
Acq: 25 Jan 2024 10:20



Tgt Ion: 75 Resp: 26414
Ion Ratio Lower Upper
75 100
155 70.9 36.1 108.5
157 88.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.068 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

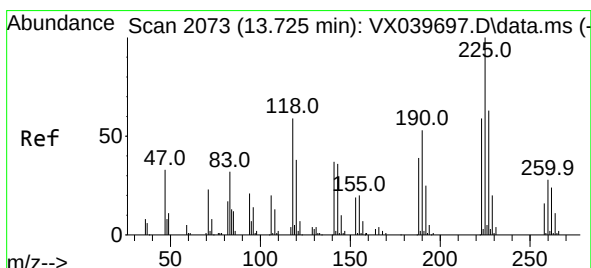
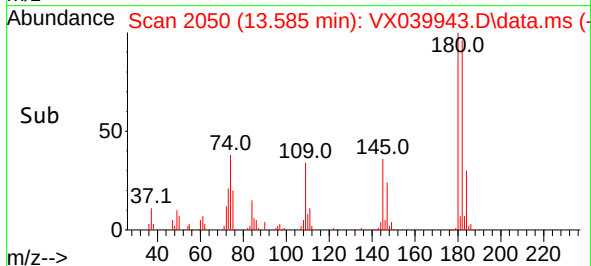
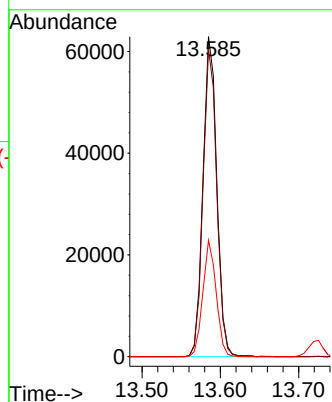
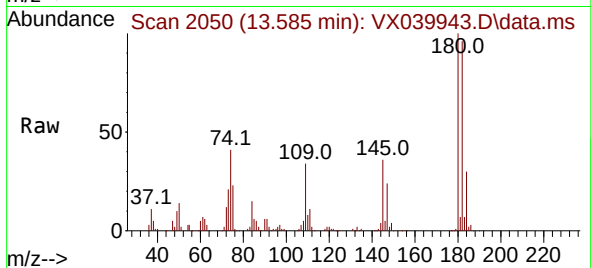
Tgt Ion:	180	Resp:	7708
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.3	144.8
145	35.2	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#94

Hexachlorobutadiene

Concen: 55.256 ug/l

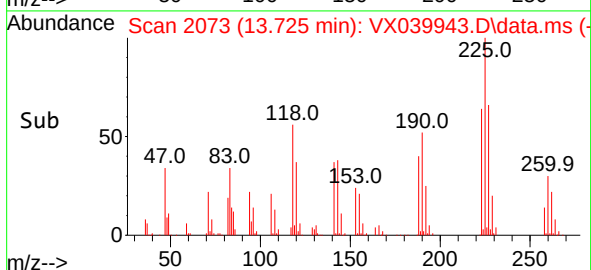
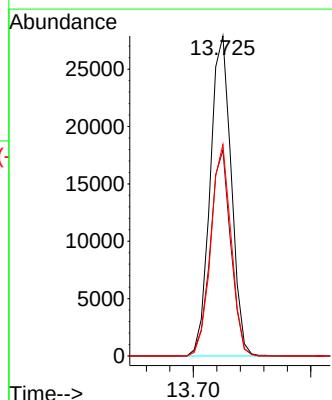
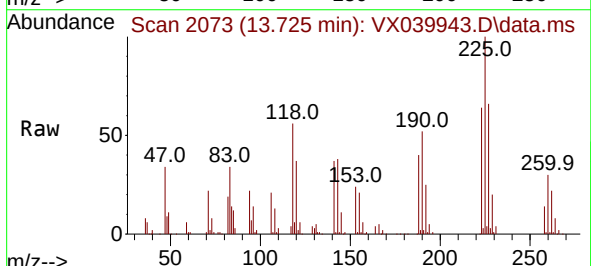
RT: 13.725 min Scan# 2073

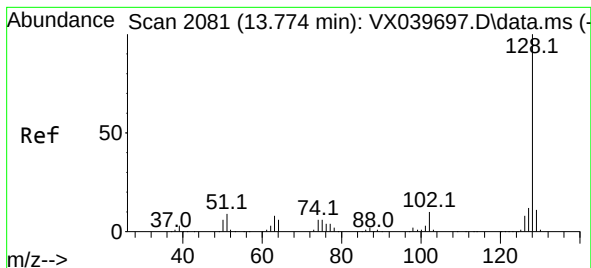
Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Tgt Ion:	225	Resp:	34670
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.1	93.2
227	63.5	32.5	97.5





#95

Naphthalene

Concen: 48.695 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

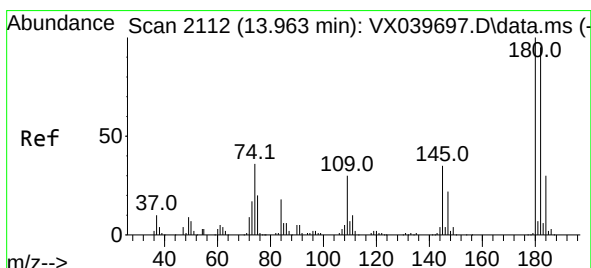
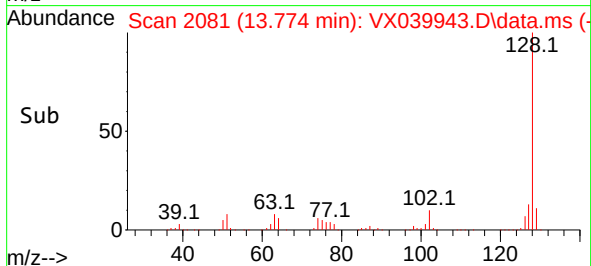
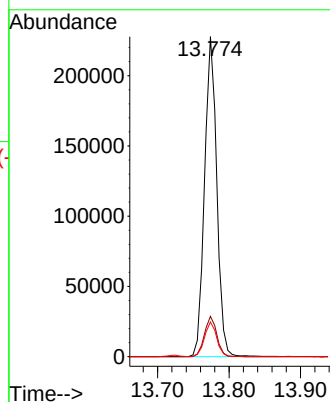
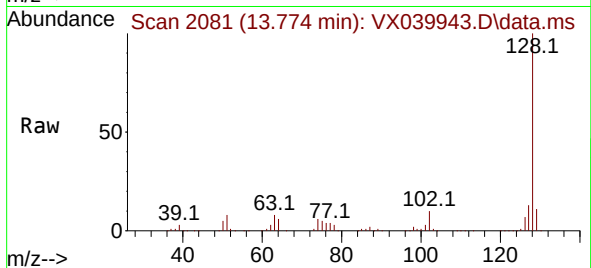
Tgt Ion:128 Resp: 27057
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.094 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039943.D

Acq: 25 Jan 2024 10:20

Tgt Ion:180 Resp: 76310
 Ion Ratio Lower Upper
 180 100
 182 93.8 46.9 140.6
 145 36.5 17.8 53.5

