

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039787.D
 Acq On : 17 Jan 2024 09:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 18 02:36:20 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 01/18/2024
 Supervised By : Semsettin Yesilyurt 01/18/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	99072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	172162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	157983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80491	48.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.000%		
35) Dibromofluoromethane	5.379	113	61608	53.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.260%		
50) Toluene-d8	8.647	98	225309	51.518	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.040%		
62) 4-Bromofluorobenzene	11.079	95	91224	53.340	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58097	45.324	ug/l	98
3) Chloromethane	1.294	50	66055	45.123	ug/l	97
4) Vinyl Chloride	1.374	62	65090	47.114	ug/l	95
5) Bromomethane	1.599	94	42240	53.585	ug/l	98
6) Chloroethane	1.684	64	39975	50.900	ug/l	97
7) Trichlorofluoromethane	1.886	101	102318	51.340	ug/l	100
8) Diethyl Ether	2.130	74	37080	50.347	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	63046	51.027	ug/l	97
10) Methyl Iodide	2.453	142	71183	54.612	ug/l	94
11) Tert butyl alcohol	2.953	59	85166	197.139	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	60621	50.839	ug/l	94
13) Acrolein	2.233	56	55571	206.478	ug/l	99
14) Allyl chloride	2.660	41	114337	48.719	ug/l	98
15) Acrylonitrile	3.056	53	204670	229.353	ug/l	99
16) Acetone	2.367	43	265886	284.873	ug/l	95
17) Carbon Disulfide	2.514	76	171299	49.982	ug/l	98
18) Methyl Acetate	2.696	43	94144	48.213	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	206547	48.791	ug/l	100
20) Methylene Chloride	2.788	84	70637	50.034	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	64496	51.398	ug/l	96
22) Diisopropyl ether	3.751	45	219971	49.115	ug/l	100
23) Vinyl Acetate	3.715	43	1039143	249.604	ug/l	99
24) 1,1-Dichloroethane	3.605	63	121774	49.423	ug/l	99
25) 2-Butanone	4.538	43	324088	241.625	ug/l	100
26) 2,2-Dichloropropane	4.471	77	99477	50.305	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	74142	51.516	ug/l	98
28) Bromochloromethane	4.891	49	57698	51.661	ug/l	98
29) Tetrahydrofuran	4.989	42	192555	223.043	ug/l	99
30) Chloroform	5.080	83	124907	51.353	ug/l	100
31) Cyclohexane	5.458	56	107587	49.120	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	108251	51.985	ug/l	99
36) 1,1-Dichloropropene	5.684	75	93770	51.952	ug/l	99
37) Ethyl Acetate	4.702	43	112608	46.765	ug/l	99
38) Carbon Tetrachloride	5.672	117	91046	55.075	ug/l	97
39) Methylcyclohexane	7.372	83	112779	52.034	ug/l	97
40) Benzene	6.031	78	266736	52.189	ug/l	100

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 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 18 02:36:20 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 01/18/2024
 Supervised By :Semsettin Yesilyurt 01/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	59395	50.441	ug/l	96
42) 1,2-Dichloroethane	6.080	62	103779	53.409	ug/l	100
43) Isopropyl Acetate	6.330	43	178813	50.622	ug/l	99
44) Trichloroethene	7.116	130	68279	54.511	ug/l	100
45) 1,2-Dichloropropane	7.421	63	72414	52.816	ug/l	99
46) Dibromomethane	7.574	93	51083	53.943	ug/l	98
47) Bromodichloromethane	7.818	83	97701	55.706	ug/l	99
48) Methyl methacrylate	7.683	41	87396	50.336	ug/l	94
49) 1,4-Dioxane	7.653	88	29944	891.297	ug/l #	95
51) 4-Methyl-2-Pentanone	8.567	43	596996	245.399	ug/l	99
52) Toluene	8.714	92	166855	54.657	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	106250	57.091	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	112999	55.219	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	68113	52.406	ug/l	93
56) Ethyl methacrylate	9.110	69	112746	53.598	ug/l	97
57) 1,3-Dichloropropane	9.305	76	116994	53.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	259453	260.940	ug/l	96
59) 2-Hexanone	9.427	43	512162	266.004	ug/l	99
60) Dibromochloromethane	9.518	129	71714	58.508	ug/l	99
61) 1,2-Dibromoethane	9.604	107	74054	55.020	ug/l	100
64) Tetrachloroethene	9.268	164	55669	54.186	ug/l	96
65) Chlorobenzene	10.073	112	176939	53.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	64700	57.747	ug/l	98
67) Ethyl Benzene	10.189	91	331081	54.197	ug/l	98
68) m/p-Xylenes	10.299	106	246145	109.561	ug/l	96
69) o-Xylene	10.640	106	119009	53.489	ug/l	94
70) Styrene	10.652	104	200995	55.303	ug/l	99
71) Bromoform	10.799	173	49282	58.578	ug/l #	99
73) Isopropylbenzene	10.957	105	320052	50.842	ug/l	99
74) N-amyl acetate	10.841	43	166440	50.723	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	116699	48.548	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	100279m	48.919	ug/l	
77) Bromobenzene	11.195	156	71994	51.365	ug/l	97
78) n-propylbenzene	11.305	91	399196	52.394	ug/l	97
79) 2-Chlorotoluene	11.360	91	232561	49.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	277161	51.840	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	34279	49.938	ug/l	98
82) 4-Chlorotoluene	11.451	91	276306	51.729	ug/l	98
83) tert-Butylbenzene	11.713	119	265514	52.018	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	279496	52.399	ug/l	100
85) sec-Butylbenzene	11.890	105	352972	53.271	ug/l	99
86) p-Isopropyltoluene	12.006	119	287255	54.243	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	141506	52.668	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	143240	51.619	ug/l	99
89) n-Butylbenzene	12.329	91	284891	55.699	ug/l	96
90) Hexachloroethane	12.536	117	51093	57.190	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	138463	52.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28194	47.865	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	87974	54.197	ug/l	98
94) Hexachlorobutadiene	13.725	225	38985	57.776	ug/l	98
95) Naphthalene	13.774	128	301113	50.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84886	51.816	ug/l	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

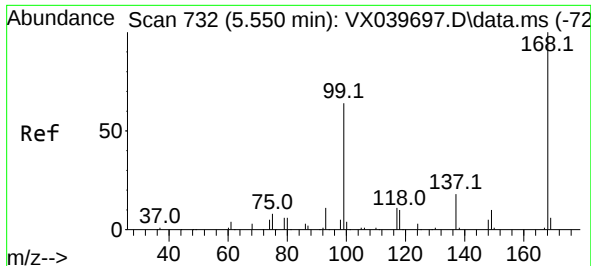
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024

Quant Time: Jan 18 02:36:20 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

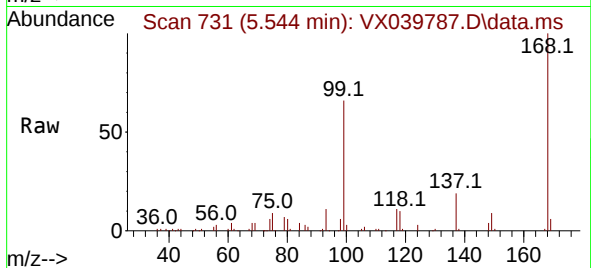
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

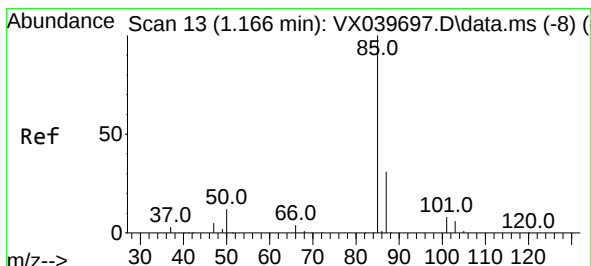
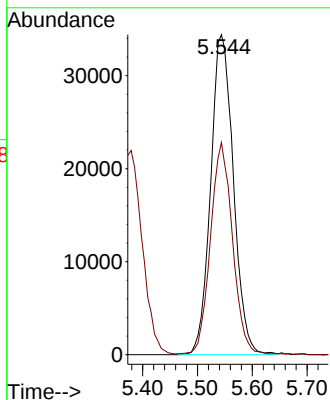
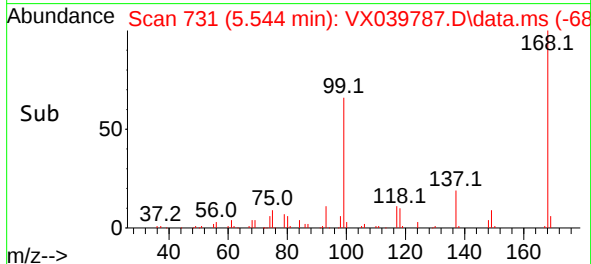
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 99072
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0

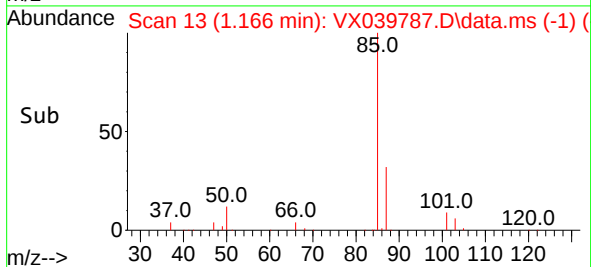
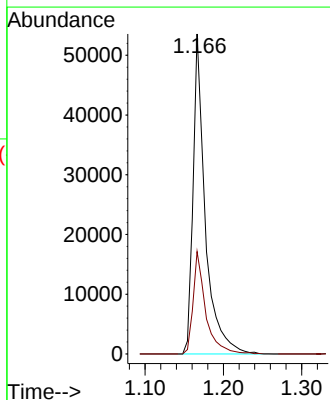
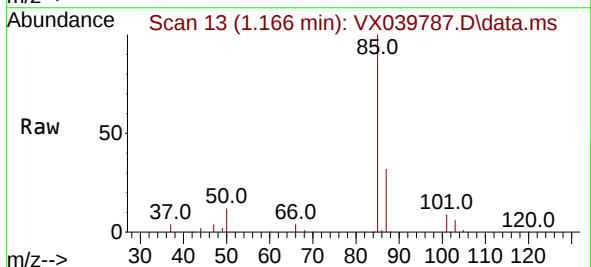
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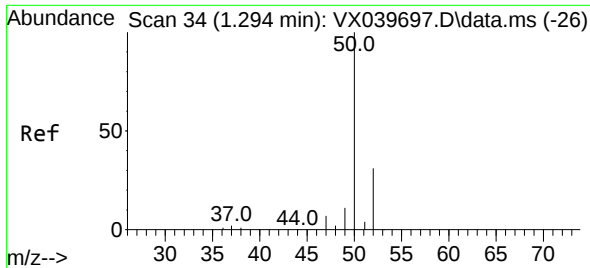
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#2
Dichlorodifluoromethane
Concen: 45.324 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 85 Resp: 58097
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





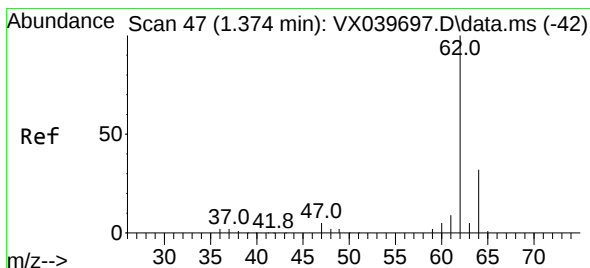
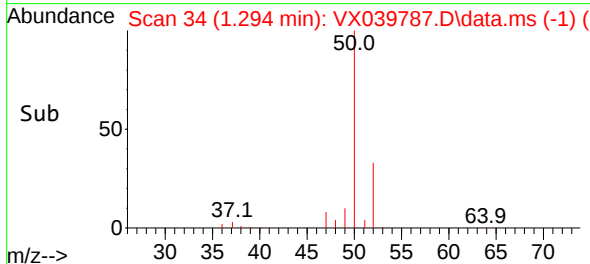
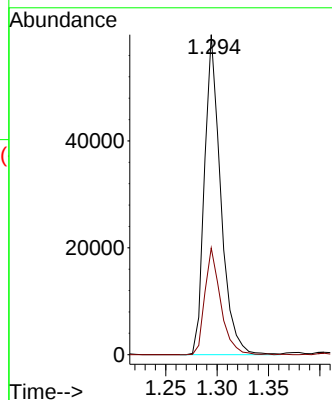
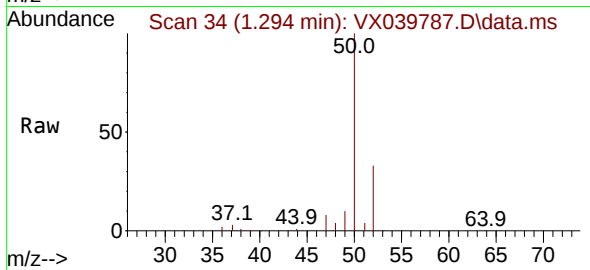
#3
Chloromethane
Concen: 45.123 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 6605
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

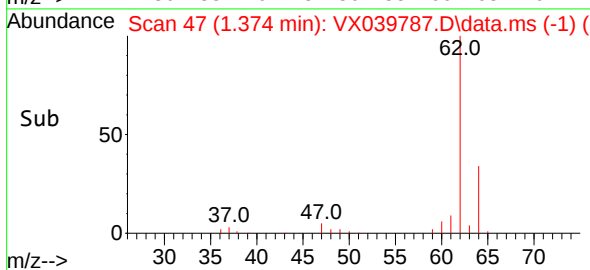
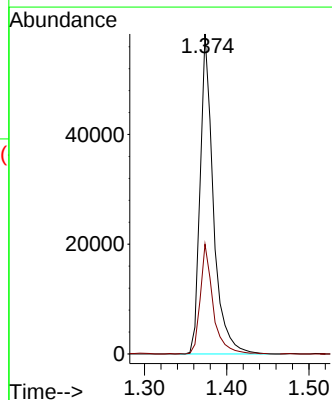
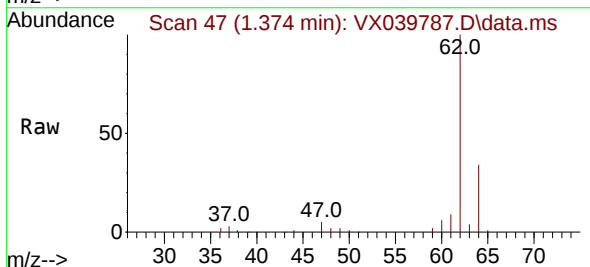
Manual Integrations
APPROVED

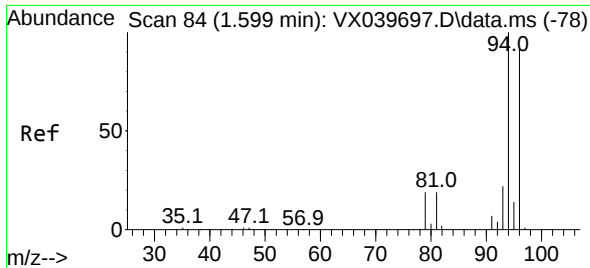
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#4
Vinyl Chloride
Concen: 47.114 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

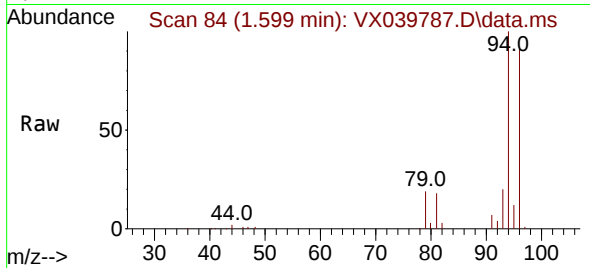
Tgt Ion: 62 Resp: 65090
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0





#5
Bromomethane
Concen: 53.585 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

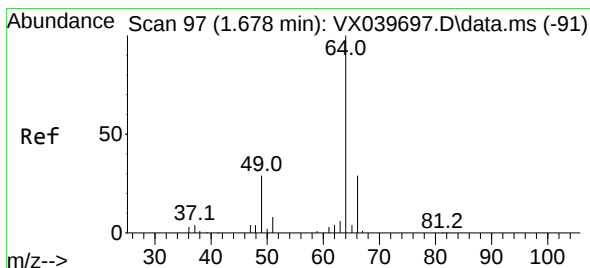
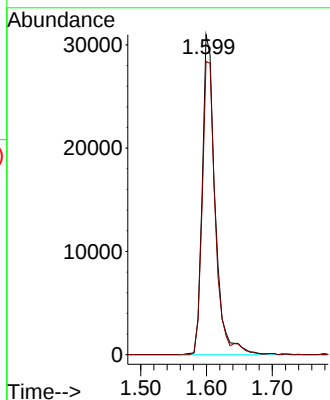
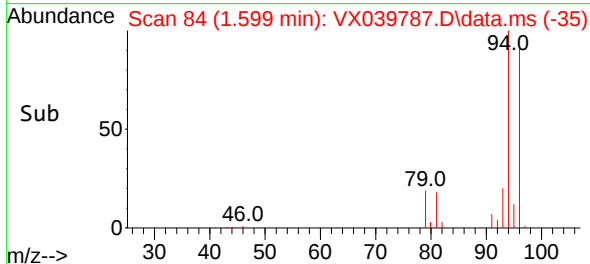
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 42240
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8

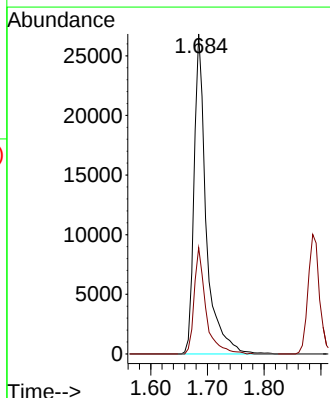
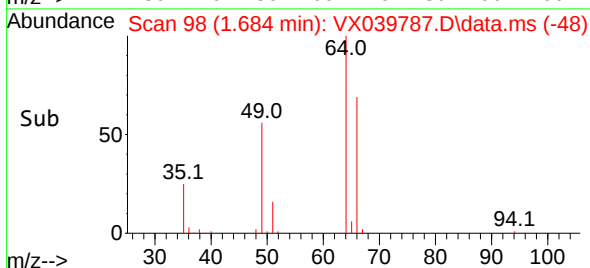
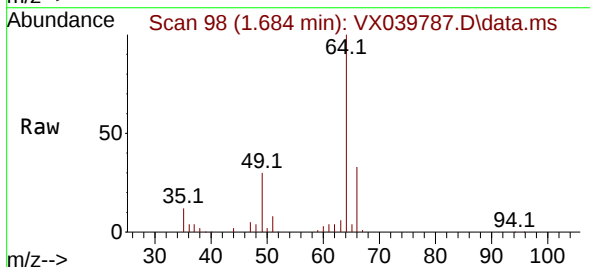
Manual Integrations
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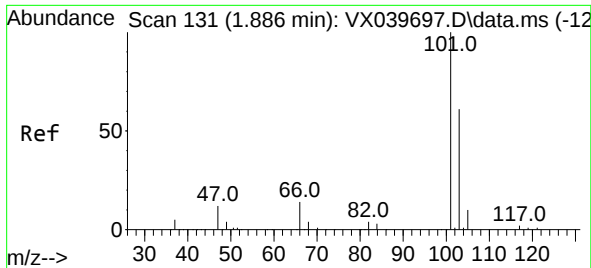
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#6
Chloroethane
Concen: 50.900 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

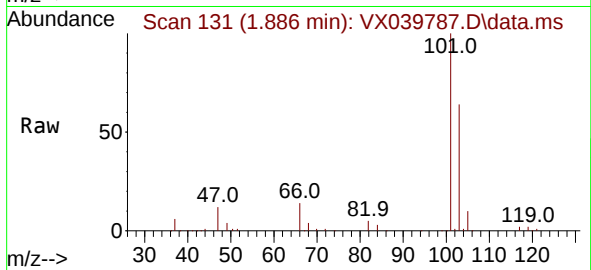
Tgt Ion: 64 Resp: 39975
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.340 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

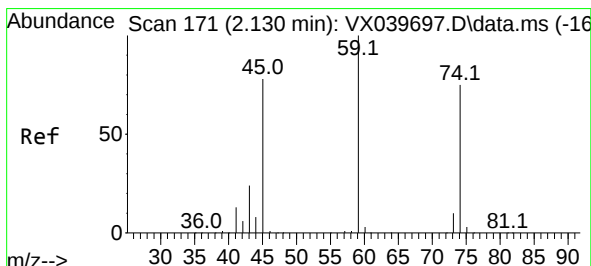
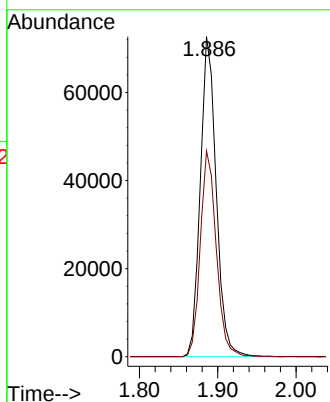
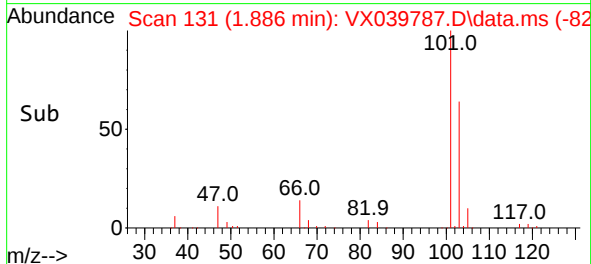
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 102318
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

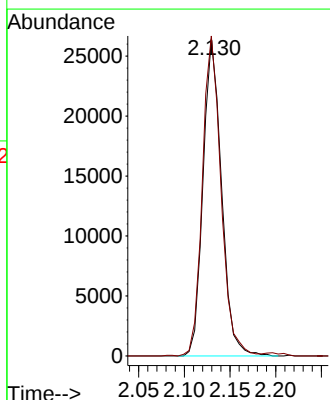
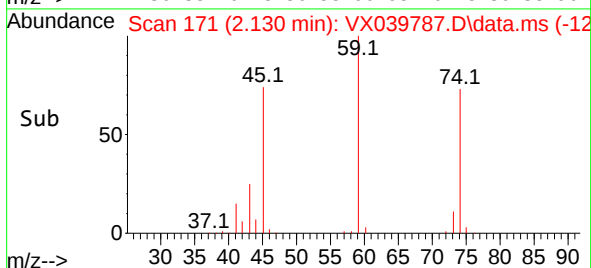
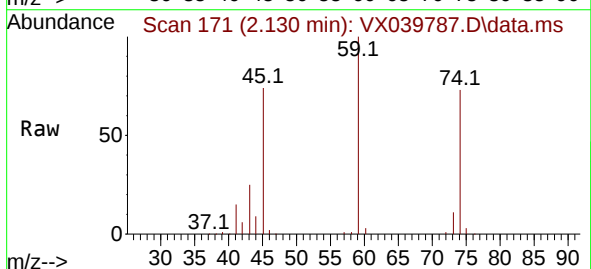
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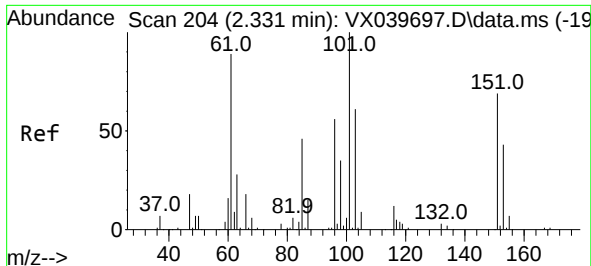
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#8
Diethyl Ether
Concen: 50.347 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 74 Resp: 37080
Ion Ratio Lower Upper
74 100
45 101.7 53.3 159.8





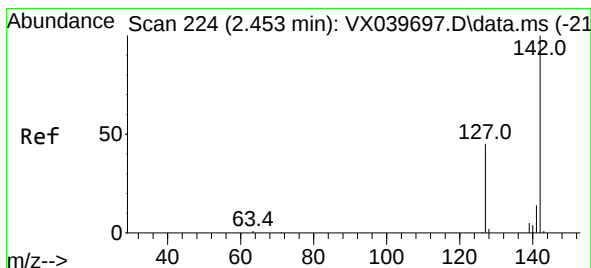
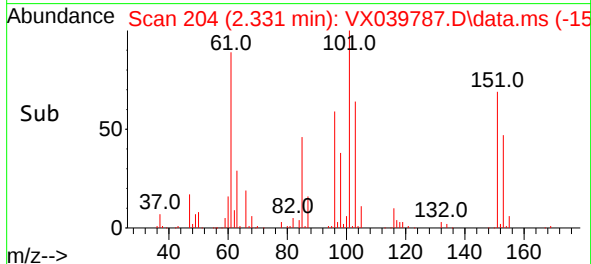
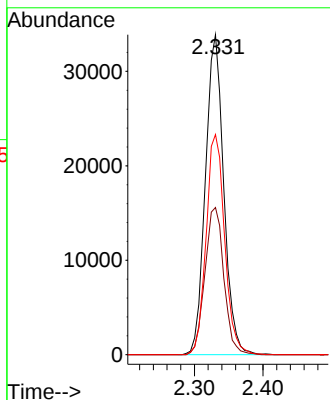
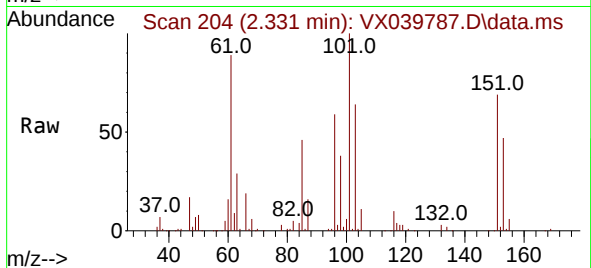
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.027 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 63040
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 69.7 58.6 87.8

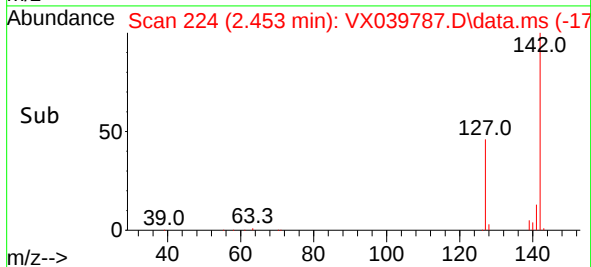
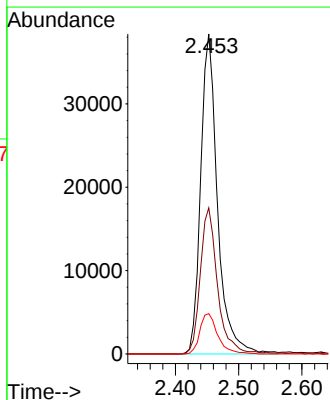
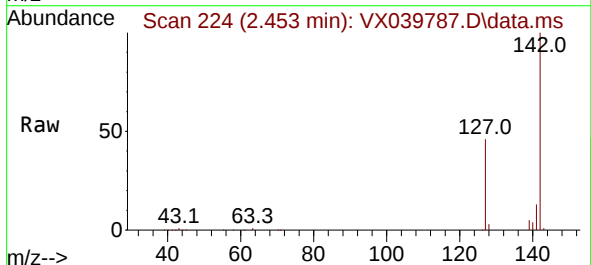
Manual Integrations
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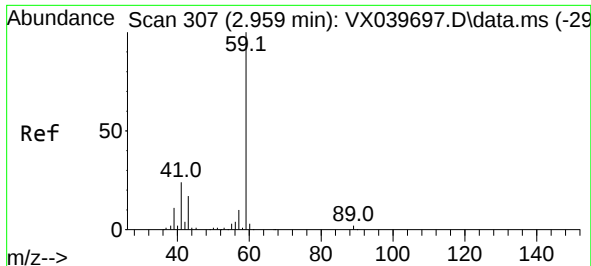
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#10
Methyl Iodide
Concen: 54.612 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion:142 Resp: 71183
Ion Ratio Lower Upper
142 100
127 46.9 41.6 62.4
141 13.4 11.6 17.4





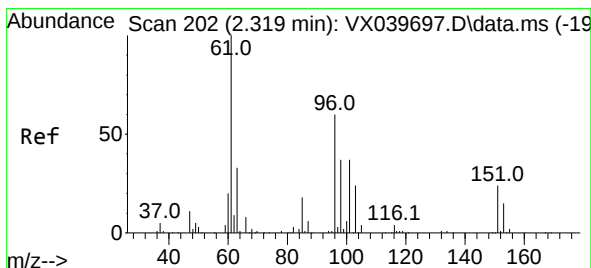
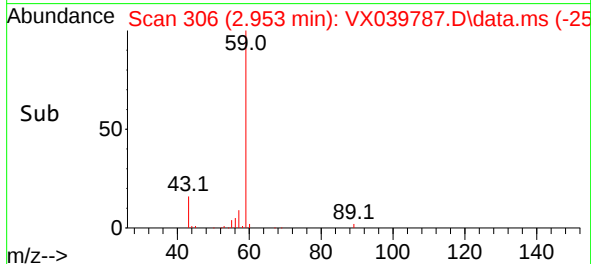
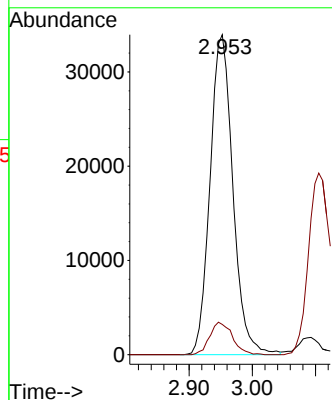
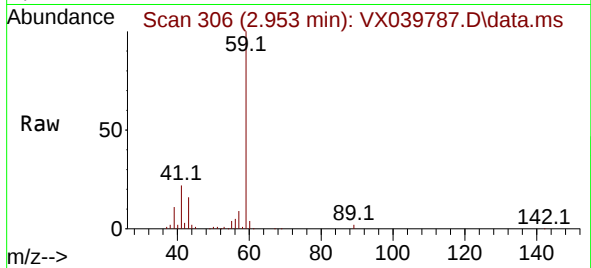
#11
Tert butyl alcohol
Concen: 197.139 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 85160
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

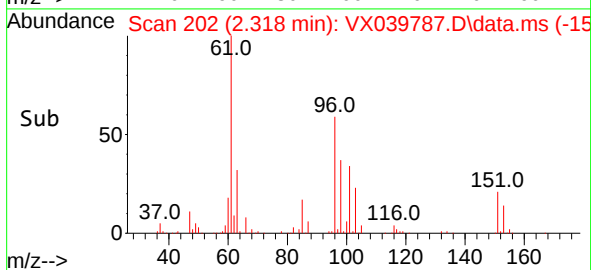
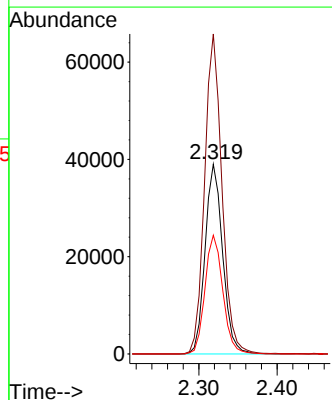
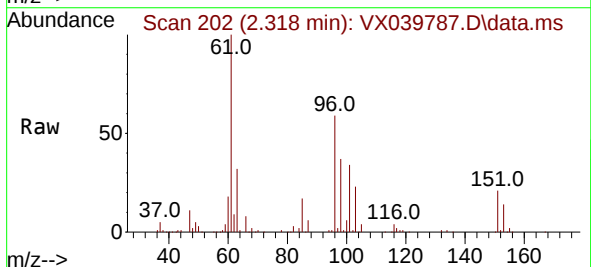
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#12
1,1-Dichloroethene
Concen: 50.839 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

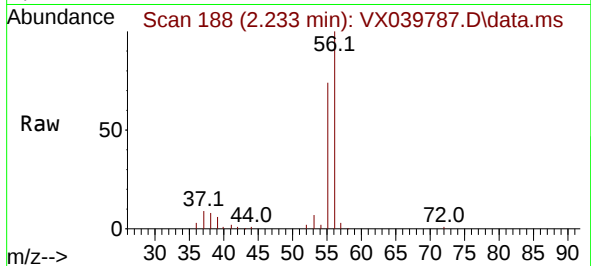
Tgt Ion: 96 Resp: 60621
Ion Ratio Lower Upper
96 100
61 168.6 144.6 216.8
98 62.6 50.4 75.6





#13
Acrolein
Concen: 206.478 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

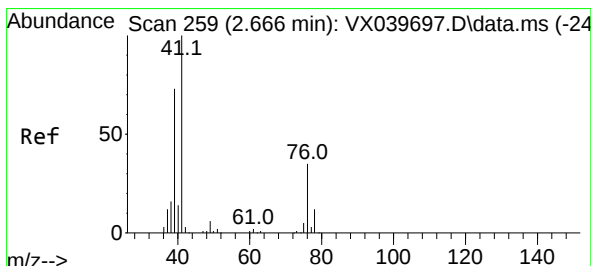
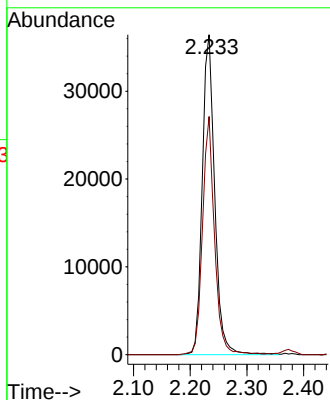
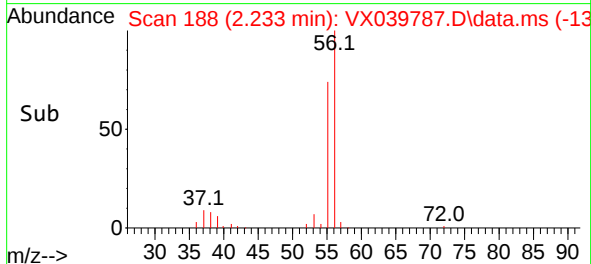
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5557
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7

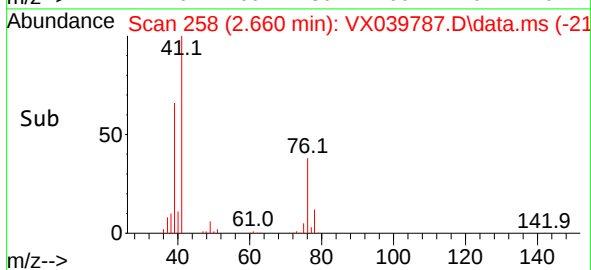
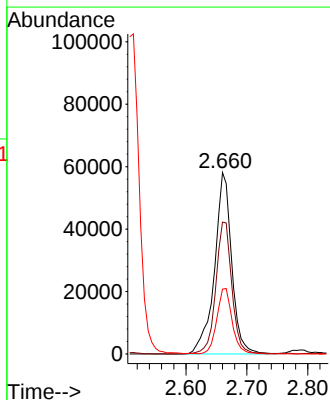
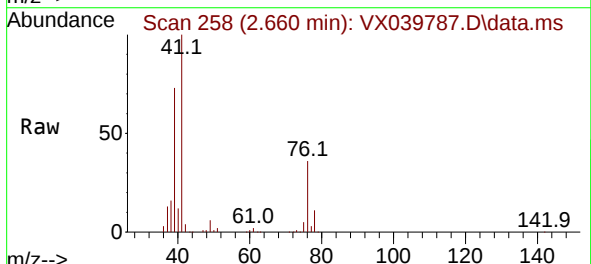
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#14
Allyl chloride
Concen: 48.719 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

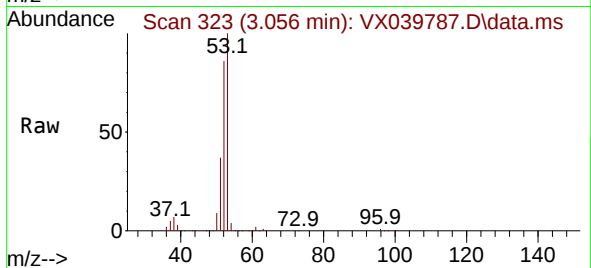
Tgt Ion: 41 Resp: 114337
Ion Ratio Lower Upper
41 100
39 68.0 55.8 83.6
76 32.1 24.3 36.5





#15
Acrylonitrile
Concen: 229.353 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

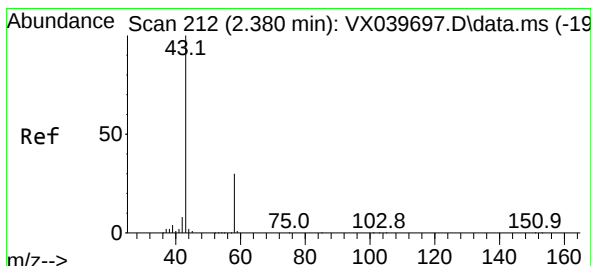
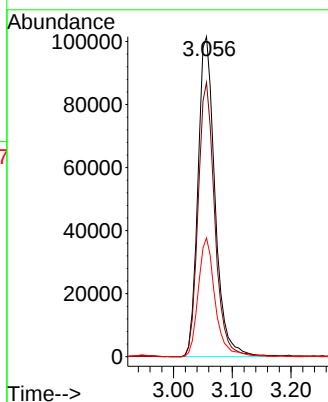
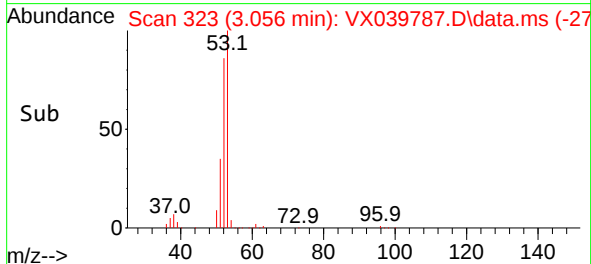
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 204670
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 36.9 29.8 44.6

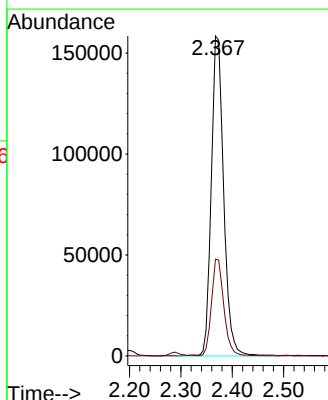
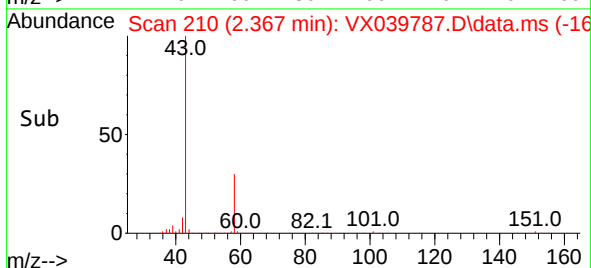
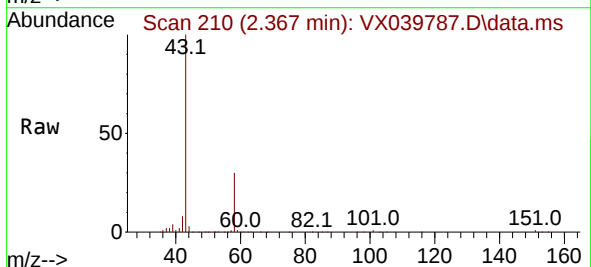
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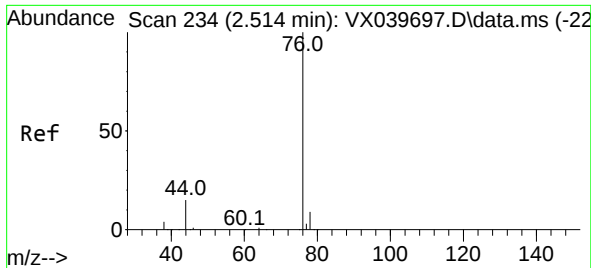
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#16
Acetone
Concen: 284.873 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.012 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 43 Resp: 265886
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9





#17

Carbon Disulfide

Concen: 49.982 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 17129

Ion Ratio Lower Upper

76 100

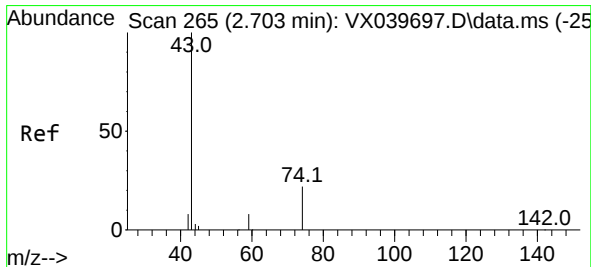
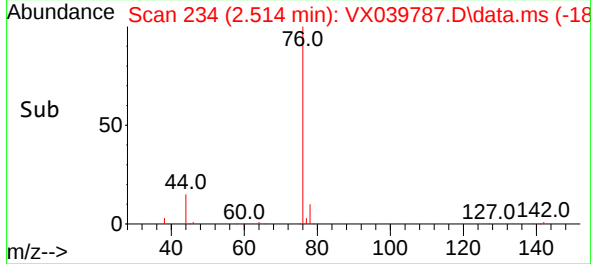
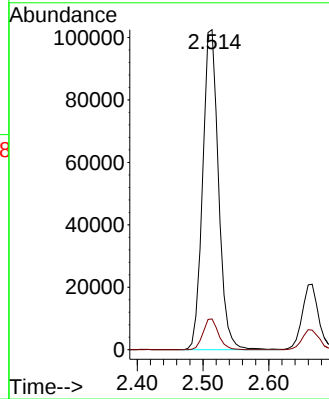
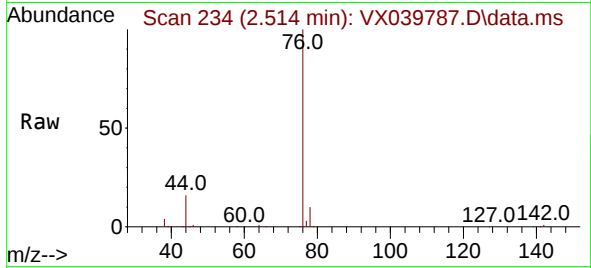
78 9.6 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#18

Methyl Acetate

Concen: 48.213 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX039787.D

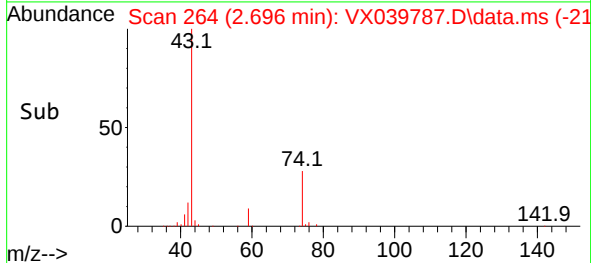
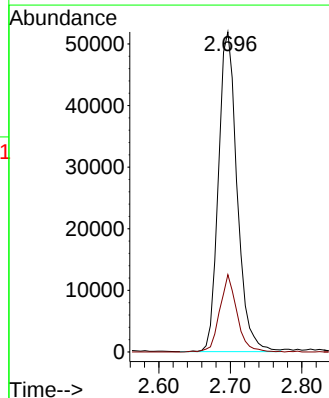
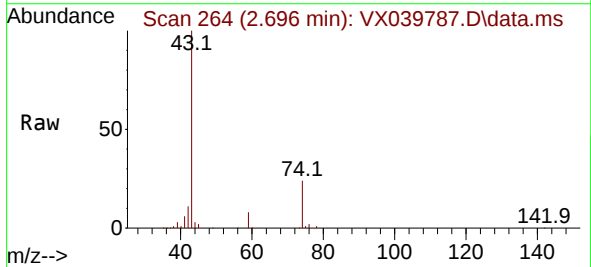
Acq: 17 Jan 2024 09:20

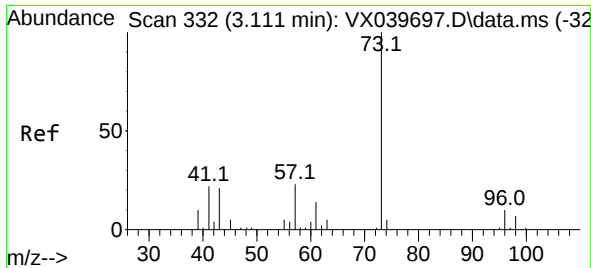
Tgt Ion: 43 Resp: 94144

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8





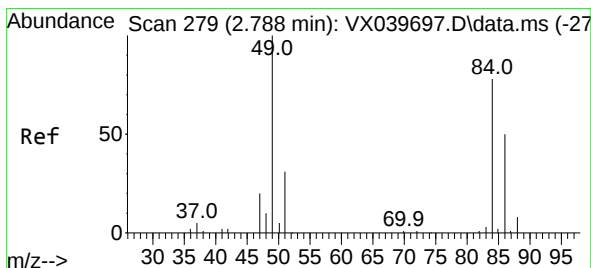
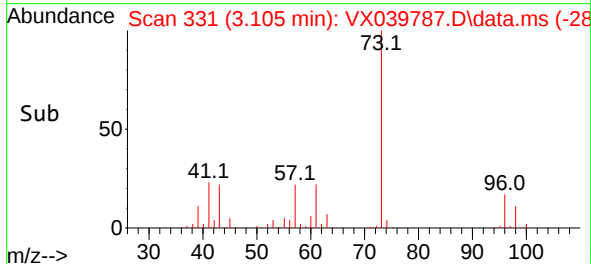
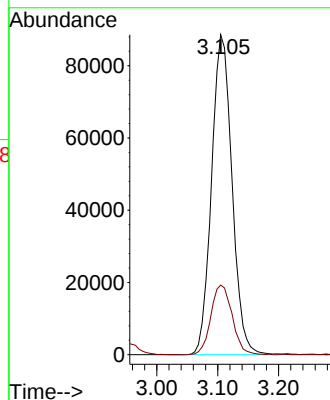
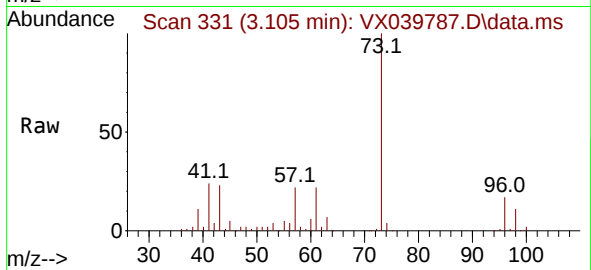
#19
Methyl tert-butyl Ether
Concen: 48.791 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20654
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

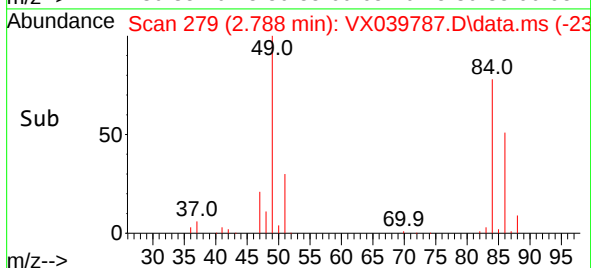
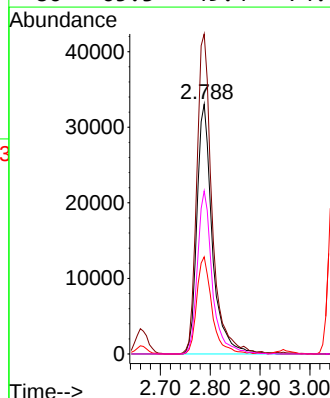
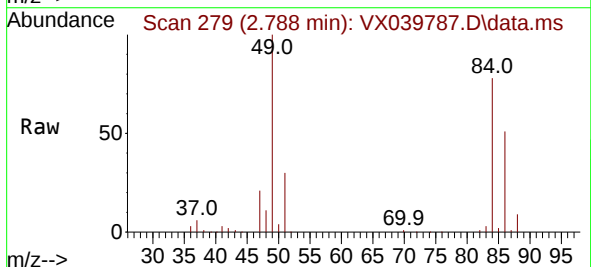
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#20
Methylene Chloride
Concen: 50.034 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

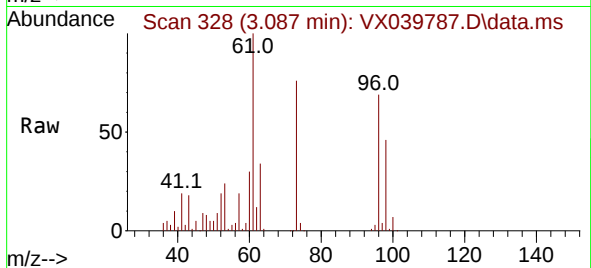
Tgt Ion: 84 Resp: 70637
Ion Ratio Lower Upper
84 100
49 128.2 103.6 155.4
51 38.9 33.8 50.6
86 65.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.398 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

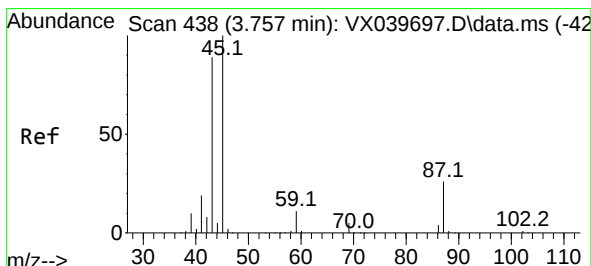
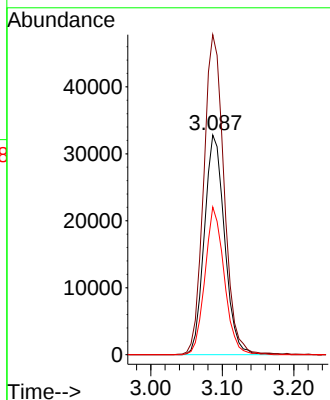
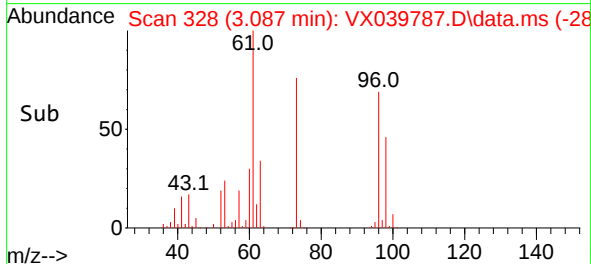
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



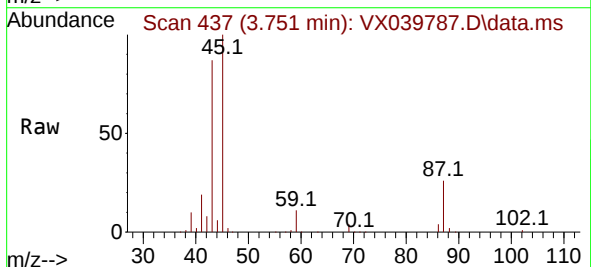
Tgt Ion: 96 Resp: 64490
Ion Ratio Lower Upper
96 100
61 145.5 119.2 178.8
98 67.3 48.7 73.1

Manual Integrations
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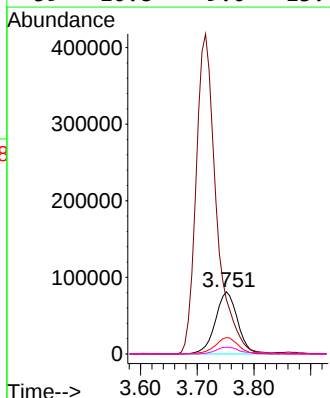
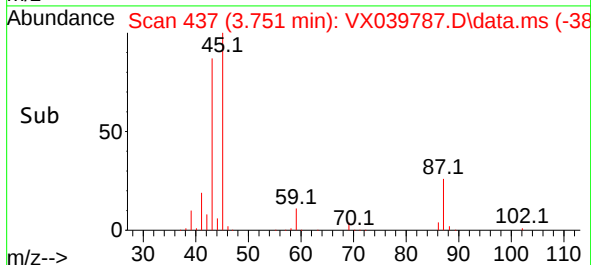
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024

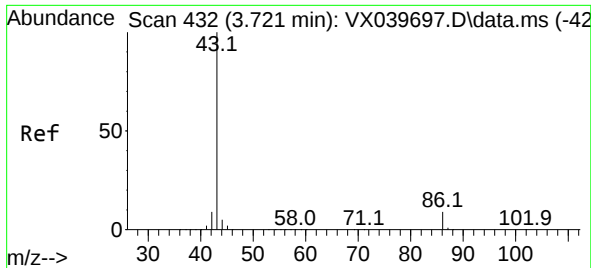


#22
Diisopropyl ether
Concen: 49.115 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20



Tgt Ion: 45 Resp: 219971
Ion Ratio Lower Upper
45 100
43 87.1 69.7 104.5
87 26.3 20.8 31.2
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 249.604 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039787.D
 Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

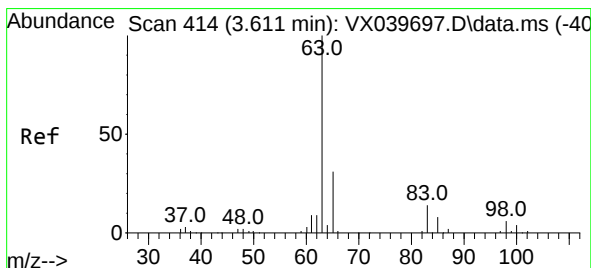
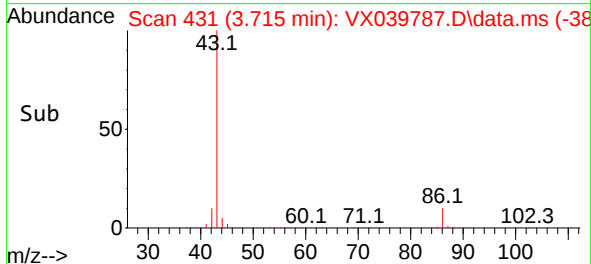
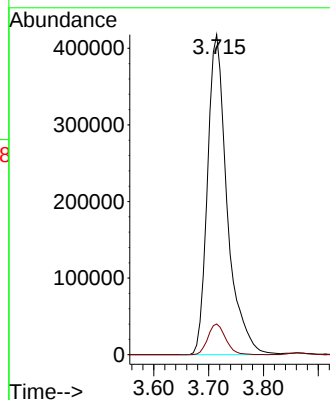
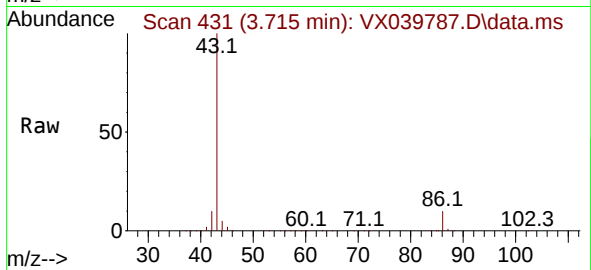
VSTDCCC050

Tgt Ion: 43 Resp: 103914
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

Manual Integrations

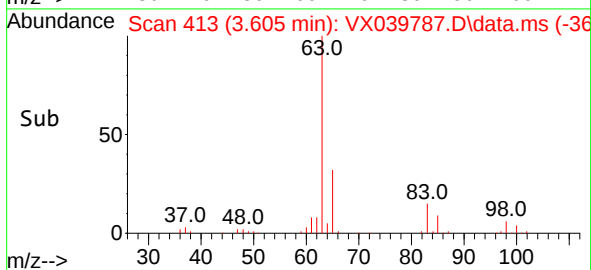
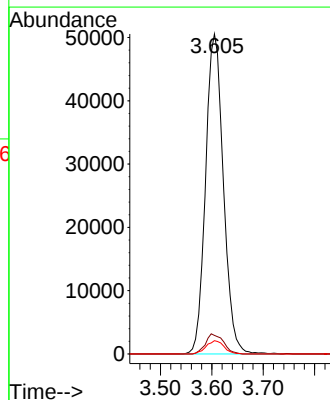
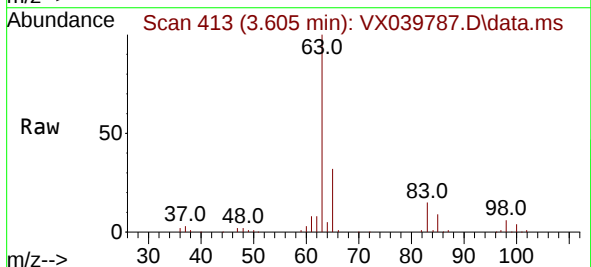
APPROVED

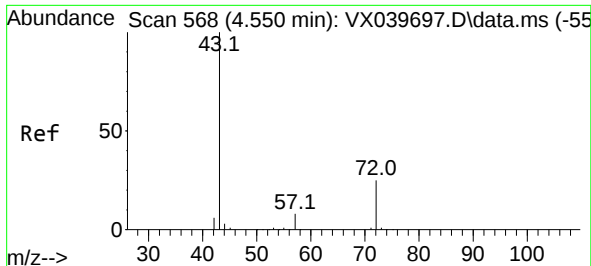
Reviewed By :John Carlone 01/18/2024
 Supervised By :Semsettin Yesilyurt 01/18/2024



#24
 1,1-Dichloroethane
 Concen: 49.423 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039787.D
 Acq: 17 Jan 2024 09:20

Tgt Ion: 63 Resp: 121774
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 241.625 ug/l

RT: 4.538 min Scan# 566

Delta R.T. -0.012 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 32408

Ion Ratio Lower Upper

43 100

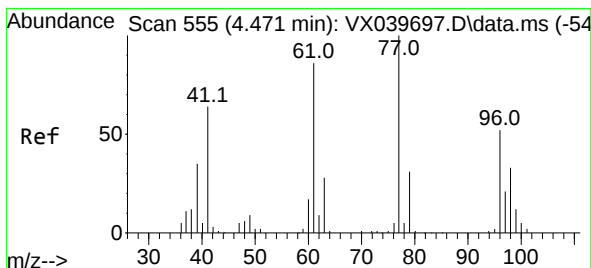
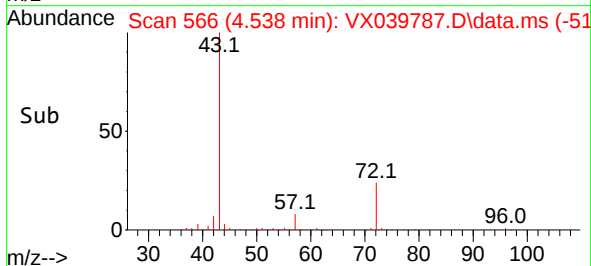
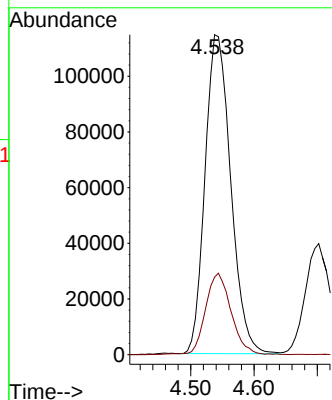
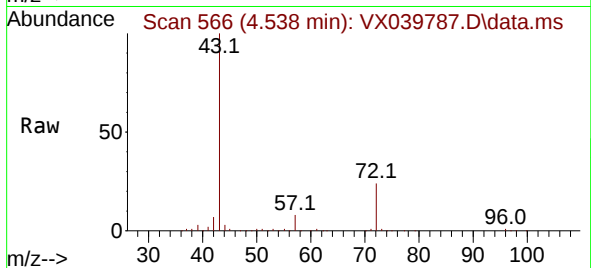
72 24.2 19.4 29.2

Manual Integrations

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Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#26

2,2-Dichloropropane

Concen: 50.305 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX039787.D

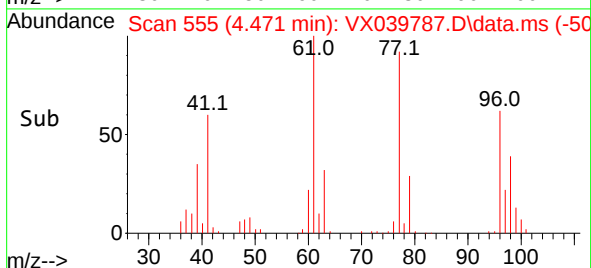
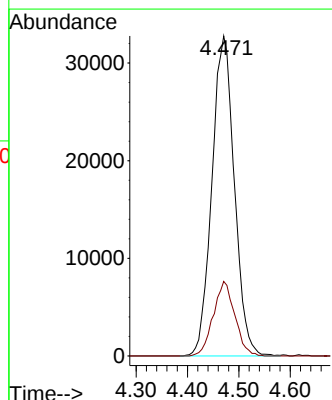
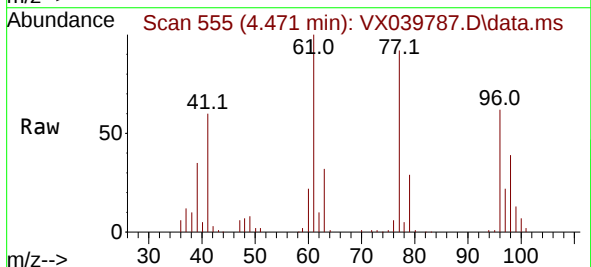
Acq: 17 Jan 2024 09:20

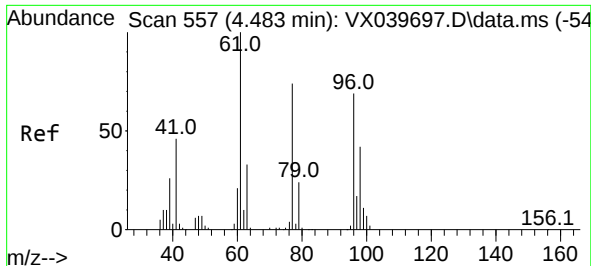
Tgt Ion: 77 Resp: 99477

Ion Ratio Lower Upper

77 100

97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.516 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7414

Ion Ratio Lower Upper

96 100

61 153.5 0.0 312.2

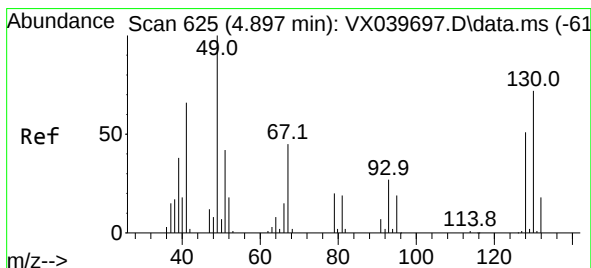
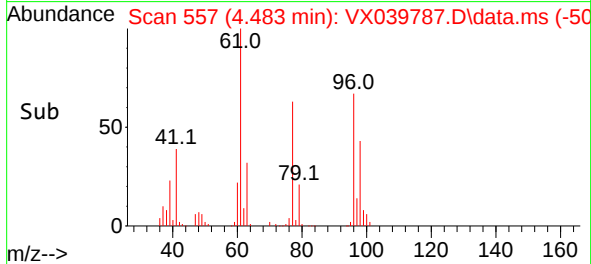
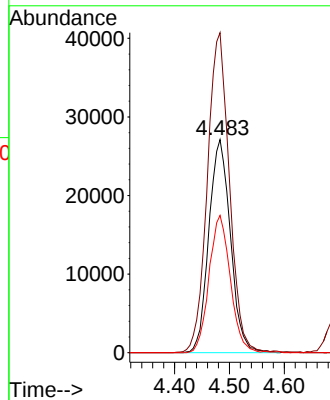
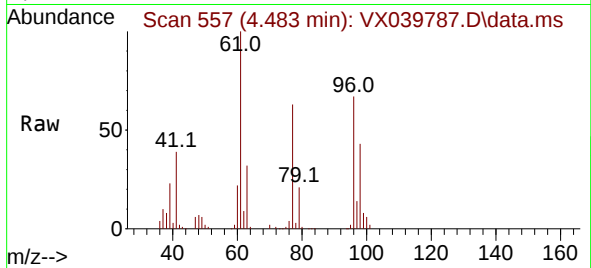
98 63.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#28

Bromochloromethane

Concen: 51.661 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

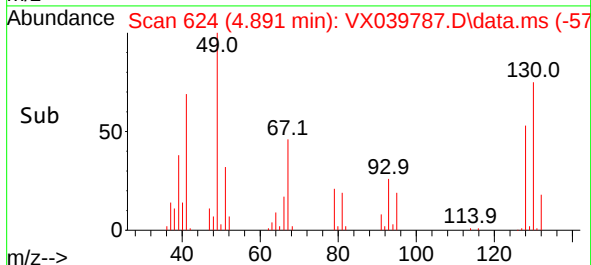
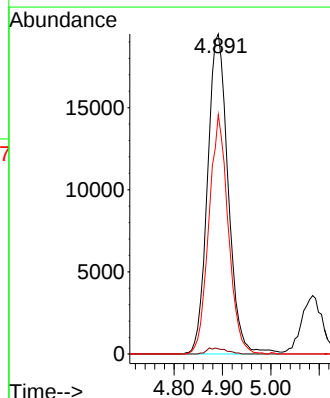
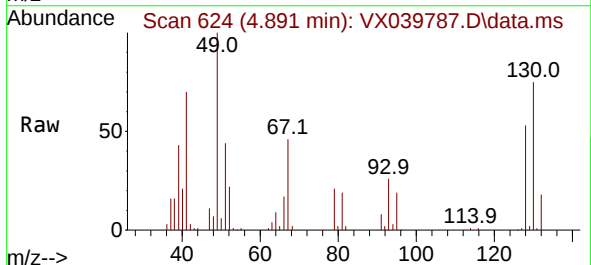
Tgt Ion: 49 Resp: 57698

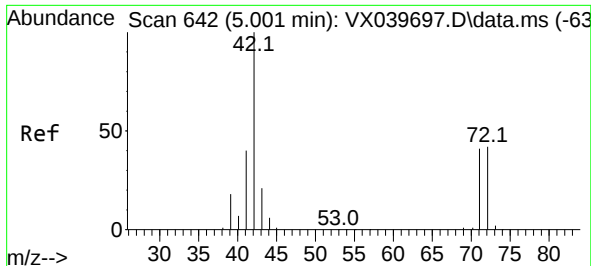
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 70.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 223.043 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 19255

Ion Ratio Lower Upper

42 100

72 43.5 34.2 51.4

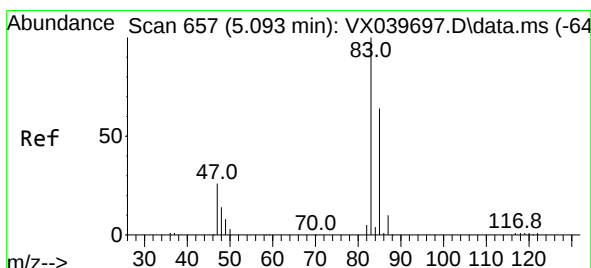
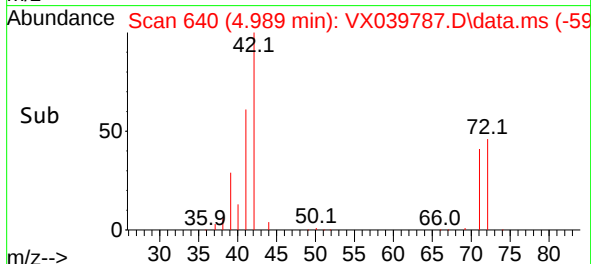
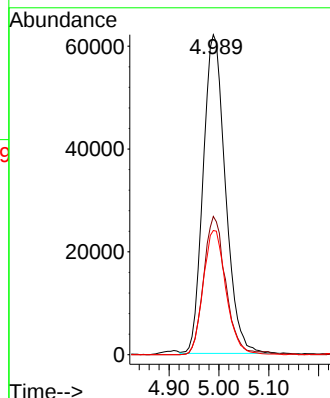
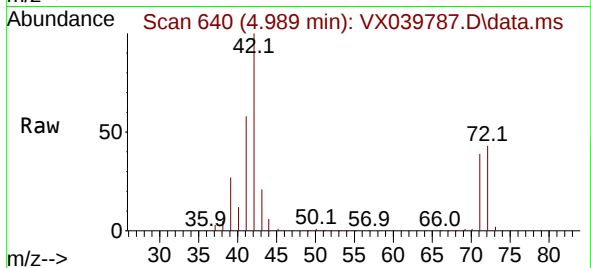
71 40.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#30

Chloroform

Concen: 51.353 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.012 min

Lab File: VX039787.D

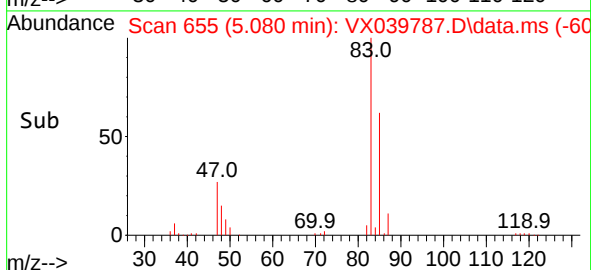
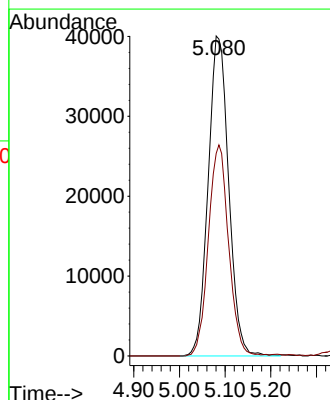
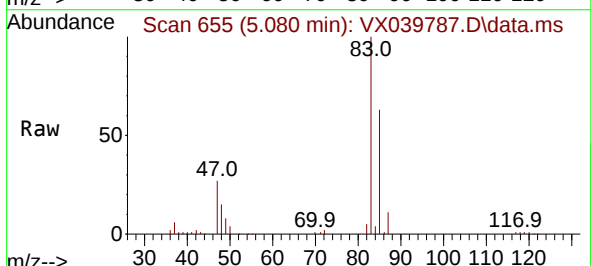
Acq: 17 Jan 2024 09:20

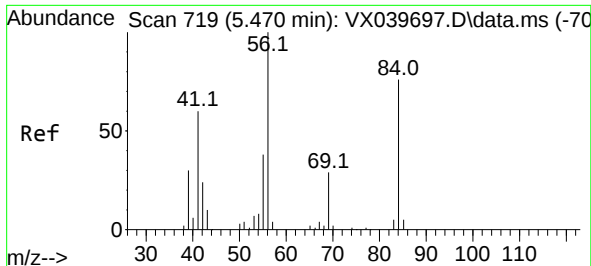
Tgt Ion: 83 Resp: 124907

Ion Ratio Lower Upper

83 100

85 63.3 50.3 75.5





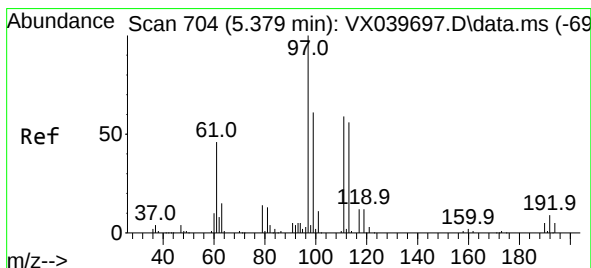
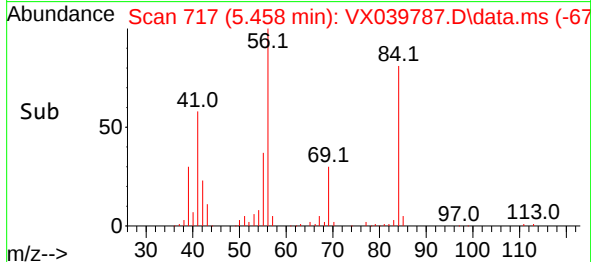
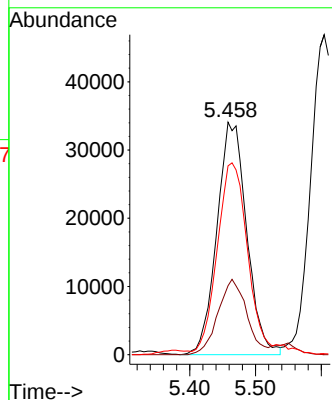
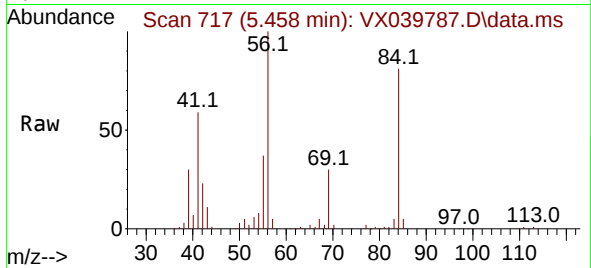
#31
Cyclohexane
Concen: 49.120 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 10758
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 79.6 65.9 98.9

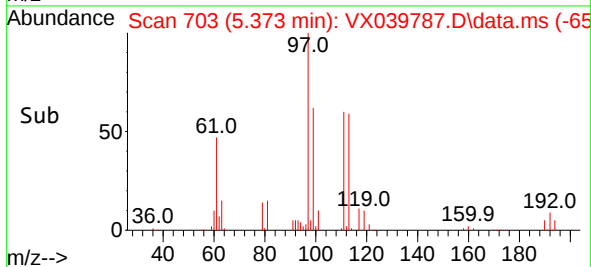
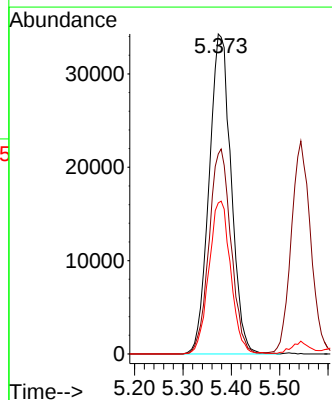
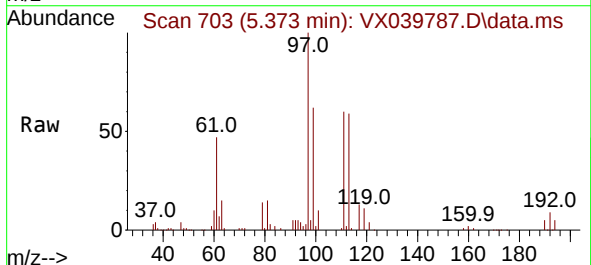
Manual Integrations
APPROVED

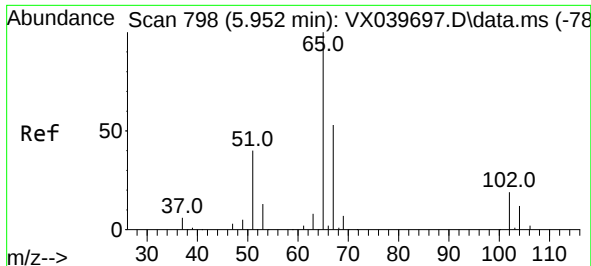
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#32
1,1,1-Trichloroethane
Concen: 51.985 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 97 Resp: 108251
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 47.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.500 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8049

Ion Ratio Lower Upper

65 100

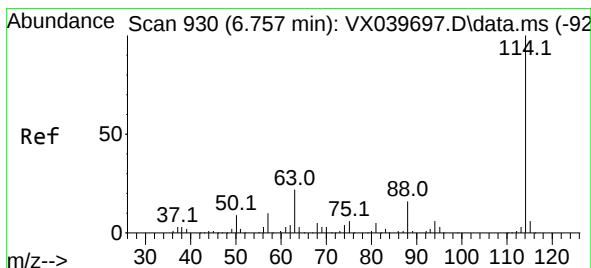
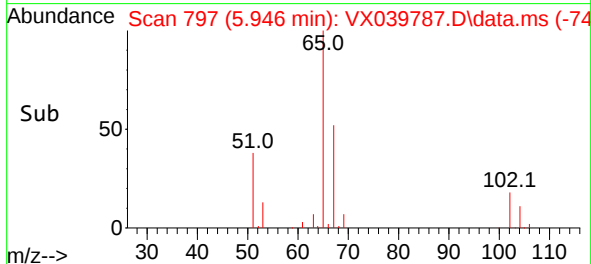
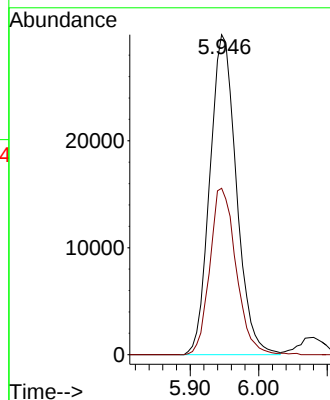
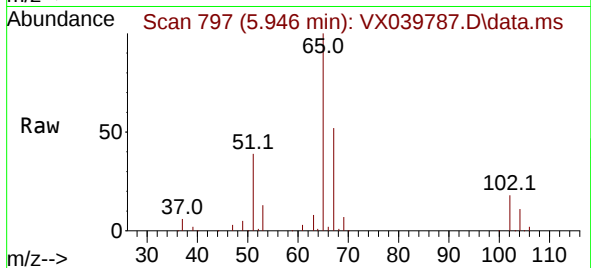
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

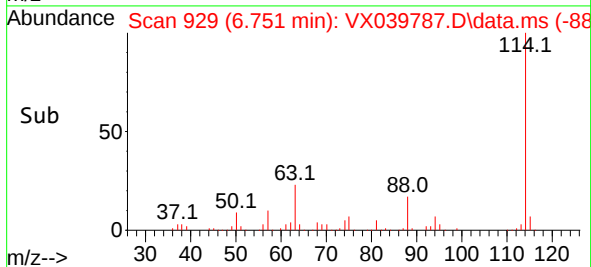
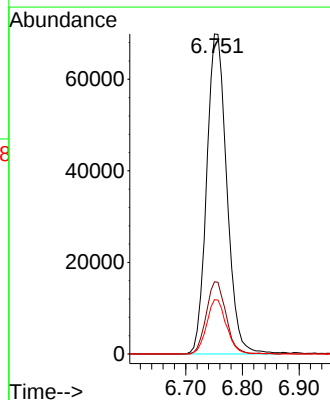
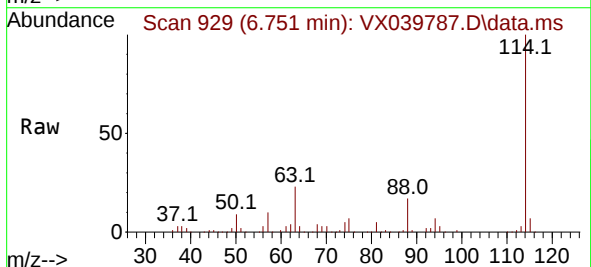
Tgt Ion:114 Resp: 172162

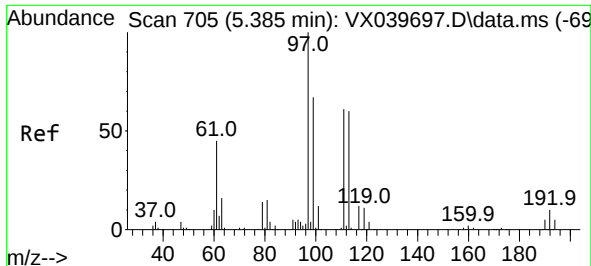
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

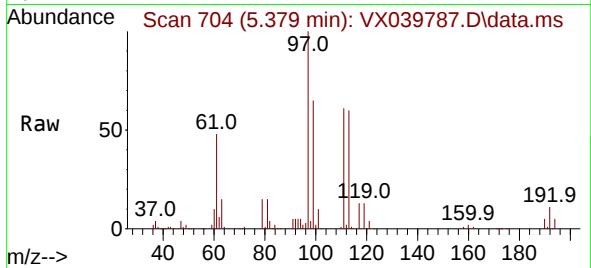
88 16.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.129 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

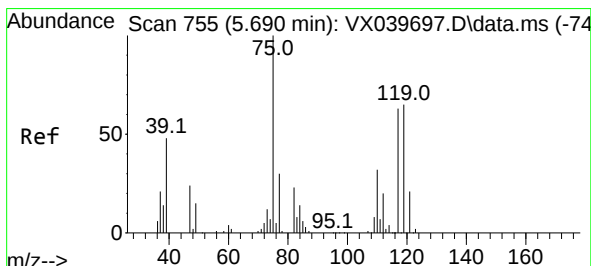
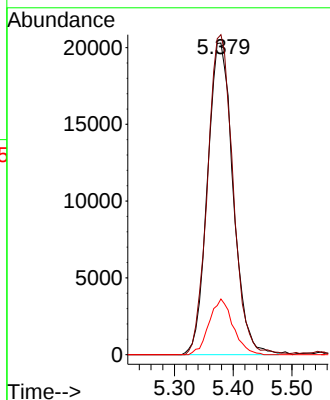
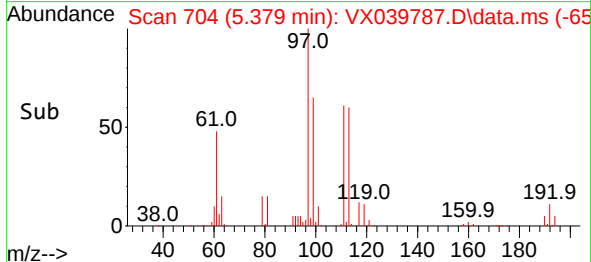
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 61608
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.7 13.3 19.9

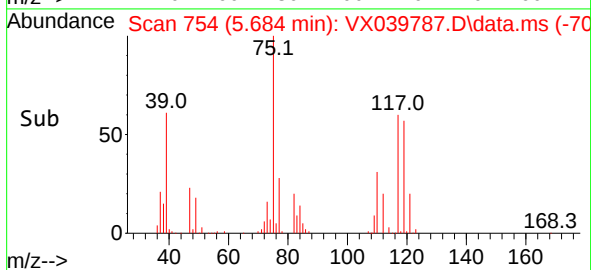
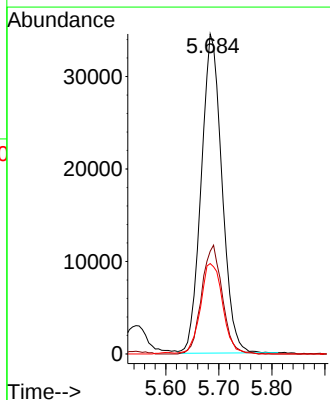
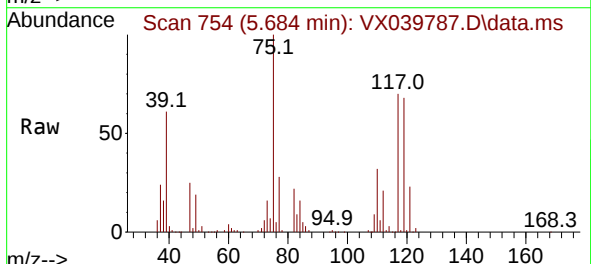
Manual Integrations
APPROVED

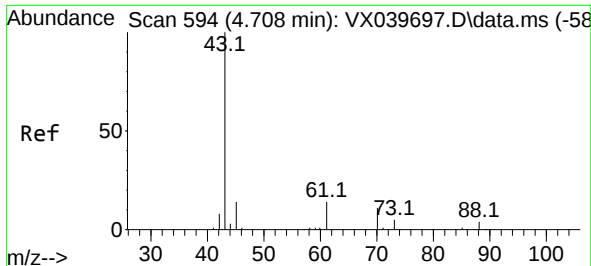
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#36
1,1-Dichloropropene
Concen: 51.952 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 75 Resp: 93770
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 46.765 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 112608

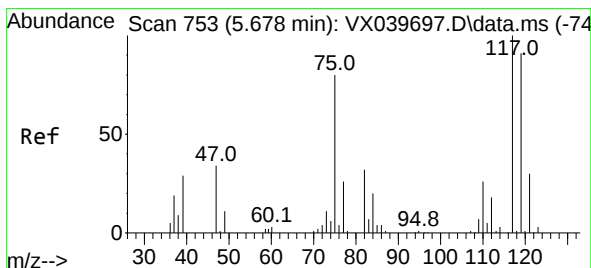
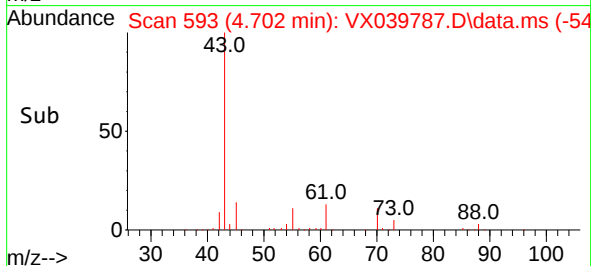
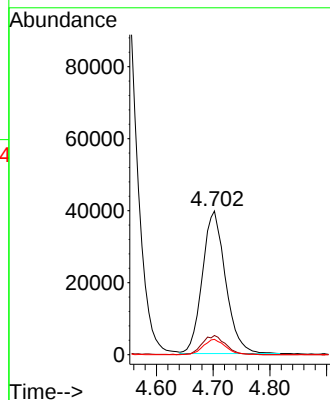
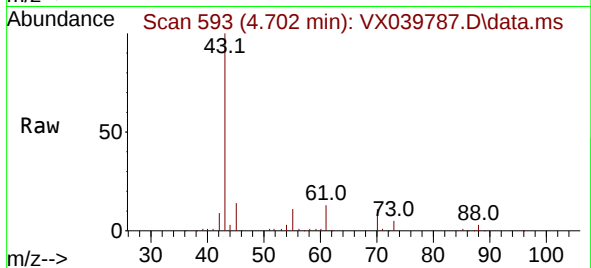
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	16.0
70	10.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#38

Carbon Tetrachloride

Concen: 55.075 ug/l

RT: 5.672 min Scan# 752

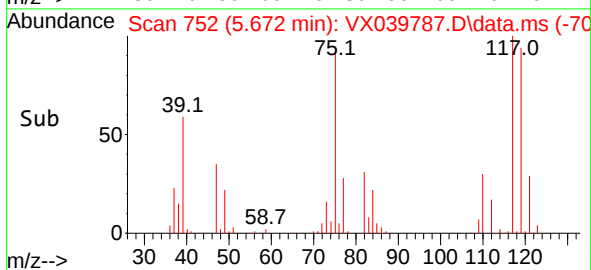
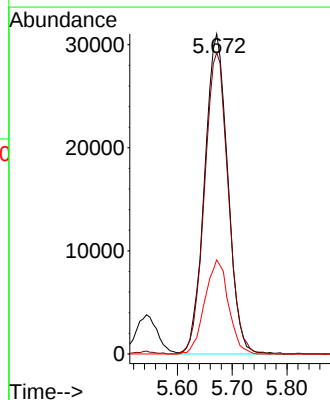
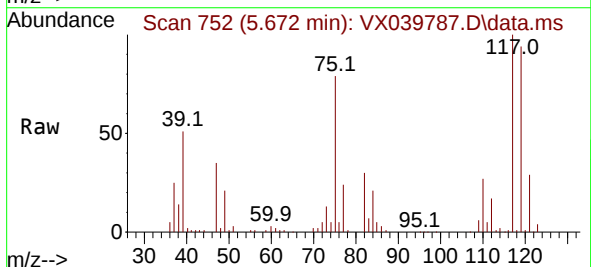
Delta R.T. -0.006 min

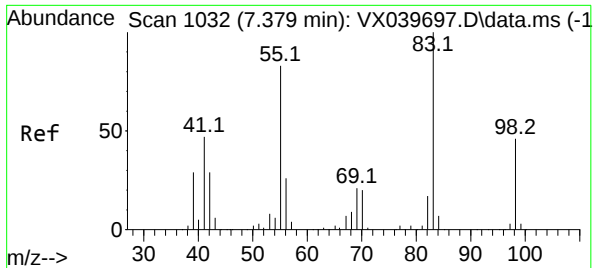
Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Tgt Ion: 117 Resp: 91046

Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.2	117.2
121	29.4	24.4	36.6





#39

Methylcyclohexane

Concen: 52.034 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 112779

Ion Ratio Lower Upper

83 100

55 83.6 64.6 97.0

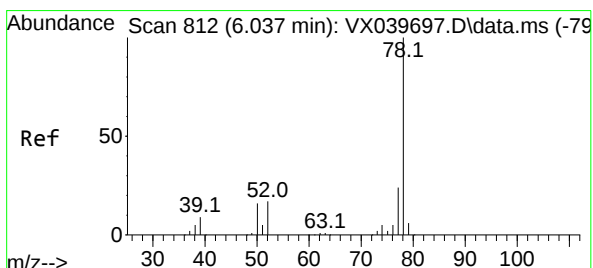
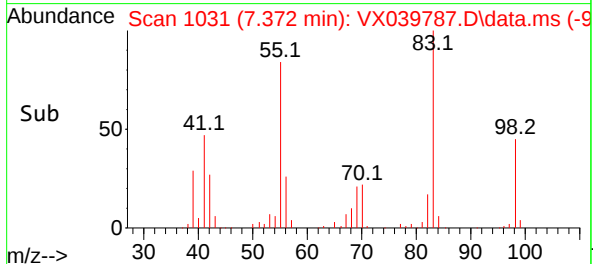
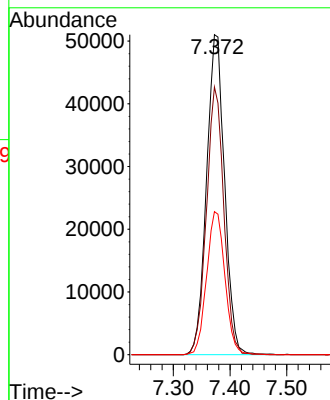
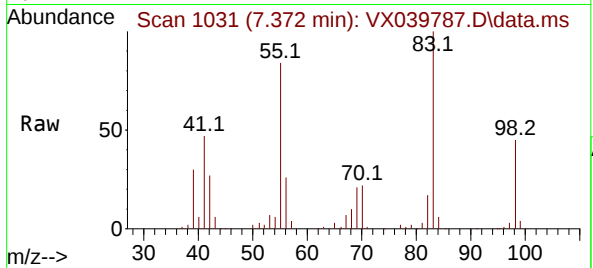
98 44.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#40

Benzene

Concen: 52.189 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039787.D

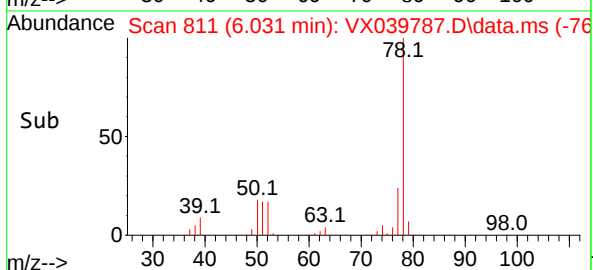
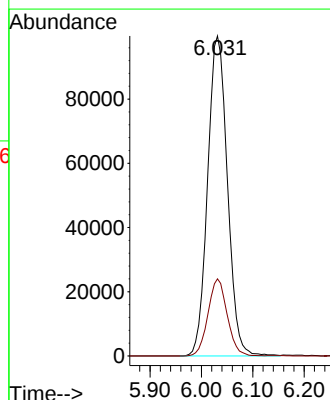
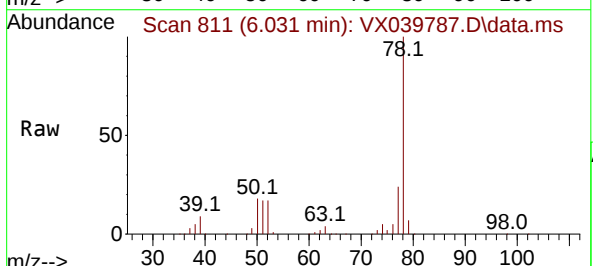
Acq: 17 Jan 2024 09:20

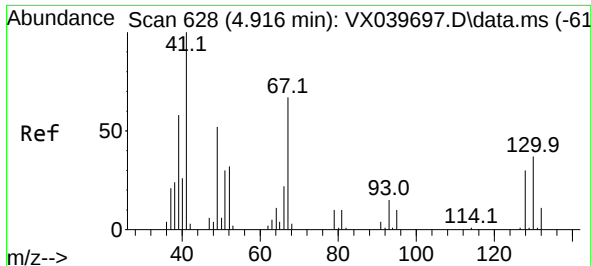
Tgt Ion: 78 Resp: 266736

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9





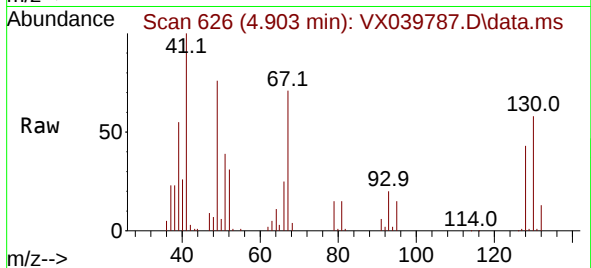
#41
Methacrylonitrile
Concen: 50.441 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 41 Resp: 5939

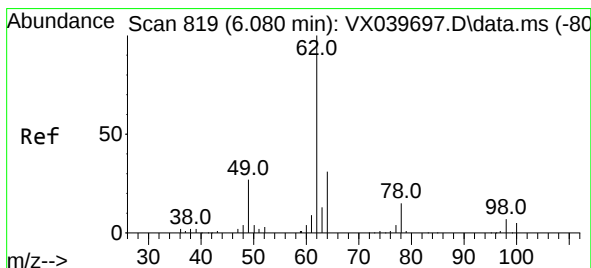
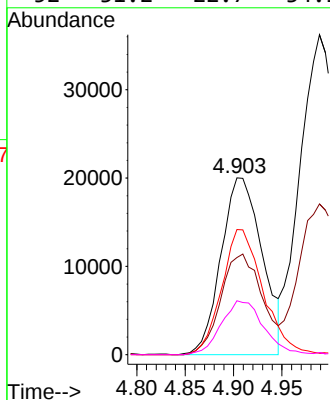
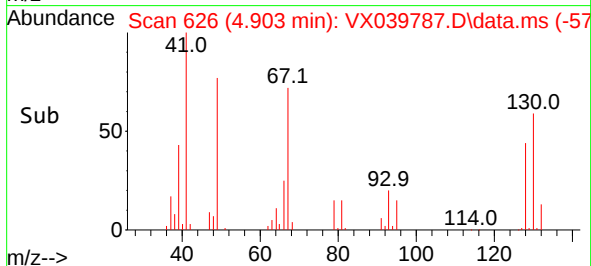
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.2	67.8
67	71.1	52.6	78.8
52	31.2	22.7	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

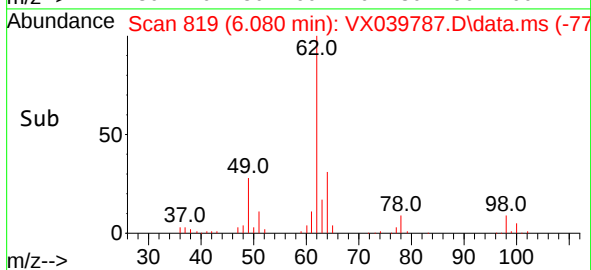
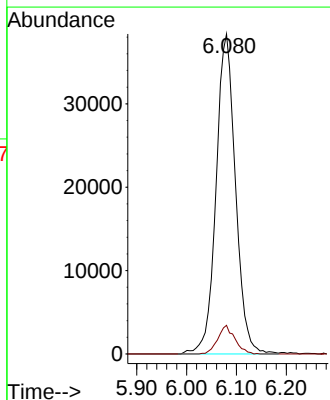
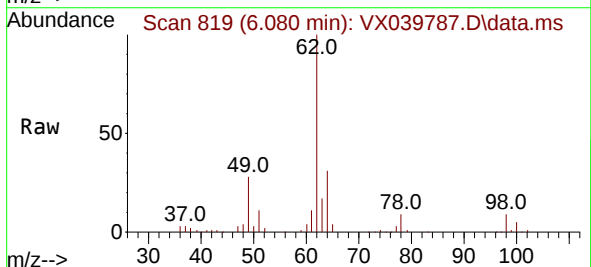
Supervised By :Semsettin Yesilyurt 01/18/2024

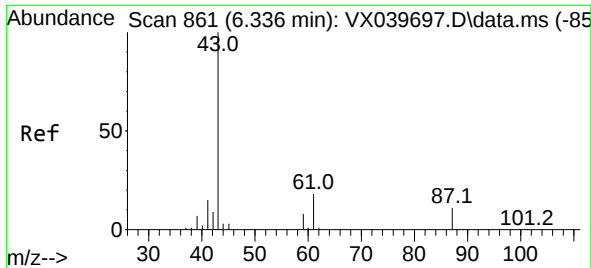


#42
1,2-Dichloroethane
Concen: 53.409 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 62 Resp: 103779

Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 50.622 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 17881

Ion Ratio Lower Upper

43 100

61 18.8 15.2 22.8

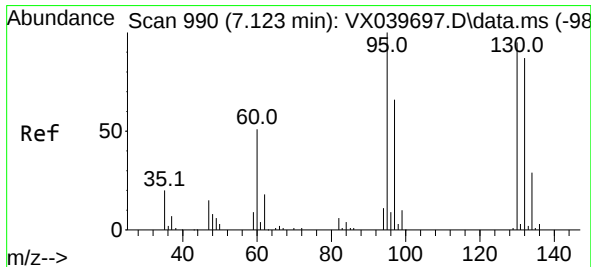
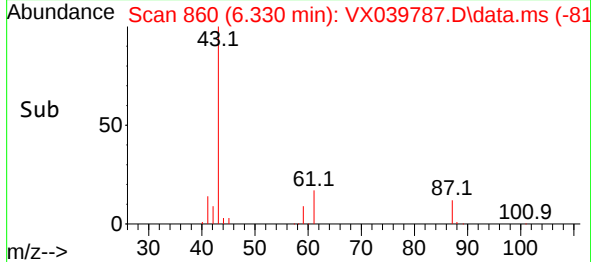
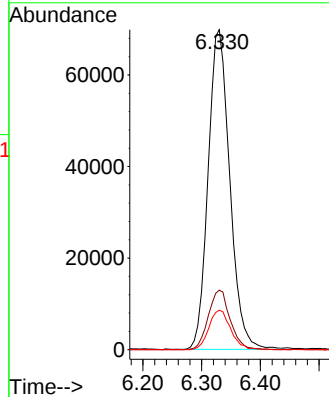
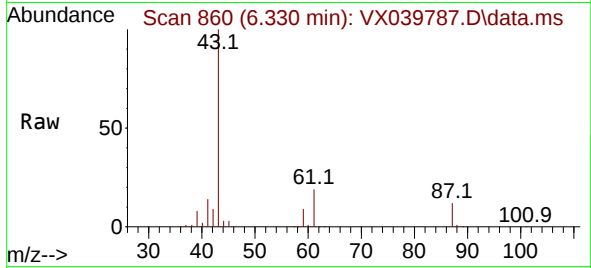
87 12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#44

Trichloroethene

Concen: 54.511 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX039787.D

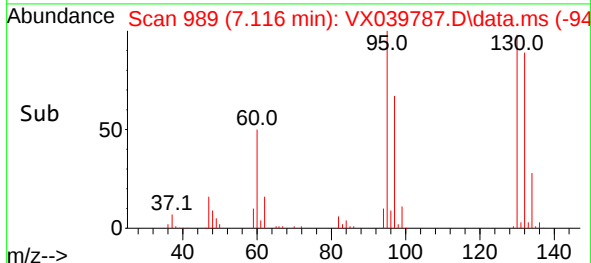
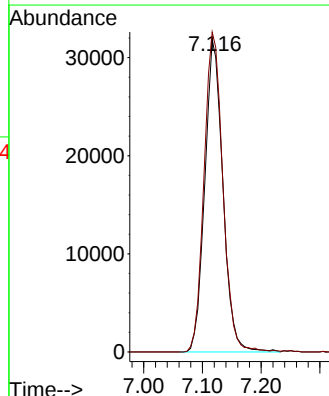
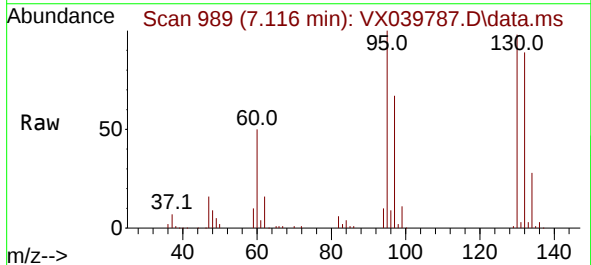
Acq: 17 Jan 2024 09:20

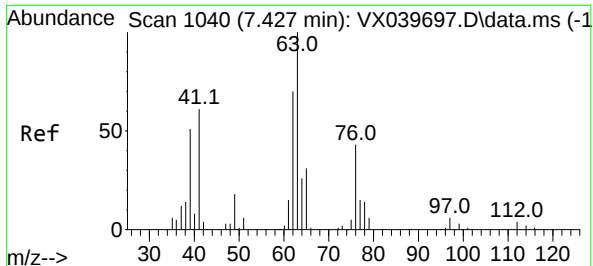
Tgt Ion:130 Resp: 68279

Ion Ratio Lower Upper

130 100

95 102.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.816 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 72414

Ion Ratio Lower Upper

63 100

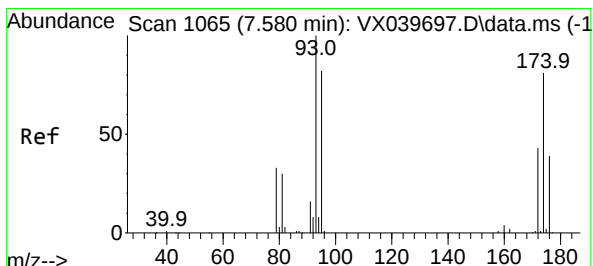
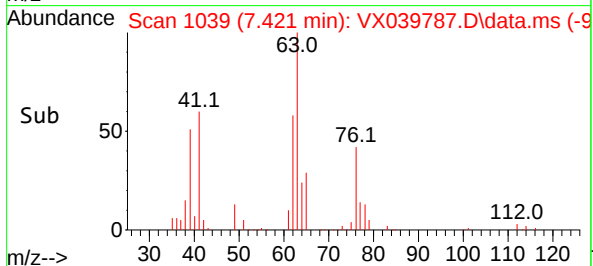
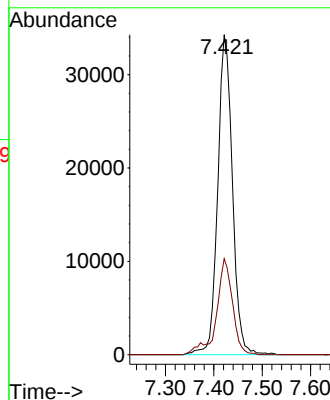
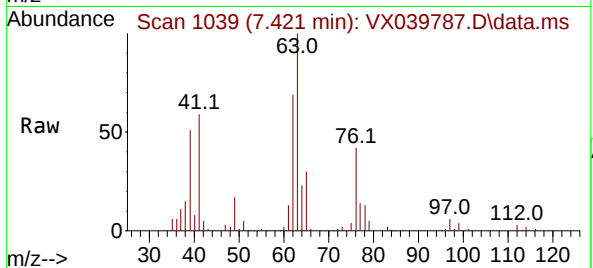
65 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#46

Dibromomethane

Concen: 53.943 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

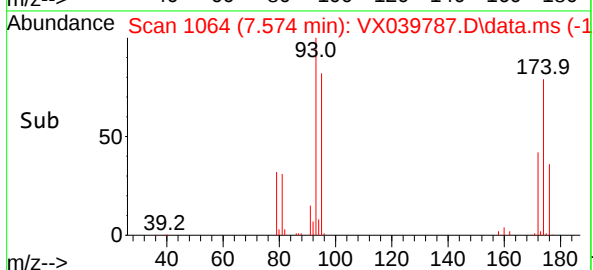
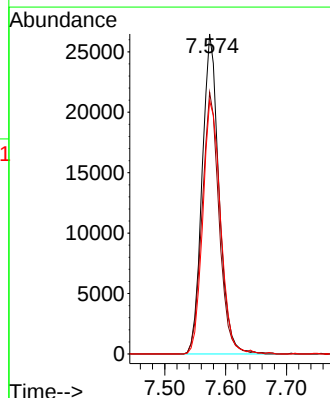
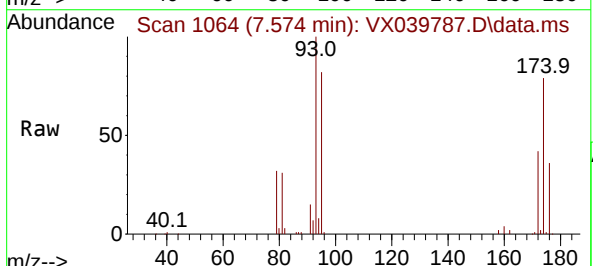
Tgt Ion: 93 Resp: 51083

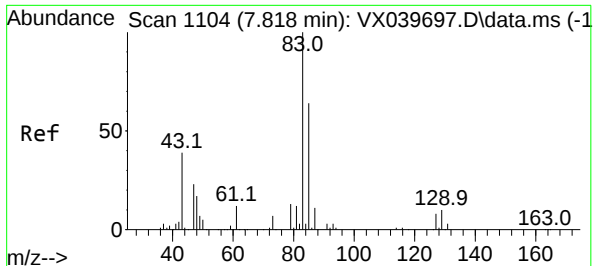
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

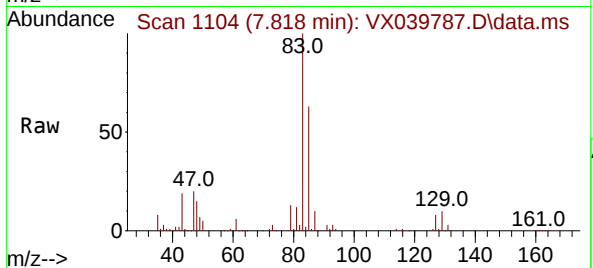
174 83.1 69.4 104.0





#47
Bromodichloromethane
Concen: 55.706 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

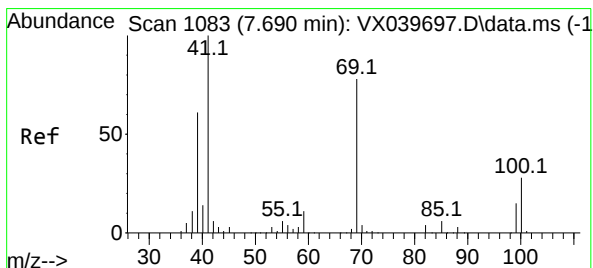
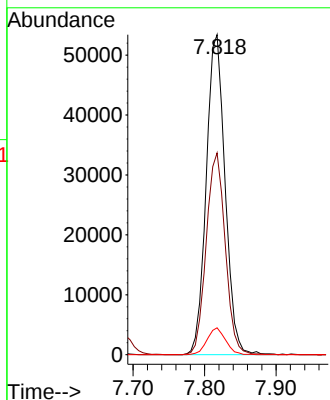
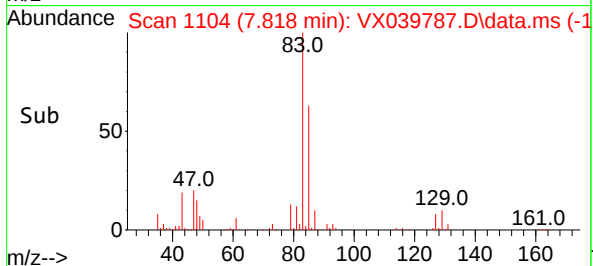
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



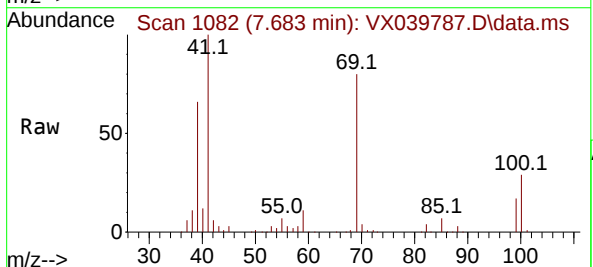
Tgt Ion: 83 Resp: 9770
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations
APPROVED

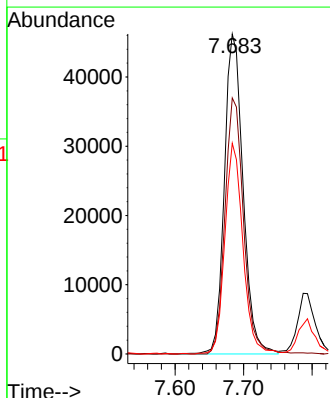
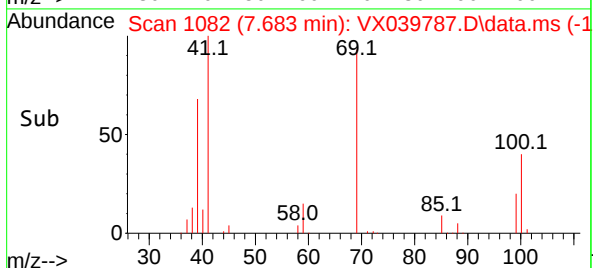
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024

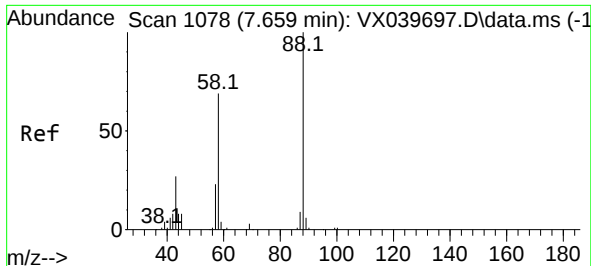


#48
Methyl methacrylate
Concen: 50.336 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20



Tgt Ion: 41 Resp: 87396
Ion Ratio Lower Upper
41 100
69 79.5 59.2 88.8
39 63.7 47.7 71.5





#49

1,4-Dioxane

Concen: 891.297 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

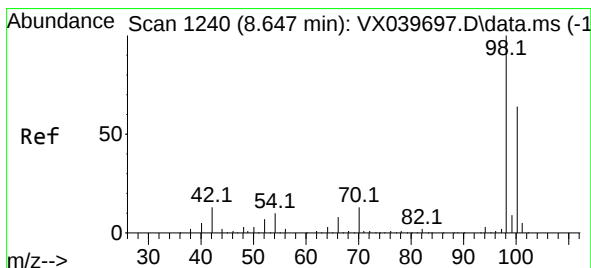
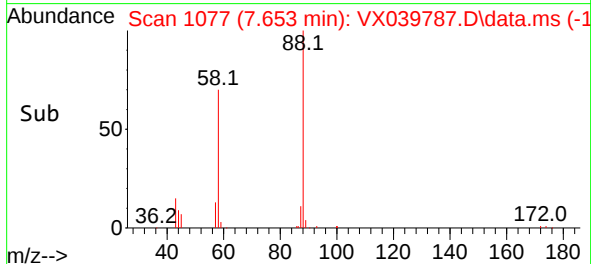
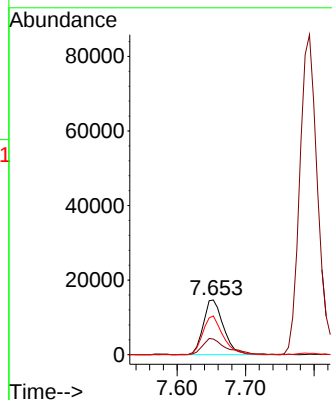
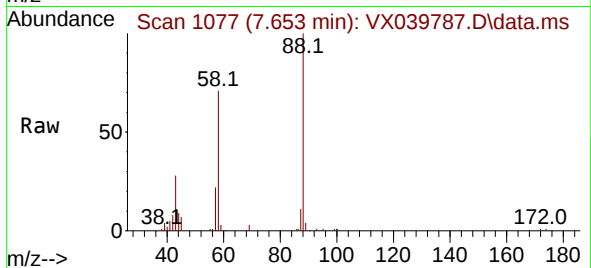
Tgt Ion: 88 Resp: 29944
 Ion Ratio Lower Upper
 88 100
 43 35.5 0.0 0.0
 58 70.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#50

Toluene-d8

Concen: 51.518 ug/l

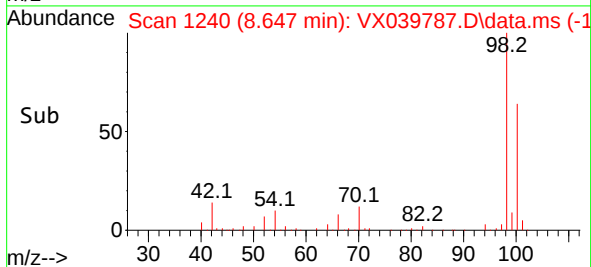
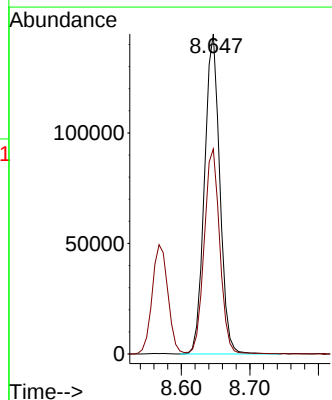
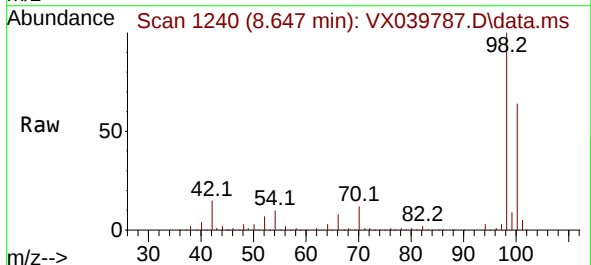
RT: 8.647 min Scan# 1240

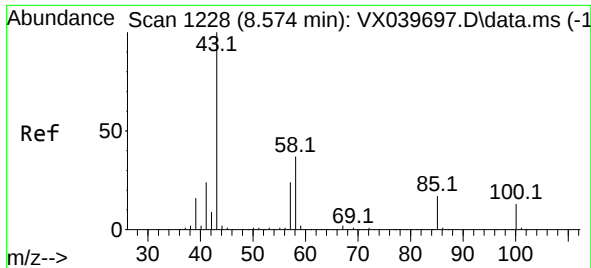
Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Tgt Ion: 98 Resp: 225309
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.1 79.7





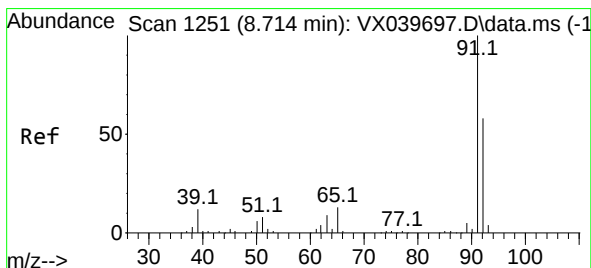
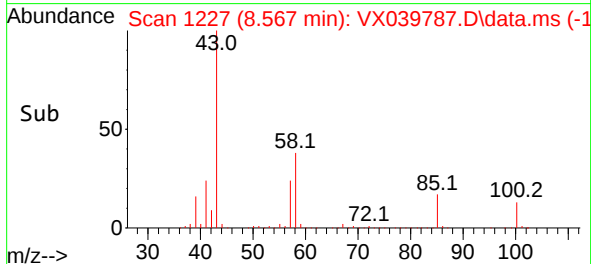
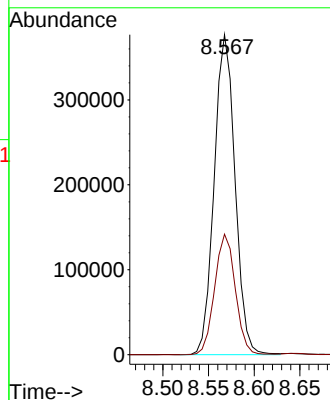
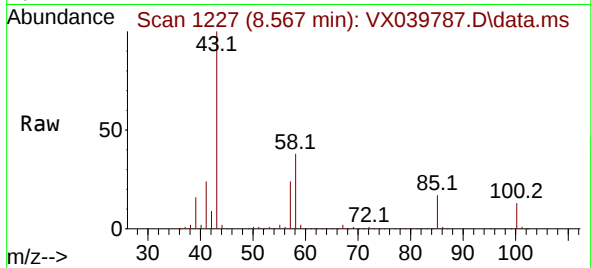
#51
4-Methyl-2-Pentanone
Concen: 245.399 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 596990
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6

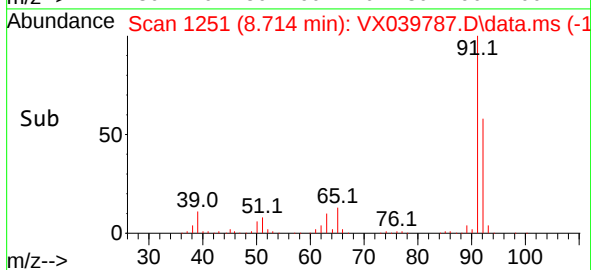
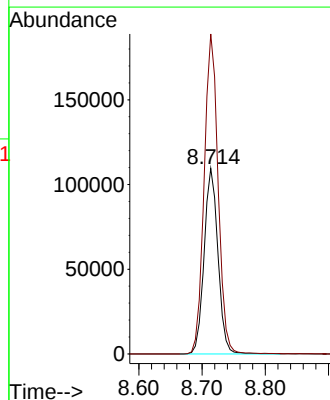
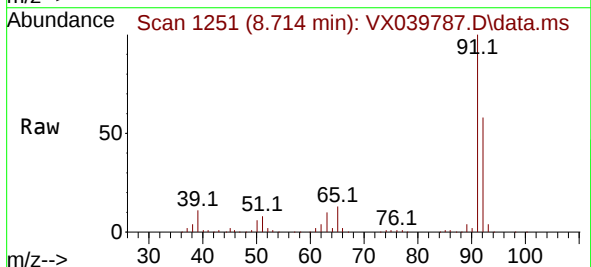
Manual Integrations
APPROVED

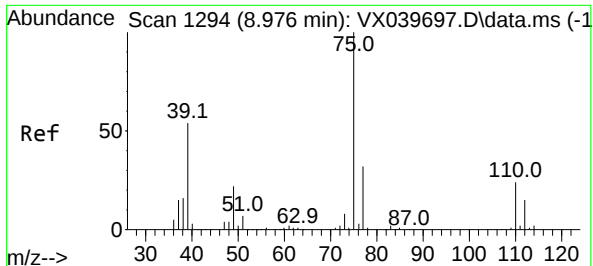
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#52
Toluene
Concen: 54.657 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 92 Resp: 166855
Ion Ratio Lower Upper
92 100
91 174.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 57.091 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 106250

Ion Ratio Lower Upper

75 100

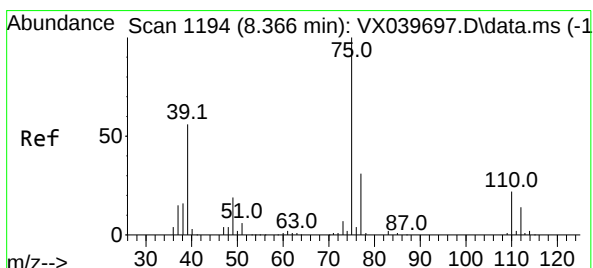
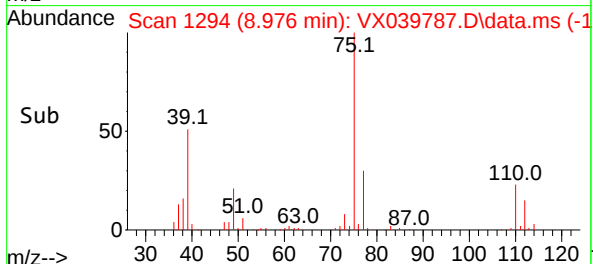
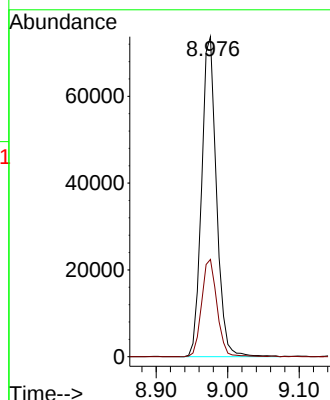
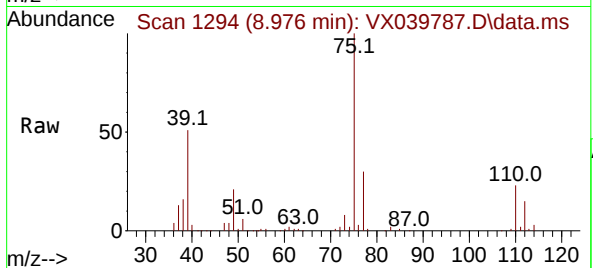
77 30.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#54

cis-1,3-Dichloropropene

Concen: 55.219 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

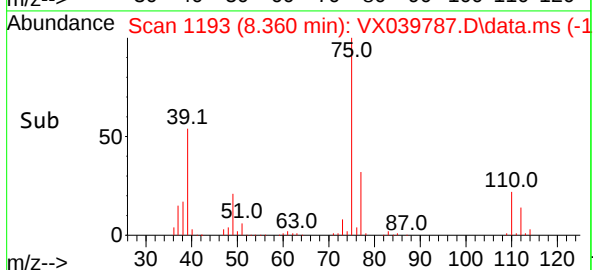
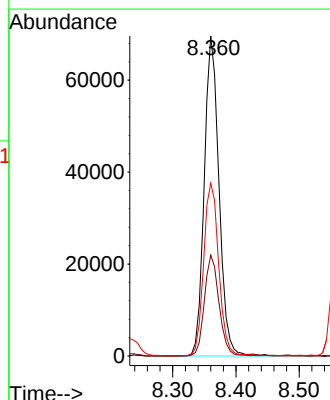
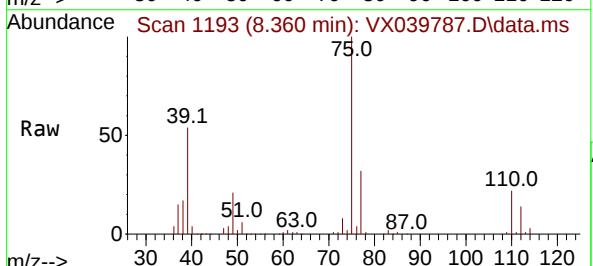
Tgt Ion: 75 Resp: 112999

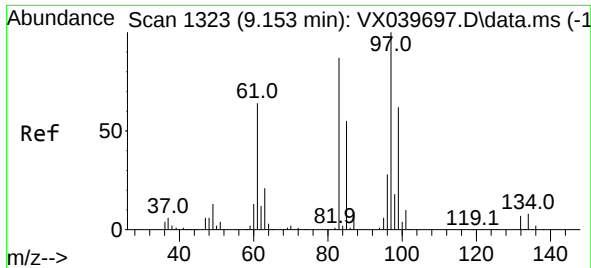
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

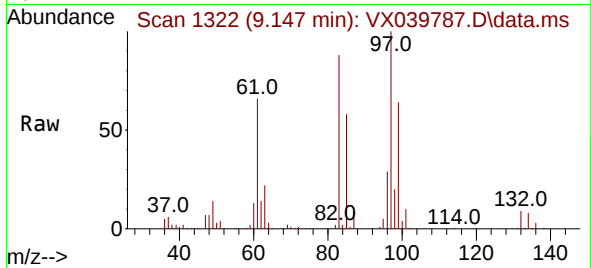
39 53.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.406 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

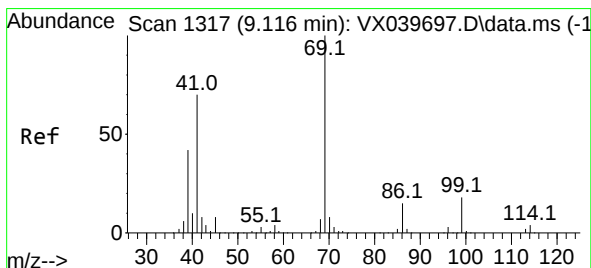
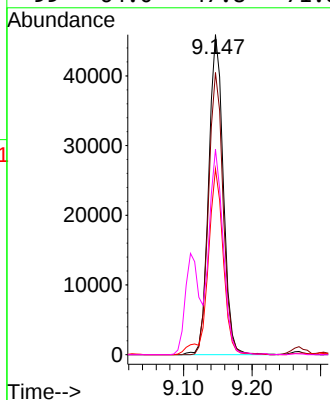
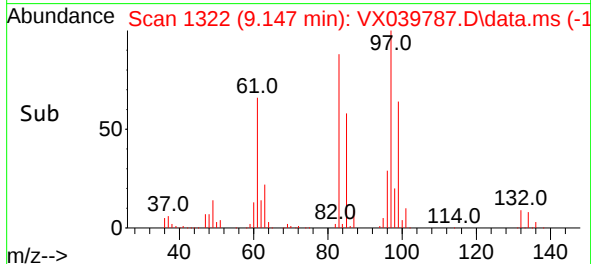
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.8	98.8
85	58.1	41.6	62.4
99	64.0	47.8	71.8

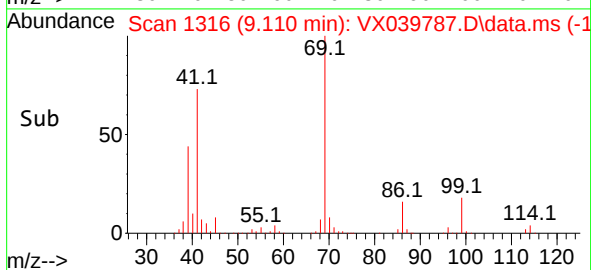
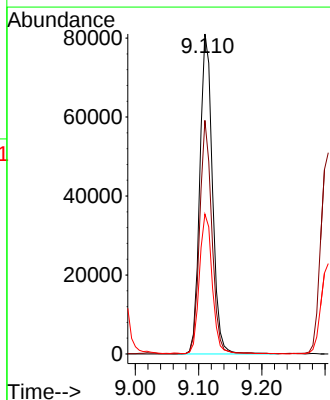
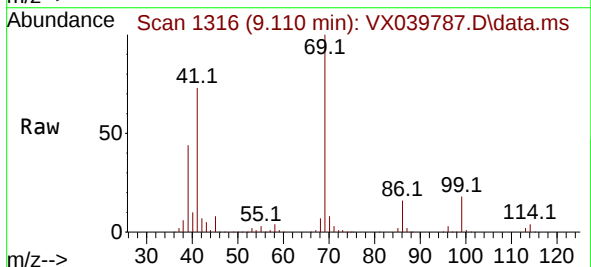
Manual Integrations
APPROVED

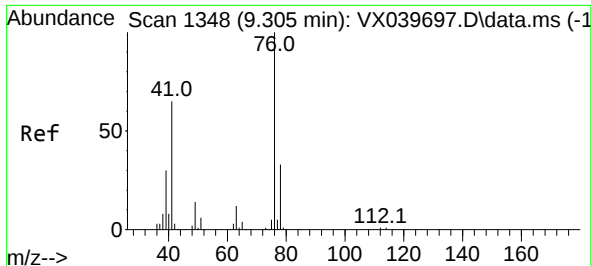
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#56
Ethyl methacrylate
Concen: 53.598 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.8	85.2
39	45.1	32.0	48.0





#57
1,3-Dichloropropane
Concen: 53.117 ug/l
RT: 9.305 min Scan# 116994
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

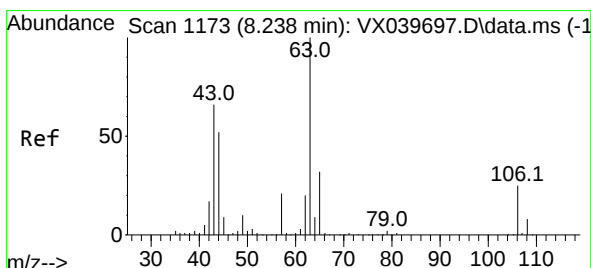
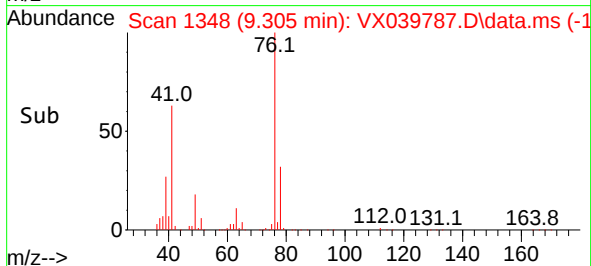
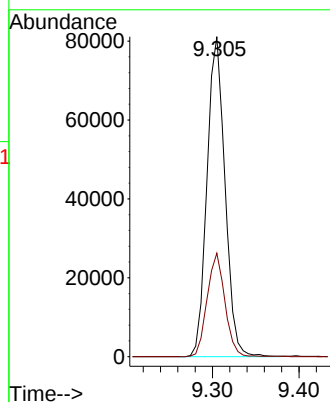
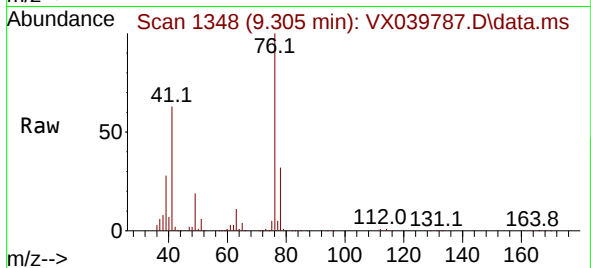
VSTDCCC050

Tgt Ion: 76 Resp: 116994
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

Manual Integrations

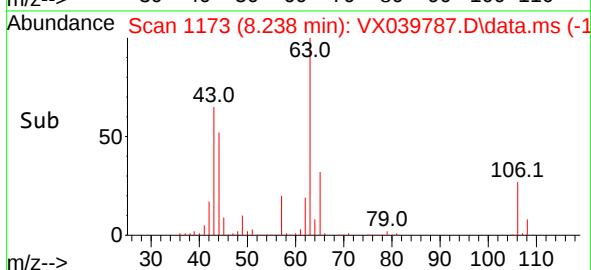
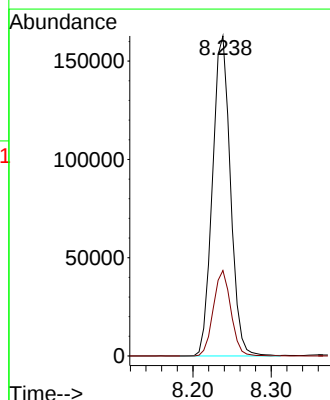
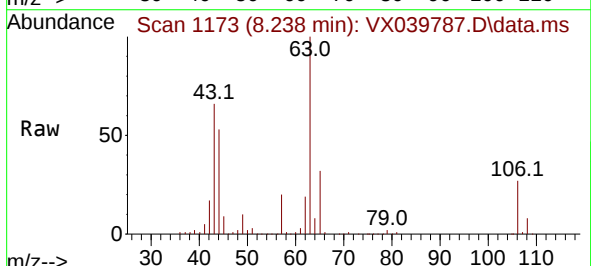
APPROVED

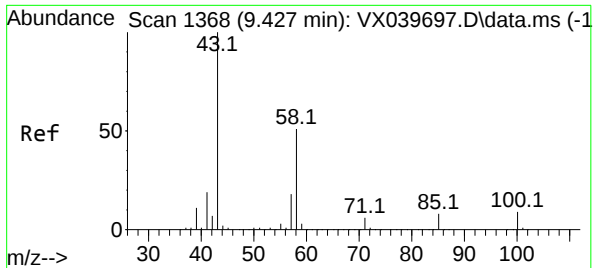
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 260.940 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 63 Resp: 259453
Ion Ratio Lower Upper
63 100
106 26.1 22.5 33.7





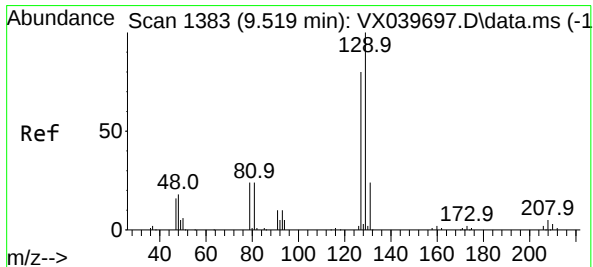
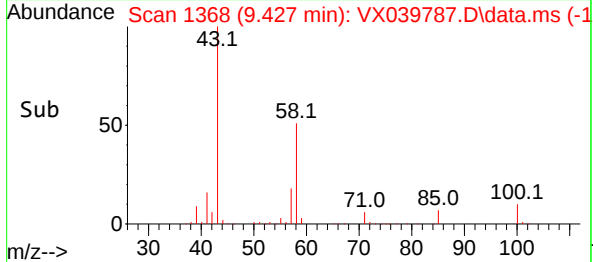
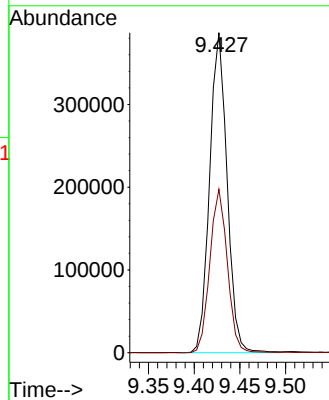
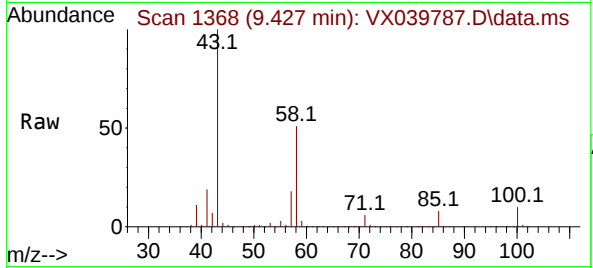
#59
2-Hexanone
Concen: 266.004 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 512162
Ion Ratio Lower Upper
43 100
58 51.4 26.2 78.5

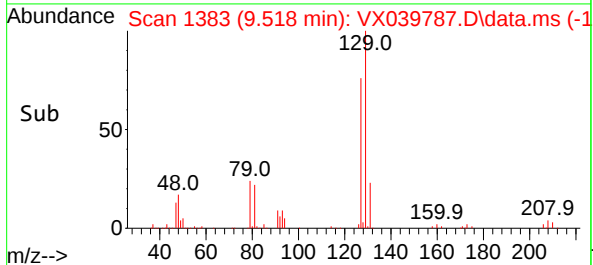
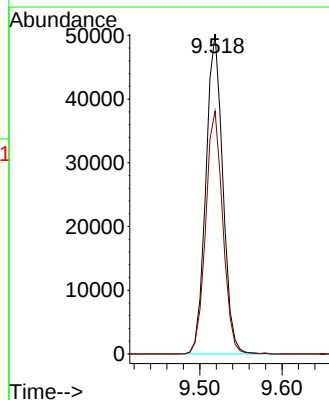
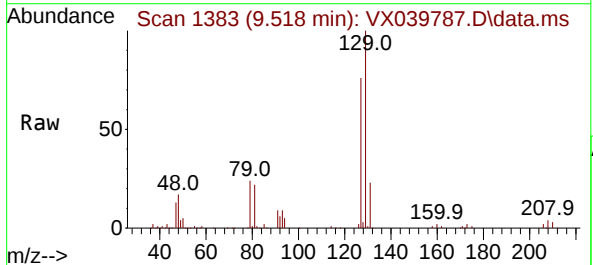
Manual Integrations
APPROVED

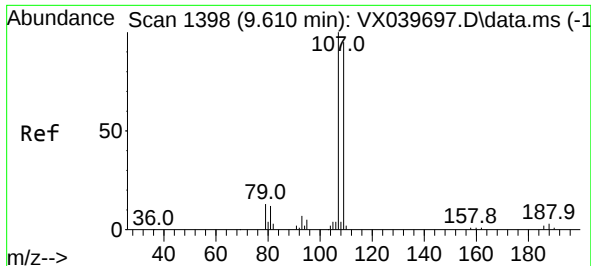
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#60
Dibromochloromethane
Concen: 58.508 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion:129 Resp: 71714
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





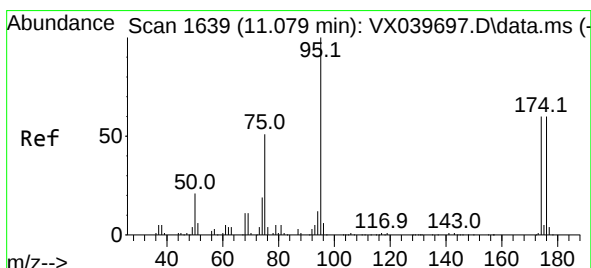
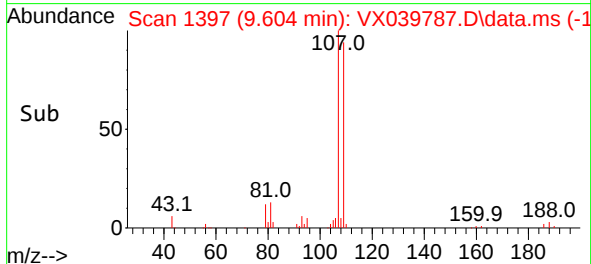
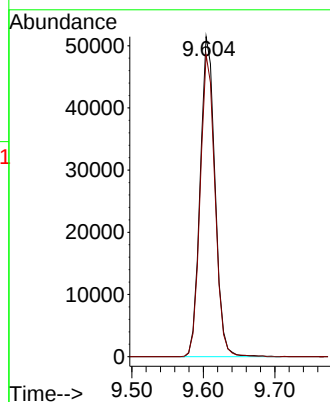
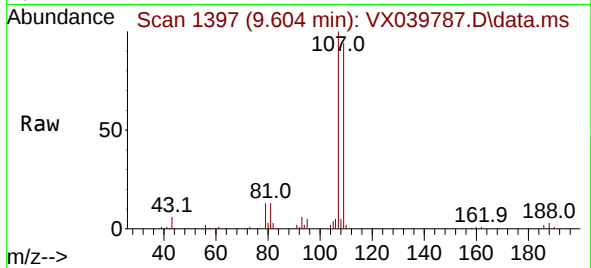
#61
1,2-Dibromoethane
Concen: 55.020 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 74054
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

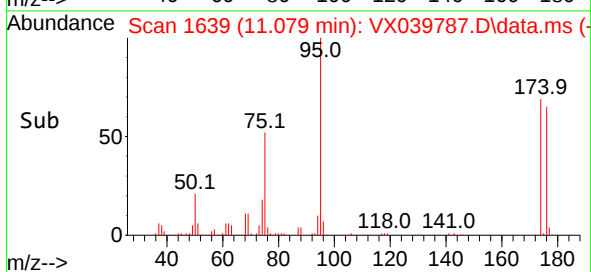
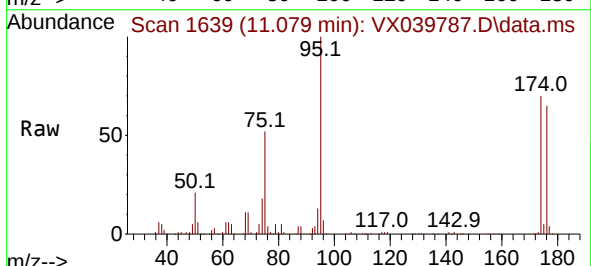
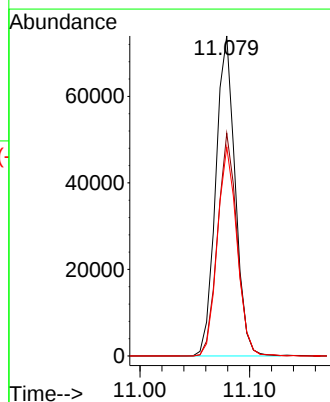
Manual Integrations
APPROVED

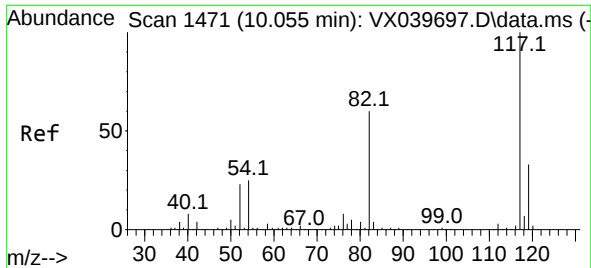
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#62
4-Bromofluorobenzene
Concen: 53.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

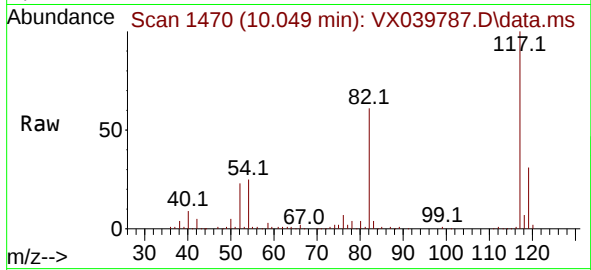
Tgt Ion: 95 Resp: 91224
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 66.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

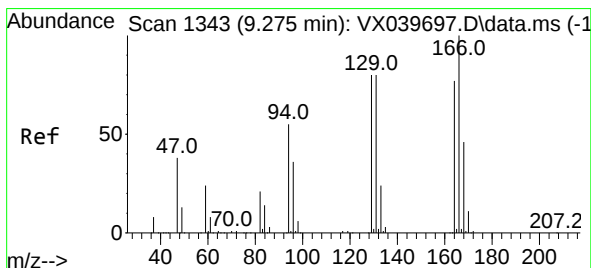
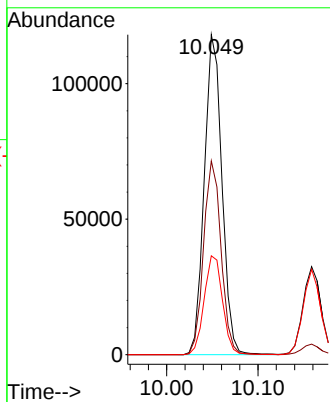
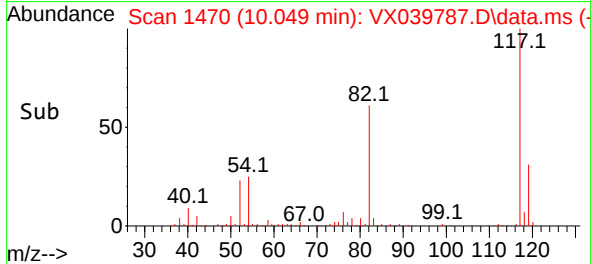
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 157983
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 30.9 25.5 38.3

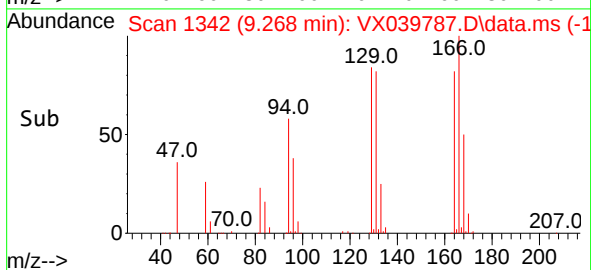
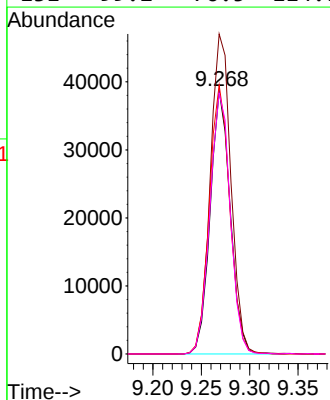
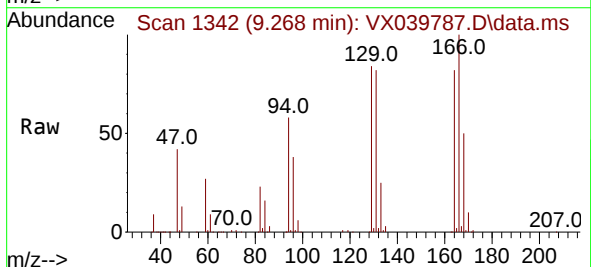
Manual Integrations
APPROVED

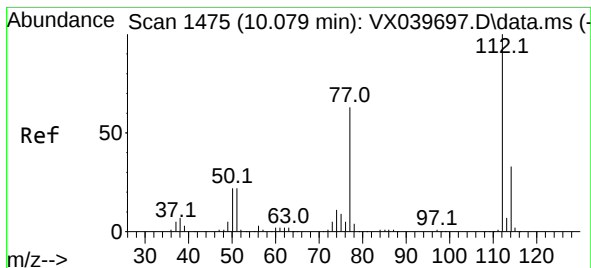
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#64
Tetrachloroethene
Concen: 54.186 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

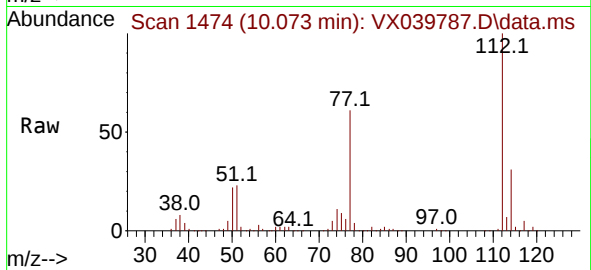
Tgt Ion:164 Resp: 55669
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 102.1 80.4 120.6
131 99.2 76.5 114.7





#65
Chlorobenzene
Concen: 53.774 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

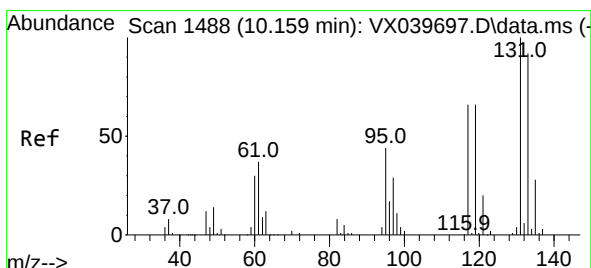
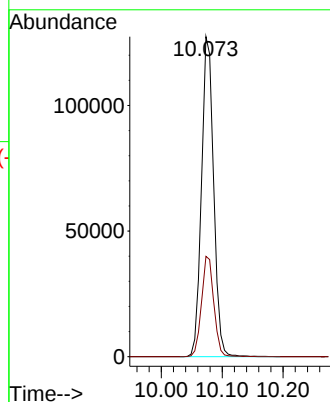
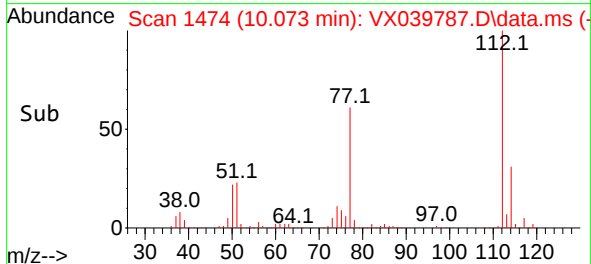
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 176939
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

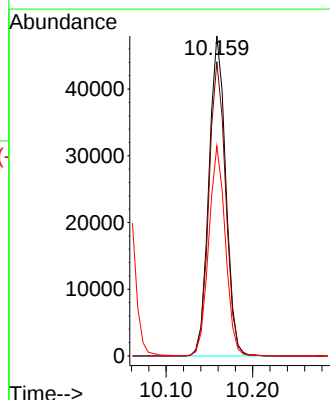
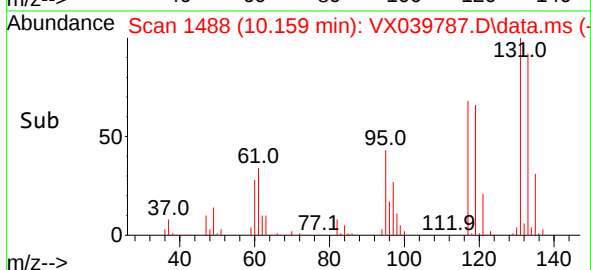
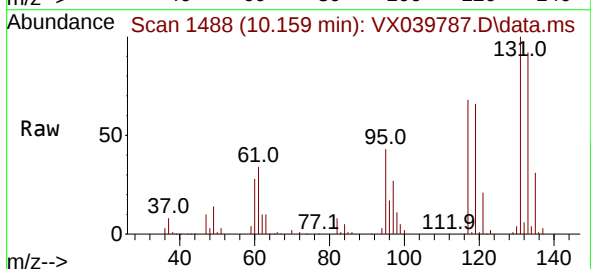
Manual Integrations
APPROVED

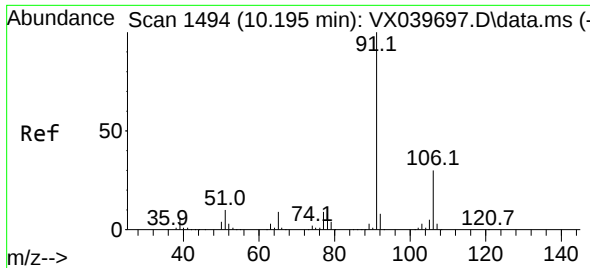
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 57.747 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

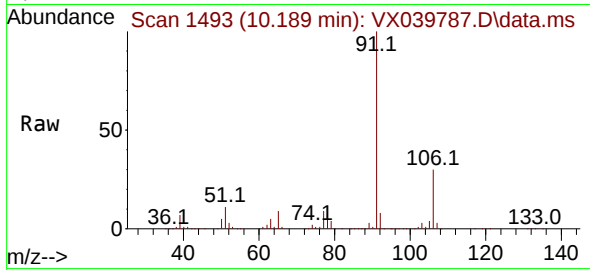
Tgt Ion:131 Resp: 64700
Ion Ratio Lower Upper
131 100
133 91.8 47.1 141.4
119 64.9 32.2 96.6





#67
Ethyl Benzene
Concen: 54.197 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

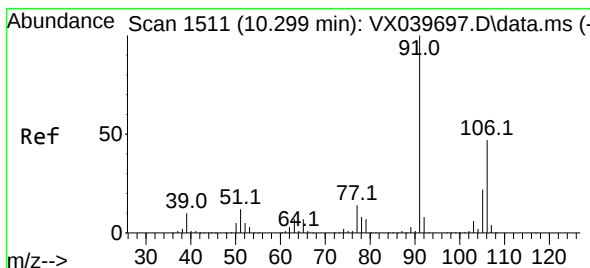
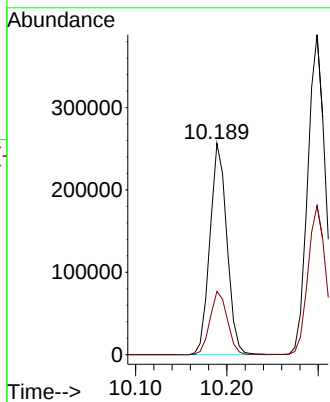
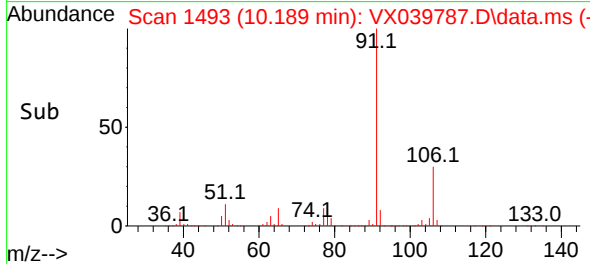
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 33108
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

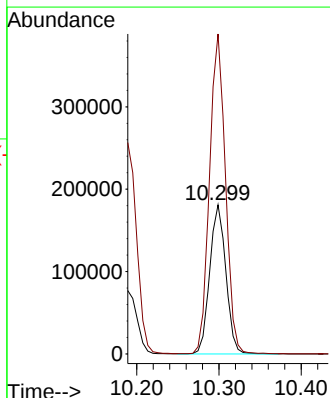
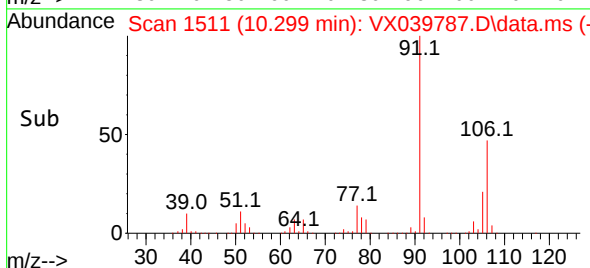
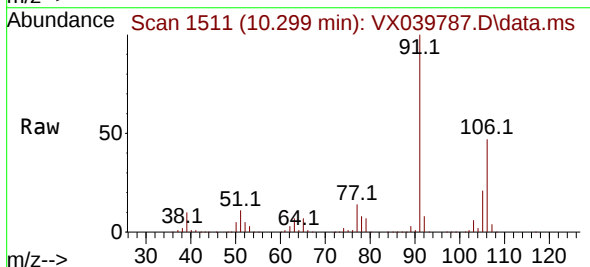
Manual Integrations
APPROVED

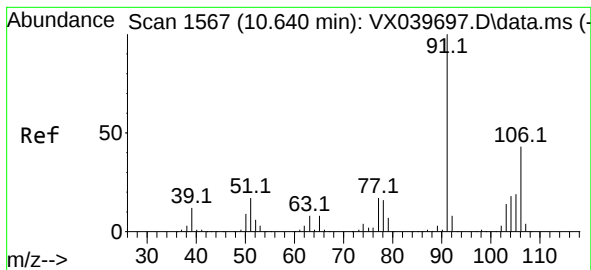
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#68
m/p-Xylenes
Concen: 109.561 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion:106 Resp: 246145
Ion Ratio Lower Upper
106 100
91 212.7 165.5 248.3





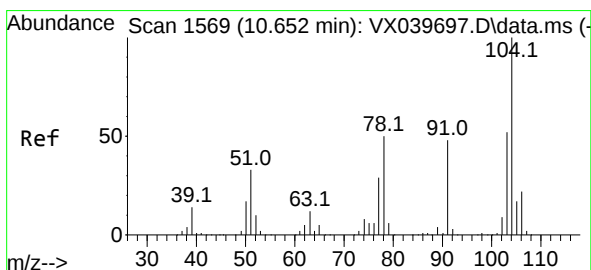
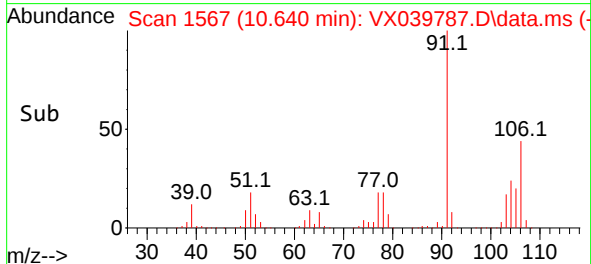
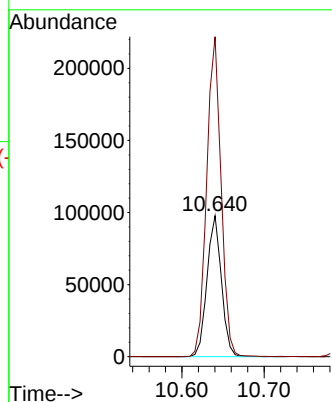
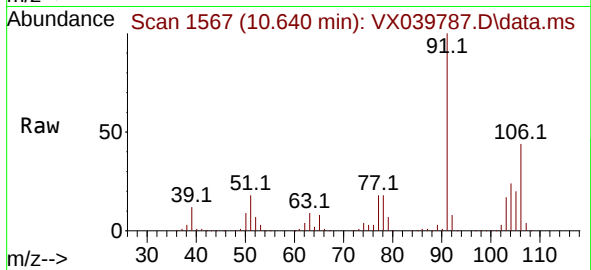
#69
o-Xylene
Concen: 53.489 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 119009
Ion Ratio Lower Upper
106 100
91 227.2 108.9 326.8

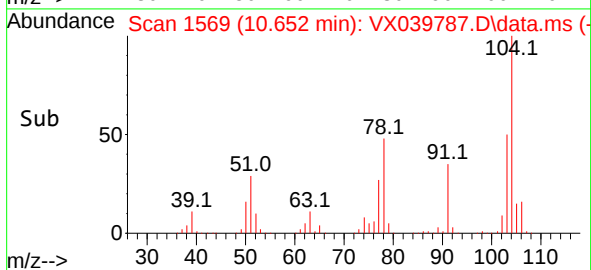
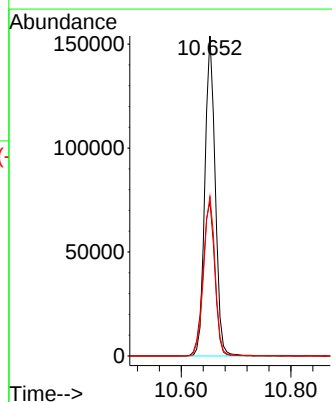
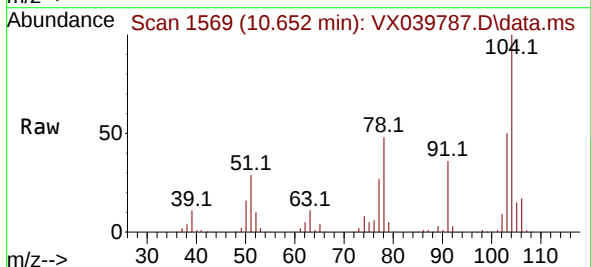
Manual Integrations
APPROVED

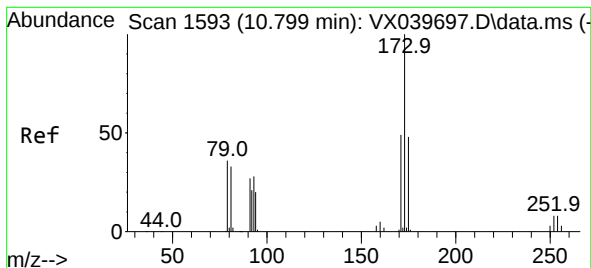
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#70
Styrene
Concen: 55.303 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion:104 Resp: 200995
Ion Ratio Lower Upper
104 100
78 55.1 43.6 65.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 58.578 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 4928

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

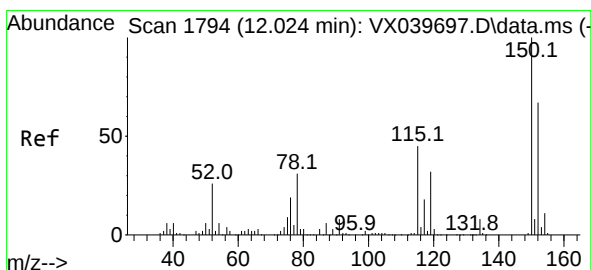
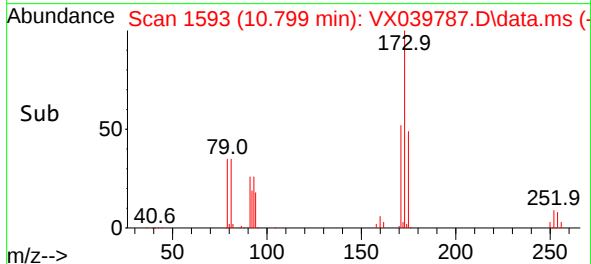
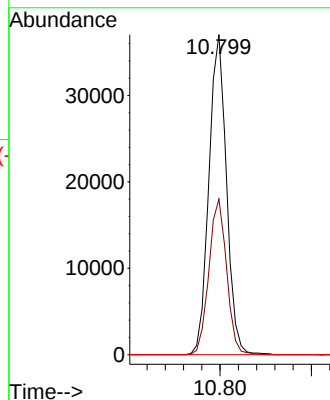
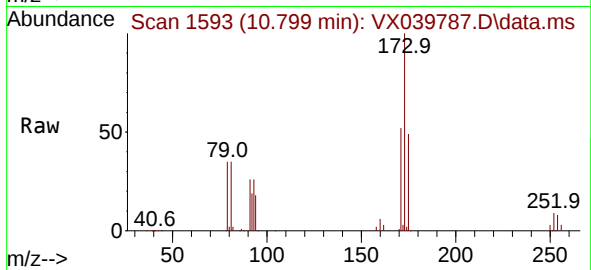
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

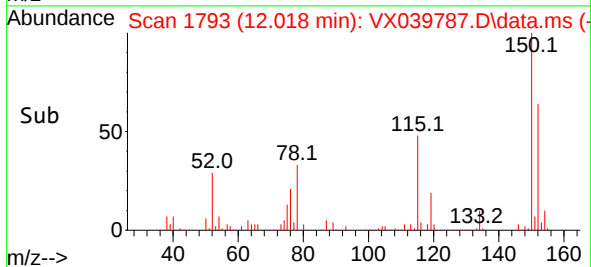
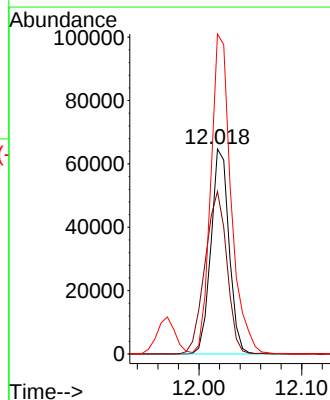
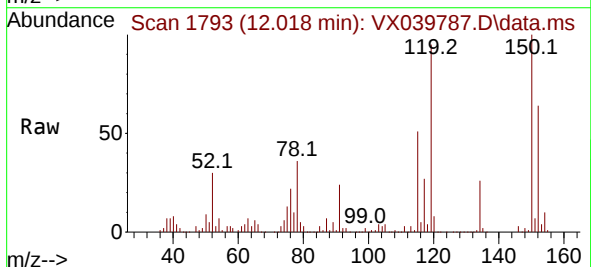
Tgt Ion:152 Resp: 79067

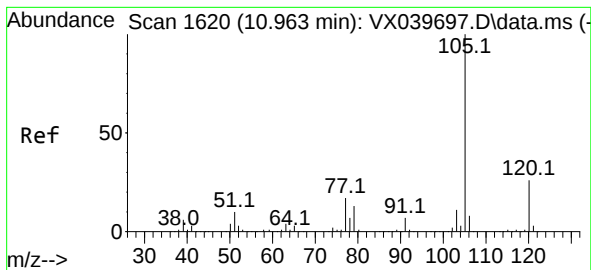
Ion Ratio Lower Upper

152 100

115 95.7 43.3 129.9

150 174.8 0.0 345.0





#73

Isopropylbenzene

Concen: 50.842 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 320052

Ion Ratio Lower Upper

105 100

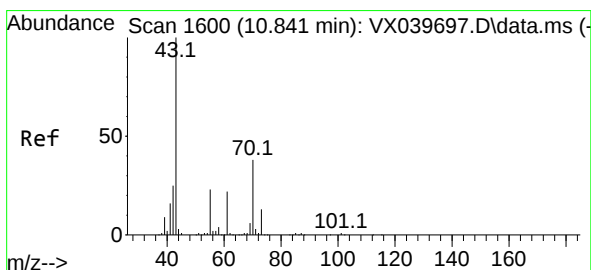
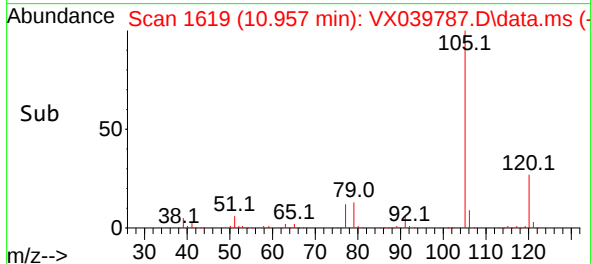
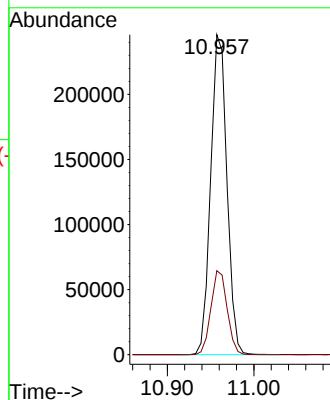
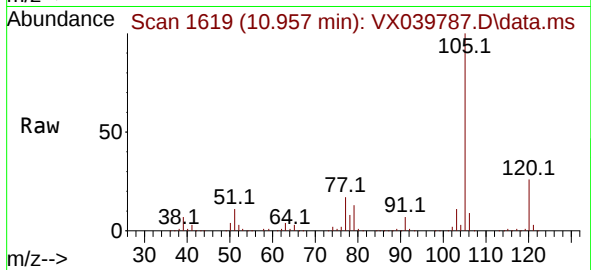
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#74

N-ethyl acetate

Concen: 50.723 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Tgt Ion: 43 Resp: 166440

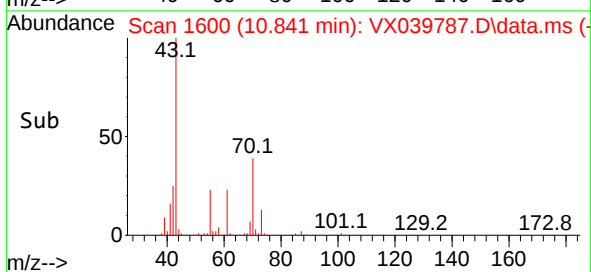
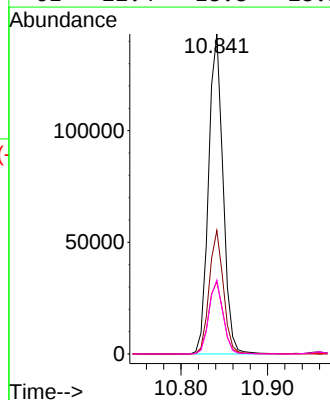
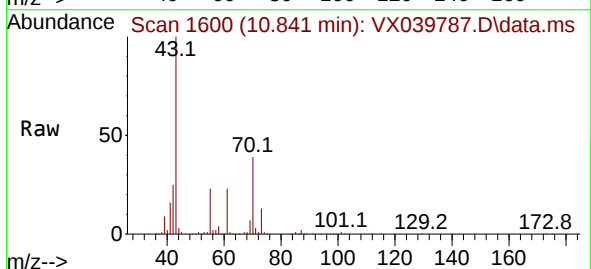
Ion Ratio Lower Upper

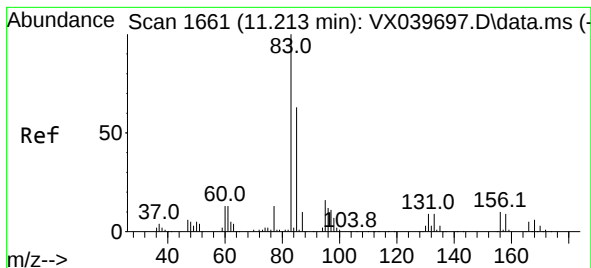
43 100

70 37.9 32.9 49.3

55 23.0 19.3 28.9

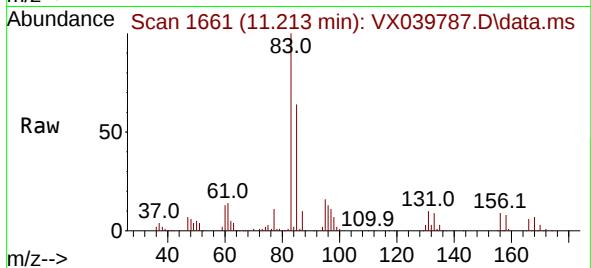
61 22.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.548 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

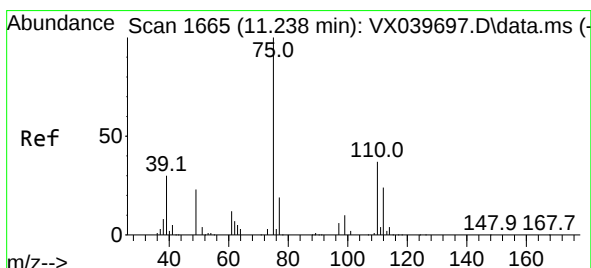
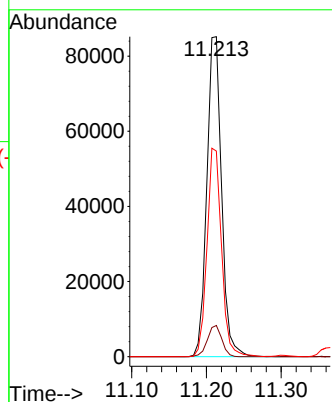
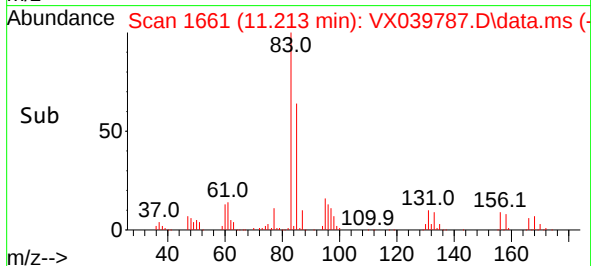
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



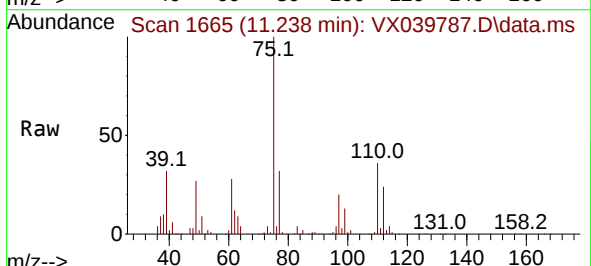
Tgt Ion: 83 Resp: 116699
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.1 32.0 96.2

Manual Integrations
APPROVED

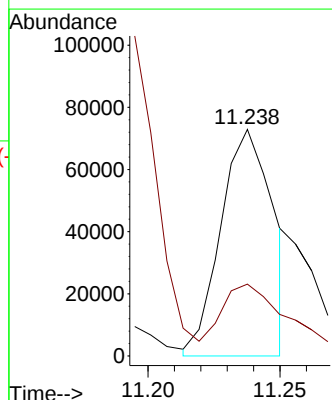
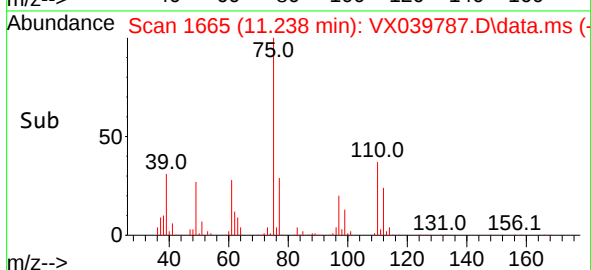
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024

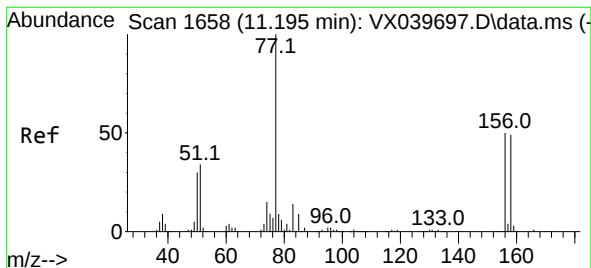


#76
1,2,3-Trichloropropane
Concen: 48.919 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20



Tgt Ion: 75 Resp: 100279
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 51.365 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

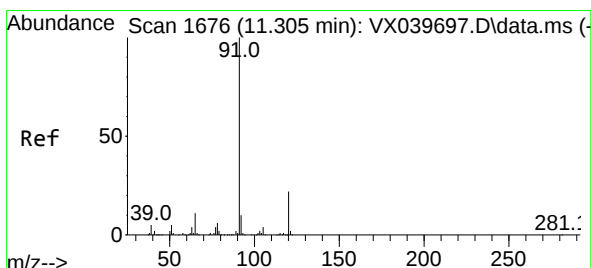
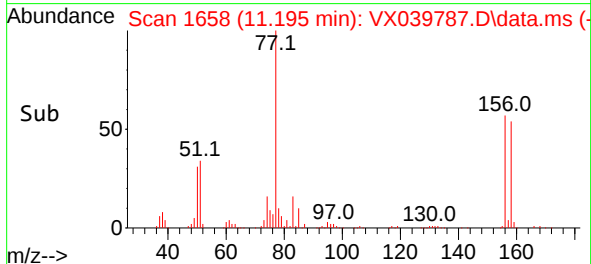
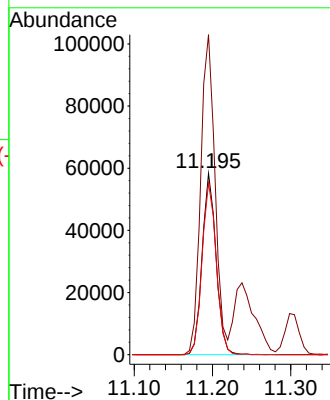
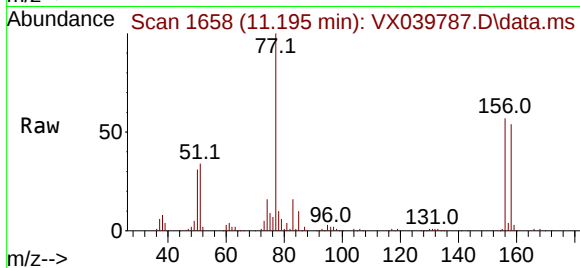
Tgt Ion:	156	Resp:	71994
Ion Ratio	Lower	Upper	
156	100		
77	182.2	88.4	265.3
158	96.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#78

n-propylbenzene

Concen: 52.394 ug/l

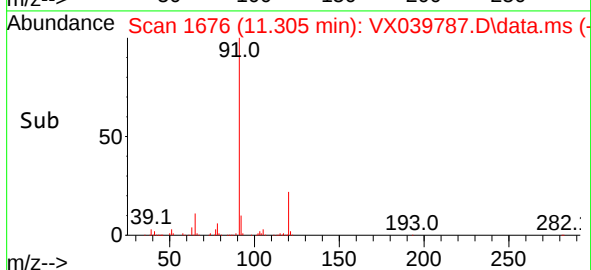
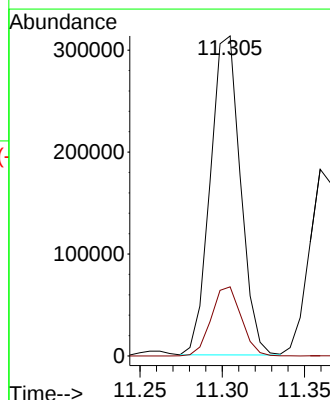
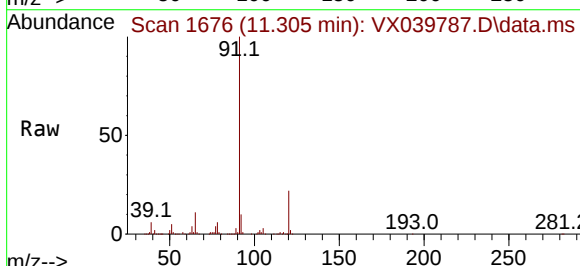
RT: 11.305 min Scan# 1676

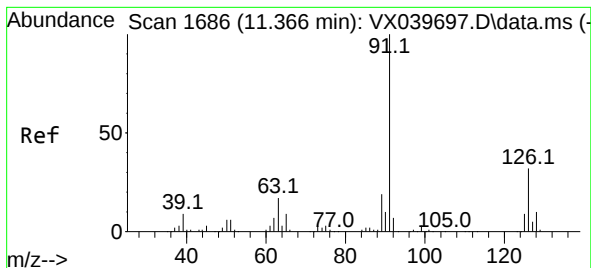
Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Tgt Ion:	91	Resp:	399196
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4





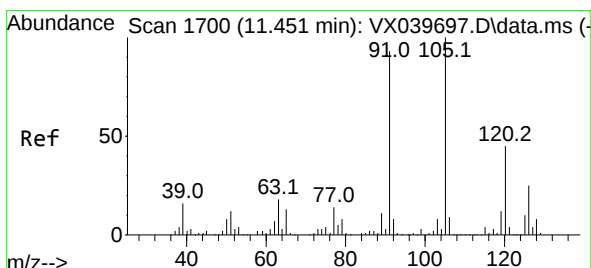
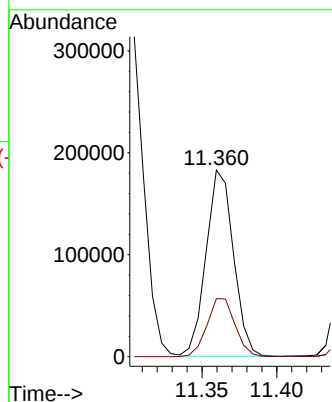
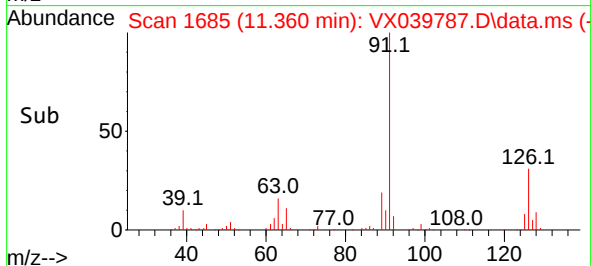
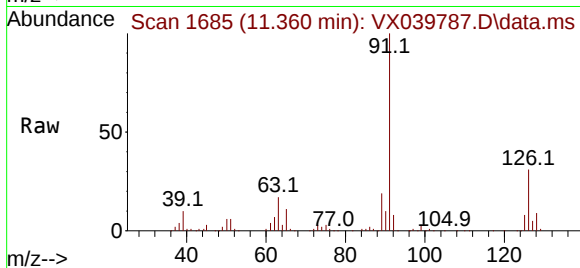
#79
2-Chlorotoluene
Concen: 49.386 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 23256
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

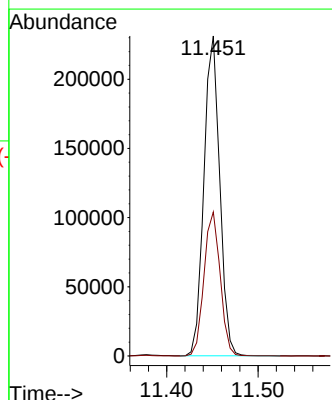
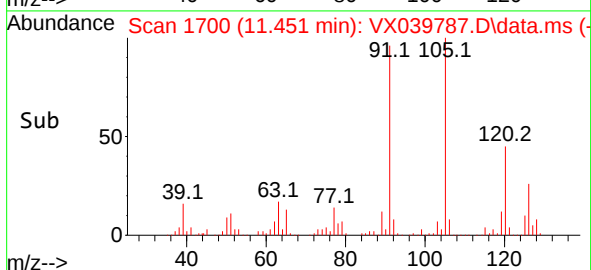
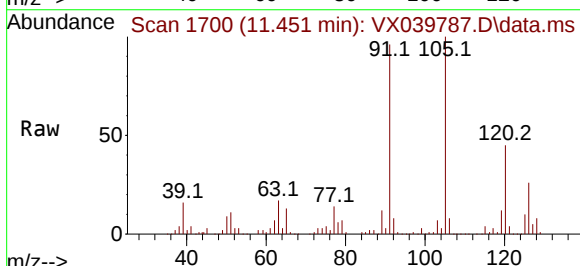
Manual Integrations
APPROVED

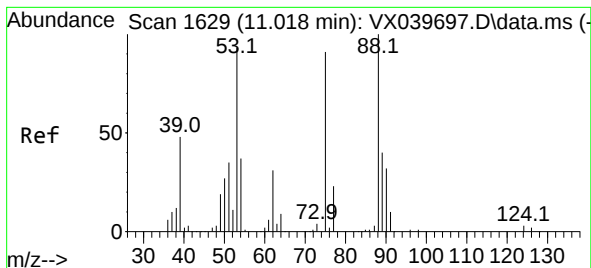
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.840 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion:105 Resp: 277161
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





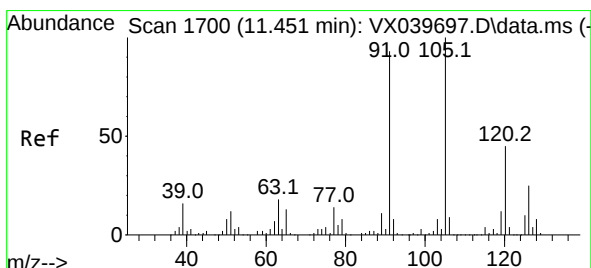
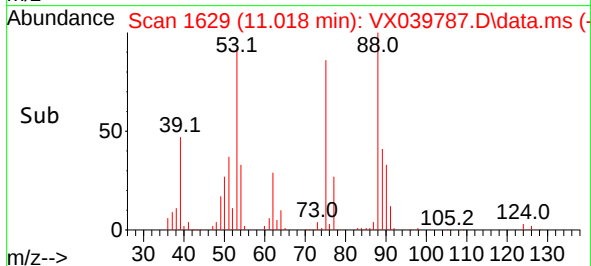
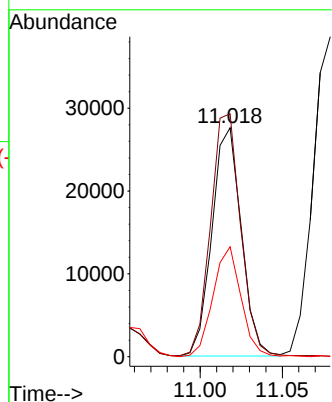
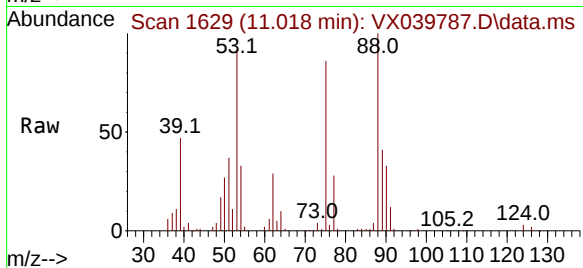
#81
trans-1,4-Dichloro-2-butene
Concen: 49.938 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34279
Ion Ratio Lower Upper
75 100
53 109.5 90.5 135.7
89 46.0 36.9 55.3

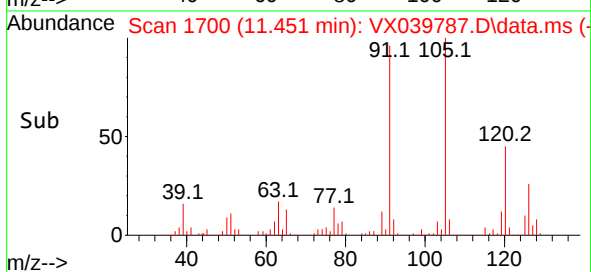
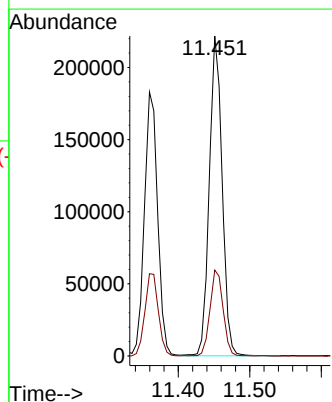
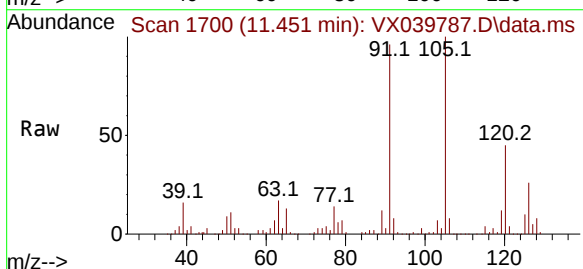
Manual Integrations
APPROVED

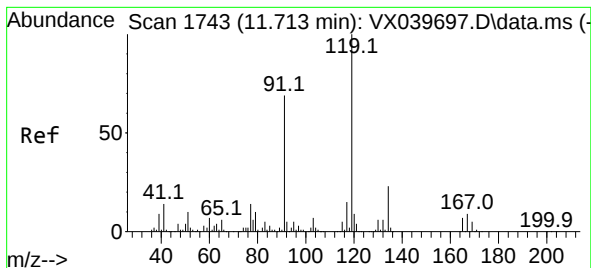
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#82
4-Chlorotoluene
Concen: 51.729 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

Tgt Ion: 91 Resp: 276306
Ion Ratio Lower Upper
91 100
126 27.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.018 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 265514

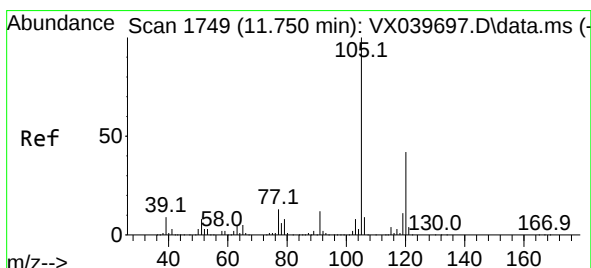
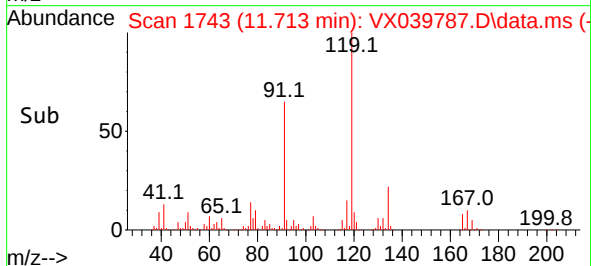
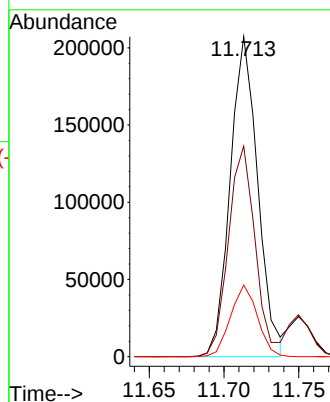
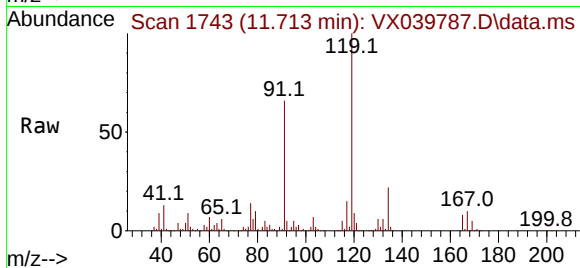
Ion	Ratio	Lower	Upper
119	100		
91	64.3	31.2	93.6
134	21.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.399 ug/l

RT: 11.750 min Scan# 1749

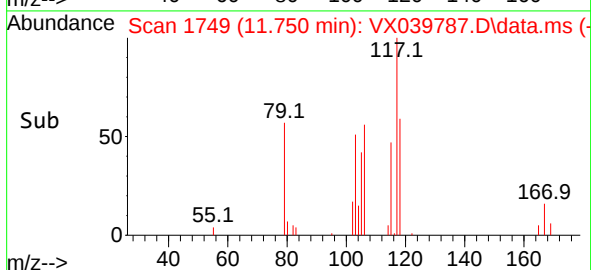
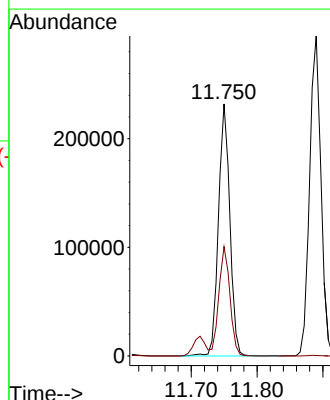
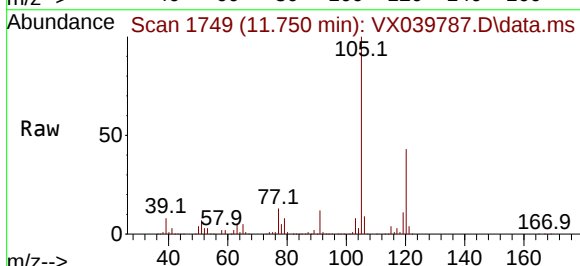
Delta R.T. -0.000 min

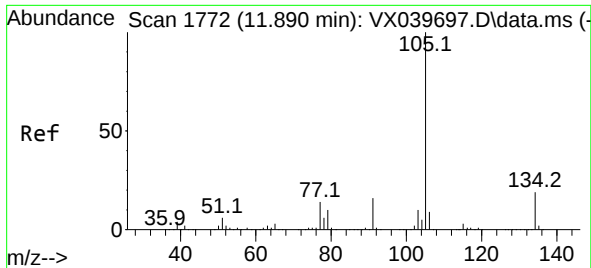
Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Tgt Ion:105 Resp: 279496

Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 53.271 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039787.D
 Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

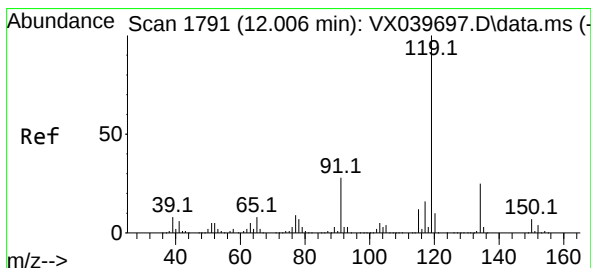
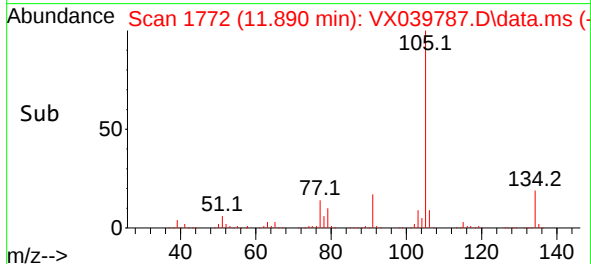
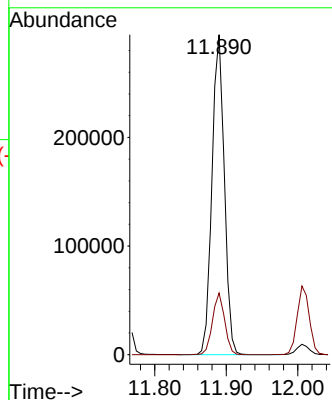
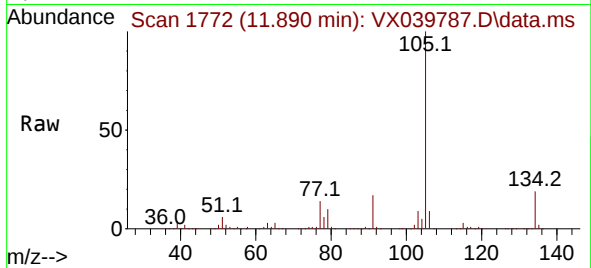
Tgt Ion:105 Resp: 352972
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations

APPROVED

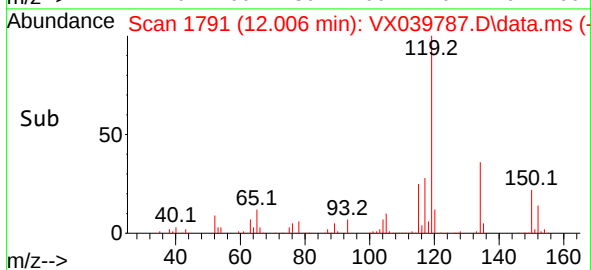
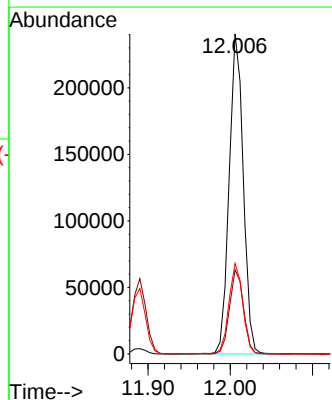
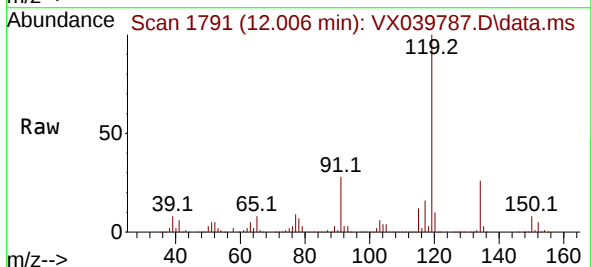
Reviewed By :John Carlone 01/18/2024

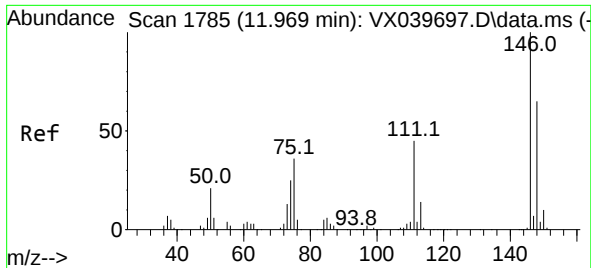
Supervised By :Semsettin Yesilyurt 01/18/2024



#86
 p-Isopropyltoluene
 Concen: 54.243 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039787.D
 Acq: 17 Jan 2024 09:20

Tgt Ion:119 Resp: 287255
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 27.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.668 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 141500

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

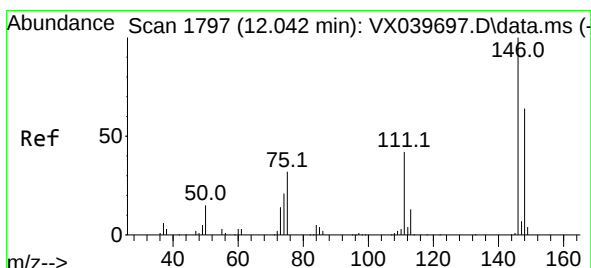
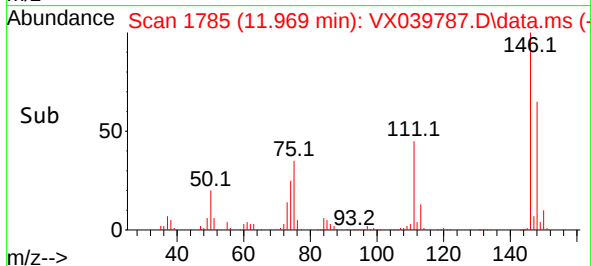
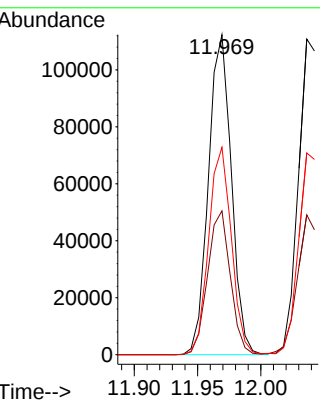
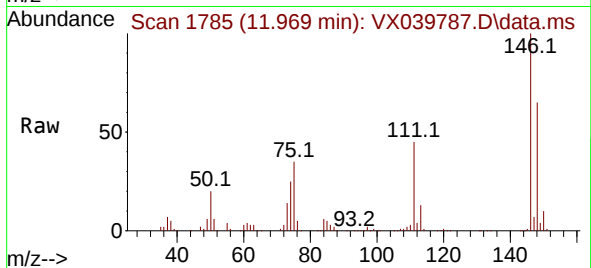
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#88

1,4-Dichlorobenzene

Concen: 51.619 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

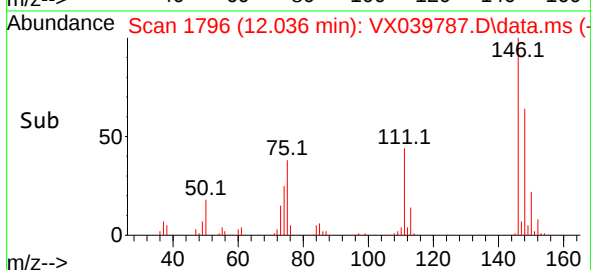
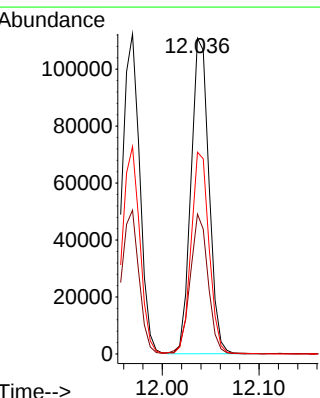
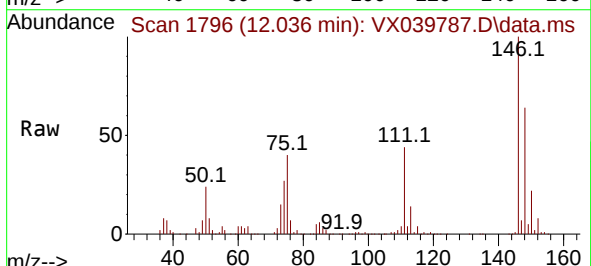
Tgt Ion:146 Resp: 143240

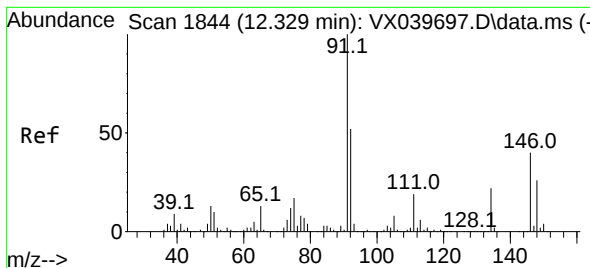
Ion Ratio Lower Upper

146 100

111 44.0 21.3 63.7

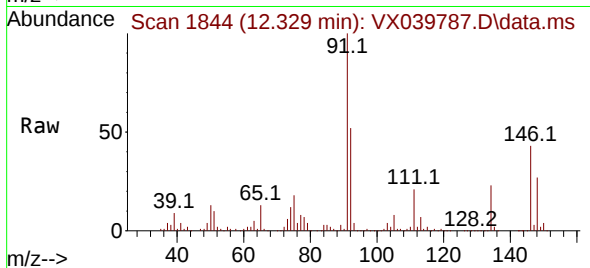
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 55.699 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

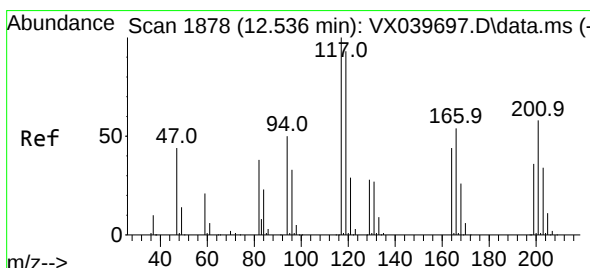
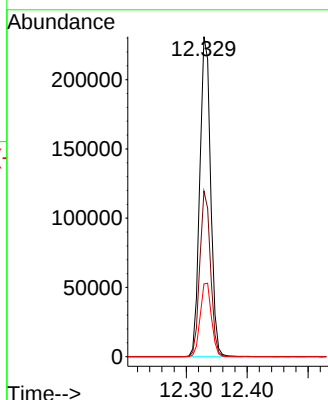
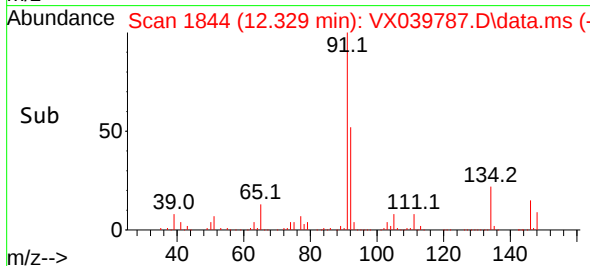
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 28489
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 23.8 12.6 37.8

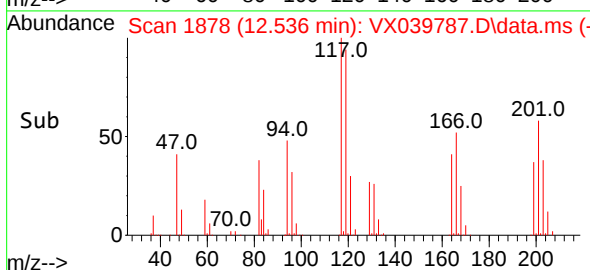
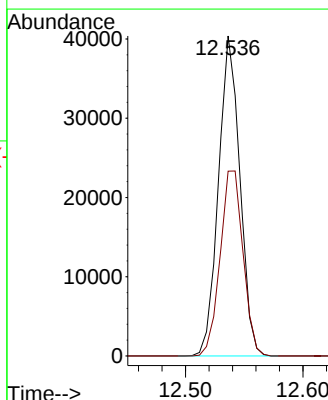
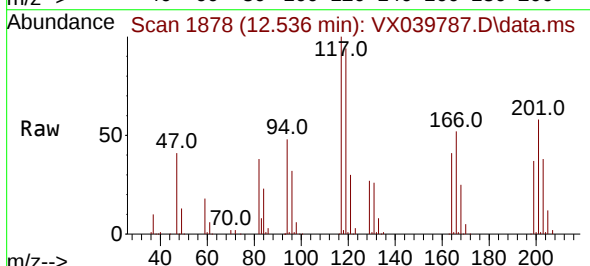
Manual Integrations
APPROVED

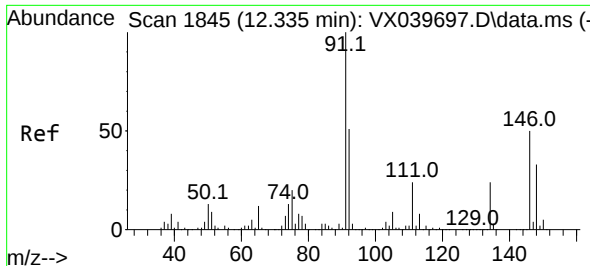
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#90
Hexachloroethane
Concen: 57.190 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

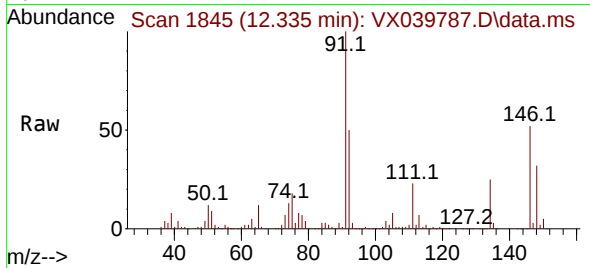
Tgt Ion:117 Resp: 51093
Ion Ratio Lower Upper
117 100
201 62.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.129 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

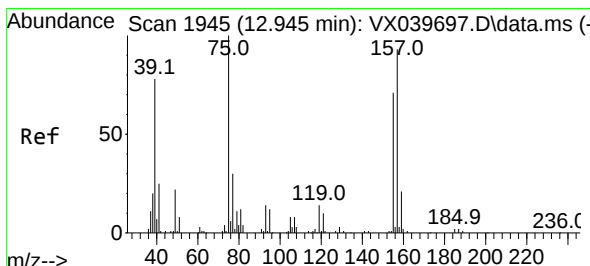
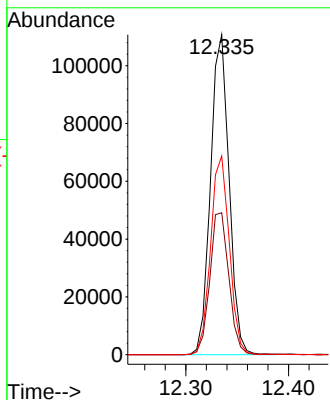
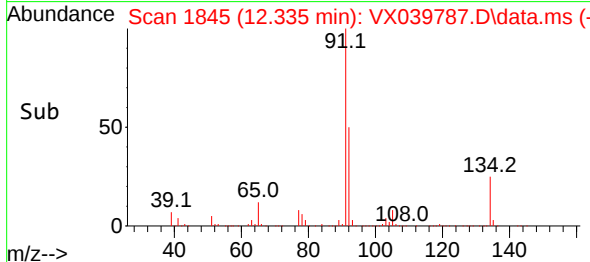
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



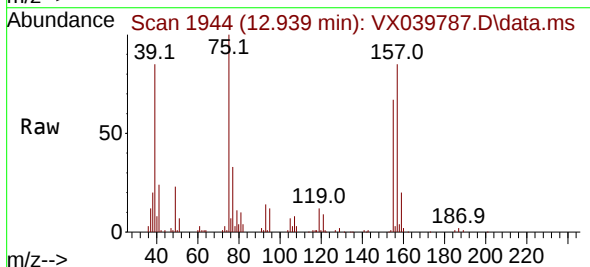
Tgt Ion:146 Resp: 13846
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.0
148 62.8 31.6 95.0

Manual Integrations
APPROVED

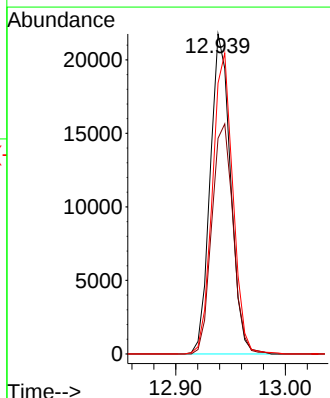
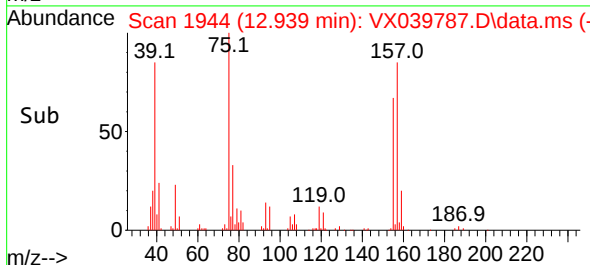
Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024

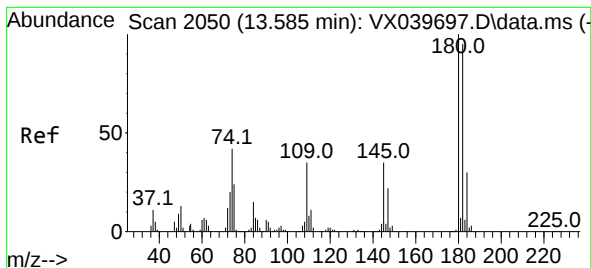


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.865 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20



Tgt Ion: 75 Resp: 28194
Ion Ratio Lower Upper
75 100
155 74.8 36.1 108.5
157 94.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.197 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

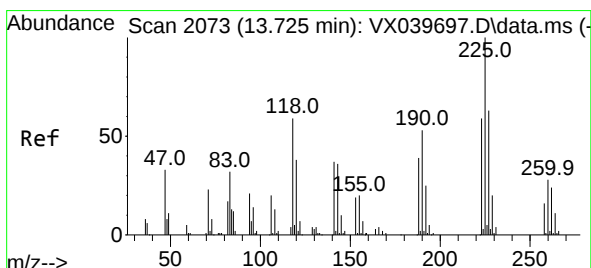
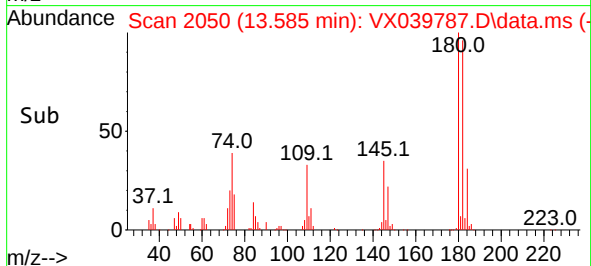
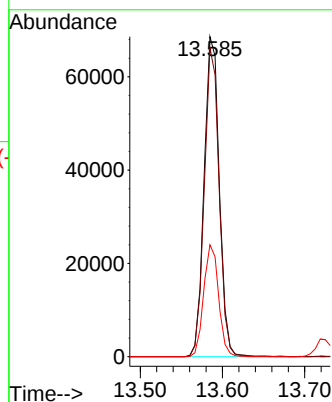
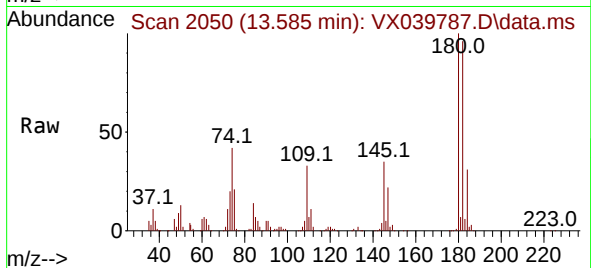
Tgt Ion:180	Resp:	87974
Ion Ratio	Lower	Upper
180	100	
182	94.3	48.3 144.8
145	34.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2024

Supervised By :Semsettin Yesilyurt 01/18/2024



#94

Hexachlorobutadiene

Concen: 57.776 ug/l

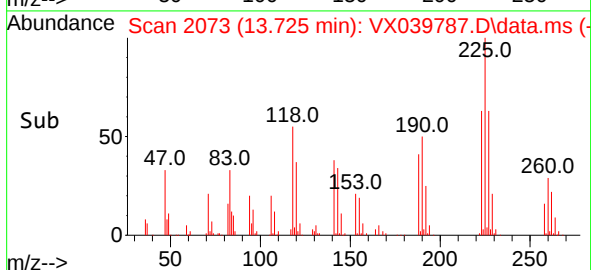
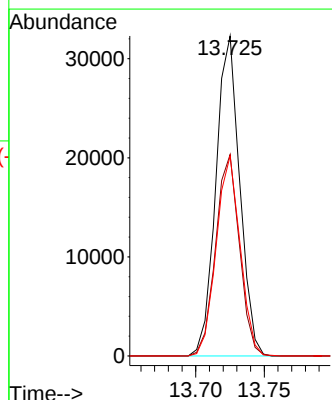
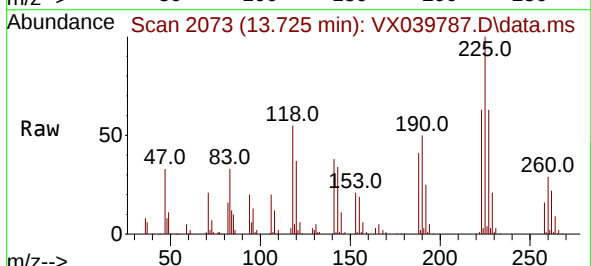
RT: 13.725 min Scan# 2073

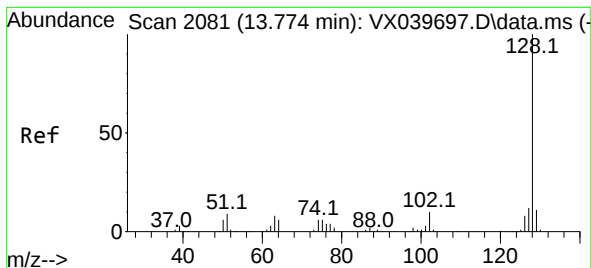
Delta R.T. -0.000 min

Lab File: VX039787.D

Acq: 17 Jan 2024 09:20

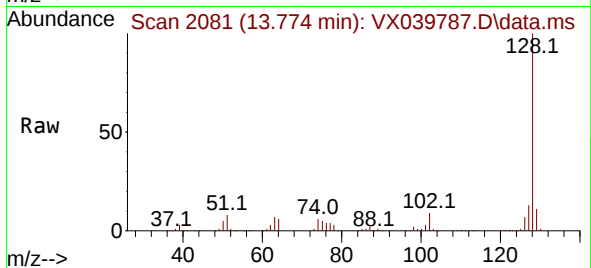
Tgt Ion:225	Resp:	38985
Ion Ratio	Lower	Upper
225	100	
223	62.7	31.1 93.2
227	62.5	32.5 97.5





#95
Naphthalene
Concen: 50.390 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20

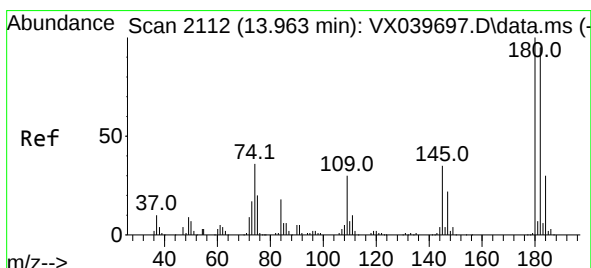
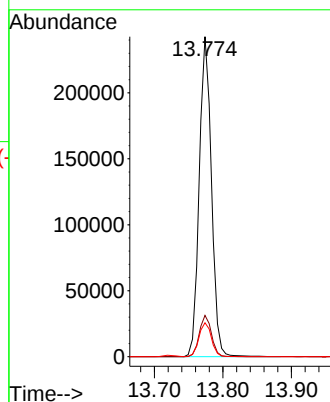
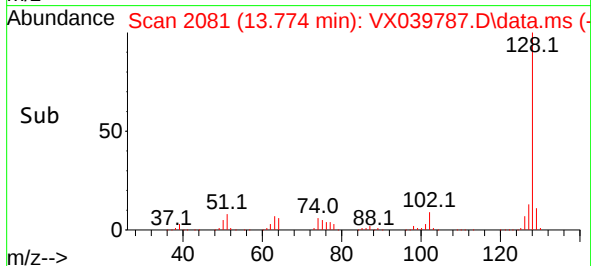
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



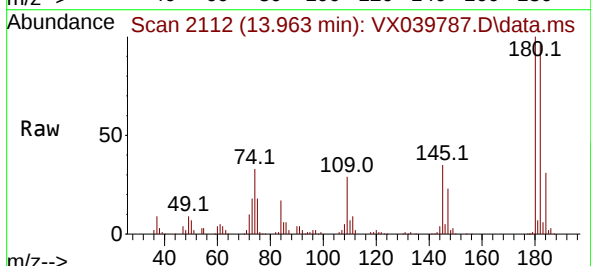
Tgt Ion:128 Resp: 30111
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2024
Supervised By :Semsettin Yesilyurt 01/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.816 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039787.D
Acq: 17 Jan 2024 09:20



Tgt Ion:180 Resp: 84886
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.6
145 36.1 17.8 53.5

