

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039507.D
 Acq On : 28 Dec 2023 11:43
 Operator : JC/MD
 Sample : VX1228WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2023
 Supervised By : Semsettin Yesilyurt 01/01/2024

Quant Time: Dec 28 22:47:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	95150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81875	46.971	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.940%			
35) Dibromofluoromethane	5.385	113	60242	50.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	8.647	98	223439	50.831	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	84484	46.582	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	24439	18.279	ug/l	100
3) Chloromethane	1.294	50	28218	19.037	ug/l	100
4) Vinyl Chloride	1.373	62	26628	19.316	ug/l	100
5) Bromomethane	1.593	94	13535	17.066	ug/l	98
6) Chloroethane	1.660	64	11955	14.391	ug/l	97
7) Trichlorofluoromethane	1.867	101	37825	18.738	ug/l	97
8) Diethyl Ether	2.136	74	14803	21.188	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	22980	18.655	ug/l	96
10) Methyl Iodide	2.446	142	19530	15.339	ug/l	95
11) Tert butyl alcohol	2.995	59	45053	102.927	ug/l #	95
12) 1,1-Dichloroethene	2.312	96	22074	18.040	ug/l	97
13) Acrolein	2.239	56	39300	112.545	ug/l	98
14) Allyl chloride	2.660	41	45363	18.301	ug/l	95
15) Acrylonitrile	3.062	53	89916	102.627	ug/l	98
16) Acetone	2.386	43	90219	72.328	ug/l	90
17) Carbon Disulfide	2.501	76	56785	15.859	ug/l	99
18) Methyl Acetate	2.703	43	80924	21.464	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	84891	19.183	ug/l	100
20) Methylene Chloride	2.788	84	26622	18.321	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23723	17.818	ug/l	99
22) Diisopropyl ether	3.757	45	91276	20.229	ug/l	99
23) Vinyl Acetate	3.721	43	329476	98.085	ug/l	99
24) 1,1-Dichloroethane	3.605	63	48105	18.860	ug/l	98
25) 2-Butanone	4.562	43	133812	88.962	ug/l	99
26) 2,2-Dichloropropane	4.471	77	36797	16.525	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	27753	18.885	ug/l	100
28) Bromochloromethane	4.891	49	19389	15.580	ug/l	90
29) Tetrahydrofuran	5.007	42	86417	104.034	ug/l	98
30) Chloroform	5.086	83	47283	18.551	ug/l	95
31) Cyclohexane	5.464	56	42373	18.821	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	39932	18.047	ug/l	99
36) 1,1-Dichloropropene	5.690	75	34054	18.226	ug/l	99
37) Ethyl Acetate	4.714	43	46990	20.357	ug/l	99
38) Carbon Tetrachloride	5.672	117	31007	17.390	ug/l	91
39) Methylcyclohexane	7.379	83	41973	18.702	ug/l	99
40) Benzene	6.037	78	103706	19.622	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25171	20.437	ug/l	95
42) 1,2-Dichloroethane	6.086	62	40550	18.954	ug/l	99
43) Isopropyl Acetate	6.342	43	73239	19.511	ug/l	98
44) Trichloroethene	7.122	130	24203	18.147	ug/l	99
45) 1,2-Dichloropropane	7.427	63	28907	20.379	ug/l	96
46) Dibromomethane	7.580	93	18841	18.895	ug/l	95
47) Bromodichloromethane	7.817	83	34927	18.320	ug/l	97
48) Methyl methacrylate	7.689	41	43972	20.038	ug/l	97
49) 1,4-Dioxane	7.665	88	13911	470.277	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	259849	108.648	ug/l	98
52) Toluene	8.714	92	61962	19.424	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	35838	17.074	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	40365	17.873	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	26058	19.566	ug/l	95
56) Ethyl methacrylate	9.116	69	33103	20.361	ug/l	97
57) 1,3-Dichloropropane	9.305	76	45566	19.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	97557	102.193	ug/l	93
59) 2-Hexanone	9.433	43	210184	101.829	ug/l	99
60) Dibromochloromethane	9.518	129	24537	18.218	ug/l	98
61) 1,2-Dibromoethane	9.610	107	27590	19.406	ug/l	100
64) Tetrachloroethene	9.275	164	18538	18.032	ug/l	95
65) Chlorobenzene	10.079	112	63809	18.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22357	18.432	ug/l	97
67) Ethyl Benzene	10.195	91	119430	18.684	ug/l	99
68) m/p-Xylenes	10.299	106	87651	38.245	ug/l	96
69) o-Xylene	10.640	106	42686	19.264	ug/l	93
70) Styrene	10.658	104	61582	19.010	ug/l	96
71) Bromoform	10.799	173	15623	17.328	ug/l #	98
73) Isopropylbenzene	10.963	105	114346	19.964	ug/l	99
74) N-amyl acetate	10.841	43	61267	21.142	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	47823	22.445	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38813m	20.209	ug/l	
77) Bromobenzene	11.195	156	25251	19.937	ug/l	93
78) n-propylbenzene	11.305	91	137187	19.440	ug/l	96
79) 2-Chlorotoluene	11.366	91	84421	19.777	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	99068	20.304	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	11264	16.545	ug/l	97
82) 4-Chlorotoluene	11.457	91	97159	19.379	ug/l	97
83) tert-Butylbenzene	11.713	119	94084	20.261	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	99538	19.893	ug/l	99
85) sec-Butylbenzene	11.890	105	116990	19.799	ug/l	98
86) p-Isopropyltoluene	12.012	119	95631	19.284	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	46716	18.774	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	47588	18.368	ug/l	98
89) n-Butylbenzene	12.335	91	87110	17.869	ug/l	96
90) Hexachloroethane	12.536	117	16315	18.213	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	48492	20.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10818	19.276	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	26655	17.098	ug/l	98
94) Hexachlorobutadiene	13.725	225	11251	19.150	ug/l	96
95) Naphthalene	13.774	128	107289	19.761	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27663	18.381	ug/l	99

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QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

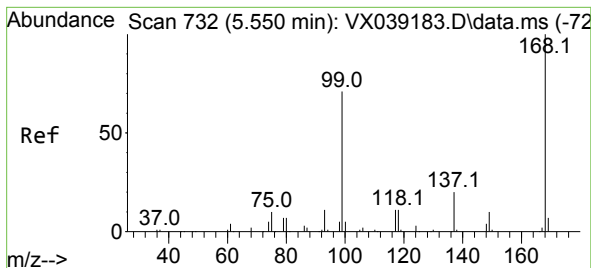
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX039507.D

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Instrument :

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ClientSampleId :

VX1228WBSD01

Tgt Ion:168 Resp: 95150

Ion Ratio Lower Upper

168 100

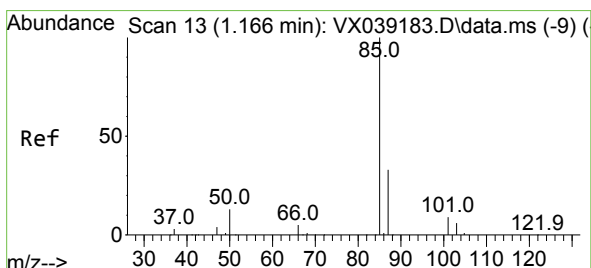
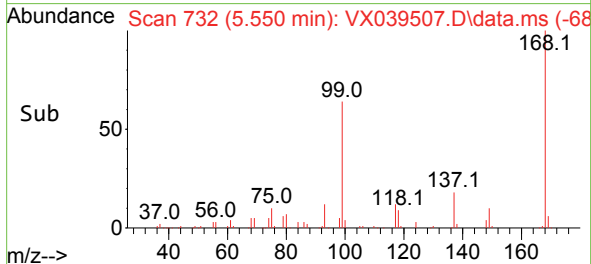
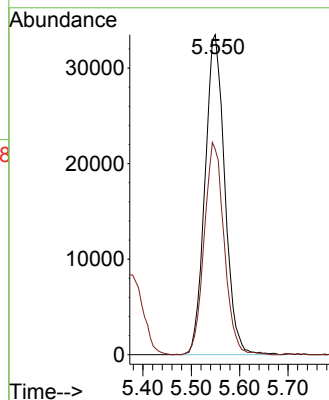
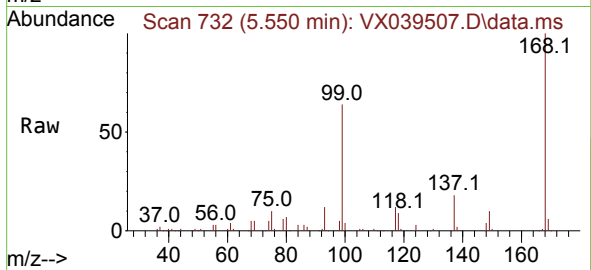
99 64.2 56.6 85.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.279 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX039507.D

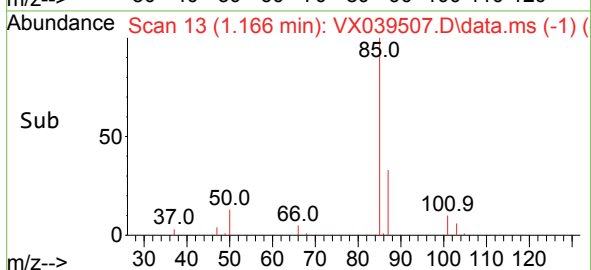
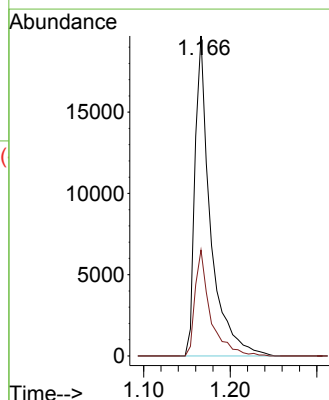
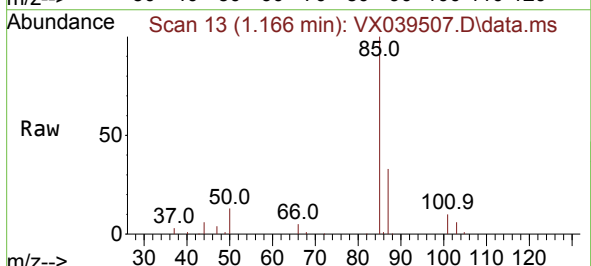
Acq: 28 Dec 2023 11:43

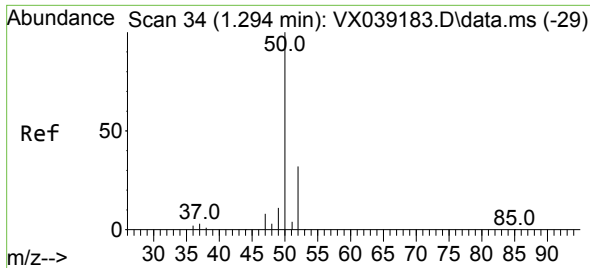
Tgt Ion: 85 Resp: 24439

Ion Ratio Lower Upper

85 100

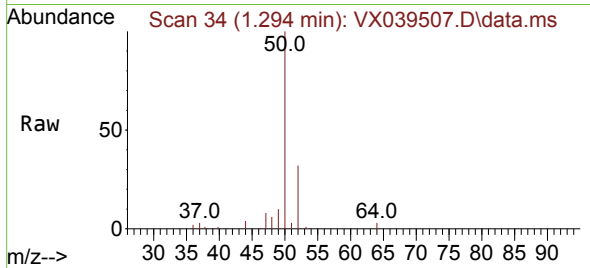
87 33.1 16.7 50.1





#3
Chloromethane
Concen: 19.037 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

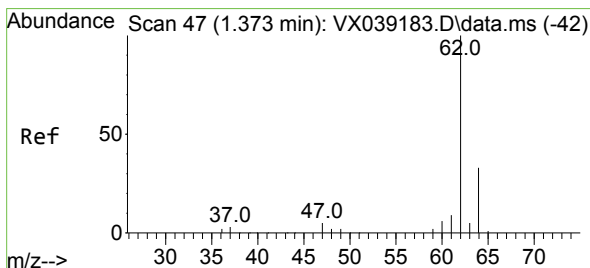
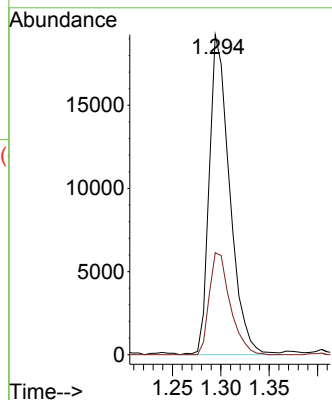
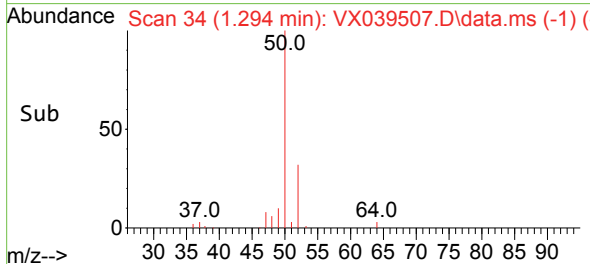
Instrument :
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ClientSampleId :
VX1228WBSD01



Tgt Ion: 50 Resp: 28218
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

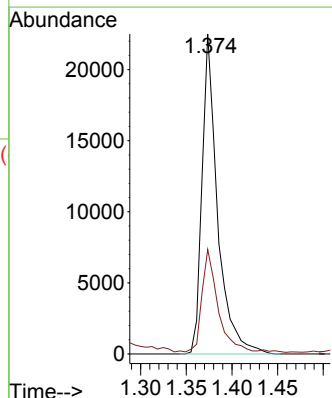
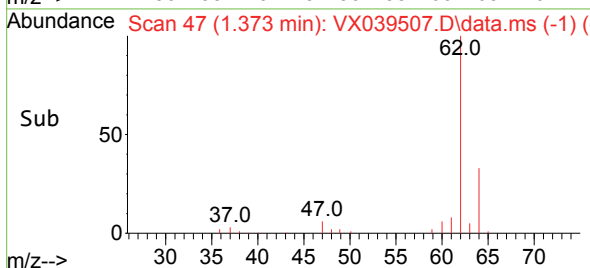
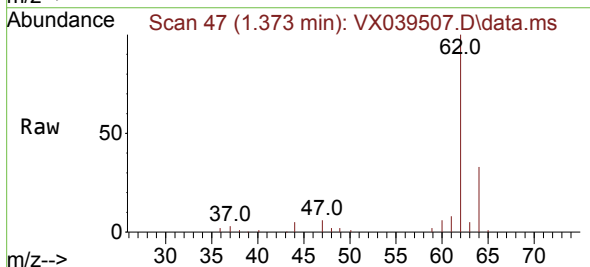
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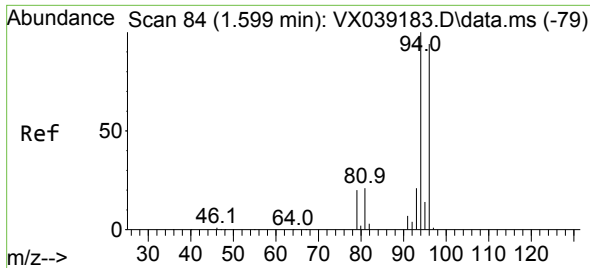
Reviewed By :John Carlone 12/29/2023
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#4
Vinyl Chloride
Concen: 19.316 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

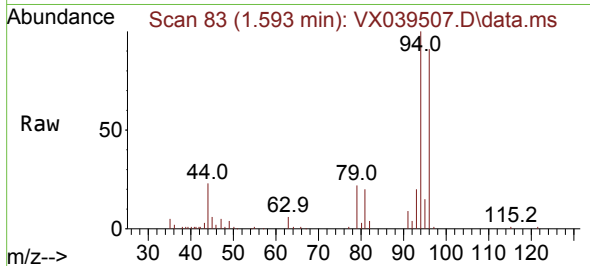
Tgt Ion: 62 Resp: 26628
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 17.066 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

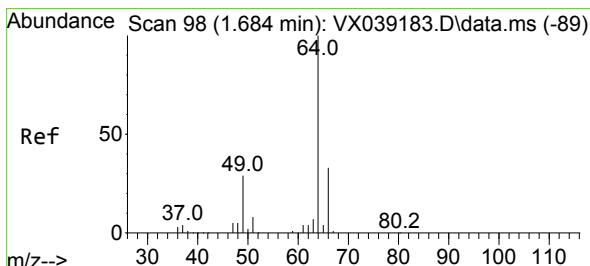
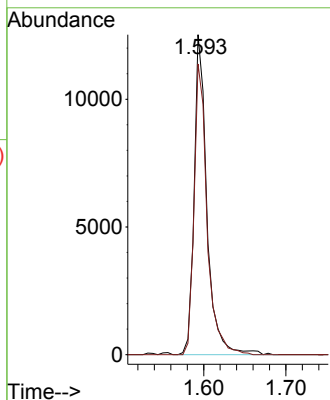
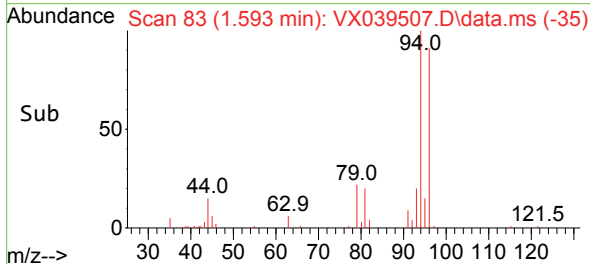
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Tgt Ion: 94 Resp: 1353
Ion Ratio Lower Upper
94 100
96 90.9 74.6 111.8

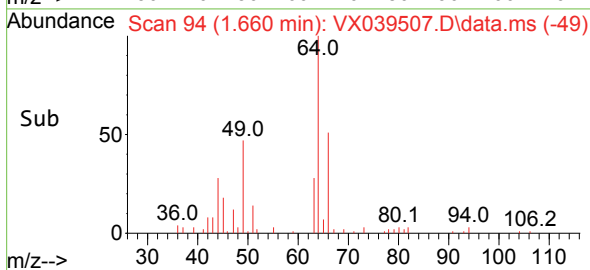
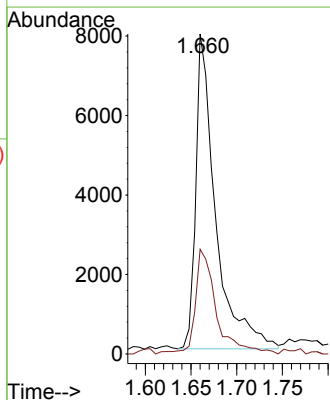
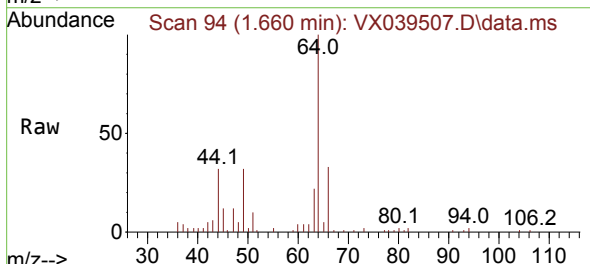
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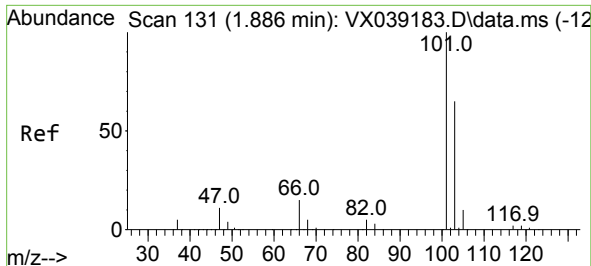
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#6
Chloroethane
Concen: 14.391 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
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Acq: 28 Dec 2023 11:43

Tgt Ion: 64 Resp: 11955
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





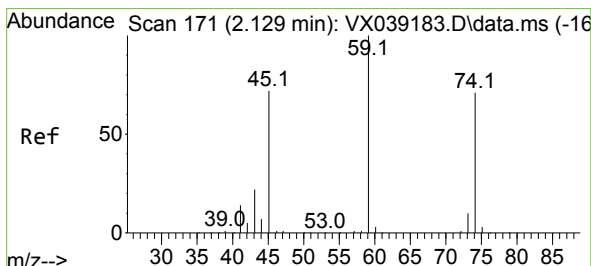
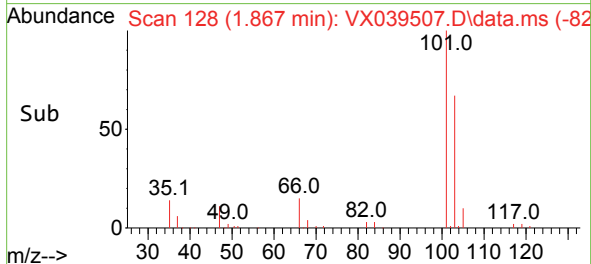
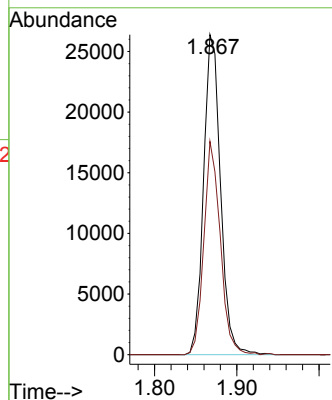
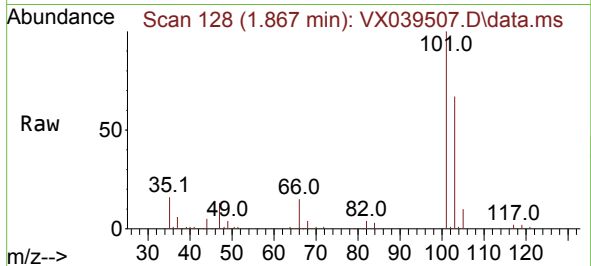
#7
Trichlorofluoromethane
Concen: 18.738 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tgt Ion:101 Resp: 3782
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.2

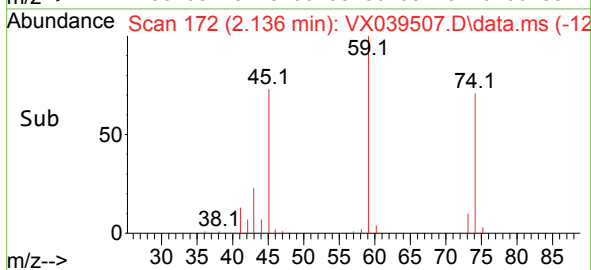
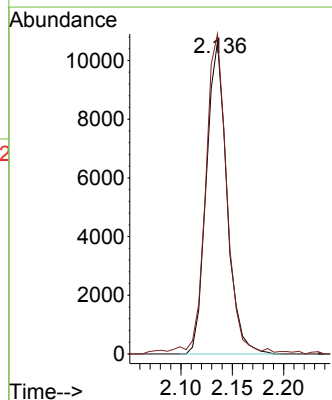
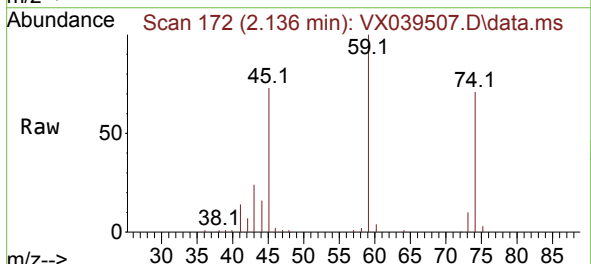
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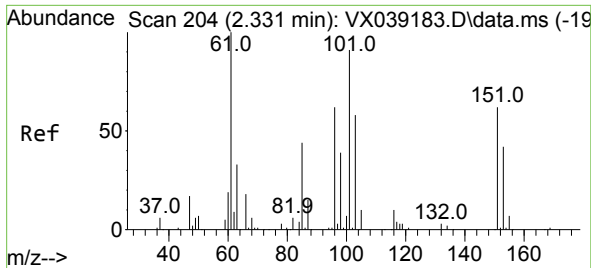
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#8
Diethyl Ether
Concen: 21.188 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039507.D
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Tgt Ion: 74 Resp: 14803
Ion Ratio Lower Upper
74 100
45 107.1 53.3 159.8





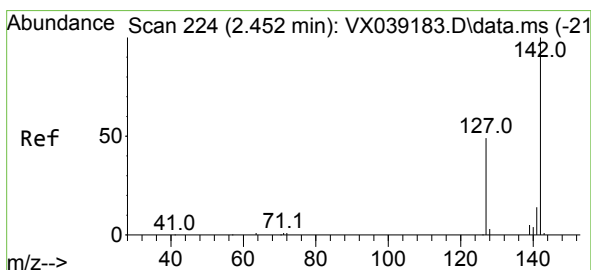
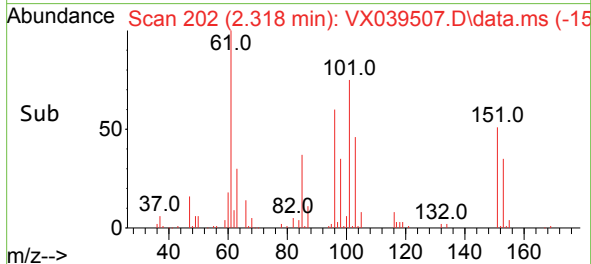
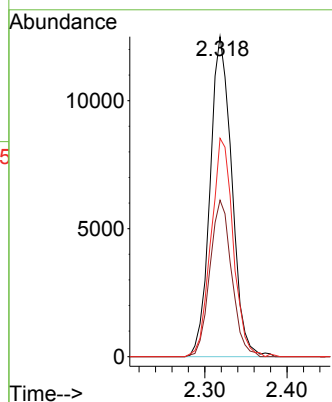
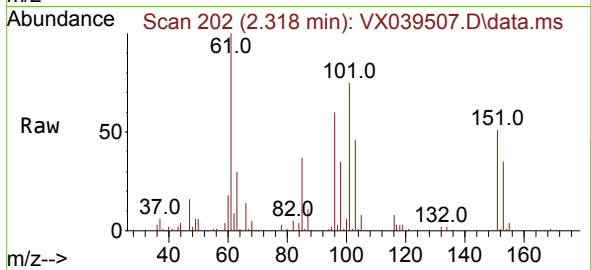
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.655 ug/l
RT: 2.318 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tgt Ion:101 Resp: 22980
Ion Ratio Lower Upper
101 100
85 48.8 37.0 55.6
151 69.6 58.6 87.8

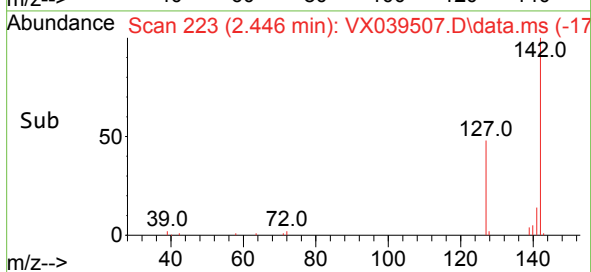
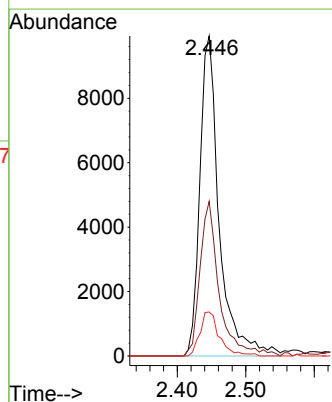
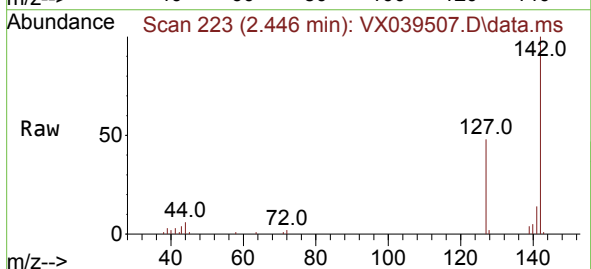
Manual Integrations
APPROVED

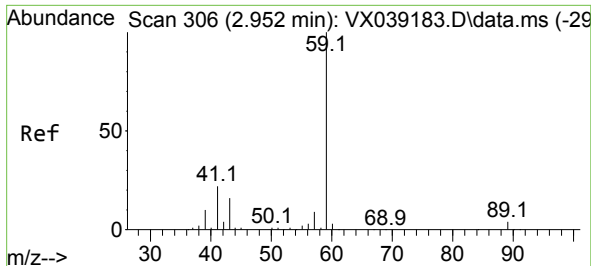
Reviewed By :John Carbone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#10
Methyl Iodide
Concen: 15.339 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Tgt Ion:142 Resp: 19530
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 13.9 11.6 17.4





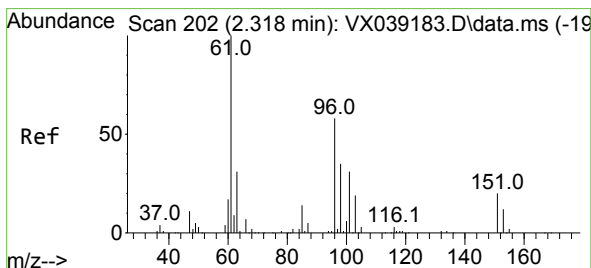
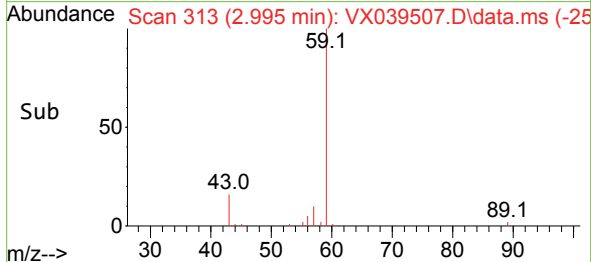
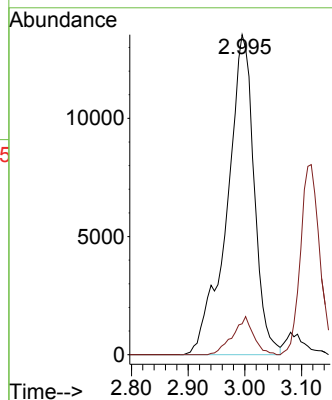
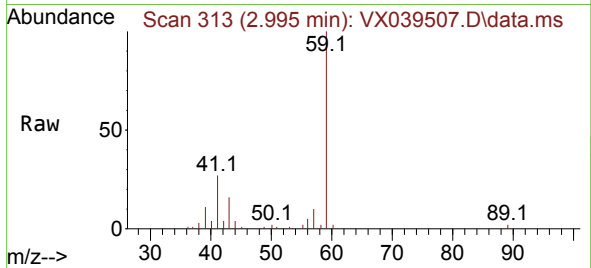
#11
Tert butyl alcohol
Concen: 102.927 ug/l
RT: 2.995 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tgt Ion: 59 Resp: 4505
Ion Ratio Lower Upper
59 100
57 9.1 6.0 9.0

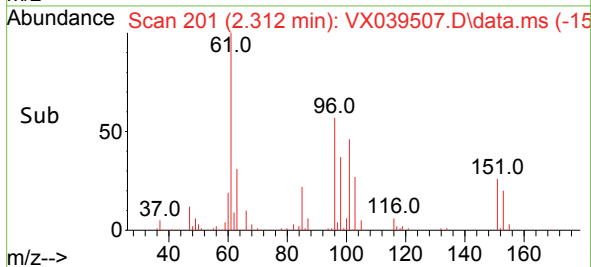
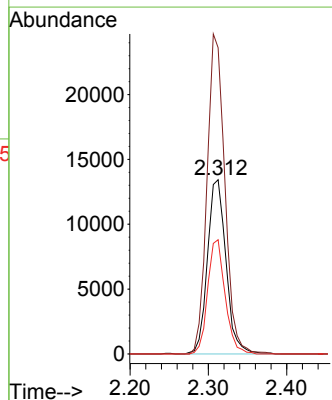
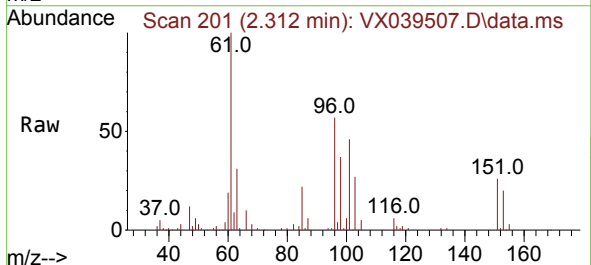
Manual Integrations
APPROVED

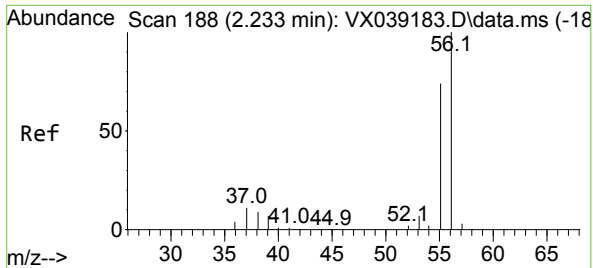
Reviewed By :John Carbone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#12
1,1-Dichloroethene
Concen: 18.040 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

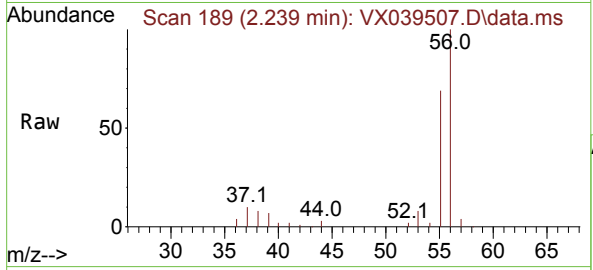
Tgt Ion: 96 Resp: 22074
Ion Ratio Lower Upper
96 100
61 175.8 144.6 216.8
98 65.5 50.4 75.6





#13
Acrolein
Concen: 112.545 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

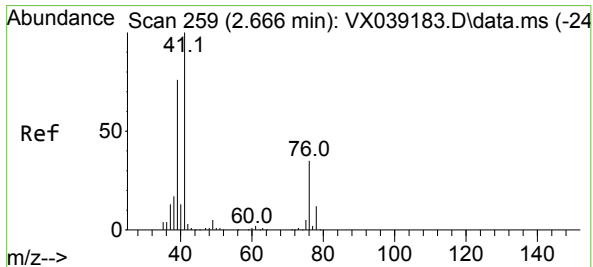
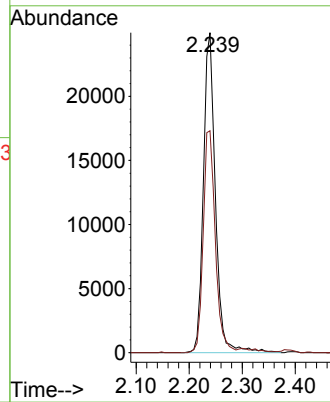
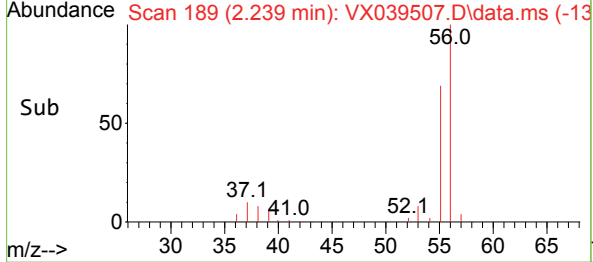
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 56 Resp: 39300
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7

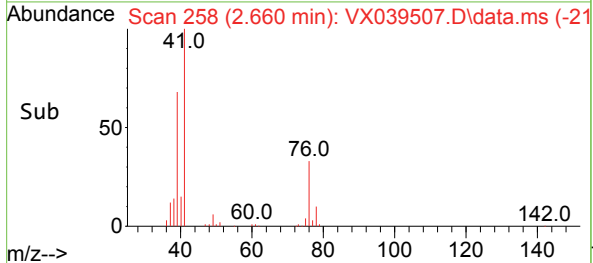
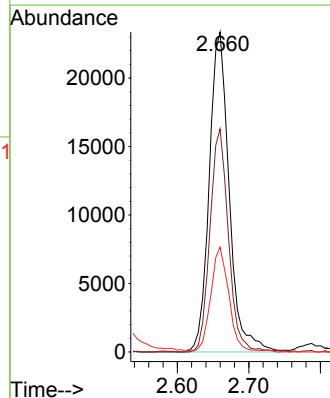
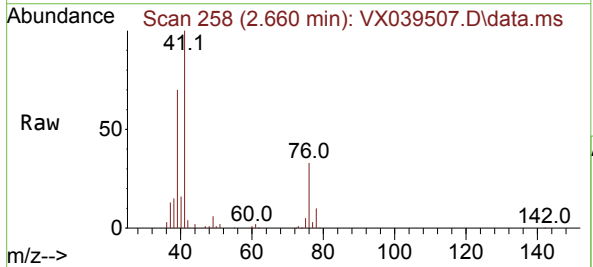
Manual Integrations
APPROVED

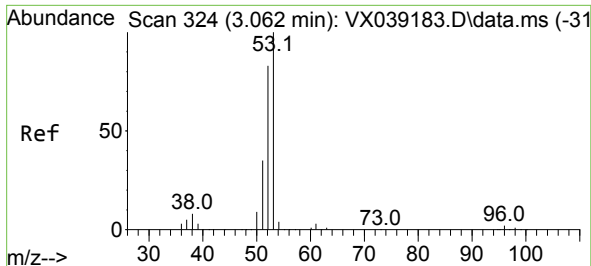
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#14
Allyl chloride
Concen: 18.301 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

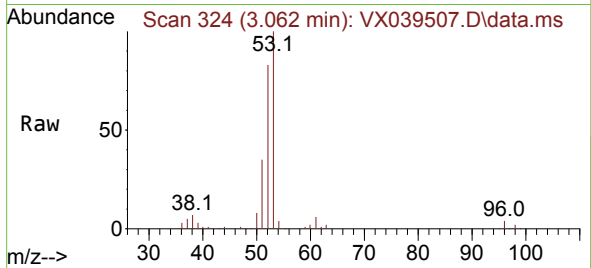
Tgt Ion: 41 Resp: 45363
Ion Ratio Lower Upper
41 100
39 64.5 55.8 83.6
76 30.1 24.3 36.5





#15
Acrylonitrile
Concen: 102.627 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

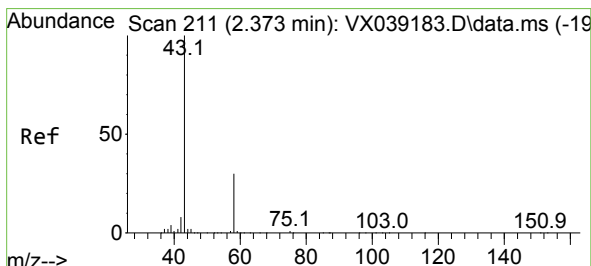
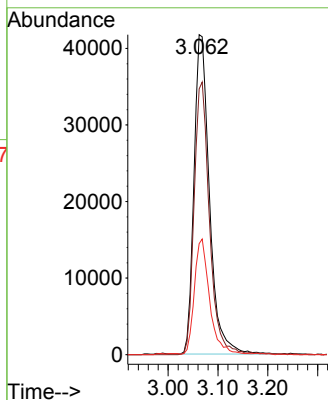
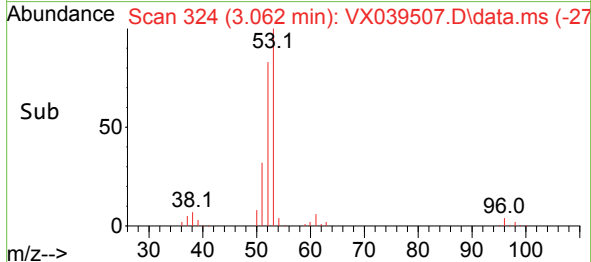
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 53 Resp: 89910
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 35.3 29.8 44.6

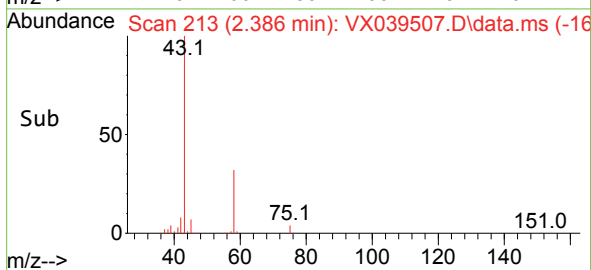
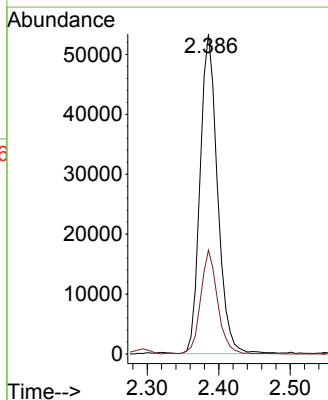
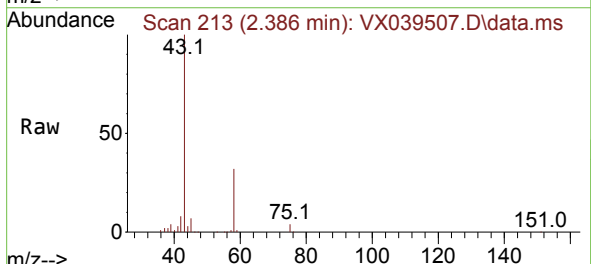
Manual Integrations
APPROVED

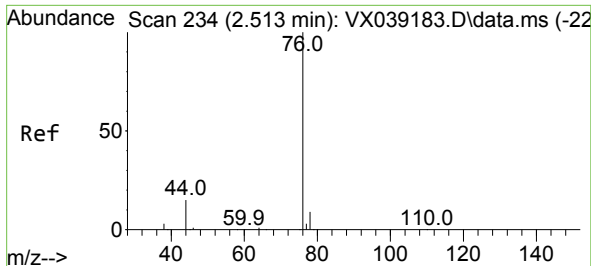
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#16
Acetone
Concen: 72.328 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

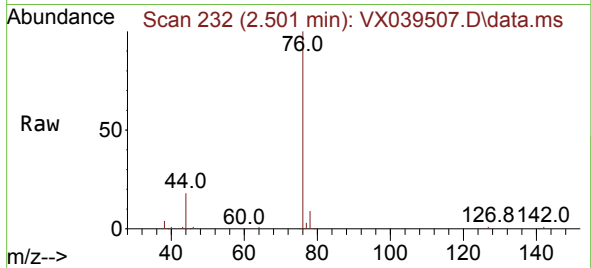
Tgt Ion: 43 Resp: 90219
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9





#17
Carbon Disulfide
Concen: 15.859 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

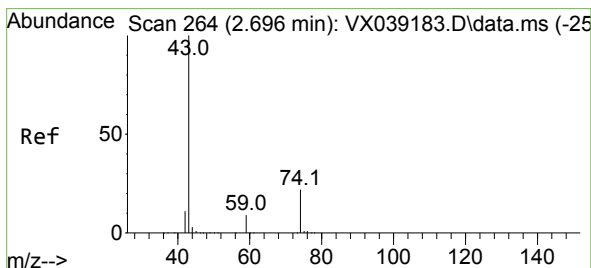
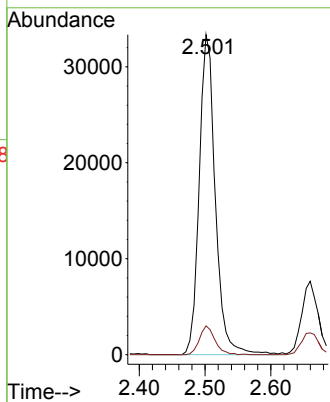
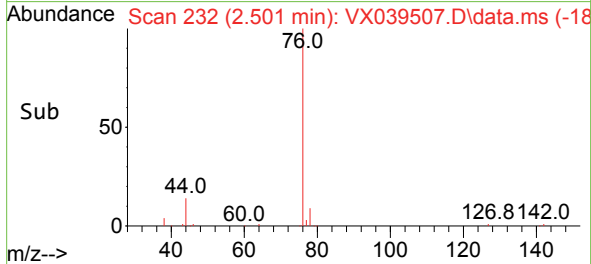
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 76 Resp: 5678
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

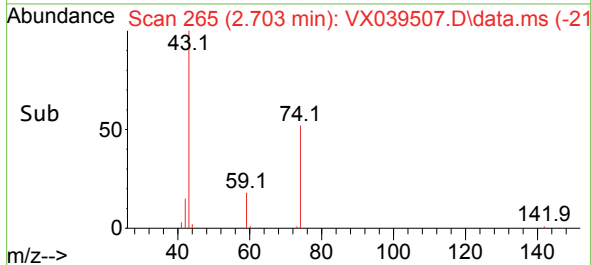
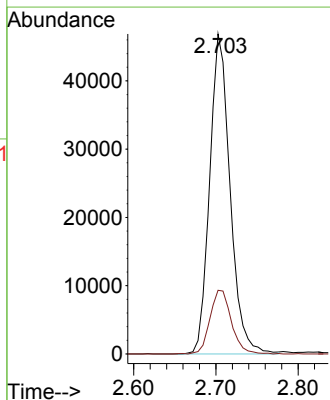
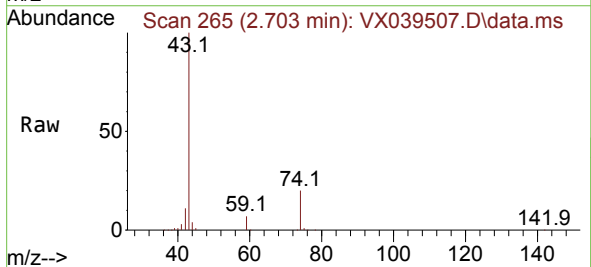
Manual Integrations
APPROVED

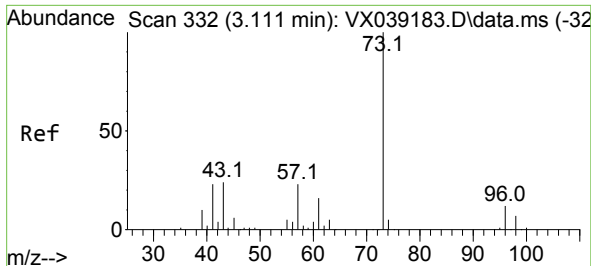
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#18
Methyl Acetate
Concen: 21.464 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

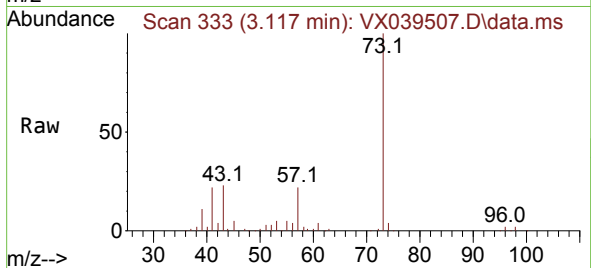
Tgt Ion: 43 Resp: 80924
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 19.183 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

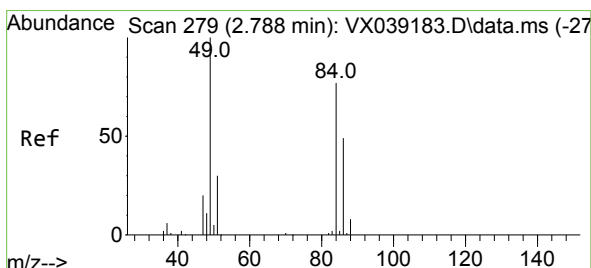
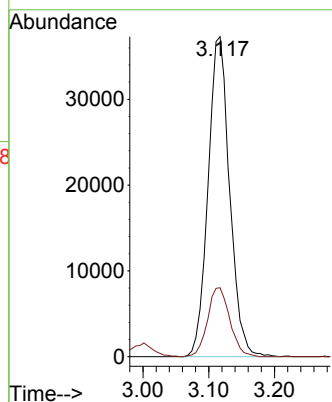
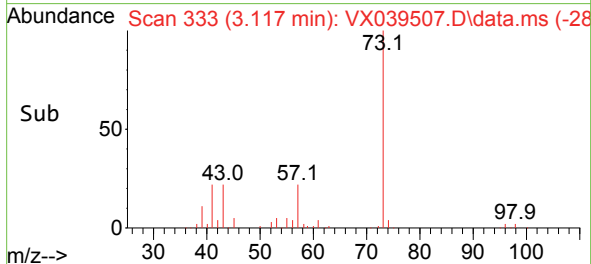
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 73 Resp: 8489
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

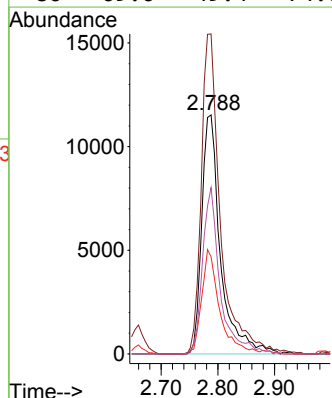
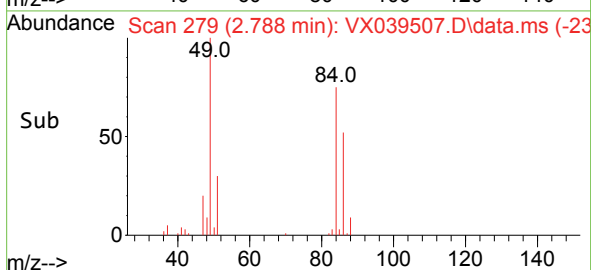
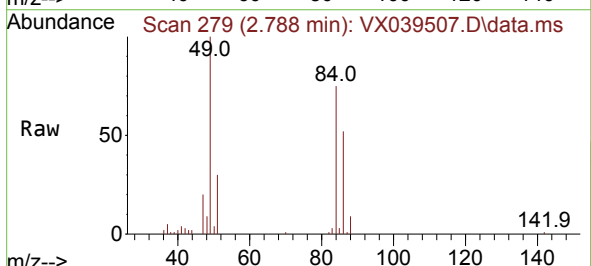
Manual Integrations
APPROVED

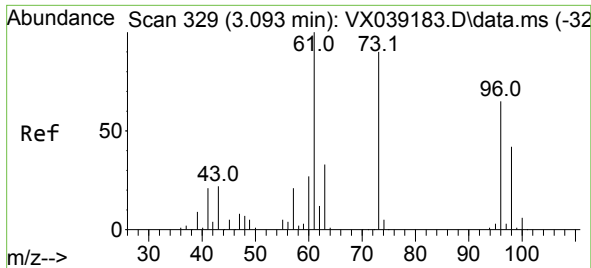
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#20
Methylene Chloride
Concen: 18.321 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

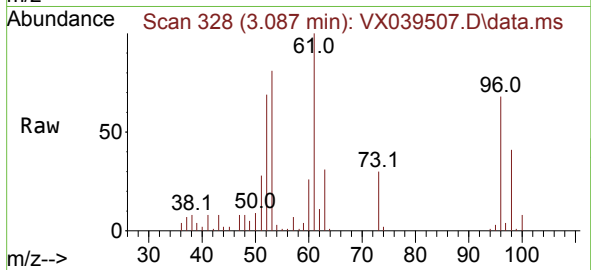
Tgt Ion: 84 Resp: 26622
Ion Ratio Lower Upper
84 100
49 133.8 103.6 155.4
51 40.6 33.8 50.6
86 69.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.818 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

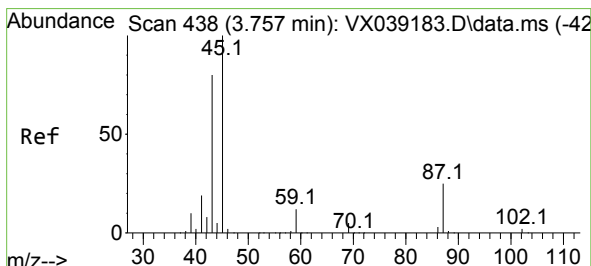
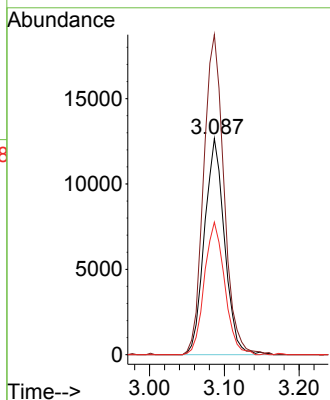
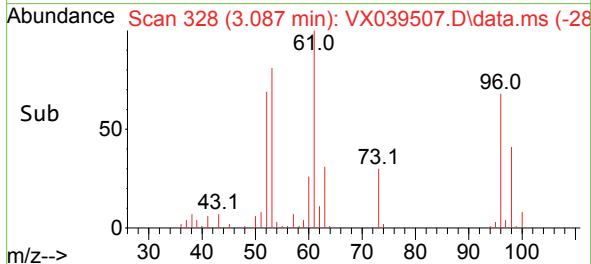
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 96 Resp: 2372
Ion Ratio Lower Upper
96 100
61 148.0 119.2 178.8
98 61.3 48.7 73.1

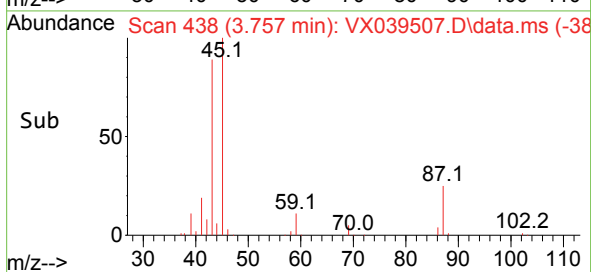
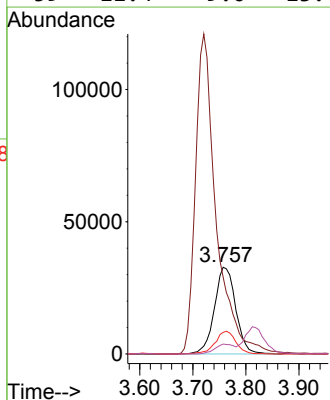
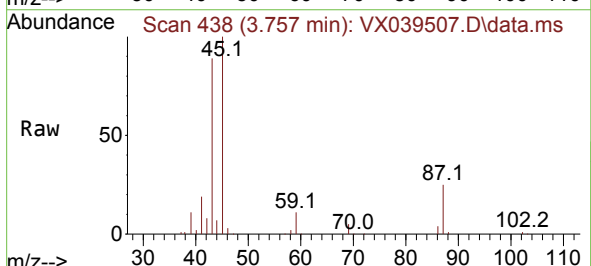
Manual Integrations
APPROVED

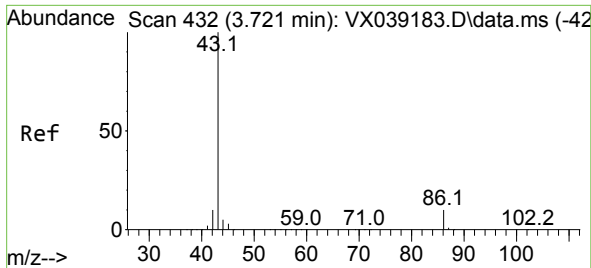
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#22
Diisopropyl ether
Concen: 20.229 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

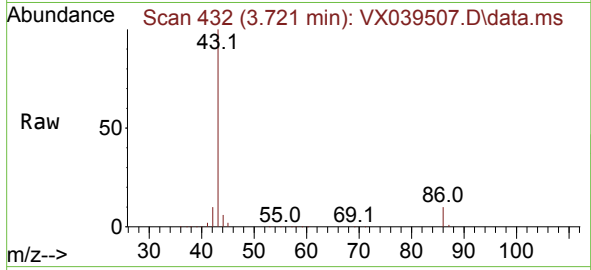
Tgt Ion: 45 Resp: 91276
Ion Ratio Lower Upper
45 100
43 88.4 69.7 104.5
87 24.9 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 98.085 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039507.D
 Acq: 28 Dec 2023 11:43

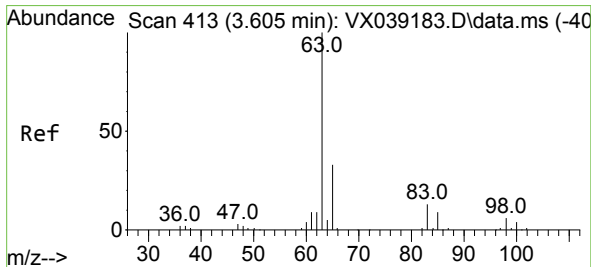
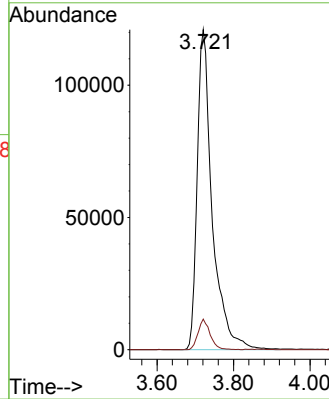
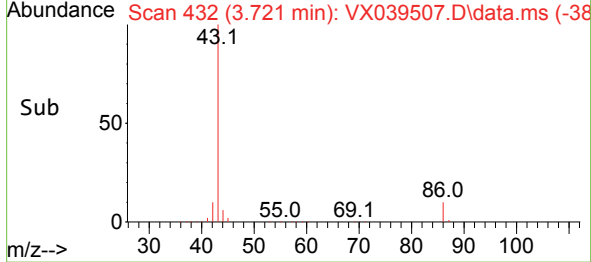
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01



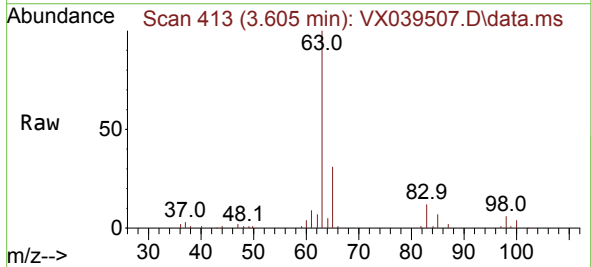
Tgt Ion: 43 Resp: 329470
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

Manual Integrations
 APPROVED

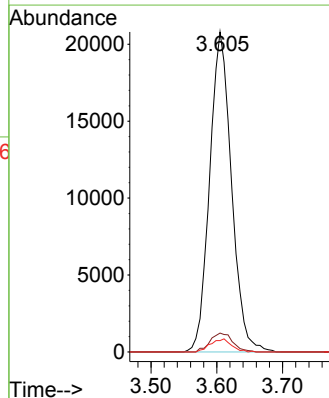
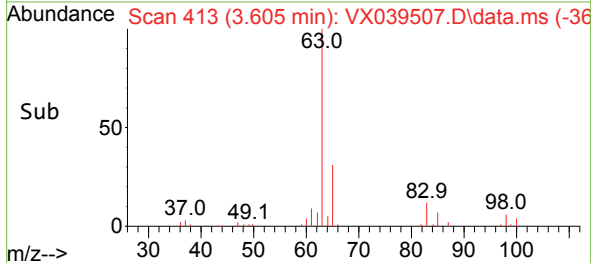
Reviewed By :John Carlone 12/29/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

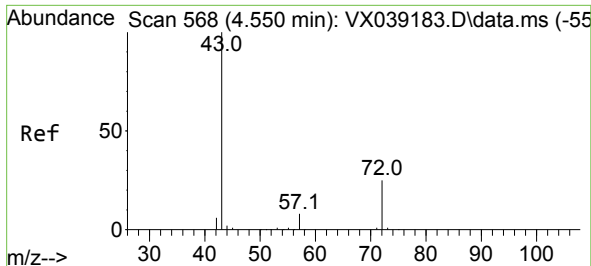


#24
 1,1-Dichloroethane
 Concen: 18.860 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039507.D
 Acq: 28 Dec 2023 11:43



Tgt Ion: 63 Resp: 48105
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.6 2.1 6.5





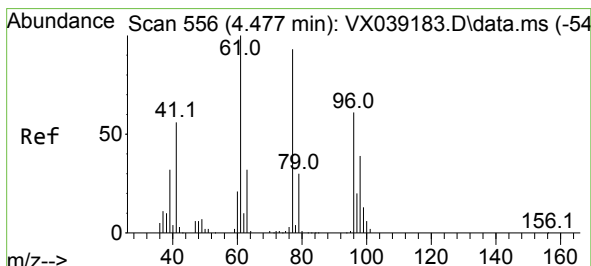
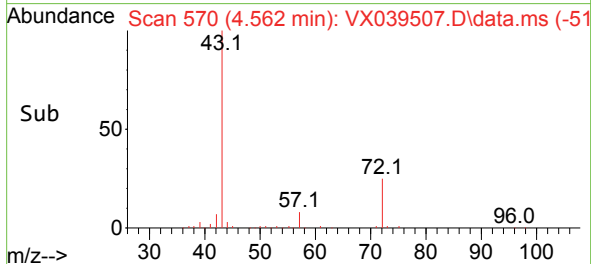
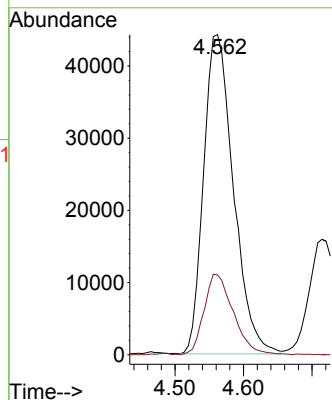
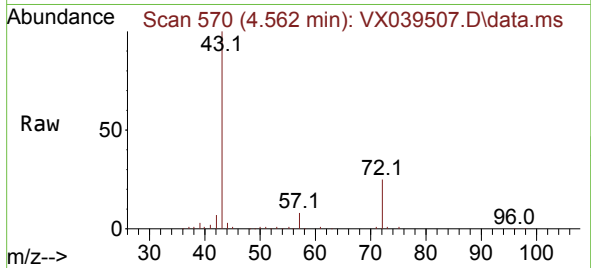
#25
2-Butanone
Concen: 88.962 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tgt Ion: 43 Resp: 133812
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

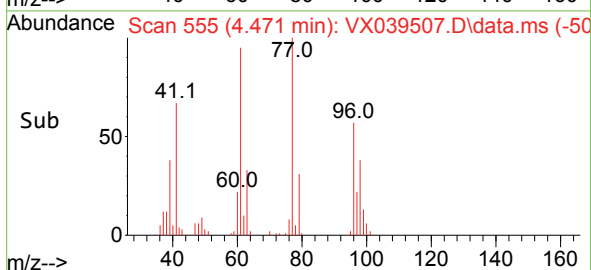
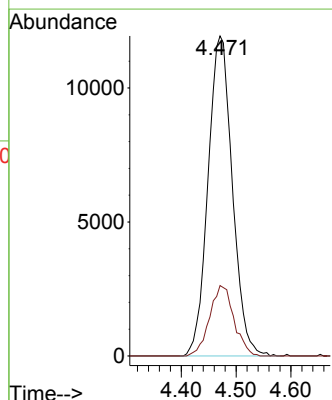
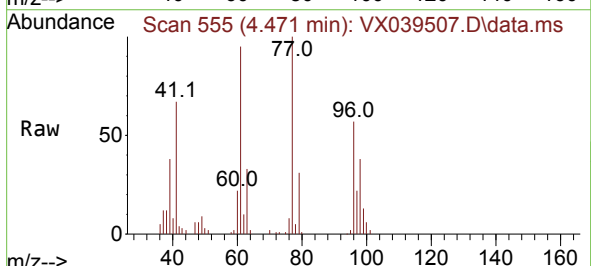
Manual Integrations
APPROVED

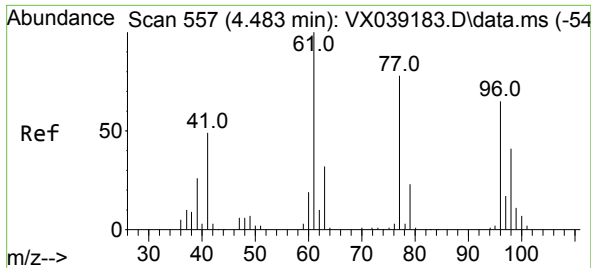
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#26
2,2-Dichloropropane
Concen: 16.525 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

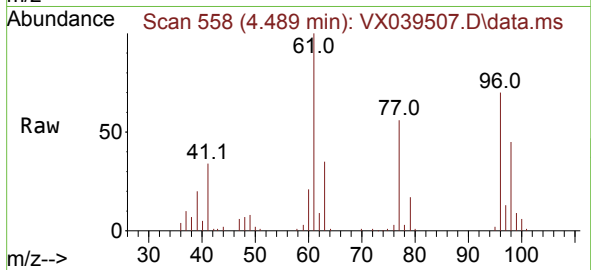
Tgt Ion: 77 Resp: 36797
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 18.885 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

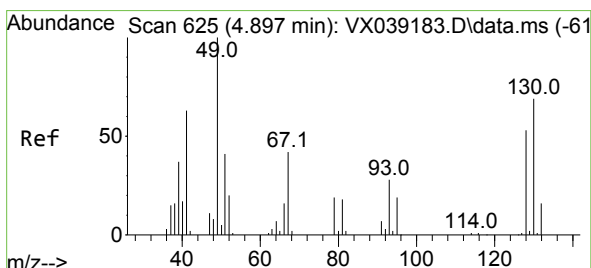
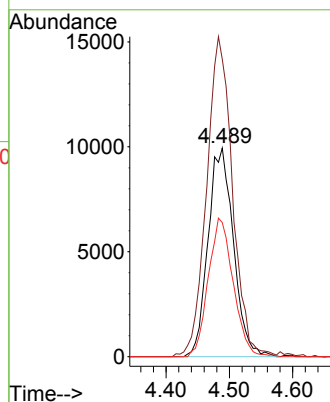
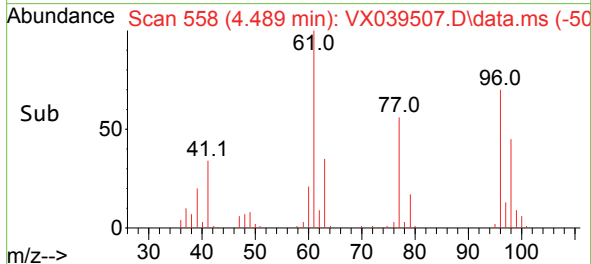
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 96 Resp: 2775
Ion Ratio Lower Upper
96 100
61 155.8 0.0 312.2
98 65.1 0.0 129.0

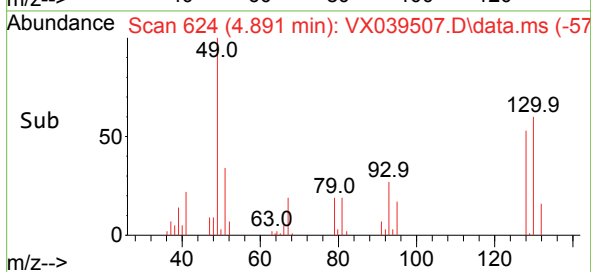
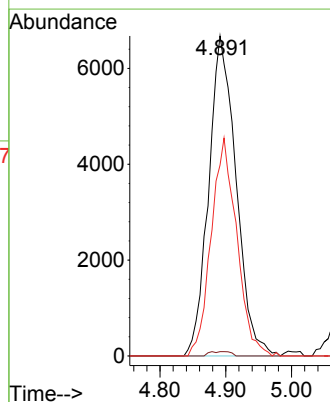
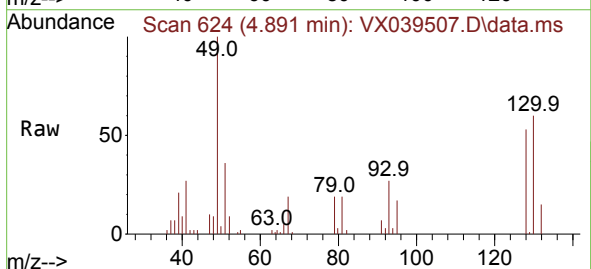
Manual Integrations
APPROVED

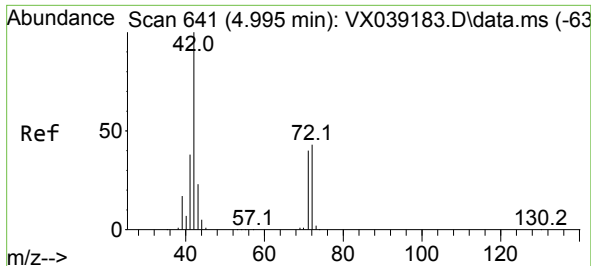
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#28
Bromochloromethane
Concen: 15.580 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Tgt Ion: 49 Resp: 19389
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 63.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 104.034 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX039507.D

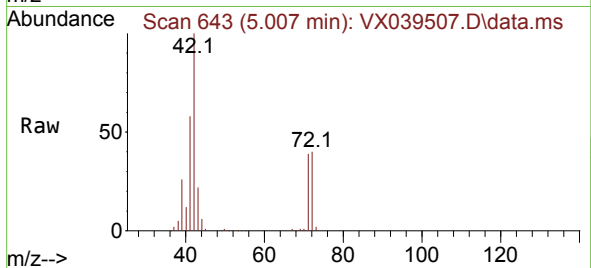
Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01



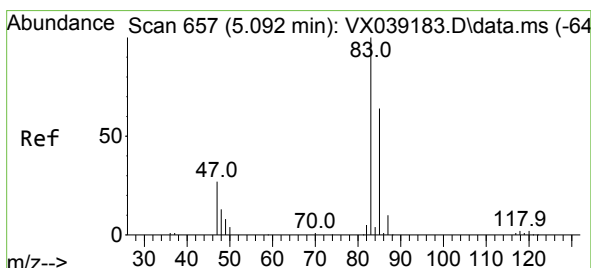
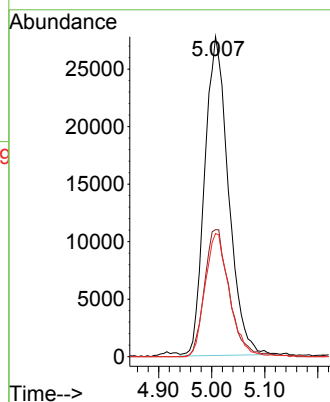
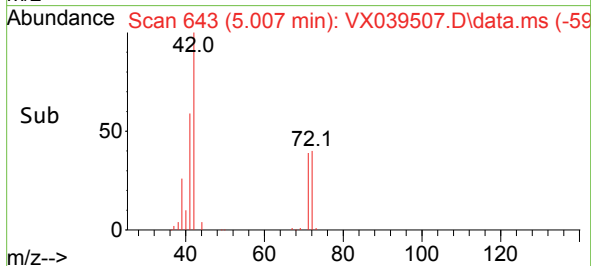
Tgt Ion:	42	Resp:	8641
Ion Ratio	Lower	Upper	
42	100		
72	41.6	34.2	51.4
71	39.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#30

Chloroform

Concen: 18.551 ug/l

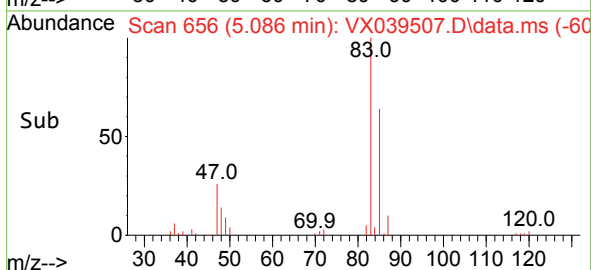
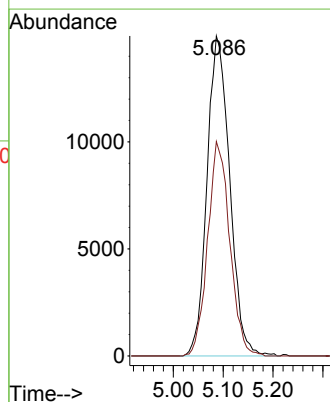
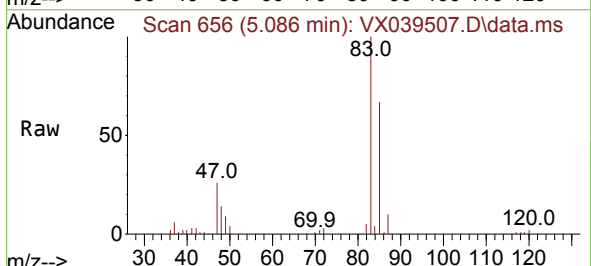
RT: 5.086 min Scan# 656

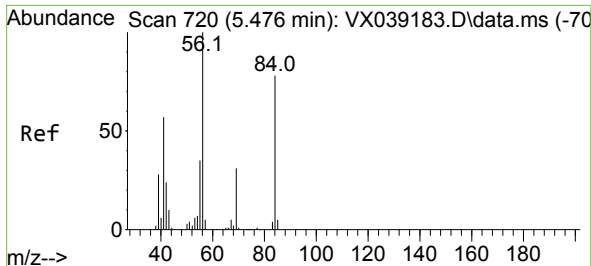
Delta R.T. -0.006 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

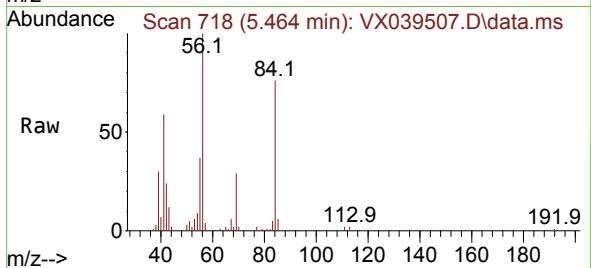
Tgt Ion:	83	Resp:	47283
Ion Ratio	Lower	Upper	
83	100		
85	67.0	50.3	75.5





#31
Cyclohexane
Concen: 18.821 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

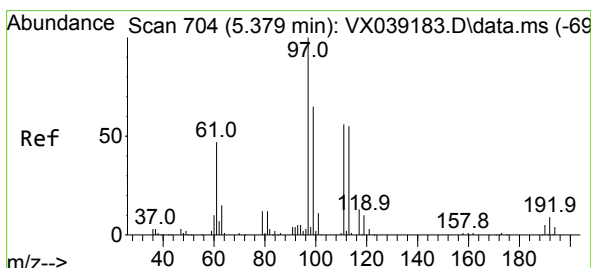
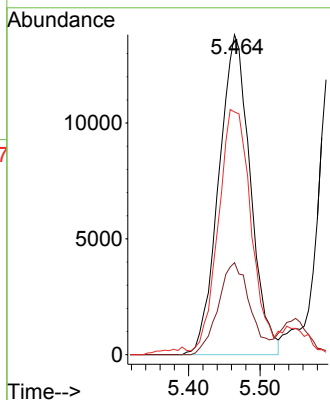
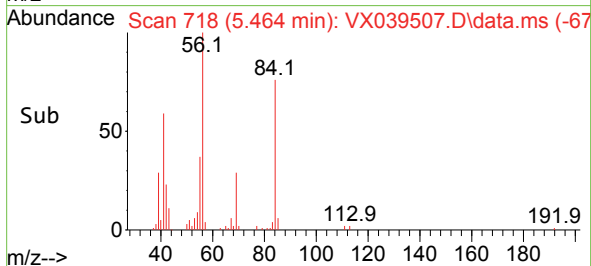
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 56 Resp: 4237
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 74.6 65.9 98.9

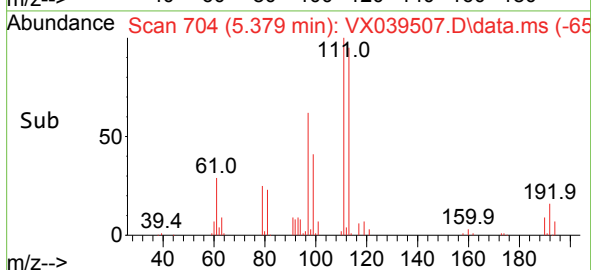
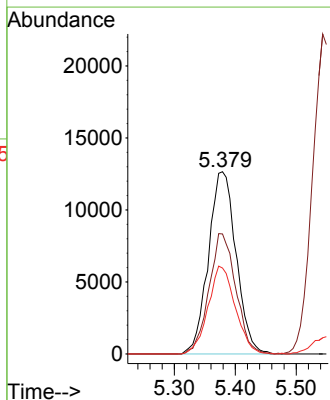
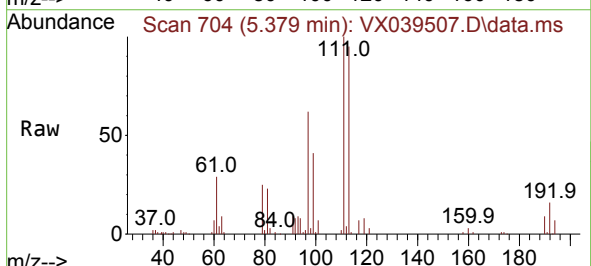
Manual Integrations
APPROVED

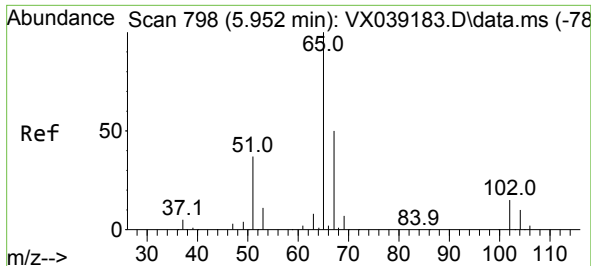
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#32
1,1,1-Trichloroethane
Concen: 18.047 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Tgt Ion: 97 Resp: 39932
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 47.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.971 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tgt Ion: 65 Resp: 8187

Ion Ratio Lower Upper

65 100

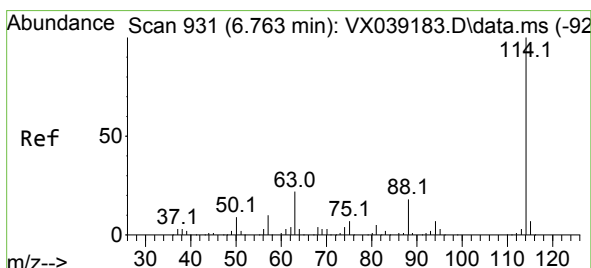
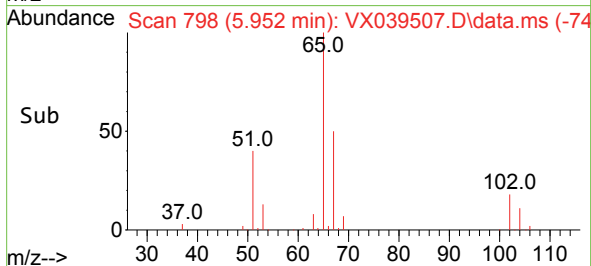
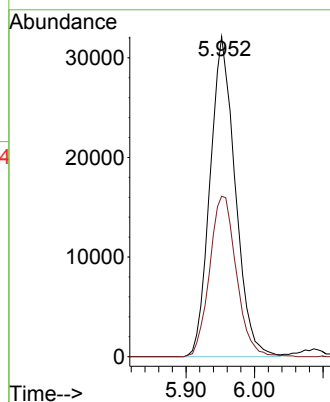
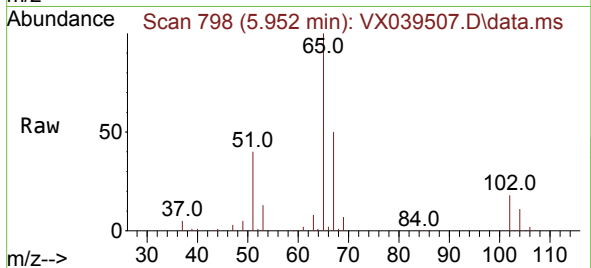
67 53.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

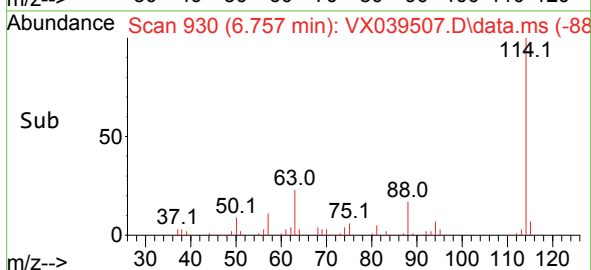
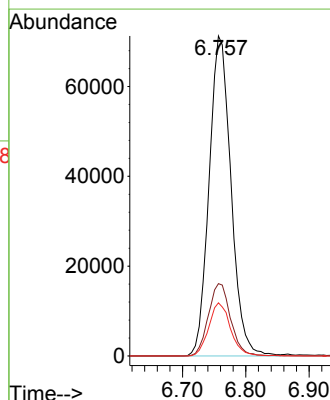
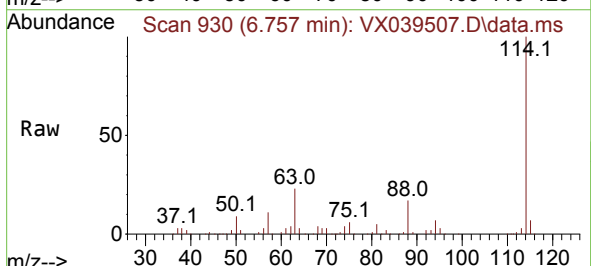
Tgt Ion:114 Resp: 171386

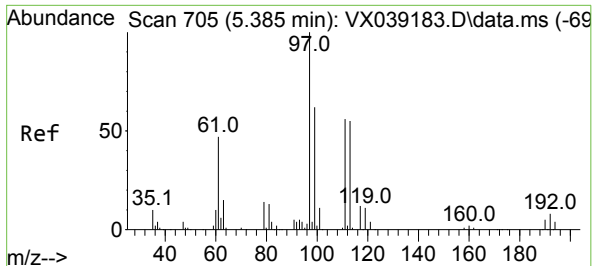
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.879 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

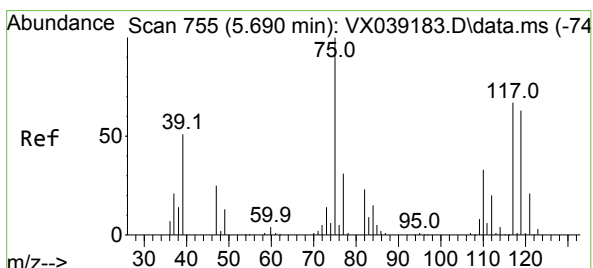
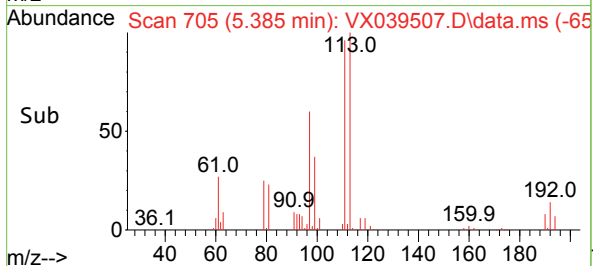
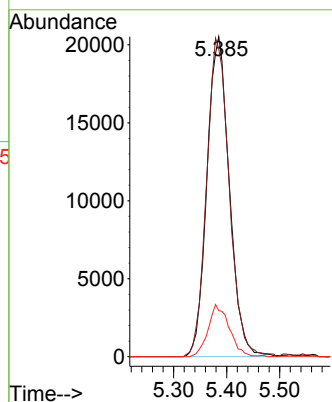
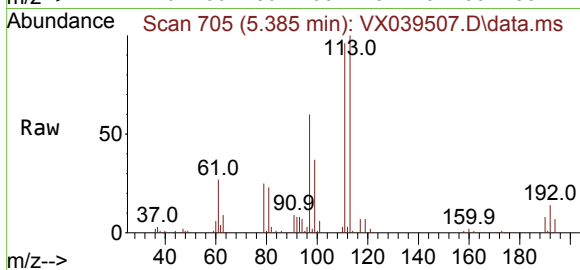
Tgt Ion:	113	Resp:	6024
Ion Ratio	Lower	Upper	
113	100		
111	100.2	82.9	124.3
192	15.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#36

1,1-Dichloropropene

Concen: 18.226 ug/l

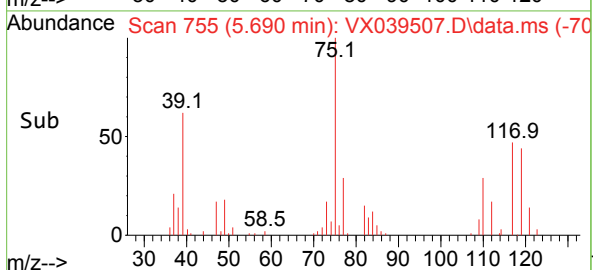
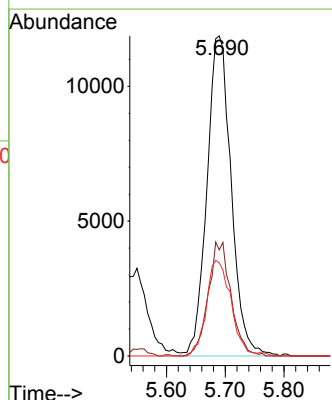
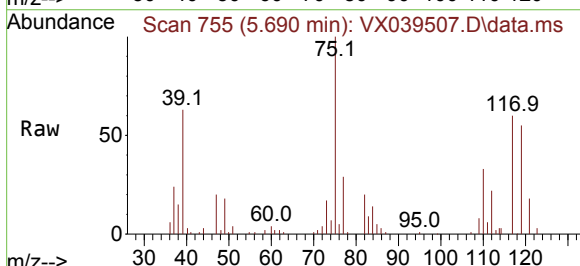
RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

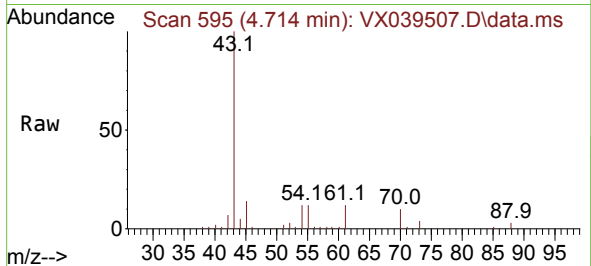
Tgt Ion:	75	Resp:	34054
Ion Ratio	Lower	Upper	
75	100		
110	33.5	17.0	50.9
77	30.0	24.7	37.1





#37
Ethyl Acetate
Concen: 20.357 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

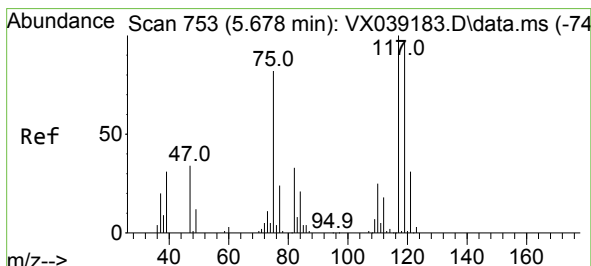
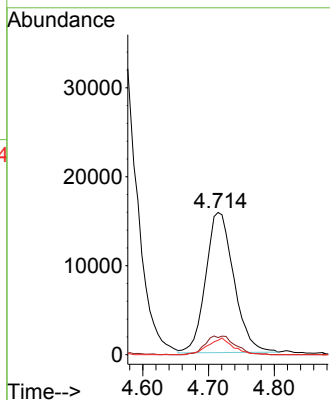
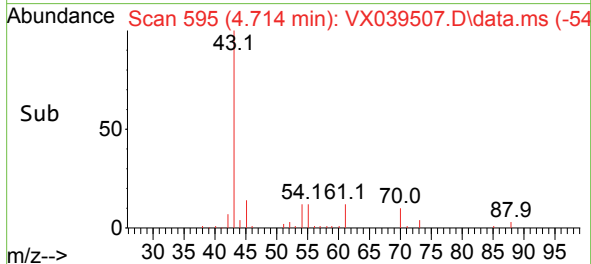
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 43 Resp: 46990
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 10.6 8.3 12.5

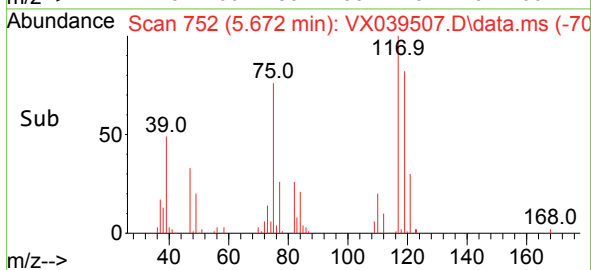
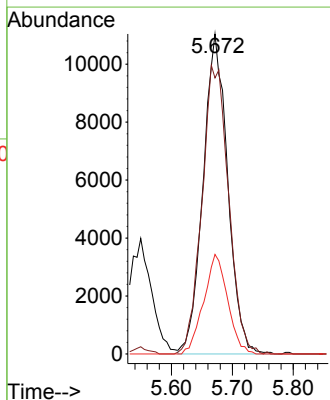
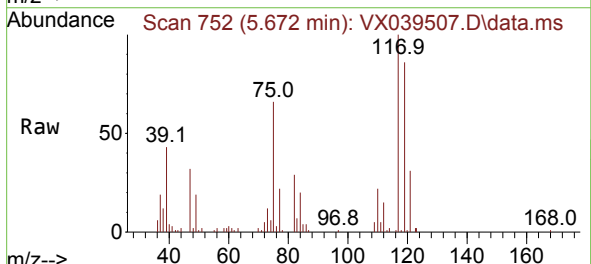
Manual Integrations
APPROVED

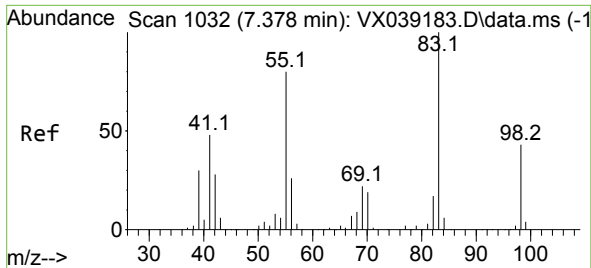
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#38
Carbon Tetrachloride
Concen: 17.390 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Tgt Ion:117 Resp: 31007
Ion Ratio Lower Upper
117 100
119 86.2 78.2 117.2
121 31.1 24.4 36.6





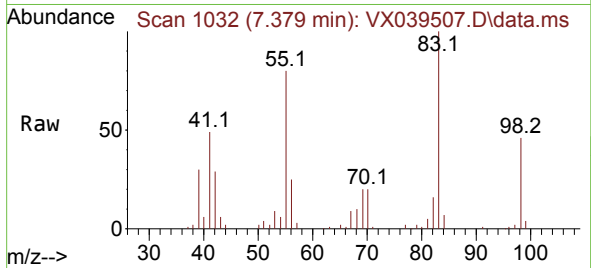
#39
Methylcyclohexane
Concen: 18.702 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01



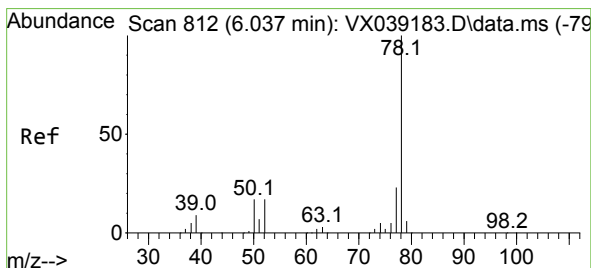
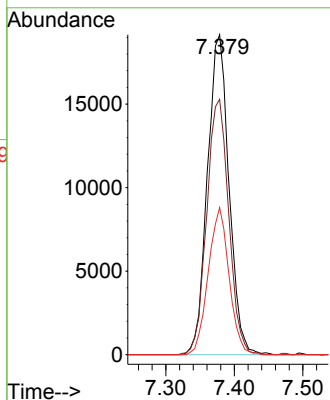
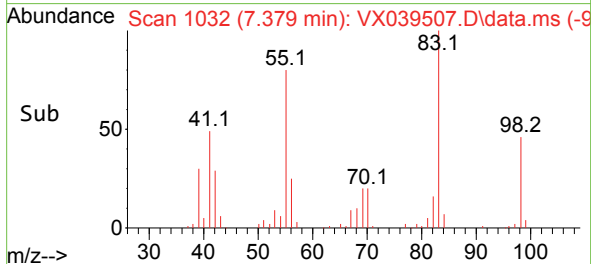
Tgt Ion: 83 Resp: 4197
Ion Ratio Lower Upper
83 100
55 79.8 64.6 97.0
98 46.0 36.7 55.1

Manual Integrations

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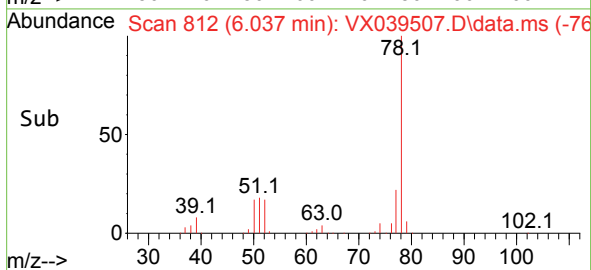
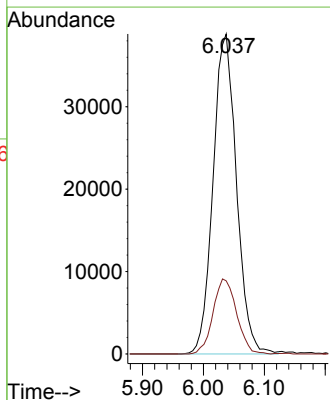
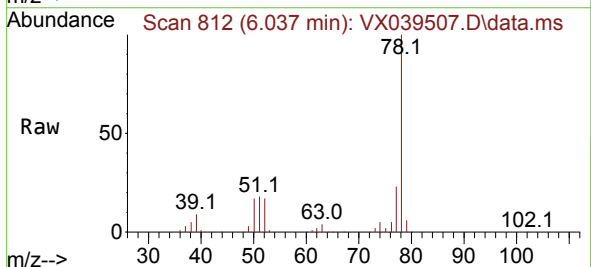
Reviewed By :John Carlone 12/29/2023

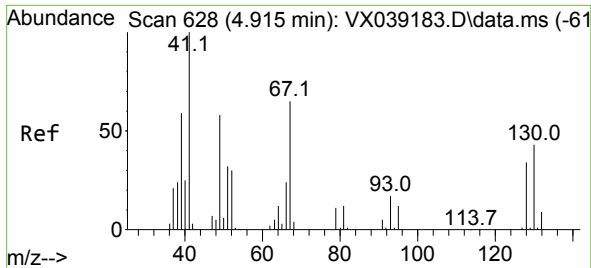
Supervised By :Semsettin Yesilyurt 01/01/2024



#40
Benzene
Concen: 19.622 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

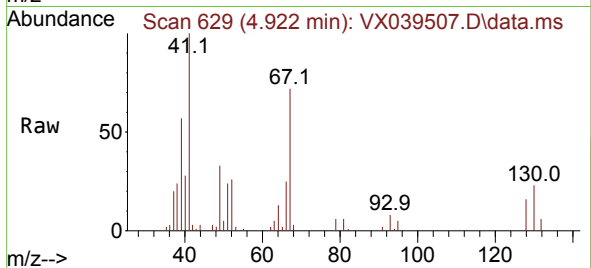
Tgt Ion: 78 Resp: 103706
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 20.437 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

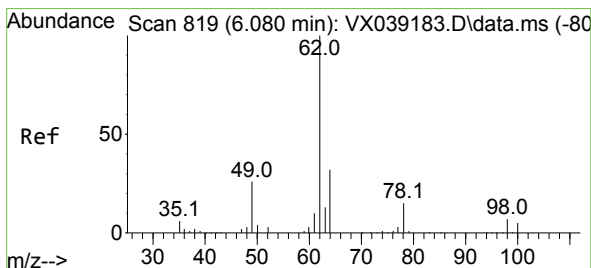
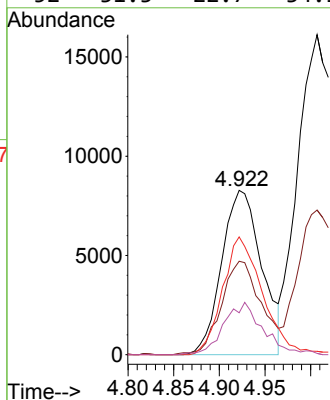
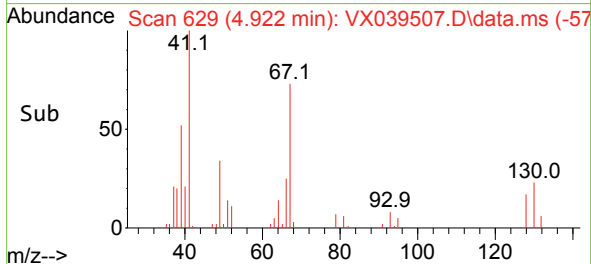
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 41 Resp: 2517
Ion Ratio Lower Upper
41 100
39 56.5 45.2 67.8
67 72.4 52.6 78.8
52 31.3 22.7 34.1

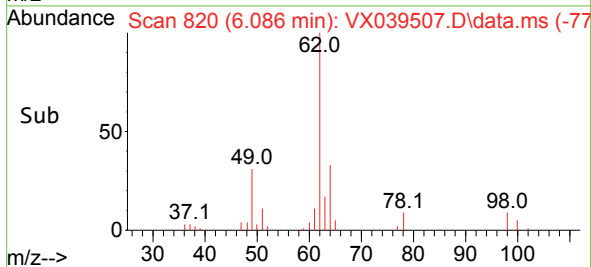
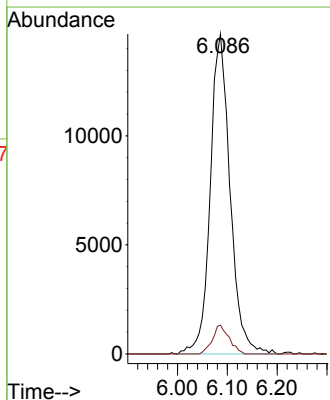
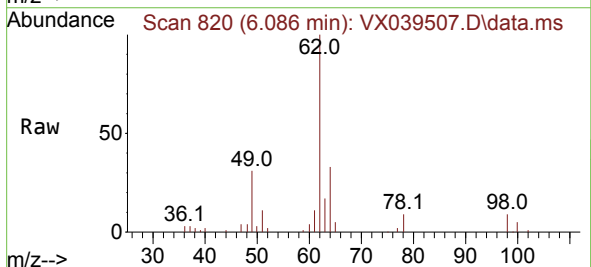
Manual Integrations
APPROVED

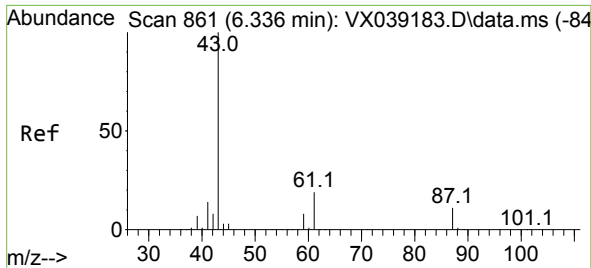
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#42
1,2-Dichloroethane
Concen: 18.954 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

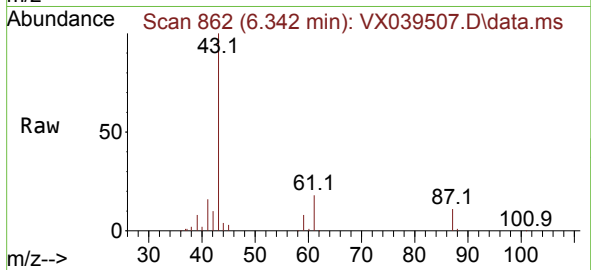
Tgt Ion: 62 Resp: 40550
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.511 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

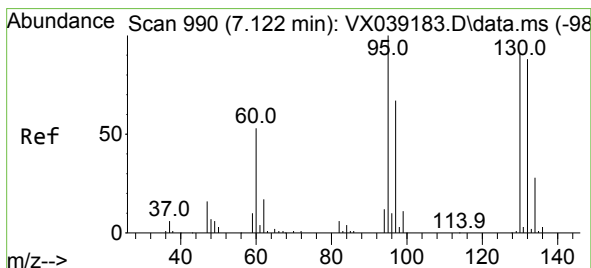
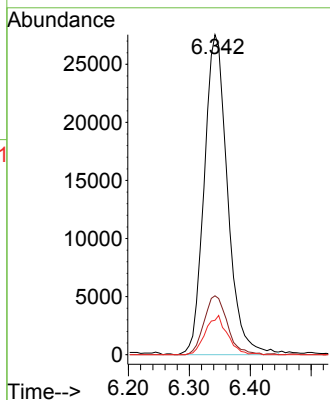
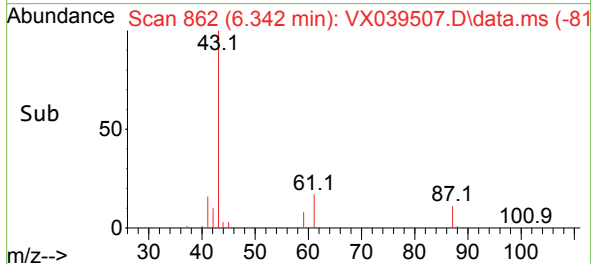
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 43 Resp: 73239
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 11.5 9.8 14.6

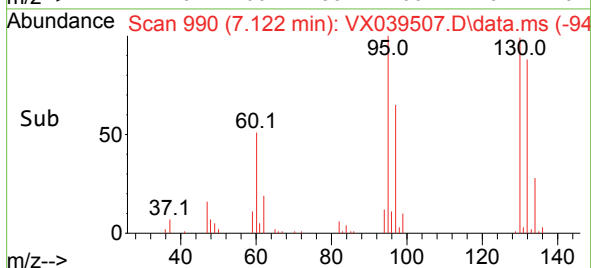
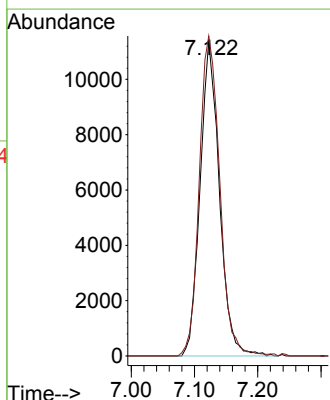
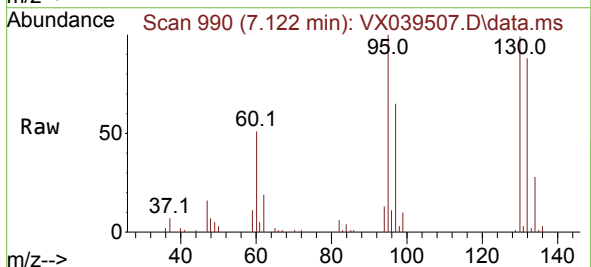
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#44
Trichloroethene
Concen: 18.147 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

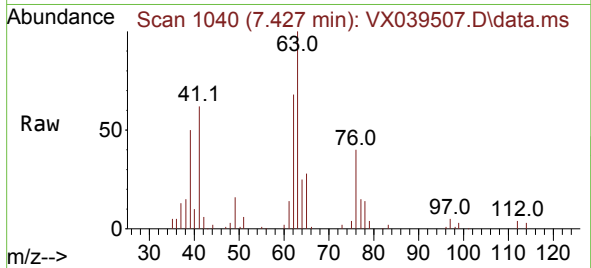
Tgt Ion:130 Resp: 24203
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.4





#45
1,2-Dichloropropane
Concen: 20.379 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

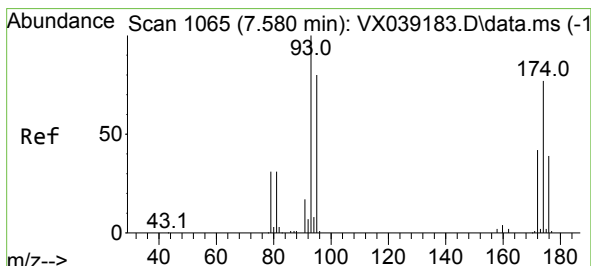
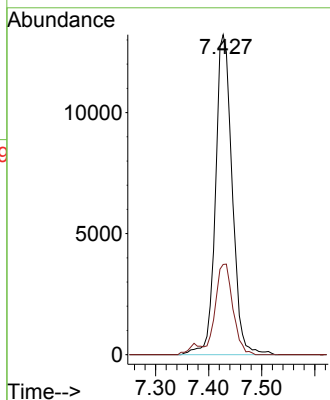
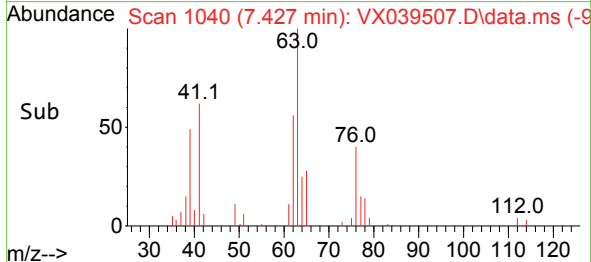
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 63 Resp: 2890
Ion Ratio Lower Upper
63 100
65 28.2 24.3 36.5

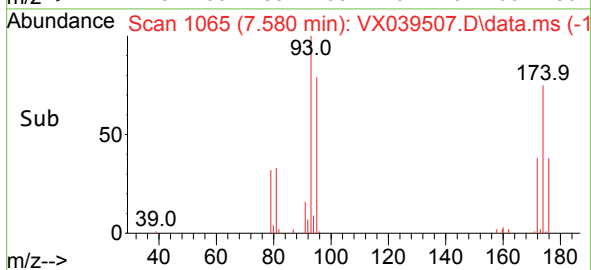
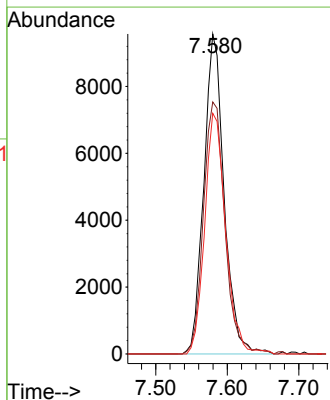
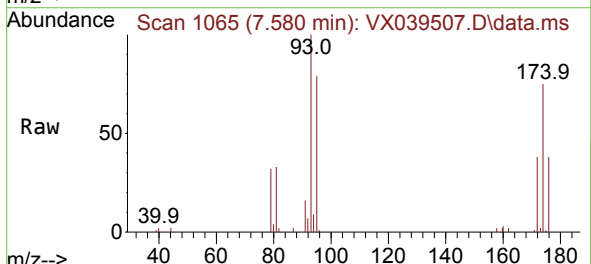
Manual Integrations
APPROVED

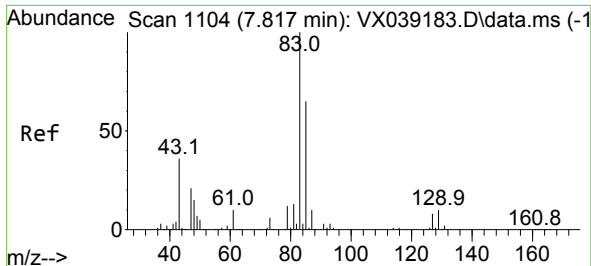
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#46
Dibromomethane
Concen: 18.895 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

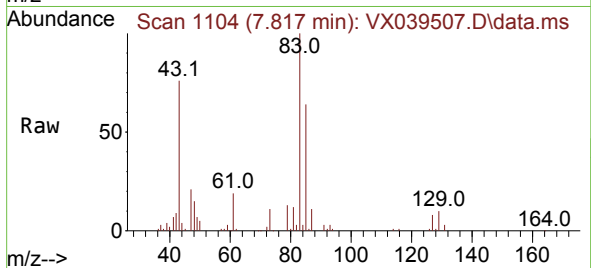
Tgt Ion: 93 Resp: 18841
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 77.9 69.4 104.0





#47
Bromodichloromethane
Concen: 18.320 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

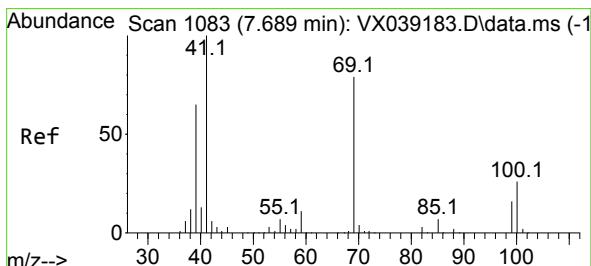
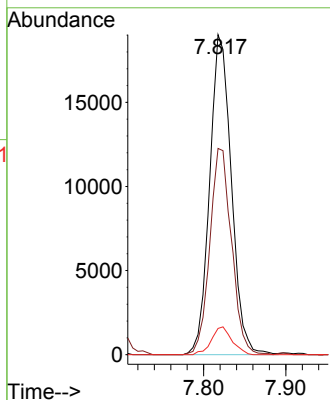
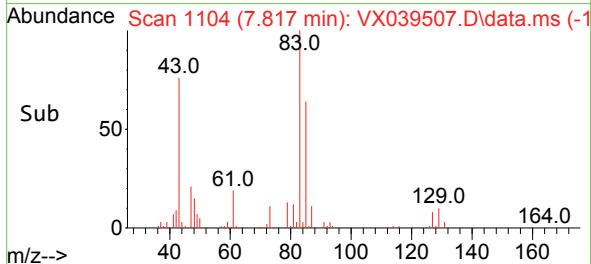
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 83 Resp: 3492
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 8.2 7.1 10.7

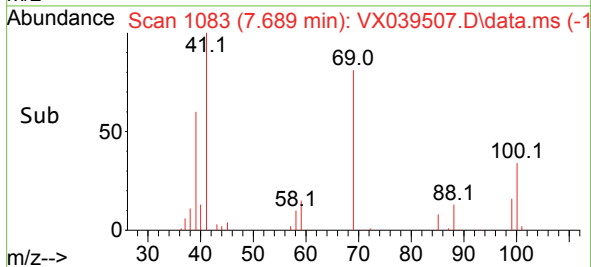
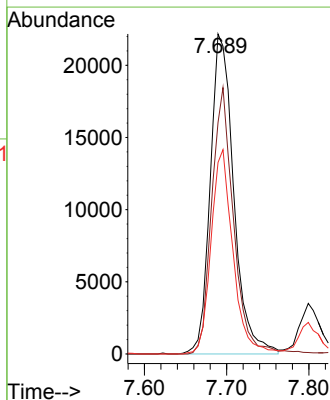
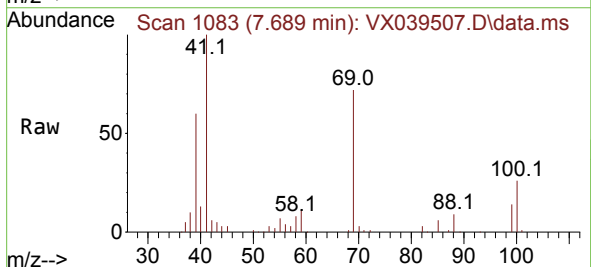
Manual Integrations
APPROVED

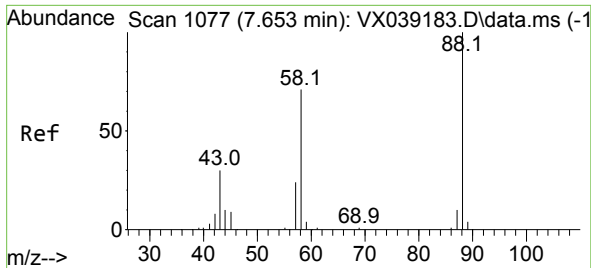
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#48
Methyl methacrylate
Concen: 20.038 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

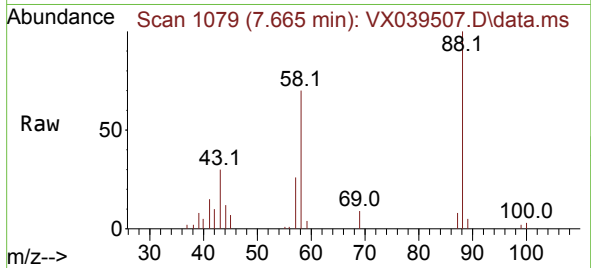
Tgt Ion: 41 Resp: 43972
Ion Ratio Lower Upper
41 100
69 78.0 59.2 88.8
39 59.9 47.7 71.5





#49
1,4-Dioxane
Concen: 470.277 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.012 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

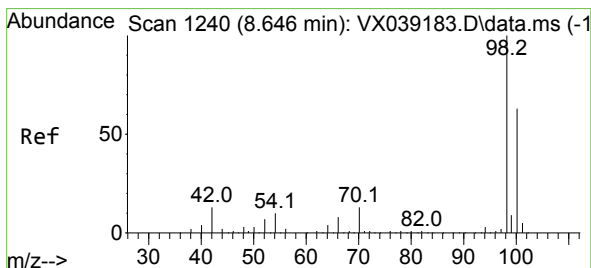
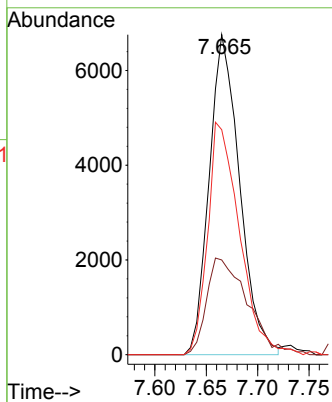
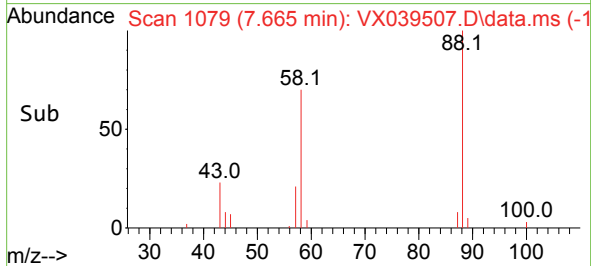
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 88 Resp: 1391
Ion Ratio Lower Upper
88 100
43 40.7 0.0 0.0
58 75.8 60.1 90.1

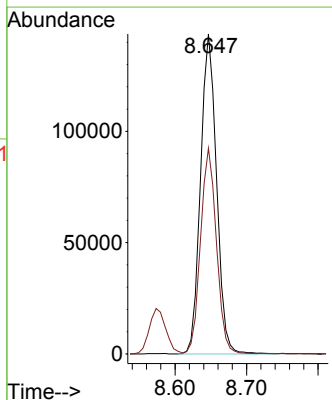
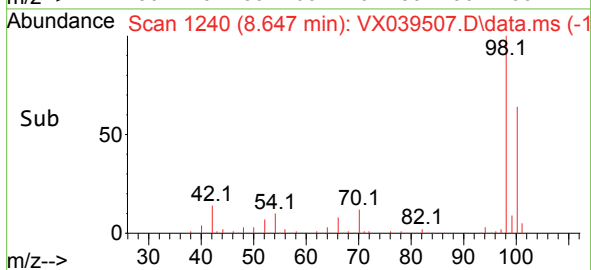
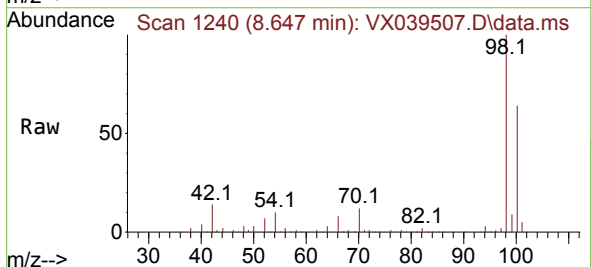
Manual Integrations
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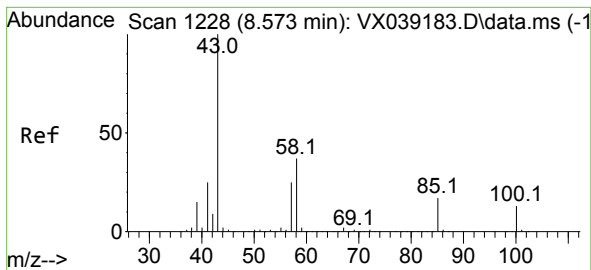
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#50
Toluene-d8
Concen: 50.831 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

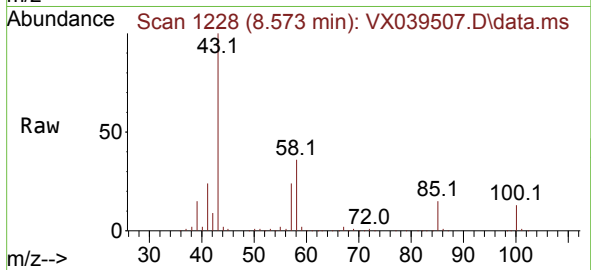
Tgt Ion: 98 Resp: 223439
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 108.648 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

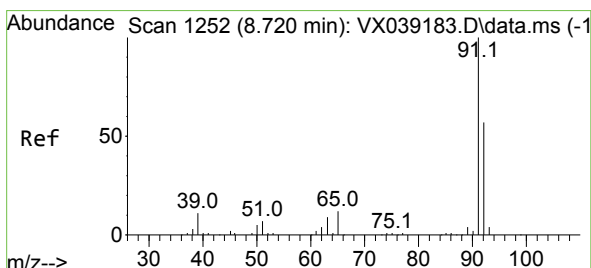
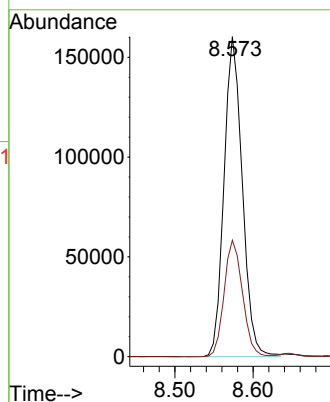
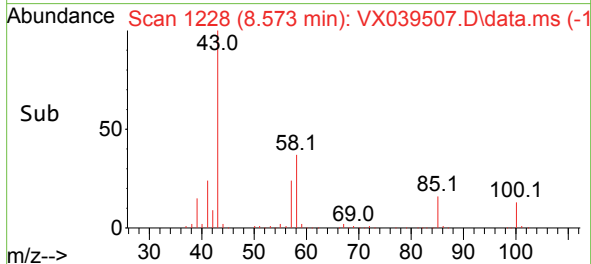
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion: 43 Resp: 259849
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

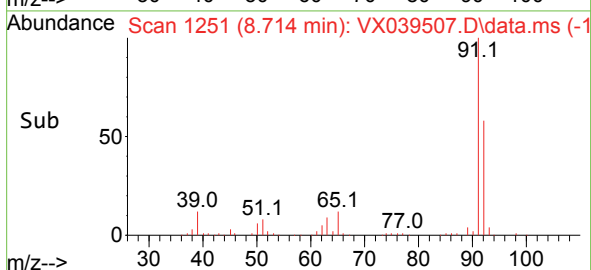
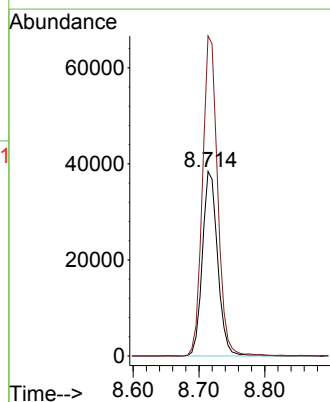
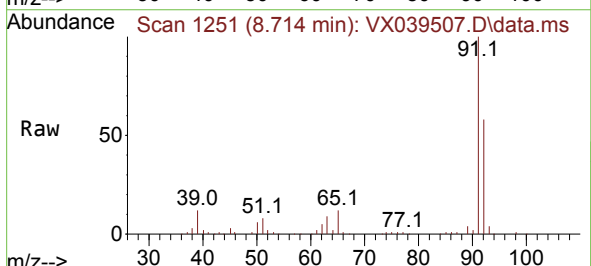
Manual Integrations
APPROVED

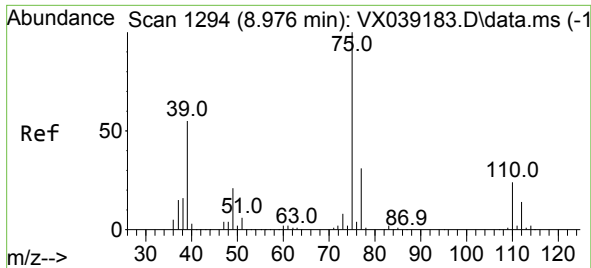
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#52
Toluene
Concen: 19.424 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Tgt Ion: 92 Resp: 61962
Ion Ratio Lower Upper
92 100
91 172.4 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 17.074 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039507.D
 Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

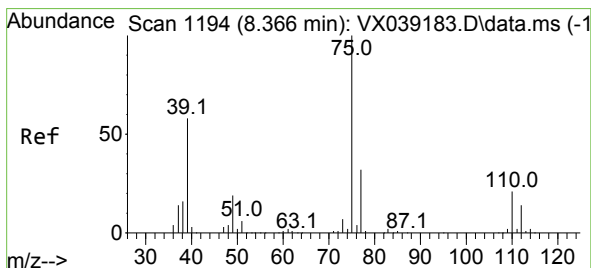
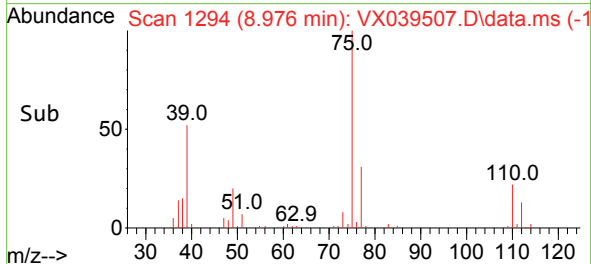
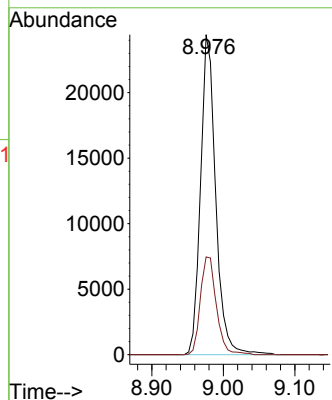
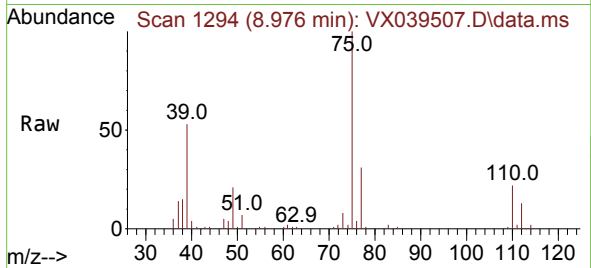
VX1228WBSD01

Tgt Ion: 75 Resp: 35838
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.7 38.5

Manual Integrations

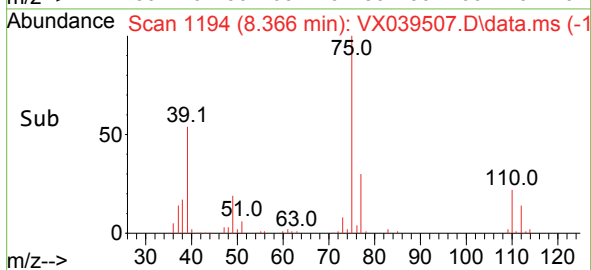
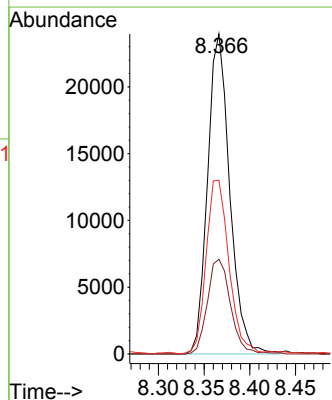
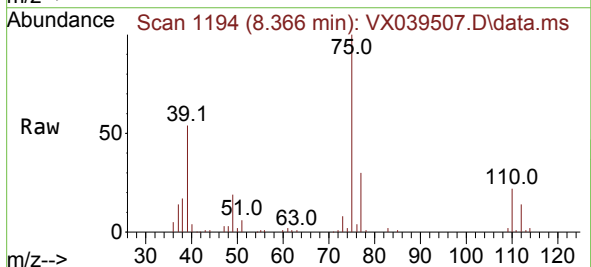
APPROVED

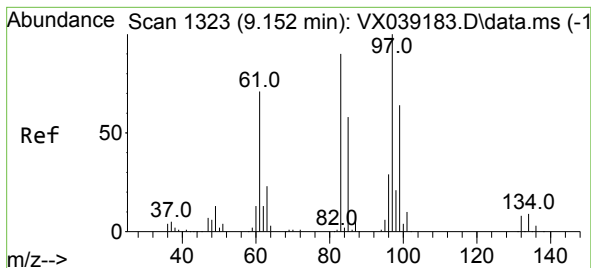
Reviewed By :John Carlone 12/29/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#54
 cis-1,3-Dichloropropene
 Concen: 17.873 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039507.D
 Acq: 28 Dec 2023 11:43

Tgt Ion: 75 Resp: 40365
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.3 37.9
 39 54.3 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 19.566 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tgt Ion: 97 Resp: 2605

Ion Ratio Lower Upper

97 100

83 86.3 65.8 98.8

85 55.0 41.6 62.4

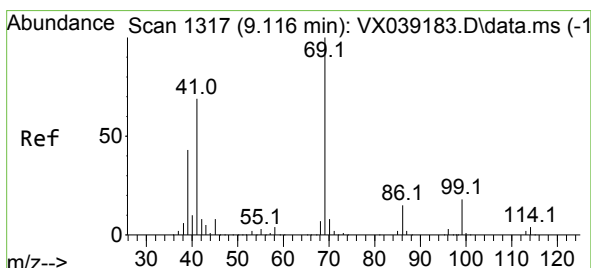
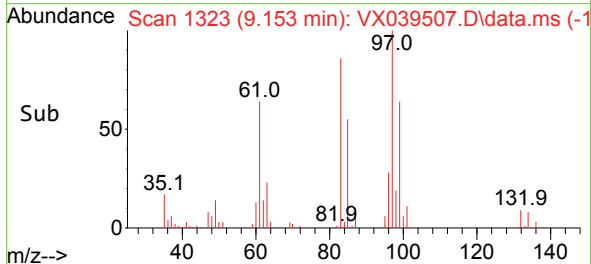
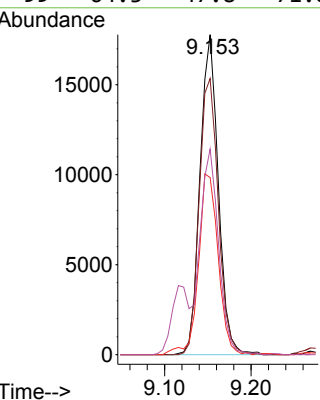
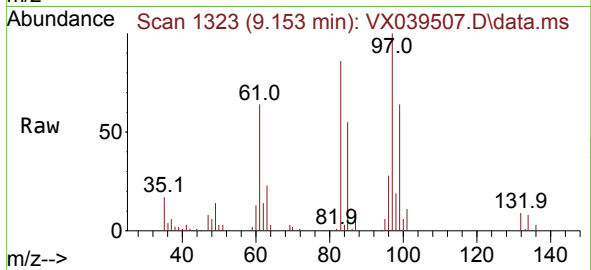
99 64.3 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#56

Ethyl methacrylate

Concen: 20.361 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

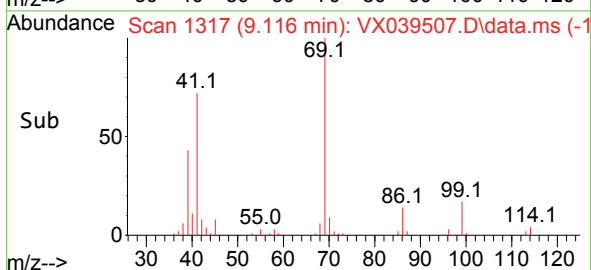
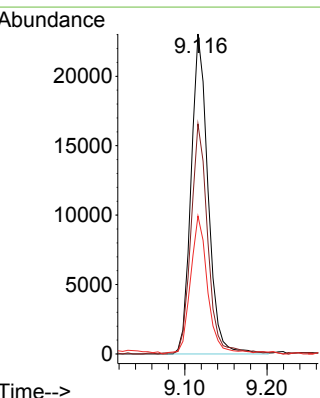
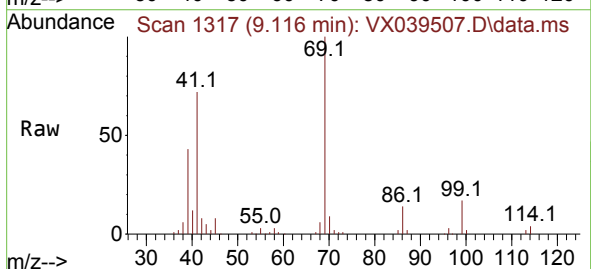
Tgt Ion: 69 Resp: 33103

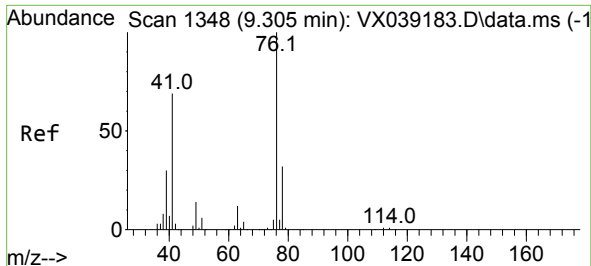
Ion Ratio Lower Upper

69 100

41 71.6 56.8 85.2

39 43.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 19.791 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tgt Ion: 76 Resp: 4556

Ion Ratio Lower Upper

76 100

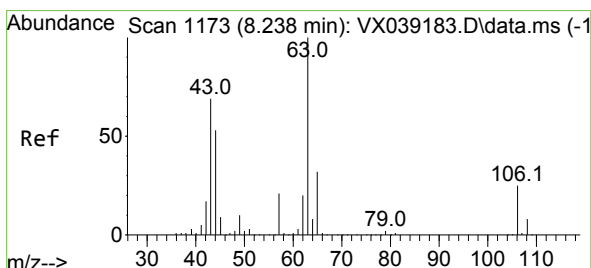
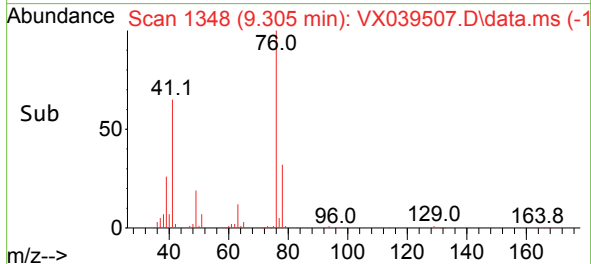
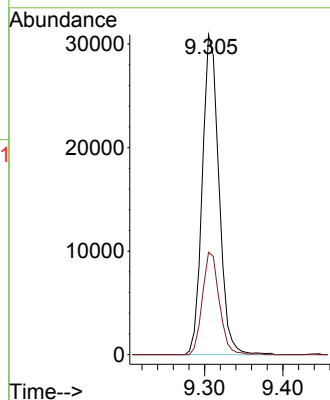
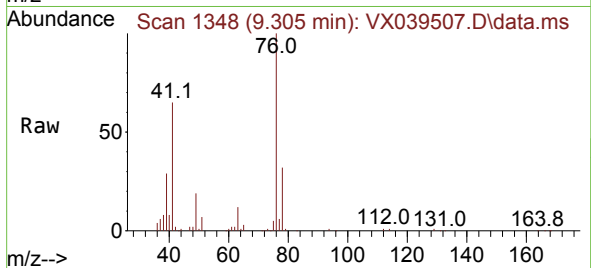
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 102.193 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039507.D

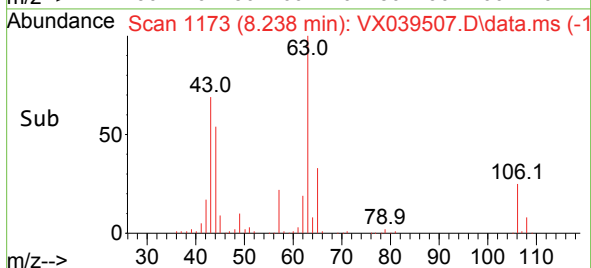
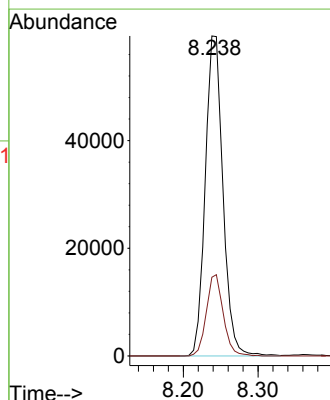
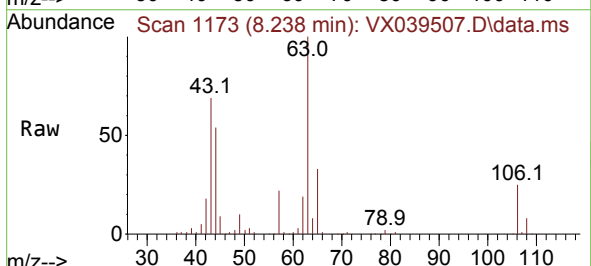
Acq: 28 Dec 2023 11:43

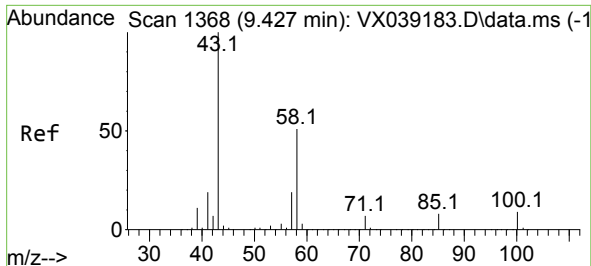
Tgt Ion: 63 Resp: 97557

Ion Ratio Lower Upper

63 100

106 24.3 22.5 33.7





#59

2-Hexanone

Concen: 101.829 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tgt Ion: 43 Resp: 210184

Ion Ratio Lower Upper

43 100

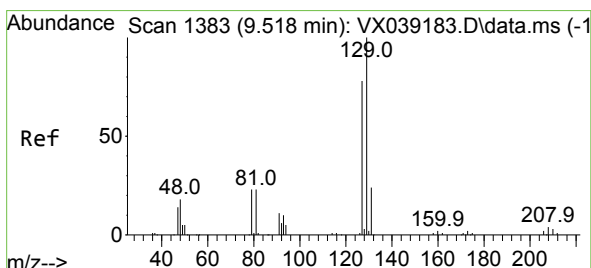
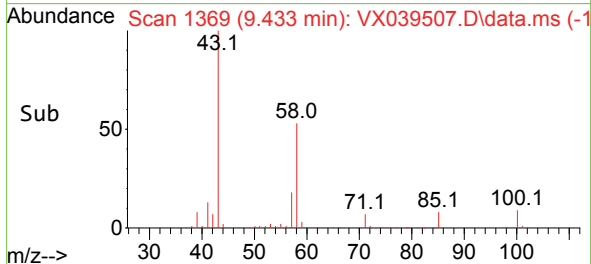
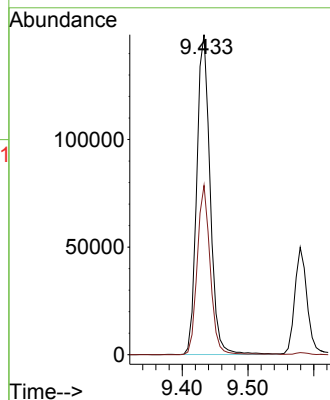
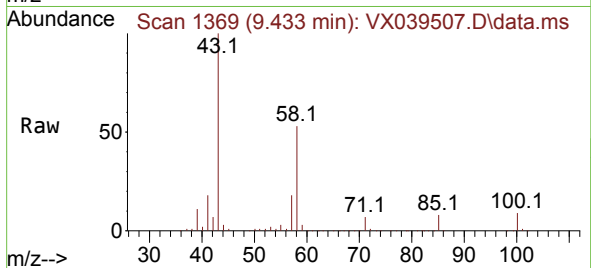
58 51.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#60

Dibromochloromethane

Concen: 18.218 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039507.D

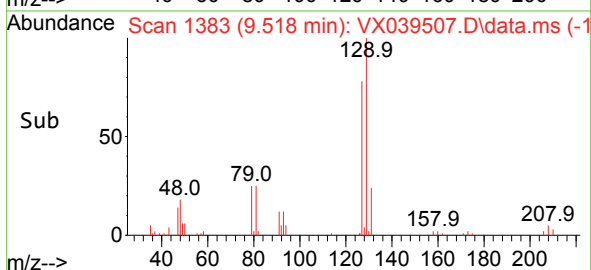
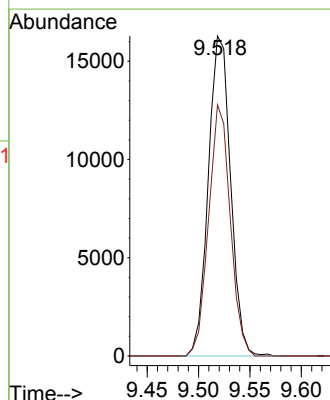
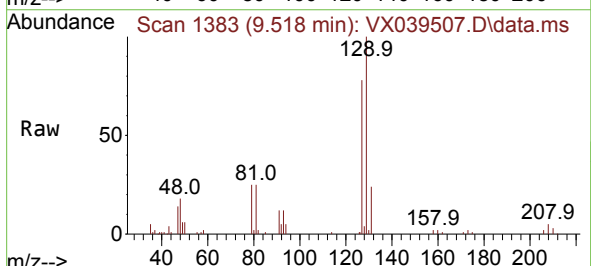
Acq: 28 Dec 2023 11:43

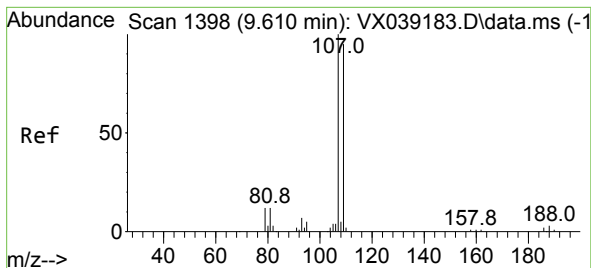
Tgt Ion:129 Resp: 24537

Ion Ratio Lower Upper

129 100

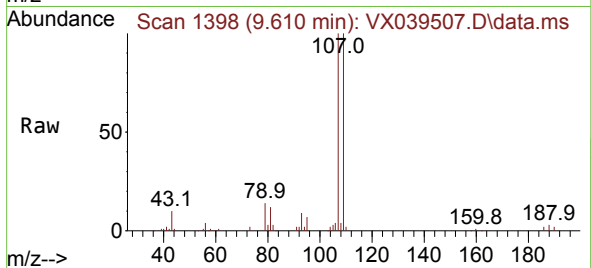
127 76.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.406 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

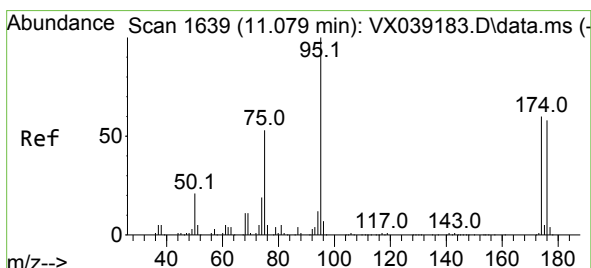
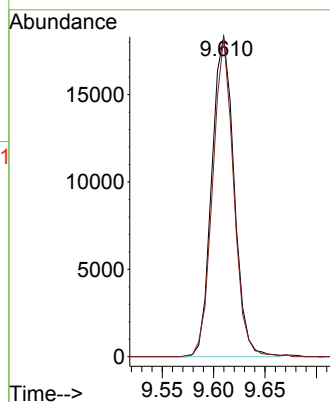
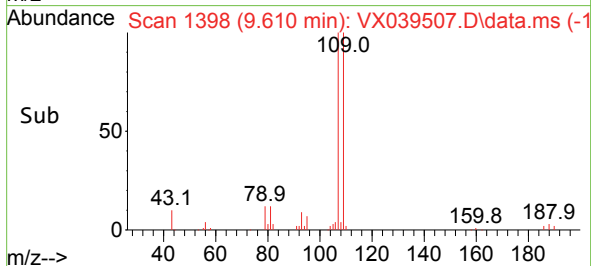
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion:107 Resp: 27590
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

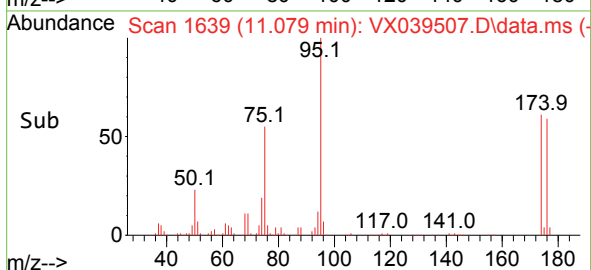
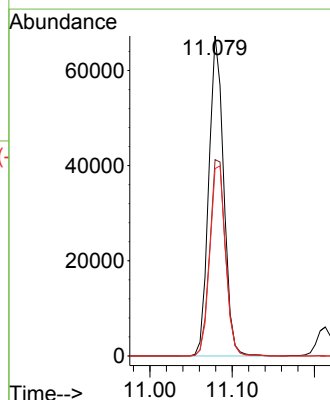
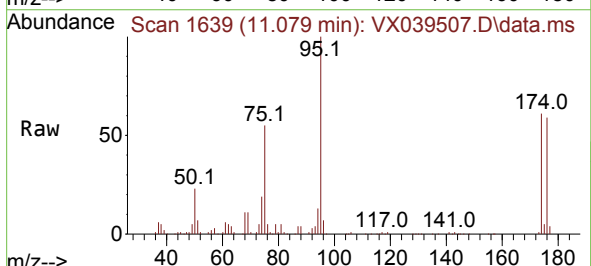
Manual Integrations
APPROVED

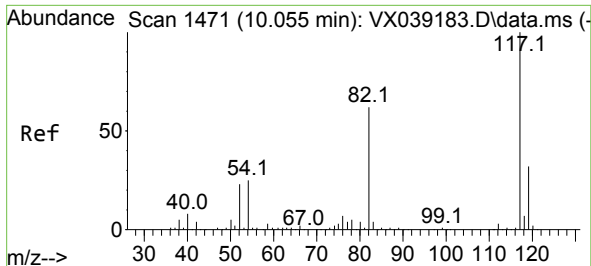
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#62
4-Bromofluorobenzene
Concen: 46.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

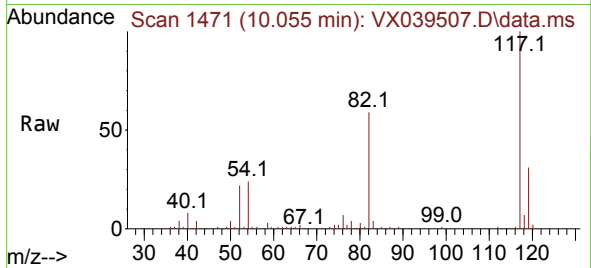
Tgt Ion: 95 Resp: 84484
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 62.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

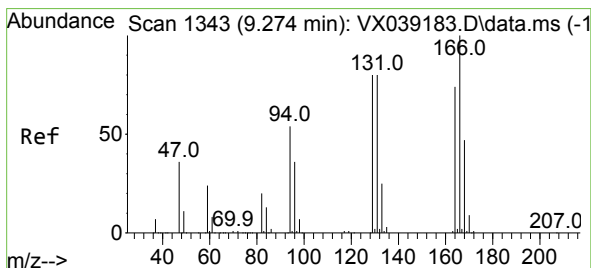
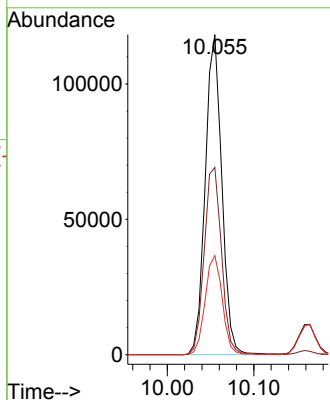
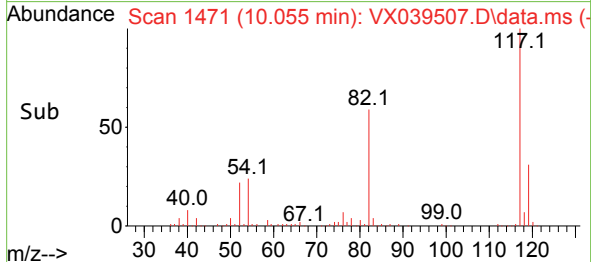
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



Tgt Ion:117 Resp: 15732
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 30.9 25.5 38.3

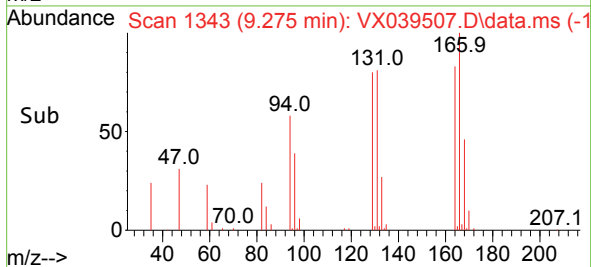
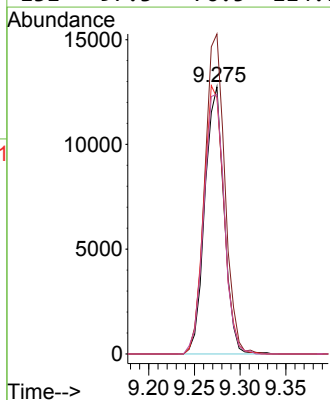
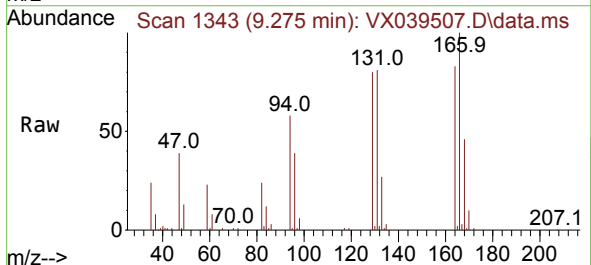
Manual Integrations
APPROVED

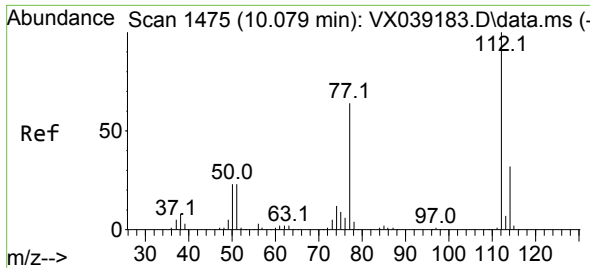
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#64
Tetrachloroethene
Concen: 18.032 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Tgt Ion:164 Resp: 18538
Ion Ratio Lower Upper
164 100
166 119.9 102.7 154.1
129 96.0 80.4 120.6
131 97.3 76.5 114.7





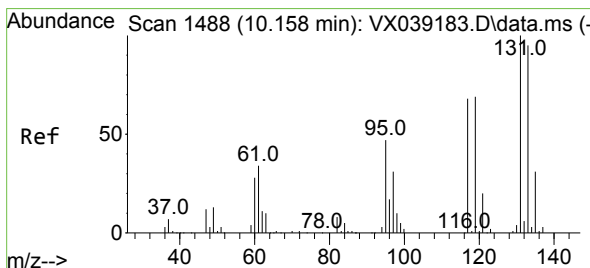
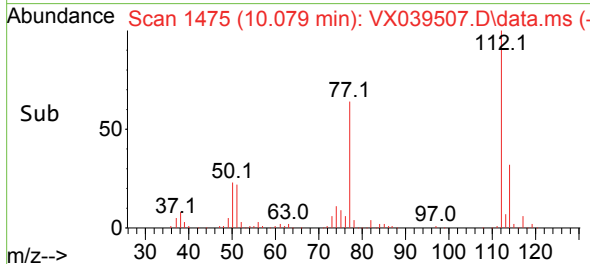
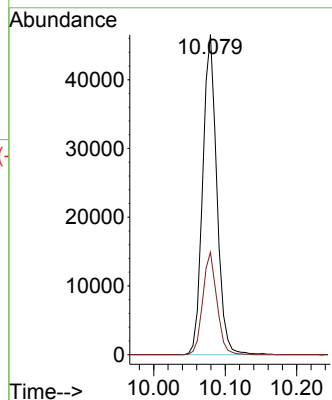
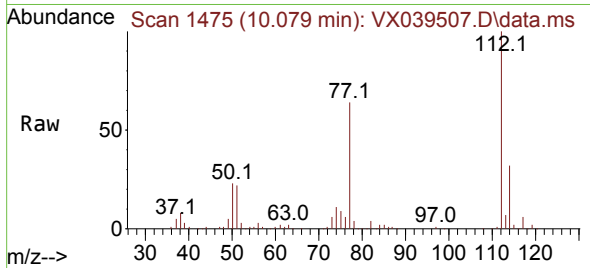
#65
Chlorobenzene
Concen: 18.582 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tgt Ion:112 Resp: 63809
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

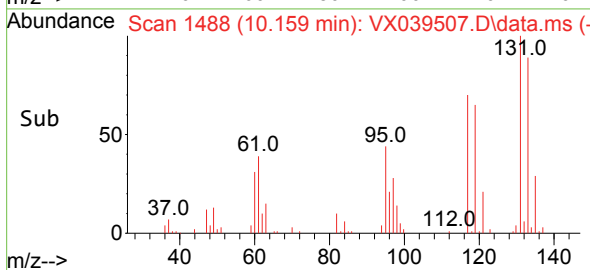
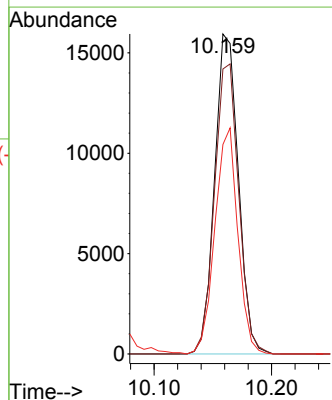
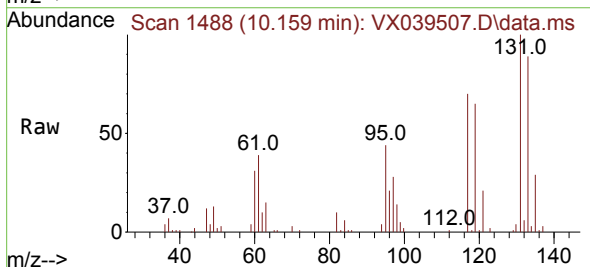
Manual Integrations
APPROVED

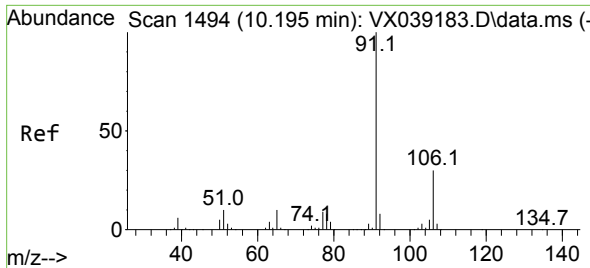
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.432 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

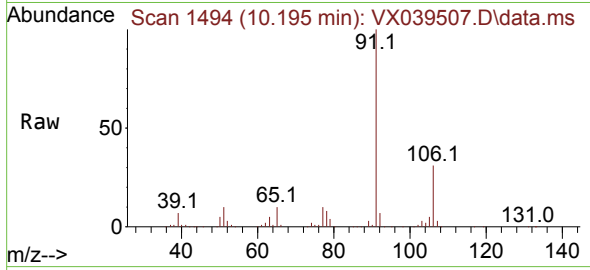
Tgt Ion:131 Resp: 22357
Ion Ratio Lower Upper
131 100
133 93.0 47.1 141.4
119 68.4 32.2 96.6





#67
Ethyl Benzene
Concen: 18.684 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

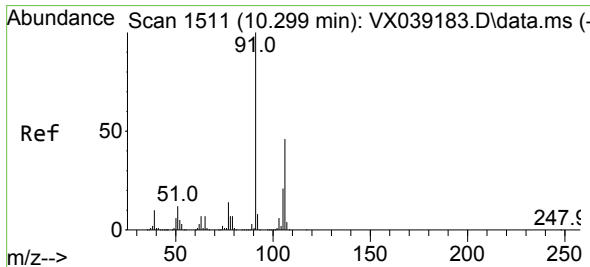
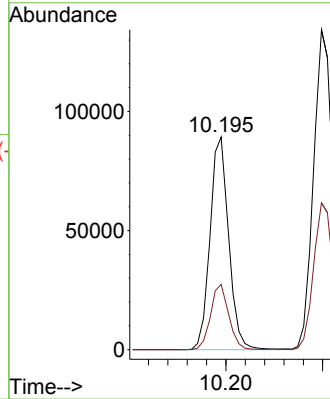
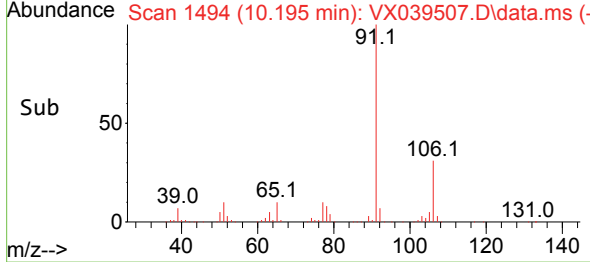
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



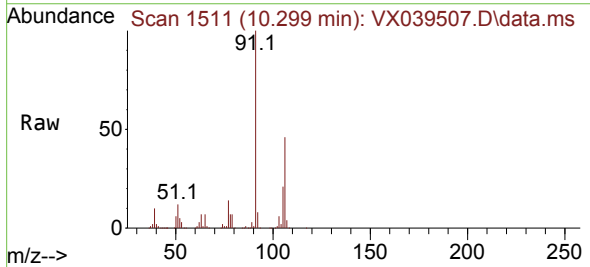
Tgt Ion: 91 Resp: 119430
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

Manual Integrations
APPROVED

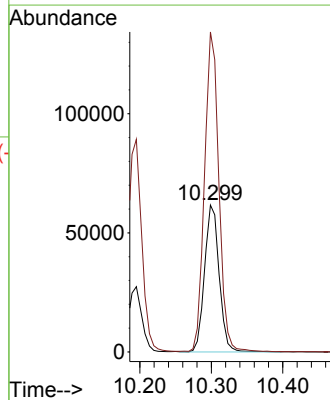
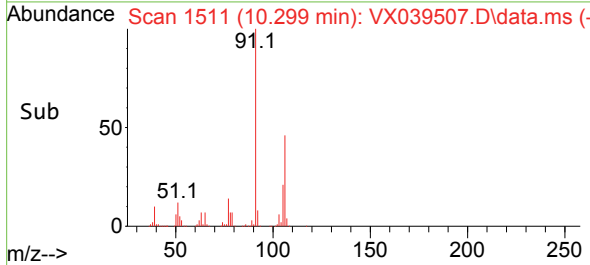
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

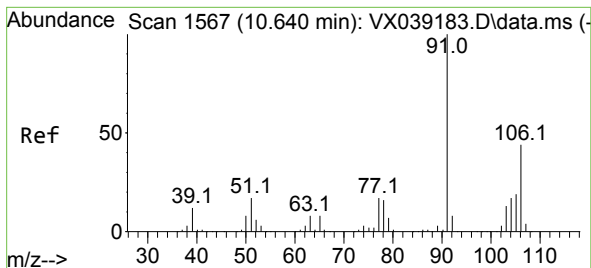


#68
m/p-Xylenes
Concen: 38.245 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43



Tgt Ion:106 Resp: 87651
Ion Ratio Lower Upper
106 100
91 213.4 165.5 248.3





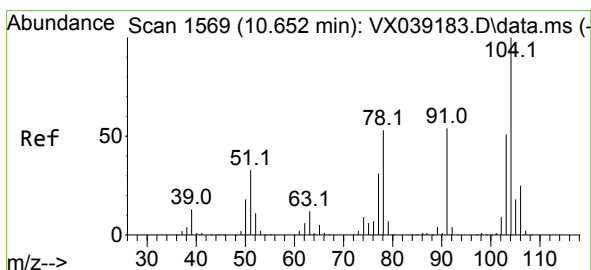
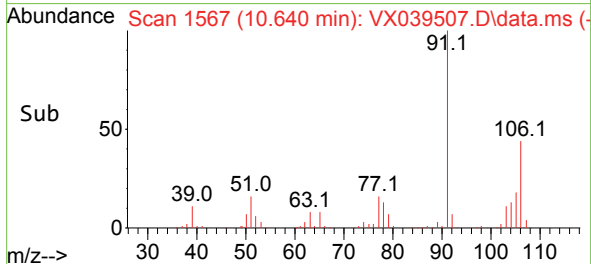
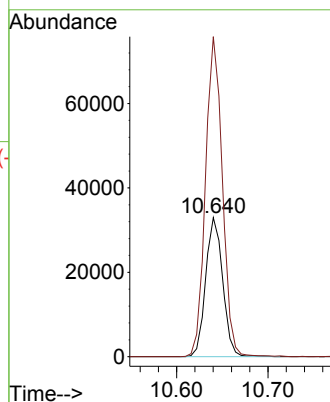
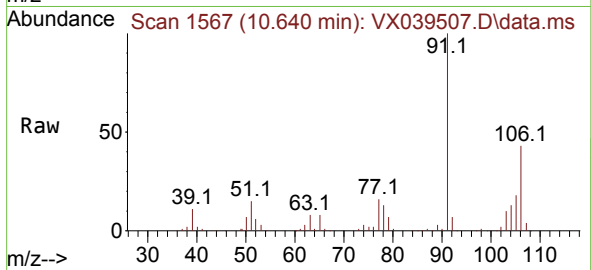
#69
o-Xylene
Concen: 19.264 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tgt Ion:106 Resp: 42680
Ion Ratio Lower Upper
106 100
91 228.8 108.9 326.8

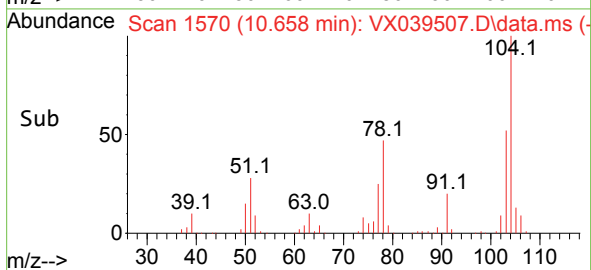
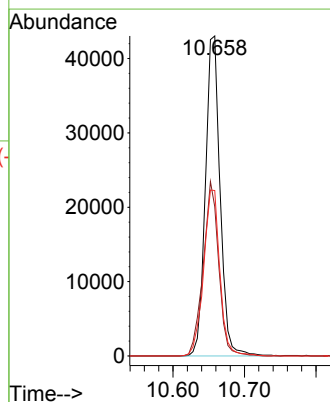
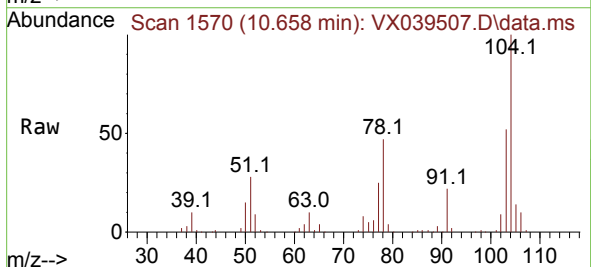
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#70
Styrene
Concen: 19.010 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Tgt Ion:104 Resp: 61582
Ion Ratio Lower Upper
104 100
78 57.5 43.6 65.4
103 57.3 43.6 65.4





#71

Bromoform

Concen: 17.328 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

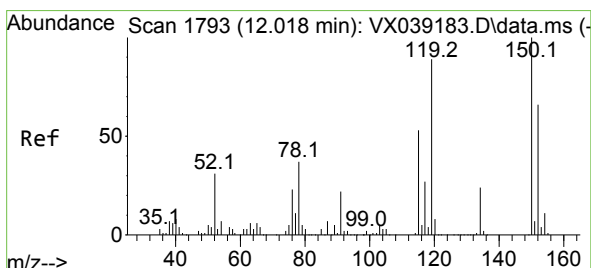
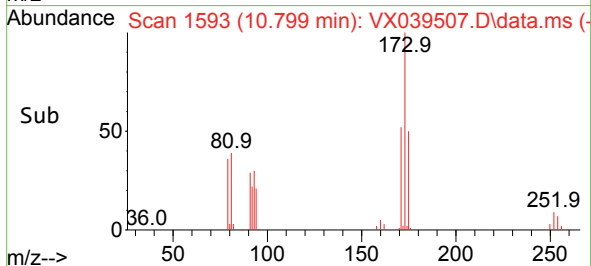
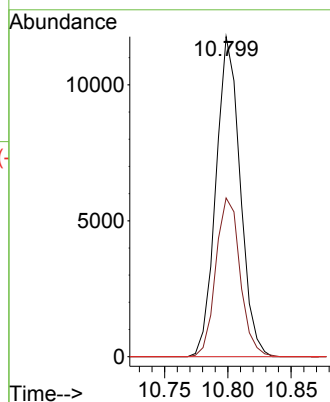
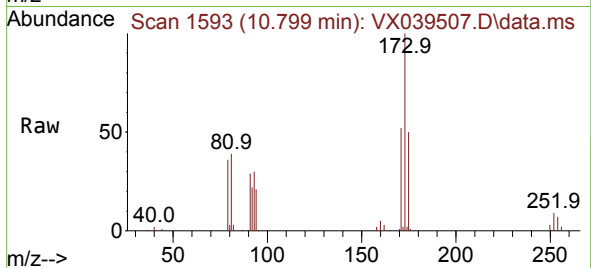
Tgt Ion:	173	Resp:	1562
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

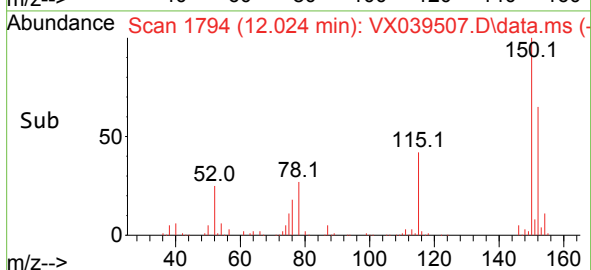
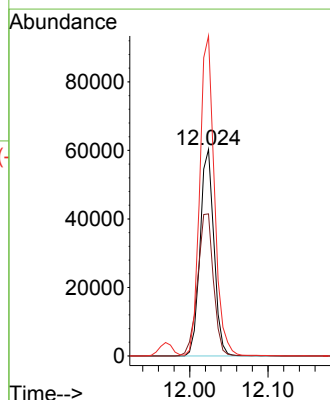
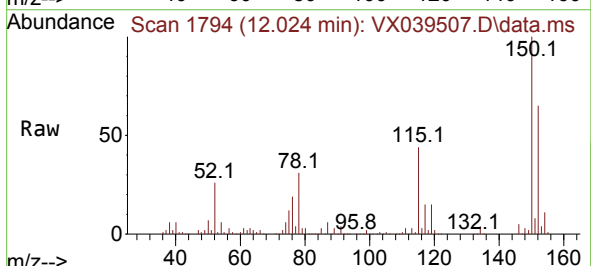
RT: 12.024 min Scan# 1794

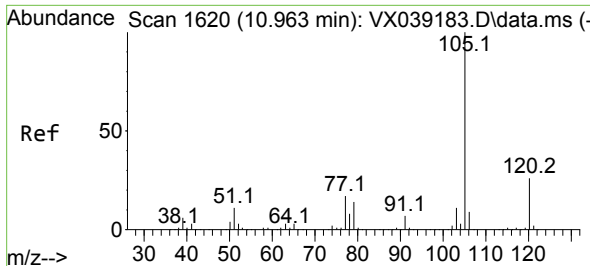
Delta R.T. 0.006 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

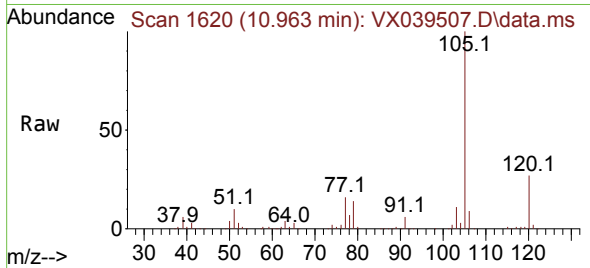
Tgt Ion:	152	Resp:	74236
Ion Ratio	Lower	Upper	
152	100		
115	78.8	43.3	129.9
150	164.2	0.0	345.0





#73
Isopropylbenzene
Concen: 19.964 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

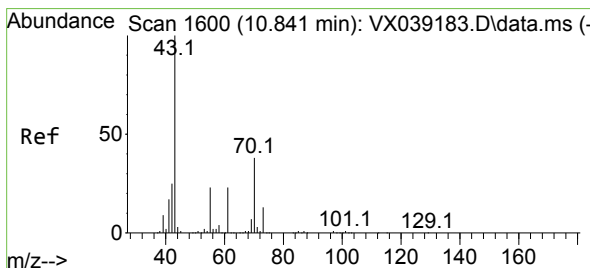
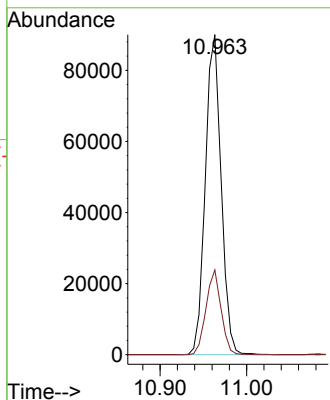
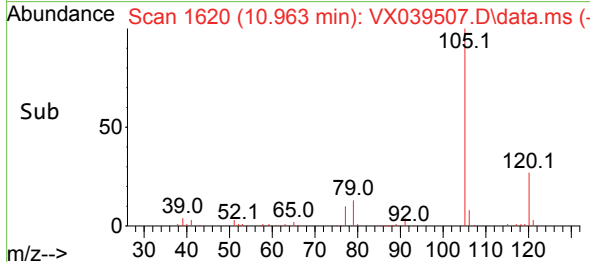
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



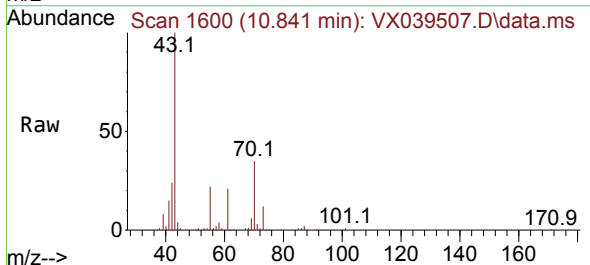
Tgt Ion:105 Resp: 114340
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6

Manual Integrations
APPROVED

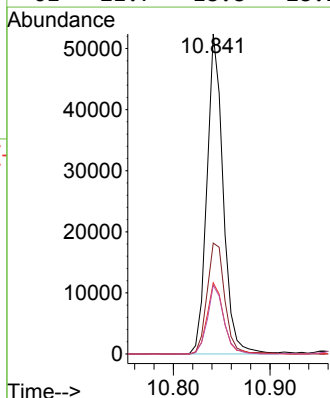
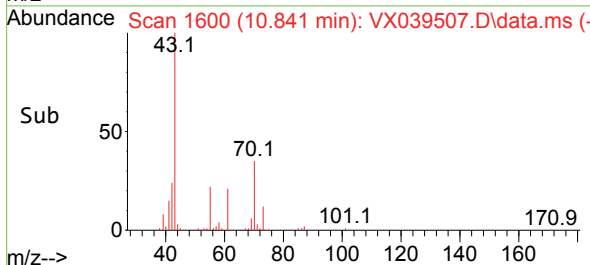
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#74
N-ethyl acetate
Concen: 21.142 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43



Tgt Ion: 43 Resp: 61267
Ion Ratio Lower Upper
43 100
70 38.0 32.9 49.3
55 23.0 19.3 28.9
61 21.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.445 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

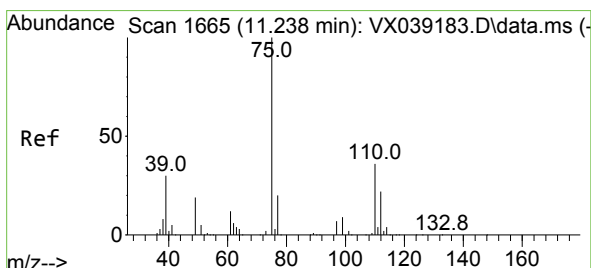
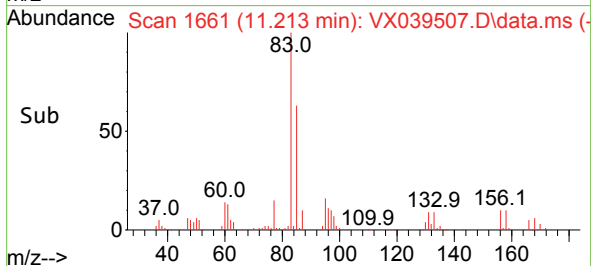
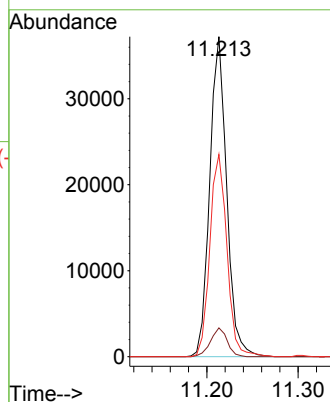
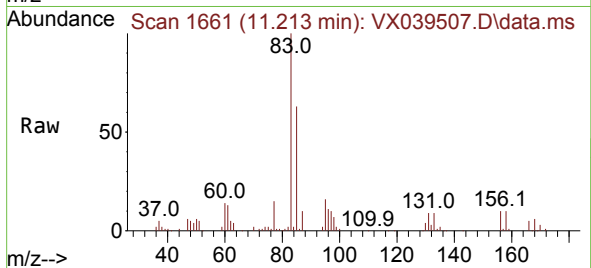
Tgt Ion: 83 Resp: 47823
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.3 15.8
 85 63.7 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#76

1,2,3-Trichloropropane

Concen: 20.209 ug/l m

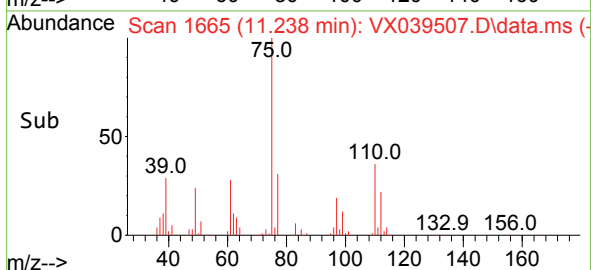
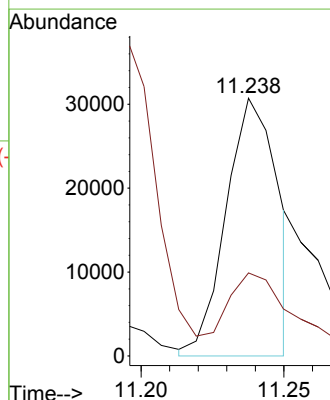
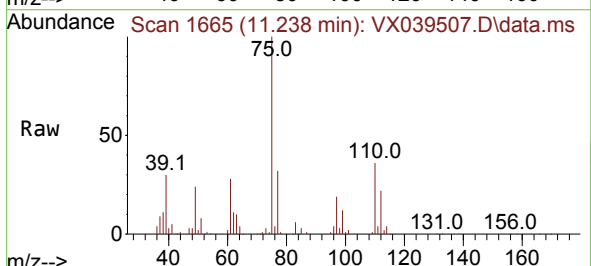
RT: 11.238 min Scan# 1665

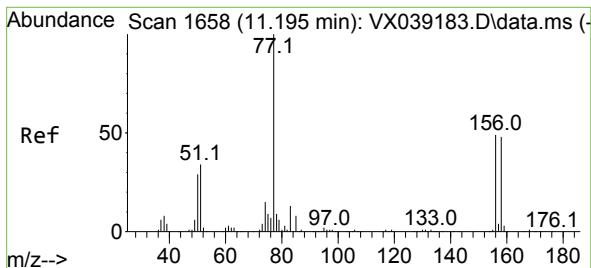
Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Tgt Ion: 75 Resp: 38813
 Ion Ratio Lower Upper
 75 100
 77 42.6 19.1 57.5





#77

Bromobenzene

Concen: 19.937 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

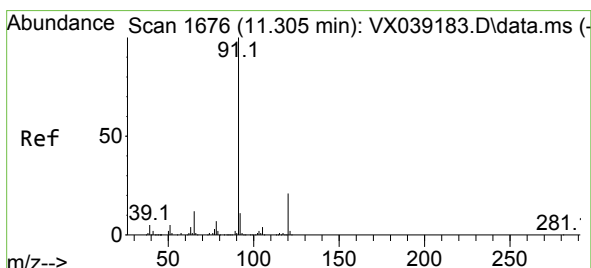
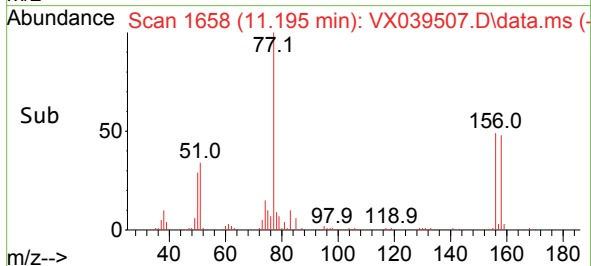
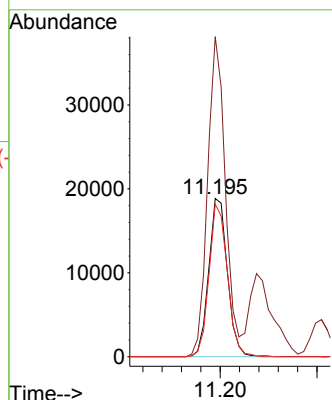
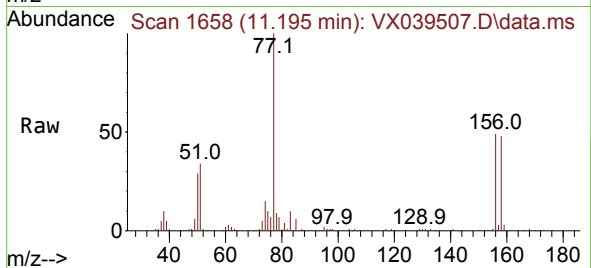
Tgt Ion:	156	Resp:	2525
Ion Ratio	Lower	Upper	
156	100		
77	192.1	88.4	265.3
158	94.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#78

n-propylbenzene

Concen: 19.440 ug/l

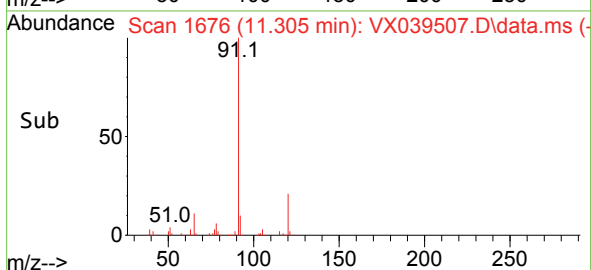
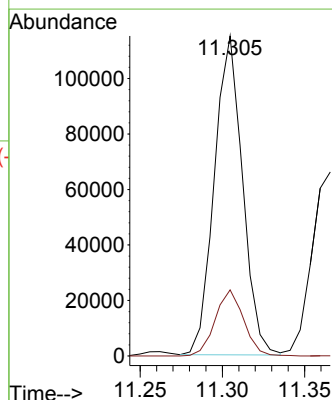
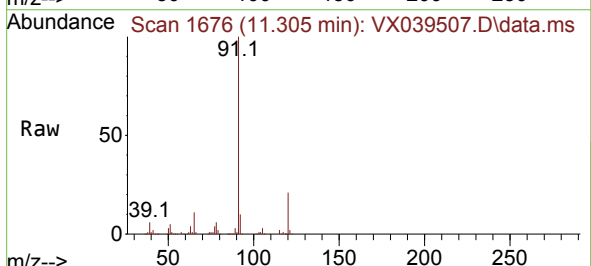
RT: 11.305 min Scan# 1676

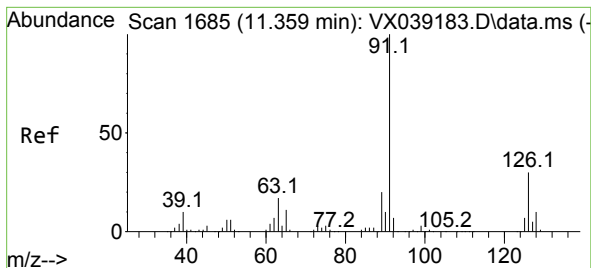
Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Tgt Ion:	91	Resp:	137187
Ion Ratio	Lower	Upper	
91	100		
120	20.9	11.5	34.4





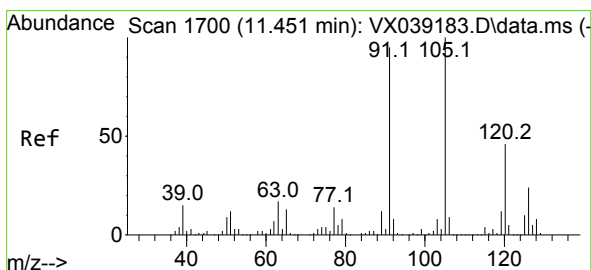
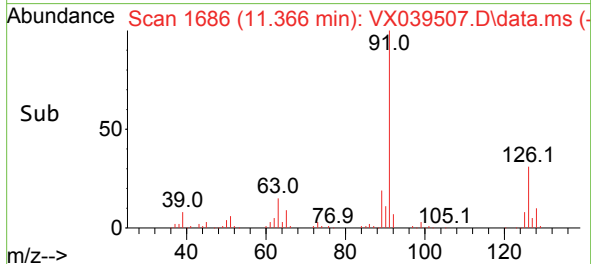
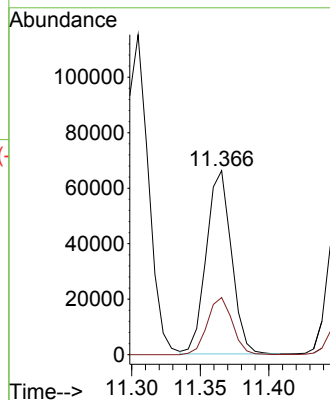
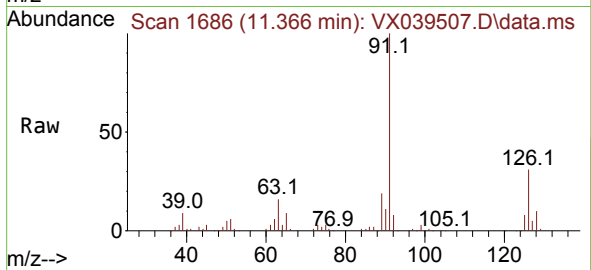
#79
2-Chlorotoluene
Concen: 19.777 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tgt Ion: 91 Resp: 8442
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.8

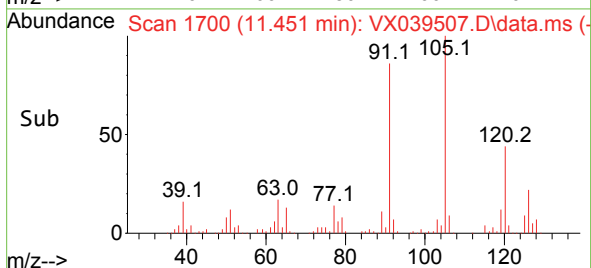
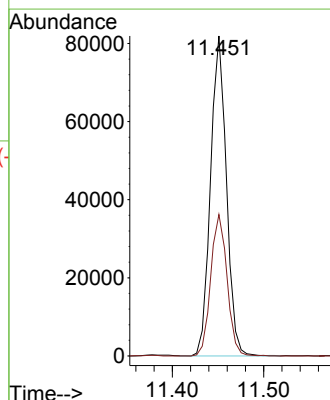
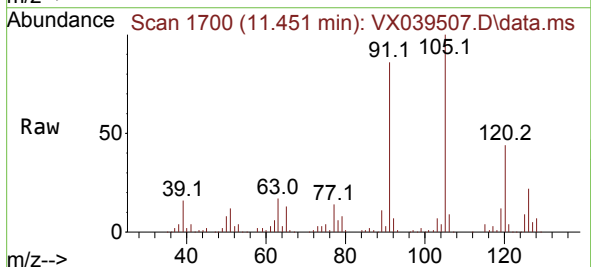
Manual Integrations
APPROVED

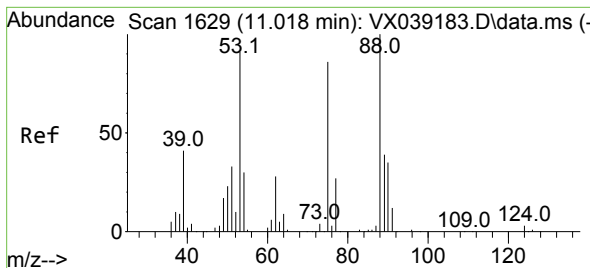
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.304 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

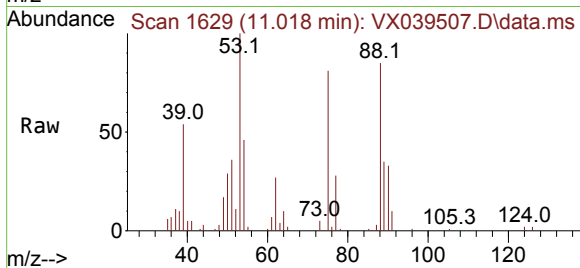
Tgt Ion:105 Resp: 99068
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.545 ug/l
RT: 11.018 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

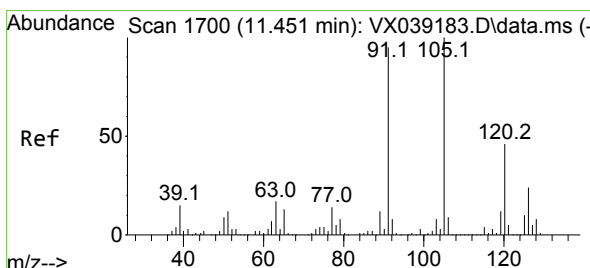
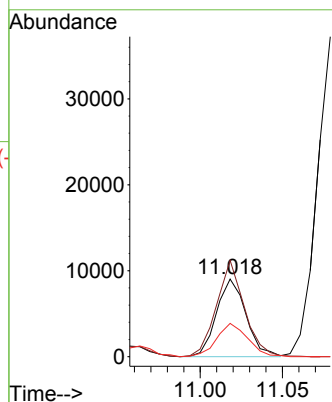
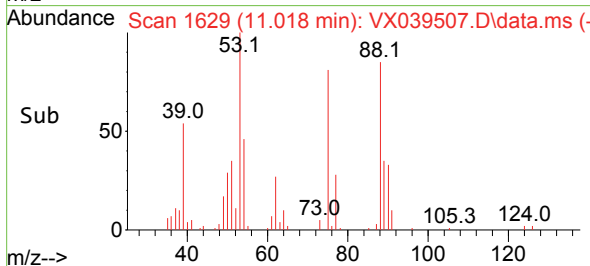
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



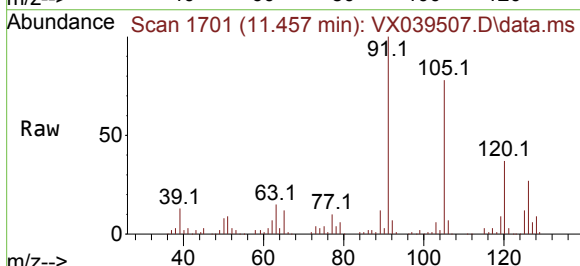
Tgt Ion: 75 Resp: 1126
Ion Ratio Lower Upper
75 100
53 117.2 90.5 135.7
89 45.1 36.9 55.3

Manual Integrations
APPROVED

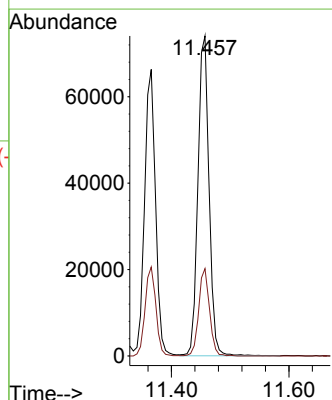
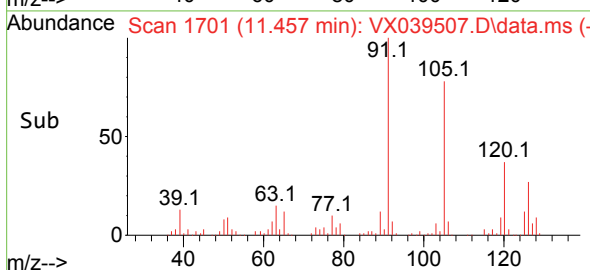
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

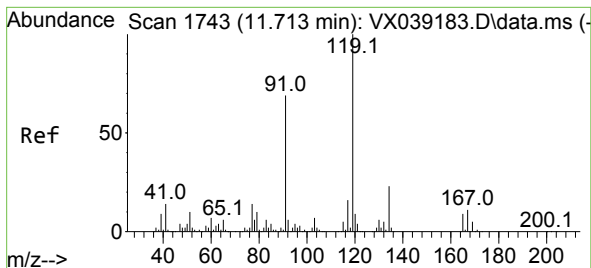


#82
4-Chlorotoluene
Concen: 19.379 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43



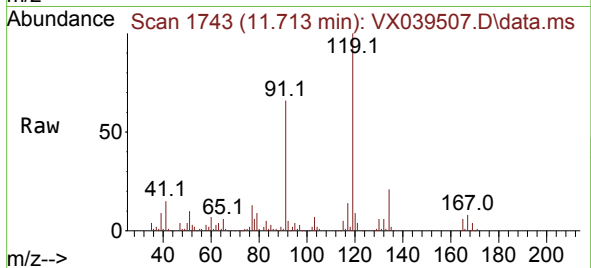
Tgt Ion: 91 Resp: 97159
Ion Ratio Lower Upper
91 100
126 26.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.261 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

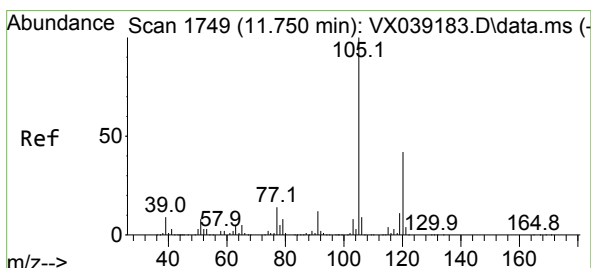
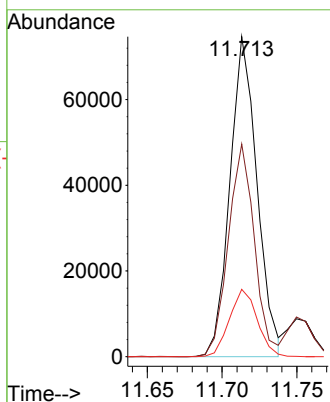
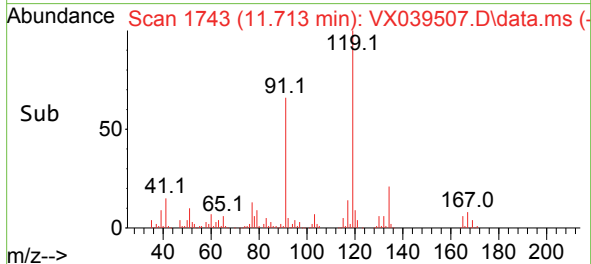
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



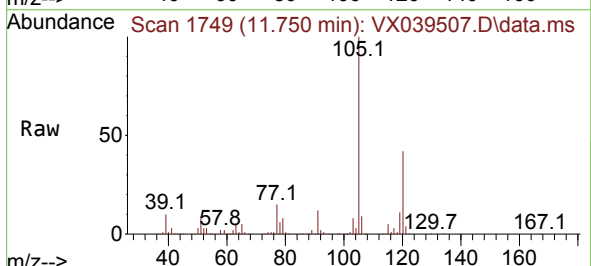
Tgt Ion:119 Resp: 94084
Ion Ratio Lower Upper
119 100
91 64.2 31.2 93.6
134 21.6 11.7 35.0

Manual Integrations
APPROVED

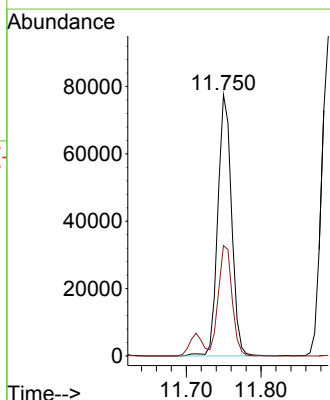
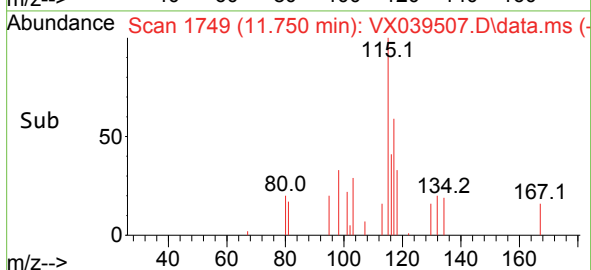
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

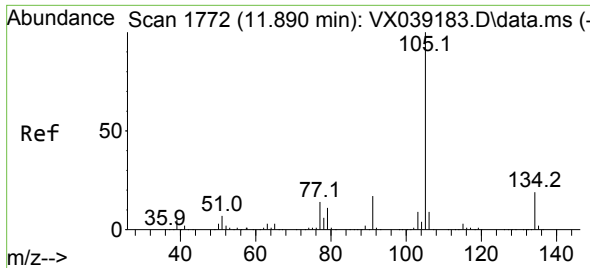


#84
1,2,4-Trimethylbenzene
Concen: 19.893 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43



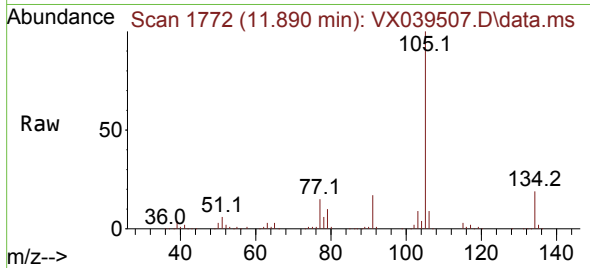
Tgt Ion:105 Resp: 99538
Ion Ratio Lower Upper
105 100
120 42.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.799 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039507.D
 Acq: 28 Dec 2023 11:43

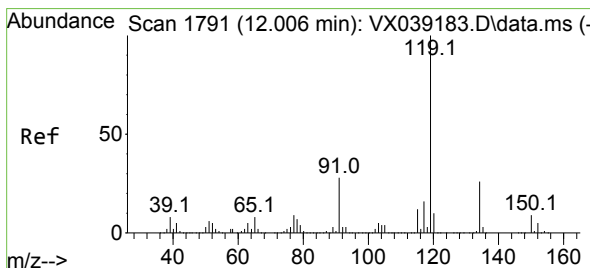
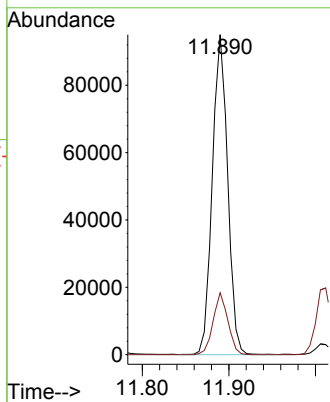
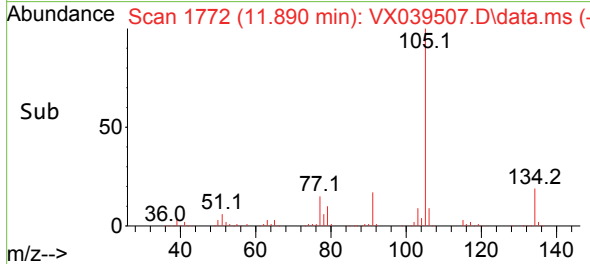
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01



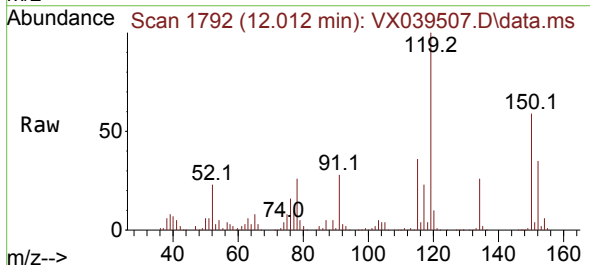
Tgt Ion:105 Resp: 116990
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

Manual Integrations
 APPROVED

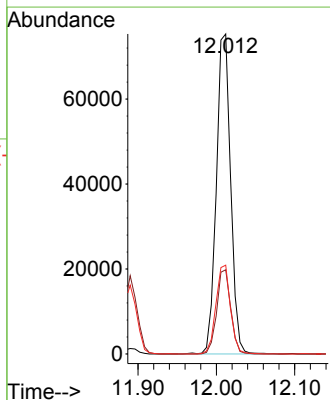
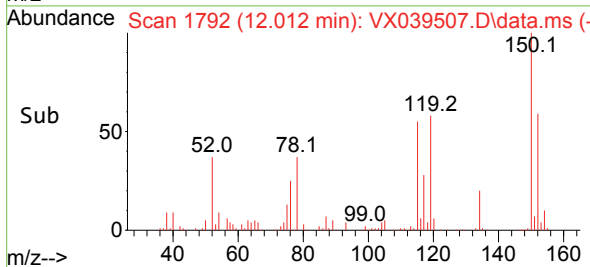
Reviewed By :John Carlone 12/29/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

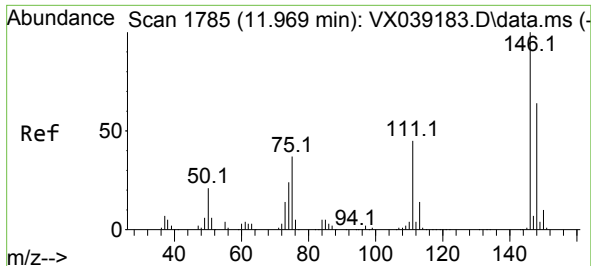


#86
 p-Isopropyltoluene
 Concen: 19.284 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX039507.D
 Acq: 28 Dec 2023 11:43



Tgt Ion:119 Resp: 95631
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 28.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.774 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039507.D

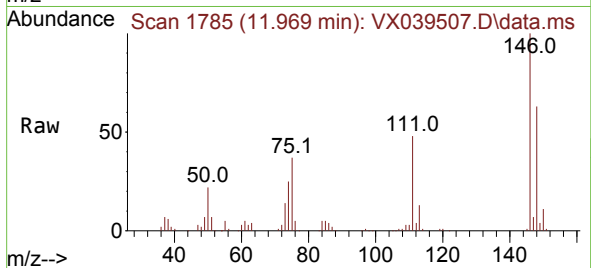
Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01



Tgt Ion:146 Resp: 46710

Ion Ratio Lower Upper

146 100

111 45.9 22.1 66.1

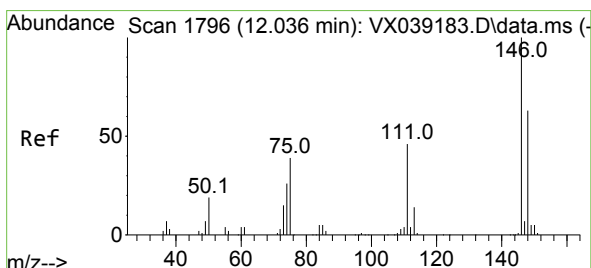
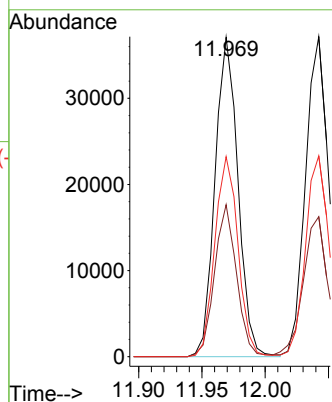
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#88

1,4-Dichlorobenzene

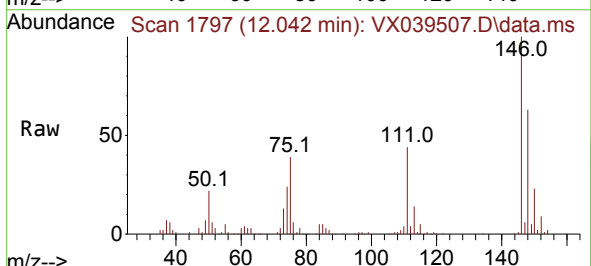
Concen: 18.368 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43



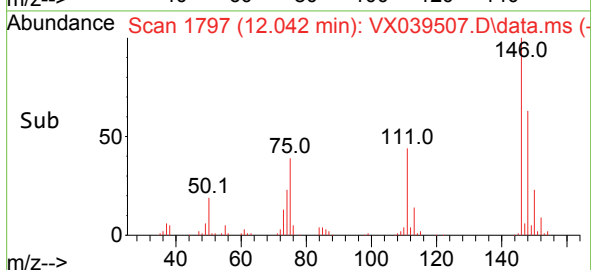
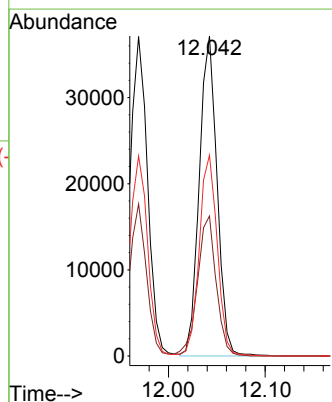
Tgt Ion:146 Resp: 47588

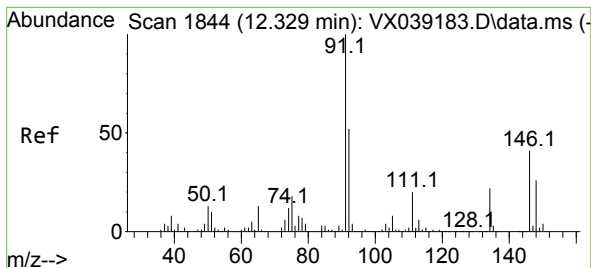
Ion Ratio Lower Upper

146 100

111 46.0 21.3 63.7

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 17.869 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039507.D

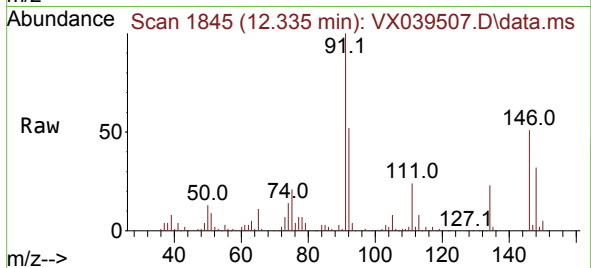
Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01



Tgt Ion: 91 Resp: 87110

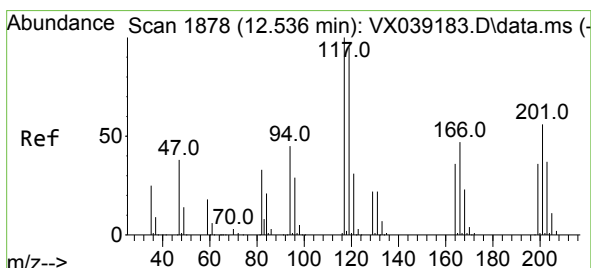
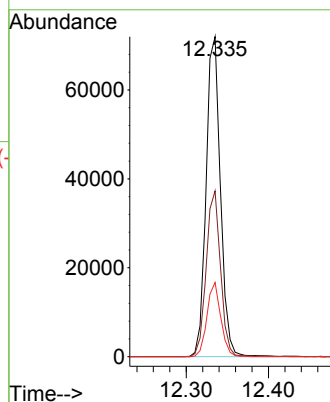
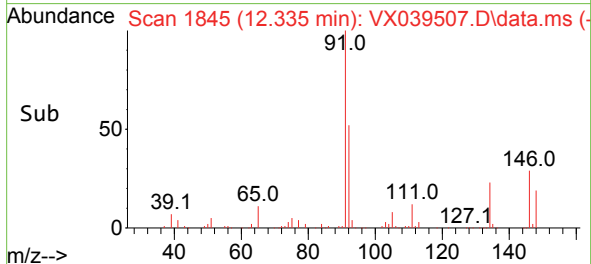
Ion	Ratio	Lower	Upper
91	100		
92	51.9	27.4	82.0
134	22.3	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#90

Hexachloroethane

Concen: 18.213 ug/l

RT: 12.536 min Scan# 1878

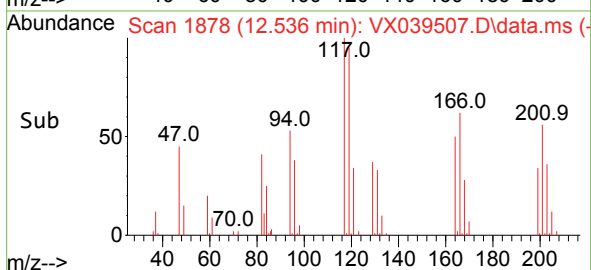
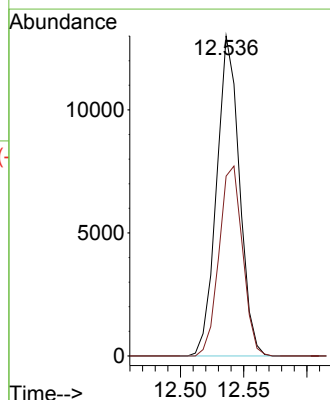
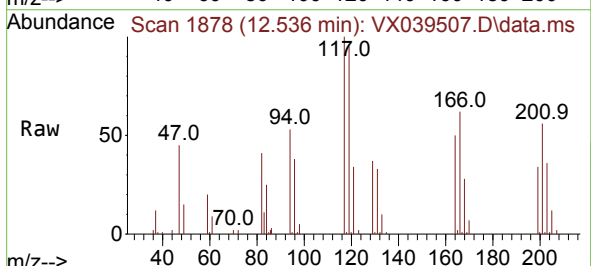
Delta R.T. 0.000 min

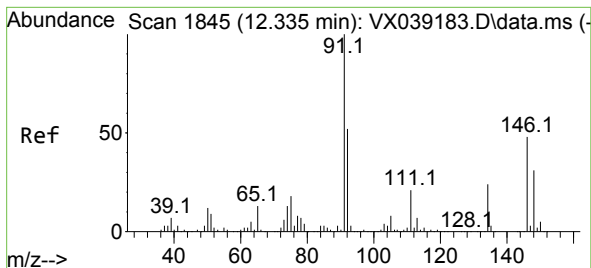
Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Tgt Ion:117 Resp: 16315

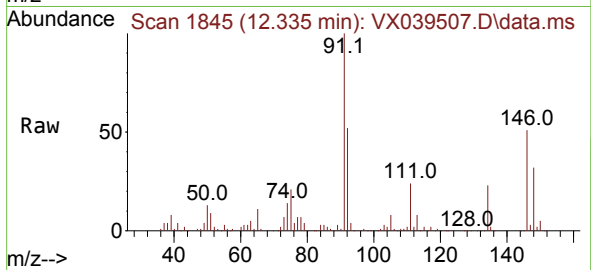
Ion	Ratio	Lower	Upper
117	100		
201	61.1	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 20.368 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

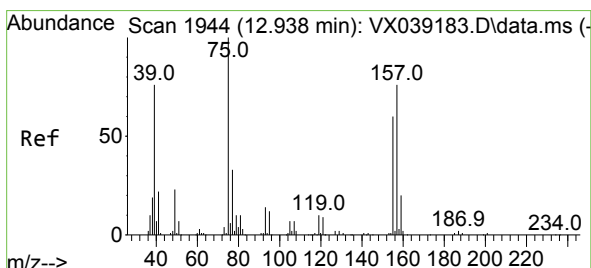
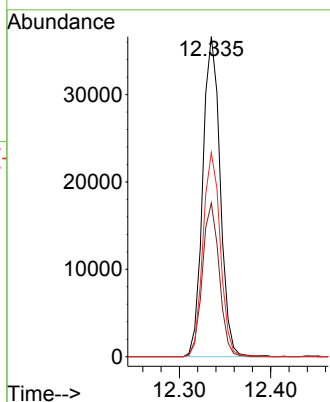
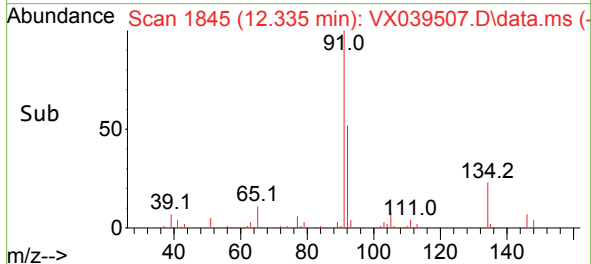
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



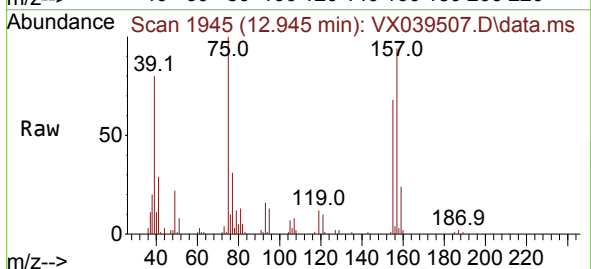
Tgt Ion:146 Resp: 48492
Ion Ratio Lower Upper
146 100
111 46.4 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
APPROVED

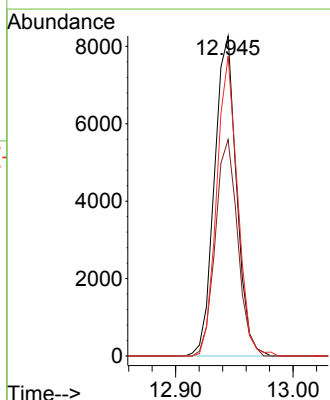
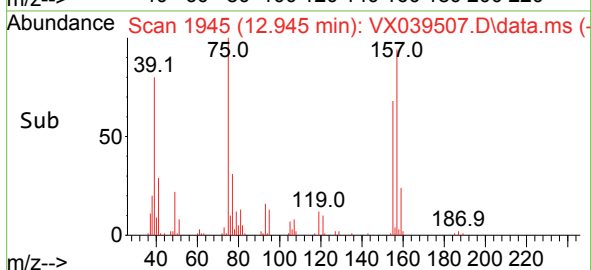
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

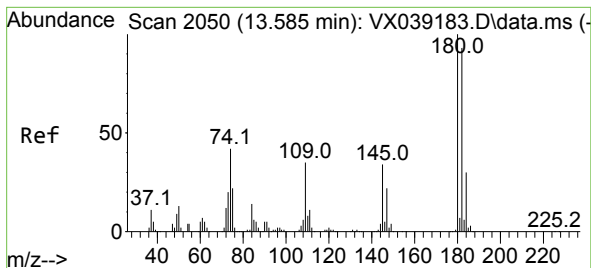


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.276 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43



Tgt Ion: 75 Resp: 10818
Ion Ratio Lower Upper
75 100
155 68.4 36.1 108.5
157 88.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 17.098 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

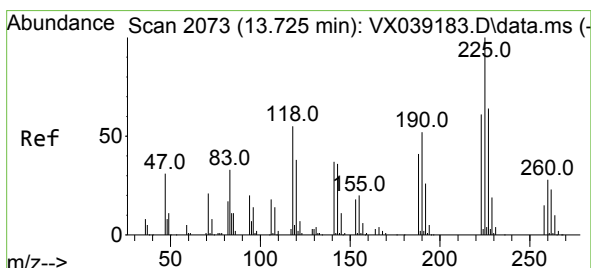
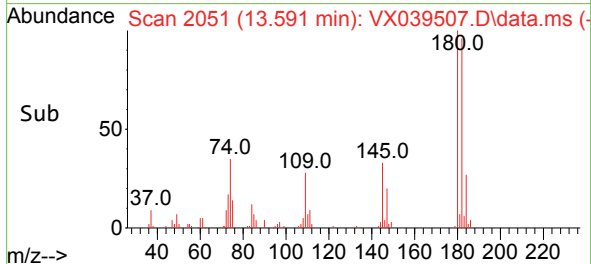
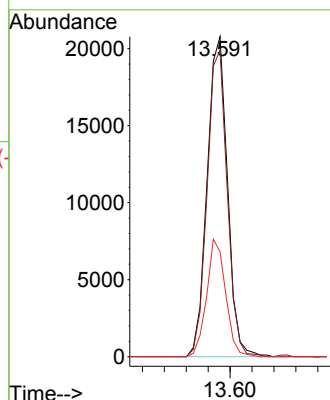
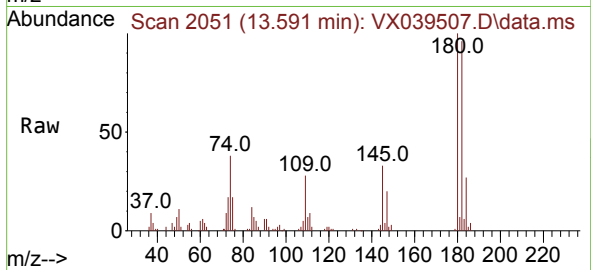
Tgt Ion:180	Resp:	2665	
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.3	144.8
145	34.4	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#94

Hexachlorobutadiene

Concen: 19.150 ug/l

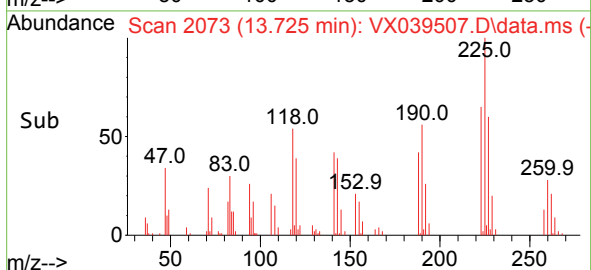
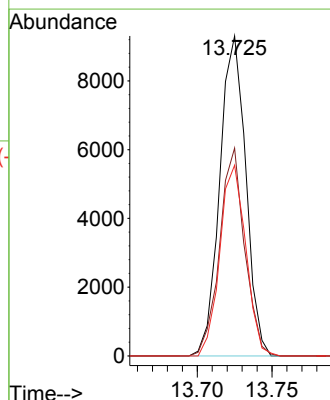
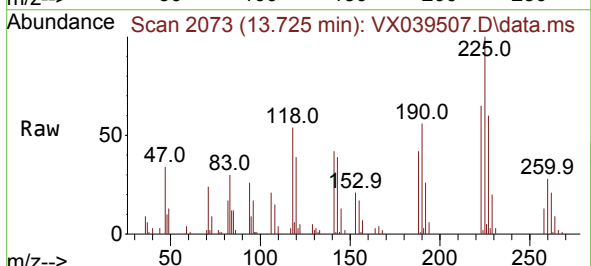
RT: 13.725 min Scan# 2073

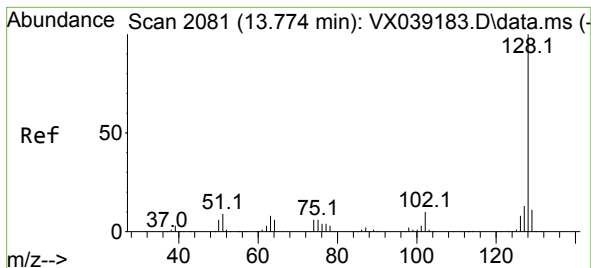
Delta R.T. 0.000 min

Lab File: VX039507.D

Acq: 28 Dec 2023 11:43

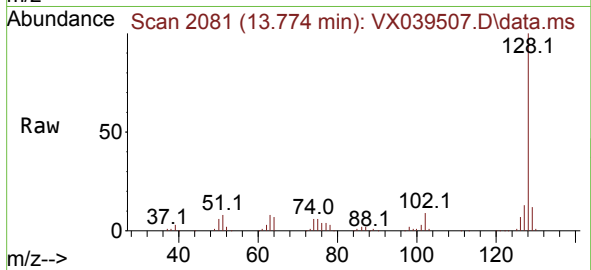
Tgt Ion:225	Resp:	11251	
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.1	93.2
227	59.5	32.5	97.5





#95
Naphthalene
Concen: 19.761 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43

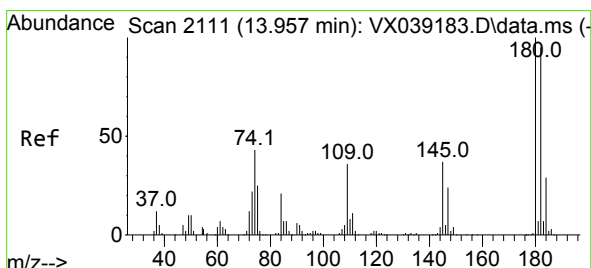
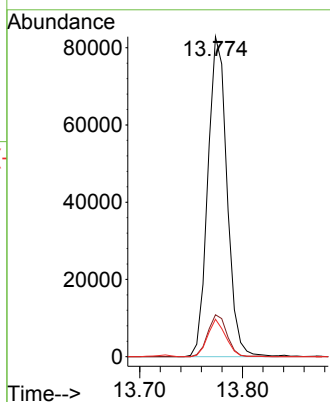
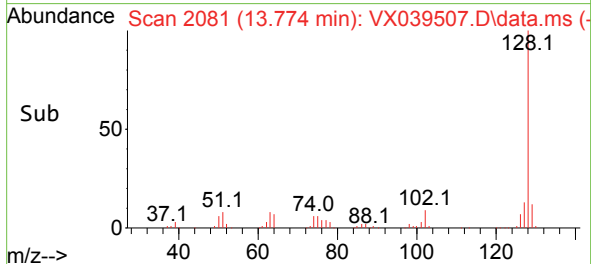
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01



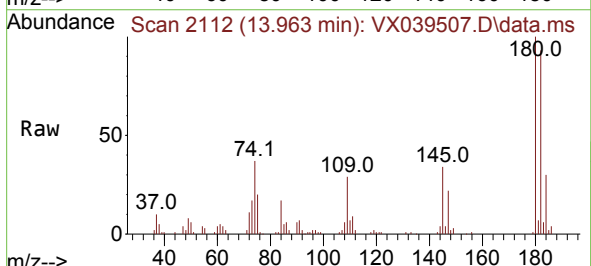
Tgt Ion:128 Resp: 107289
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.381 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039507.D
Acq: 28 Dec 2023 11:43



Tgt Ion:180 Resp: 27663
Ion Ratio Lower Upper
180 100
182 94.3 46.9 140.6
145 37.0 17.8 53.5

