

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039522.D
 Acq On : 28 Dec 2023 17:26
 Operator : JC/MD
 Sample : VX1228MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228MBS01

Quant Time: Dec 28 22:54:44 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96224	48.078	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.160%		
35) Dibromofluoromethane	5.385	113	70072	51.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.280%		
50) Toluene-d8	8.647	98	256329	50.387	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.780%		
62) 4-Bromofluorobenzene	11.079	95	92088	43.873	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	26331	17.152	ug/l	98
3) Chloromethane	1.295	50	31622	18.580	ug/l	99
4) Vinyl Chloride	1.374	62	29904	18.893	ug/l	99
5) Bromomethane	1.593	94	14258	15.657	ug/l	98
6) Chloroethane	1.660	64	13471	14.123	ug/l	97
7) Trichlorofluoromethane	1.868	101	41244	17.795	ug/l	99
8) Diethyl Ether	2.136	74	15530	19.360	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	25020	17.690	ug/l	98
10) Methyl Iodide	2.447	142	23387	15.997	ug/l	93
11) Tert butyl alcohol	2.995	59	52767	104.990	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	25294	18.004	ug/l	89
13) Acrolein	2.240	56	41994	104.737	ug/l	99
14) Allyl chloride	2.660	41	49343	17.337	ug/l	96
15) Acrylonitrile	3.069	53	101536	100.931	ug/l	98
16) Acetone	2.386	43	90094	59.543	ug/l	96
17) Carbon Disulfide	2.502	76	58612	14.256	ug/l	97
18) Methyl Acetate	2.703	43	91716	21.187	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	94129	18.525	ug/l	99
20) Methylene Chloride	2.788	84	31006	18.584	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	26189	17.131	ug/l	97
22) Diisopropyl ether	3.764	45	101979	19.684	ug/l	88
23) Vinyl Acetate	3.721	43	356127	92.334	ug/l	99
24) 1,1-Dichloroethane	3.611	63	53502	18.269	ug/l	97
25) 2-Butanone	4.562	43	148274	85.853	ug/l	98
26) 2,2-Dichloropropane	4.471	77	36724	14.364	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	31031	18.390	ug/l	99
28) Bromochloromethane	4.898	49	25272	17.686	ug/l	94
29) Tetrahydrofuran	5.007	42	100213	105.071	ug/l	98
30) Chloroform	5.093	83	53131	18.154	ug/l	97
31) Cyclohexane	5.465	56	45527	17.612	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	43700	17.200	ug/l	97
36) 1,1-Dichloropropene	5.690	75	38286	17.706	ug/l	99
37) Ethyl Acetate	4.721	43	54050	20.232	ug/l	99
38) Carbon Tetrachloride	5.678	117	33284	16.129	ug/l	94
39) Methylcyclohexane	7.379	83	44951	17.306	ug/l	99
40) Benzene	6.038	78	116812	19.097	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28554	20.033	ug/l	96
42) 1,2-Dichloroethane	6.086	62	45119	18.223	ug/l	99
43) Isopropyl Acetate	6.342	43	80906	18.624	ug/l	100
44) Trichloroethene	7.123	130	25818	16.727	ug/l	90
45) 1,2-Dichloropropane	7.428	63	31497	19.187	ug/l	96
46) Dibromomethane	7.580	93	20827	18.048	ug/l	95
47) Bromodichloromethane	7.824	83	37375	16.939	ug/l	96
48) Methyl methacrylate	7.696	41	48914	19.260	ug/l	97
49) 1,4-Dioxane	7.665	88	17246	503.771	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	293074	105.884	ug/l	97
52) Toluene	8.720	92	67814	18.369	ug/l	91
53) t-1,3-Dichloropropene	8.976	75	37740	15.536	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	42488	16.256	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29663	19.246	ug/l	96
56) Ethyl methacrylate	9.116	69	36623	19.464	ug/l	96
57) 1,3-Dichloropropane	9.305	76	50229	18.851	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	99744	90.281	ug/l	93
59) 2-Hexanone	9.433	43	232983	97.532	ug/l	99
60) Dibromochloromethane	9.519	129	25417	16.306	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30427	18.493	ug/l	98
64) Tetrachloroethene	9.275	164	20369	17.793	ug/l	97
65) Chlorobenzene	10.080	112	69575	18.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	24235	17.943	ug/l	98
67) Ethyl Benzene	10.195	91	133768	18.794	ug/l	96
68) m/p-Xylenes	10.299	106	97547	38.223	ug/l	95
69) o-Xylene	10.640	106	49284	19.974	ug/l	99
70) Styrene	10.653	104	68218	18.911	ug/l	98
71) Bromoform	10.799	173	16400	16.336	ug/l #	99
73) Isopropylbenzene	10.964	105	126771	20.883	ug/l	100
74) N-amyl acetate	10.842	43	68018	22.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	52672	23.324	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42780m	21.016	ug/l	
77) Bromobenzene	11.195	156	28046	20.892	ug/l	92
78) n-propylbenzene	11.305	91	148402	19.841	ug/l	96
79) 2-Chlorotoluene	11.366	91	91344	20.190	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	107767	20.839	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12042	16.688	ug/l	96
82) 4-Chlorotoluene	11.451	91	104248	19.618	ug/l	97
83) tert-Butylbenzene	11.713	119	103293	20.987	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	111367	20.999	ug/l	98
85) sec-Butylbenzene	11.890	105	124452	19.872	ug/l	98
86) p-Isopropyltoluene	12.006	119	102220	19.448	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	50363	19.097	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	50397	18.353	ug/l	97
89) n-Butylbenzene	12.335	91	90932	17.599	ug/l	95
90) Hexachloroethane	12.536	117	16966	17.870	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	52791	20.921	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11340	19.065	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	28162	17.044	ug/l	96
94) Hexachlorobutadiene	13.725	225	11418	18.337	ug/l	98
95) Naphthalene	13.774	128	115843	20.131	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29665	18.597	ug/l	99

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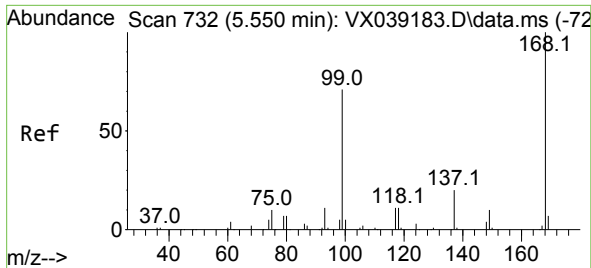
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

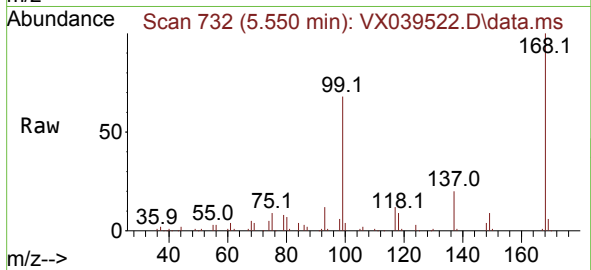
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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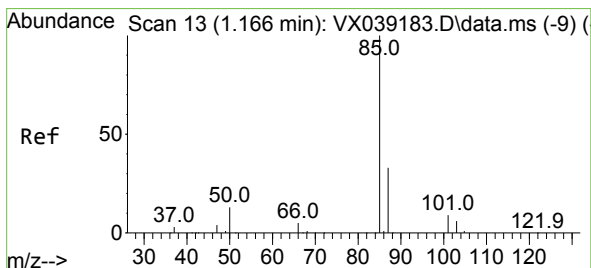
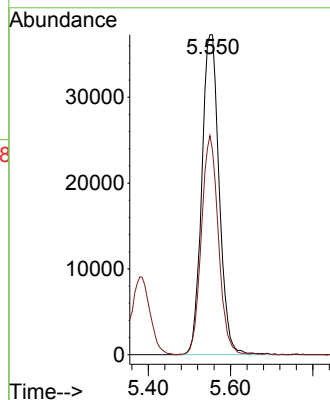
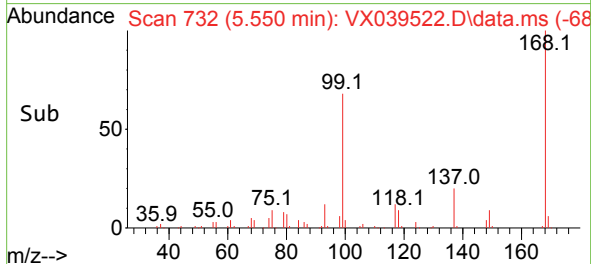
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion:168 Resp: 10925
Ion Ratio Lower Upper
168 100
99 68.4 56.6 85.0

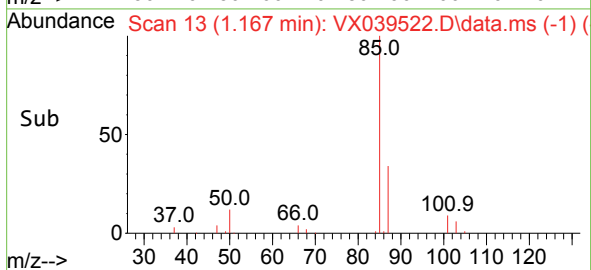
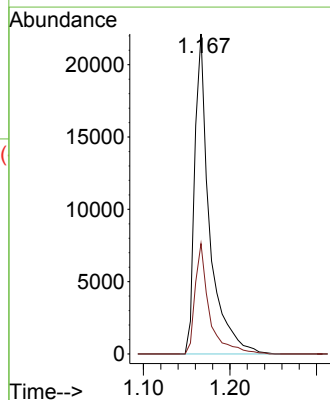
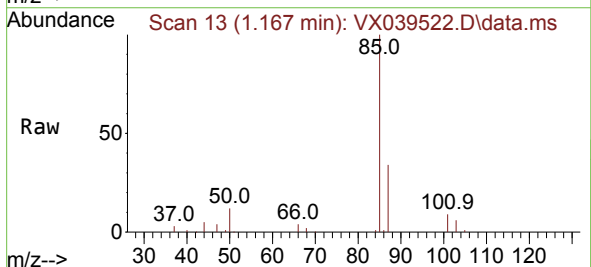
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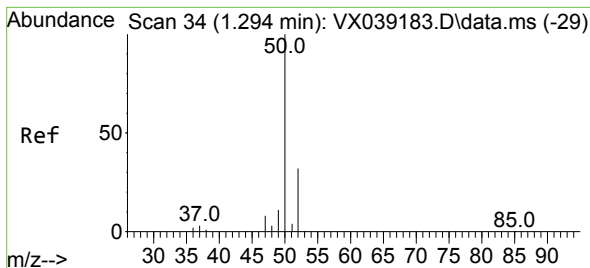
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#2
Dichlorodifluoromethane
Concen: 17.152 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 85 Resp: 26331
Ion Ratio Lower Upper
85 100
87 34.5 16.7 50.1





#3

Chloromethane

Concen: 18.580 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 50 Resp: 3162

Ion Ratio Lower Upper

50 100

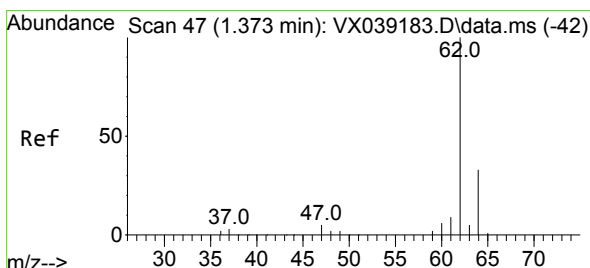
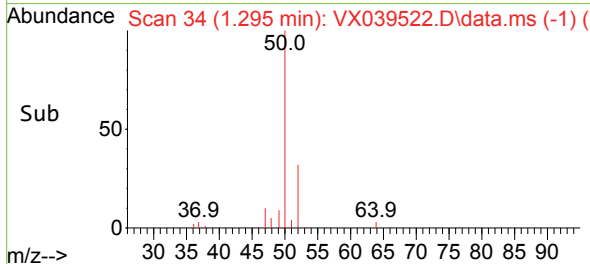
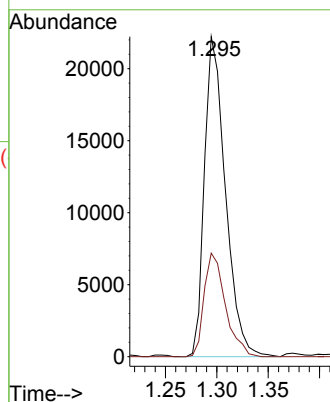
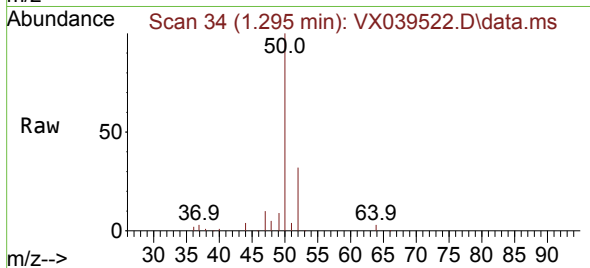
52 32.4 25.5 38.3

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 18.893 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039522.D

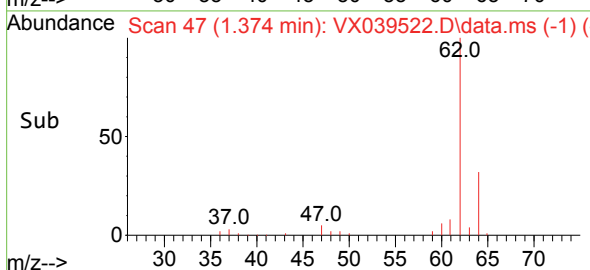
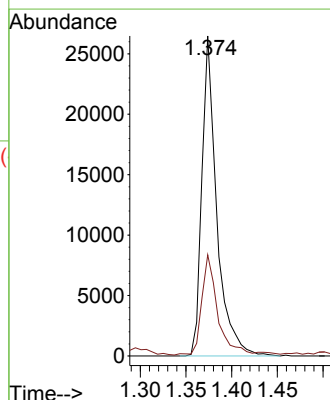
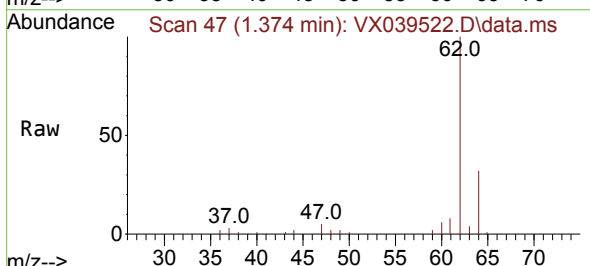
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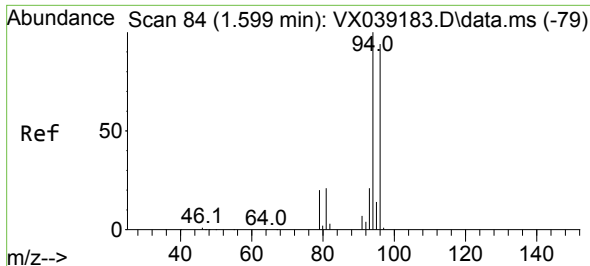
Tgt Ion: 62 Resp: 29904

Ion Ratio Lower Upper

62 100

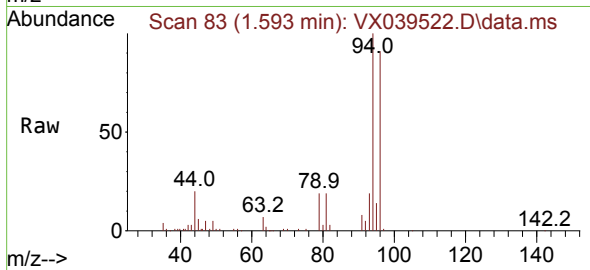
64 31.0 25.4 38.0





#5
Bromomethane
Concen: 15.657 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039522.D
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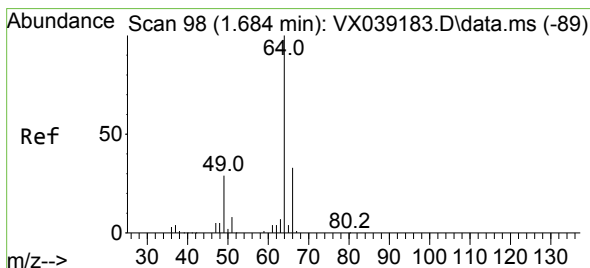
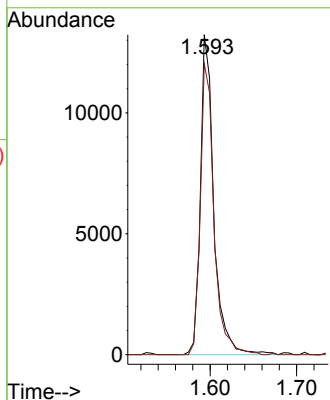
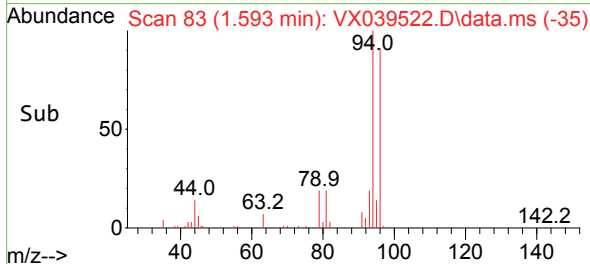
Instrument :
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Tgt Ion: 94 Resp: 14258
Ion Ratio Lower Upper
94 100
96 91.0 74.6 111.8

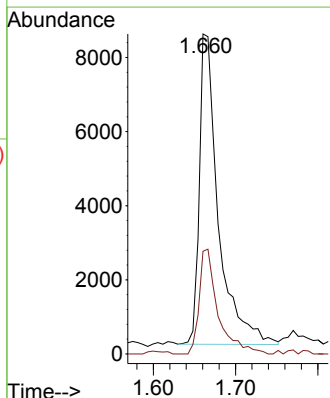
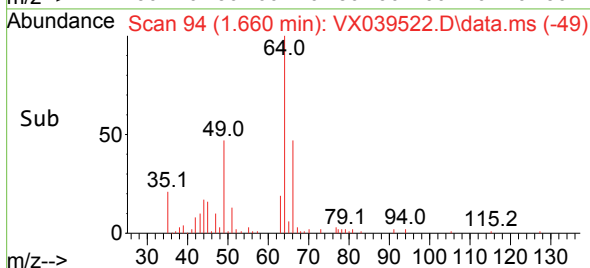
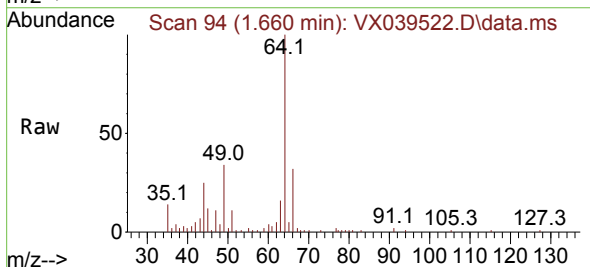
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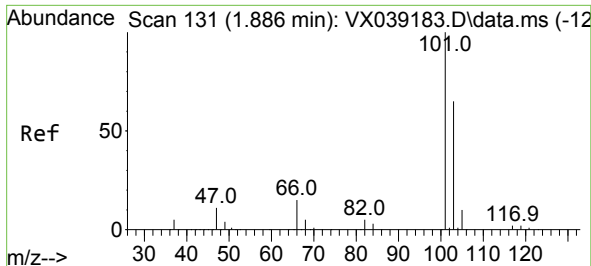
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#6
Chloroethane
Concen: 14.123 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

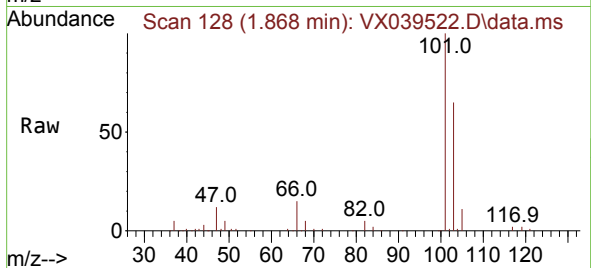
Tgt Ion: 64 Resp: 13471
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 17.795 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX039522.D
 Acq: 28 Dec 2023 17:26

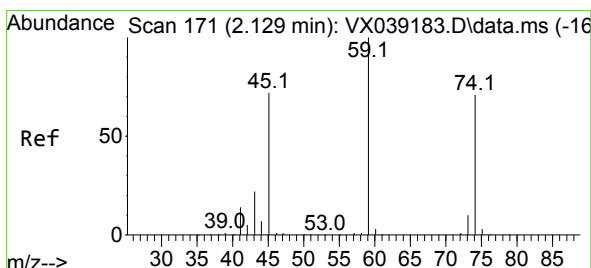
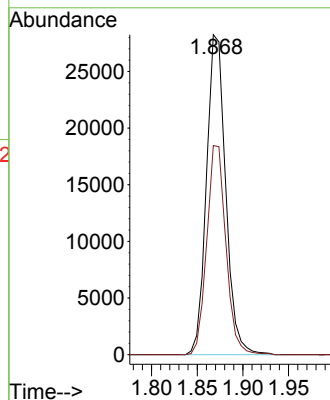
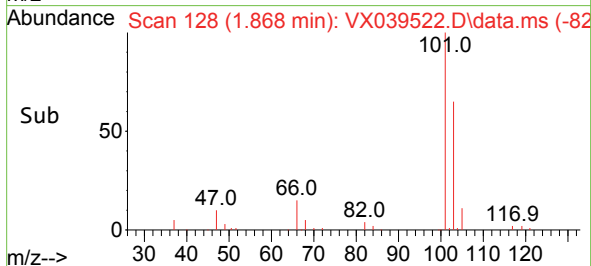
Instrument :
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 ClientSampleId :
 VX1228MBS01



Tgt Ion:101 Resp: 41244
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2

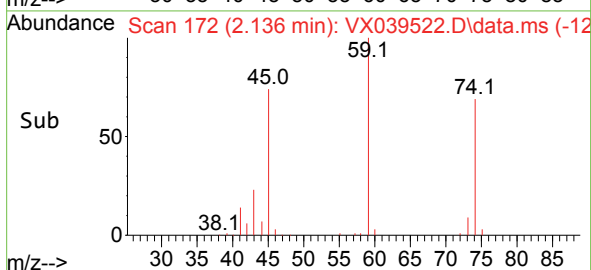
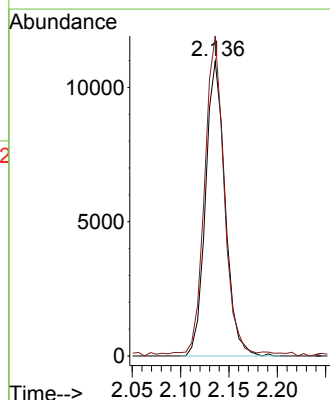
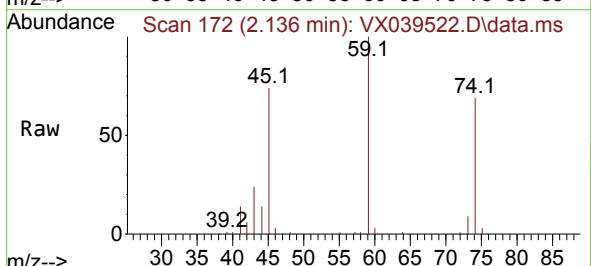
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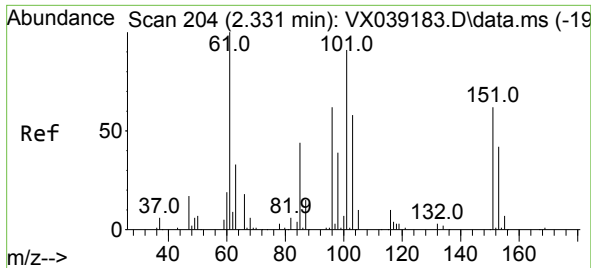
Reviewed By :John Carlone 12/29/2023
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#8
 Diethyl Ether
 Concen: 19.360 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX039522.D
 Acq: 28 Dec 2023 17:26

Tgt Ion: 74 Resp: 15530
 Ion Ratio Lower Upper
 74 100
 45 111.7 53.3 159.8





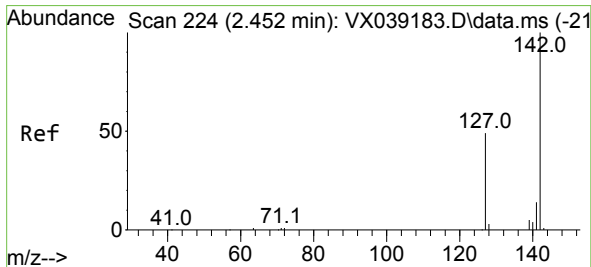
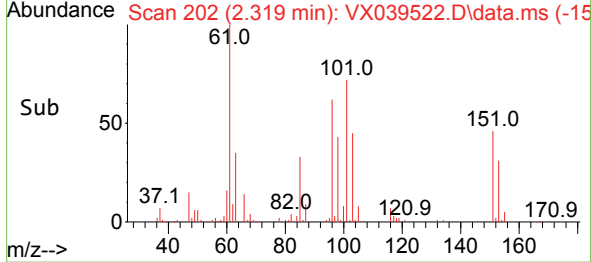
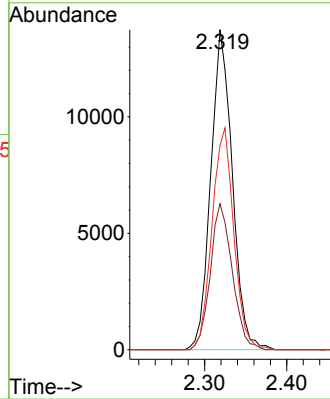
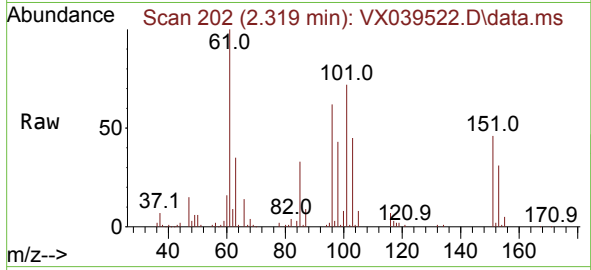
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.690 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion:101 Resp: 25020
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 70.3 58.6 87.8

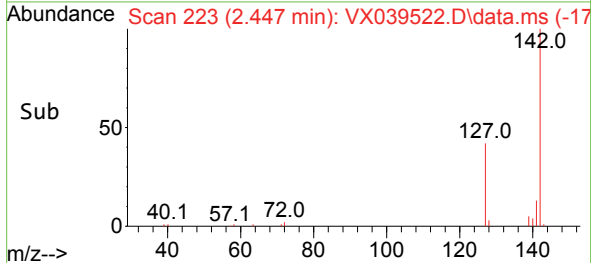
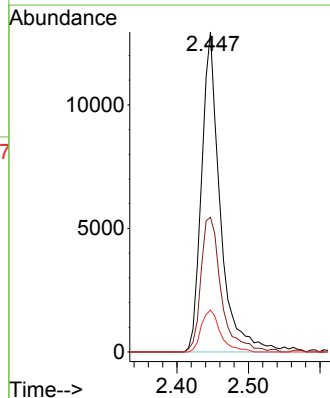
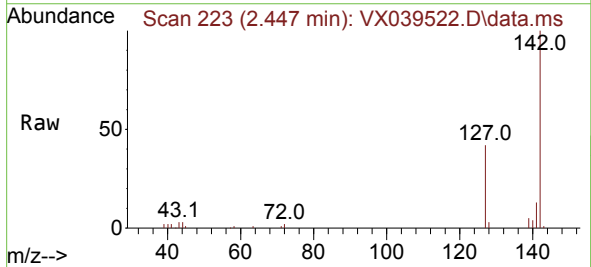
Manual Integrations
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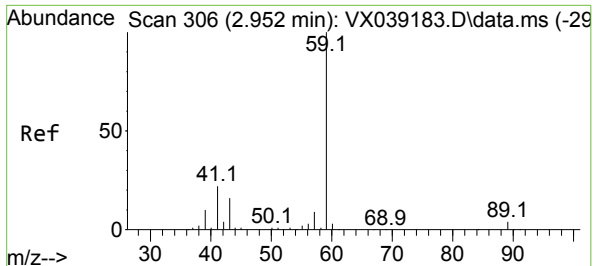
Reviewed By :John Carbone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#10
Methyl Iodide
Concen: 15.997 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion:142 Resp: 23387
Ion Ratio Lower Upper
142 100
127 46.2 41.6 62.4
141 13.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 104.990 ug/l

RT: 2.995 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 59 Resp: 5276

Ion Ratio Lower Upper

59 100

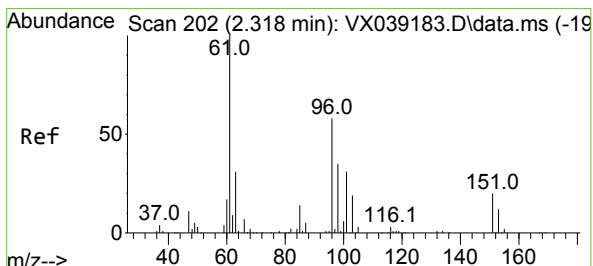
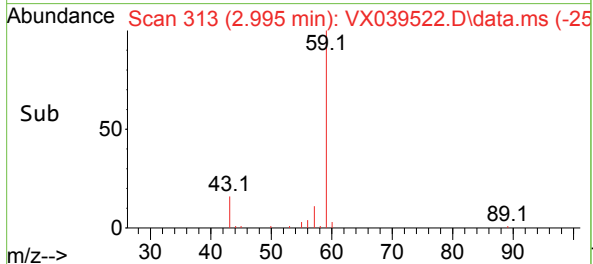
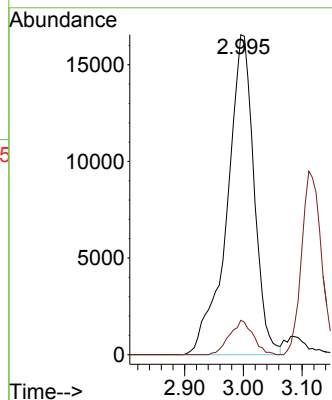
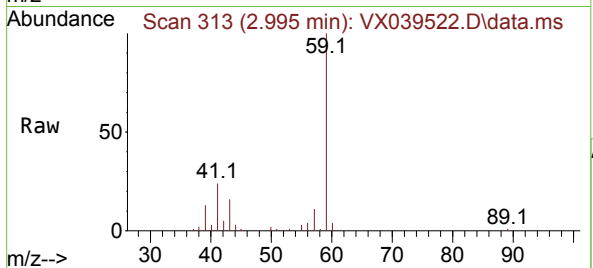
57 9.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#12

1,1-Dichloroethene

Concen: 18.004 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

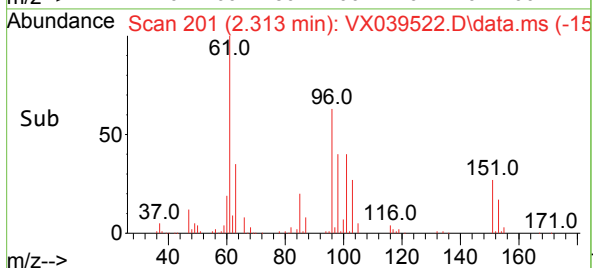
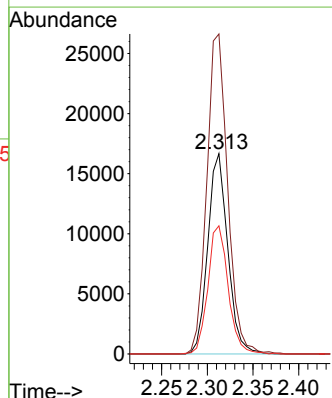
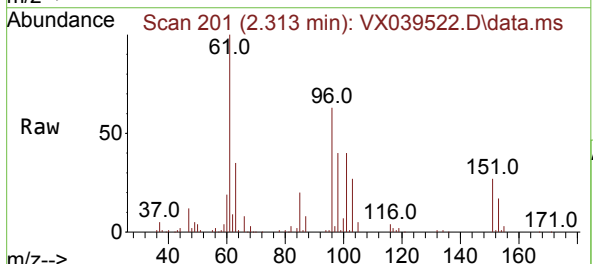
Tgt Ion: 96 Resp: 25294

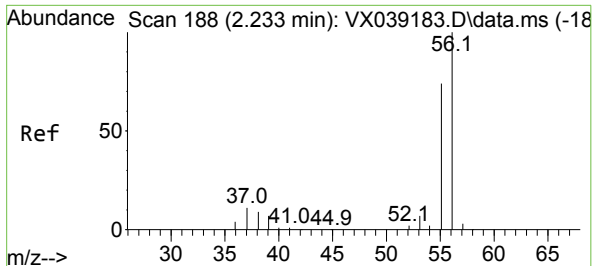
Ion Ratio Lower Upper

96 100

61 159.8 144.6 216.8

98 64.0 50.4 75.6





#13

Acrolein

Concen: 104.737 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 56 Resp: 41994

Ion Ratio Lower Upper

56 100

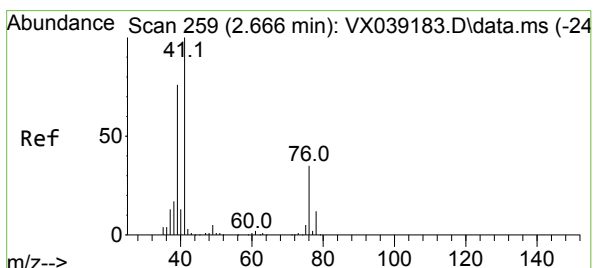
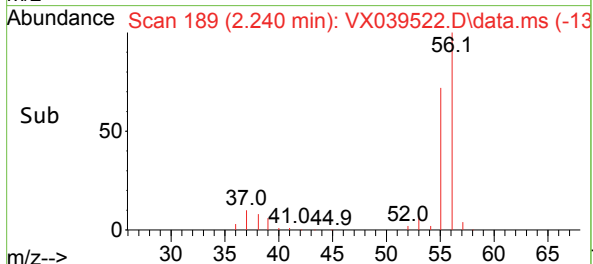
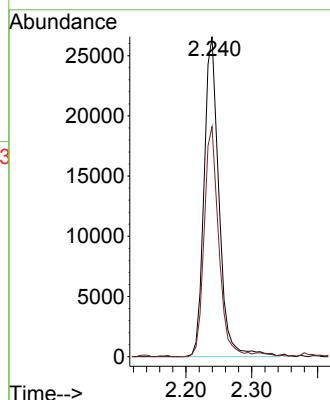
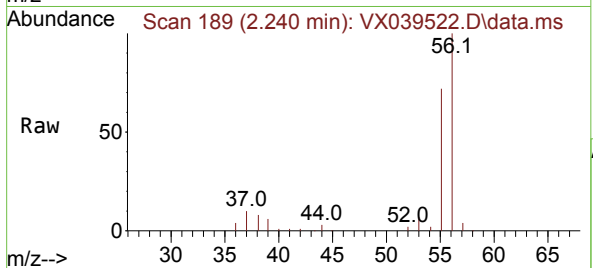
55 70.2 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#14

Allyl chloride

Concen: 17.337 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

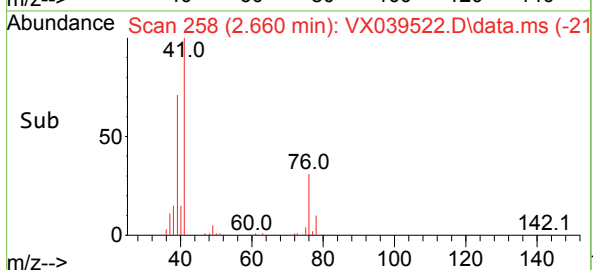
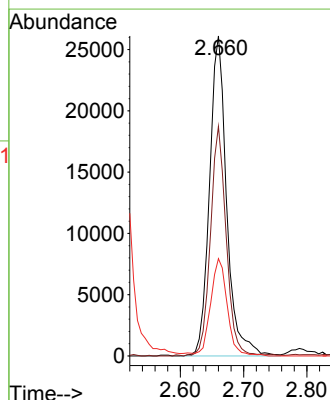
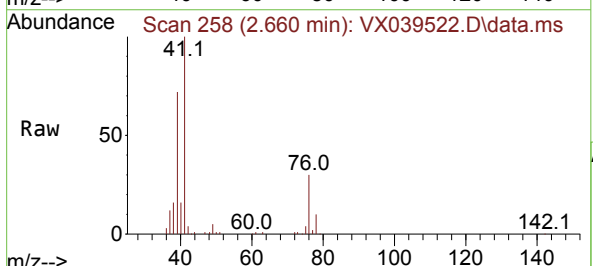
Tgt Ion: 41 Resp: 49343

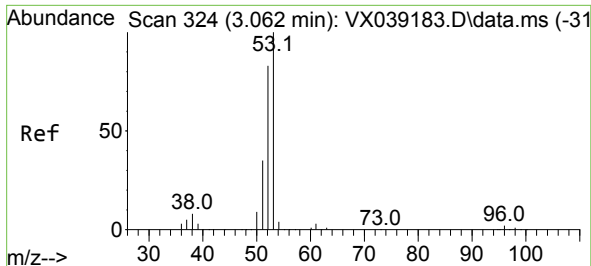
Ion Ratio Lower Upper

41 100

39 66.0 55.8 83.6

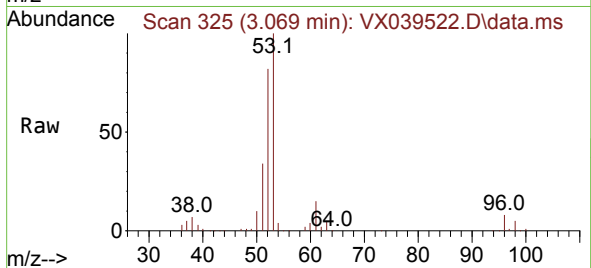
76 29.2 24.3 36.5





#15
Acrylonitrile
Concen: 100.931 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

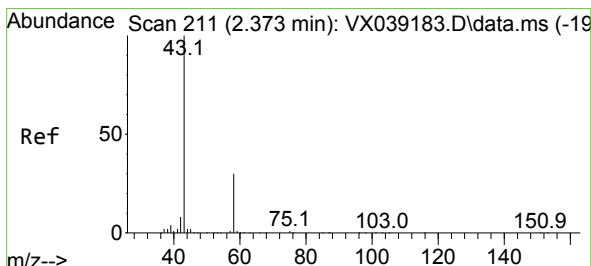
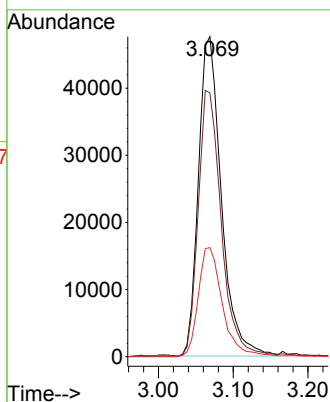
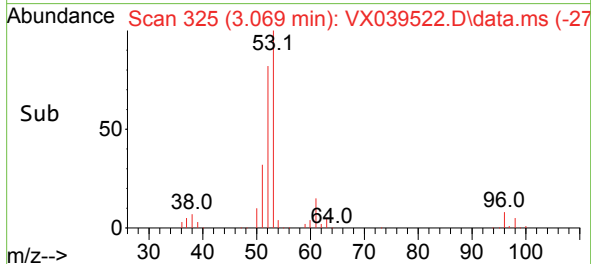
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion: 53 Resp: 101530
Ion Ratio Lower Upper
53 100
52 84.5 66.0 99.0
51 35.4 29.8 44.6

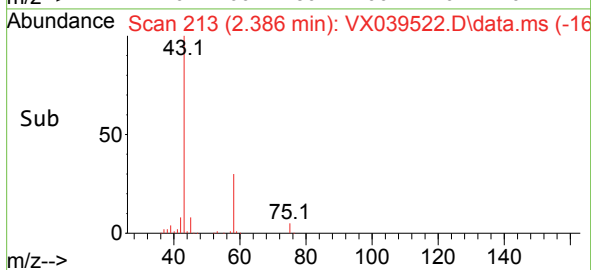
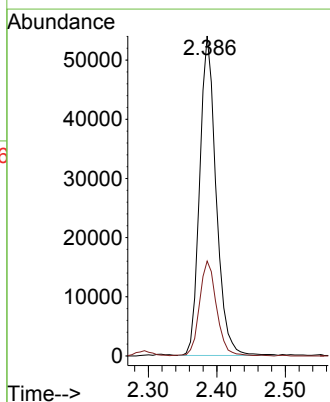
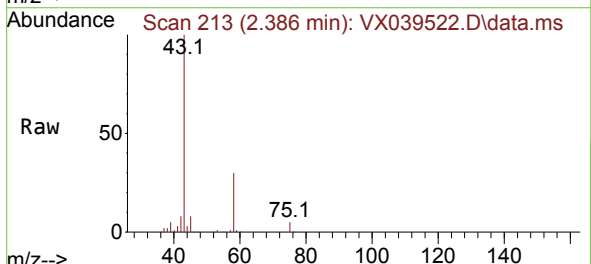
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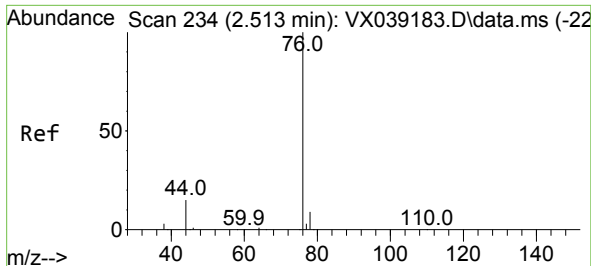
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#16
Acetone
Concen: 59.543 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 43 Resp: 90094
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





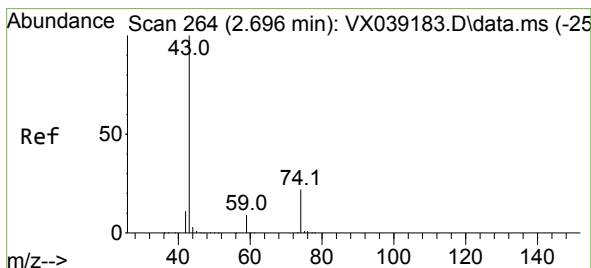
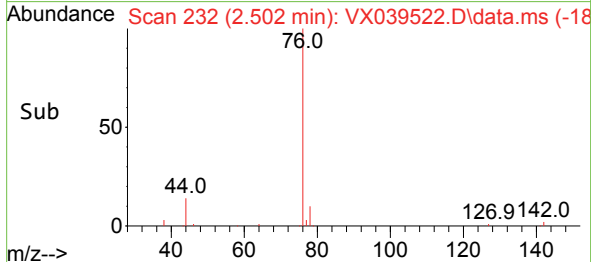
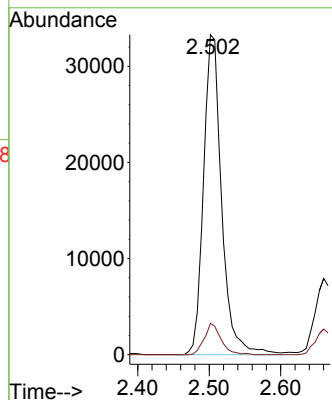
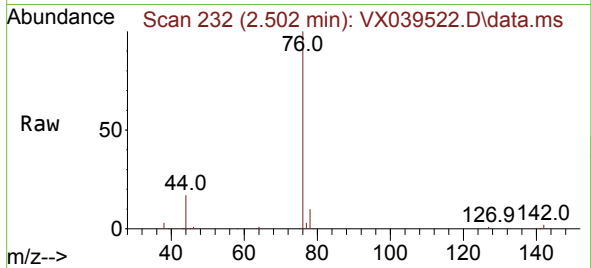
#17
Carbon Disulfide
Concen: 14.256 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion: 76 Resp: 5861
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

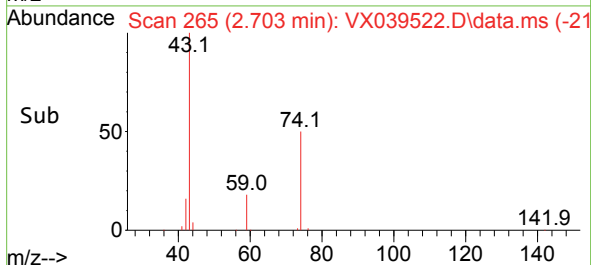
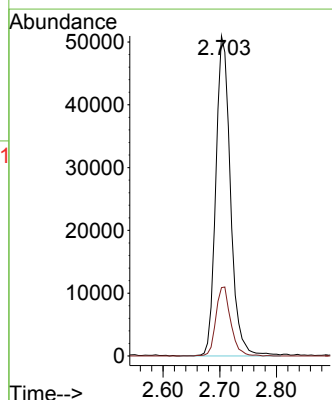
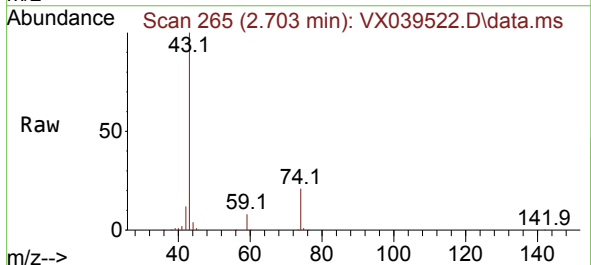
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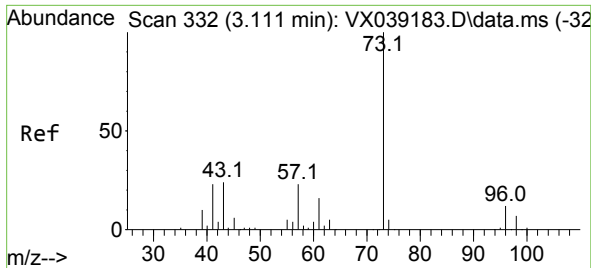
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#18
Methyl Acetate
Concen: 21.187 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 43 Resp: 91716
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8





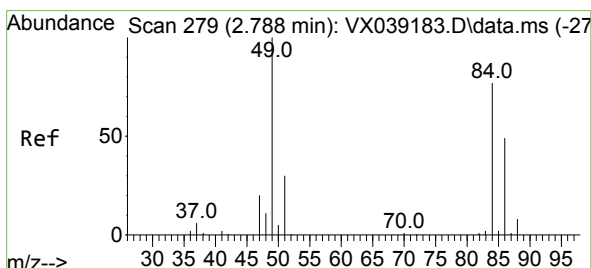
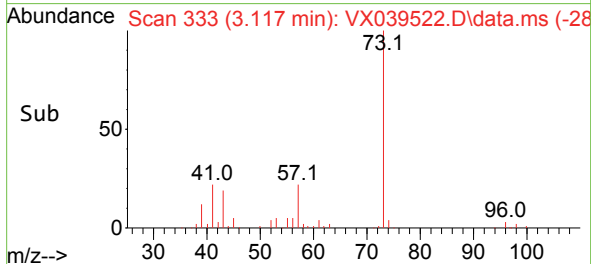
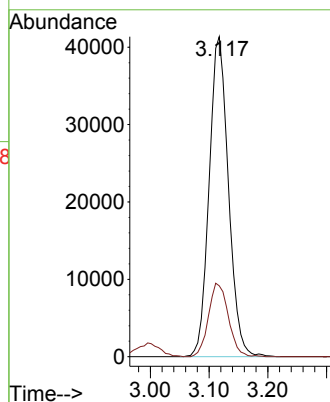
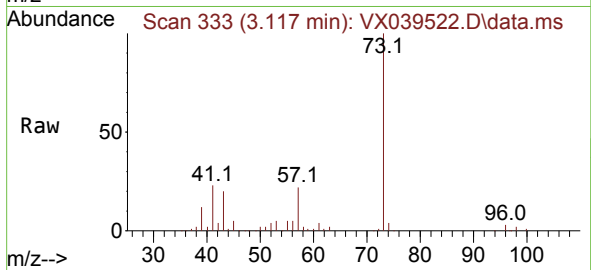
#19
Methyl tert-butyl Ether
Concen: 18.525 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion: 73 Resp: 94129
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

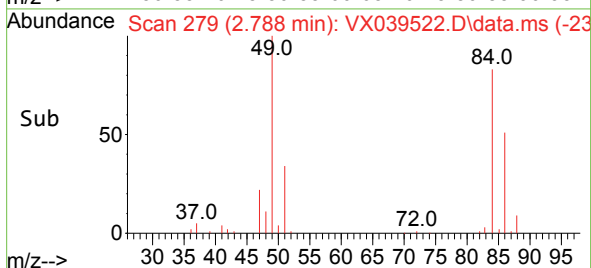
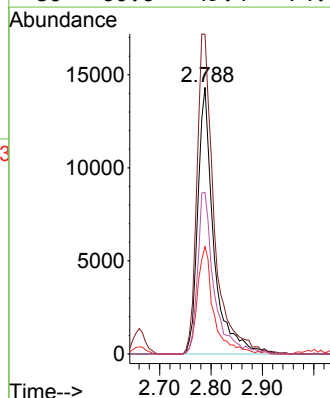
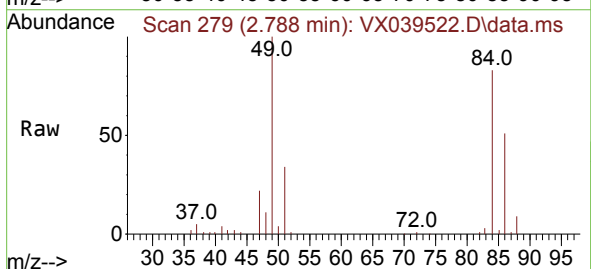
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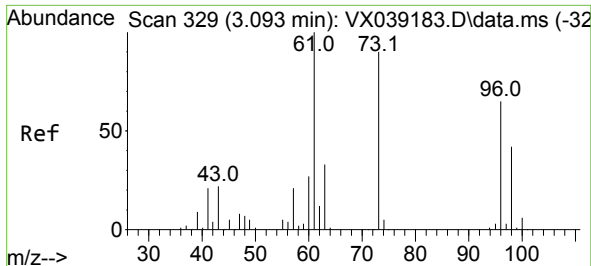
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#20
Methylene Chloride
Concen: 18.584 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 84 Resp: 31006
Ion Ratio Lower Upper
84 100
49 119.9 103.6 155.4
51 40.2 33.8 50.6
86 60.6 49.4 74.0





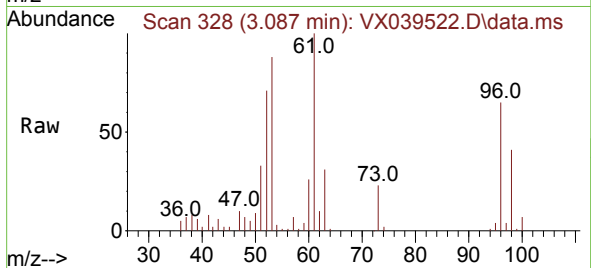
#21
trans-1,2-Dichloroethene
Concen: 17.131 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

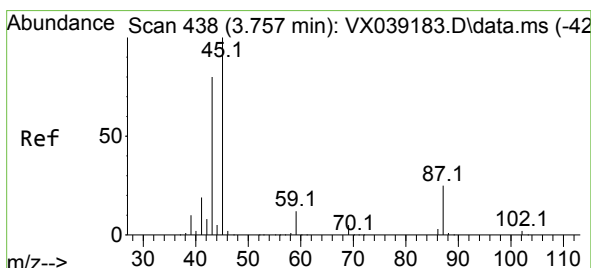
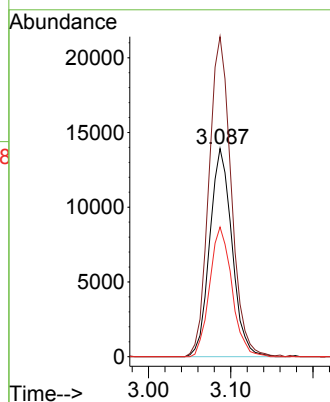
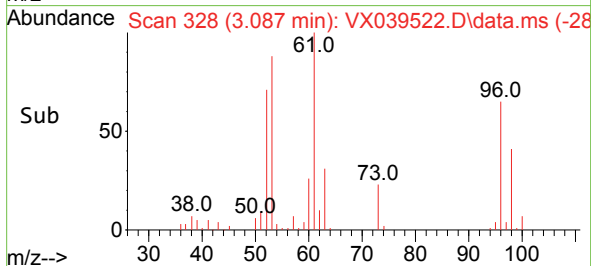


Tgt Ion: 96 Resp: 26189
Ion Ratio Lower Upper
96 100
61 153.7 119.2 178.8
98 62.3 48.7 73.1

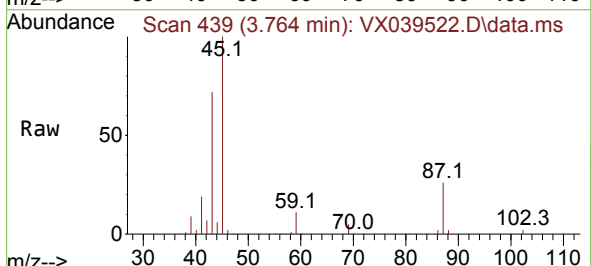
Manual Integrations

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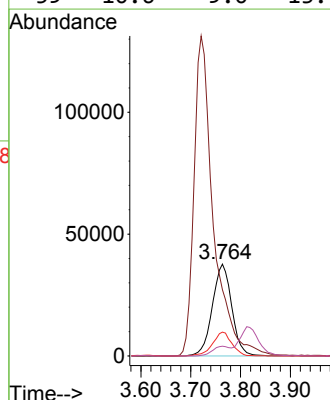
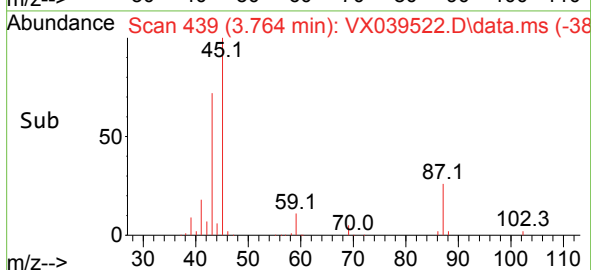
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

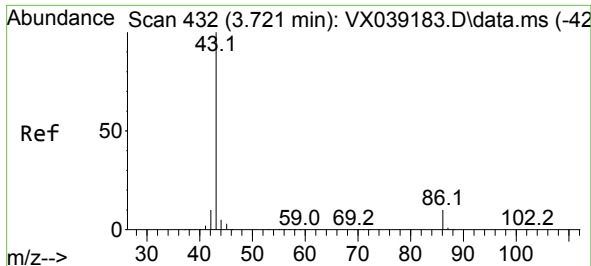


#22
Diisopropyl ether
Concen: 19.684 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26



Tgt Ion: 45 Resp: 101979
Ion Ratio Lower Upper
45 100
43 71.1 69.7 104.5
87 26.0 20.8 31.2
59 10.6 9.0 13.4





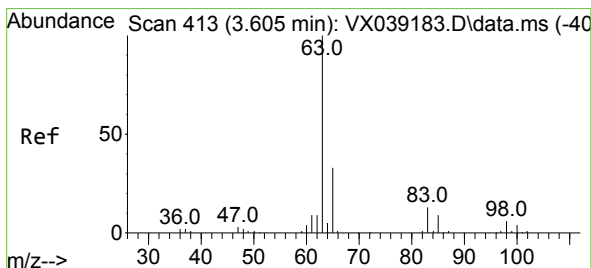
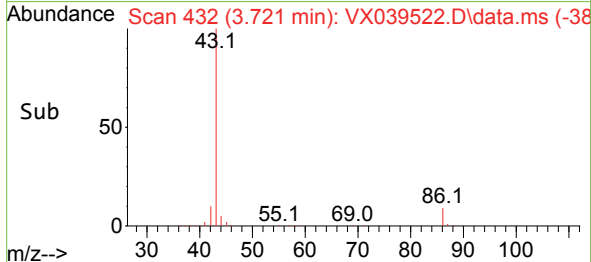
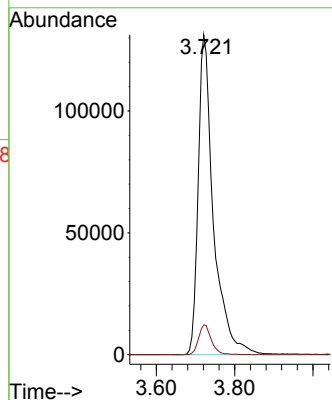
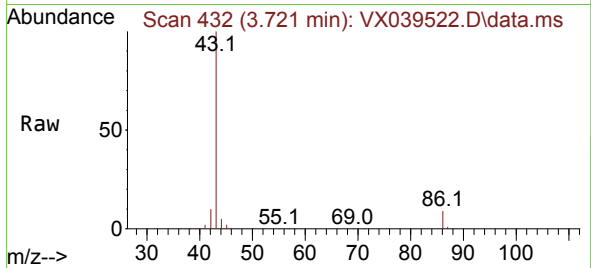
#23
 Vinyl Acetate
 Concen: 92.334 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039522.D
 Acq: 28 Dec 2023 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228MBS01

Tgt Ion: 43 Resp: 35612
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

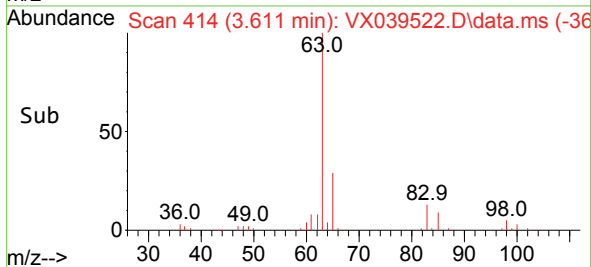
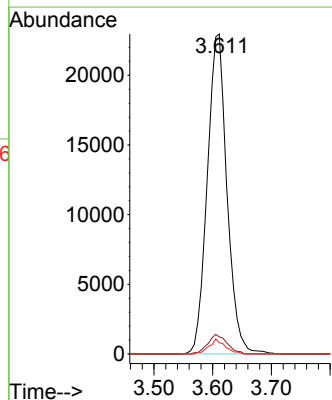
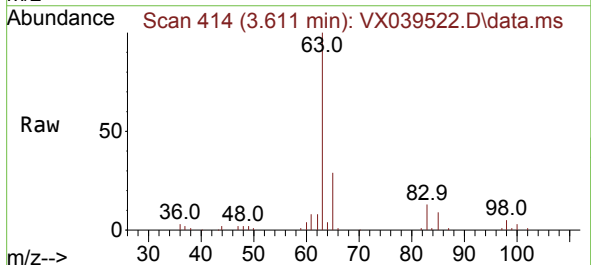
Manual Integrations
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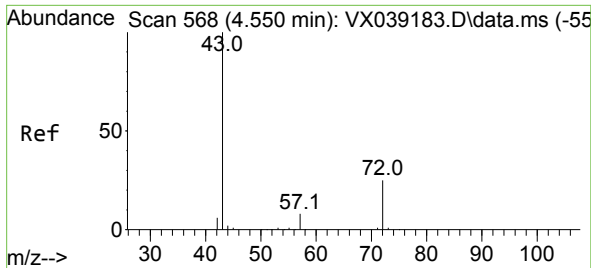
Reviewed By :John Carlone 12/29/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#24
 1,1-Dichloroethane
 Concen: 18.269 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039522.D
 Acq: 28 Dec 2023 17:26

Tgt Ion: 63 Resp: 53502
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.8
 100 3.5 2.1 6.5





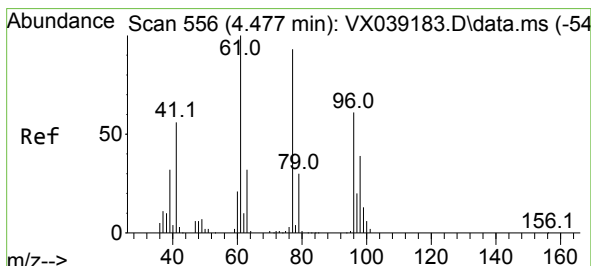
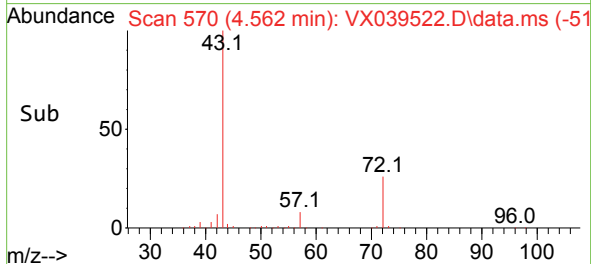
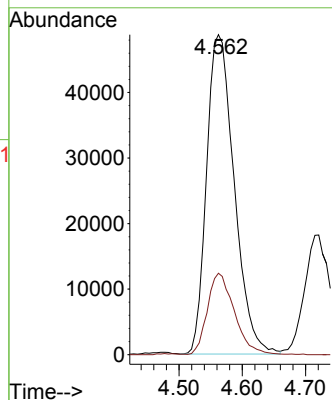
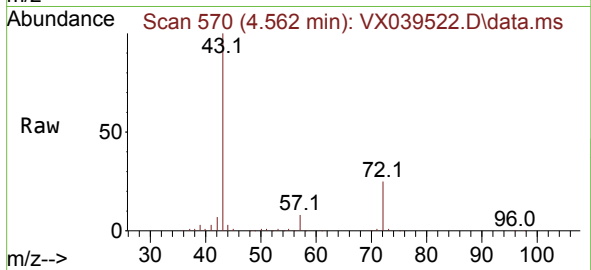
#25
2-Butanone
Concen: 85.853 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion: 43 Resp: 148274
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2

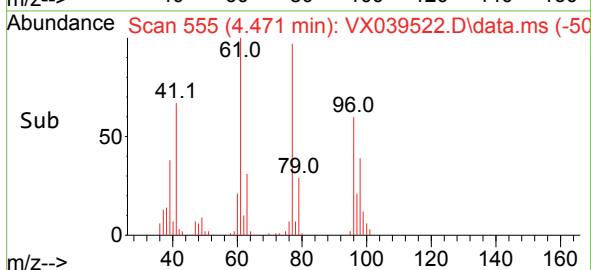
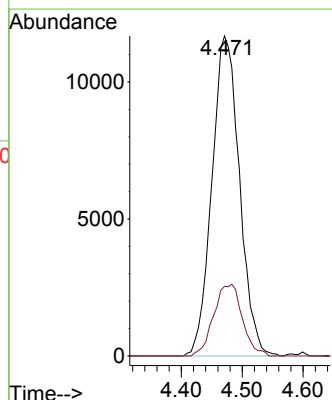
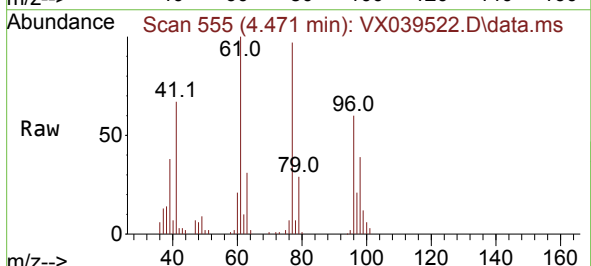
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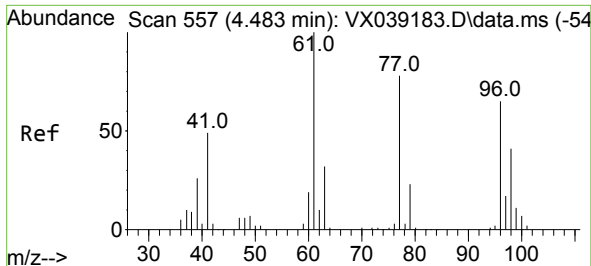
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#26
2,2-Dichloropropane
Concen: 14.364 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 77 Resp: 36724
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.390 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 96 Resp: 3103

Ion Ratio Lower Upper

96 100

61 155.5 0.0 312.2

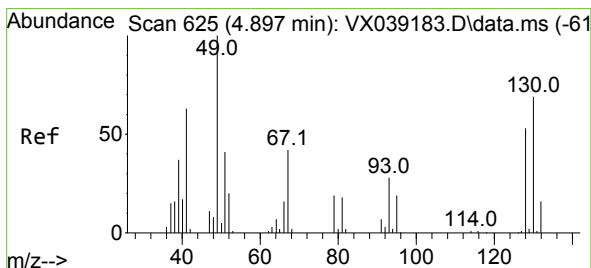
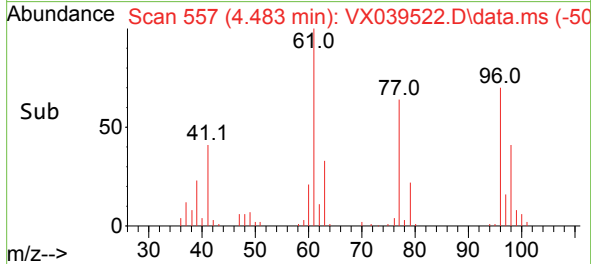
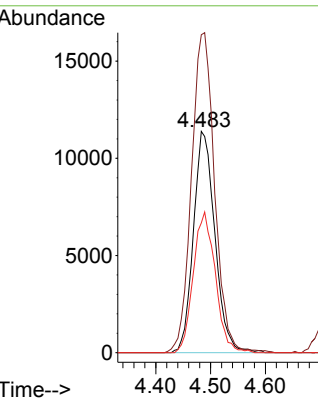
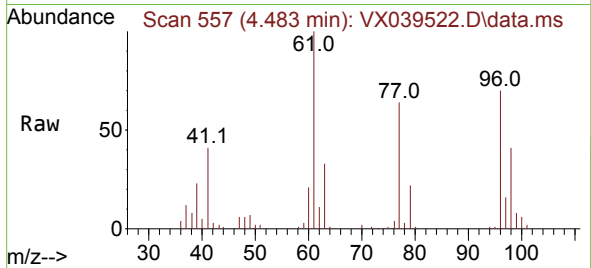
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#28

Bromochloromethane

Concen: 17.686 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

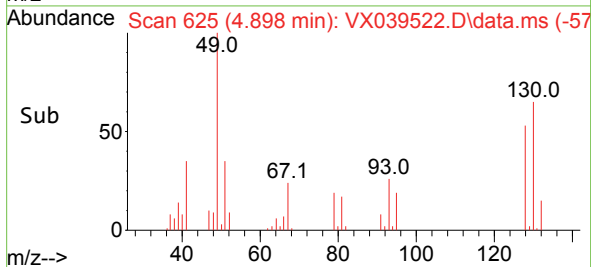
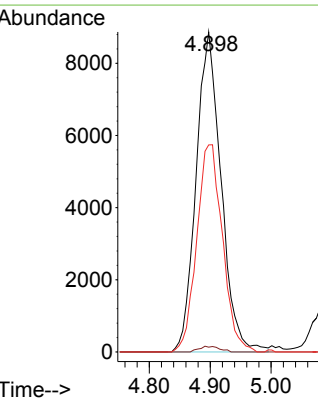
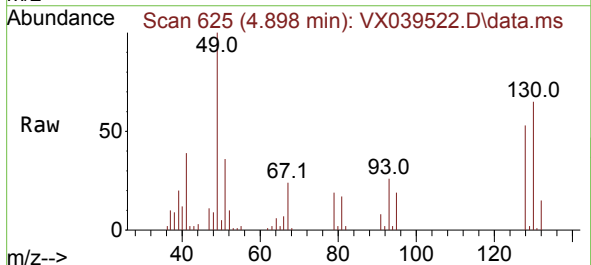
Tgt Ion: 49 Resp: 25272

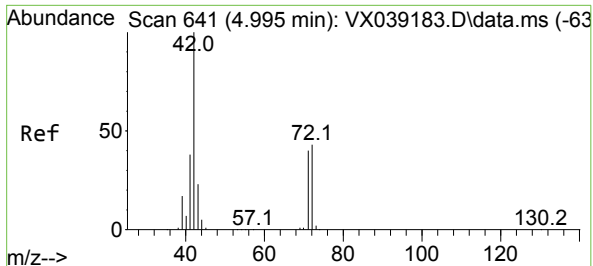
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 66.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 105.071 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.013 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 42 Resp: 10021

Ion Ratio Lower Upper

42 100

72 41.6 34.2 51.4

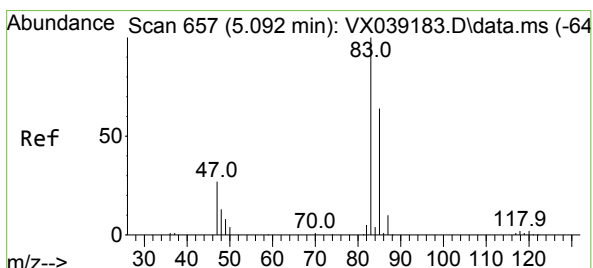
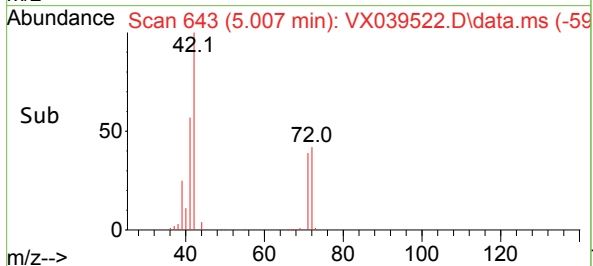
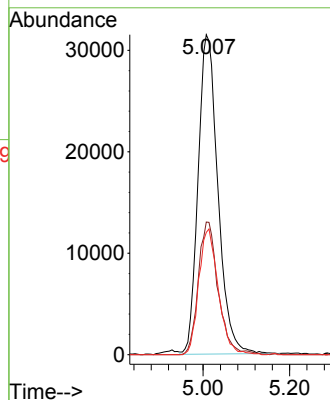
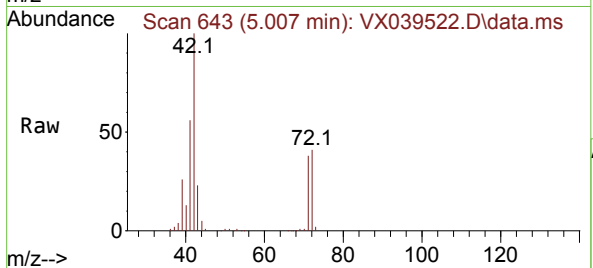
71 38.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#30

Chloroform

Concen: 18.154 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039522.D

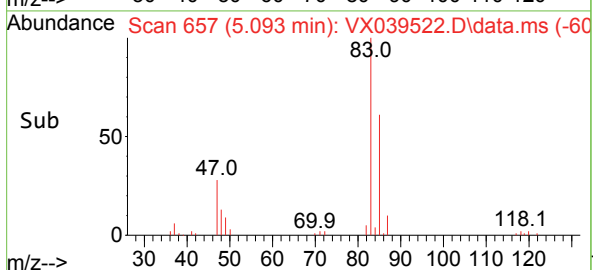
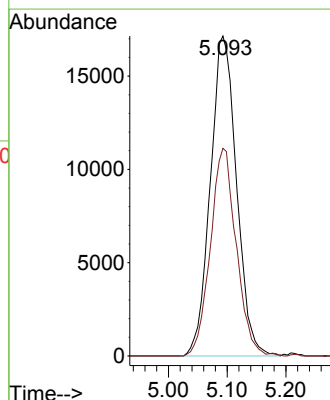
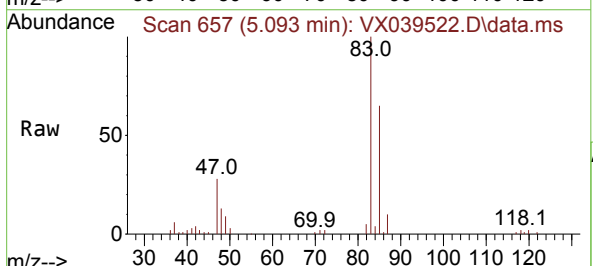
Acq: 28 Dec 2023 17:26

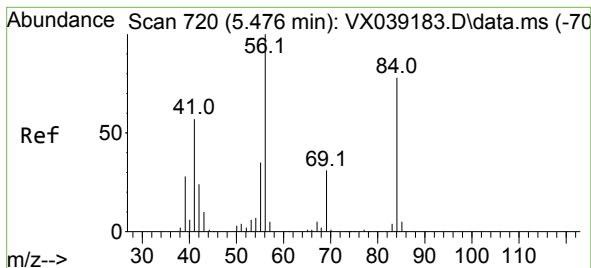
Tgt Ion: 83 Resp: 53131

Ion Ratio Lower Upper

83 100

85 64.9 50.3 75.5





#31

Cyclohexane

Concen: 17.612 ug/l

RT: 5.465 min Scan# 718

Delta R.T. -0.012 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

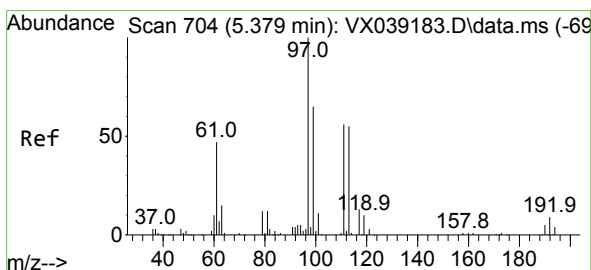
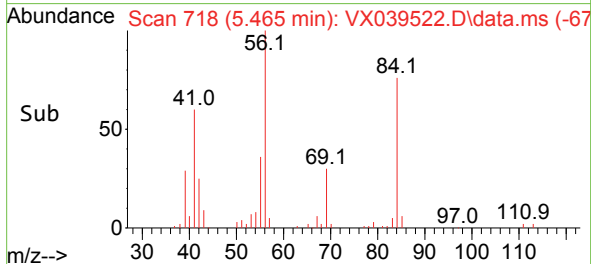
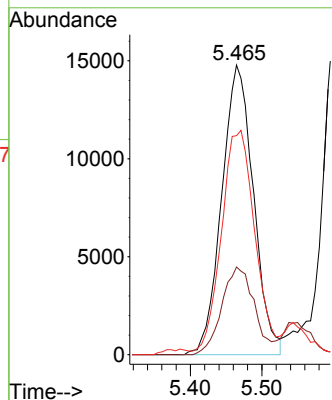
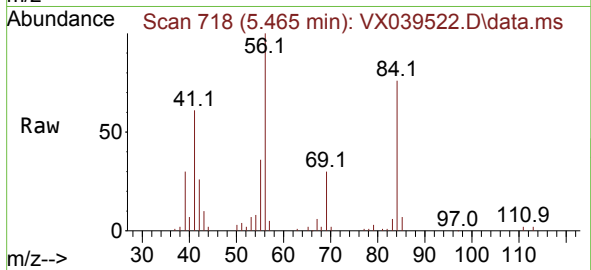
Tgt Ion: 56	Resp: 4552
Ion Ratio	Lower Upper
56	100
69	30.3 23.4 35.2
84	73.7 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#32

1,1,1-Trichloroethane

Concen: 17.200 ug/l

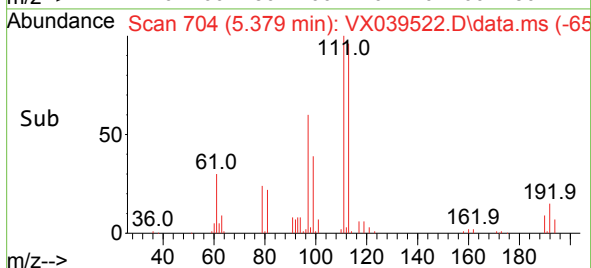
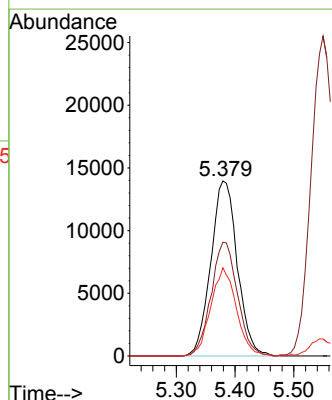
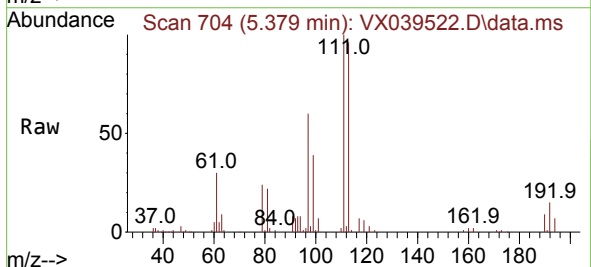
RT: 5.379 min Scan# 704

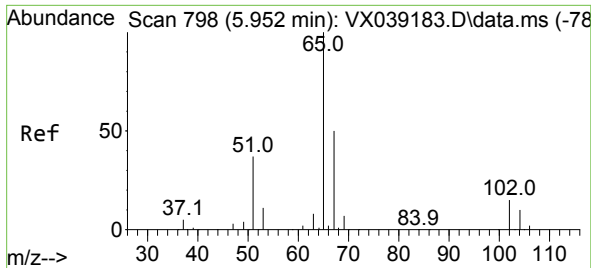
Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Tgt Ion: 97	Resp: 43700
Ion Ratio	Lower Upper
97	100
99	64.7 51.1 76.7
61	48.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.078 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 65 Resp: 96224

Ion Ratio Lower Upper

65 100

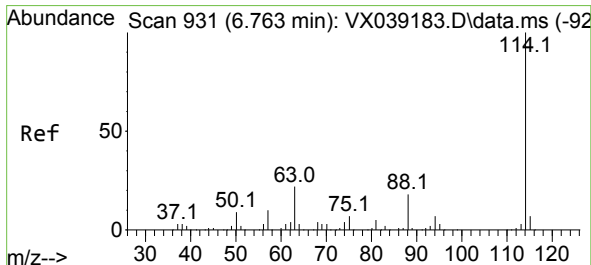
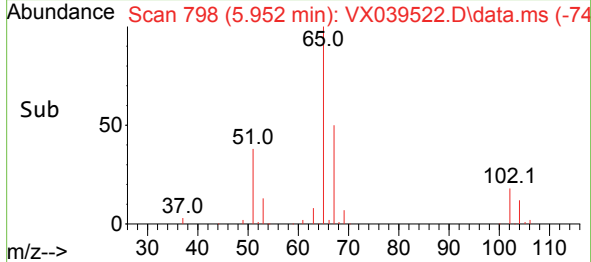
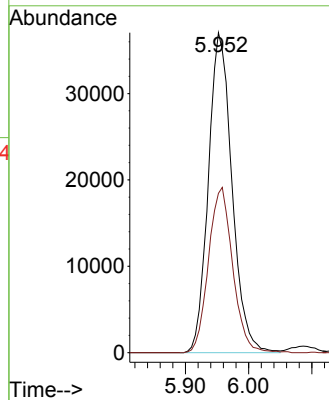
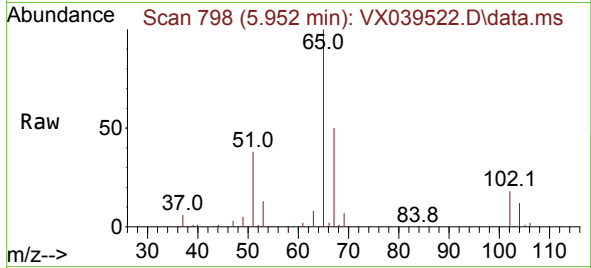
67 52.8 0.0 100.2

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: VX039522.D

Acq: 28 Dec 2023 17:26

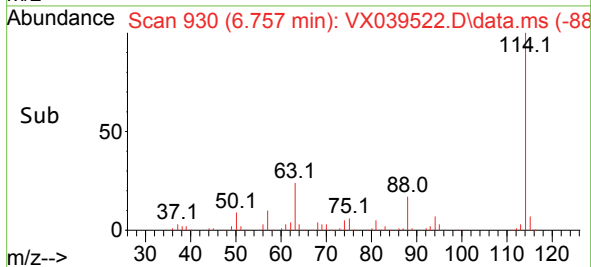
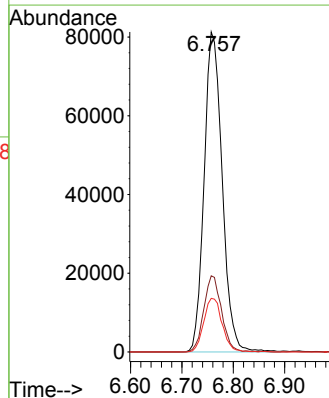
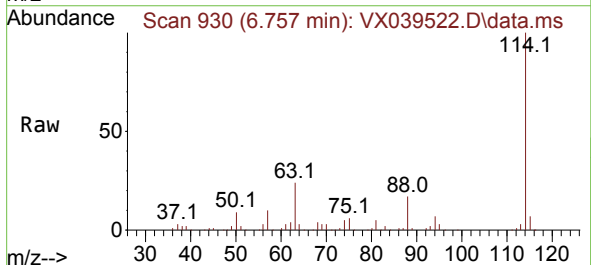
Tgt Ion:114 Resp: 198347

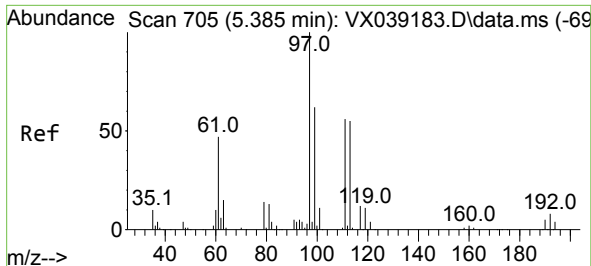
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

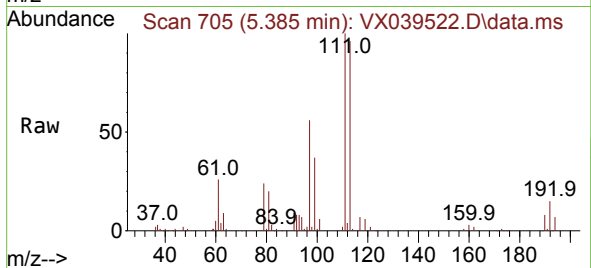
88 16.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.137 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

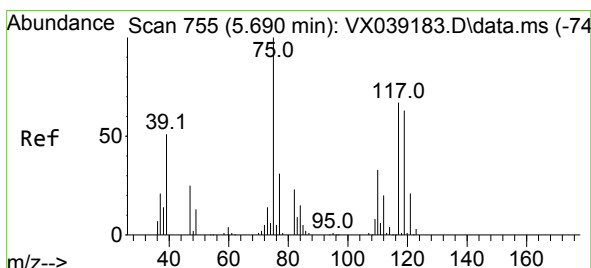
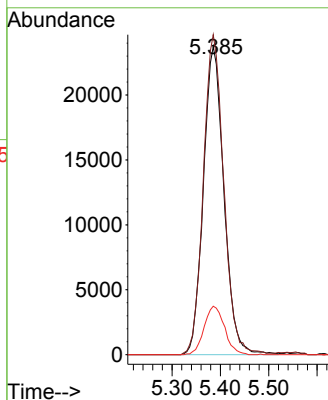
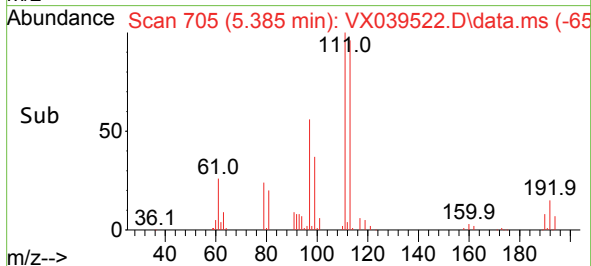
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion:113 Resp: 70072
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 15.7 13.3 19.9

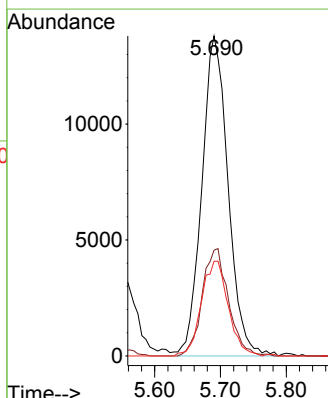
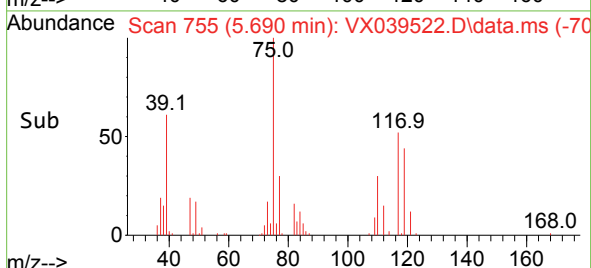
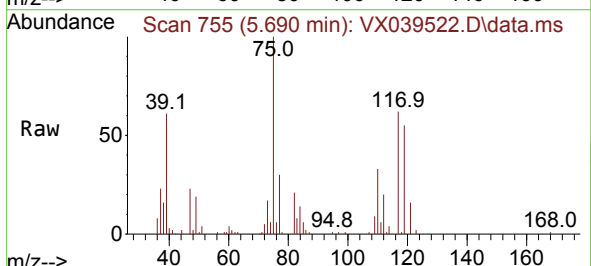
Manual Integrations
APPROVED

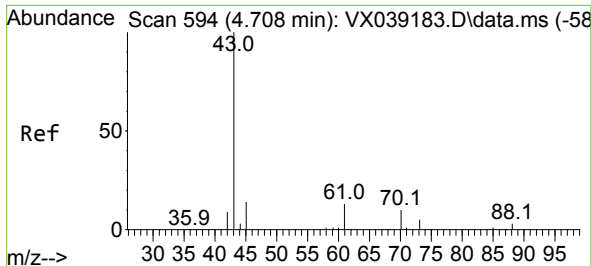
Reviewed By :John Carbone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#36
1,1-Dichloropropene
Concen: 17.706 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 75 Resp: 38286
Ion Ratio Lower Upper
75 100
110 33.6 17.0 50.9
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 20.232 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.013 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

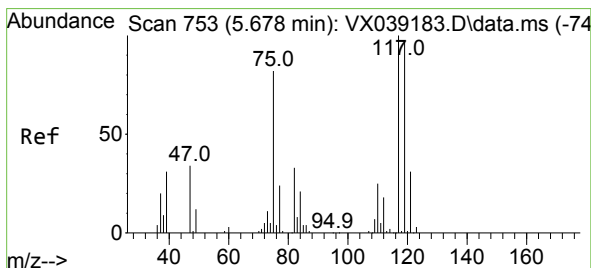
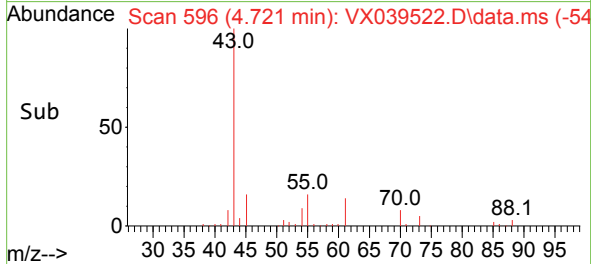
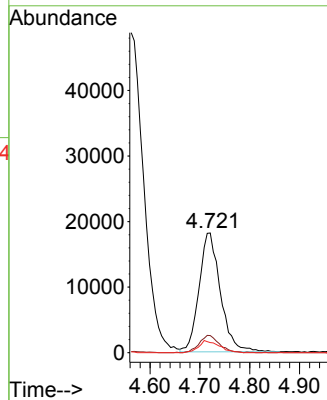
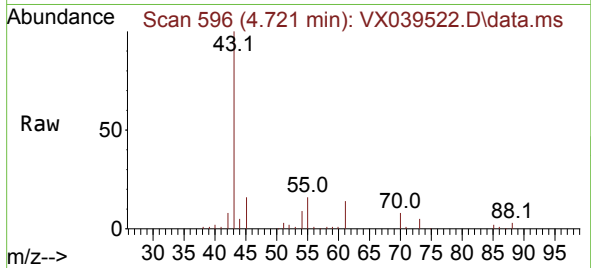
Tgt Ion: 43	Resp: 54050
Ion Ratio	Lower Upper
43 100	
61 13.7	10.6 16.0
70 9.6	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#38

Carbon Tetrachloride

Concen: 16.129 ug/l

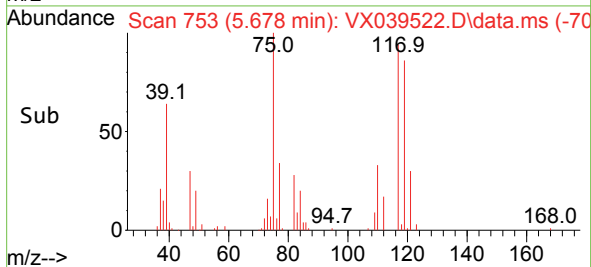
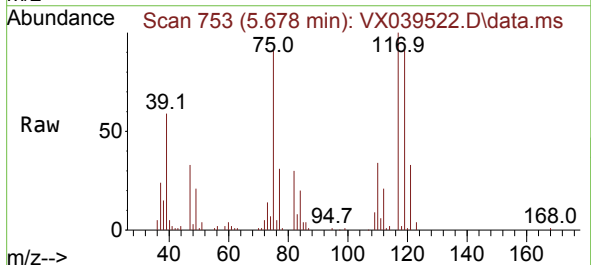
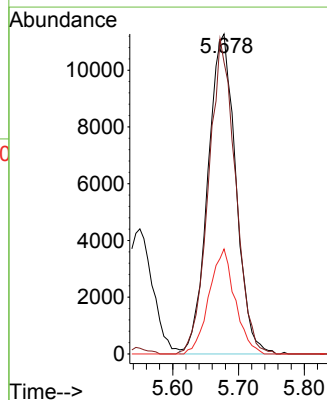
RT: 5.678 min Scan# 753

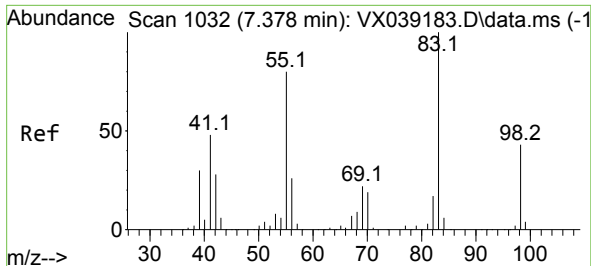
Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Tgt Ion:117	Resp: 33284
Ion Ratio	Lower Upper
117 100	
119 91.1	78.2 117.2
121 32.8	24.4 36.6





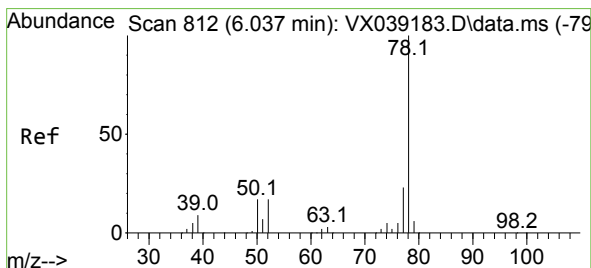
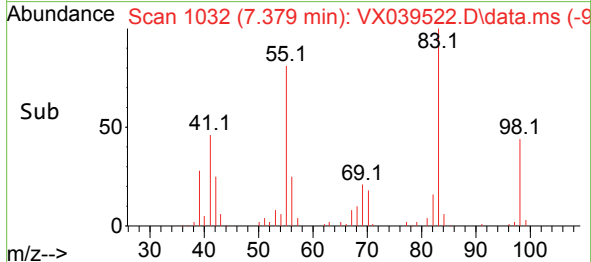
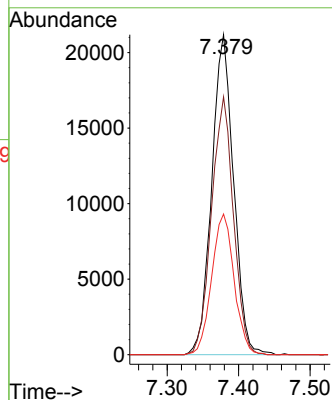
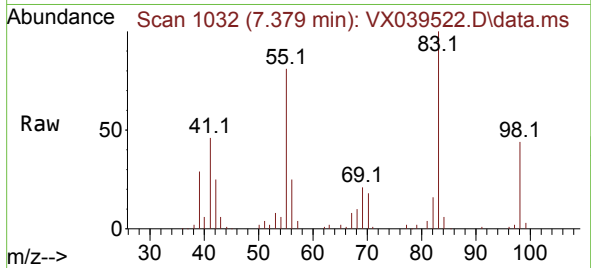
#39
Methylcyclohexane
Concen: 17.306 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion: 83 Resp: 4495
Ion Ratio Lower Upper
83 100
55 80.6 64.6 97.0
98 43.9 36.7 55.1

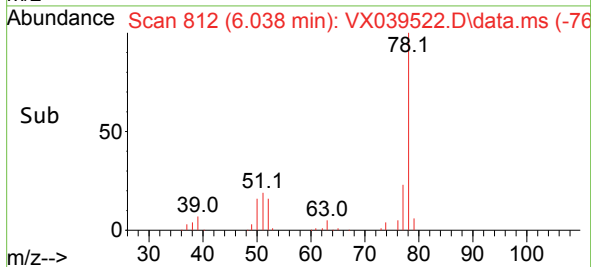
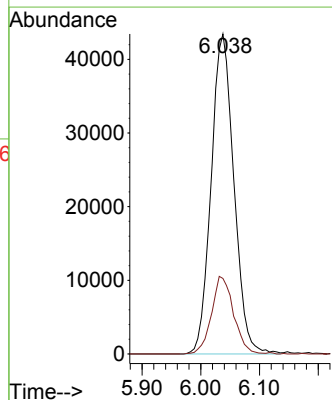
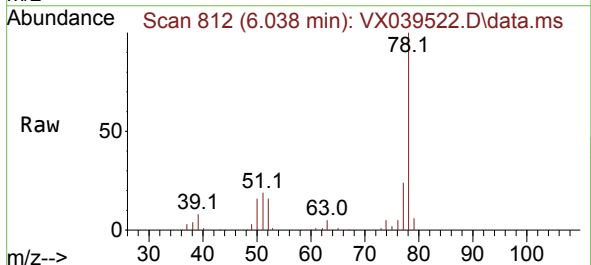
Manual Integrations
APPROVED

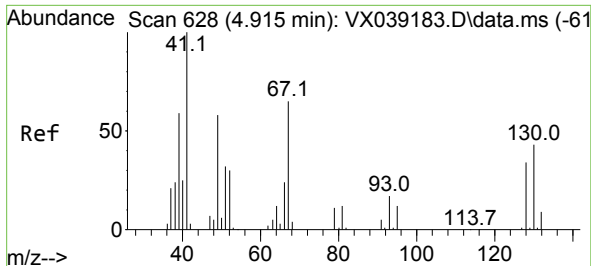
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#40
Benzene
Concen: 19.097 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

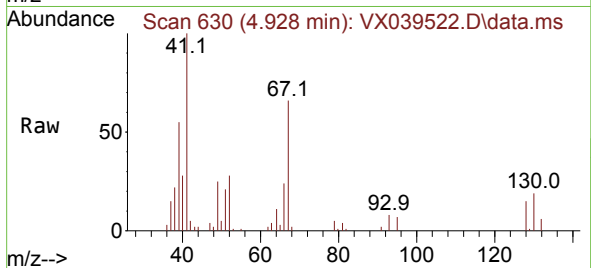
Tgt Ion: 78 Resp: 116812
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 20.033 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

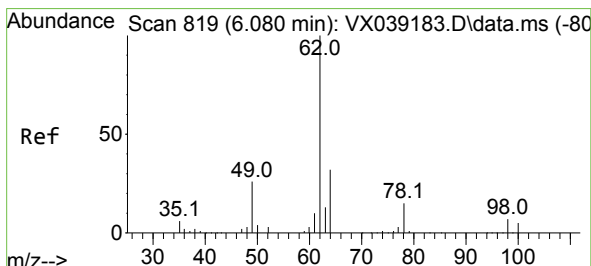
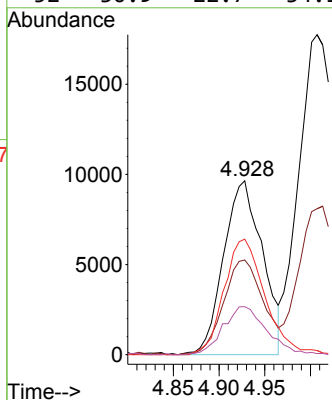
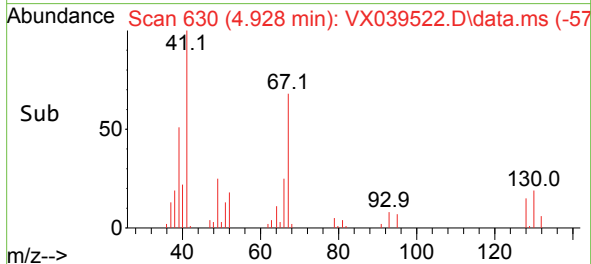
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion: 41 Resp: 28554
Ion Ratio Lower Upper
41 100
39 55.6 45.2 67.8
67 70.0 52.6 78.8
52 30.9 22.7 34.1

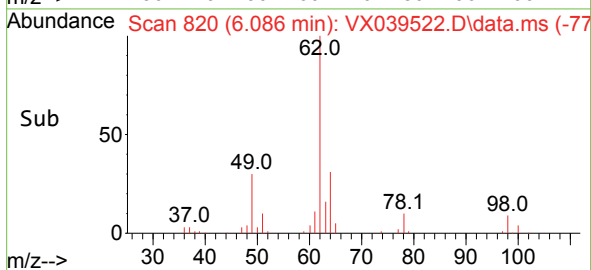
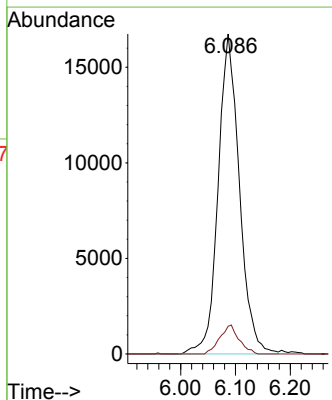
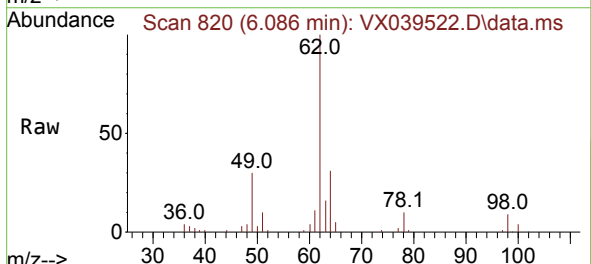
Manual Integrations
APPROVED

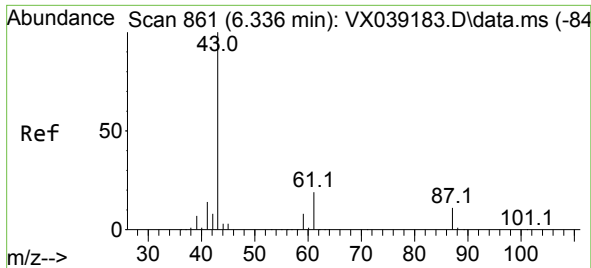
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#42
1,2-Dichloroethane
Concen: 18.223 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 62 Resp: 45119
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.624 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

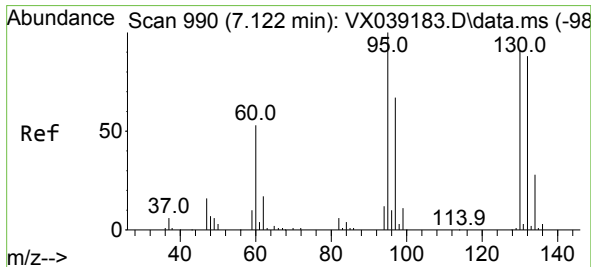
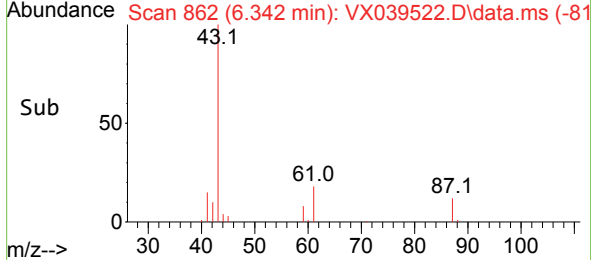
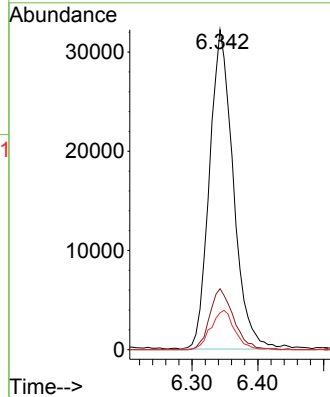
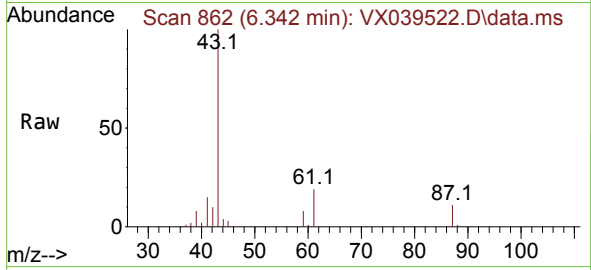
Tgt Ion: 43	Resp: 80900
Ion Ratio	Lower Upper
43	100
61	19.2 15.2 22.8
87	12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#44

Trichloroethene

Concen: 16.727 ug/l

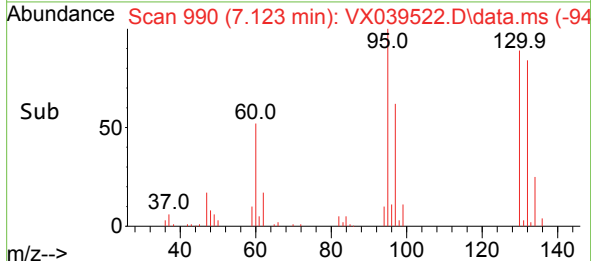
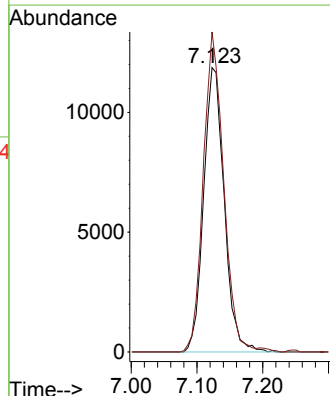
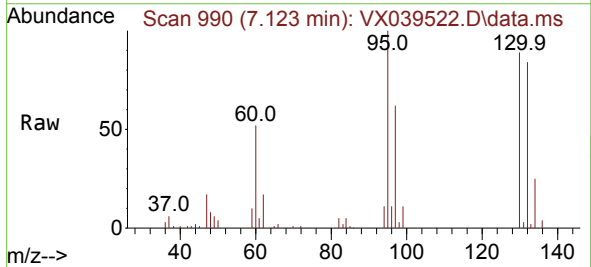
RT: 7.123 min Scan# 990

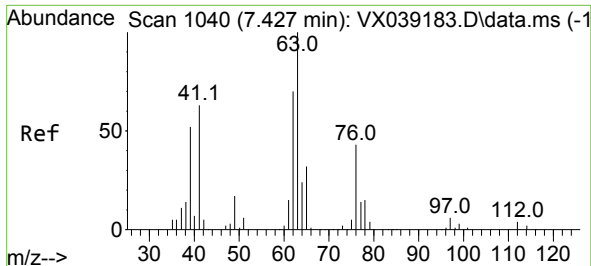
Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Tgt Ion:130	Resp: 25818
Ion Ratio	Lower Upper
130	100
95	112.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.187 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 63 Resp: 3149

Ion Ratio Lower Upper

63 100

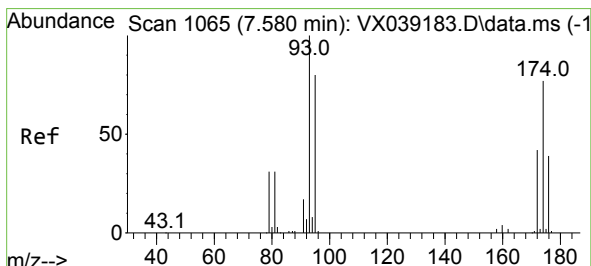
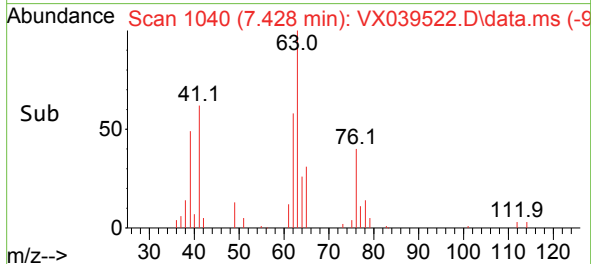
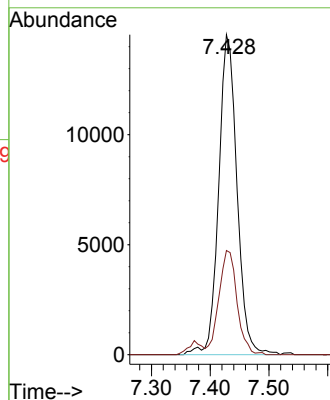
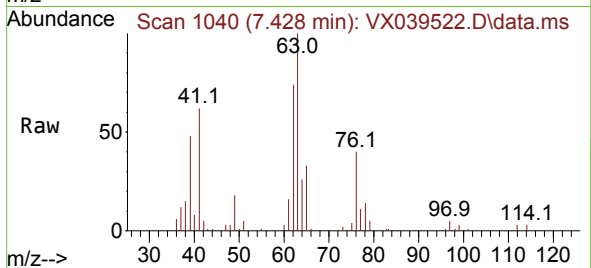
65 32.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#46

Dibromomethane

Concen: 18.048 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

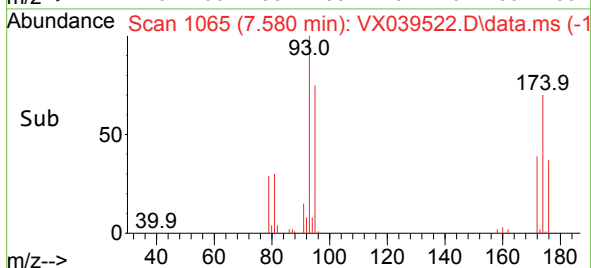
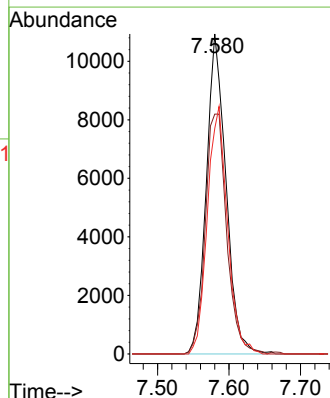
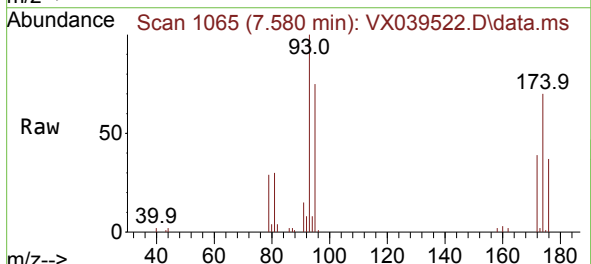
Tgt Ion: 93 Resp: 20827

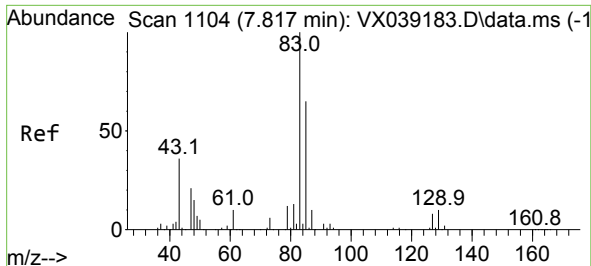
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 79.4 69.4 104.0





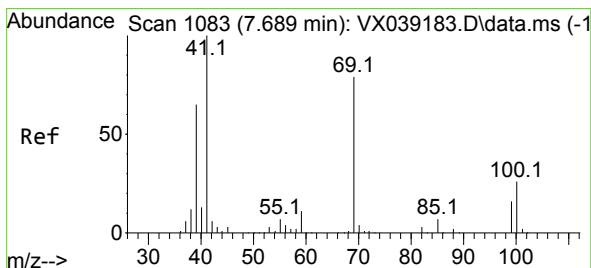
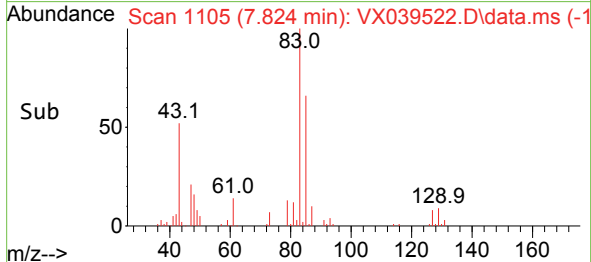
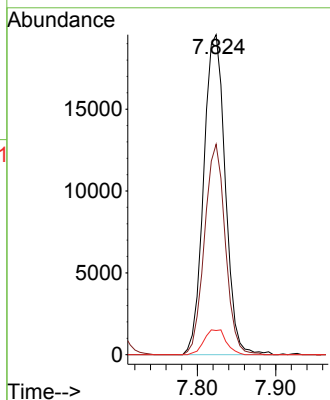
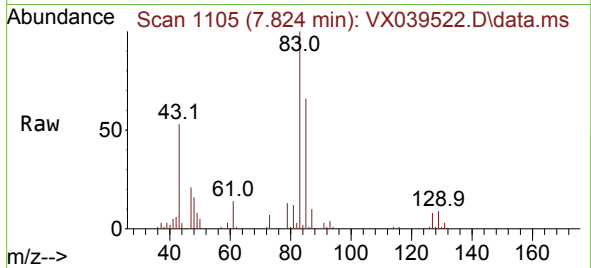
#47
Bromodichloromethane
Concen: 16.939 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion: 83 Resp: 37375
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.6
127 7.6 7.1 10.7

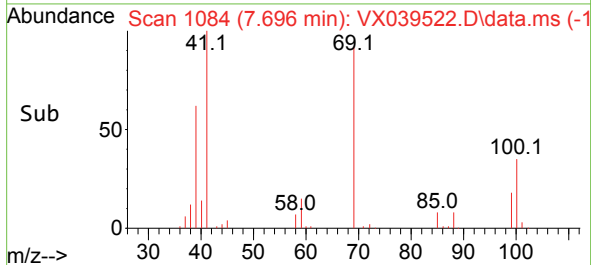
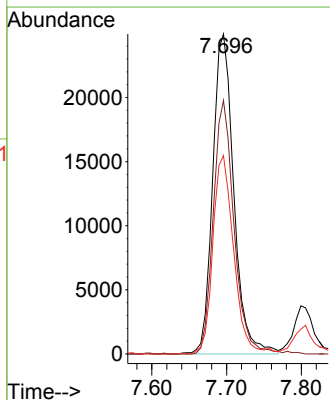
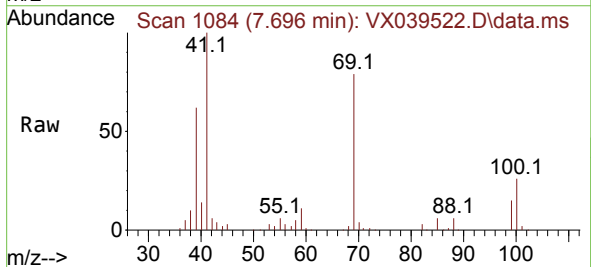
Manual Integrations
APPROVED

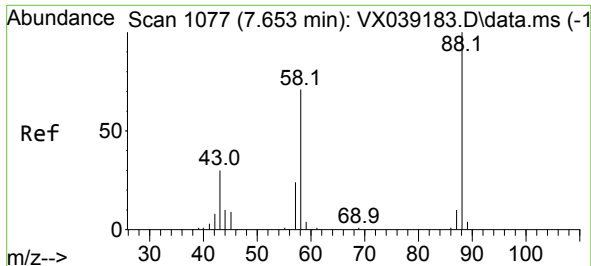
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#48
Methyl methacrylate
Concen: 19.260 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

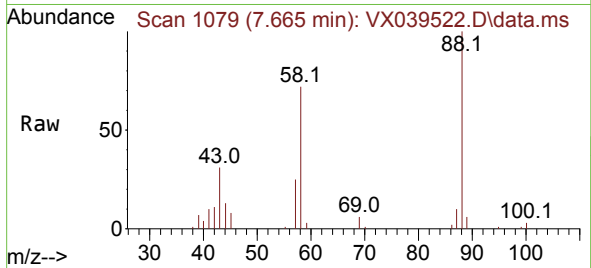
Tgt Ion: 41 Resp: 48914
Ion Ratio Lower Upper
41 100
69 77.4 59.2 88.8
39 61.2 47.7 71.5





#49
1,4-Dioxane
Concen: 503.771 ug/l
RT: 7.665 min Scan# 1077
Delta R.T. 0.013 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

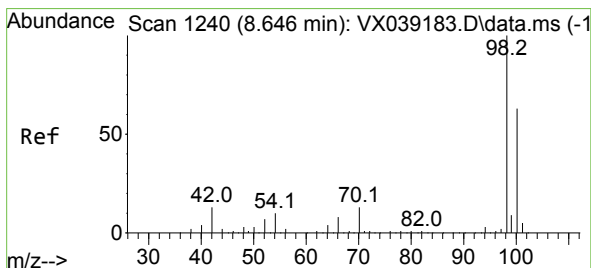
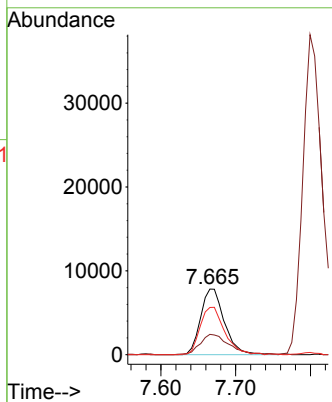
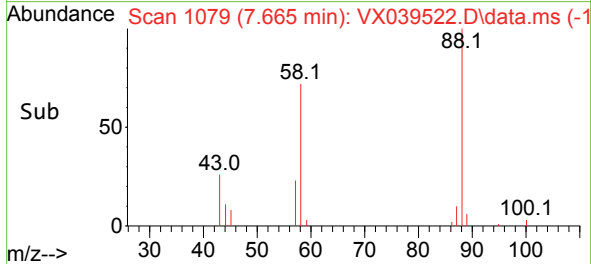
Instrument :
MSVOA_X
Client Sample Id :
VX1228MBS01



Tgt Ion: 88 Resp: 17240
Ion Ratio Lower Upper
88 100
43 38.2 0.0 0.0
58 74.3 60.1 90.1

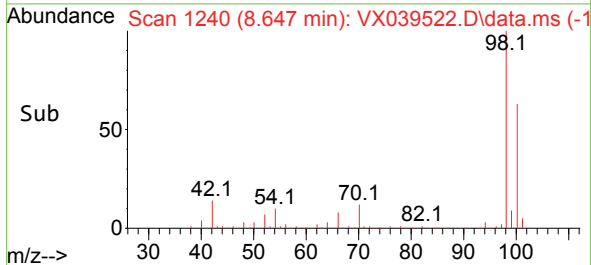
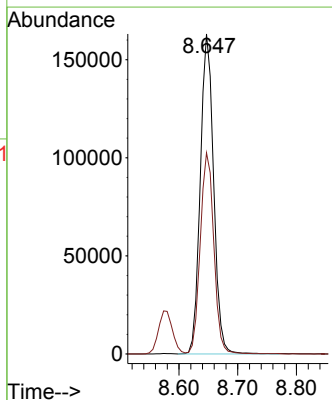
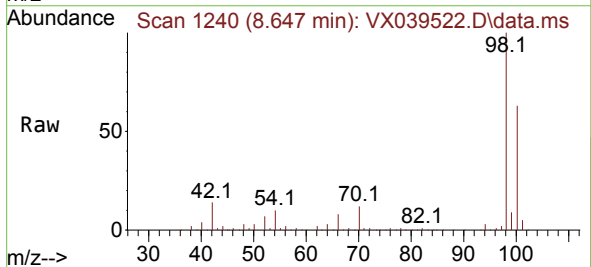
Manual Integrations
APPROVED

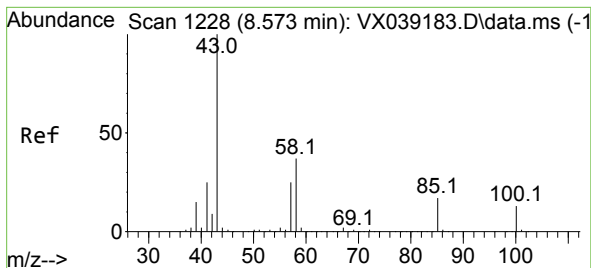
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#50
Toluene-d8
Concen: 50.387 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 98 Resp: 256329
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





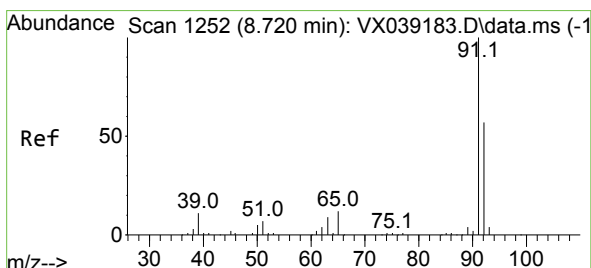
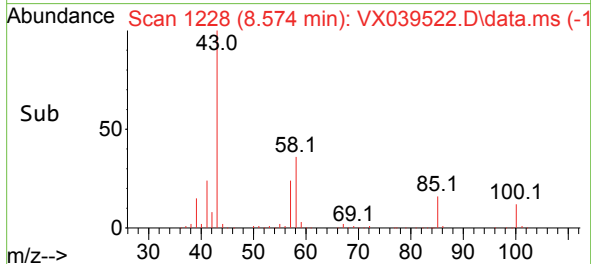
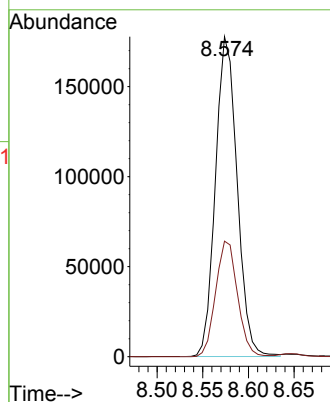
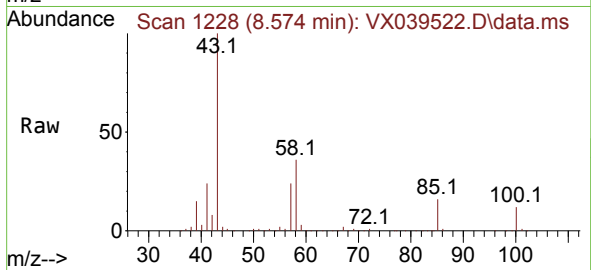
#51
4-Methyl-2-Pentanone
Concen: 105.884 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion: 43 Resp: 293074
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

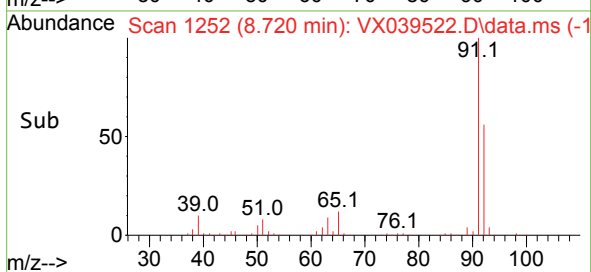
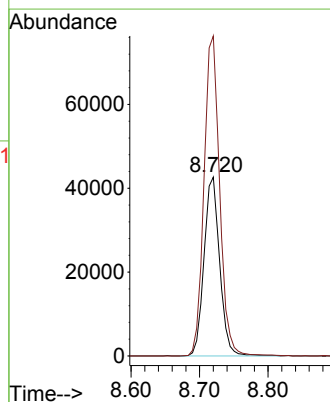
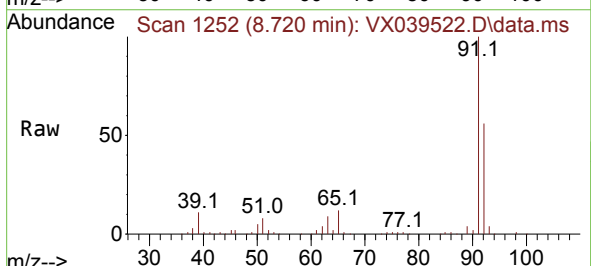
Manual Integrations
APPROVED

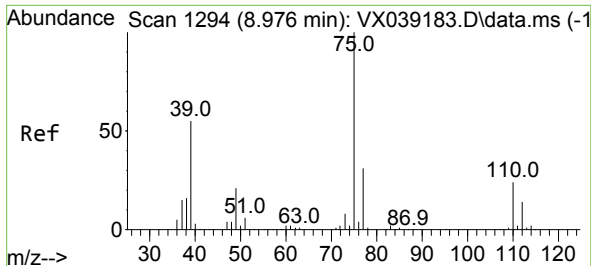
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#52
Toluene
Concen: 18.369 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 92 Resp: 67814
Ion Ratio Lower Upper
92 100
91 179.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 15.536 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 75 Resp: 37740

Ion Ratio Lower Upper

75 100

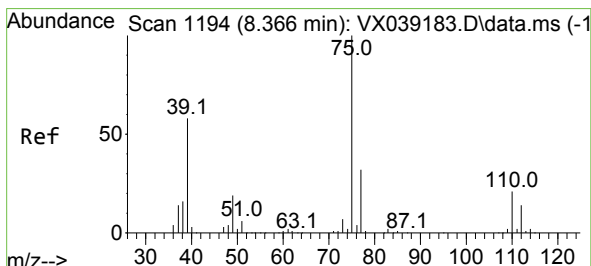
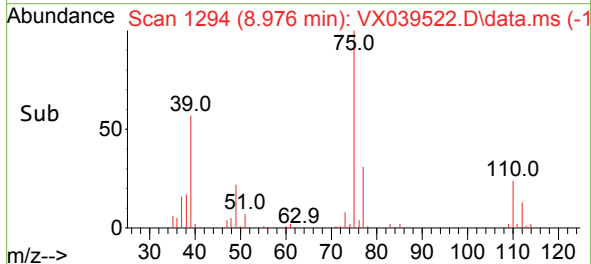
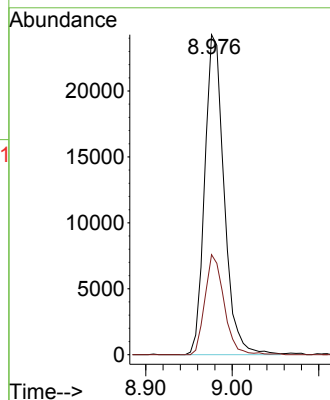
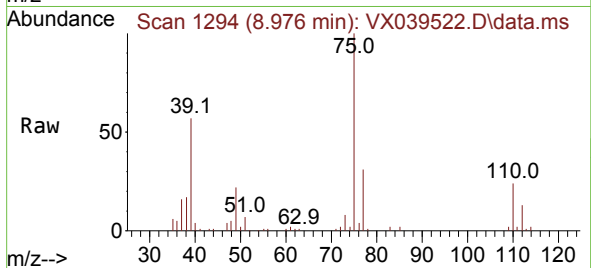
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#54

cis-1,3-Dichloropropene

Concen: 16.256 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

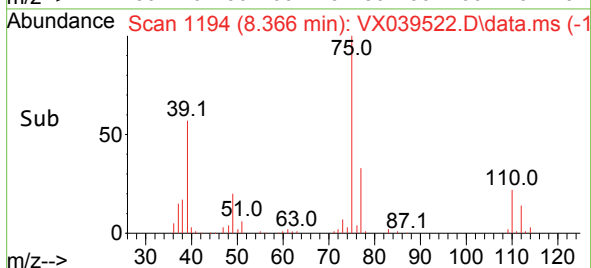
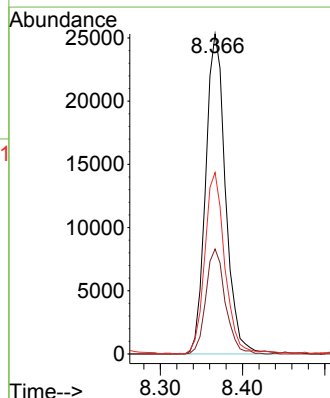
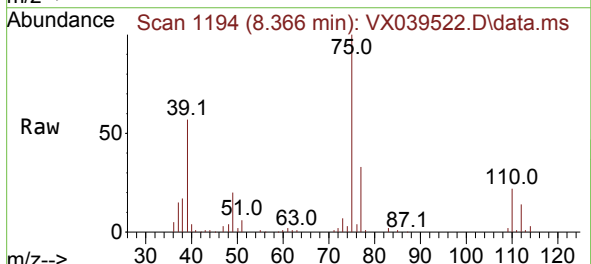
Tgt Ion: 75 Resp: 42488

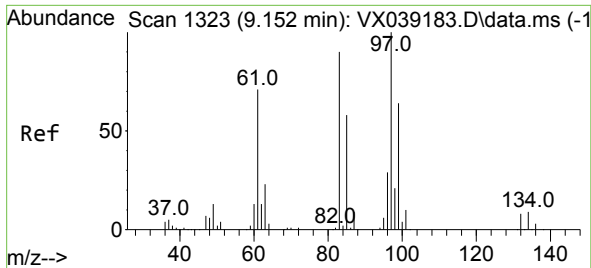
Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

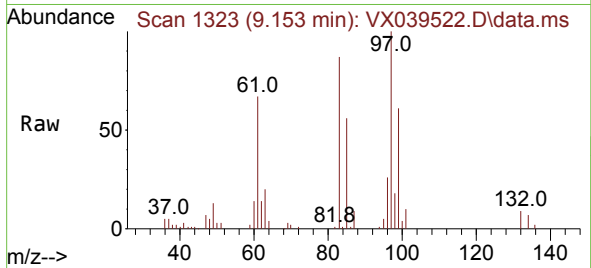
39 56.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.246 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

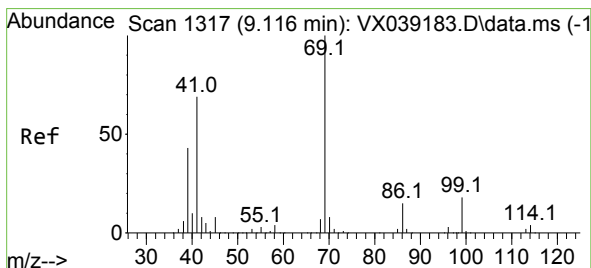
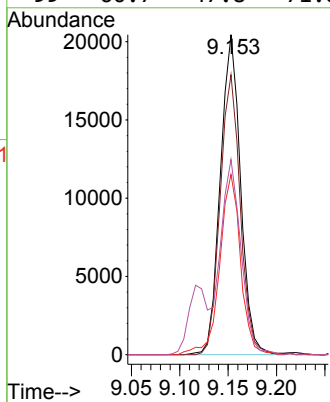
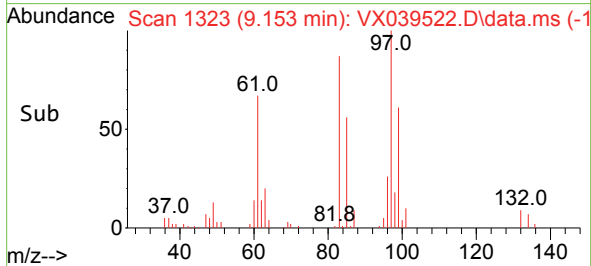
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.8	98.8
85	56.3	41.6	62.4
99	60.7	47.8	71.8

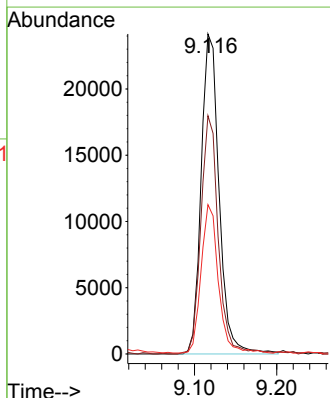
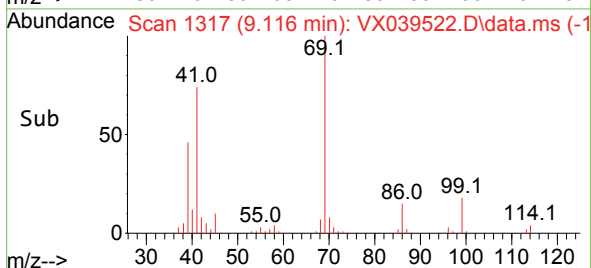
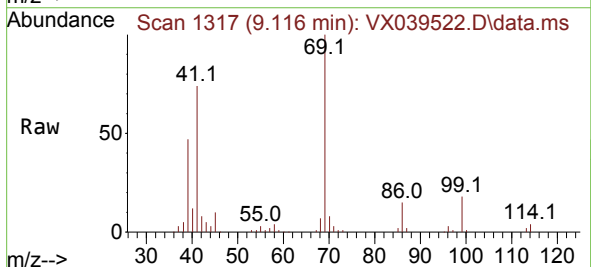
Manual Integrations
APPROVED

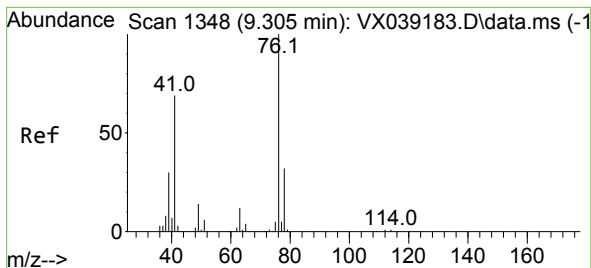
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#56
Ethyl methacrylate
Concen: 19.464 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.8	85.2
39	44.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 18.851 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 76 Resp: 50229

Ion Ratio Lower Upper

76 100

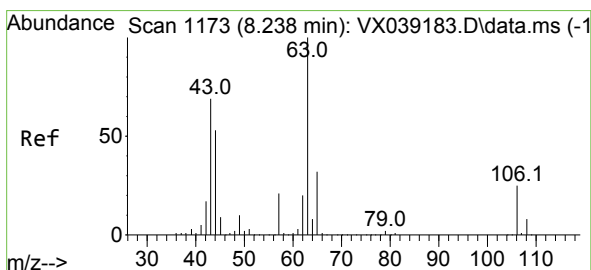
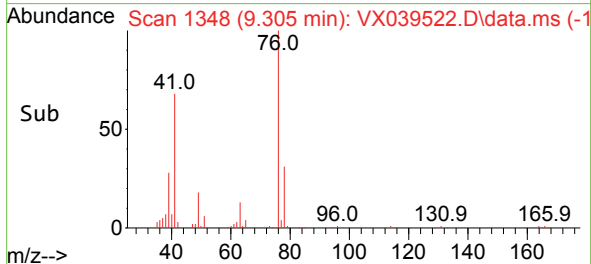
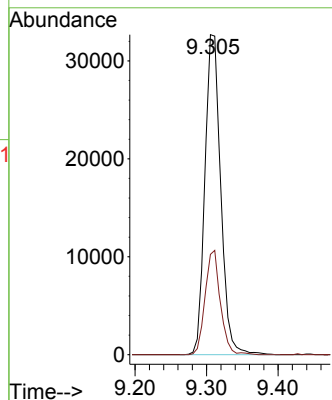
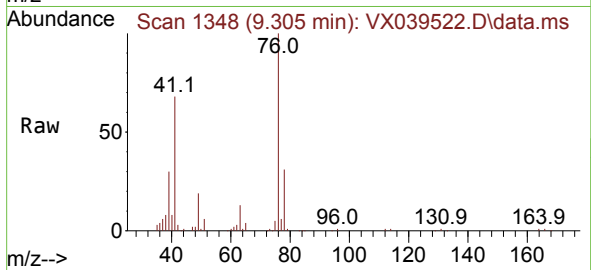
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 90.281 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039522.D

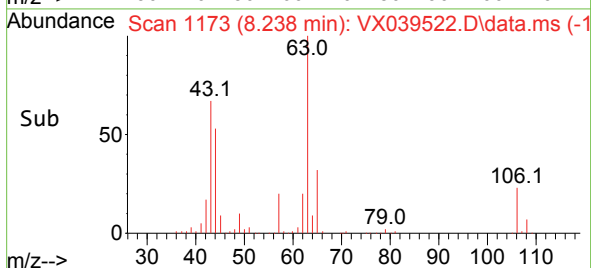
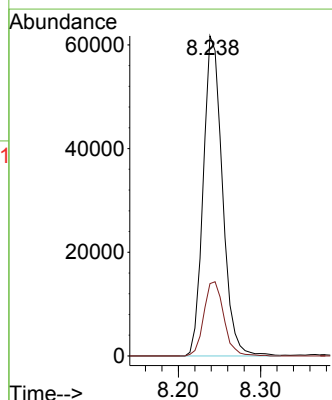
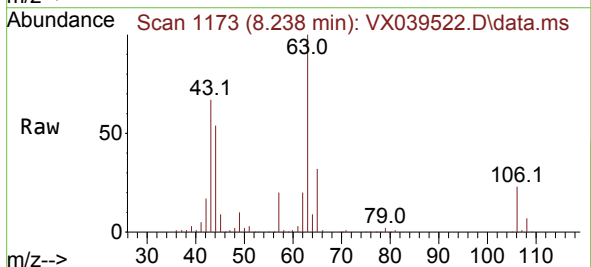
Acq: 28 Dec 2023 17:26

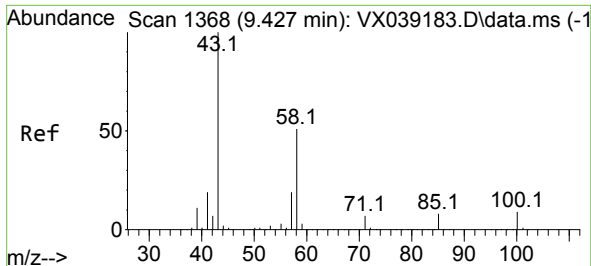
Tgt Ion: 63 Resp: 99744

Ion Ratio Lower Upper

63 100

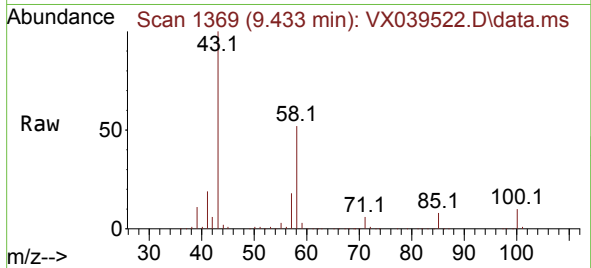
106 24.2 22.5 33.7





#59
2-Hexanone
Concen: 97.532 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

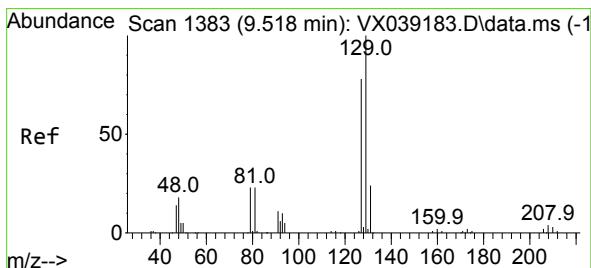
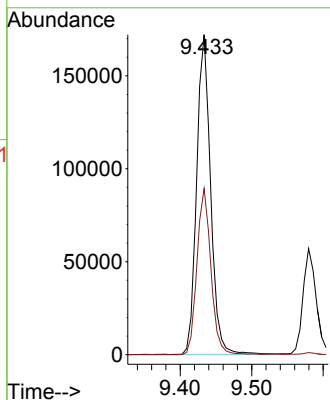
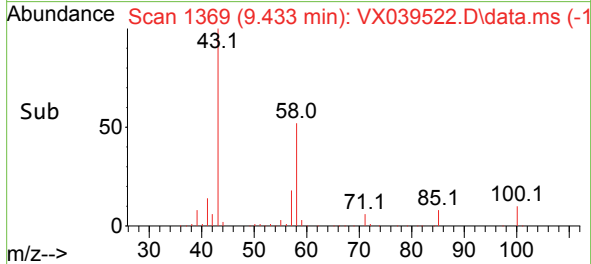
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion: 43 Resp: 23298
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.5

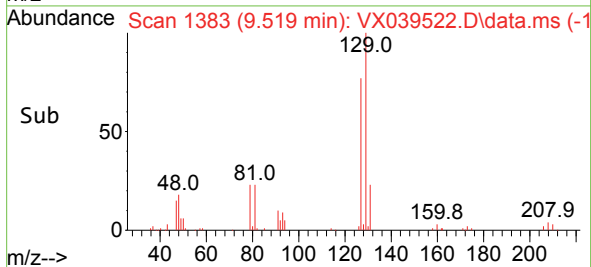
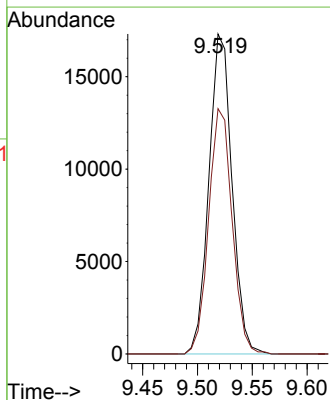
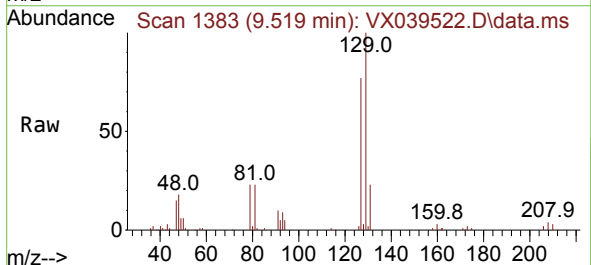
Manual Integrations
APPROVED

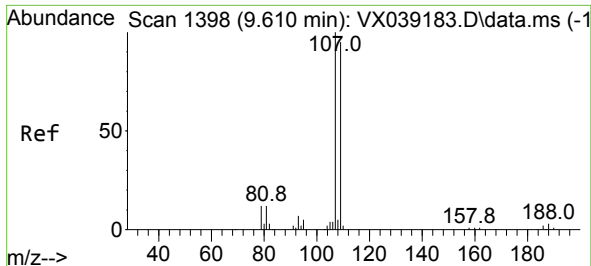
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#60
Dibromochloromethane
Concen: 16.306 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

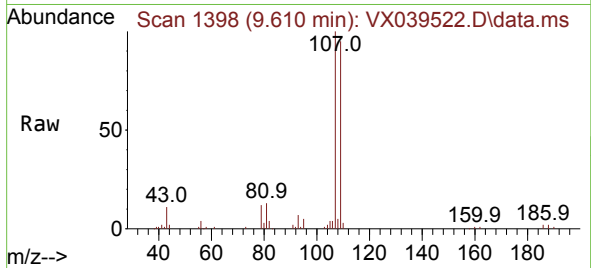
Tgt Ion:129 Resp: 25417
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.493 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

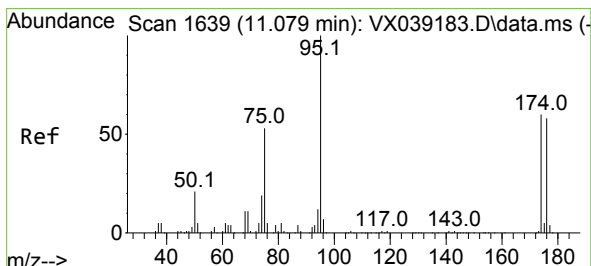
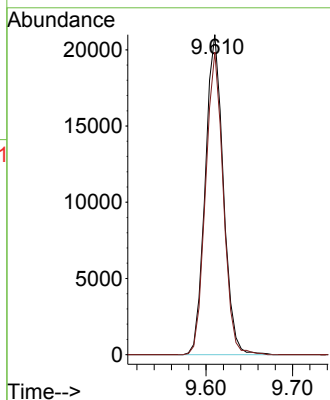
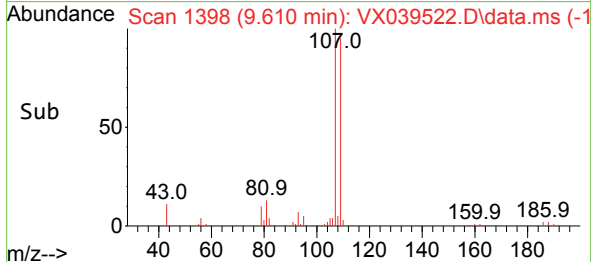
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



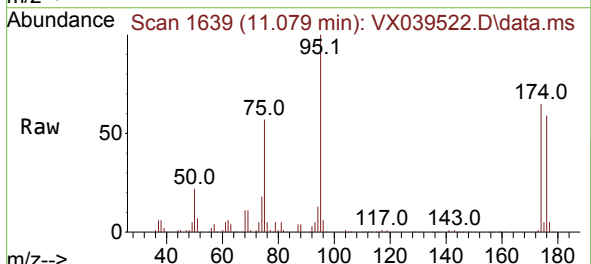
Tgt Ion:107 Resp: 3042
Ion Ratio Lower Upper
107 100
109 92.1 75.2 112.8

Manual Integrations
APPROVED

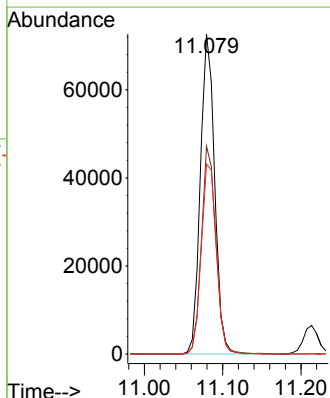
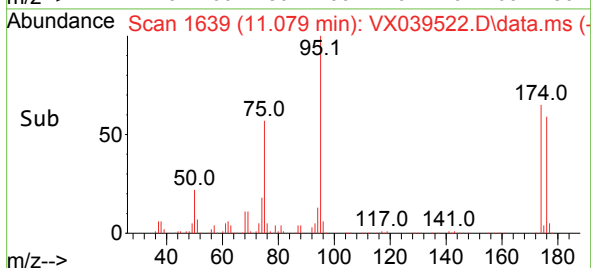
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

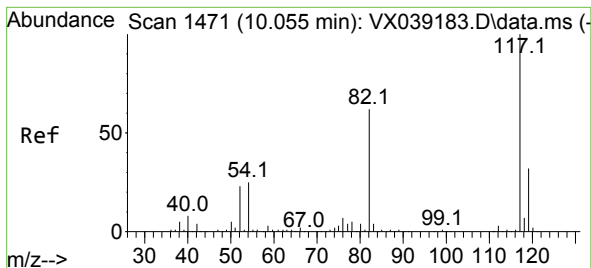


#62
4-Bromofluorobenzene
Concen: 43.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26



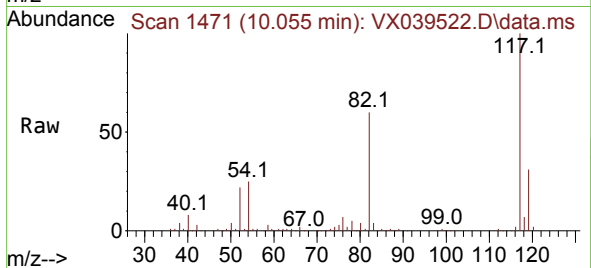
Tgt Ion: 95 Resp: 92088
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.6
176 62.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

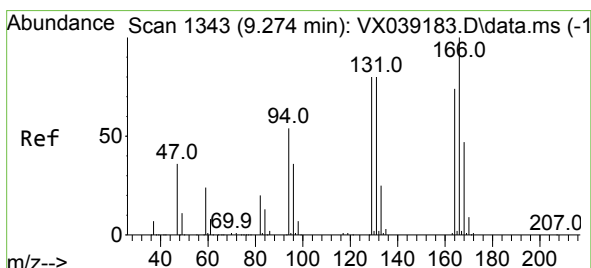
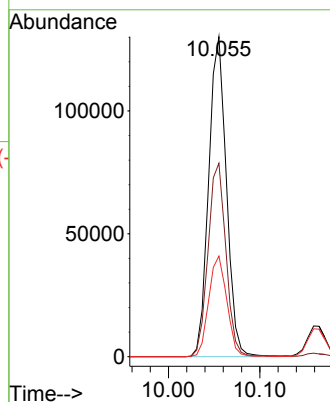
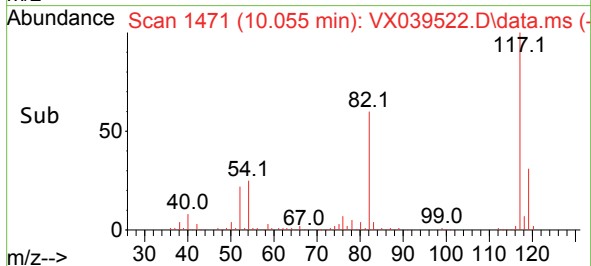
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion:117 Resp: 17518
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 31.4 25.5 38.3

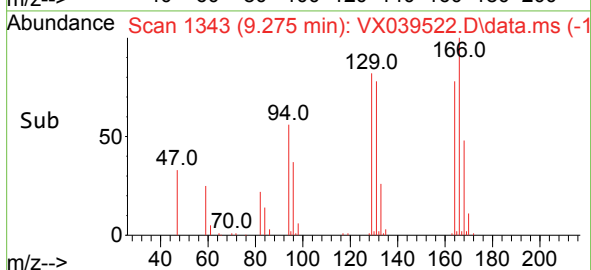
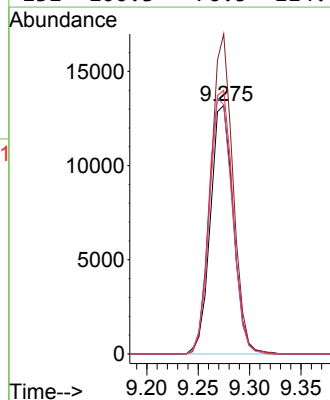
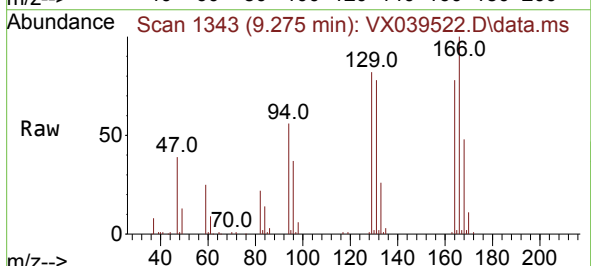
Manual Integrations
APPROVED

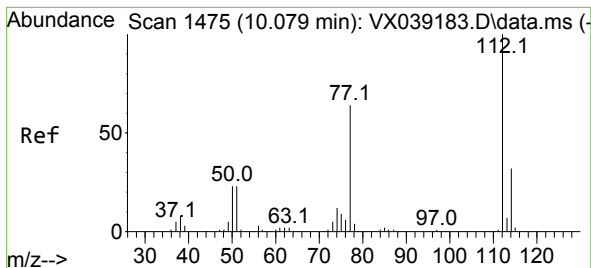
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#64
Tetrachloroethene
Concen: 17.793 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion:164 Resp: 20369
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 106.1 80.4 120.6
131 100.3 76.5 114.7





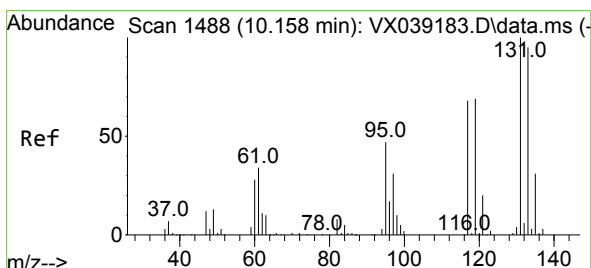
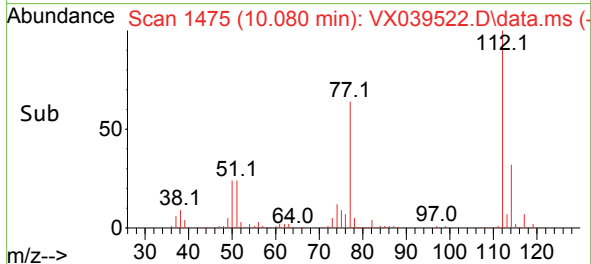
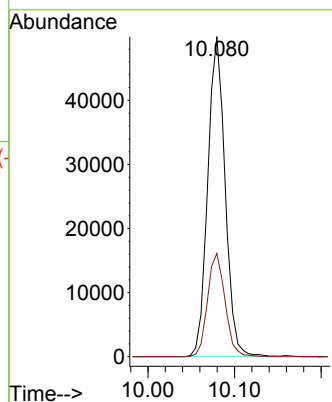
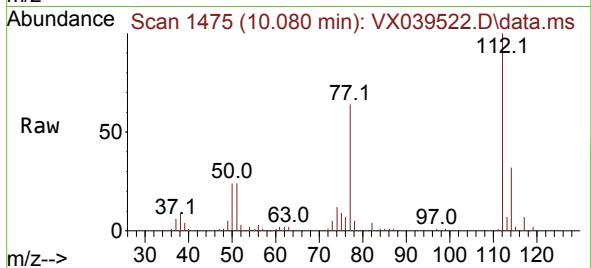
#65
Chlorobenzene
Concen: 18.195 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion:112 Resp: 69579
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

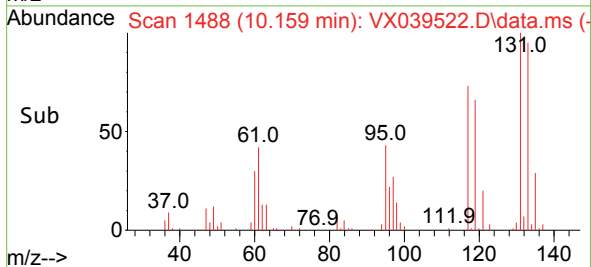
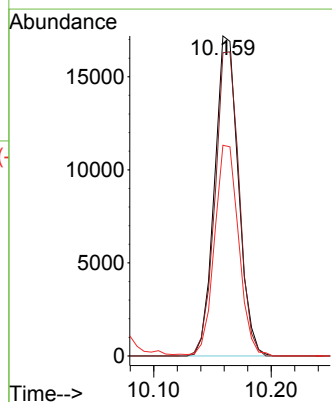
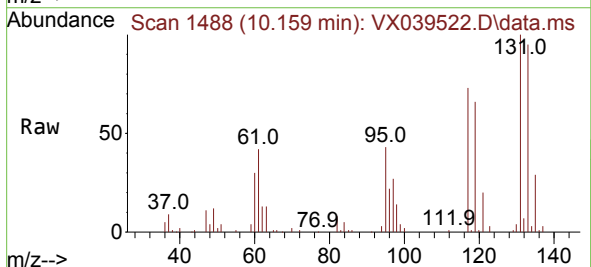
Manual Integrations
APPROVED

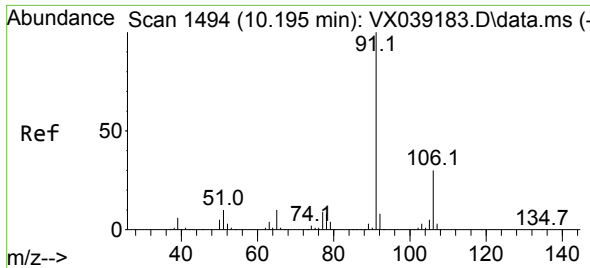
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 17.943 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

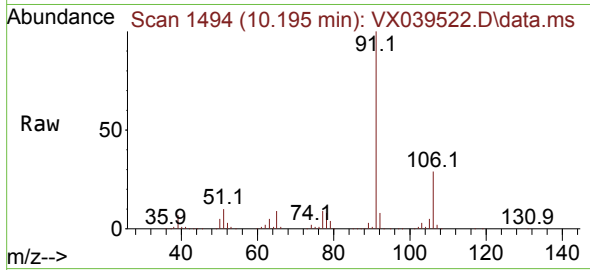
Tgt Ion:131 Resp: 24235
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.7 32.2 96.6





#67
Ethyl Benzene
Concen: 18.794 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

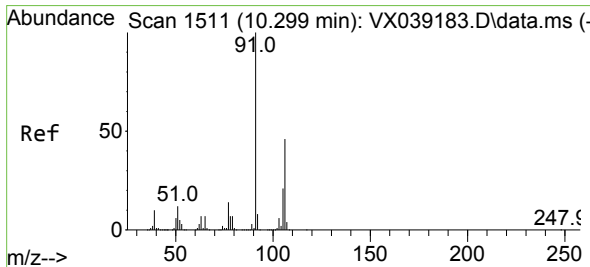
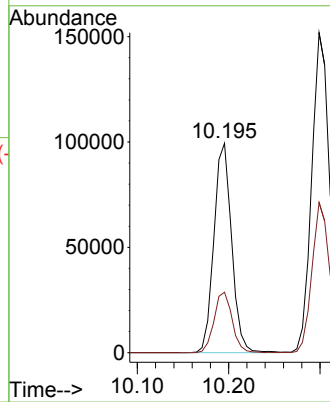
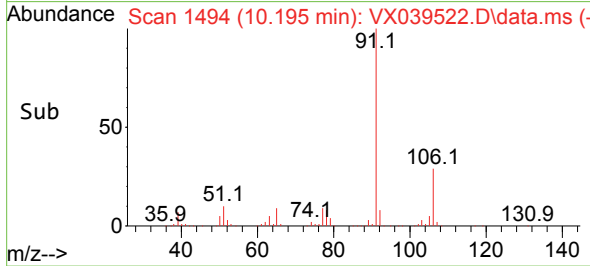
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion: 91 Resp: 133768
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3

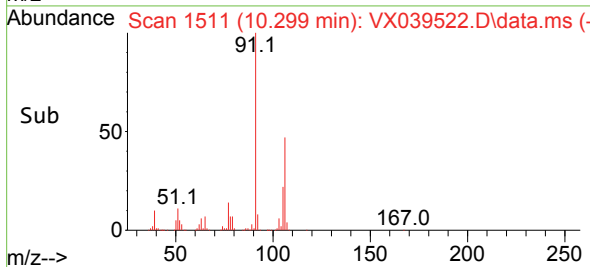
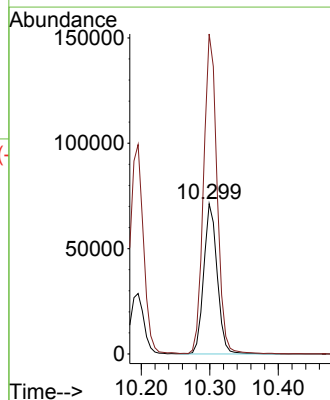
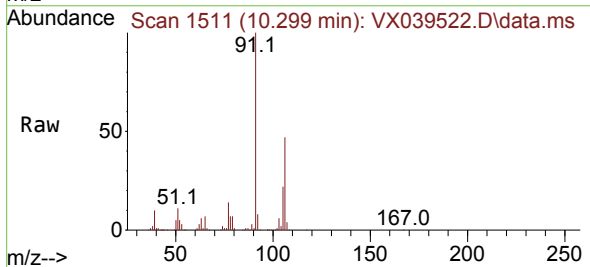
Manual Integrations
APPROVED

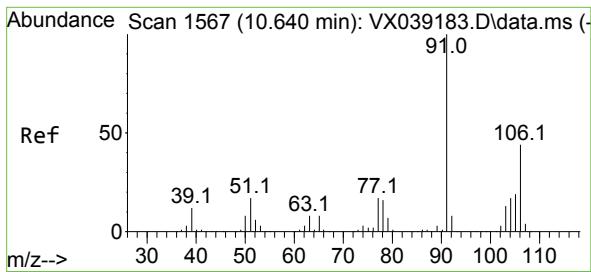
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#68
m/p-Xylenes
Concen: 38.223 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion:106 Resp: 97547
Ion Ratio Lower Upper
106 100
91 213.9 165.5 248.3





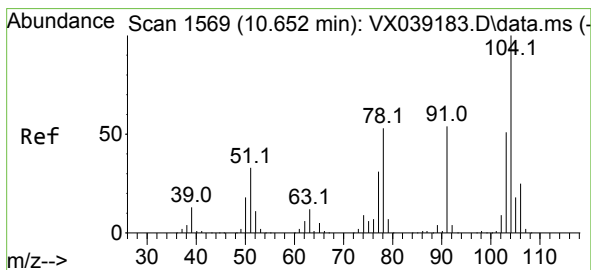
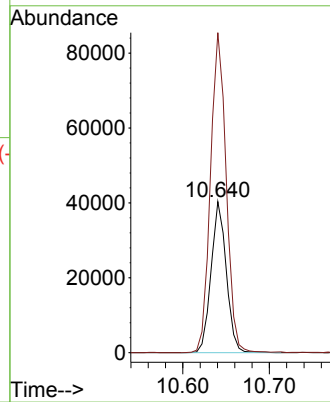
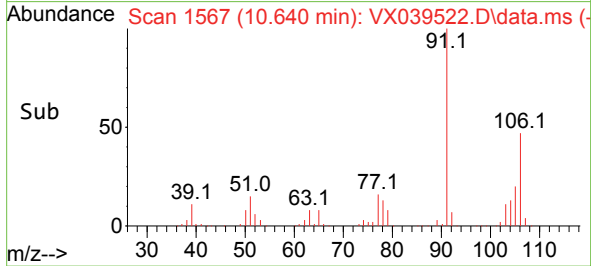
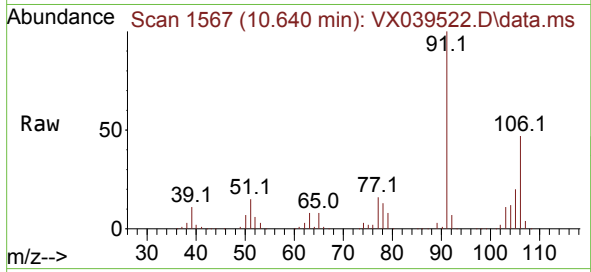
#69
o-Xylene
Concen: 19.974 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion:106 Resp: 49284
Ion Ratio Lower Upper
106 100
91 218.8 108.9 326.8

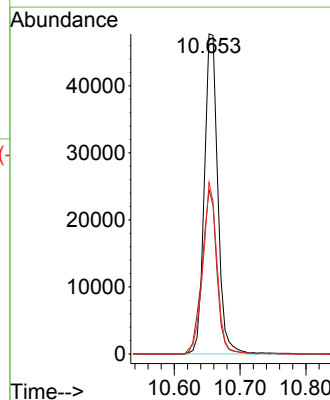
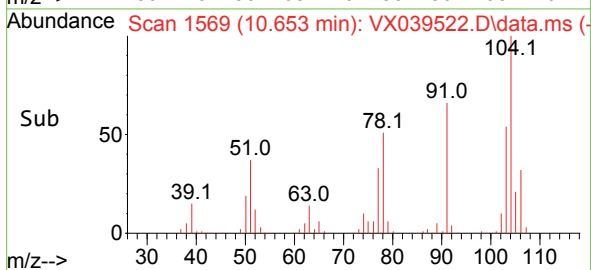
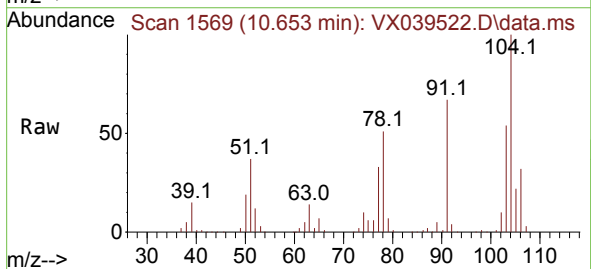
Manual Integrations
APPROVED

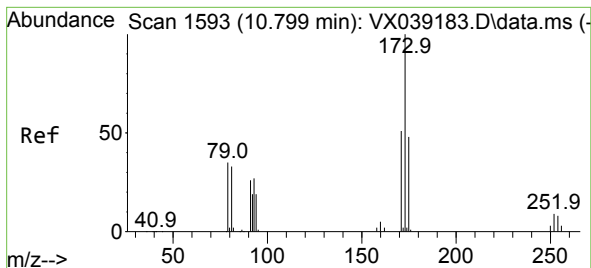
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#70
Styrene
Concen: 18.911 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion:104 Resp: 68218
Ion Ratio Lower Upper
104 100
78 56.0 43.6 65.4
103 56.3 43.6 65.4





#71

Bromoform

Concen: 16.336 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039522.D

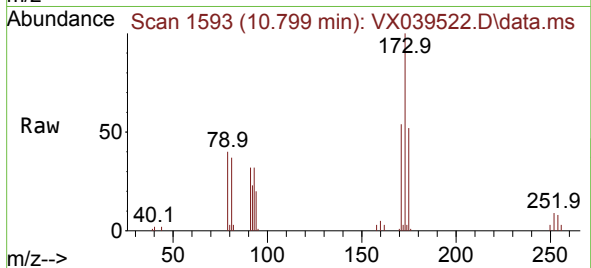
Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01



Tgt Ion:173 Resp: 16400

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

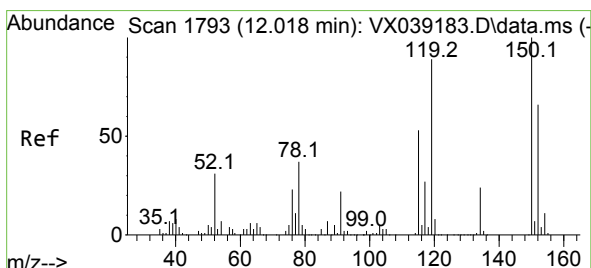
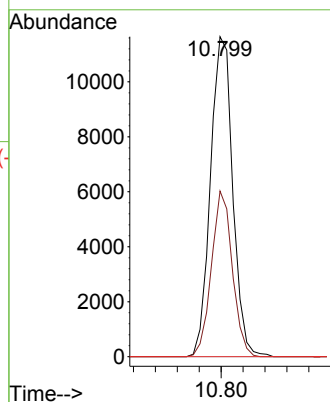
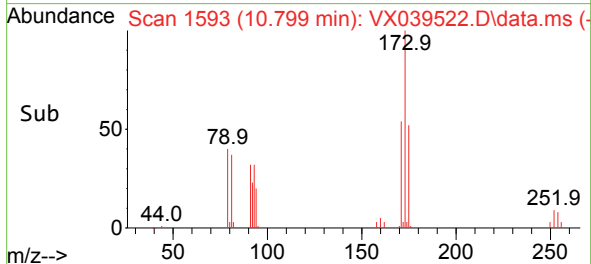
254 0.0 0.0 0.0

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: VX039522.D

Acq: 28 Dec 2023 17:26

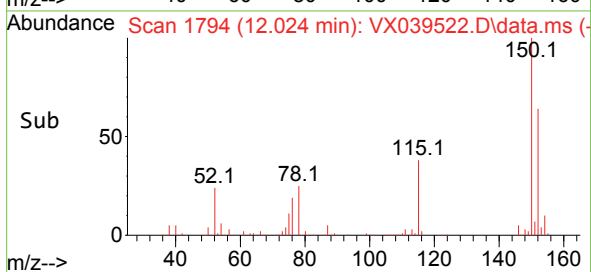
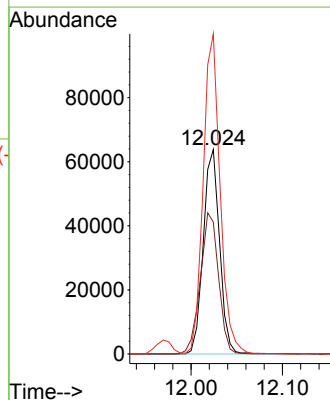
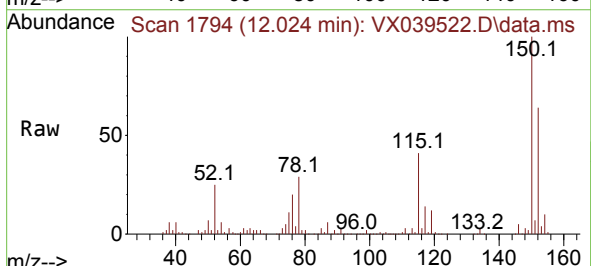
Tgt Ion:152 Resp: 78681

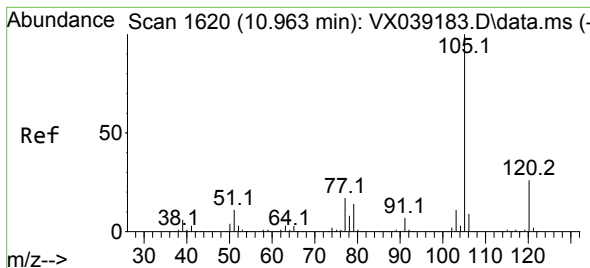
Ion Ratio Lower Upper

152 100

115 77.2 43.3 129.9

150 162.9 0.0 345.0





#73

Isopropylbenzene

Concen: 20.883 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion:105 Resp: 12677

Ion Ratio Lower Upper

105 100

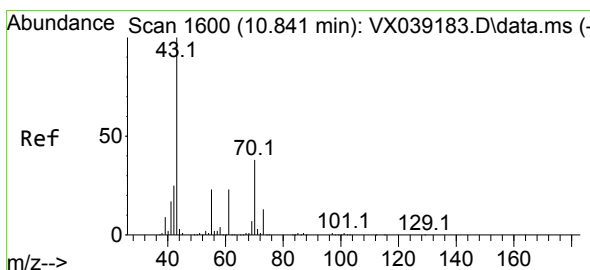
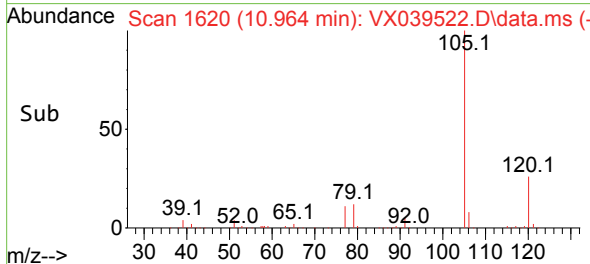
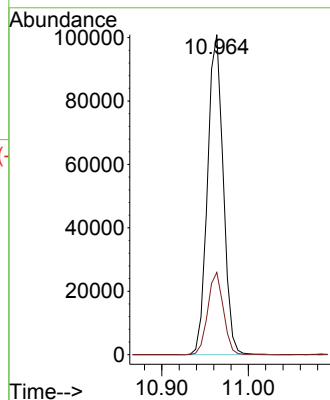
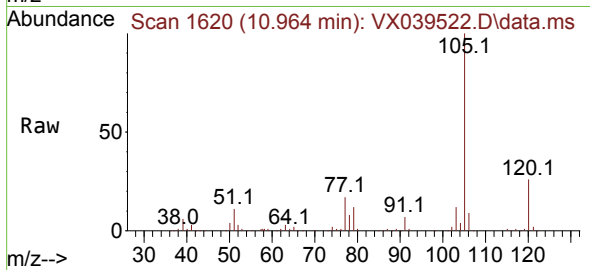
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#74

N-ethyl acetate

Concen: 22.145 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Tgt Ion: 43 Resp: 68018

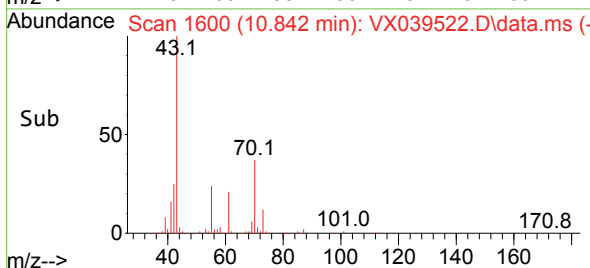
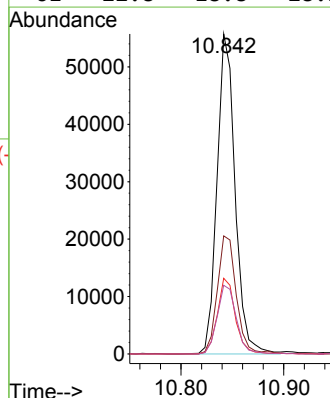
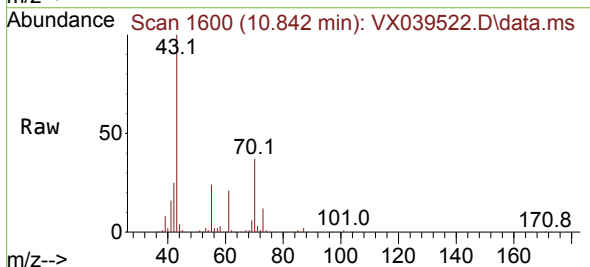
Ion Ratio Lower Upper

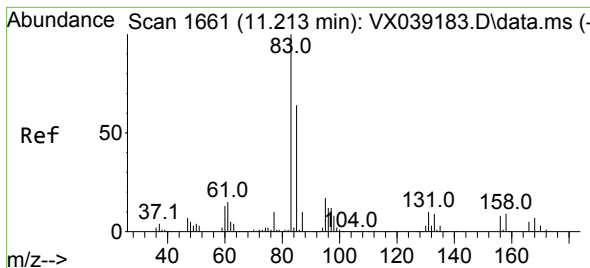
43 100

70 38.9 32.9 49.3

55 23.7 19.3 28.9

61 22.8 18.8 28.2





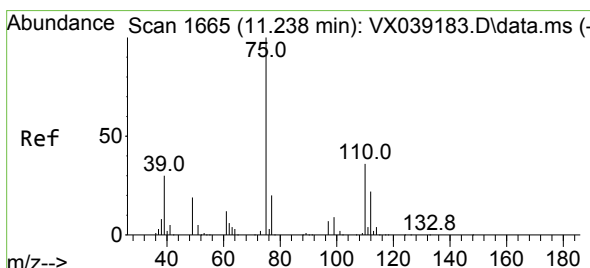
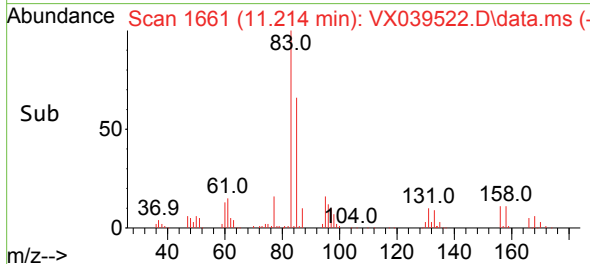
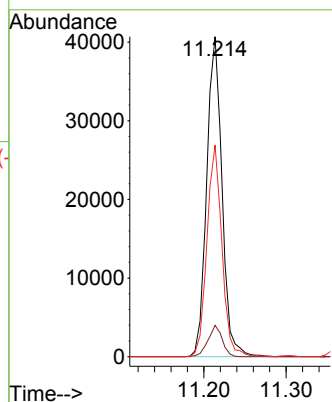
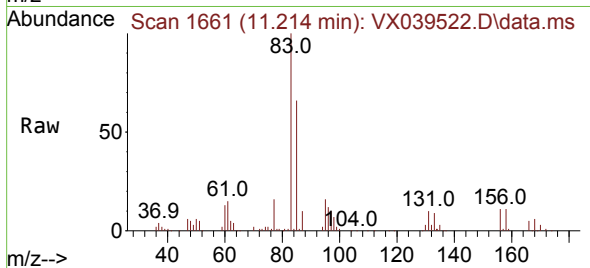
#75
1,1,2,2-Tetrachloroethane
Concen: 23.324 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion: 83 Resp: 52672
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 64.6 32.0 96.2

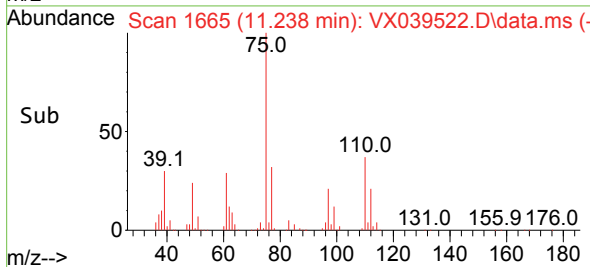
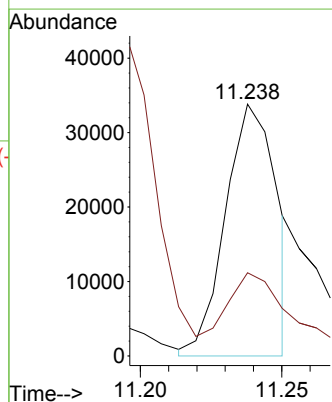
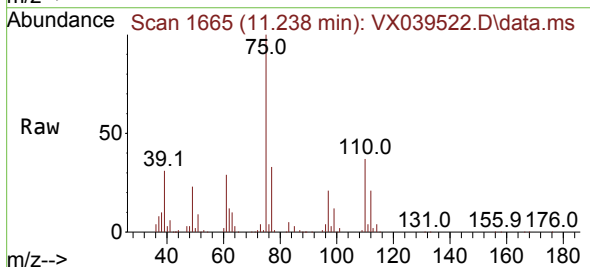
Manual Integrations
APPROVED

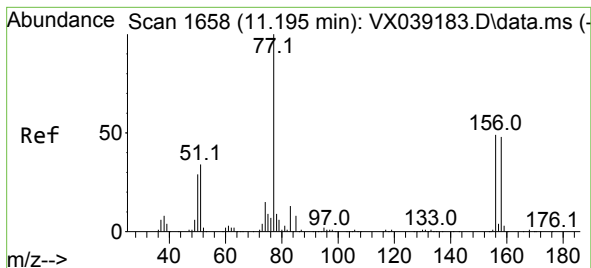
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#76
1,2,3-Trichloropropane
Concen: 21.016 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion: 75 Resp: 42780
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 20.892 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

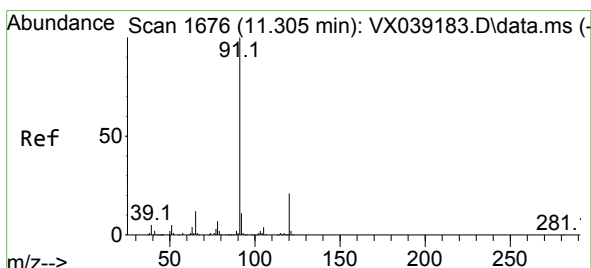
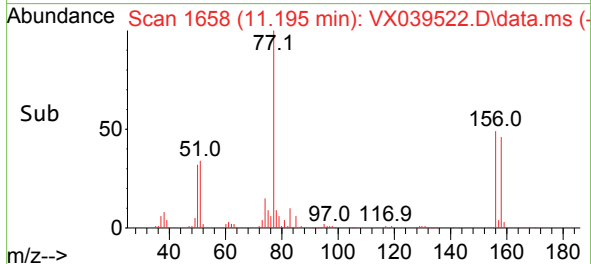
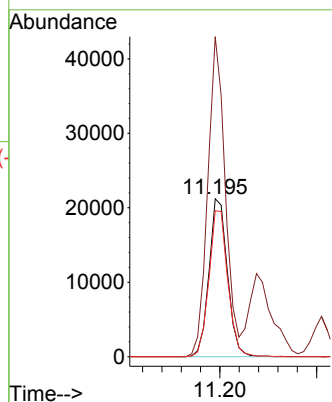
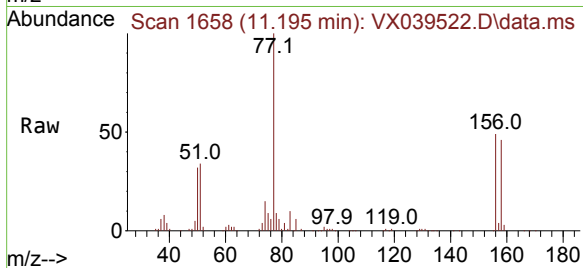
Tgt Ion:	156	Resp:	28040
Ion Ratio	Lower	Upper	
156	100		
77	192.4	88.4	265.3
158	94.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#78

n-propylbenzene

Concen: 19.841 ug/l

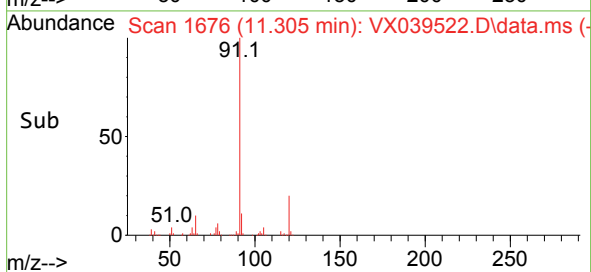
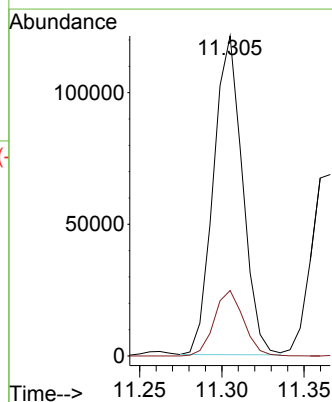
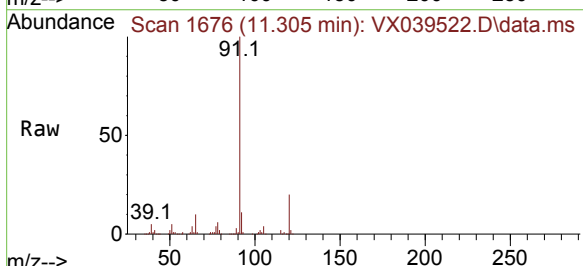
RT: 11.305 min Scan# 1676

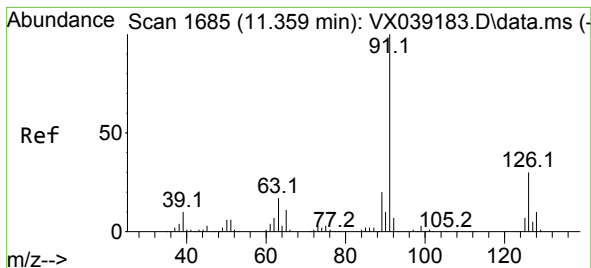
Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Tgt Ion:	91	Resp:	148402
Ion Ratio	Lower	Upper	
91	100		
120	20.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.190 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion: 91 Resp: 91344

Ion Ratio Lower Upper

91 100

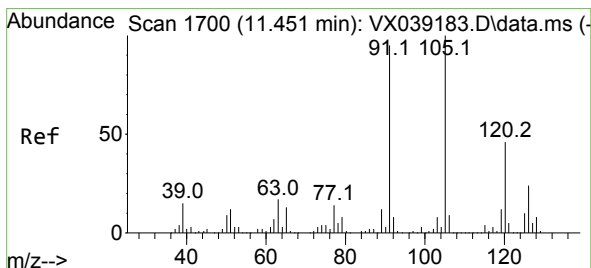
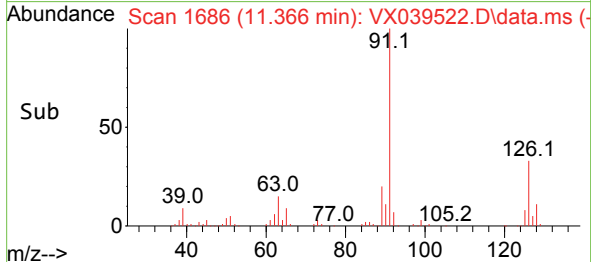
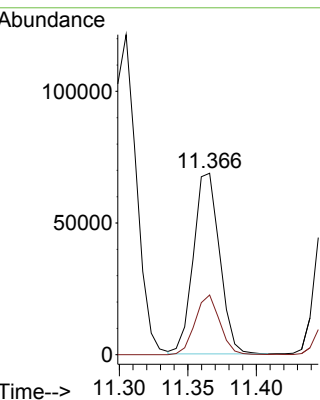
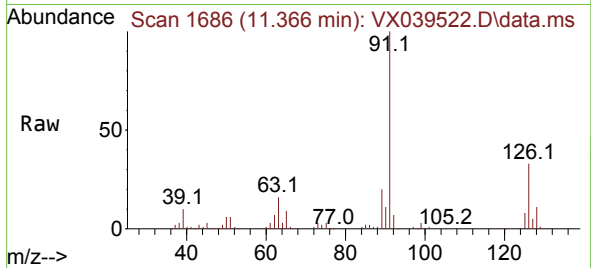
126 31.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.839 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039522.D

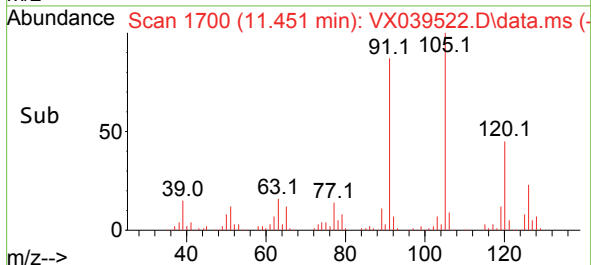
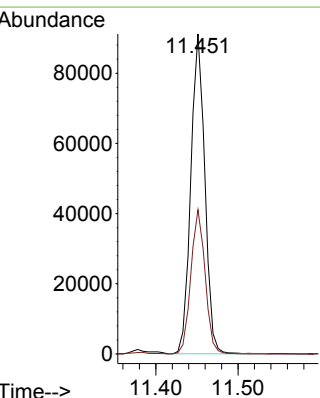
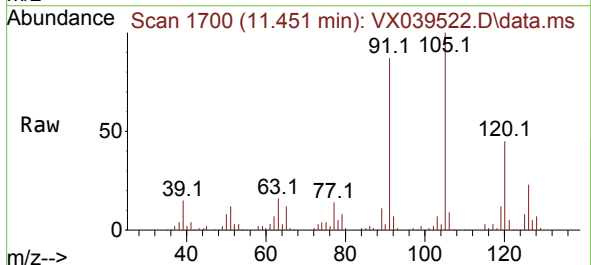
Acq: 28 Dec 2023 17:26

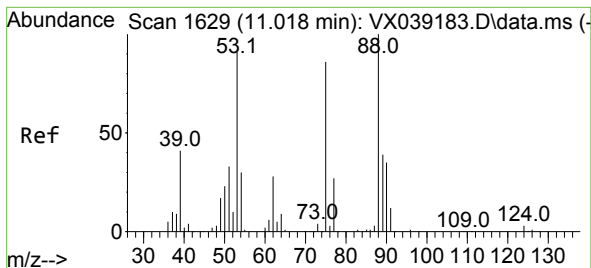
Tgt Ion:105 Resp: 107767

Ion Ratio Lower Upper

105 100

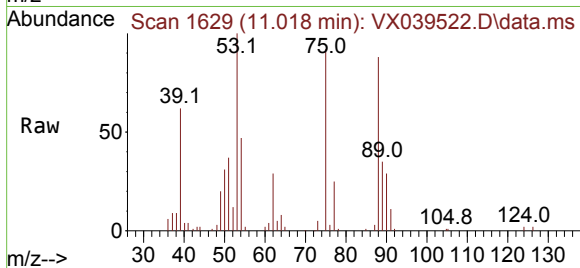
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.688 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

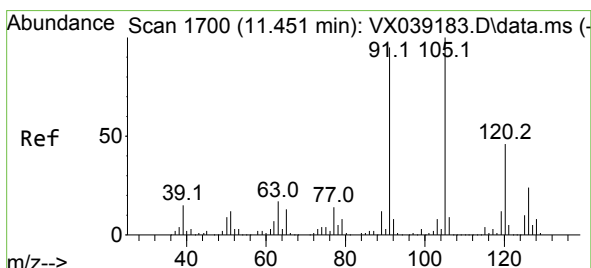
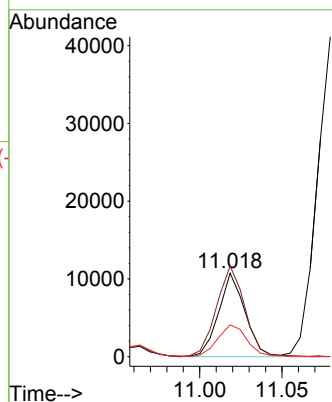
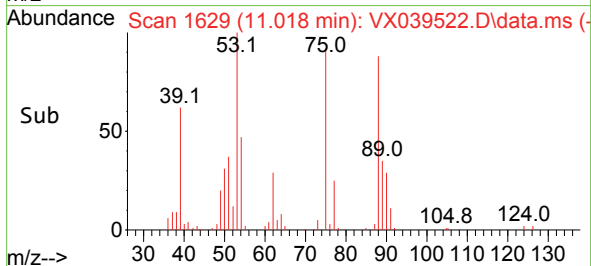
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



Tgt Ion: 75 Resp: 1204
Ion Ratio Lower Upper
75 100
53 116.7 90.5 135.7
89 42.3 36.9 55.3

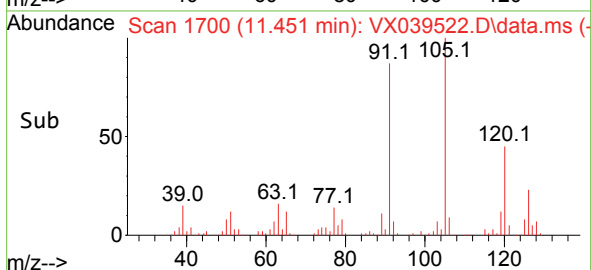
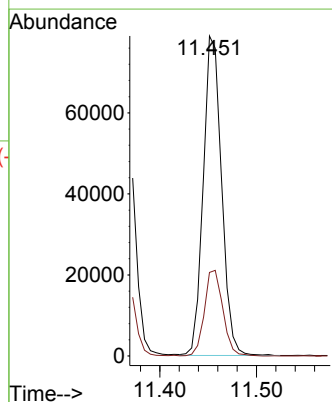
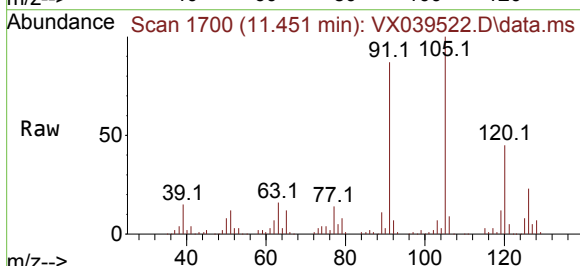
Manual Integrations
APPROVED

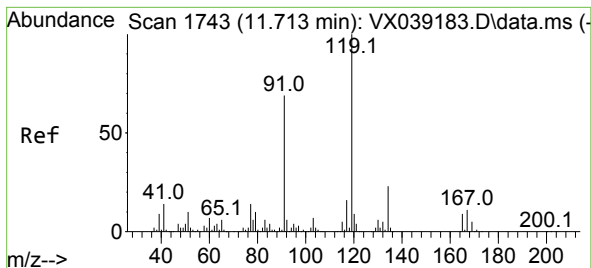
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#82
4-Chlorotoluene
Concen: 19.618 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

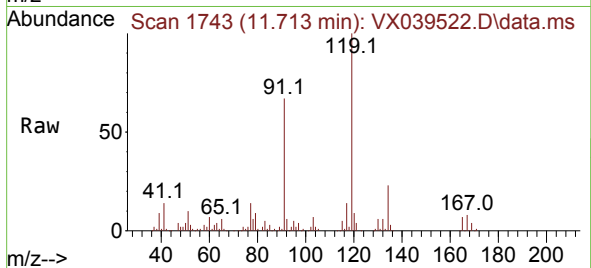
Tgt Ion: 91 Resp: 104248
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.987 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

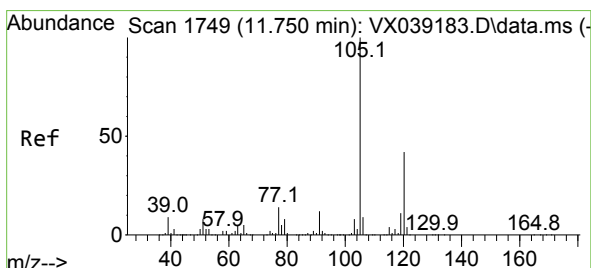
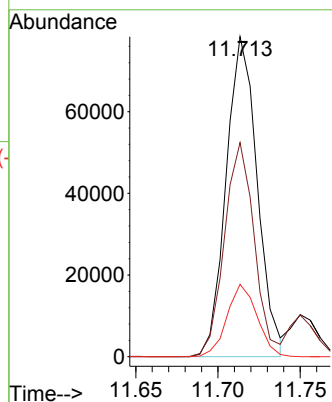
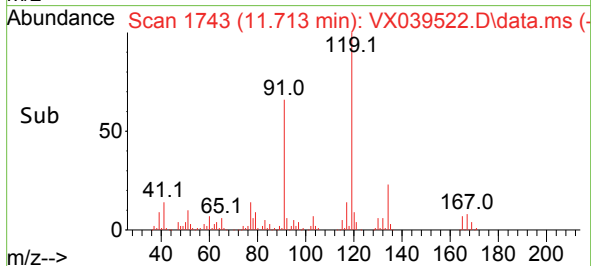
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



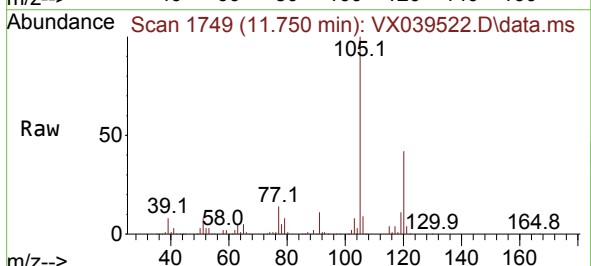
Tgt Ion:119 Resp: 103293
Ion Ratio Lower Upper
119 100
91 64.4 31.2 93.6
134 21.9 11.7 35.0

Manual Integrations
APPROVED

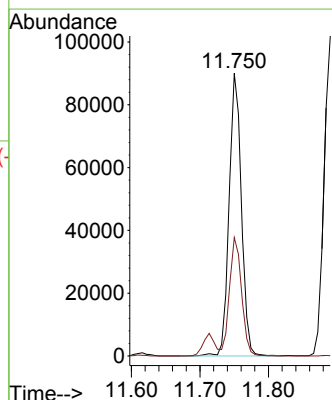
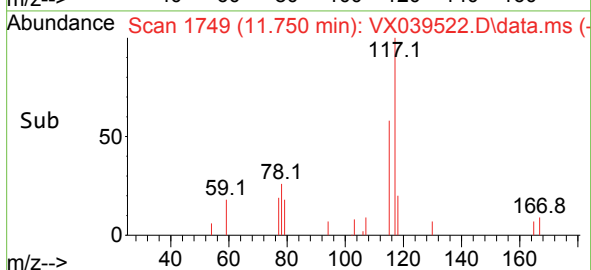
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

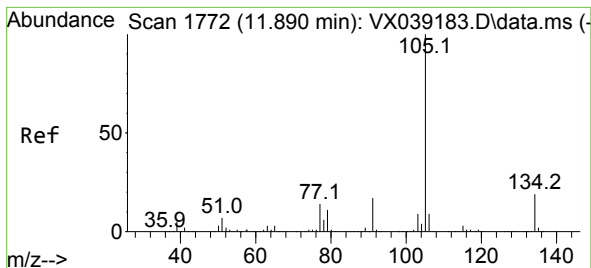


#84
1,2,4-Trimethylbenzene
Concen: 20.999 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26



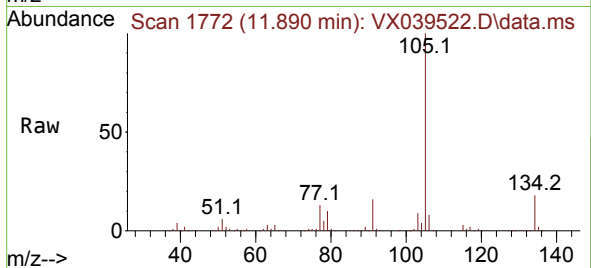
Tgt Ion:105 Resp: 111367
Ion Ratio Lower Upper
105 100
120 41.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.872 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039522.D
 Acq: 28 Dec 2023 17:26

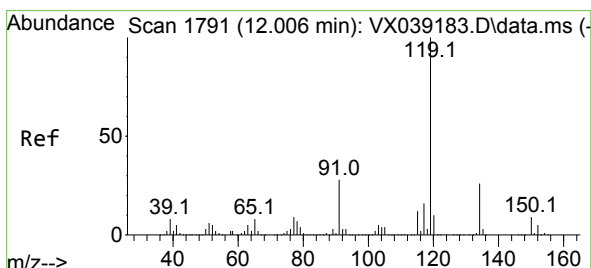
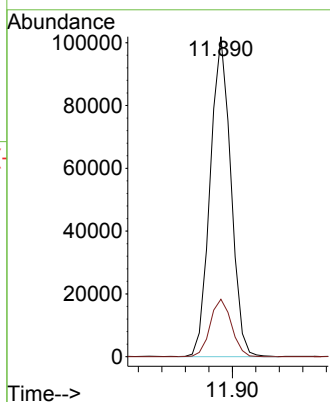
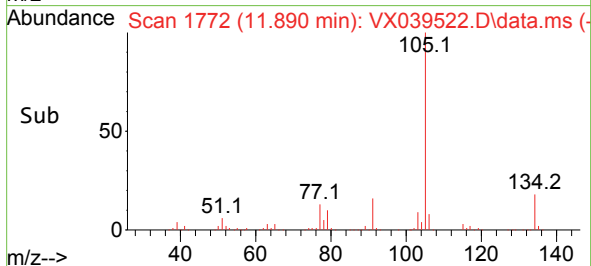
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228MBS01



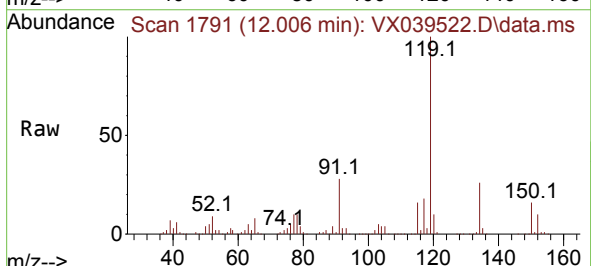
Tgt Ion:105 Resp: 124452
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4

Manual Integrations
 APPROVED

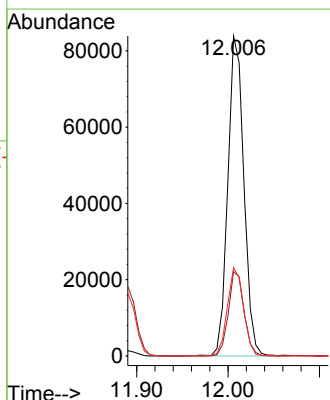
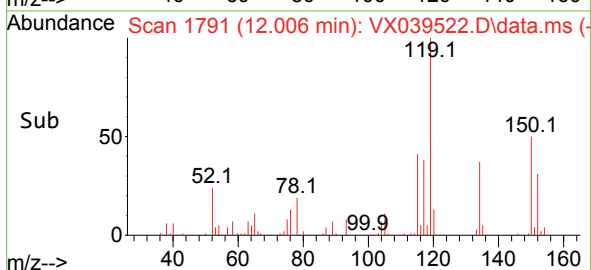
Reviewed By :John Carlone 12/29/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

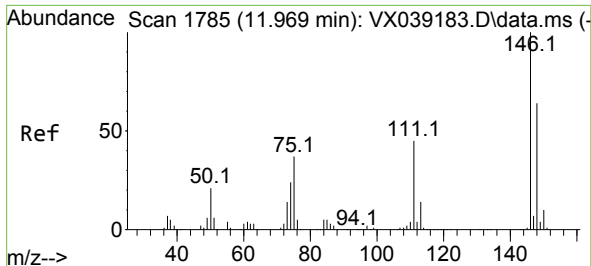


#86
 p-Isopropyltoluene
 Concen: 19.448 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039522.D
 Acq: 28 Dec 2023 17:26



Tgt Ion:119 Resp: 102220
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.097 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

Tgt Ion:146 Resp: 5036

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

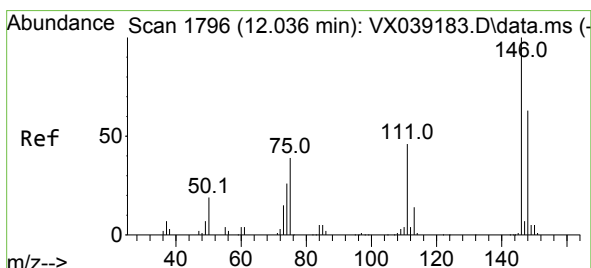
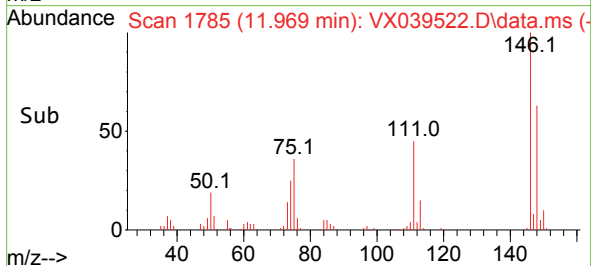
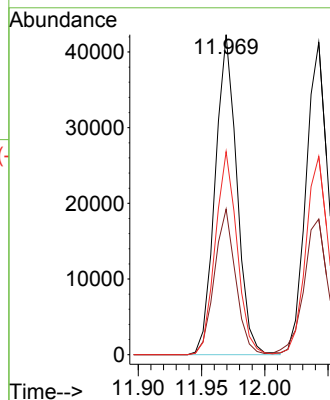
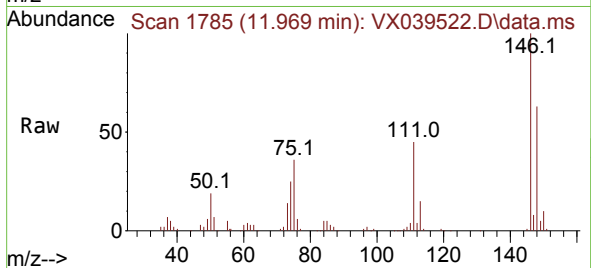
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#88

1,4-Dichlorobenzene

Concen: 18.353 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

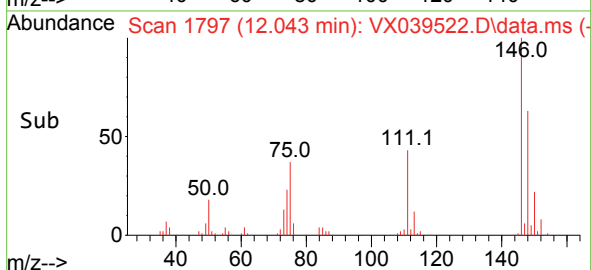
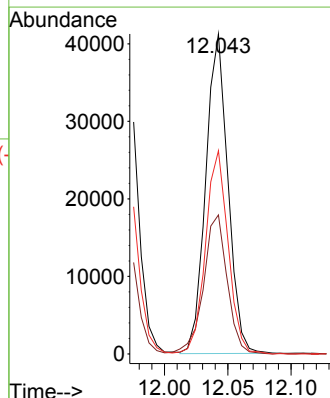
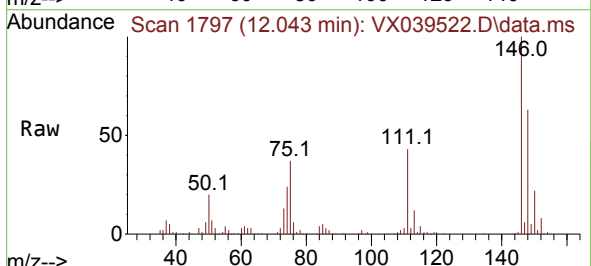
Tgt Ion:146 Resp: 50397

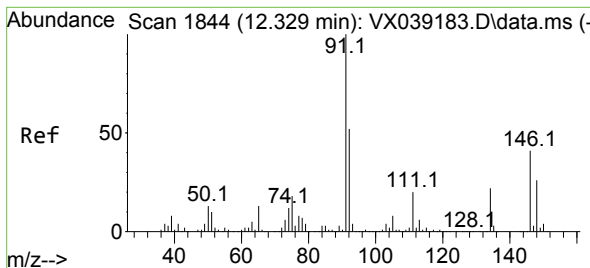
Ion Ratio Lower Upper

146 100

111 46.5 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 17.599 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

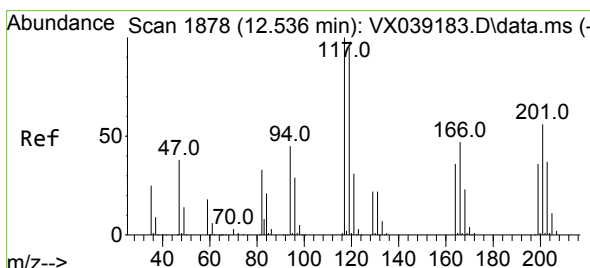
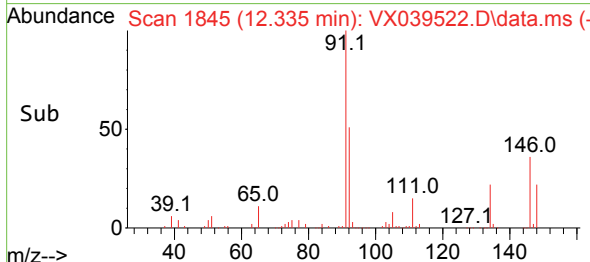
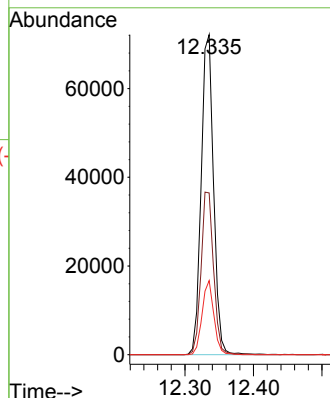
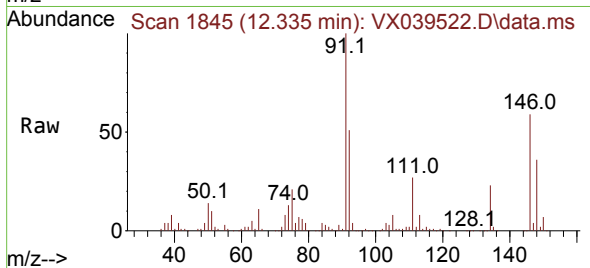
Tgt Ion: 91	Resp: 9093
Ion Ratio	Lower Upper
91	100
92	51.3 27.4 82.0
134	22.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#90

Hexachloroethane

Concen: 17.870 ug/l

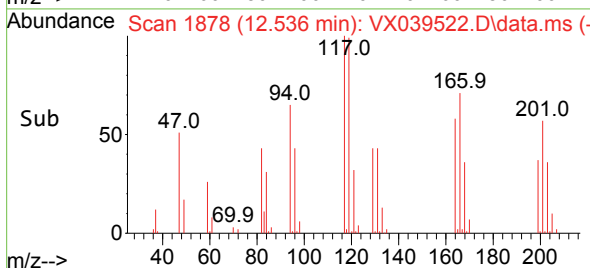
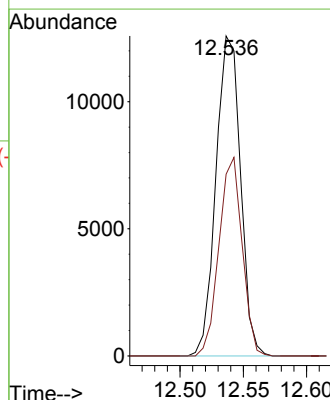
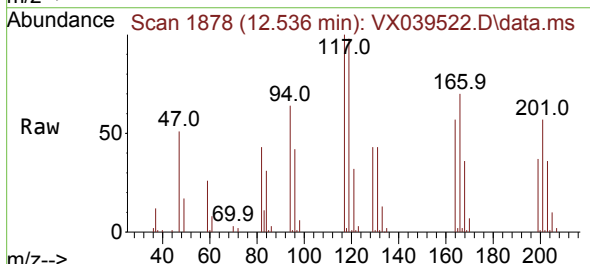
RT: 12.536 min Scan# 1878

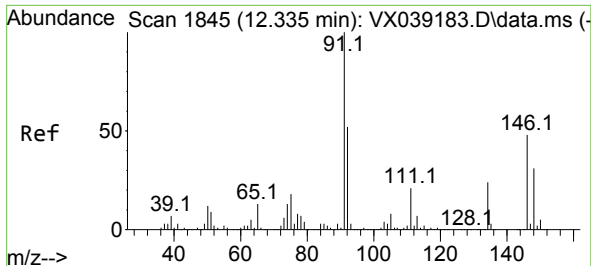
Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

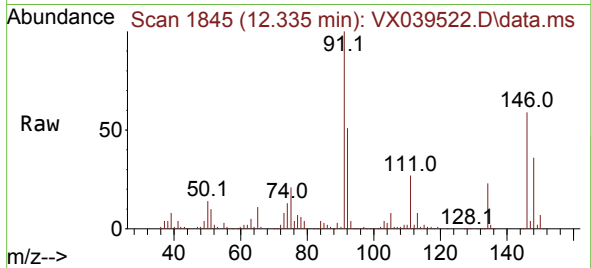
Tgt Ion:117	Resp: 16966
Ion Ratio	Lower Upper
117	100
201	58.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.921 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

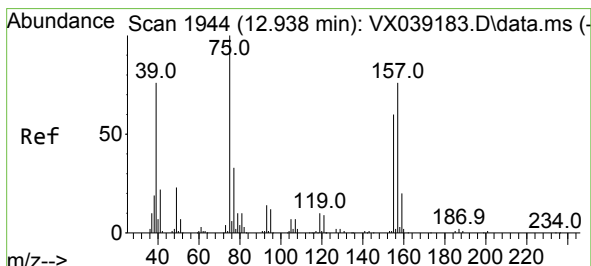
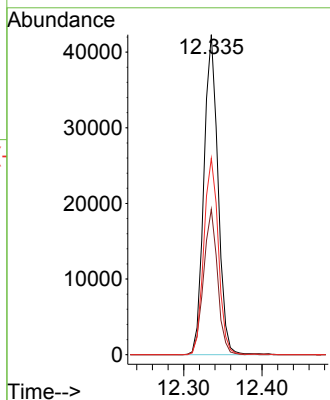
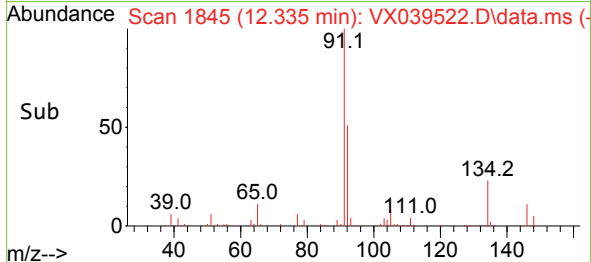
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01



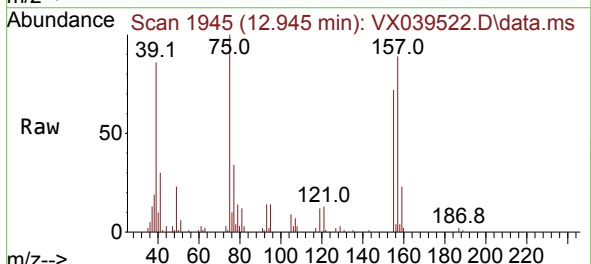
Tgt Ion:146 Resp: 5279
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.0 31.6 95.0

Manual Integrations
APPROVED

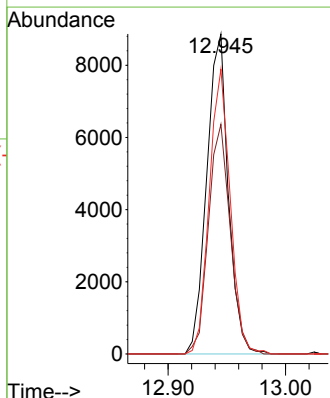
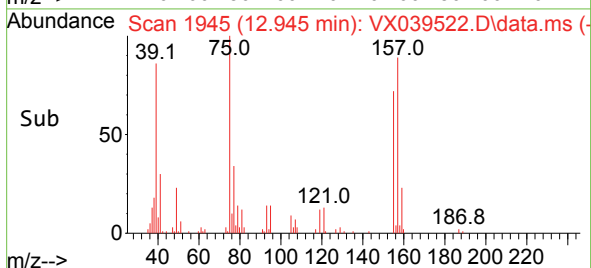
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

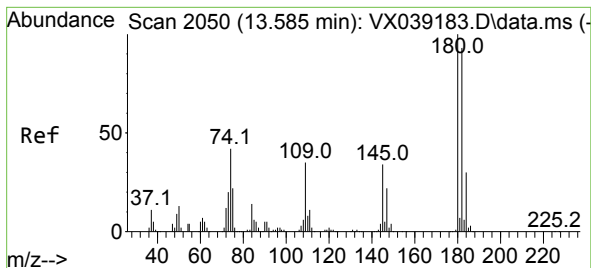


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.065 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26



Tgt Ion: 75 Resp: 11340
Ion Ratio Lower Upper
75 100
155 72.6 36.1 108.5
157 86.4 44.9 134.7





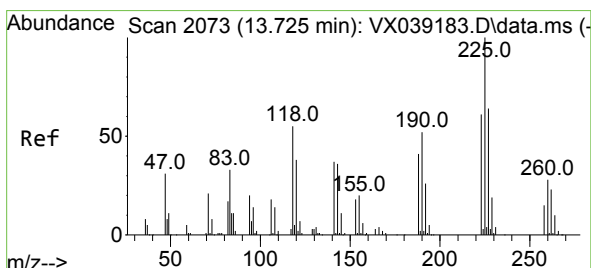
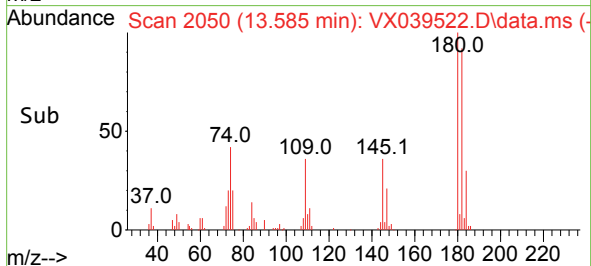
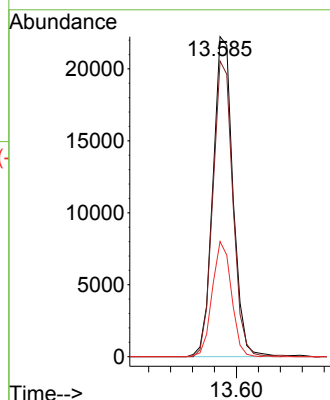
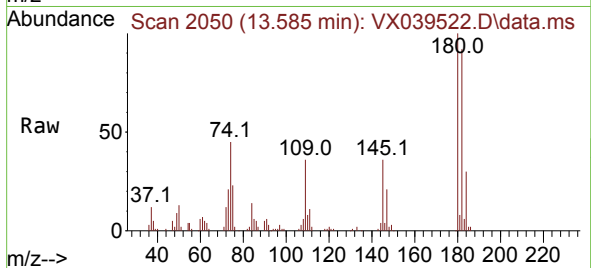
#93
1,2,4-Trichlorobenzene
Concen: 17.044 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1228MBS01

Tgt Ion:180 Resp: 2816
Ion Ratio Lower Upper
180 100
182 91.6 48.3 144.8
145 34.6 18.0 54.0

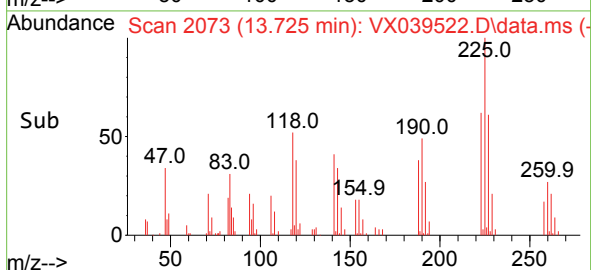
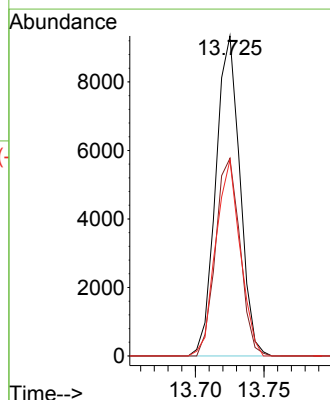
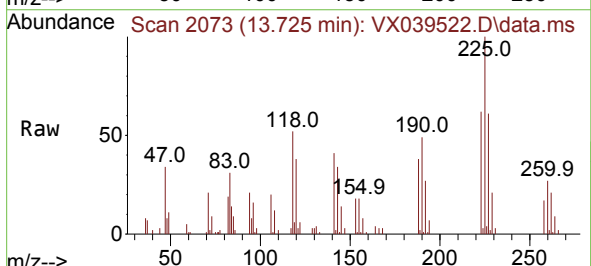
Manual Integrations
APPROVED

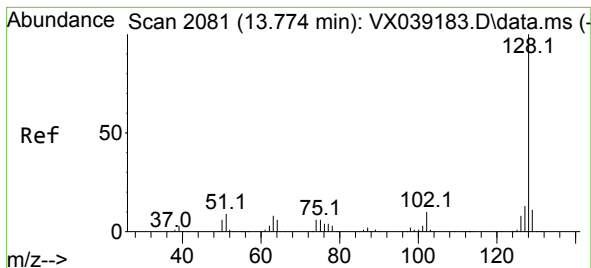
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#94
Hexachlorobutadiene
Concen: 18.337 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039522.D
Acq: 28 Dec 2023 17:26

Tgt Ion:225 Resp: 11418
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 62.1 32.5 97.5





#95

Naphthalene

Concen: 20.131 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBS01

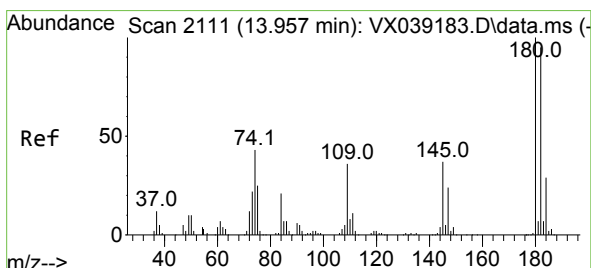
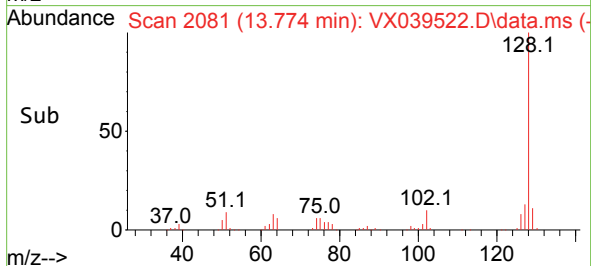
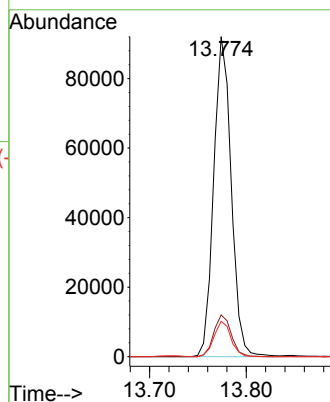
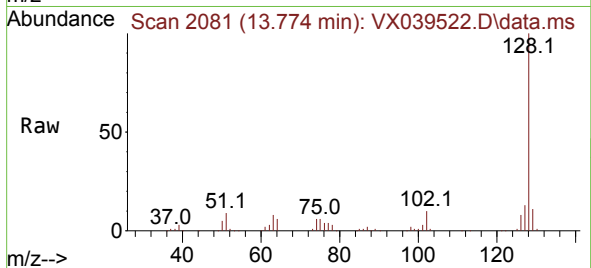
Tgt Ion:128	Resp: 11584
Ion Ratio	Lower Upper
128 100	
127 13.0	10.3 15.5
129 10.7	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.597 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039522.D

Acq: 28 Dec 2023 17:26

Tgt Ion:180	Resp: 29665
Ion Ratio	Lower Upper
180 100	
182 93.2	46.9 140.6
145 36.8	17.8 53.5

