

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039528.D
 Acq On : 28 Dec 2023 19:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 28 22:57:05 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	101093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89881	48.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.060%		
35) Dibromofluoromethane	5.385	113	65001	49.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	8.647	98	242474	49.682	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.360%		
62) 4-Bromofluorobenzene	11.079	95	93793	46.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69299	48.783	ug/l	96
3) Chloromethane	1.294	50	81495	51.748	ug/l	99
4) Vinyl Chloride	1.374	62	78556	53.635	ug/l	100
5) Bromomethane	1.593	94	36283	43.059	ug/l	95
6) Chloroethane	1.660	64	30068	34.066	ug/l	95
7) Trichlorofluoromethane	1.868	101	107340	50.050	ug/l	98
8) Diethyl Ether	2.136	74	41449	55.841	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	64854	49.554	ug/l	96
10) Methyl Iodide	2.447	142	68315	50.500	ug/l	93
11) Tert butyl alcohol	3.001	59	126593	272.210	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	64402	49.539	ug/l	94
13) Acrolein	2.239	56	151006	407.019	ug/l	100
14) Allyl chloride	2.660	41	129170	49.048	ug/l	95
15) Acrylonitrile	3.069	53	262139	281.607	ug/l	99
16) Acetone	2.386	43	224772	204.891	ug/l	93
17) Carbon Disulfide	2.502	76	158255	41.599	ug/l	98
18) Methyl Acetate	2.703	43	230650	57.581	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	242031	51.478	ug/l	98
20) Methylene Chloride	2.788	84	78656	50.949	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	67739	47.886	ug/l	97
22) Diisopropyl ether	3.764	45	259470	54.126	ug/l	87
23) Vinyl Acetate	3.721	43	937292	262.628	ug/l	99
24) 1,1-Dichloroethane	3.605	63	138201	50.999	ug/l	98
25) 2-Butanone	4.562	43	379525	237.486	ug/l	99
26) 2,2-Dichloropropane	4.471	77	88170	37.268	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	80426	51.510	ug/l	99
28) Bromochloromethane	4.897	49	68005	51.432	ug/l	93
29) Tetrahydrofuran	5.007	42	256996	291.200	ug/l	98
30) Chloroform	5.093	83	136365	50.355	ug/l	100
31) Cyclohexane	5.464	56	120473	50.365	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	114068	48.521	ug/l	98
36) 1,1-Dichloropropene	5.690	75	98437	47.451	ug/l	99
37) Ethyl Acetate	4.721	43	137482	53.642	ug/l	99
38) Carbon Tetrachloride	5.678	117	90258	45.591	ug/l	99
39) Methylcyclohexane	7.379	83	119303	47.877	ug/l	98
40) Benzene	6.038	78	296651	50.552	ug/l	99

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 VSTDC0050EC

Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	74953	54.812	ug/l	96
42) 1,2-Dichloroethane	6.086	62	114661	48.270	ug/l	100
43) Isopropyl Acetate	6.342	43	214858	51.553	ug/l	99
44) Trichloroethene	7.123	130	69260	46.771	ug/l	94
45) 1,2-Dichloropropane	7.428	63	82663	52.487	ug/l	97
46) Dibromomethane	7.580	93	53942	48.724	ug/l	97
47) Bromodichloromethane	7.824	83	100543	47.498	ug/l	98
48) Methyl methacrylate	7.696	41	128594	52.778	ug/l	96
49) 1,4-Dioxane	7.665	88	43477	1323.775	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	744705	280.444	ug/l	99
52) Toluene	8.720	92	180102	50.849	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	104437	44.813	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117250	46.758	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	76510	51.743	ug/l	93
56) Ethyl methacrylate	9.116	69	97786	54.172	ug/l	97
57) 1,3-Dichloropropane	9.305	76	129959	50.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	305826	288.533	ug/l	93
59) 2-Hexanone	9.433	43	596332	260.207	ug/l	99
60) Dibromochloromethane	9.525	129	71242	47.640	ug/l	99
61) 1,2-Dibromoethane	9.610	107	80462	50.973	ug/l	99
64) Tetrachloroethene	9.275	164	53963	47.410	ug/l	95
65) Chlorobenzene	10.079	112	184654	48.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65727	48.943	ug/l	99
67) Ethyl Benzene	10.195	91	352586	49.822	ug/l	99
68) m/p-Xylenes	10.299	106	253617	99.951	ug/l	94
69) o-Xylene	10.640	106	126852	51.706	ug/l	97
70) Styrene	10.653	104	184388	51.410	ug/l	97
71) Bromoform	10.799	173	47005	47.090	ug/l #	100
73) Isopropylbenzene	10.963	105	336768	53.297	ug/l	100
74) N-amyl acetate	10.842	43	187457	58.635	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	136164	57.927	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110498m	52.150	ug/l	
77) Bromobenzene	11.201	156	73301	52.459	ug/l	93
78) n-propylbenzene	11.305	91	397339	51.037	ug/l	97
79) 2-Chlorotoluene	11.366	91	242101	51.411	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	288127	53.526	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	34633	46.110	ug/l	99
82) 4-Chlorotoluene	11.457	91	276597	50.008	ug/l	98
83) tert-Butylbenzene	11.713	119	270392	52.781	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	292272	52.946	ug/l	99
85) sec-Butylbenzene	11.890	105	339121	52.021	ug/l	98
86) p-Isopropyltoluene	12.006	119	284068	51.924	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	135721	49.441	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	136151	47.635	ug/l	99
89) n-Butylbenzene	12.335	91	260227	48.387	ug/l	96
90) Hexachloroethane	12.536	117	49090	49.674	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	136169	51.843	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32831	53.027	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	79498	46.223	ug/l	97
94) Hexachlorobutadiene	13.725	225	31030	47.875	ug/l	99
95) Naphthalene	13.774	128	324415	54.163	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	81846	49.295	ug/l	99

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MSVOA_X
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VSTDCCC050EC

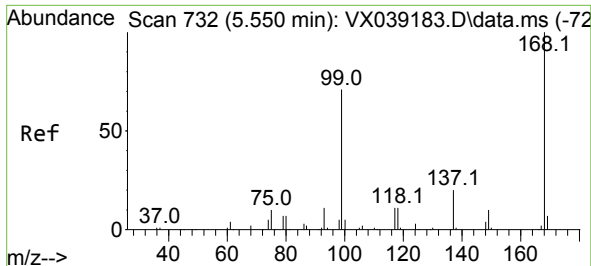
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/01/2024

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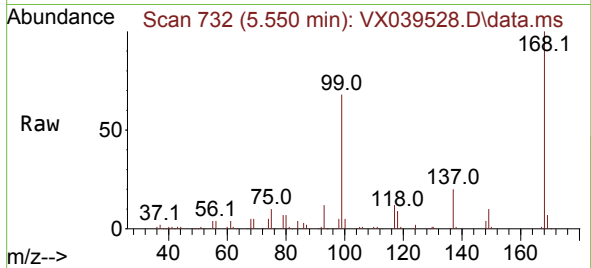
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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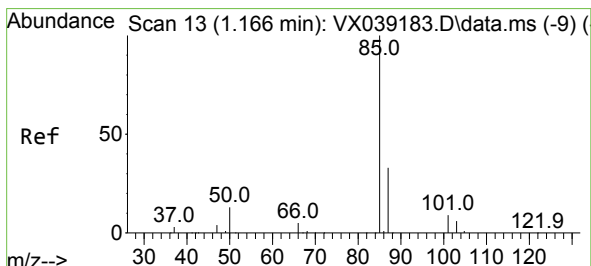
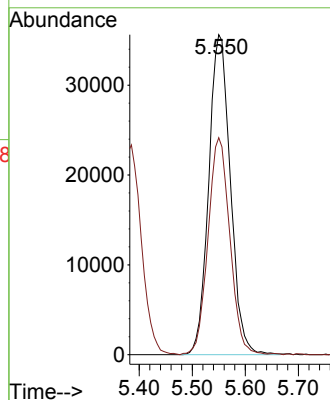
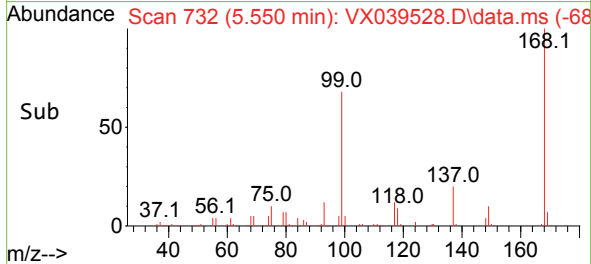
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 10109
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0

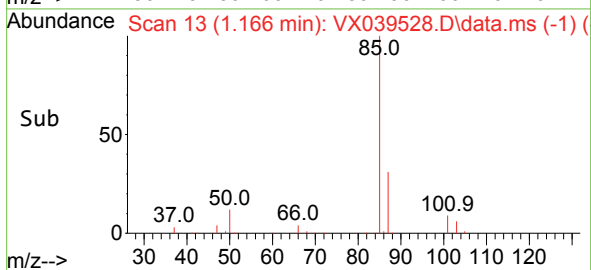
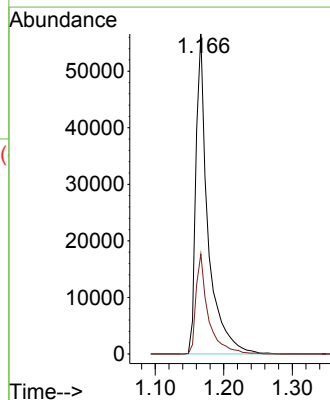
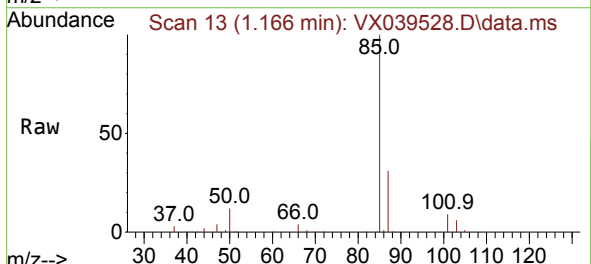
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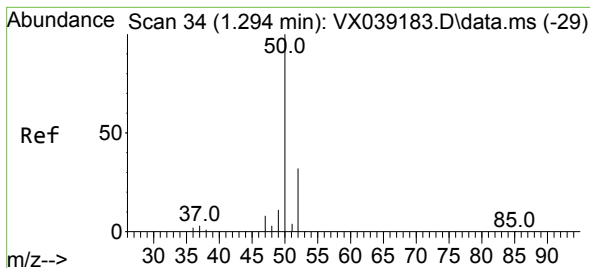
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#2
Dichlorodifluoromethane
Concen: 48.783 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

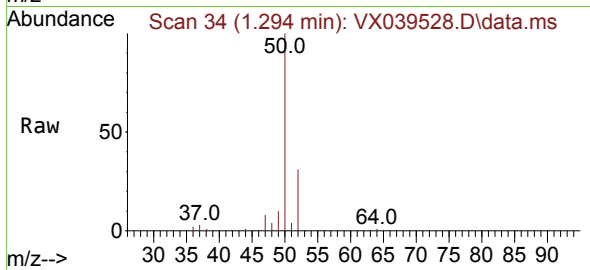
Tgt Ion: 85 Resp: 69299
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.1





#3
Chloromethane
Concen: 51.748 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

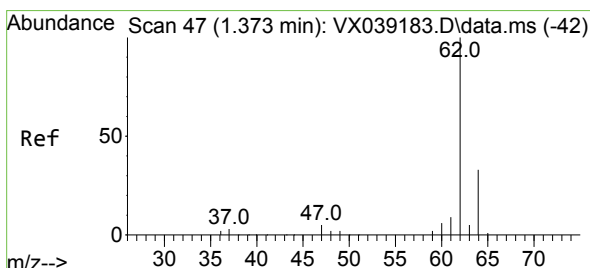
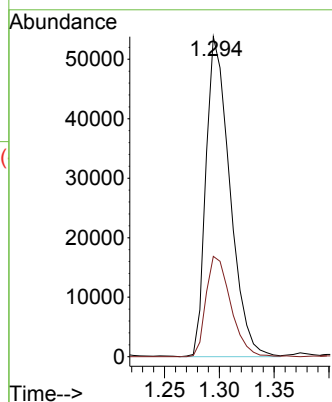
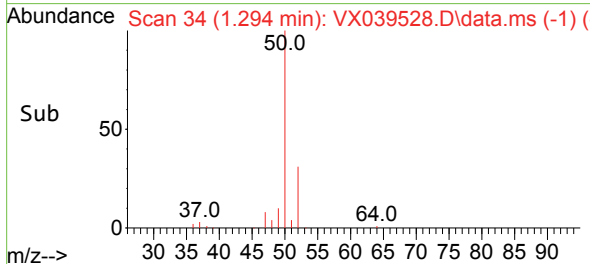
Instrument :
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Tgt Ion: 50 Resp: 81495
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

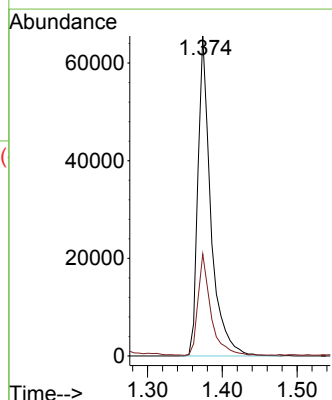
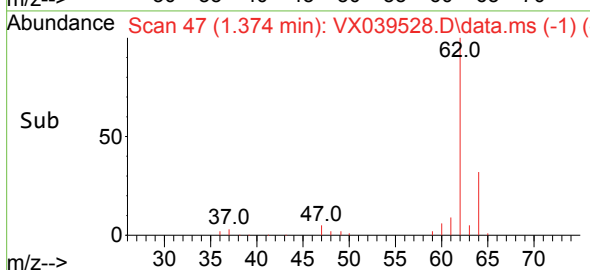
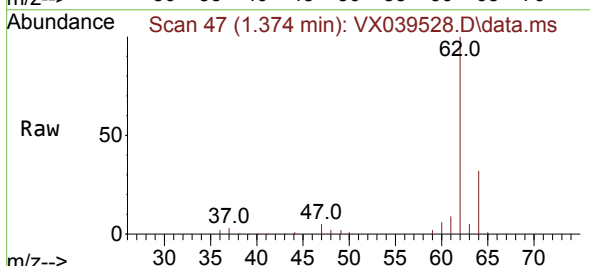
Manual Integrations
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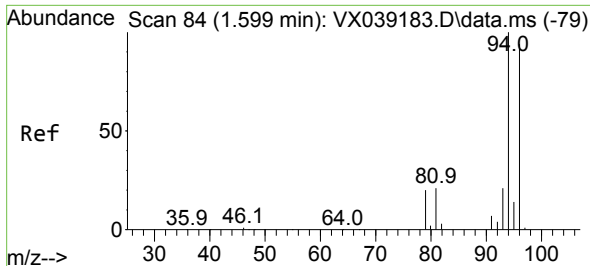
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#4
Vinyl Chloride
Concen: 53.635 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

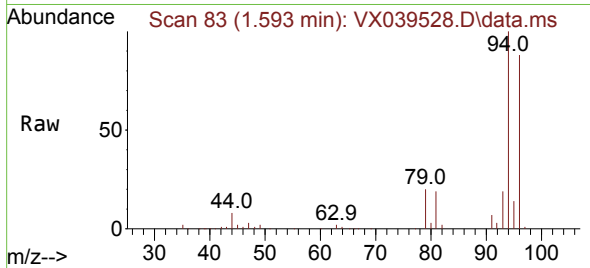
Tgt Ion: 62 Resp: 78556
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 43.059 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

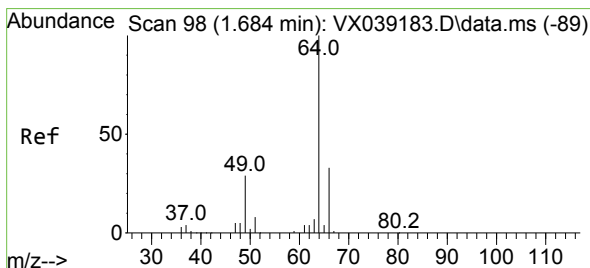
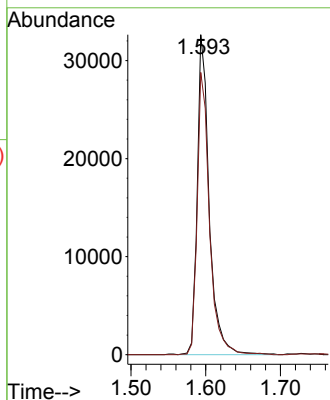
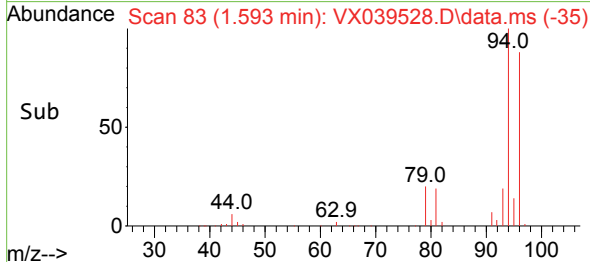
Instrument :
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Tgt Ion: 94 Resp: 3628
Ion Ratio Lower Upper
94 100
96 88.2 74.6 111.8

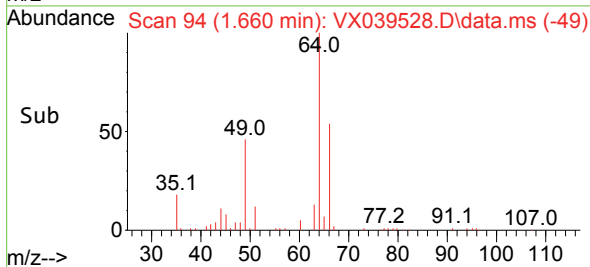
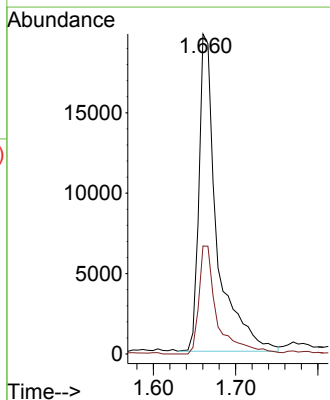
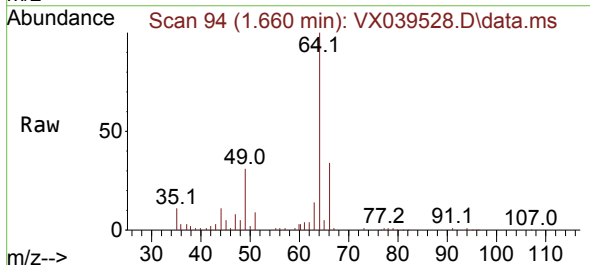
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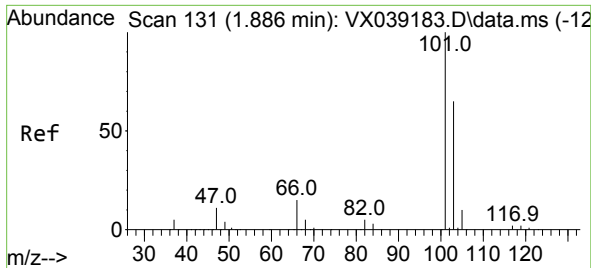
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#6
Chloroethane
Concen: 34.066 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

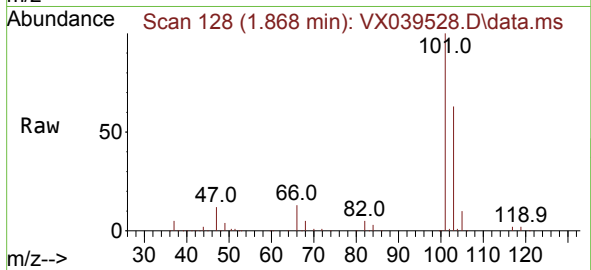
Tgt Ion: 64 Resp: 30068
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.050 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

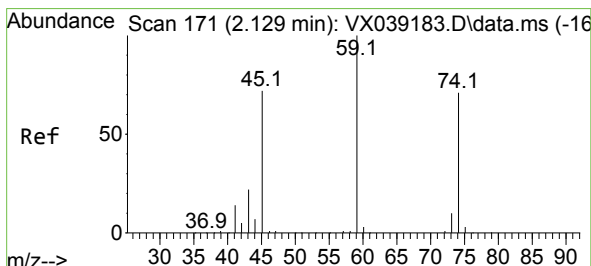
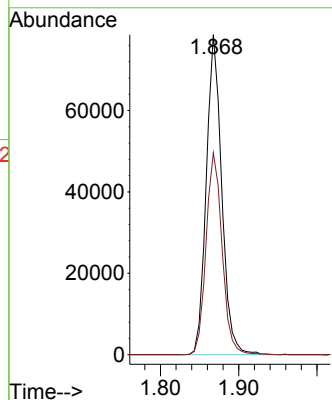
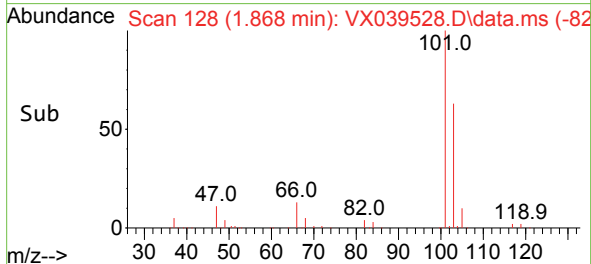
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 107340
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2

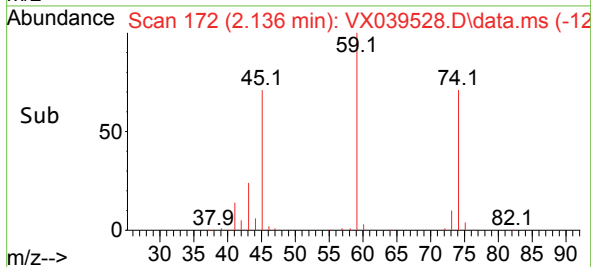
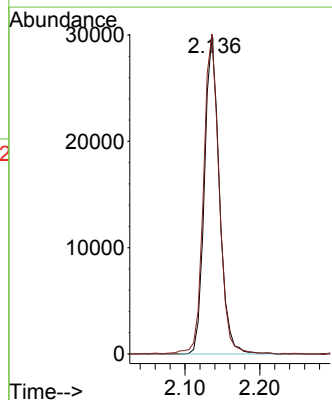
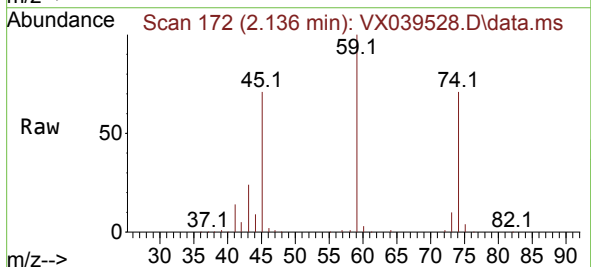
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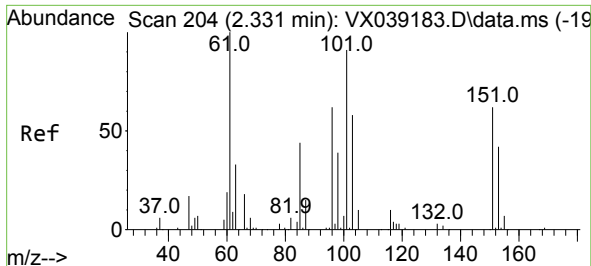
Reviewed By :John Carlone 12/29/2023
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#8
Diethyl Ether
Concen: 55.841 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Acq: 28 Dec 2023 19:43

Tgt Ion: 74 Resp: 41449
Ion Ratio Lower Upper
74 100
45 105.3 53.3 159.8





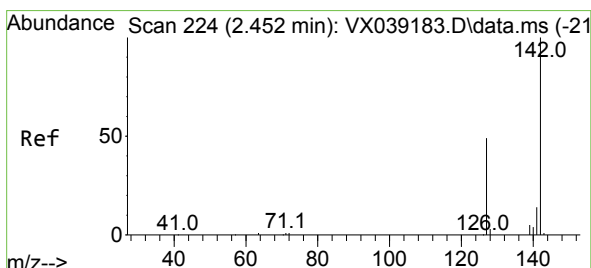
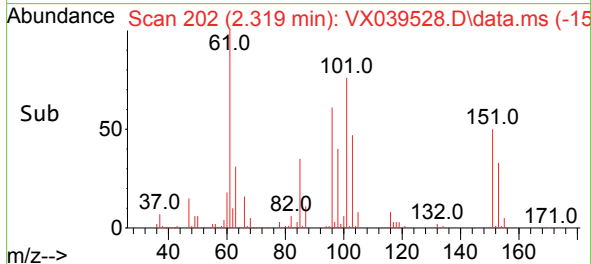
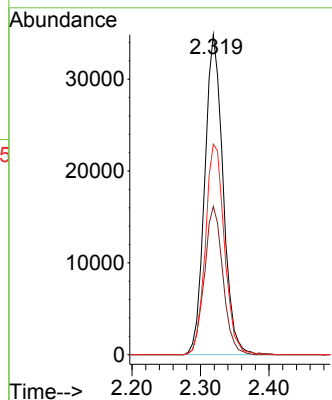
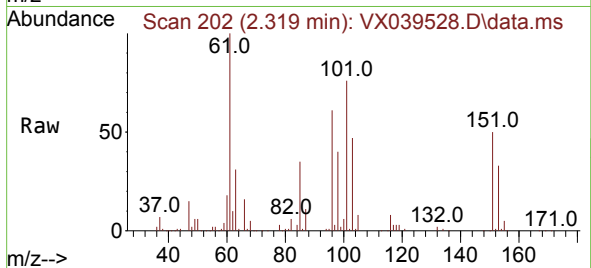
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.554 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 64854
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 68.4 58.6 87.8

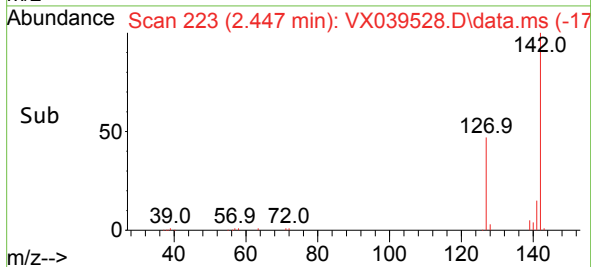
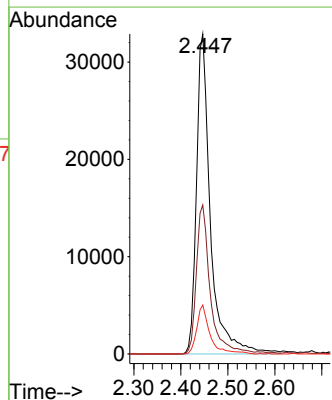
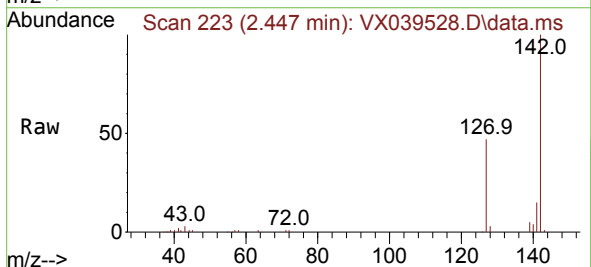
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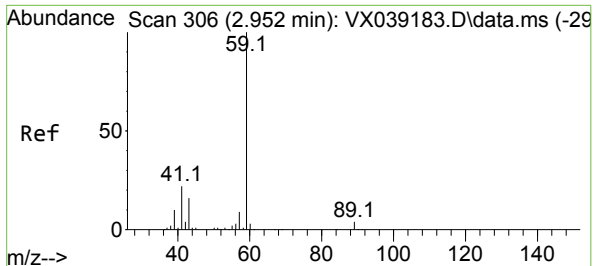
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#10
Methyl Iodide
Concen: 50.500 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion:142 Resp: 68315
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 272.210 ug/l

RT: 3.001 min Scan# 314

Delta R.T. 0.049 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 12659

Ion Ratio Lower Upper

59 100

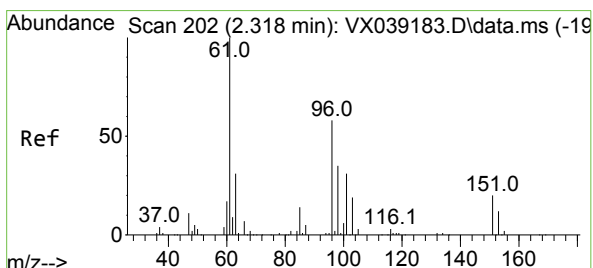
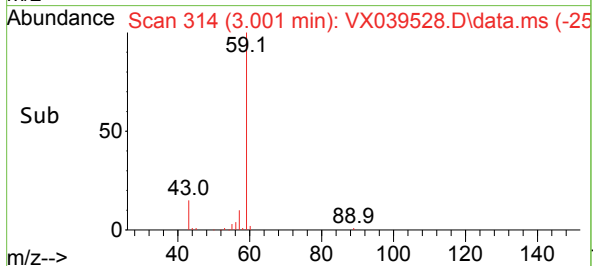
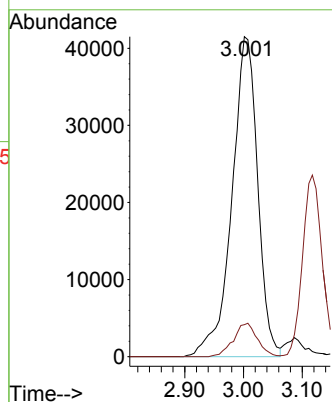
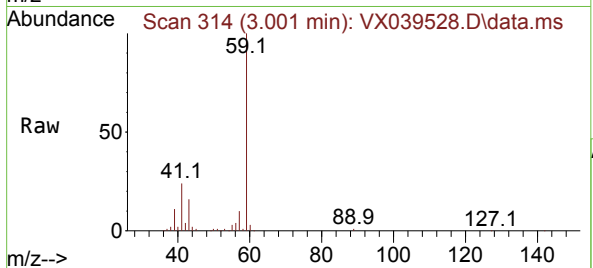
57 9.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#12

1,1-Dichloroethene

Concen: 49.539 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

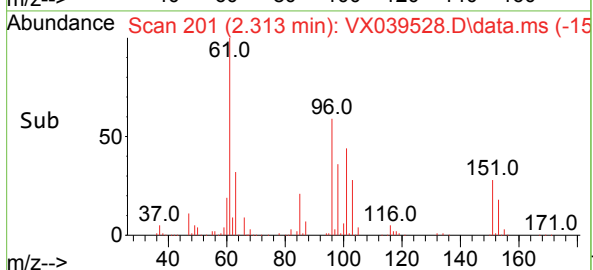
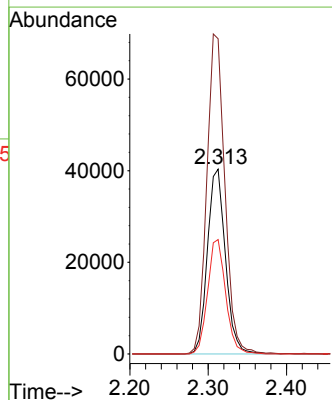
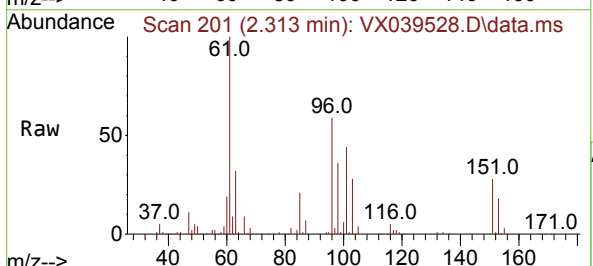
Tgt Ion: 96 Resp: 64402

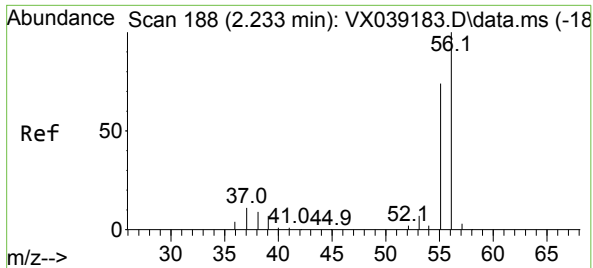
Ion Ratio Lower Upper

96 100

61 170.7 144.6 216.8

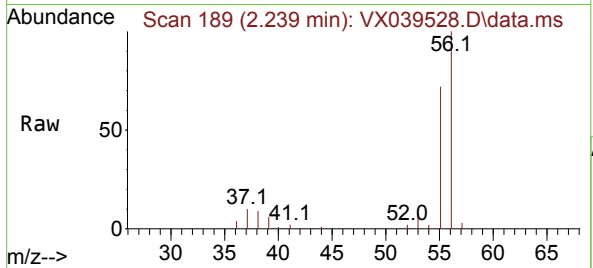
98 62.0 50.4 75.6





#13
Acrolein
Concen: 407.019 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

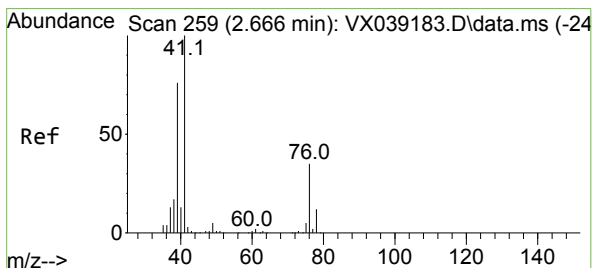
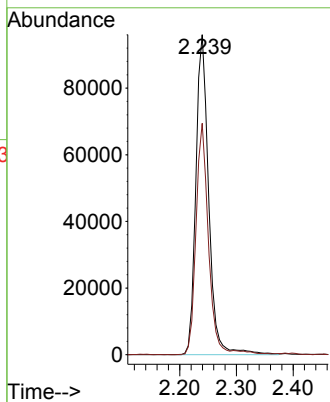
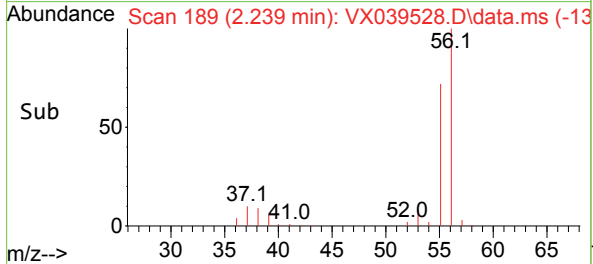
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 151000
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

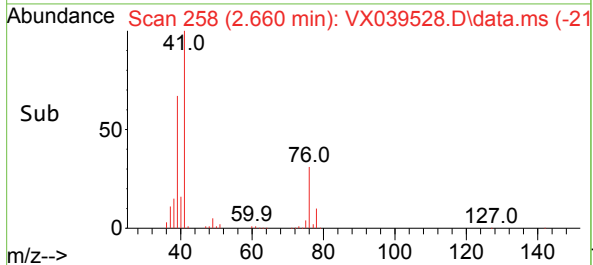
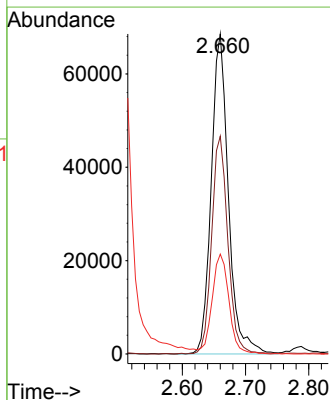
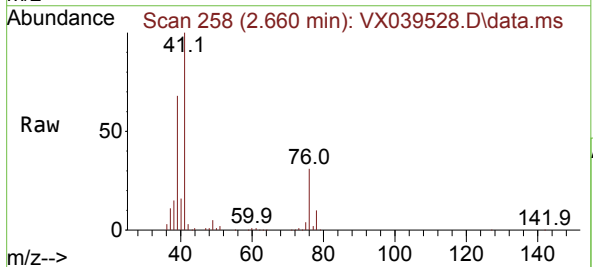
Manual Integrations
APPROVED

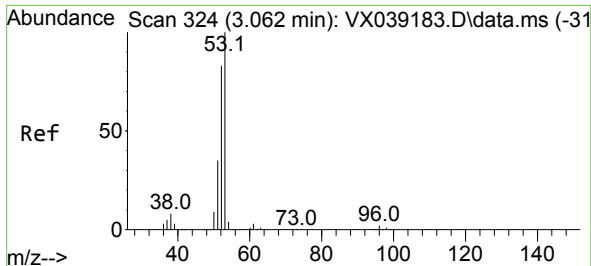
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#14
Allyl chloride
Concen: 49.048 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

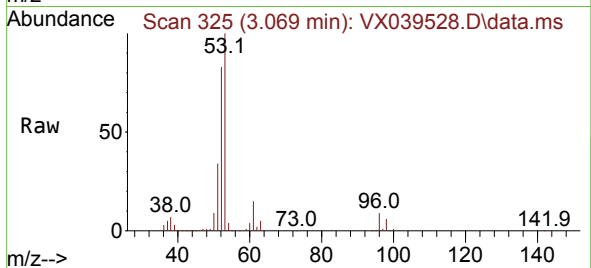
Tgt Ion: 41 Resp: 129170
Ion Ratio Lower Upper
41 100
39 63.9 55.8 83.6
76 30.5 24.3 36.5





#15
Acrylonitrile
Concen: 281.607 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

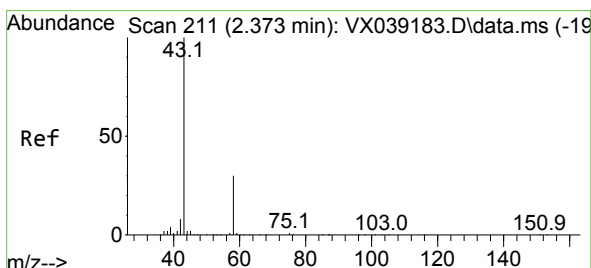
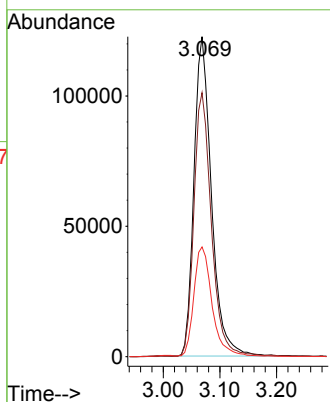
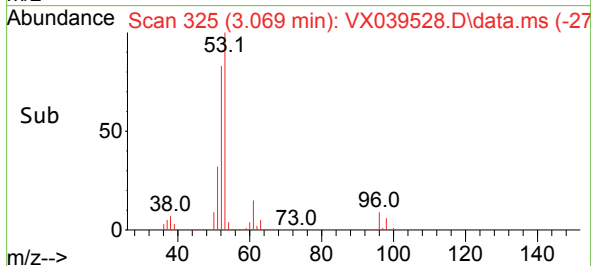
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 262139
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 35.9 29.8 44.6

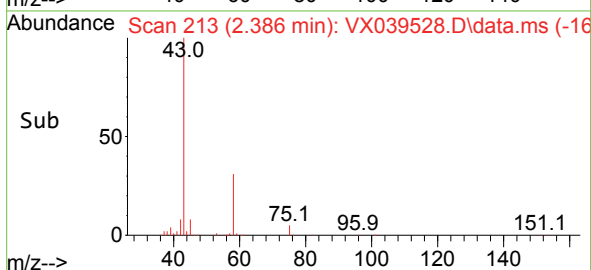
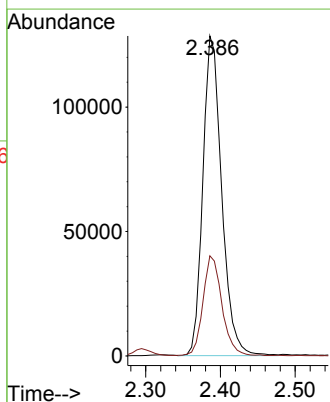
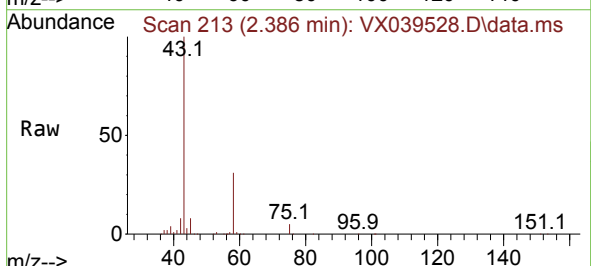
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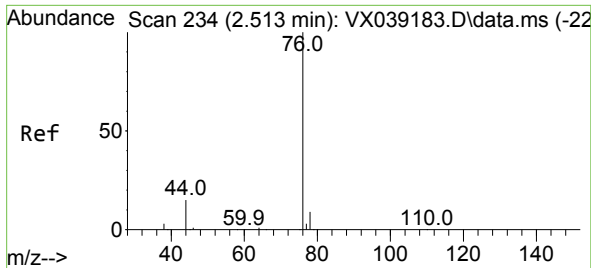
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#16
Acetone
Concen: 204.891 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion: 43 Resp: 224772
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9





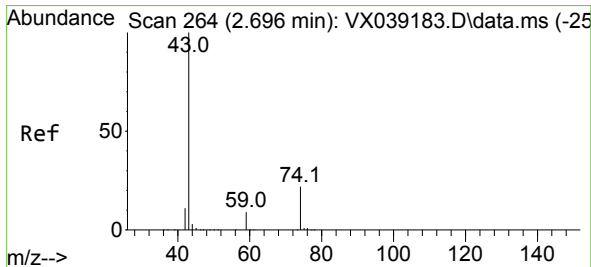
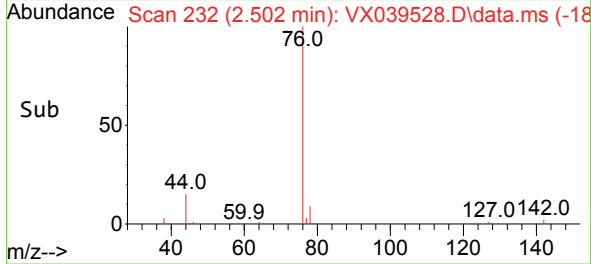
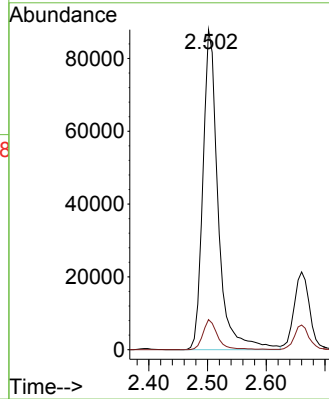
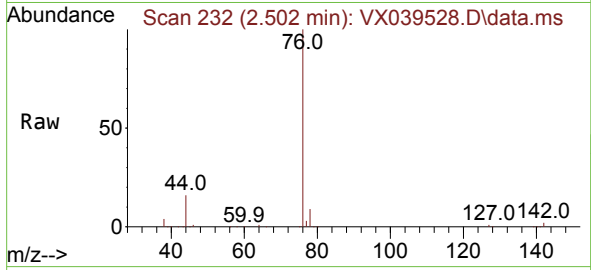
#17
Carbon Disulfide
Concen: 41.599 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 15825
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

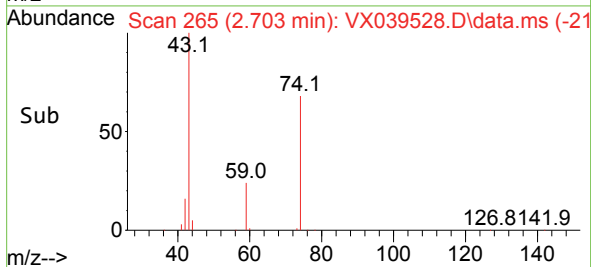
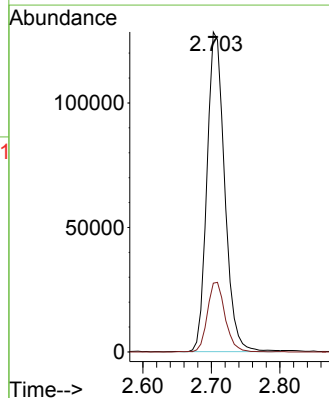
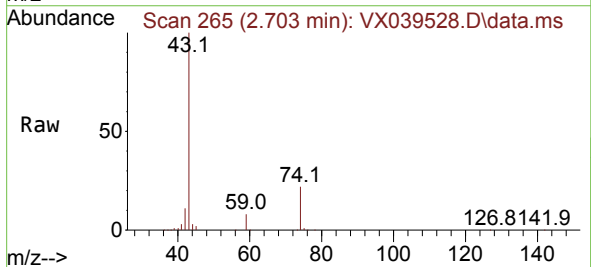
Manual Integrations
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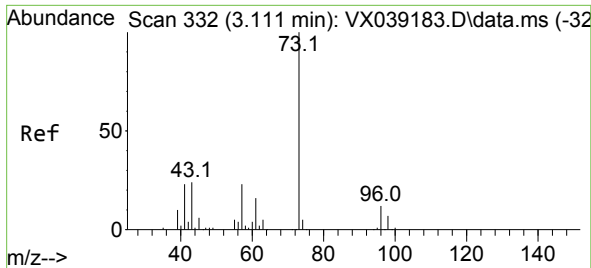
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#18
Methyl Acetate
Concen: 57.581 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion: 43 Resp: 230650
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





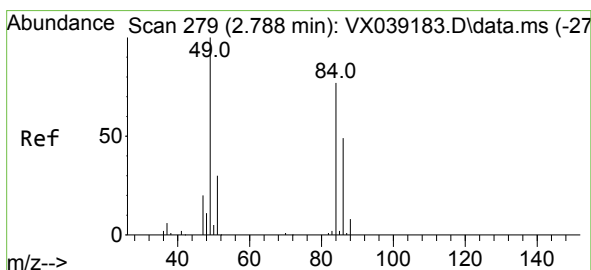
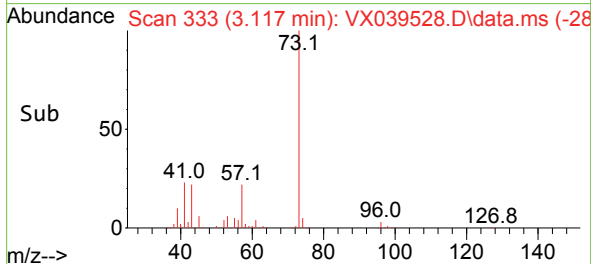
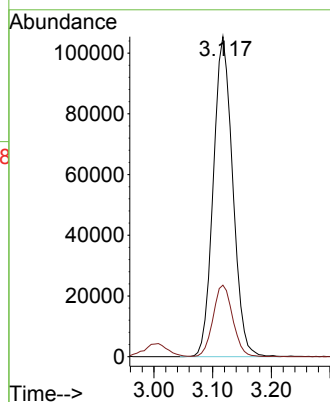
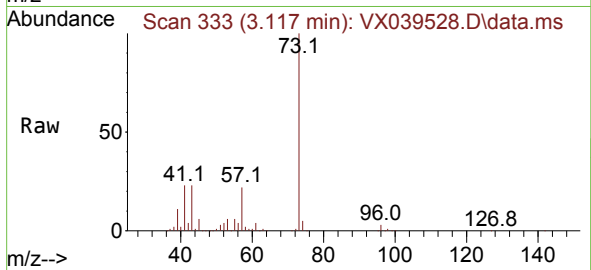
#19
Methyl tert-butyl Ether
Concen: 51.478 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 24203
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

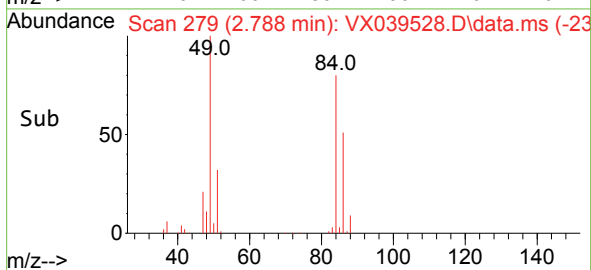
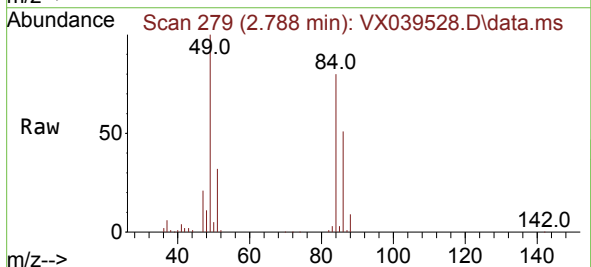
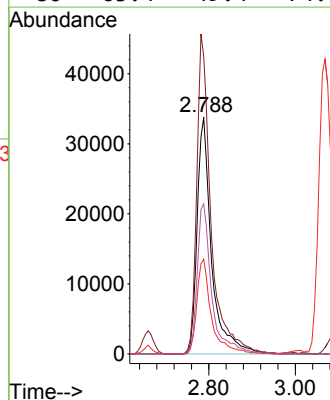
Manual Integrations
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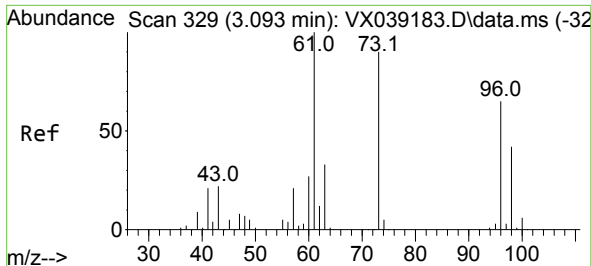
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#20
Methylene Chloride
Concen: 50.949 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

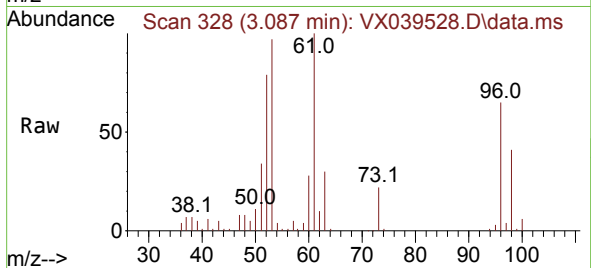
Tgt Ion: 84 Resp: 78656
Ion Ratio Lower Upper
84 100
49 125.6 103.6 155.4
51 40.0 33.8 50.6
86 63.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.886 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

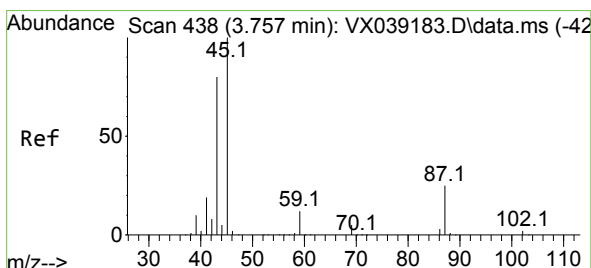
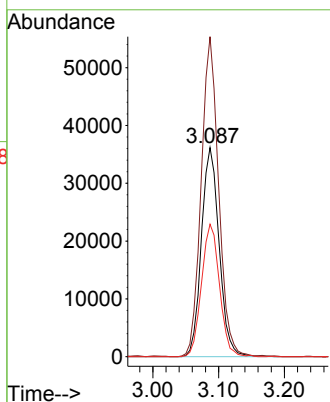
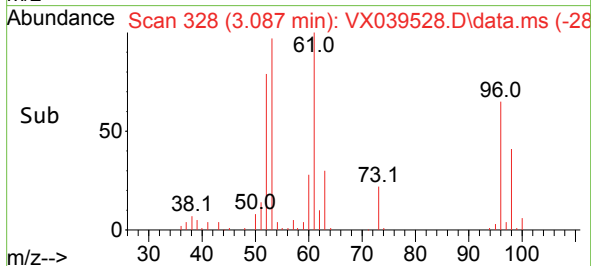
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 67739
Ion Ratio Lower Upper
96 100
61 153.0 119.2 178.8
98 63.3 48.7 73.1

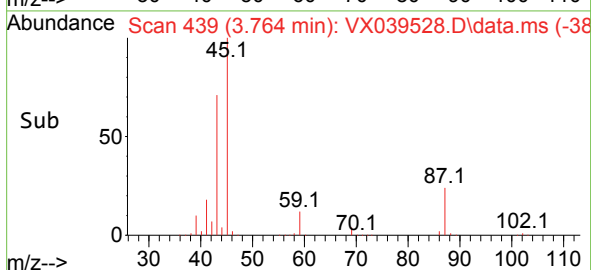
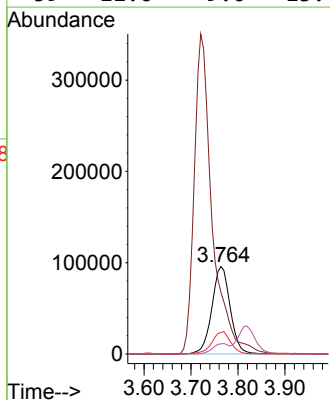
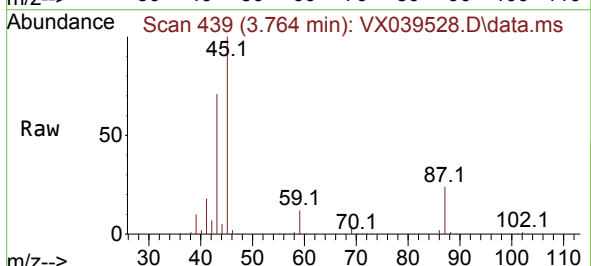
Manual Integrations
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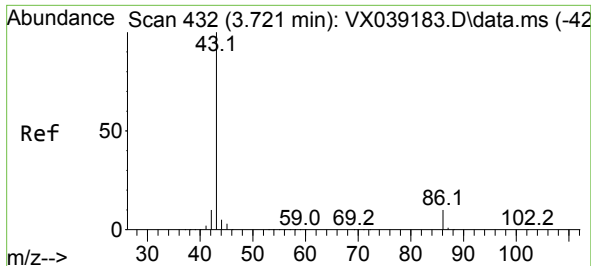
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#22
Diisopropyl ether
Concen: 54.126 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

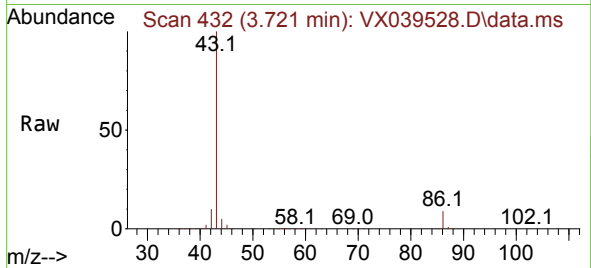
Tgt Ion: 45 Resp: 259470
Ion Ratio Lower Upper
45 100
43 70.7 69.7 104.5
87 24.5 20.8 31.2
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 262.628 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039528.D
 Acq: 28 Dec 2023 19:43

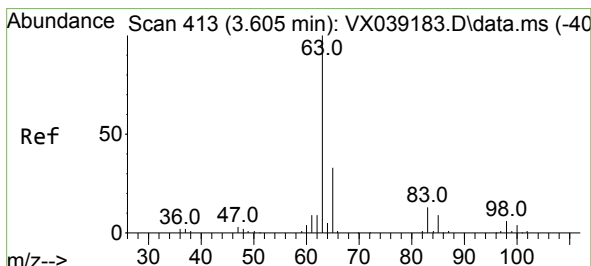
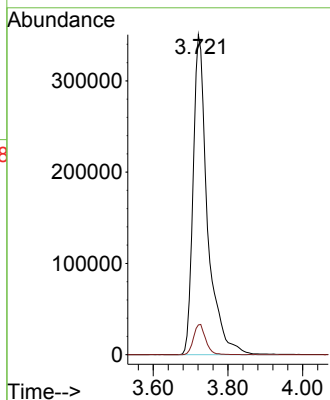
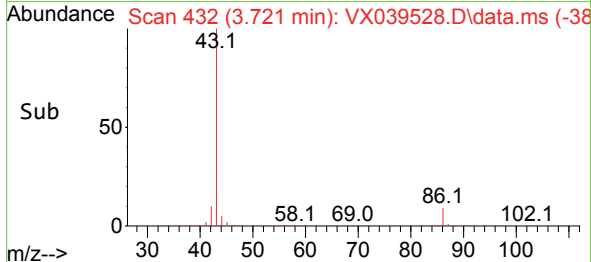
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



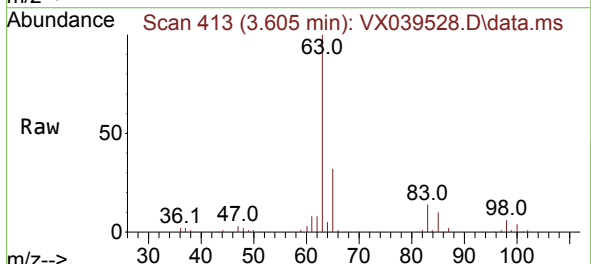
Tgt Ion: 43 Resp: 937292
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

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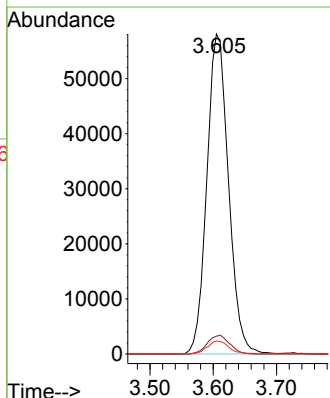
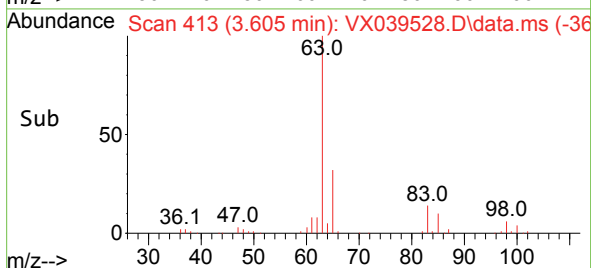
Reviewed By :John Carlone 12/29/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

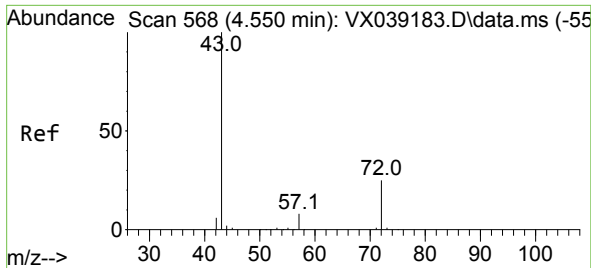


#24
 1,1-Dichloroethane
 Concen: 50.999 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039528.D
 Acq: 28 Dec 2023 19:43



Tgt Ion: 63 Resp: 138201
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.8
 100 4.1 2.1 6.5





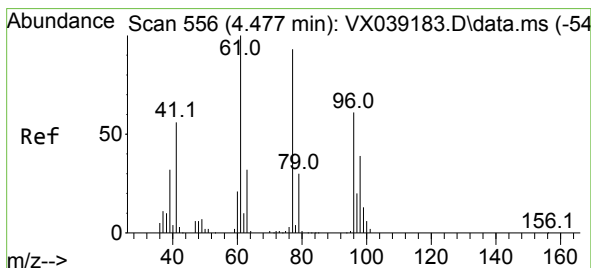
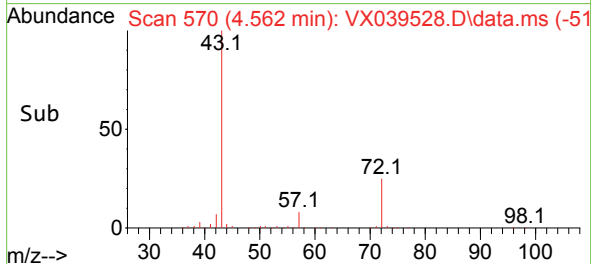
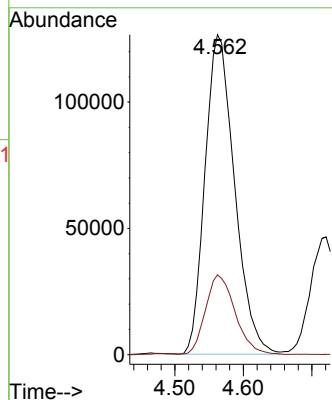
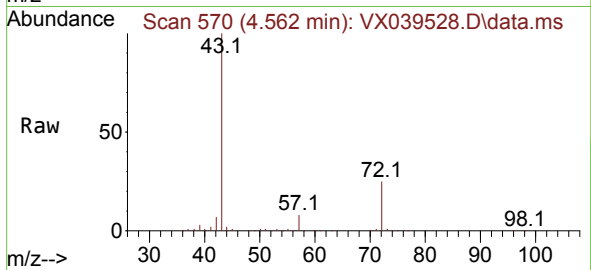
#25
2-Butanone
Concen: 237.486 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 37952
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

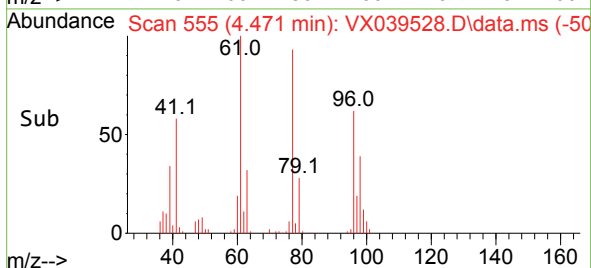
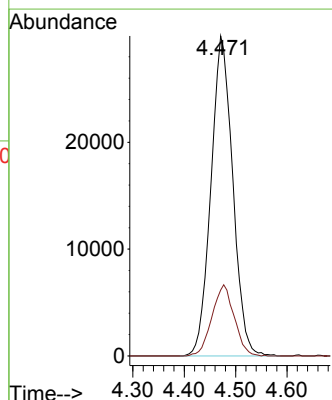
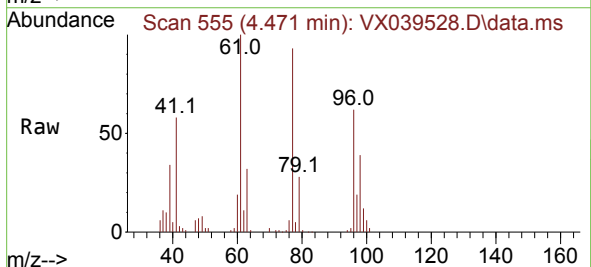
Manual Integrations
APPROVED

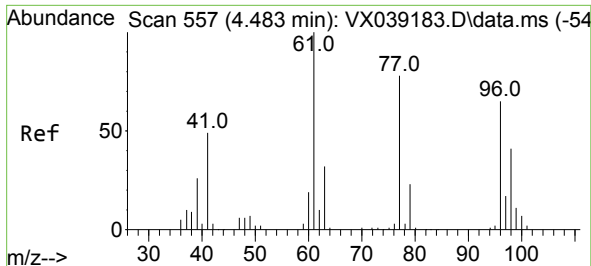
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#26
2,2-Dichloropropane
Concen: 37.268 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion: 77 Resp: 88170
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.510 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 80420

Ion Ratio Lower Upper

96 100

61 154.0 0.0 312.2

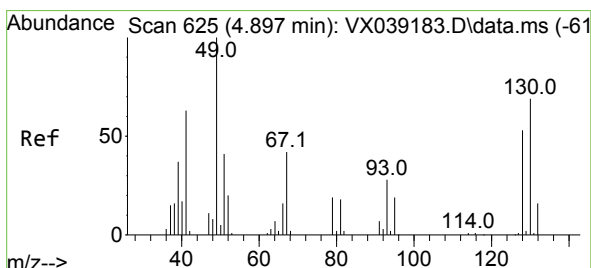
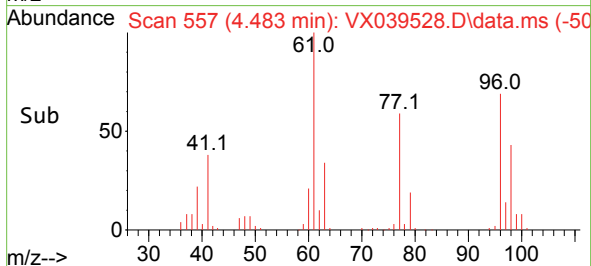
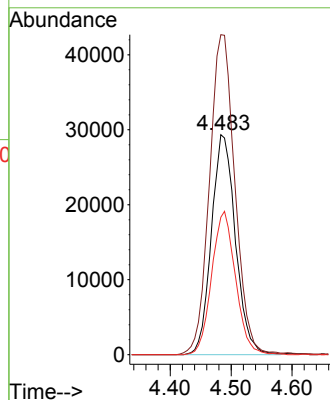
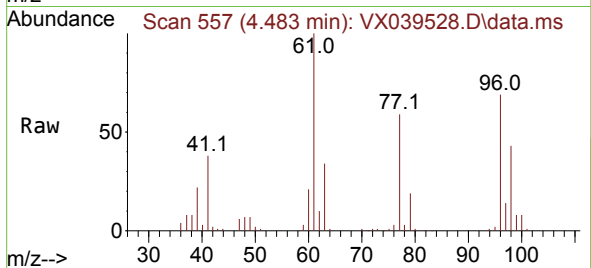
98 64.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#28

Bromochloromethane

Concen: 51.432 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

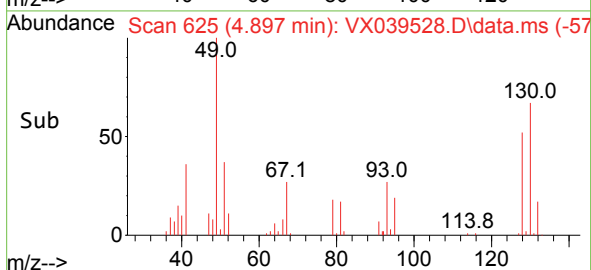
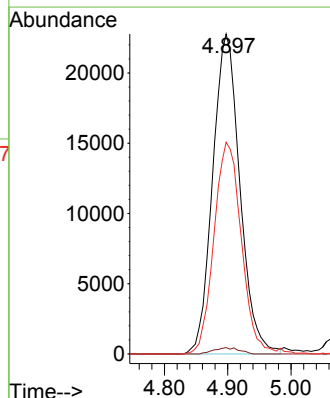
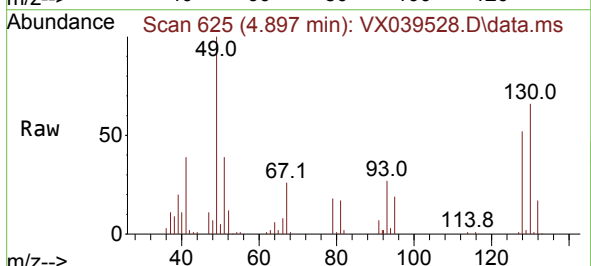
Tgt Ion: 49 Resp: 68005

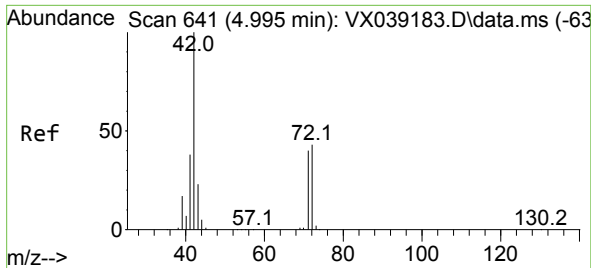
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 66.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 291.200 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.013 min

Lab File: VX039528.D

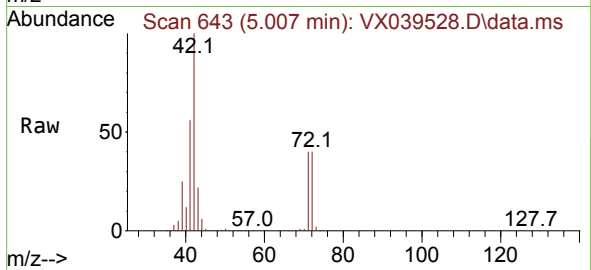
Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 256990

Ion Ratio Lower Upper

42 100

72 41.7 34.2 51.4

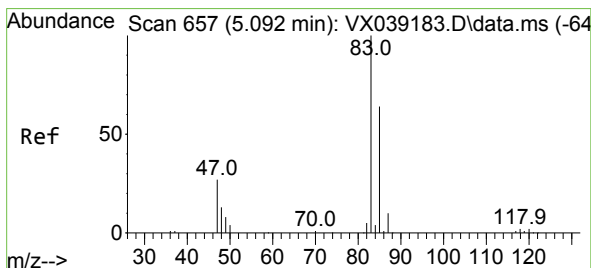
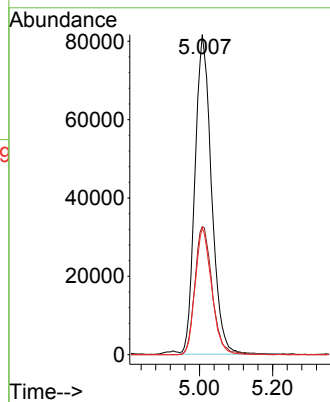
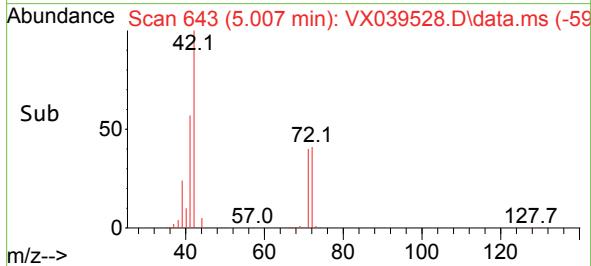
71 39.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#30

Chloroform

Concen: 50.355 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039528.D

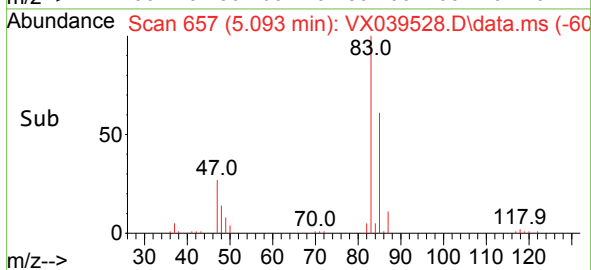
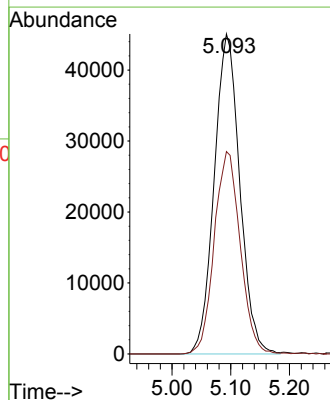
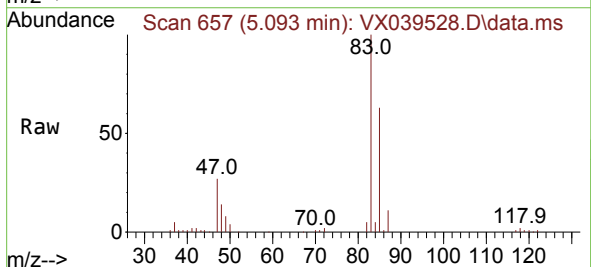
Acq: 28 Dec 2023 19:43

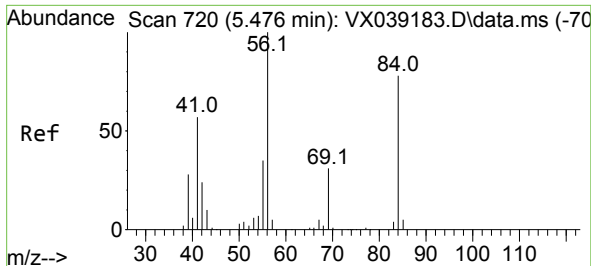
Tgt Ion: 83 Resp: 136365

Ion Ratio Lower Upper

83 100

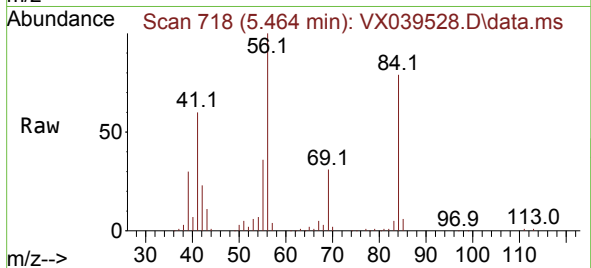
85 63.3 50.3 75.5





#31
Cyclohexane
Concen: 50.365 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

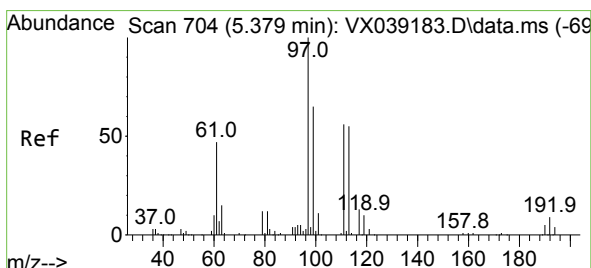
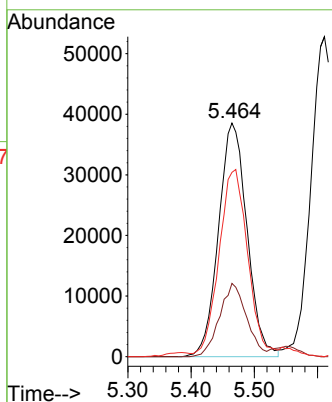
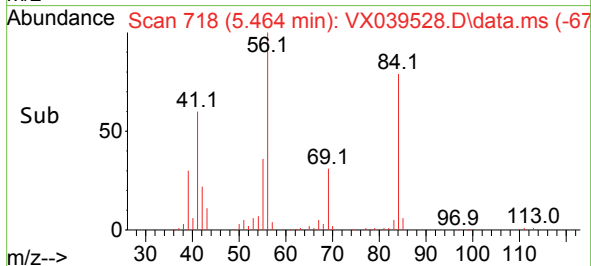
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12047
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 77.2 65.9 98.9

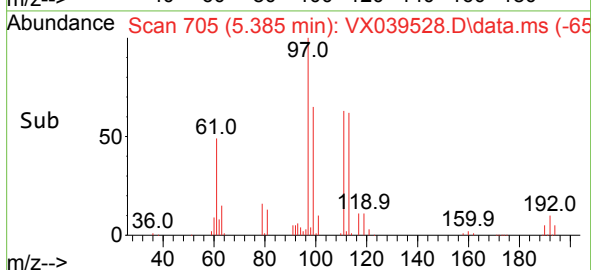
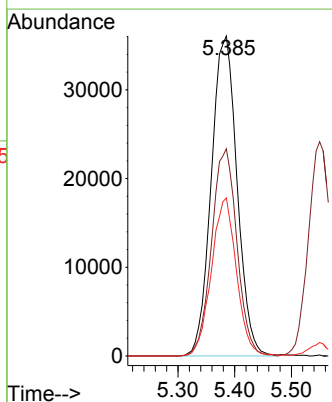
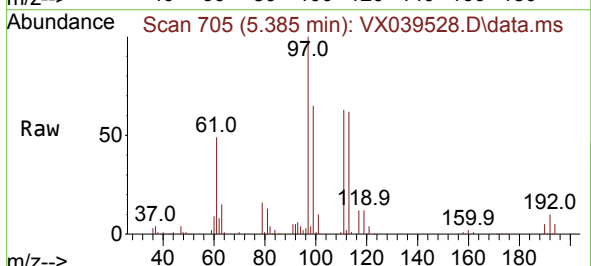
Manual Integrations
APPROVED

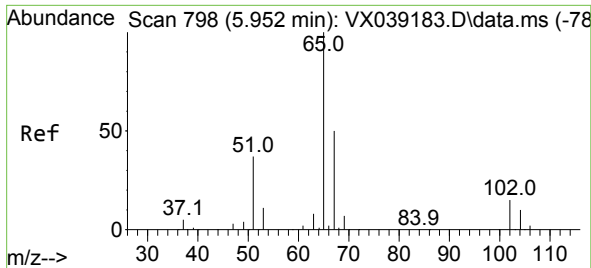
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#32
1,1,1-Trichloroethane
Concen: 48.521 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion: 97 Resp: 114068
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 48.0 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 48.533 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

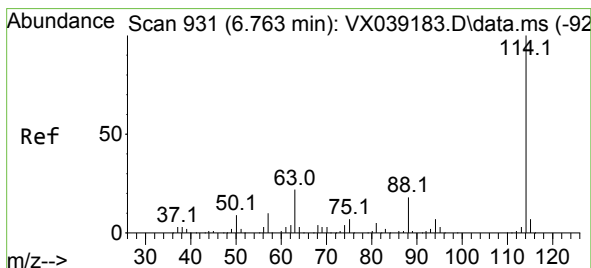
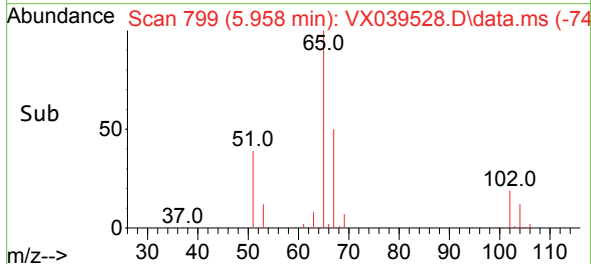
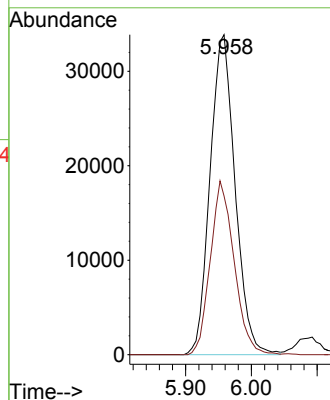
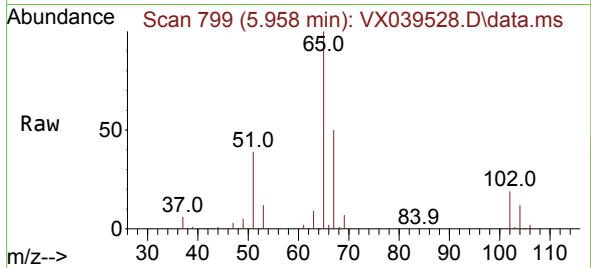
VSTDCCC050EC

Tgt Ion: 65 Resp: 8988
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

Manual Integrations

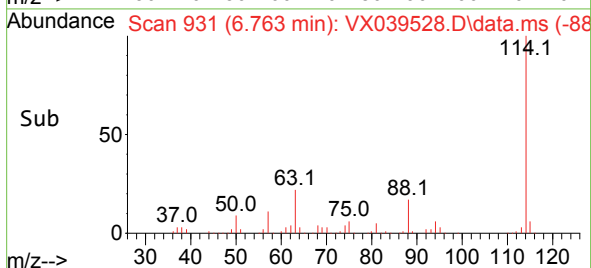
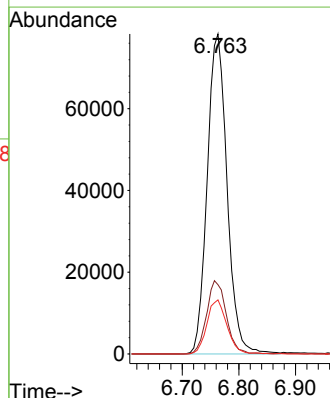
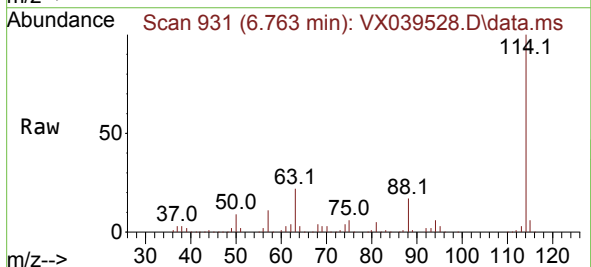
APPROVED

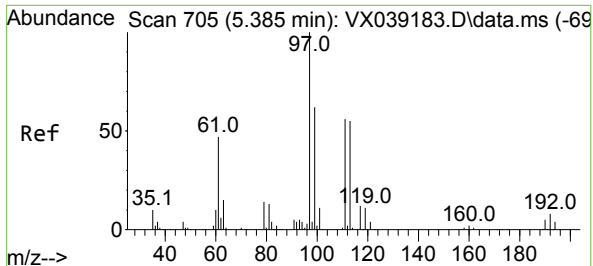
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion:114 Resp: 190290
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.445 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

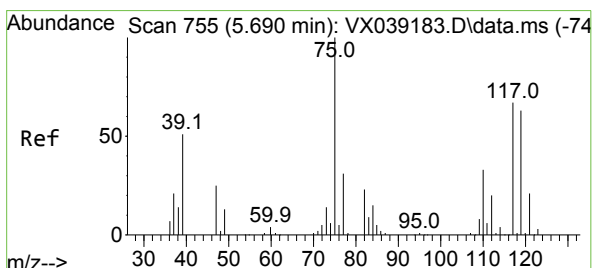
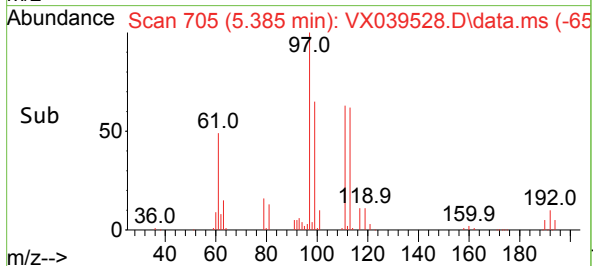
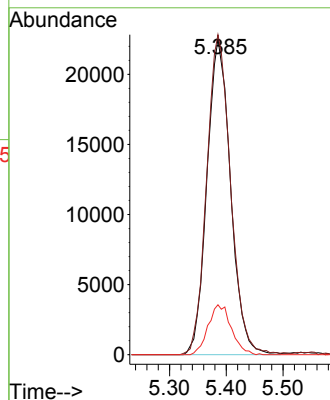
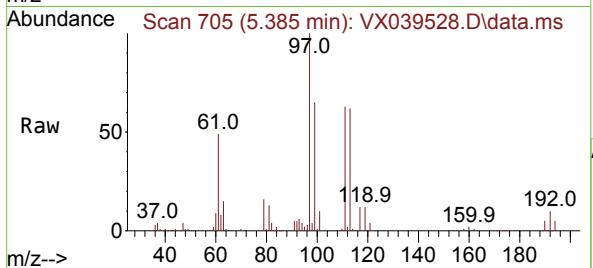
Tgt Ion:	113	Resp:	6500
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.9	124.3
192	15.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#36

1,1-Dichloropropene

Concen: 47.451 ug/l

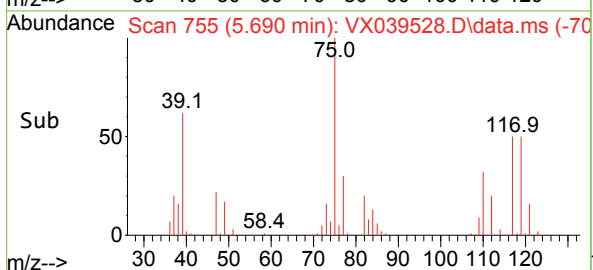
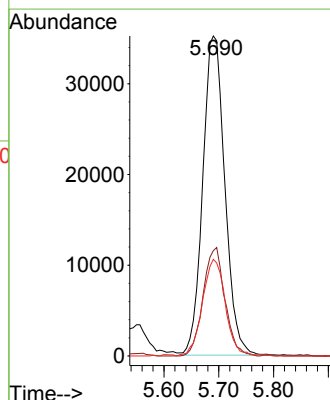
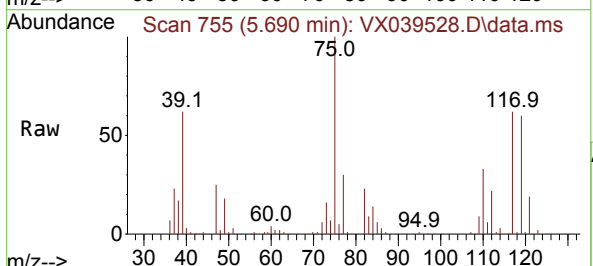
RT: 5.690 min Scan# 755

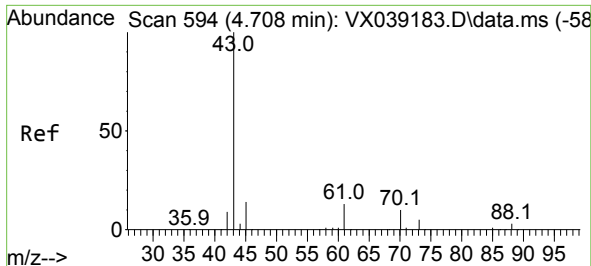
Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

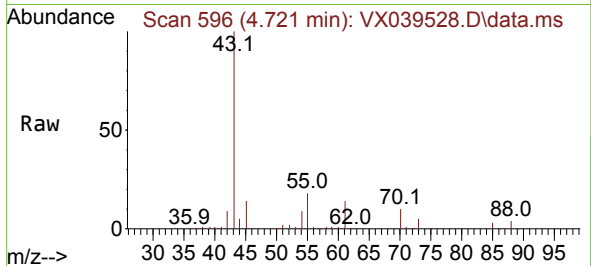
Tgt Ion:	75	Resp:	98437
Ion Ratio	Lower	Upper	
75	100		
110	33.5	17.0	50.9
77	31.4	24.7	37.1





#37
Ethyl Acetate
Concen: 53.642 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

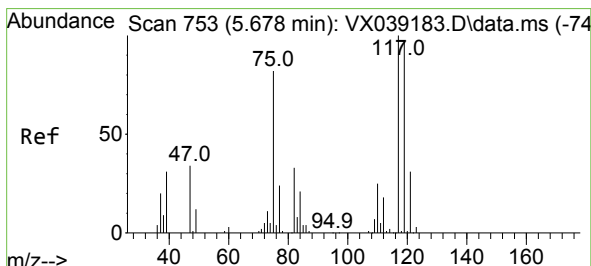
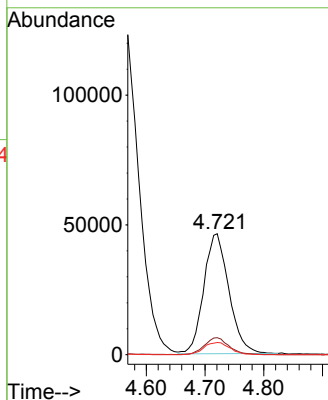
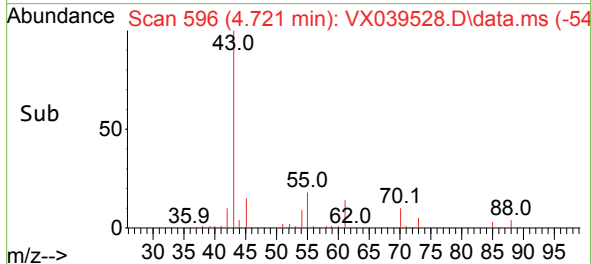
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 13748
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 10.6 8.3 12.5

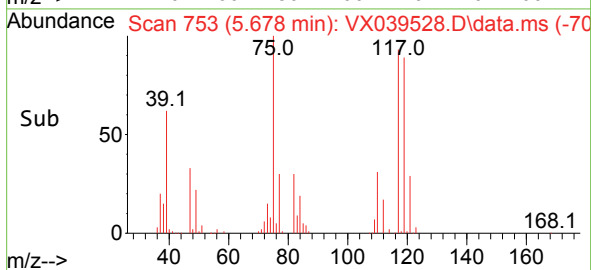
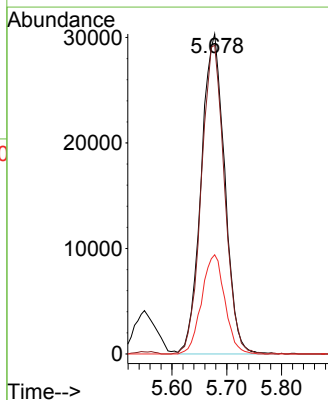
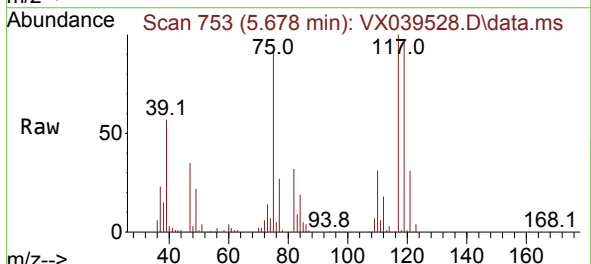
Manual Integrations
APPROVED

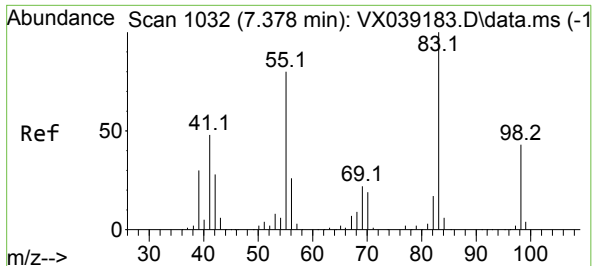
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#38
Carbon Tetrachloride
Concen: 45.591 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion:117 Resp: 90258
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.2
121 31.0 24.4 36.6





#39
Methylcyclohexane
Concen: 47.877 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

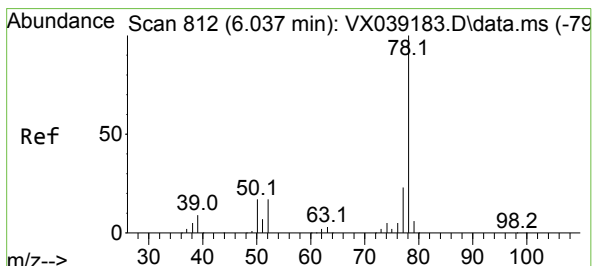
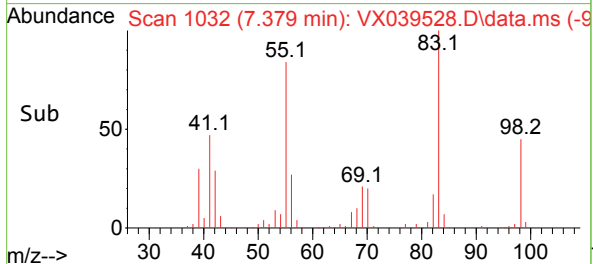
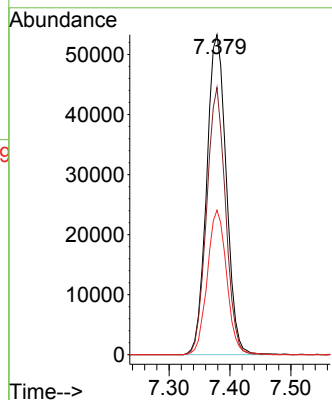
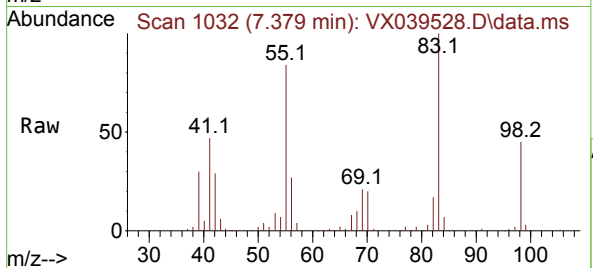
VSTDCCC050EC

Tgt Ion: 83 Resp: 11930
Ion Ratio Lower Upper
83 100
55 83.5 64.6 97.0
98 45.2 36.7 55.1

Manual Integrations

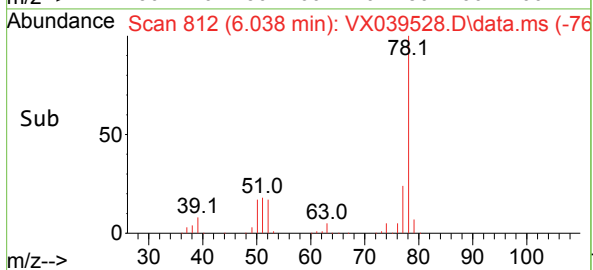
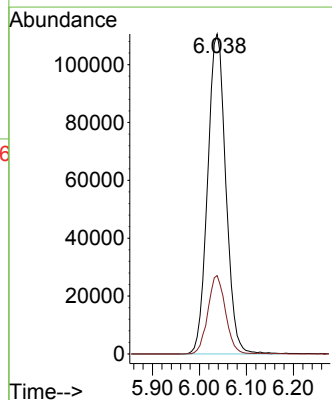
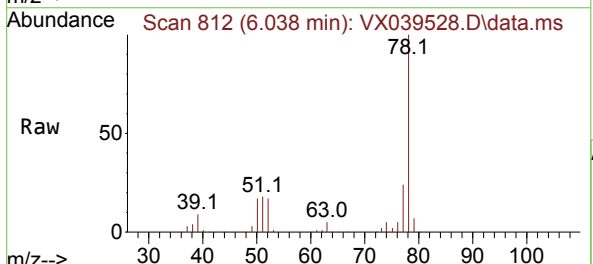
APPROVED

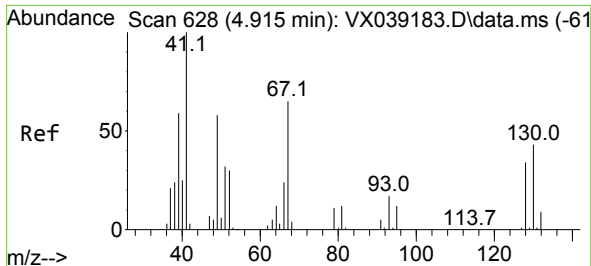
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#40
Benzene
Concen: 50.552 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion: 78 Resp: 296651
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





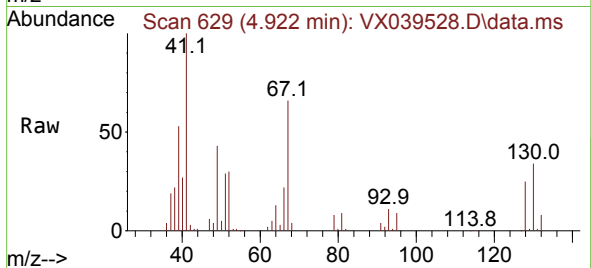
#41
Methacrylonitrile
Concen: 54.812 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

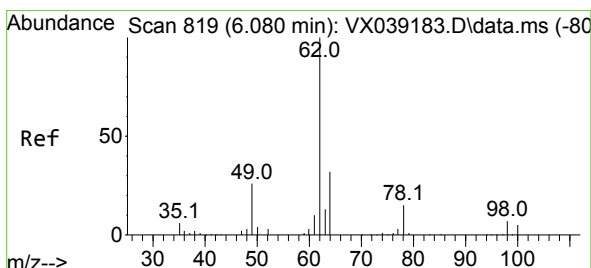
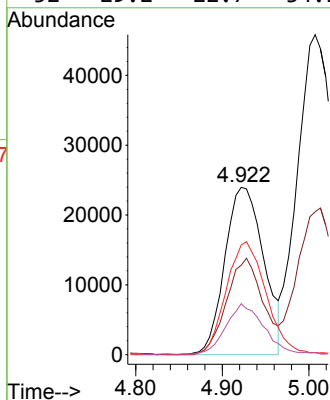
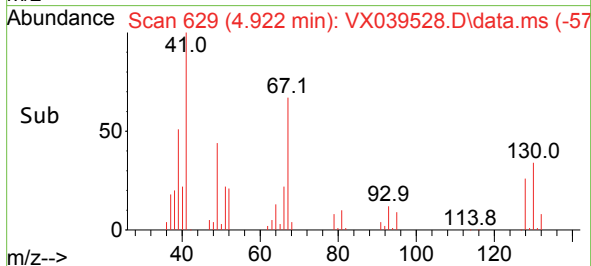


Tgt Ion: 41 Resp: 7495
Ion Ratio Lower Upper
41 100
39 54.2 45.2 67.8
67 69.6 52.6 78.8
52 29.2 22.7 34.1

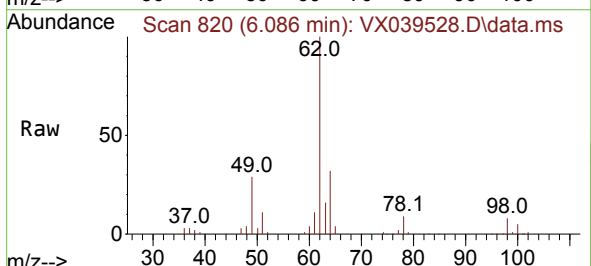
Manual Integrations

APPROVED

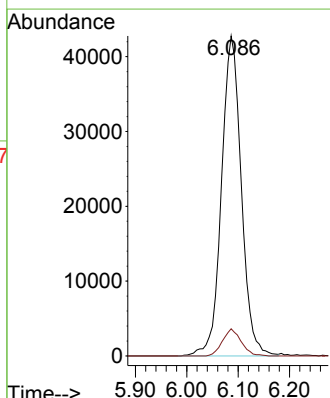
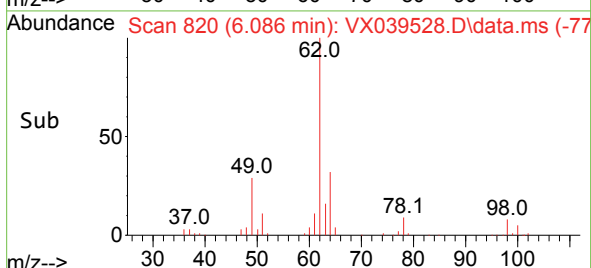
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

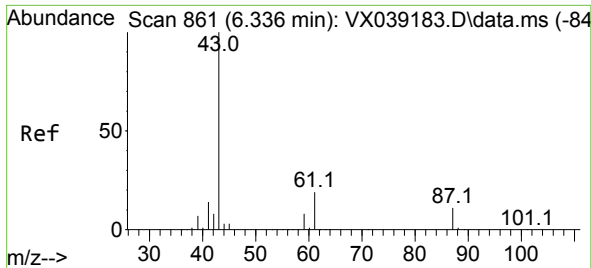


#42
1,2-Dichloroethane
Concen: 48.270 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



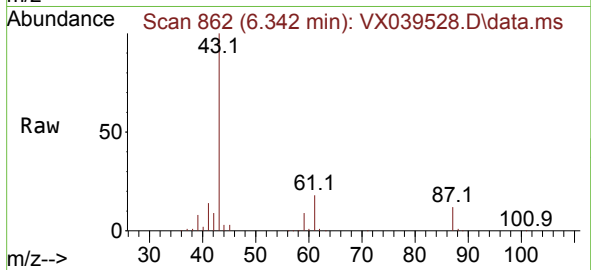
Tgt Ion: 62 Resp: 114661
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.553 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

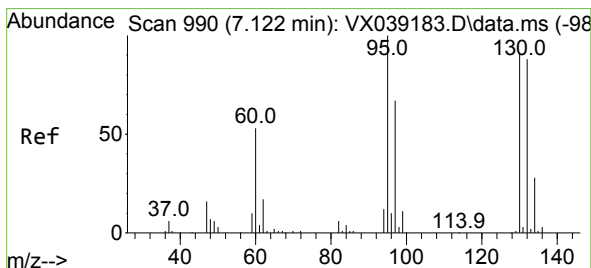
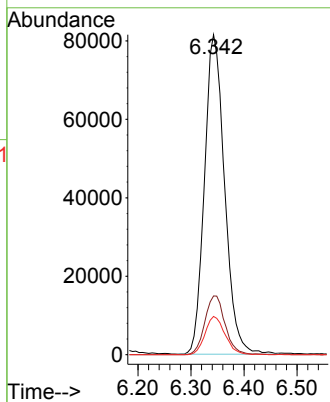
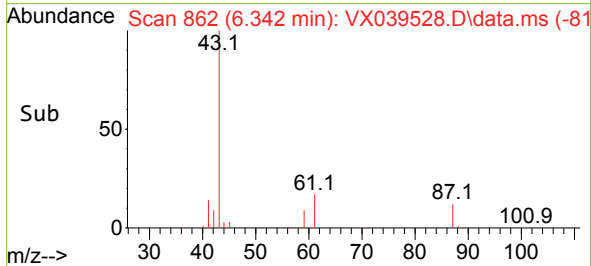
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21485
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 11.8 9.8 14.6

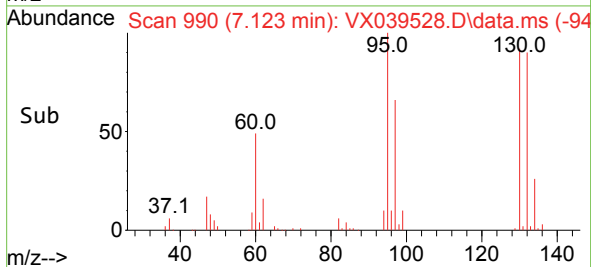
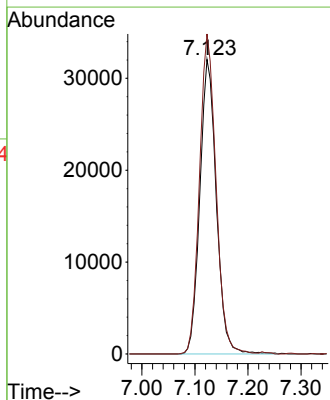
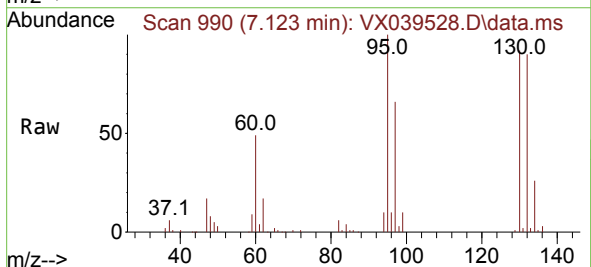
Manual Integrations
APPROVED

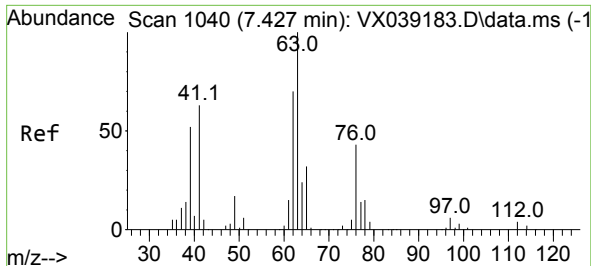
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#44
Trichloroethene
Concen: 46.771 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

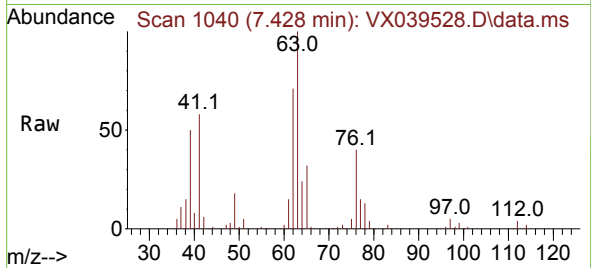
Tgt Ion:130 Resp: 69260
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.4





#45
1,2-Dichloropropane
Concen: 52.487 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

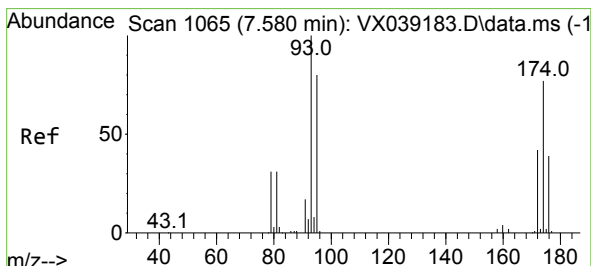
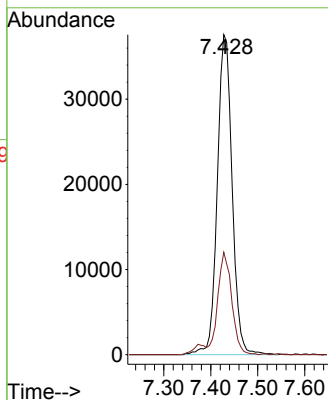
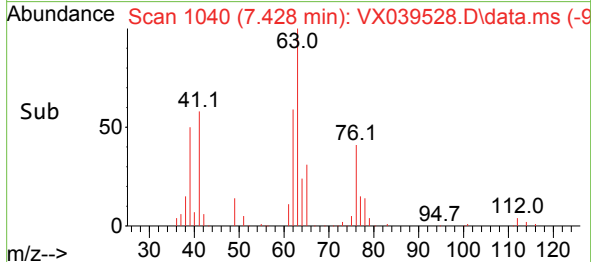
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 8266
Ion Ratio Lower Upper
63 100
65 32.0 24.3 36.5

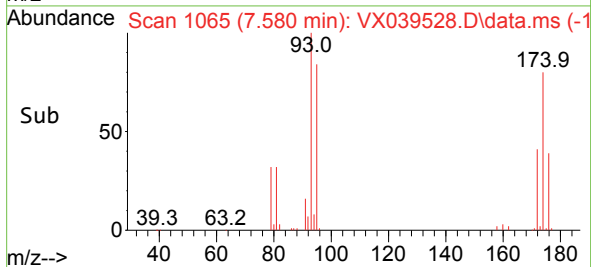
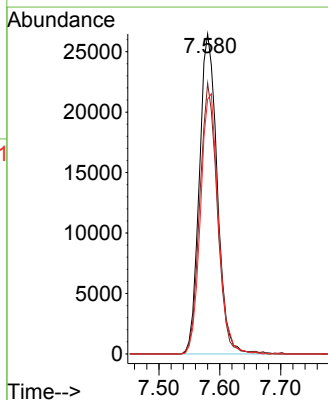
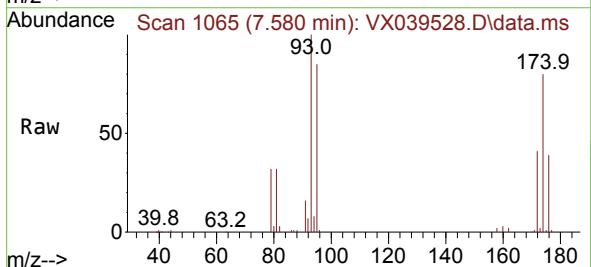
Manual Integrations
APPROVED

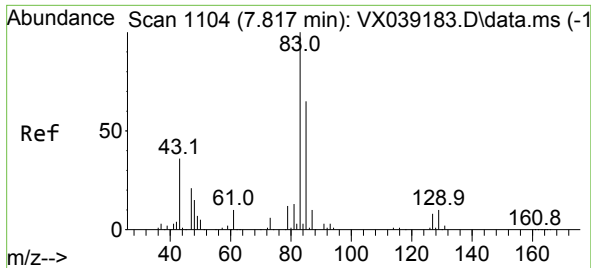
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#46
Dibromomethane
Concen: 48.724 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion: 93 Resp: 53942
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 81.1 69.4 104.0





#47
Bromodichloromethane
Concen: 47.498 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

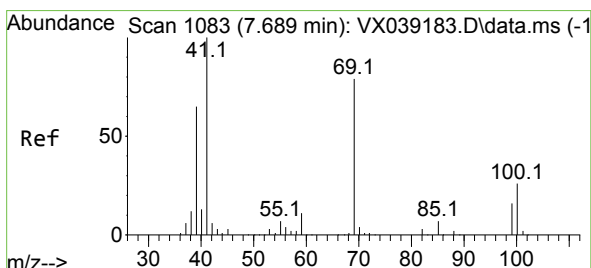
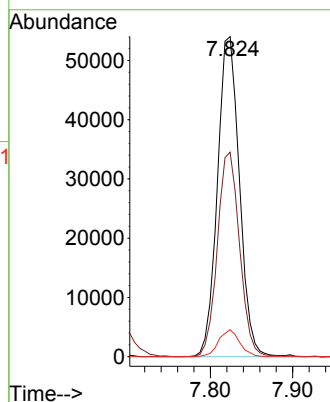
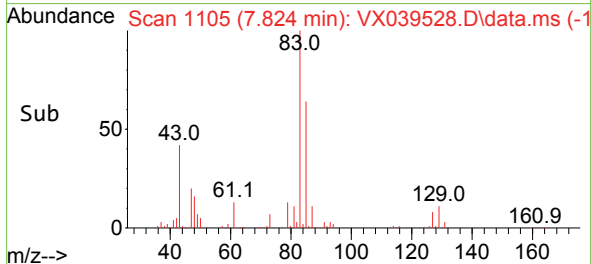
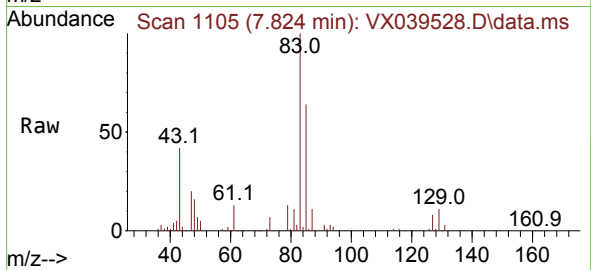
VSTDCCC050EC

Tgt Ion: 83 Resp: 10054
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations

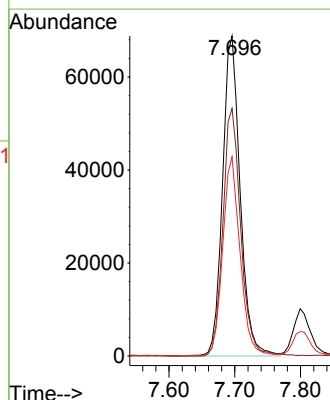
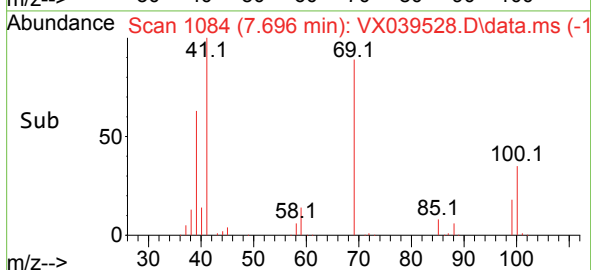
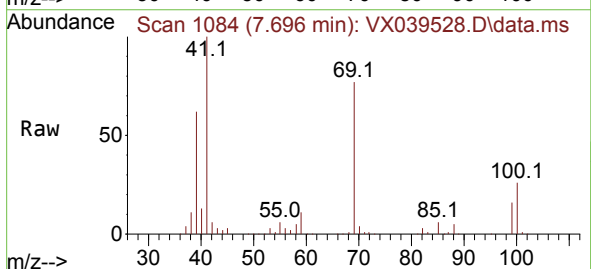
APPROVED

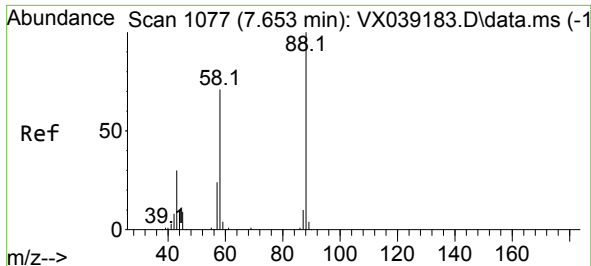
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#48
Methyl methacrylate
Concen: 52.778 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion: 41 Resp: 128594
Ion Ratio Lower Upper
41 100
69 78.2 59.2 88.8
39 61.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1323.775 ug/l

RT: 7.665 min Scan# 1077

Delta R.T. 0.013 min

Lab File: VX039528.D

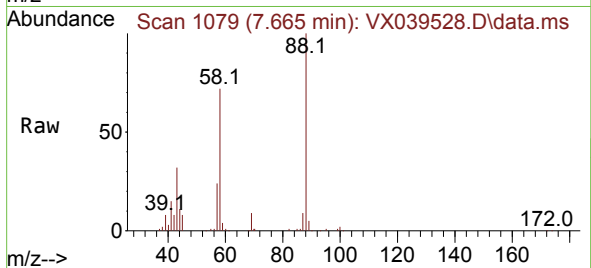
Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 4347

Ion Ratio Lower Upper

88 100

43 37.8 0.0 0.0

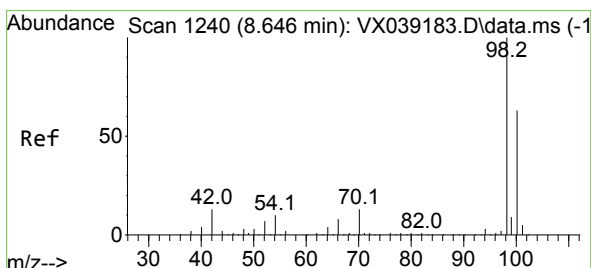
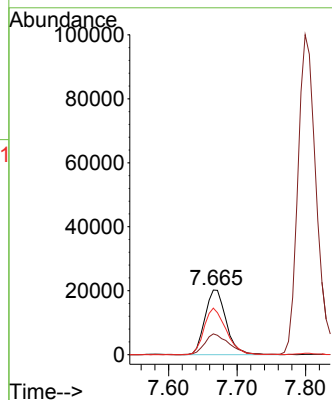
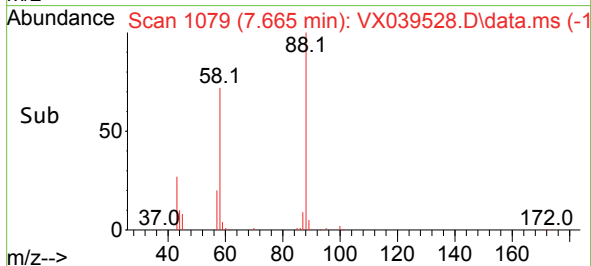
58 74.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#50

Toluene-d8

Concen: 49.682 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039528.D

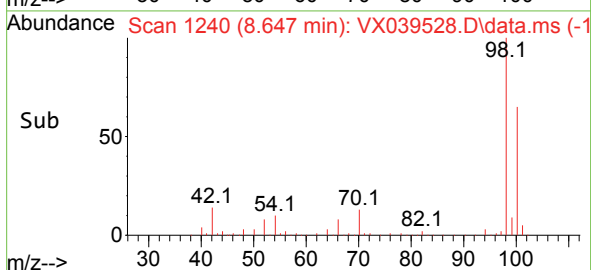
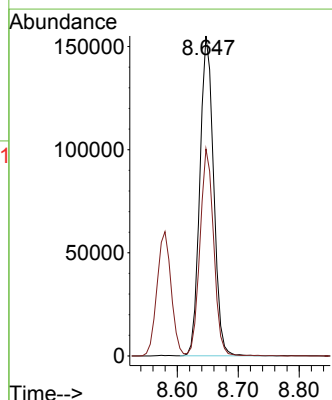
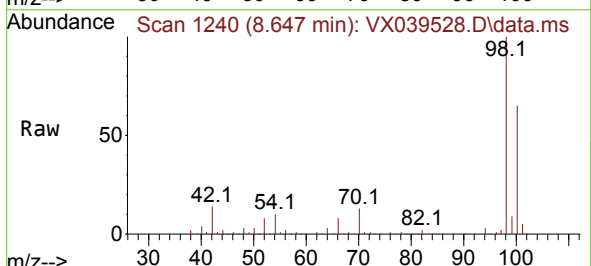
Acq: 28 Dec 2023 19:43

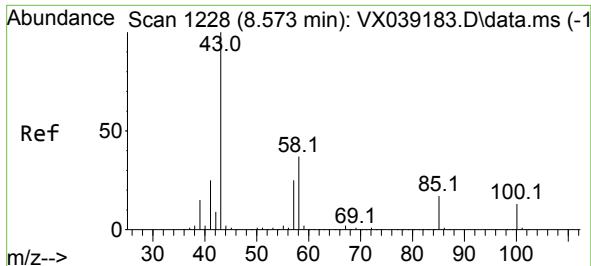
Tgt Ion: 98 Resp: 242474

Ion Ratio Lower Upper

98 100

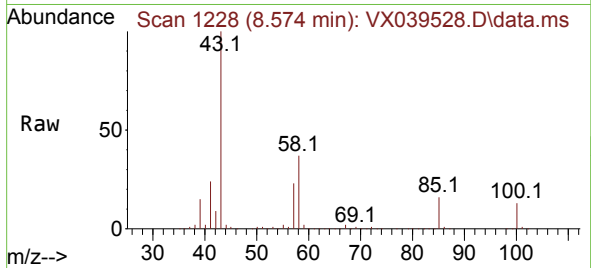
100 64.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 280.444 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

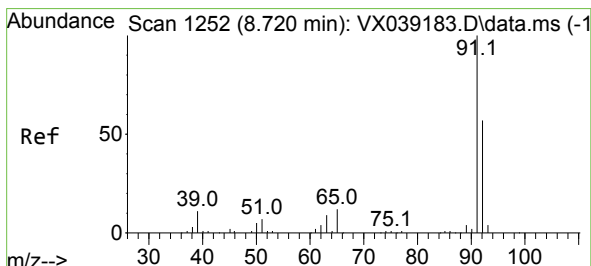
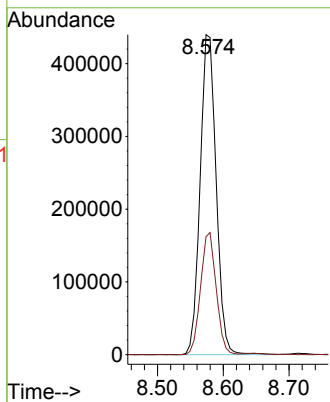
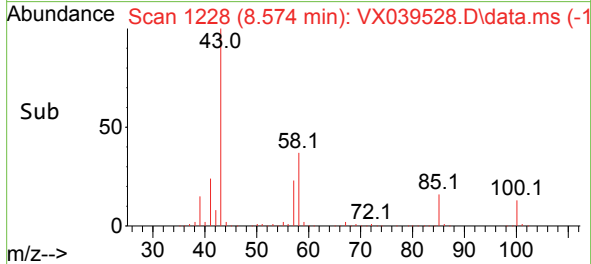
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 74470
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

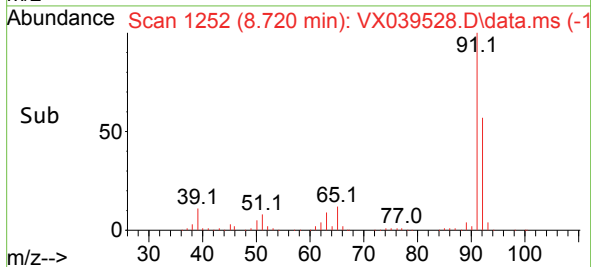
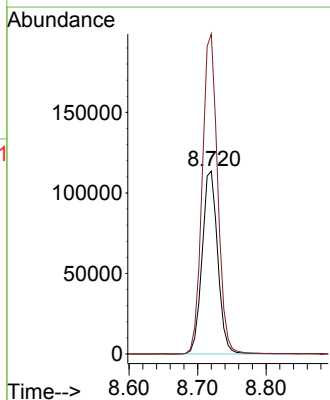
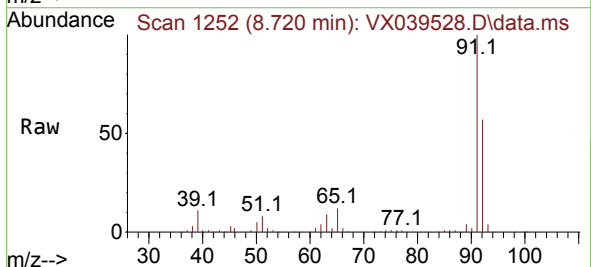
Manual Integrations
APPROVED

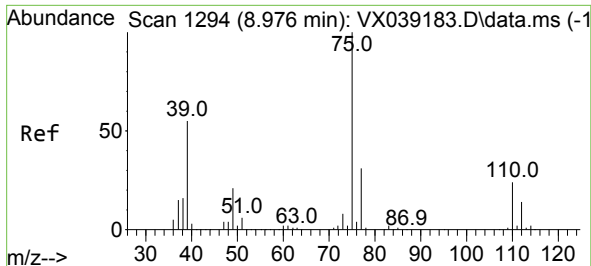
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#52
Toluene
Concen: 50.849 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion: 92 Resp: 180102
Ion Ratio Lower Upper
92 100
91 173.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 44.813 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 10443

Ion Ratio Lower Upper

75 100

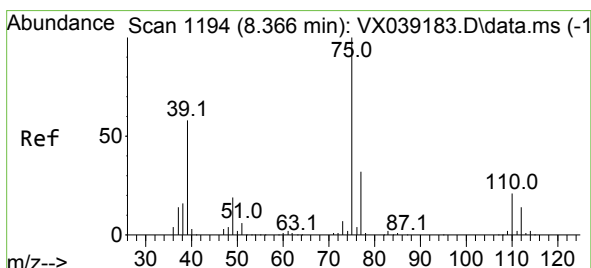
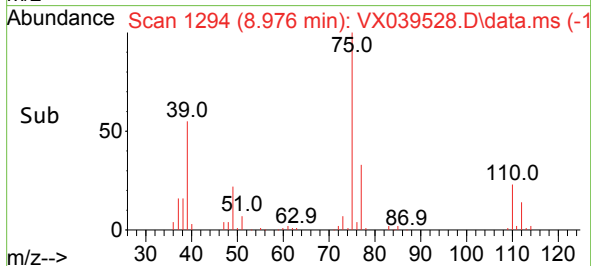
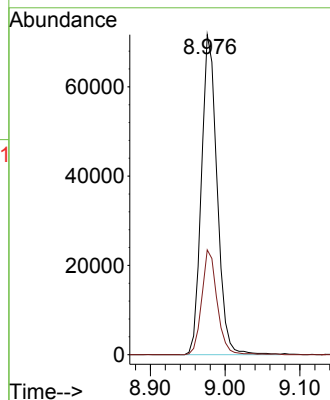
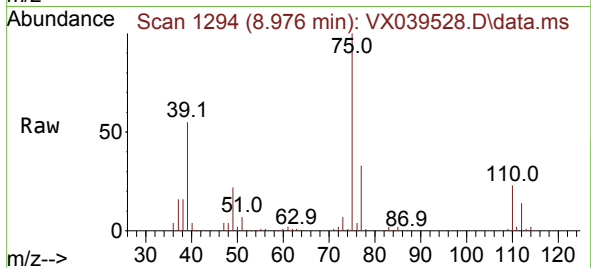
77 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#54

cis-1,3-Dichloropropene

Concen: 46.758 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

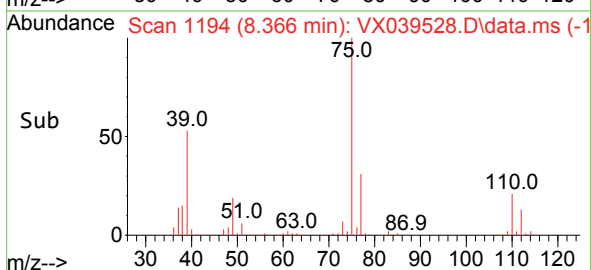
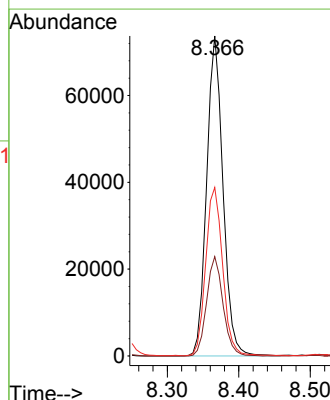
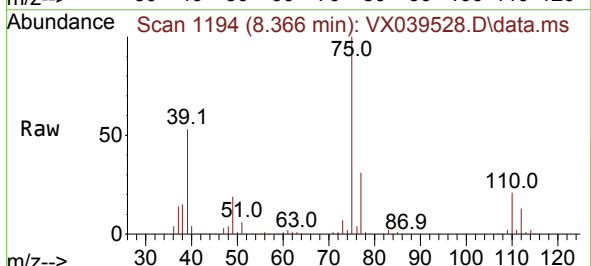
Tgt Ion: 75 Resp: 117250

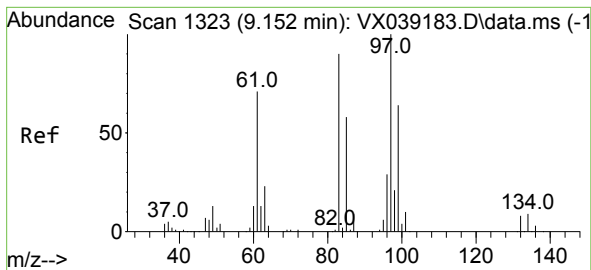
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

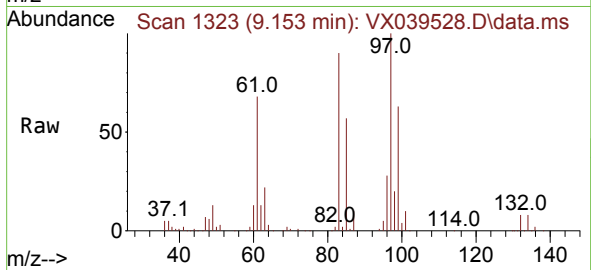
39 52.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.743 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

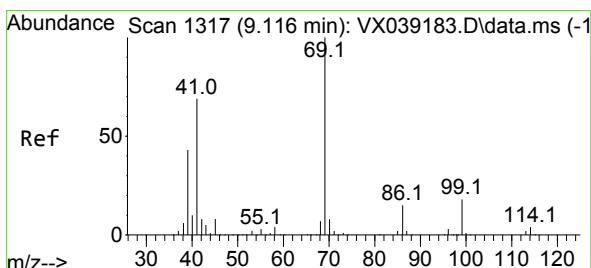
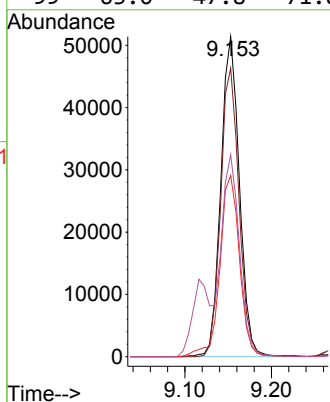
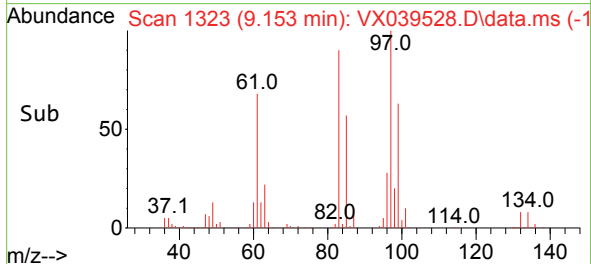
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



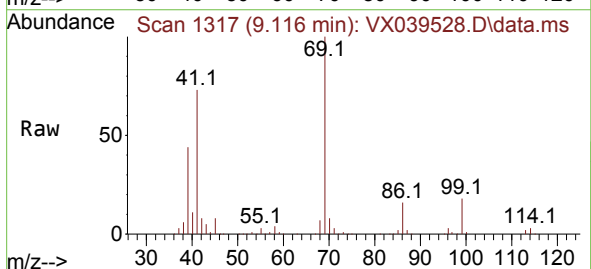
Tgt Ion: 97 Resp: 76510
Ion Ratio Lower Upper
97 100
83 90.2 65.8 98.8
85 56.7 41.6 62.4
99 63.0 47.8 71.8

Manual Integrations
APPROVED

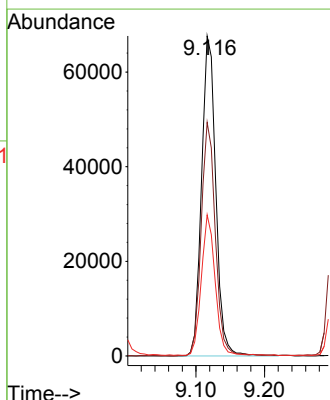
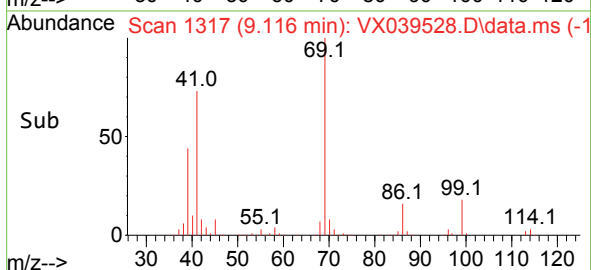
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

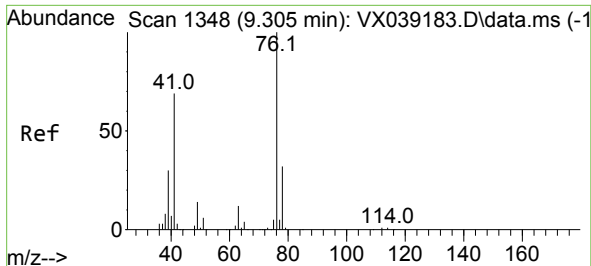


#56
Ethyl methacrylate
Concen: 54.172 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



Tgt Ion: 69 Resp: 97786
Ion Ratio Lower Upper
69 100
41 72.9 56.8 85.2
39 42.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.839 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12995

Ion Ratio Lower Upper

76 100

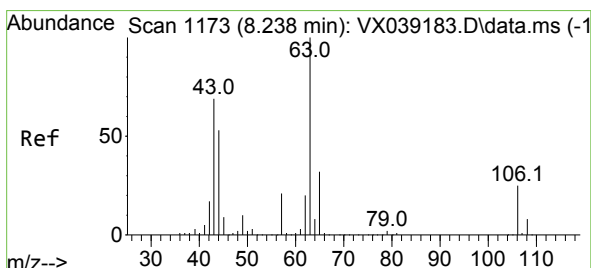
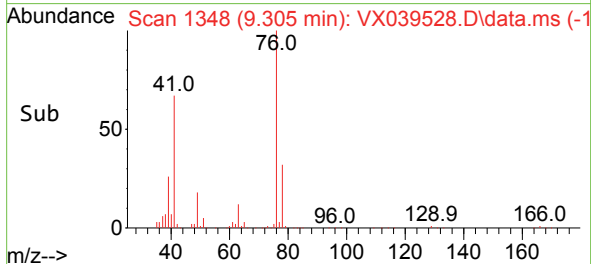
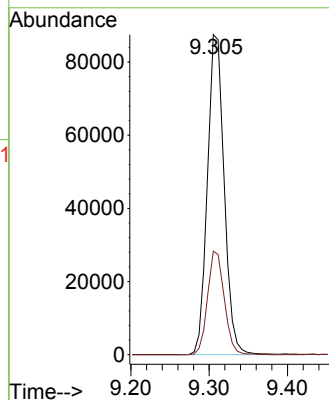
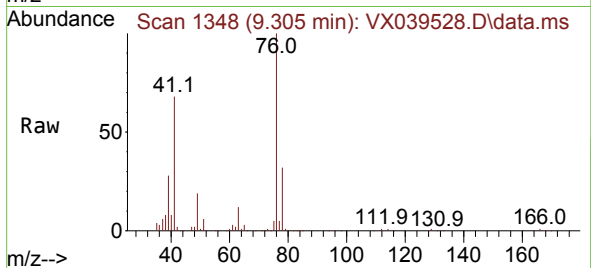
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 288.533 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039528.D

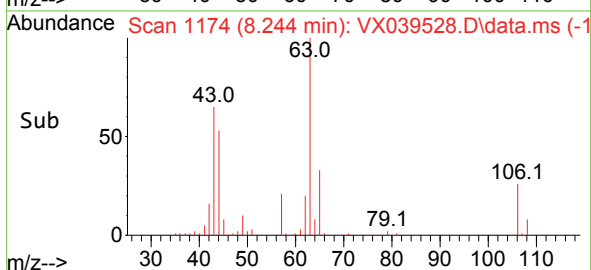
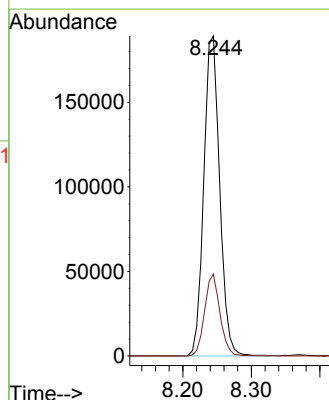
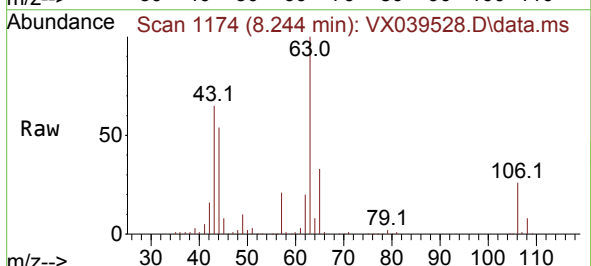
Acq: 28 Dec 2023 19:43

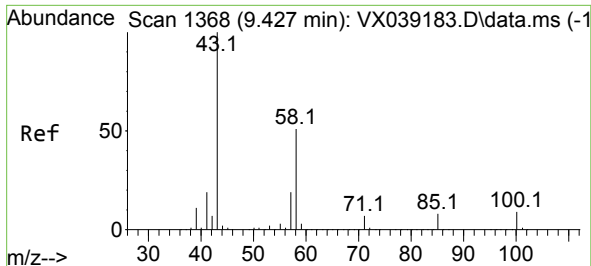
Tgt Ion: 63 Resp: 305826

Ion Ratio Lower Upper

63 100

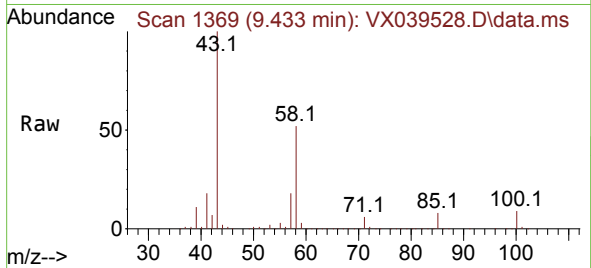
106 24.6 22.5 33.7





#59
2-Hexanone
Concen: 260.207 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

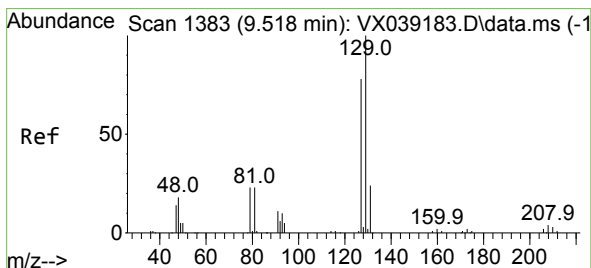
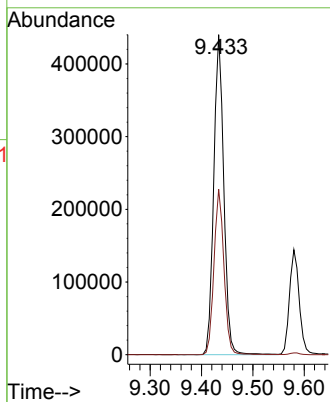
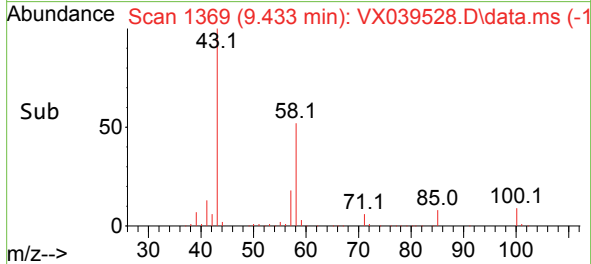
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 59633
Ion Ratio Lower Upper
43 100
58 51.4 26.2 78.5

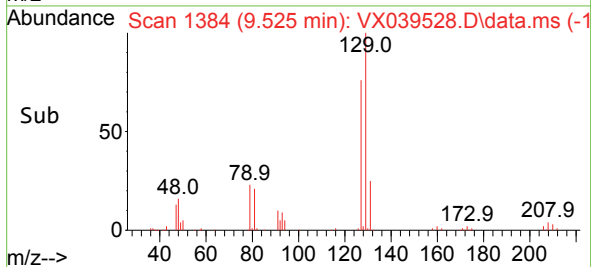
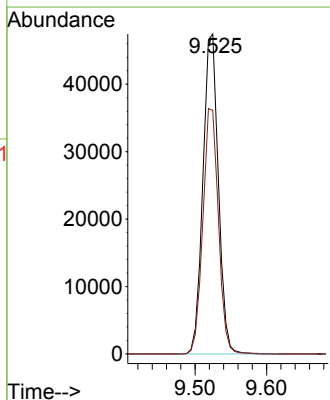
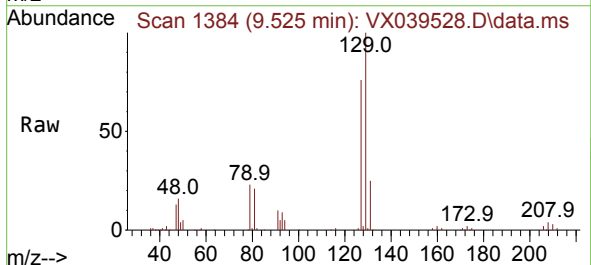
Manual Integrations
APPROVED

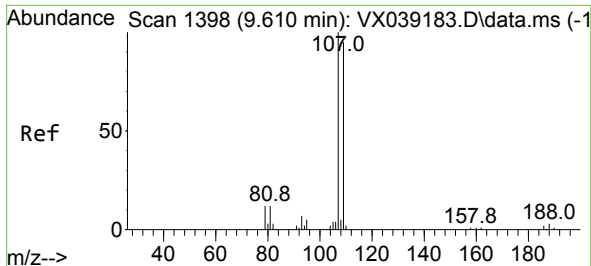
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#60
Dibromochloromethane
Concen: 47.640 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

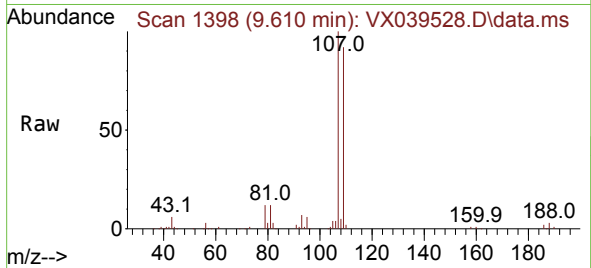
Tgt Ion:129 Resp: 71242
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.973 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

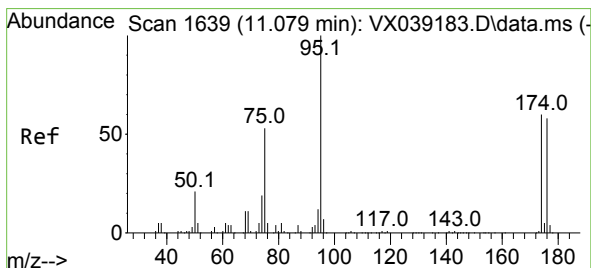
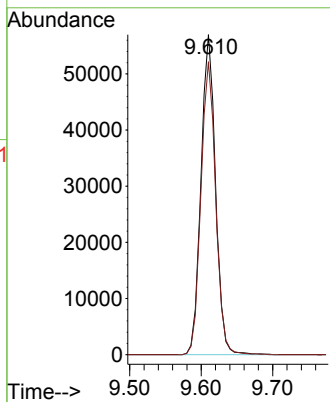
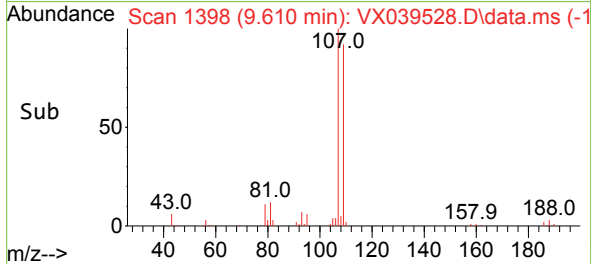
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 80462
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8

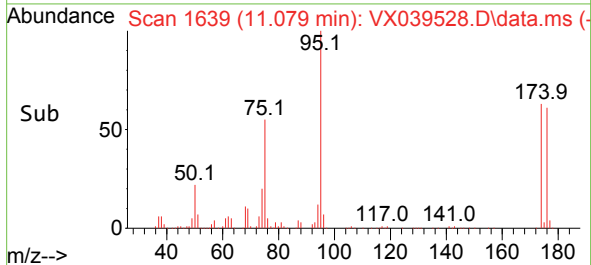
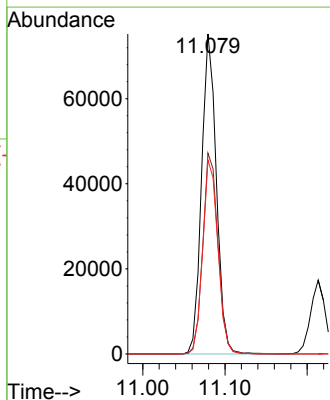
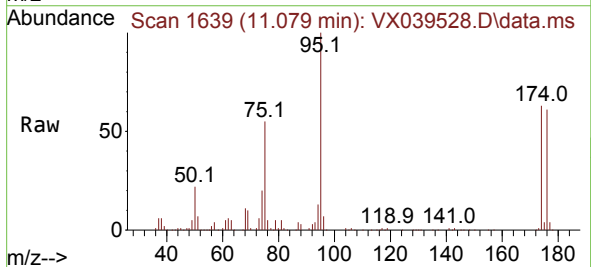
Manual Integrations
APPROVED

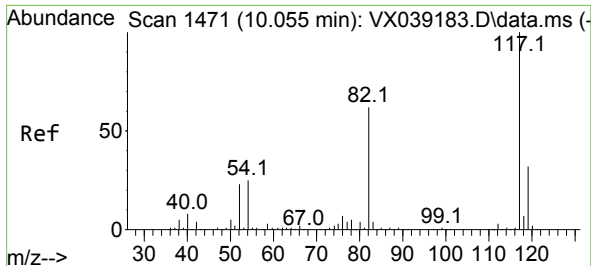
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#62
4-Bromofluorobenzene
Concen: 46.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

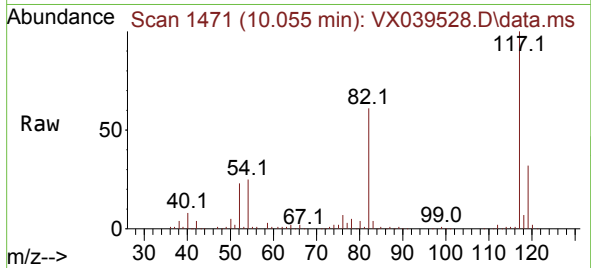
Tgt Ion: 95 Resp: 93793
Ion Ratio Lower Upper
95 100
174 64.5 0.0 135.6
176 62.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

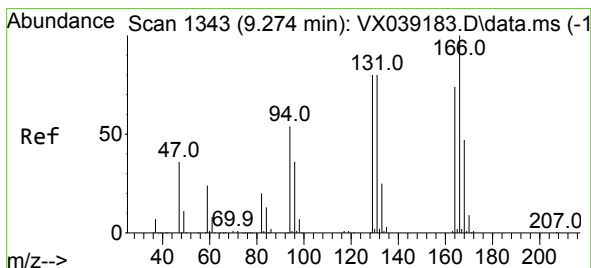
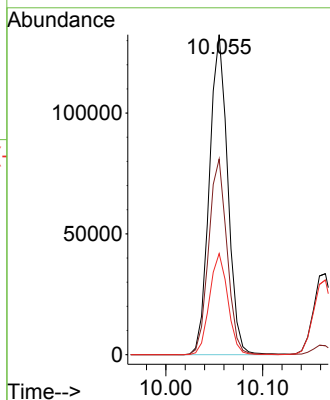
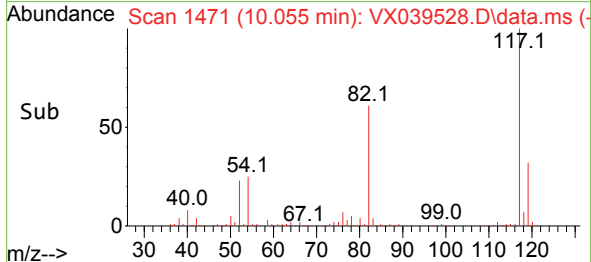
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 17418
Ion Ratio Lower Upper
117 100
82 61.1 46.2 69.4
119 31.6 25.5 38.3

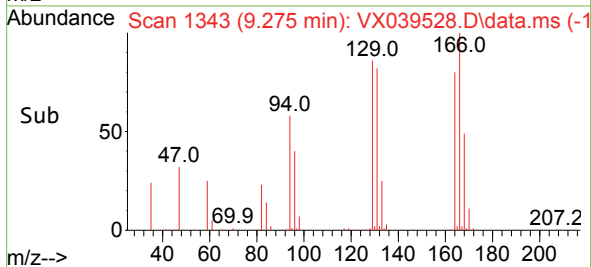
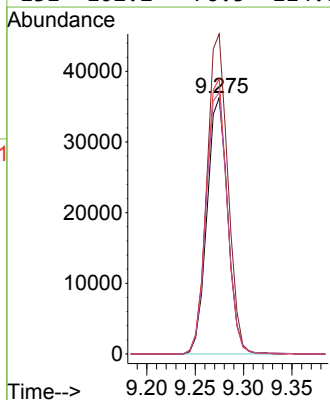
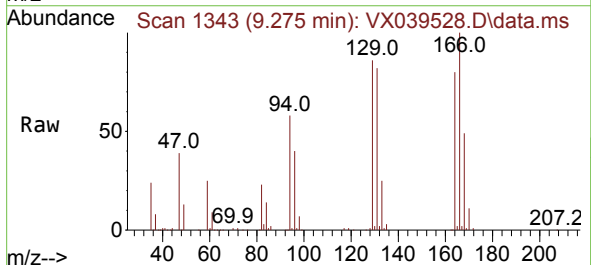
Manual Integrations
APPROVED

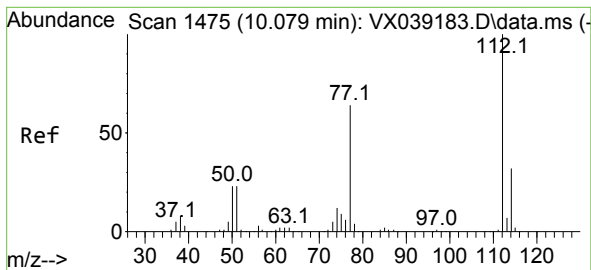
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#64
Tetrachloroethene
Concen: 47.410 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

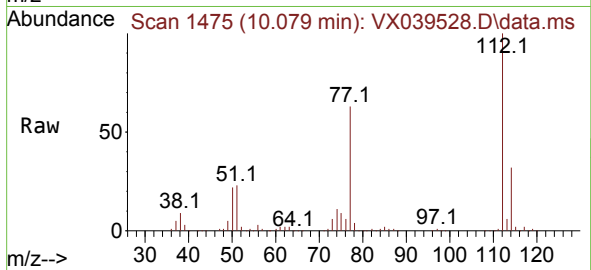
Tgt Ion:164 Resp: 53963
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 107.5 80.4 120.6
131 102.2 76.5 114.7





#65
Chlorobenzene
Concen: 48.569 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

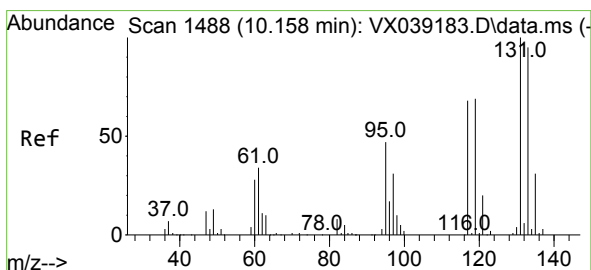
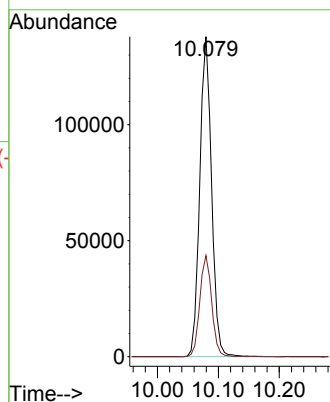
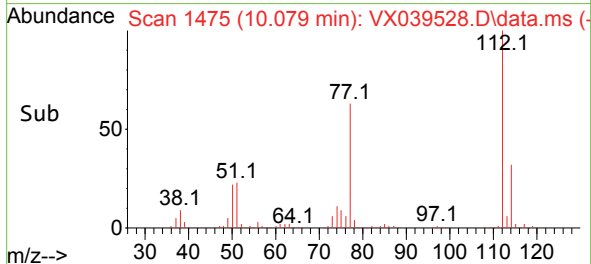
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



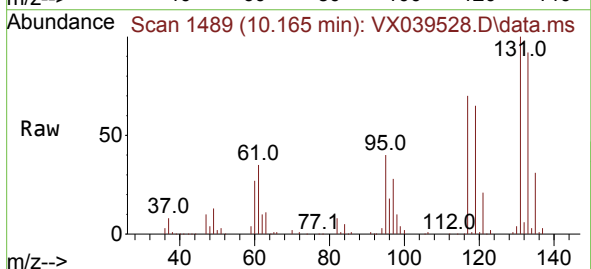
Tgt Ion:112 Resp: 184654
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

Manual Integrations
APPROVED

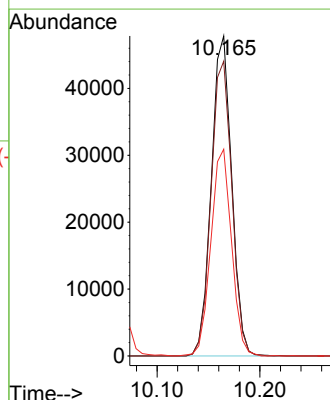
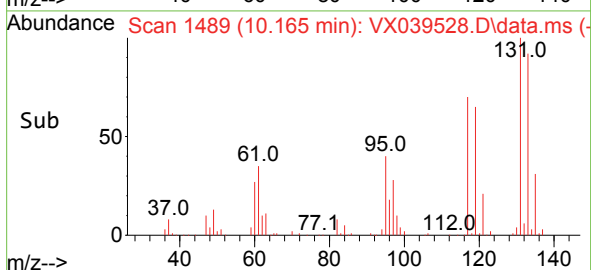
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

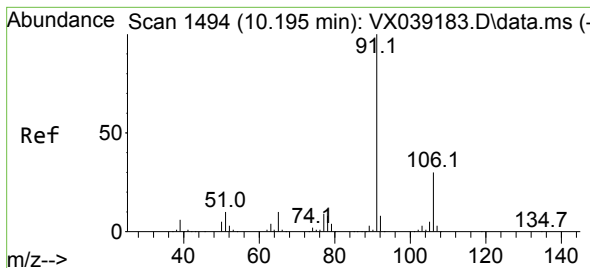


#66
1,1,1,2-Tetrachloroethane
Concen: 48.943 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



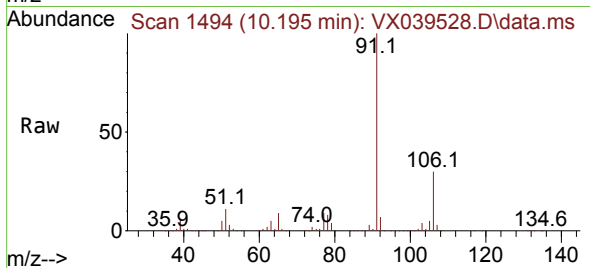
Tgt Ion:131 Resp: 65727
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 49.822 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

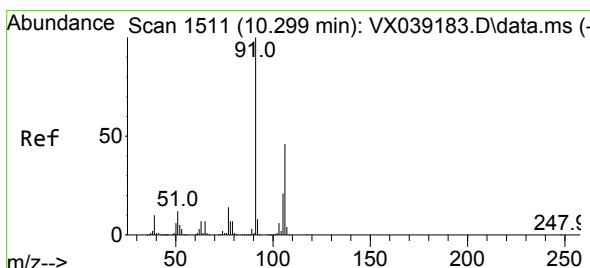
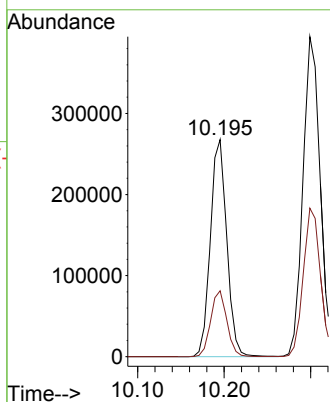
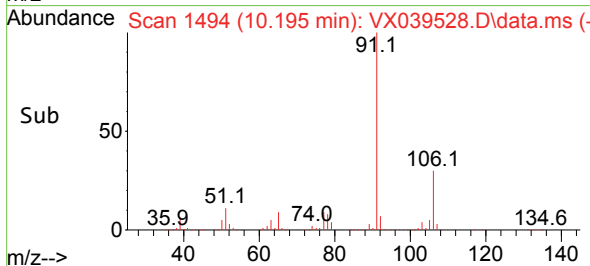
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



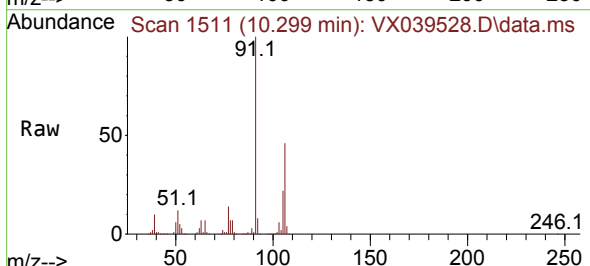
Tgt Ion: 91 Resp: 352586
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

Manual Integrations
APPROVED

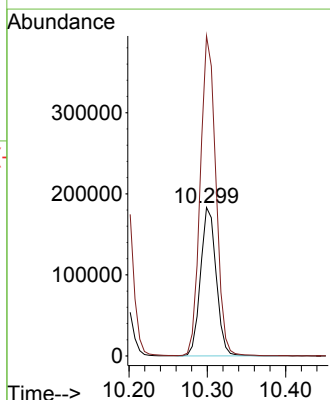
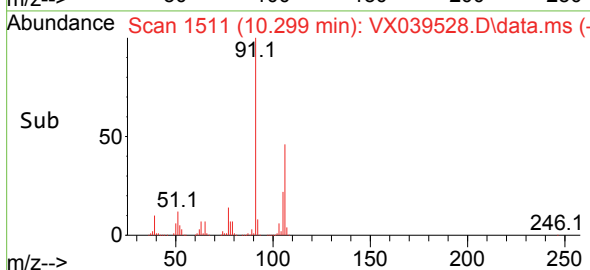
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

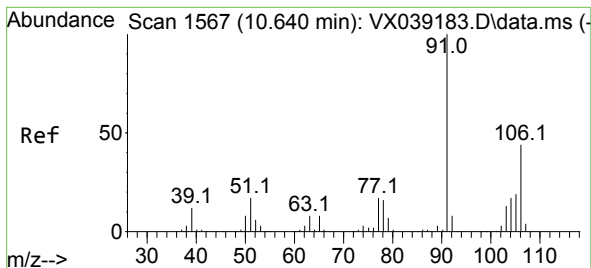


#68
m/p-Xylenes
Concen: 99.951 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



Tgt Ion:106 Resp: 253617
Ion Ratio Lower Upper
106 100
91 215.5 165.5 248.3





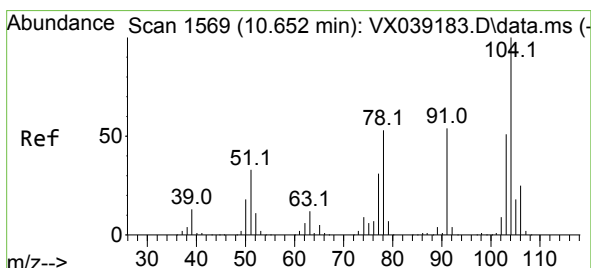
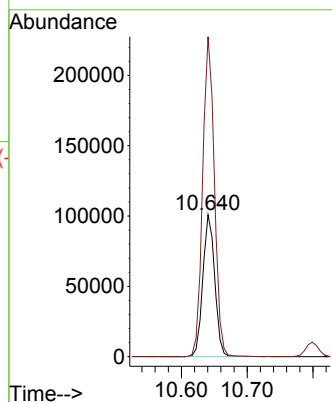
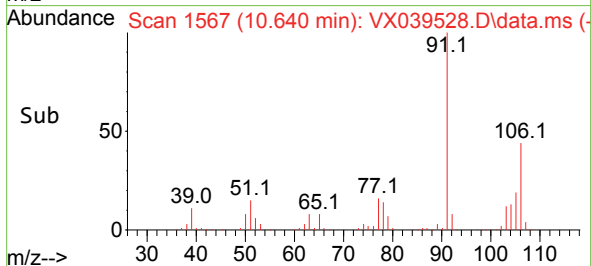
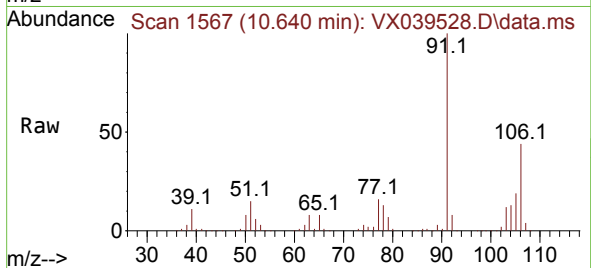
#69
o-Xylene
Concen: 51.706 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 126852
Ion Ratio Lower Upper
106 100
91 223.0 108.9 326.8

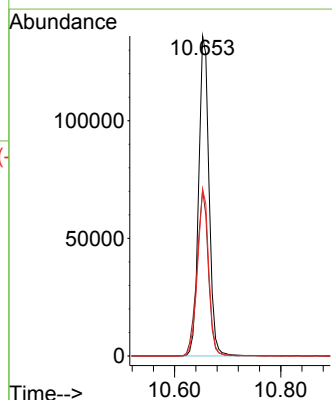
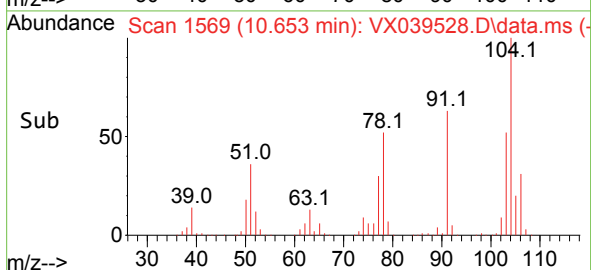
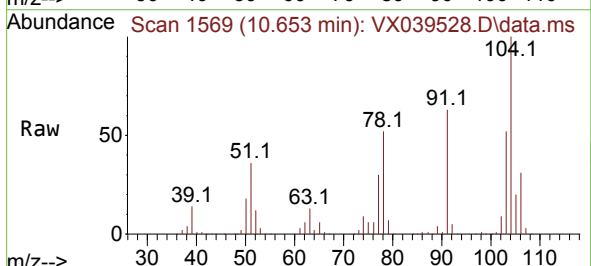
Manual Integrations
APPROVED

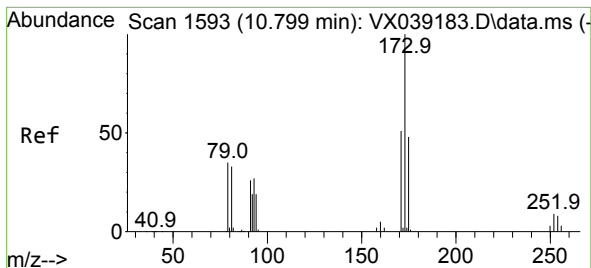
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#70
Styrene
Concen: 51.410 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion:104 Resp: 184388
Ion Ratio Lower Upper
104 100
78 56.9 43.6 65.4
103 56.3 43.6 65.4





#71

Bromoform

Concen: 47.090 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

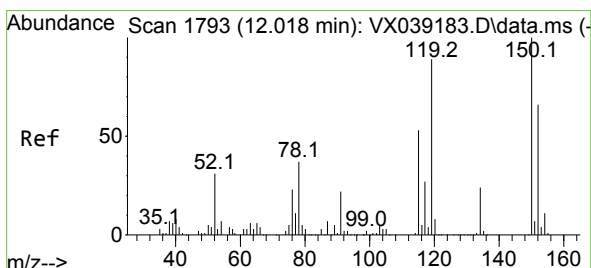
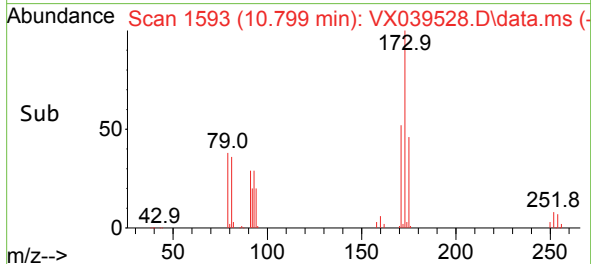
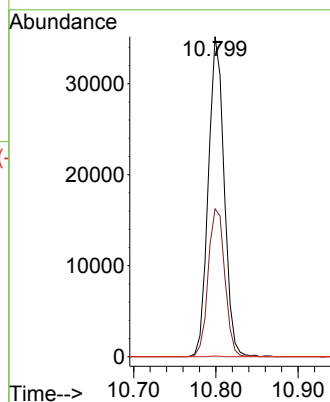
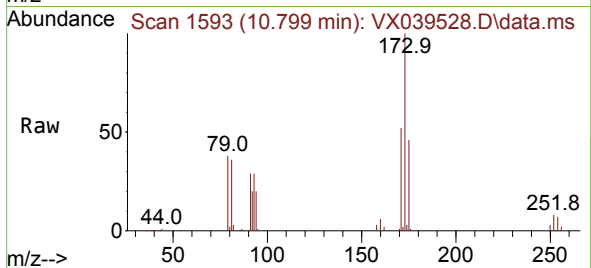
Tgt Ion:173 Resp: 47000
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.1 72.4
 254 0.1 0.0 0.0

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

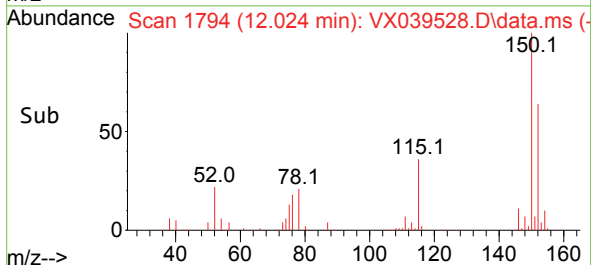
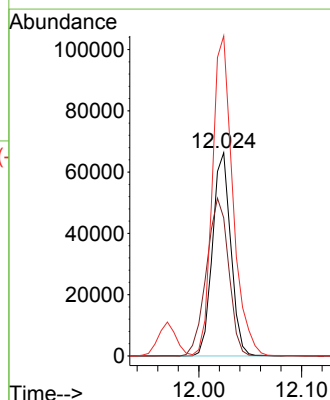
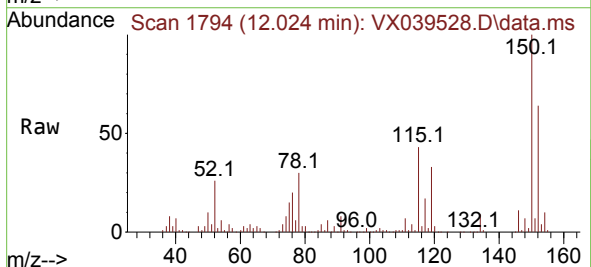
RT: 12.024 min Scan# 1794

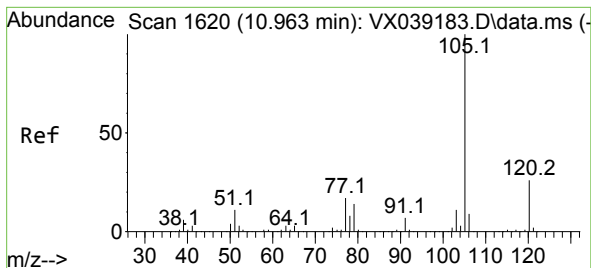
Delta R.T. 0.006 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Tgt Ion:152 Resp: 81898
 Ion Ratio Lower Upper
 152 100
 115 94.4 43.3 129.9
 150 176.7 0.0 345.0





#73

Isopropylbenzene

Concen: 53.297 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 336768

Ion Ratio Lower Upper

105 100

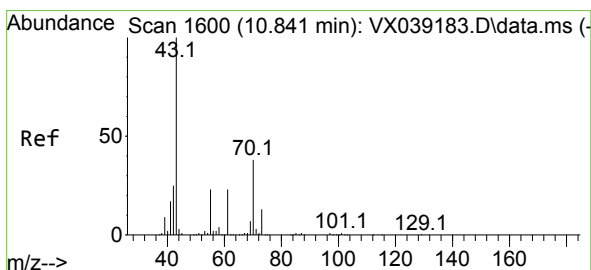
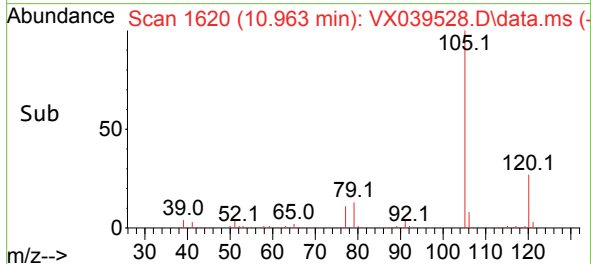
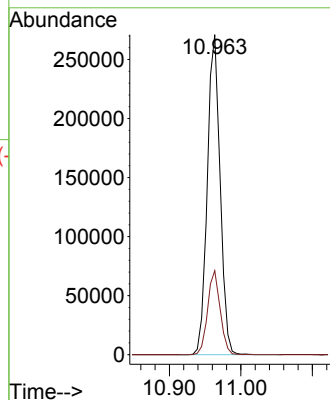
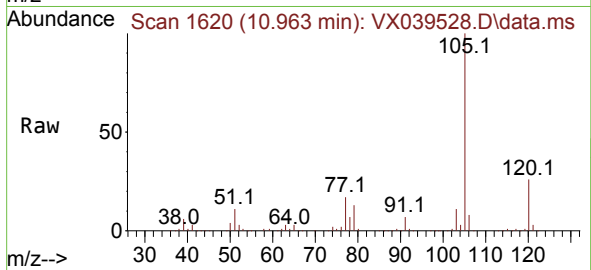
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#74

N-ethyl acetate

Concen: 58.635 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Tgt Ion: 43 Resp: 187457

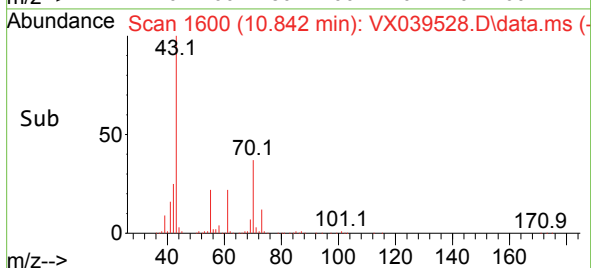
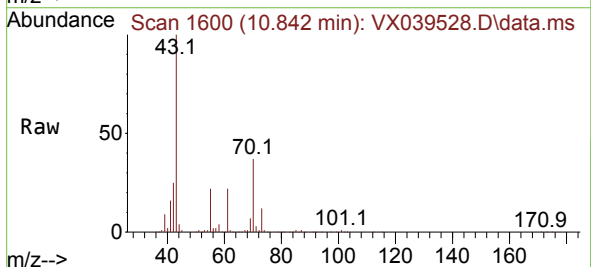
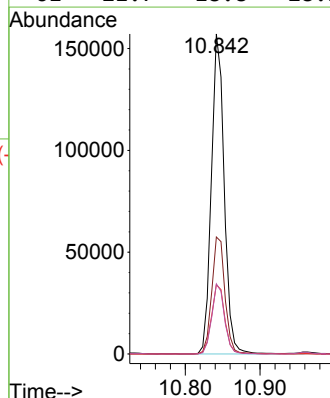
Ion Ratio Lower Upper

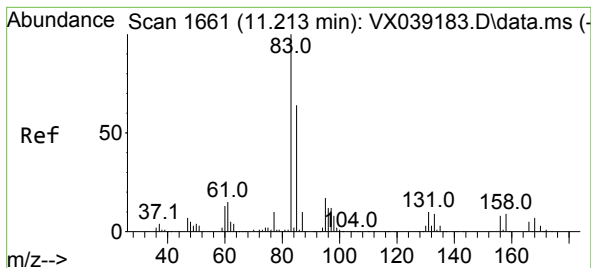
43 100

70 37.6 32.9 49.3

55 22.7 19.3 28.9

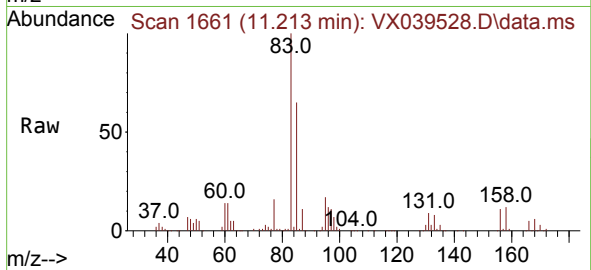
61 21.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 57.927 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

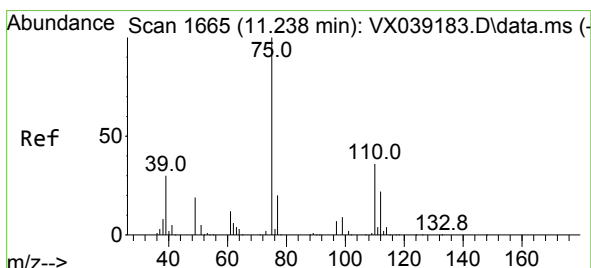
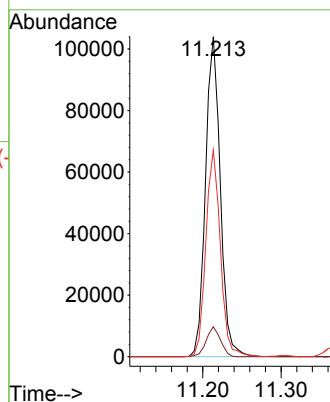
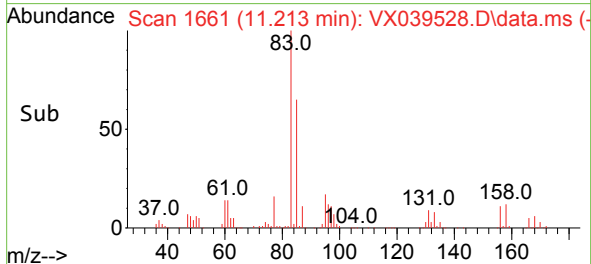
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



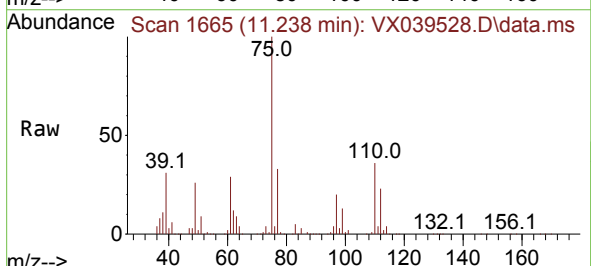
Tgt Ion: 83 Resp: 136164
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 63.5 32.0 96.2

Manual Integrations
APPROVED

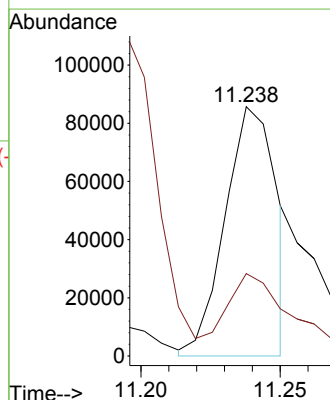
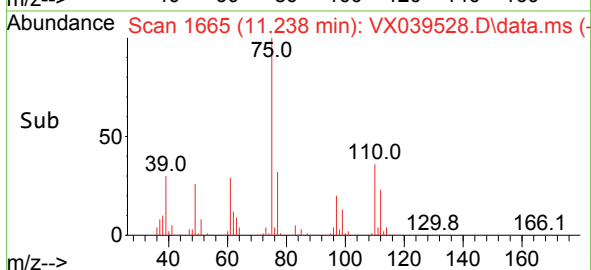
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

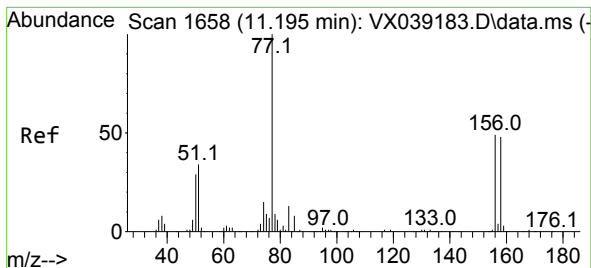


#76
1,2,3-Trichloropropane
Concen: 52.150 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



Tgt Ion: 75 Resp: 110498
Ion Ratio Lower Upper
75 100
77 42.6 19.1 57.5





#77

Bromobenzene

Concen: 52.459 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

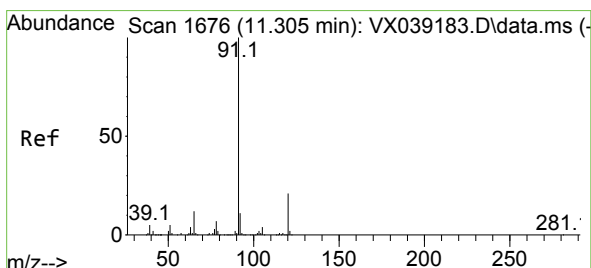
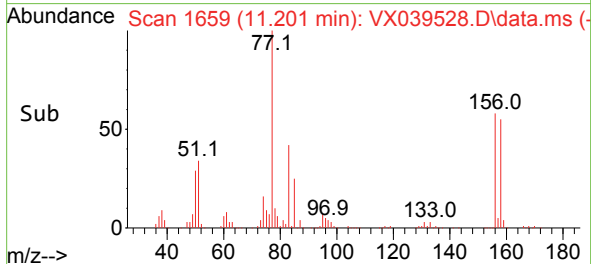
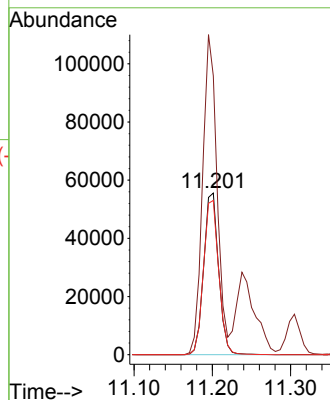
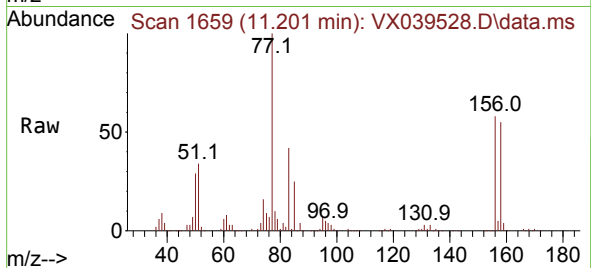
Tgt Ion:	156	Resp:	7330
Ion Ratio	Lower	Upper	
156	100		
77	191.2	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#78

n-propylbenzene

Concen: 51.037 ug/l

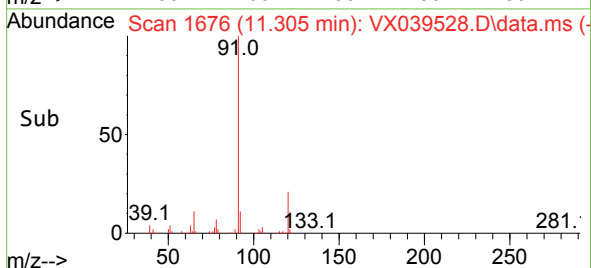
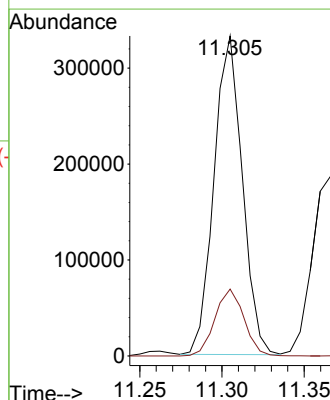
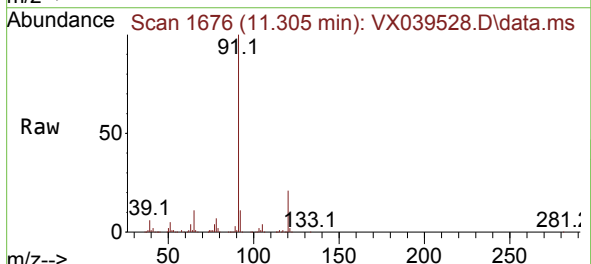
RT: 11.305 min Scan# 1676

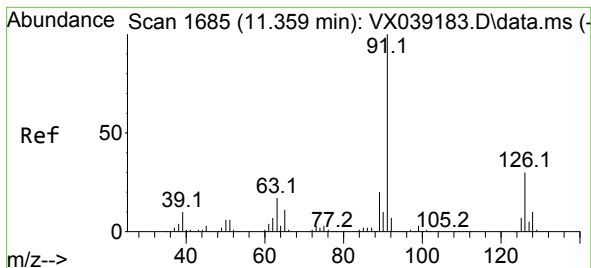
Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Tgt Ion:	91	Resp:	397339
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.5	34.4





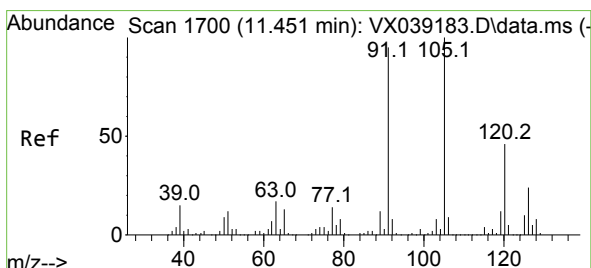
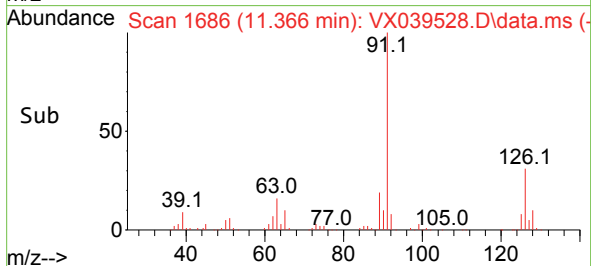
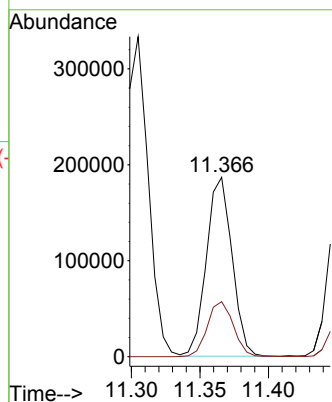
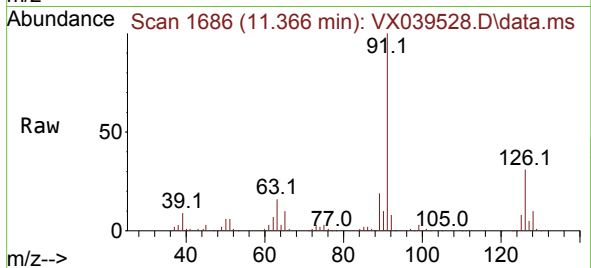
#79
2-Chlorotoluene
Concen: 51.411 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 24210
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

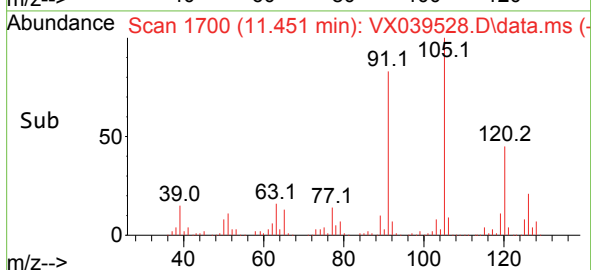
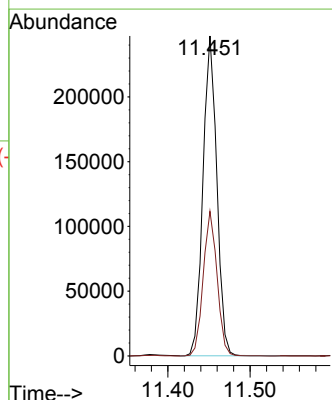
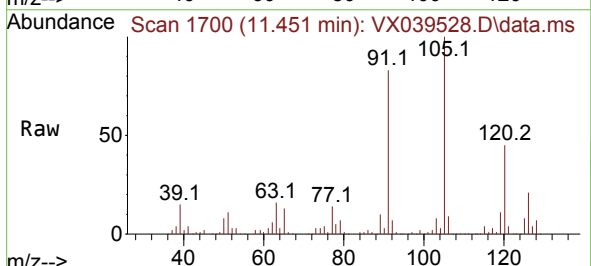
Manual Integrations
APPROVED

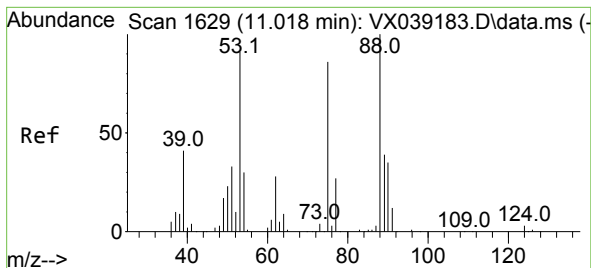
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.526 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Tgt Ion:105 Resp: 288127
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





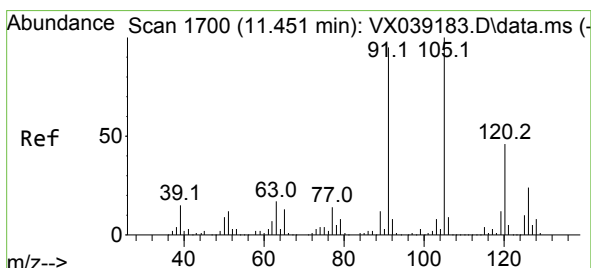
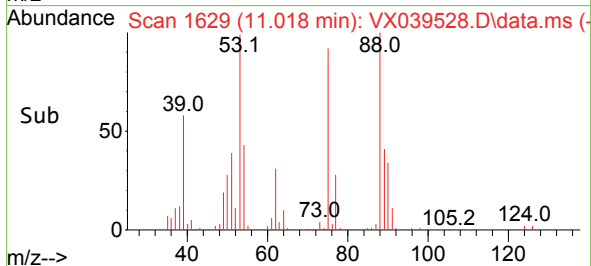
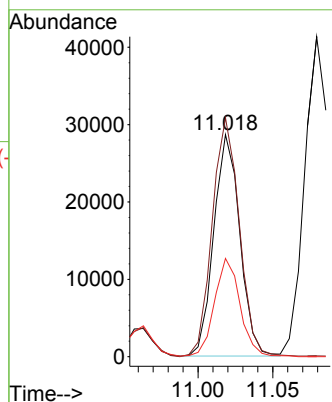
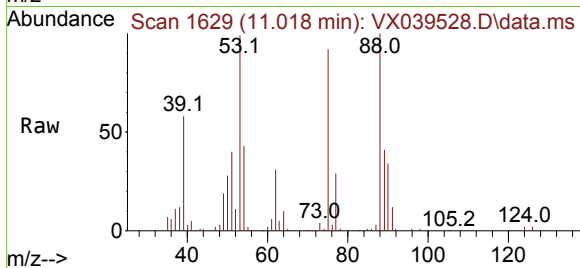
#81
trans-1,4-Dichloro-2-butene
Concen: 46.110 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3463
Ion Ratio Lower Upper
75 100
53 112.5 90.5 135.7
89 43.7 36.9 55.3

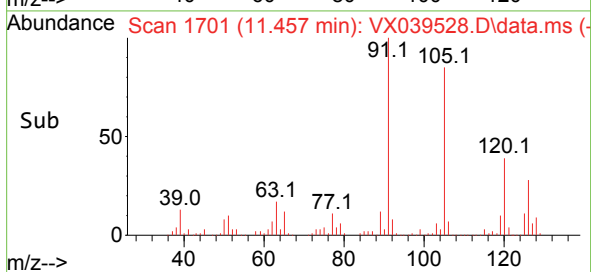
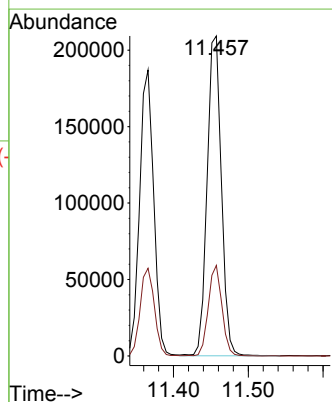
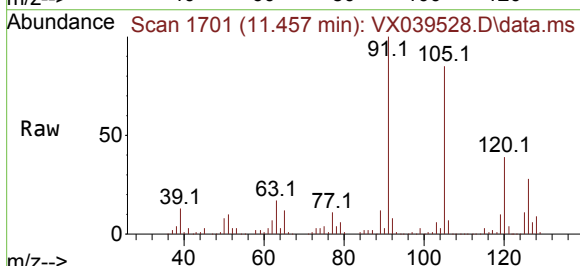
Manual Integrations
APPROVED

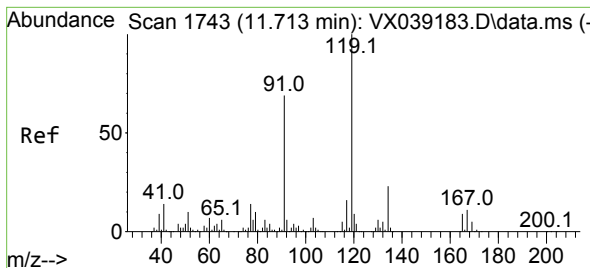
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#82
4-Chlorotoluene
Concen: 50.008 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

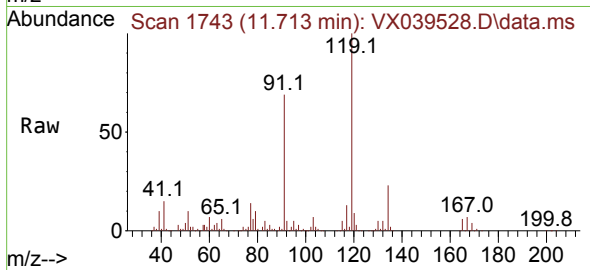
Tgt Ion: 91 Resp: 276597
Ion Ratio Lower Upper
91 100
126 27.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.781 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

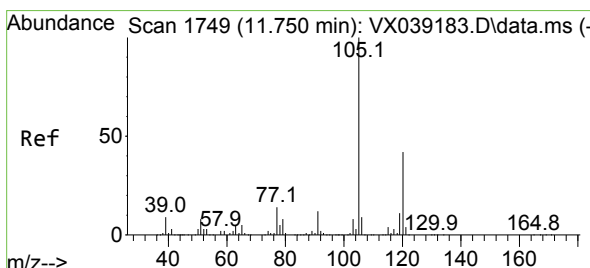
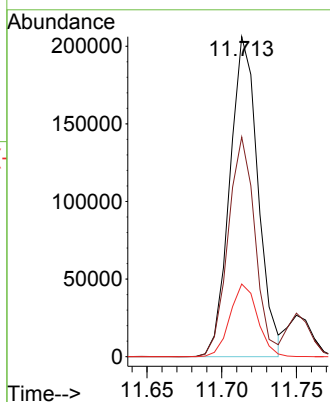
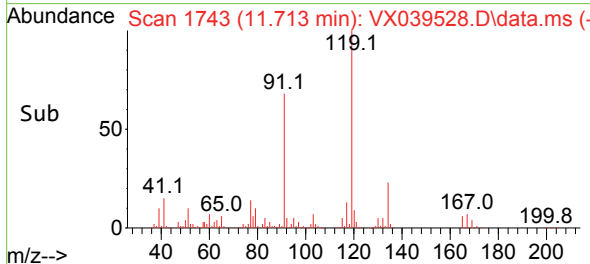
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



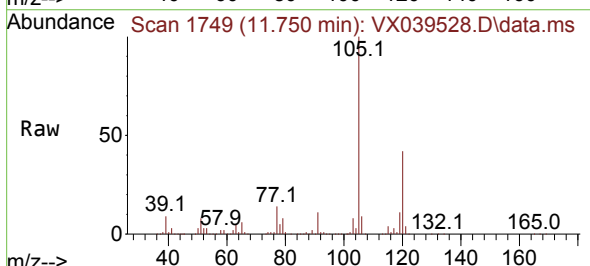
Tgt Ion:119 Resp: 270392
Ion Ratio Lower Upper
119 100
91 65.7 31.2 93.6
134 22.2 11.7 35.0

Manual Integrations
APPROVED

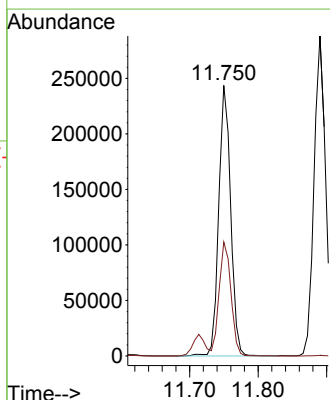
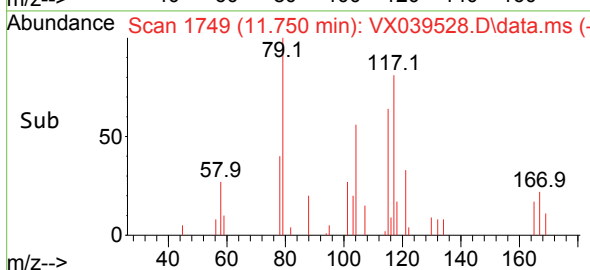
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

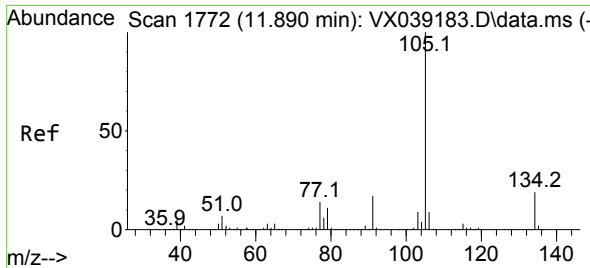


#84
1,2,4-Trimethylbenzene
Concen: 52.946 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



Tgt Ion:105 Resp: 292272
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6





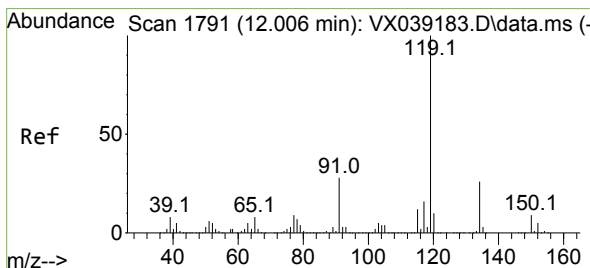
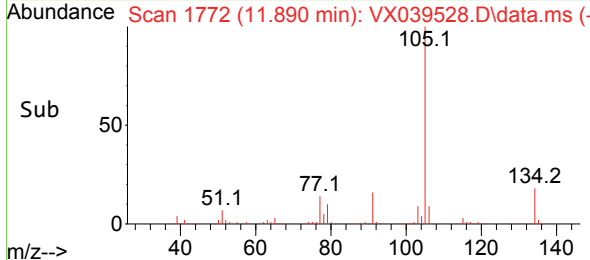
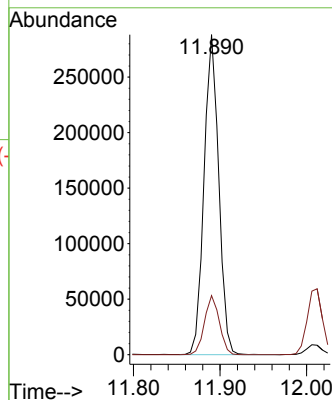
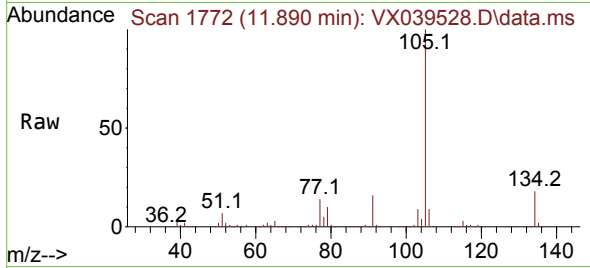
#85
 sec-Butylbenzene
 Concen: 52.021 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039528.D
 Acq: 28 Dec 2023 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 33912
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

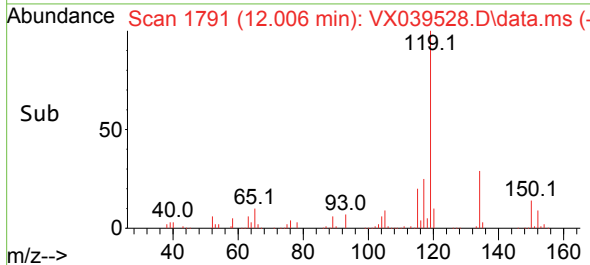
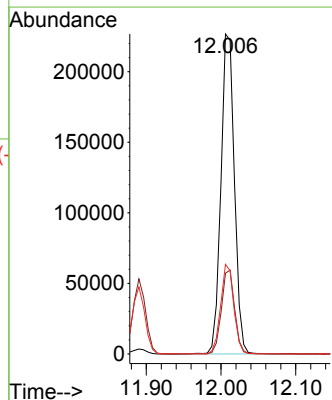
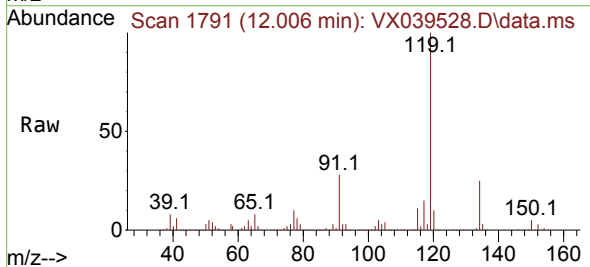
Manual Integrations
 APPROVED

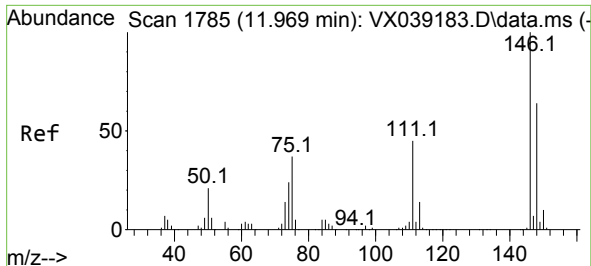
Reviewed By :John Carlone 12/29/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#86
 p-Isopropyltoluene
 Concen: 51.924 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039528.D
 Acq: 28 Dec 2023 19:43

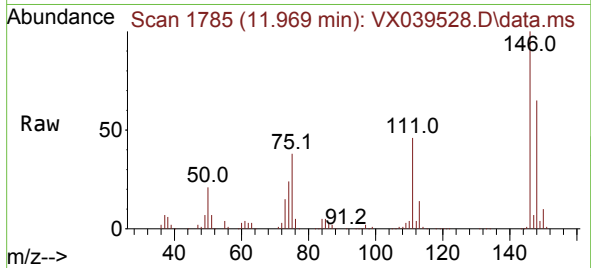
Tgt Ion:119 Resp: 284068
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 27.3 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 49.441 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

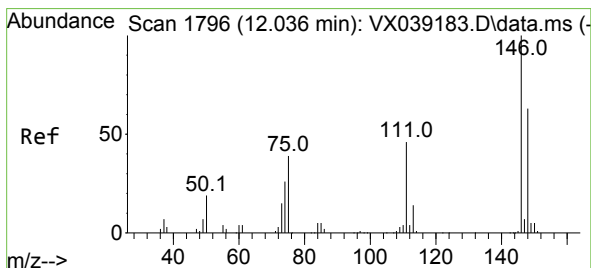
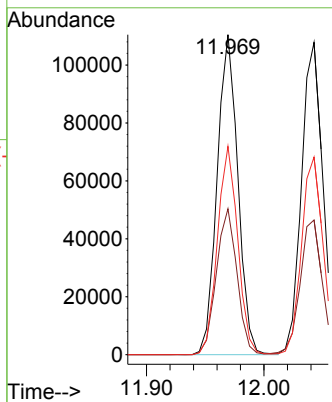
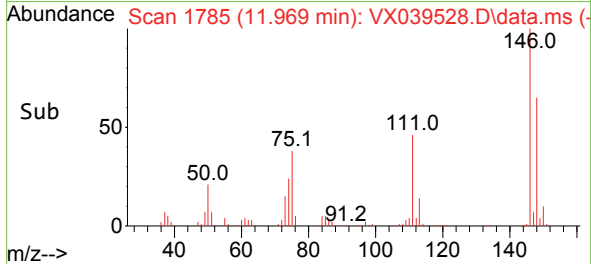
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



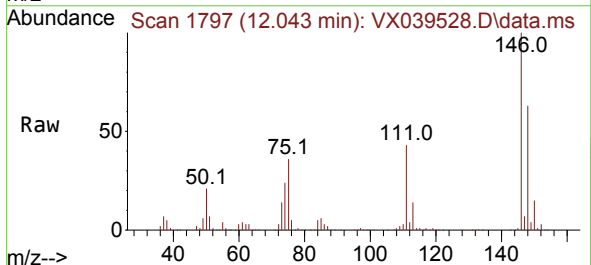
Tgt Ion:146 Resp: 13572
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.1
148 63.7 31.8 95.3

Manual Integrations
APPROVED

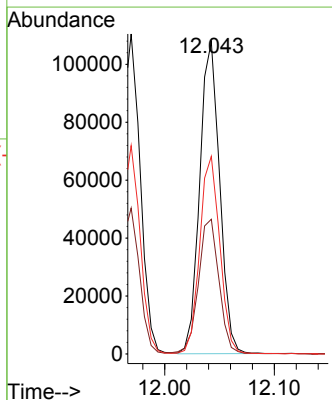
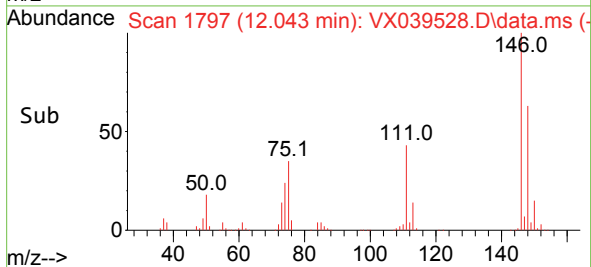
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

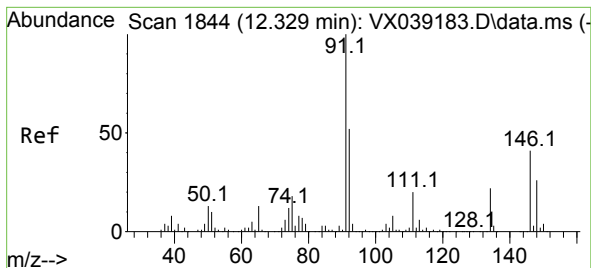


#88
1,4-Dichlorobenzene
Concen: 47.635 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



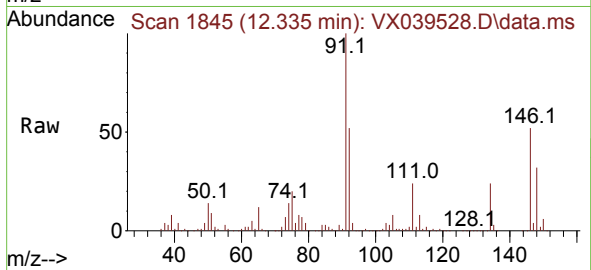
Tgt Ion:146 Resp: 136151
Ion Ratio Lower Upper
146 100
111 44.5 21.3 63.7
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 48.387 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

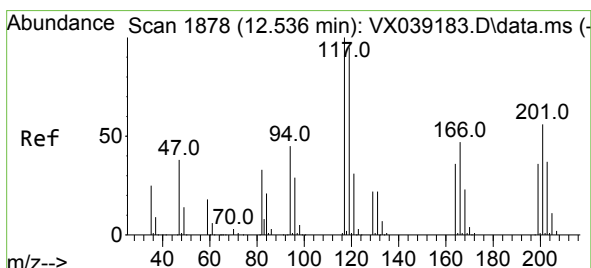
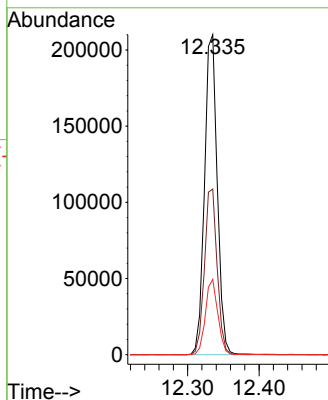
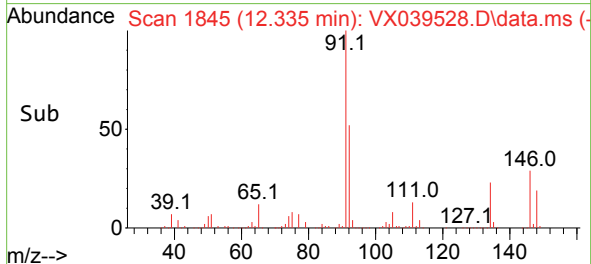
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26022
Ion Ratio Lower Upper
91 100
92 51.8 27.4 82.0
134 23.0 12.6 37.8

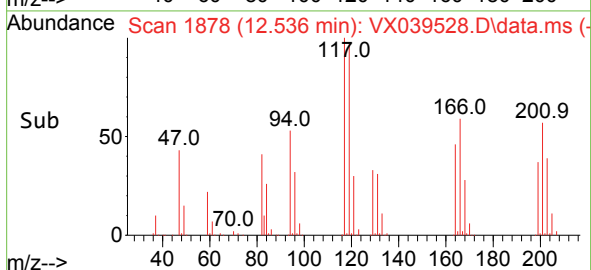
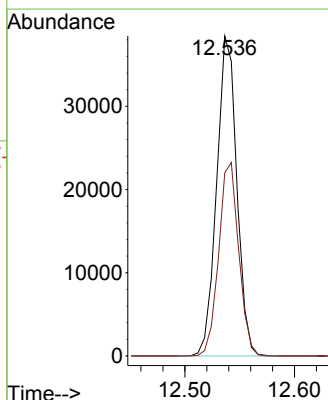
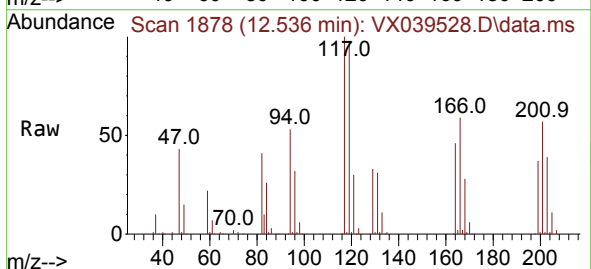
Manual Integrations
APPROVED

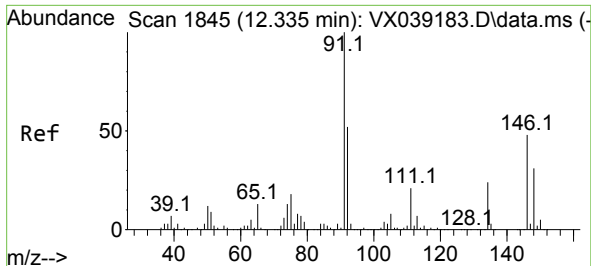
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#90
Hexachloroethane
Concen: 49.674 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

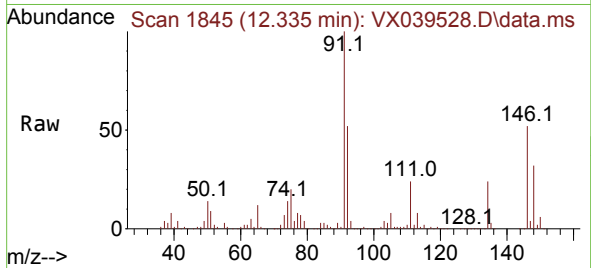
Tgt Ion:117 Resp: 49090
Ion Ratio Lower Upper
117 100
201 60.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.843 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

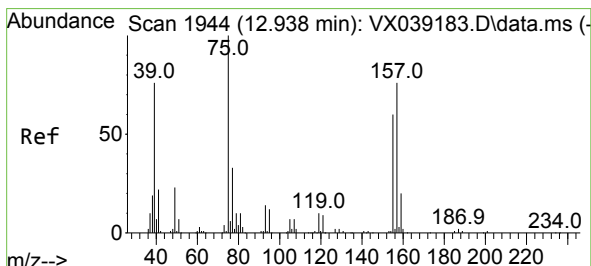
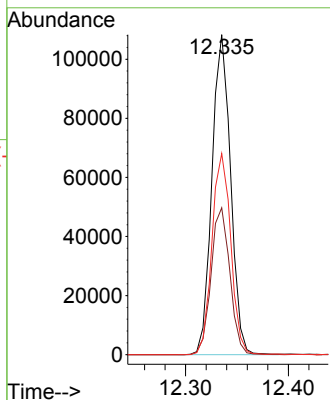
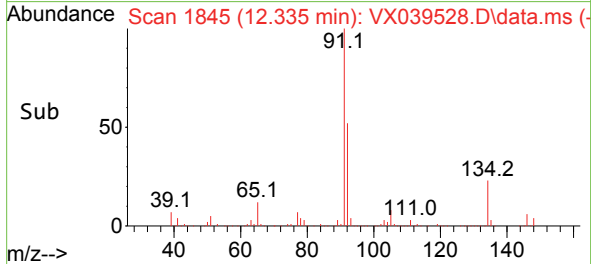
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



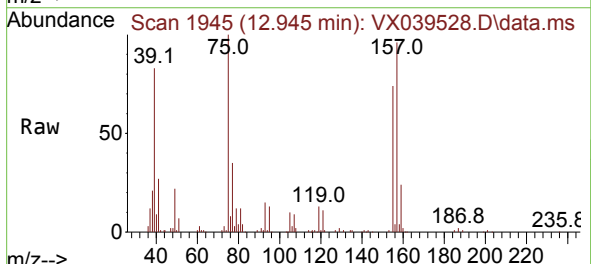
Tgt Ion:146 Resp: 136169
Ion Ratio Lower Upper
146 100
111 46.4 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
APPROVED

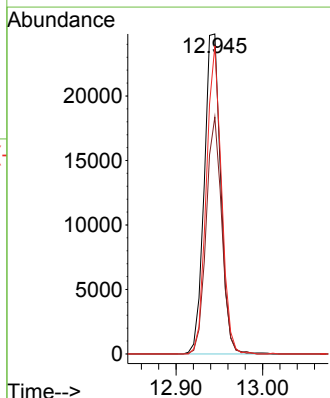
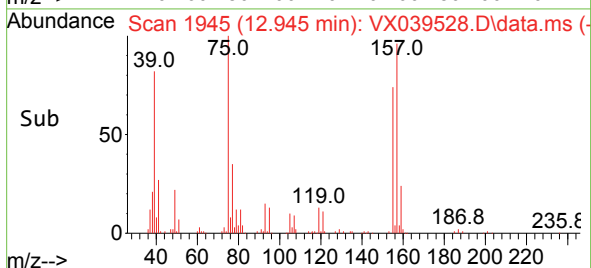
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

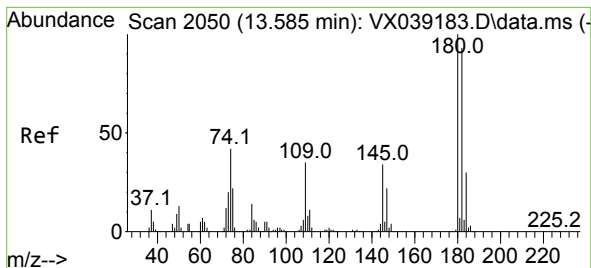


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.027 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



Tgt Ion: 75 Resp: 32831
Ion Ratio Lower Upper
75 100
155 69.9 36.1 108.5
157 88.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.223 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

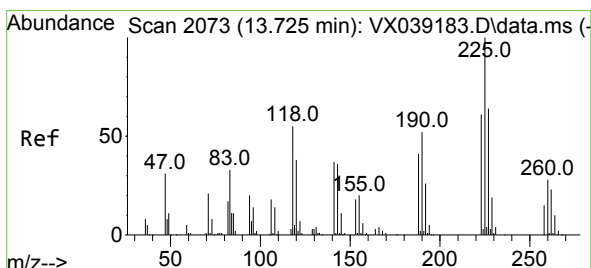
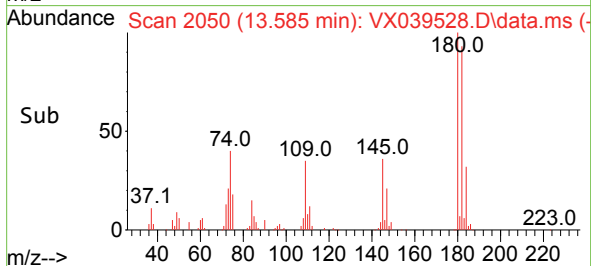
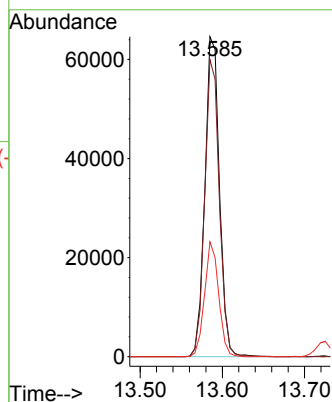
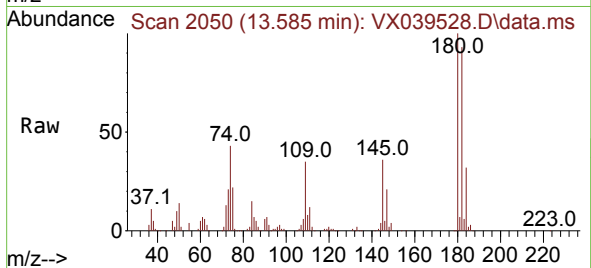
Tgt Ion:180	Resp:	79498
Ion Ratio	Lower	Upper
180	100	
182	92.8	48.3 144.8
145	34.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#94

Hexachlorobutadiene

Concen: 47.875 ug/l

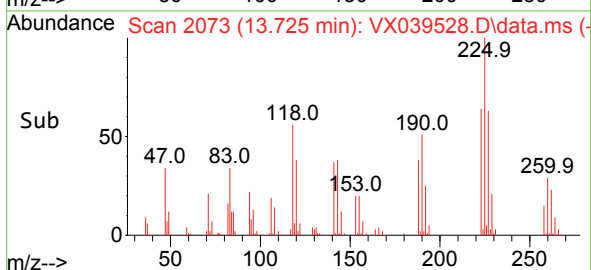
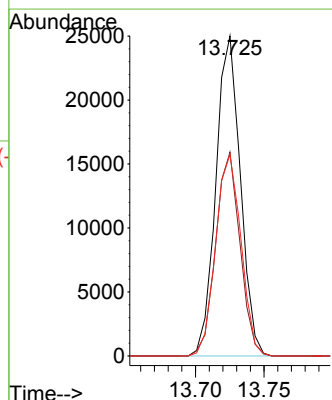
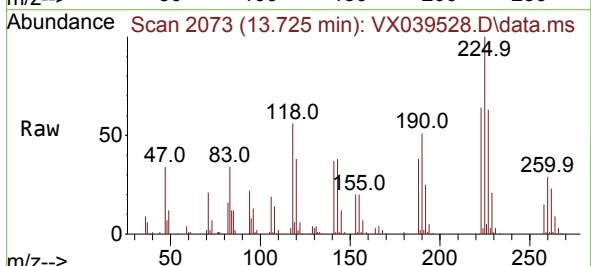
RT: 13.725 min Scan# 2073

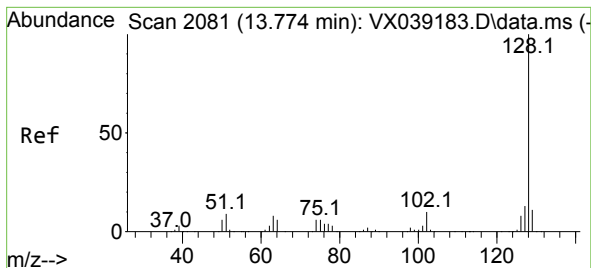
Delta R.T. 0.000 min

Lab File: VX039528.D

Acq: 28 Dec 2023 19:43

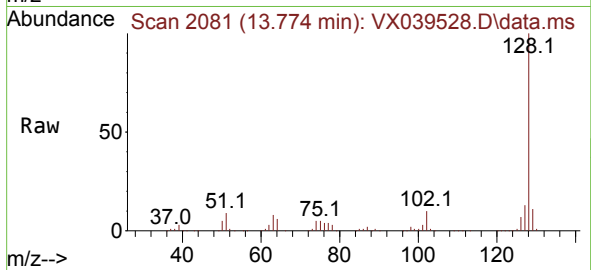
Tgt Ion:225	Resp:	31030
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.1 93.2
227	65.1	32.5 97.5





#95
Naphthalene
Concen: 54.163 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43

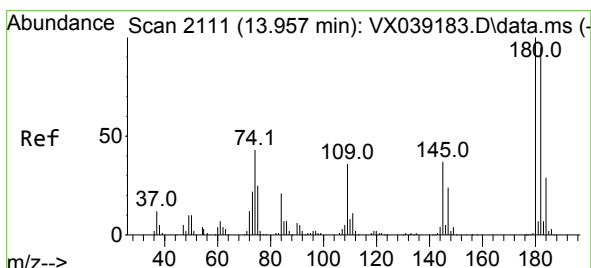
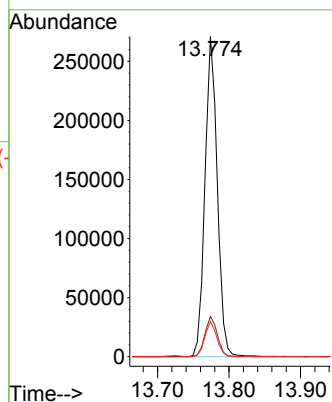
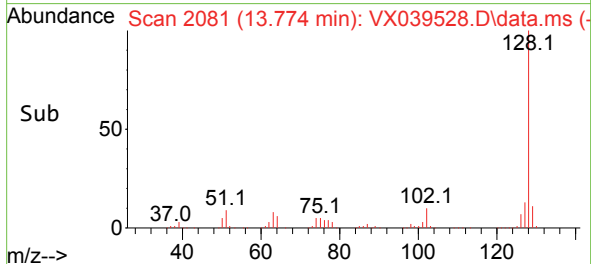
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



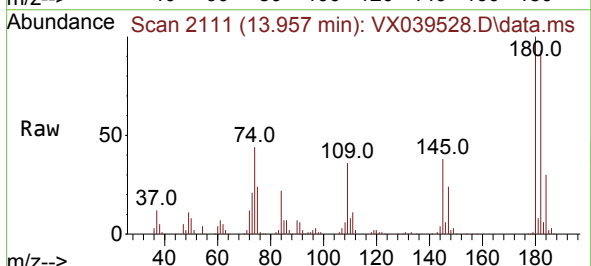
Tgt Ion:128 Resp: 324415
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.295 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039528.D
Acq: 28 Dec 2023 19:43



Tgt Ion:180 Resp: 81846
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 36.7 17.8 53.5

