

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040189.D
 Acq On : 12 Feb 2024 11:11
 Operator : JC/MD
 Sample : VX0212MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Semsettin Yesilyurt 02/13/2024

Quant Time: Feb 12 14:22:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54998	44.652	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.300%		
35) Dibromofluoromethane	5.385	113	43624	45.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.380%		
50) Toluene-d8	8.647	98	165284	46.274	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.540%		
62) 4-Bromofluorobenzene	11.079	95	64576	44.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18417	19.693	ug/l	93
3) Chloromethane	1.294	50	17085	17.716	ug/l	96
4) Vinyl Chloride	1.373	62	18976	18.620	ug/l	96
5) Bromomethane	1.605	94	13562	23.582	ug/l	97
6) Chloroethane	1.684	64	11215	17.449	ug/l	93
7) Trichlorofluoromethane	1.886	101	30416	18.584	ug/l	100
8) Diethyl Ether	2.136	74	10977	17.854	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	16515	18.812	ug/l	98
10) Methyl Iodide	2.453	142	18024	18.493	ug/l	93
11) Tert butyl alcohol	2.952	59	21855	91.094	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	15161	17.936	ug/l	91
13) Acrolein	2.233	56	21357	96.444	ug/l	98
14) Allyl chloride	2.666	41	26489	18.058	ug/l	97
15) Acrylonitrile	3.062	53	50635	94.326	ug/l	100
16) Acetone	2.379	43	46994	92.897	ug/l	96
17) Carbon Disulfide	2.514	76	38945	17.452	ug/l	100
18) Methyl Acetate	2.703	43	22860	16.857	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	55157	18.522	ug/l	99
20) Methylene Chloride	2.788	84	17179	17.064	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	16642	17.287	ug/l	89
22) Diisopropyl ether	3.763	45	54741	18.401	ug/l #	84
23) Vinyl Acetate	3.721	43	250229	94.354	ug/l	96
24) 1,1-Dichloroethane	3.611	63	30888	17.824	ug/l	100
25) 2-Butanone	4.550	43	71154	89.984	ug/l	92
26) 2,2-Dichloropropane	4.470	77	24932	18.690	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	19927	18.145	ug/l	92
28) Bromochloromethane	4.897	49	14334	19.482	ug/l	92
29) Tetrahydrofuran	5.001	42	46644	90.542	ug/l	95
30) Chloroform	5.092	83	33343	17.796	ug/l	95
31) Cyclohexane	5.470	56	26283	17.890	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	28875	18.320	ug/l	98
36) 1,1-Dichloropropene	5.696	75	24689	18.458	ug/l	100
37) Ethyl Acetate	4.714	43	27249	18.308	ug/l	98
38) Carbon Tetrachloride	5.671	117	23504	18.481	ug/l	90
39) Methylcyclohexane	7.378	83	29296	18.846	ug/l	94
40) Benzene	6.037	78	69246	18.512	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	14679	18.604	ug/l	92
42) 1,2-Dichloroethane	6.086	62	26899	18.398	ug/l	99
43) Isopropyl Acetate	6.336	43	43503	18.724	ug/l	98
44) Trichloroethene	7.122	130	18801	18.222	ug/l	99
45) 1,2-Dichloropropane	7.427	63	18529	19.031	ug/l	97
46) Dibromomethane	7.580	93	13855	19.322	ug/l	96
47) Bromodichloromethane	7.824	83	26499	19.180	ug/l #	98
48) Methyl methacrylate	7.689	41	21956	18.468	ug/l	92
49) 1,4-Dioxane	7.653	88	9875	381.822	ug/l #	95
51) 4-Methyl-2-Pentanone	8.567	43	149568	94.288	ug/l	99
52) Toluene	8.720	92	45330	18.501	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	27759	18.022	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	30083	19.428	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	19536	18.695	ug/l	94
56) Ethyl methacrylate	9.116	69	29711	18.992	ug/l	95
57) 1,3-Dichloropropane	9.305	76	32266	18.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	66544	89.916	ug/l	98
59) 2-Hexanone	9.427	43	118869	94.514	ug/l	100
60) Dibromochloromethane	9.518	129	20528	19.281	ug/l	97
61) 1,2-Dibromoethane	9.610	107	20669	18.608	ug/l	97
64) Tetrachloroethene	9.274	164	16910	18.615	ug/l	93
65) Chlorobenzene	10.079	112	50533	18.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18327	19.559	ug/l	98
67) Ethyl Benzene	10.195	91	90541	18.790	ug/l	99
68) m/p-Xylenes	10.299	106	69098	37.970	ug/l	99
69) o-Xylene	10.640	106	33931	19.187	ug/l	100
70) Styrene	10.652	104	56773	19.309	ug/l	99
71) Bromoform	10.799	173	15333	18.691	ug/l #	99
73) Isopropylbenzene	10.963	105	90295	18.859	ug/l	99
74) N-amyl acetate	10.841	43	39331	19.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	32293	18.773	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30008m	21.799	ug/l	
77) Bromobenzene	11.201	156	21860	19.331	ug/l	92
78) n-propylbenzene	11.305	91	110737	19.104	ug/l	99
79) 2-Chlorotoluene	11.366	91	64403	18.399	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	78578	19.494	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7613	17.977	ug/l	94
82) 4-Chlorotoluene	11.451	91	76894	18.541	ug/l	97
83) tert-Butylbenzene	11.713	119	75417	19.084	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	78636	19.283	ug/l	100
85) sec-Butylbenzene	11.890	105	96600	19.020	ug/l	99
86) p-Isopropyltoluene	12.006	119	79941	19.202	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43237	19.297	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	43268	18.236	ug/l	99
89) n-Butylbenzene	12.335	91	75451	18.775	ug/l	98
90) Hexachloroethane	12.536	117	12505	19.043	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	40922	18.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7796	19.637	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	27445	18.482	ug/l	98
94) Hexachlorobutadiene	13.725	225	11280	19.033	ug/l	99
95) Naphthalene	13.774	128	90059	19.202	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27045	19.107	ug/l	98

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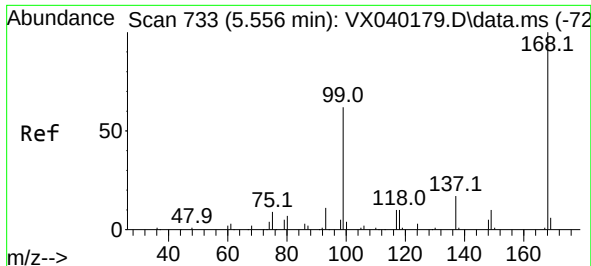
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/13/2024

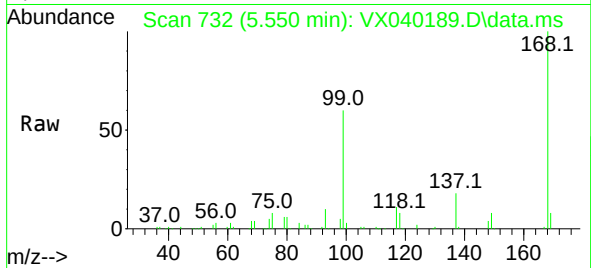
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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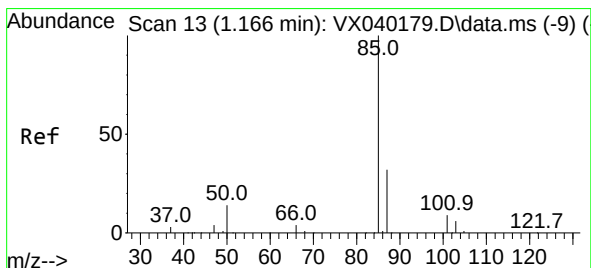
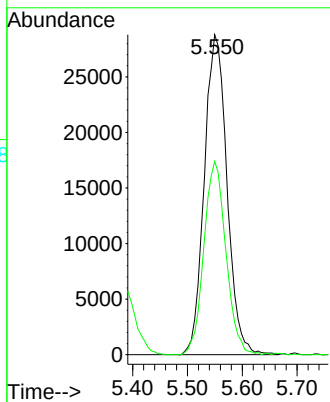
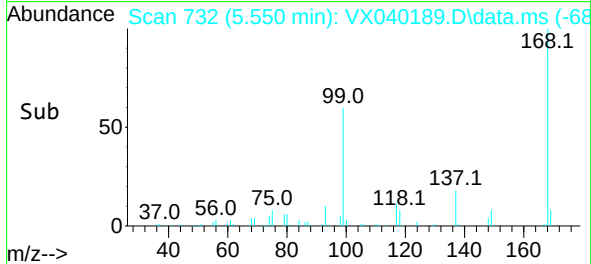
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion:168 Resp: 82792
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0

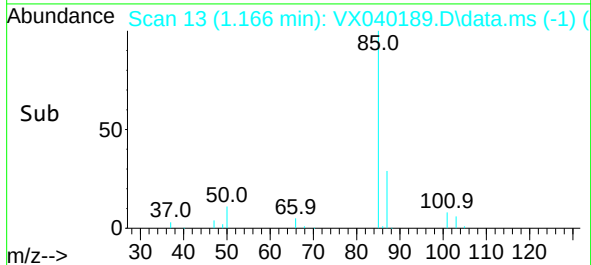
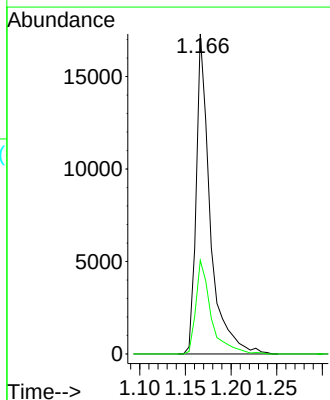
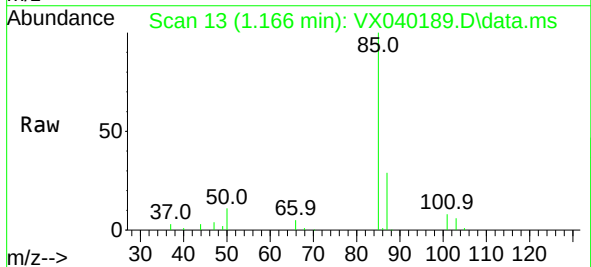
Manual Integrations
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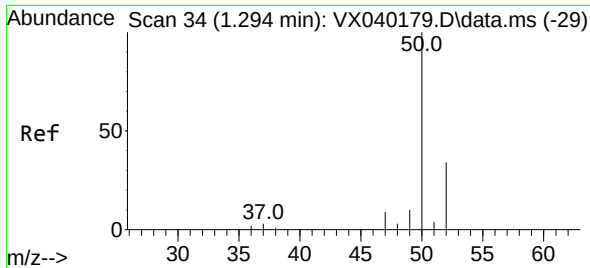
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#2
Dichlorodifluoromethane
Concen: 19.693 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

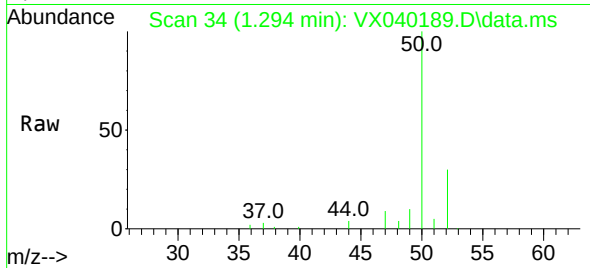
Tgt Ion: 85 Resp: 18417
Ion Ratio Lower Upper
85 100
87 29.3 16.7 50.1





#3
Chloromethane
Concen: 17.716 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

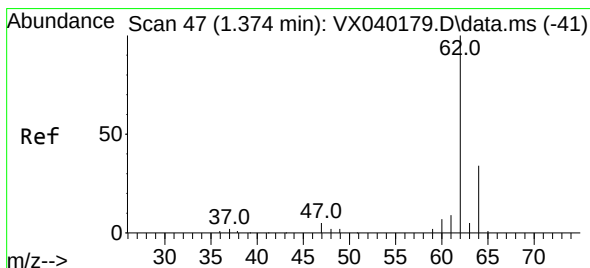
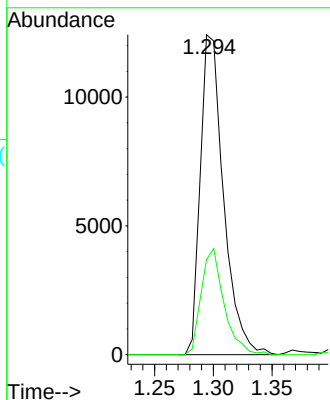
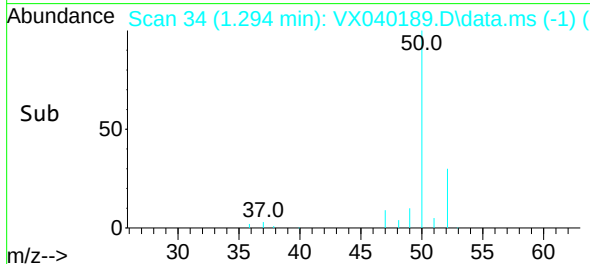
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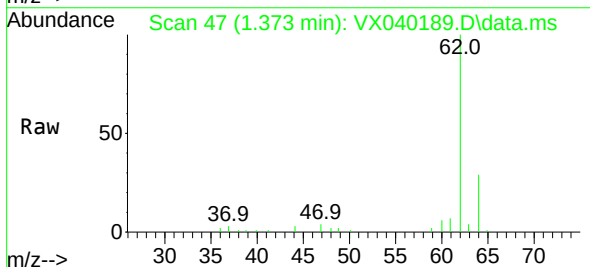
Tgt Ion: 50 Resp: 17085
Ion Ratio Lower Upper
50 100
52 29.7 25.5 38.3

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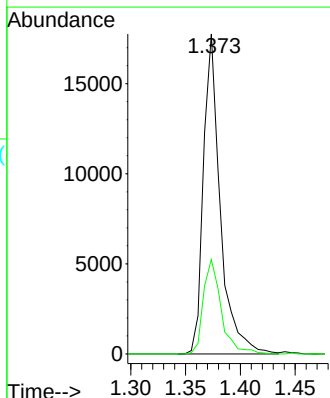
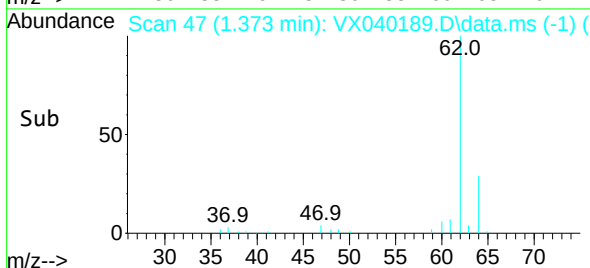
Reviewed By :John Carlone 02/12/2024
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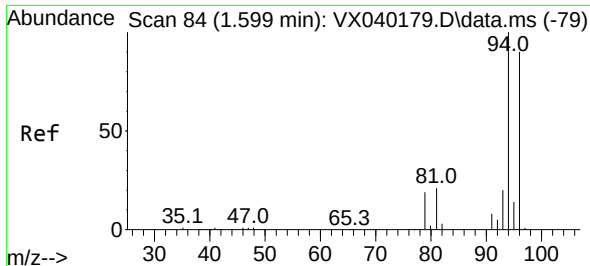


#4
Vinyl Chloride
Concen: 18.620 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



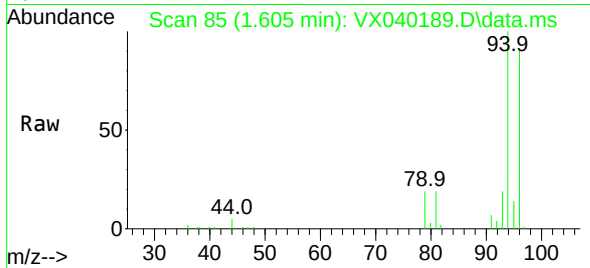
Tgt Ion: 62 Resp: 18976
Ion Ratio Lower Upper
62 100
64 29.5 25.4 38.0





#5
Bromomethane
Concen: 23.582 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

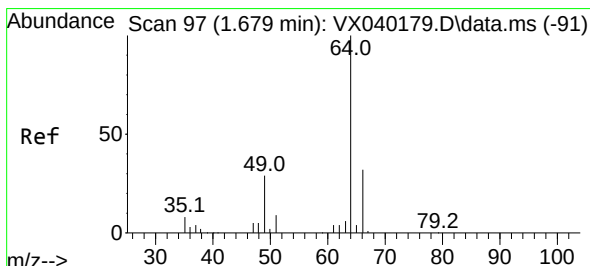
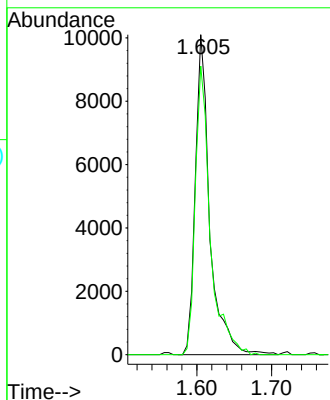
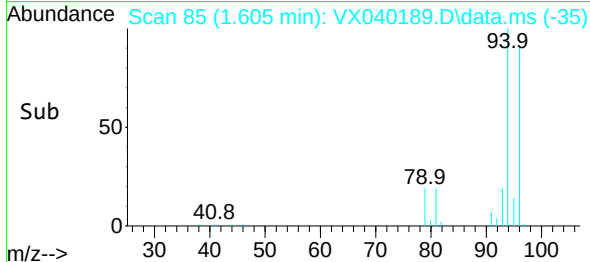
Instrument :
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Tgt Ion: 94 Resp: 13562
Ion Ratio Lower Upper
94 100
96 90.2 74.6 111.8

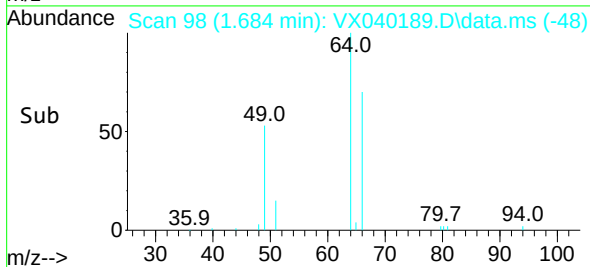
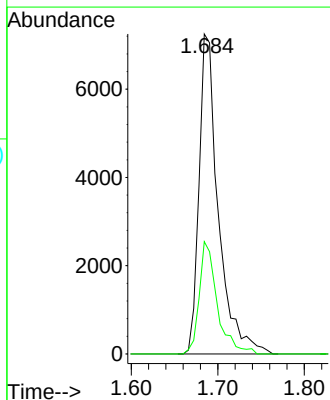
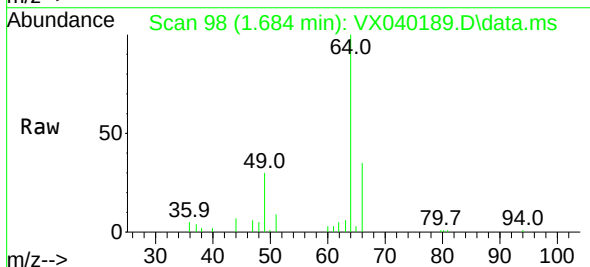
Manual Integrations
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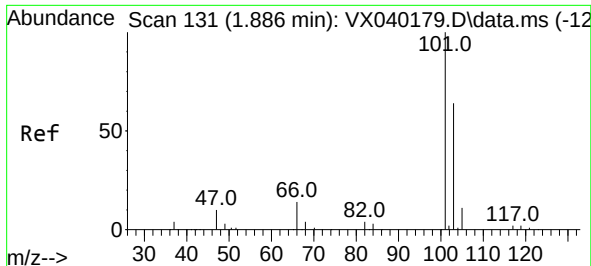
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#6
Chloroethane
Concen: 17.449 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

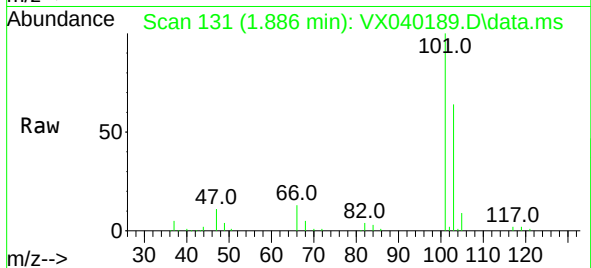
Tgt Ion: 64 Resp: 11215
Ion Ratio Lower Upper
64 100
66 35.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.584 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040189.D
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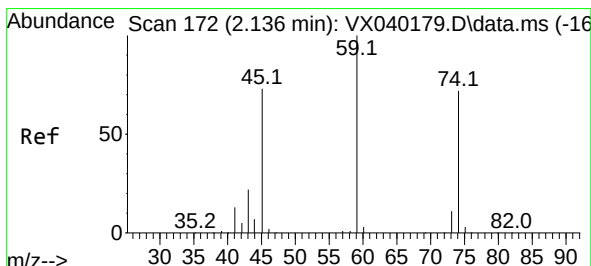
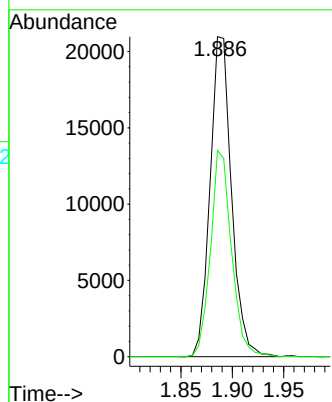
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion:101 Resp: 30410
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

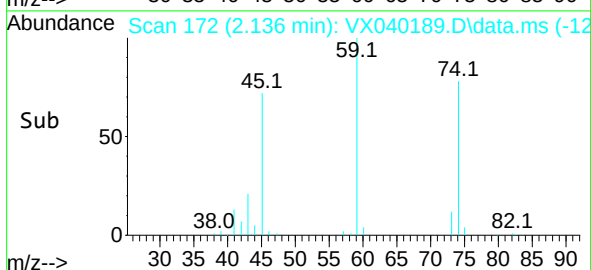
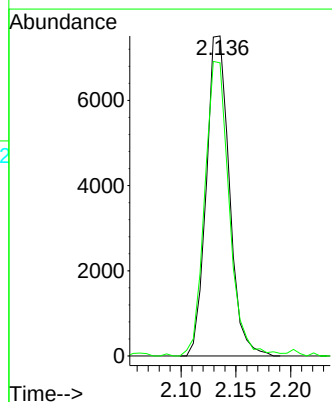
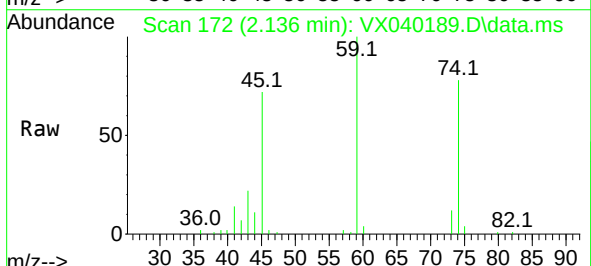
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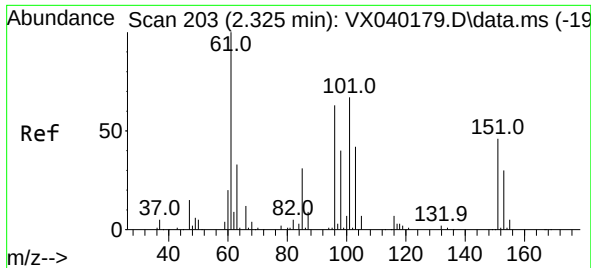
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#8
Diethyl Ether
Concen: 17.854 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Acq: 12 Feb 2024 11:11

Tgt Ion: 74 Resp: 10977
Ion Ratio Lower Upper
74 100
45 97.7 53.3 159.8





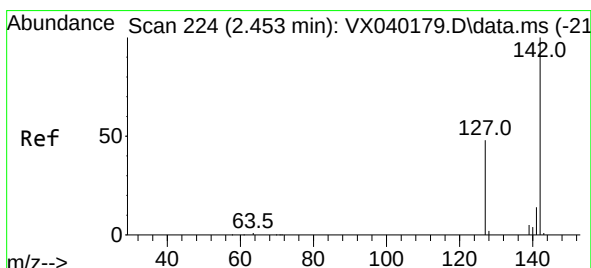
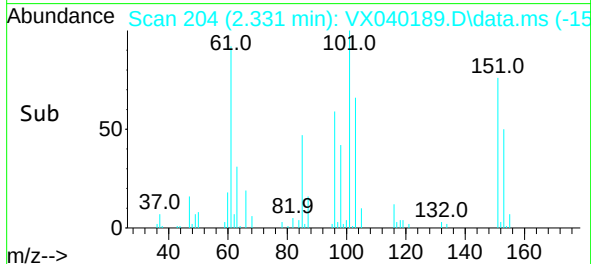
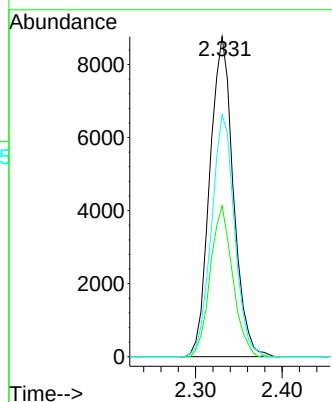
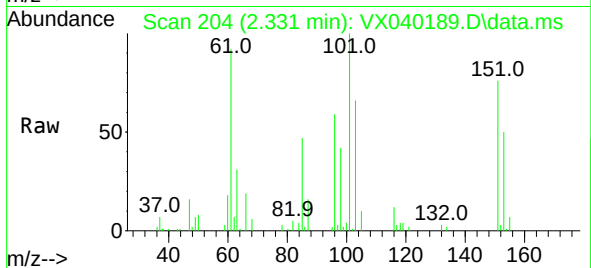
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.812 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040189.D
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Tgt Ion:101 Resp: 1651
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 74.3 58.6 87.8

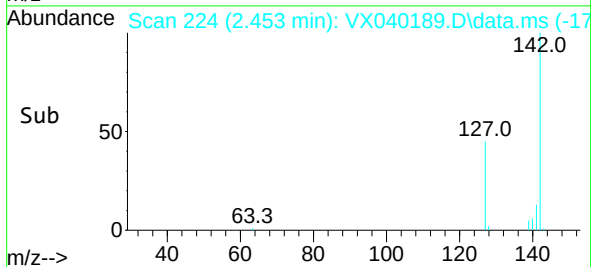
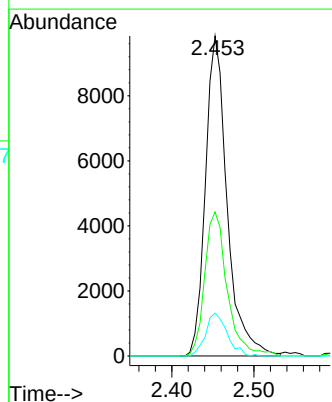
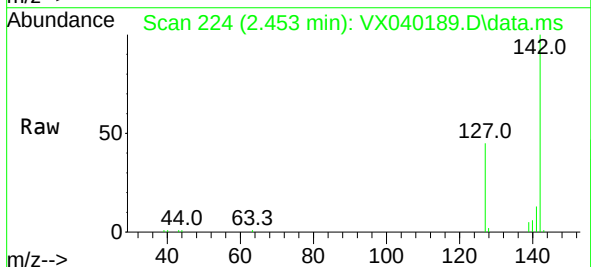
Manual Integrations
APPROVED

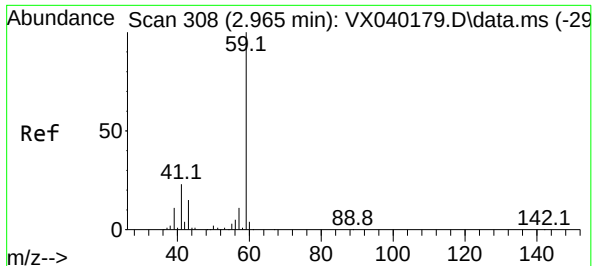
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#10
Methyl Iodide
Concen: 18.493 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

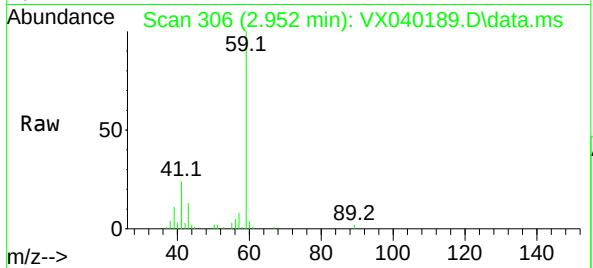
Tgt Ion:142 Resp: 18024
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 13.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 91.094 ug/l
RT: 2.952 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

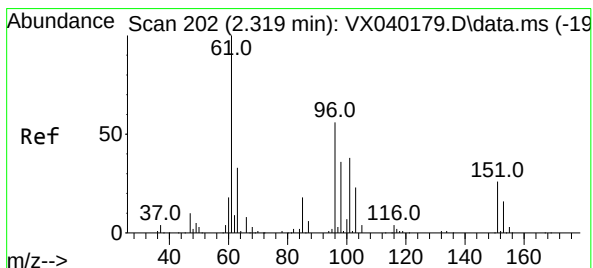
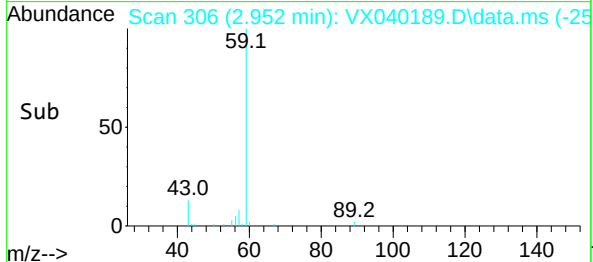
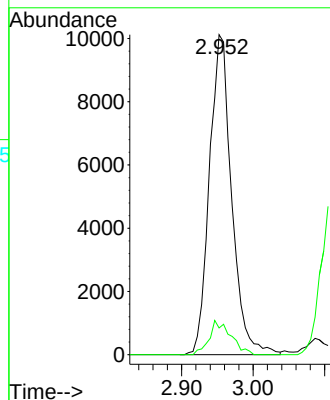
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion: 59 Resp: 2185
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

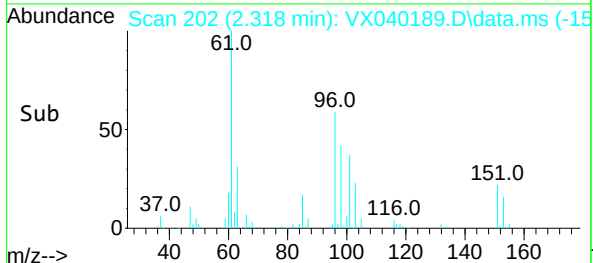
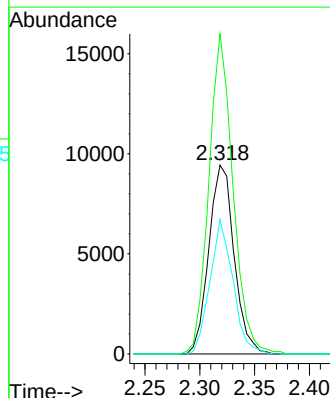
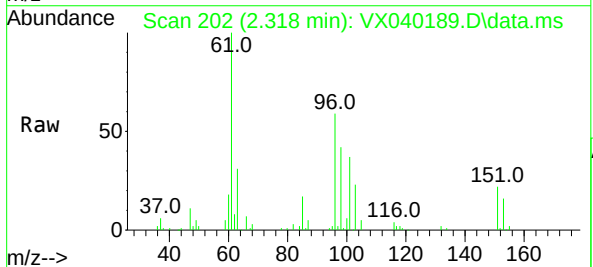
Manual Integrations
APPROVED

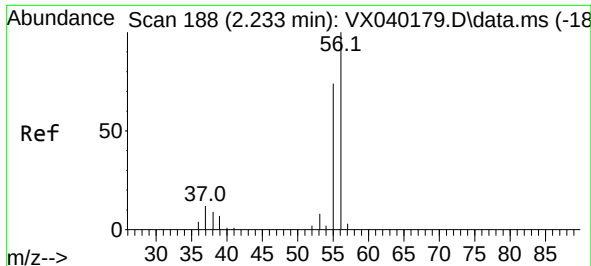
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#12
1,1-Dichloroethene
Concen: 17.936 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion: 96 Resp: 15161
Ion Ratio Lower Upper
96 100
61 169.4 144.6 216.8
98 71.1 50.4 75.6





#13

Acrolein

Concen: 96.444 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01

Tgt Ion: 56 Resp: 2135

Ion Ratio Lower Upper

56 100

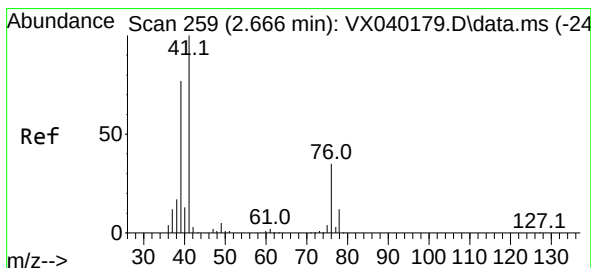
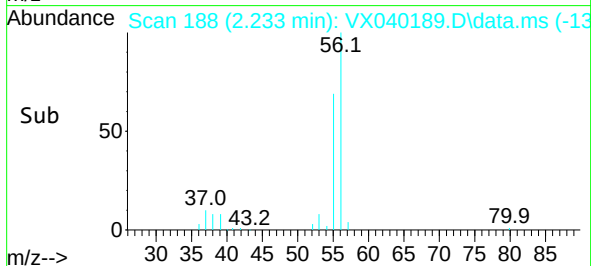
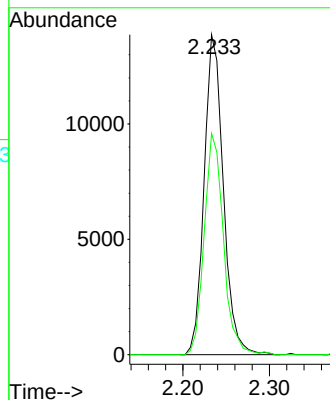
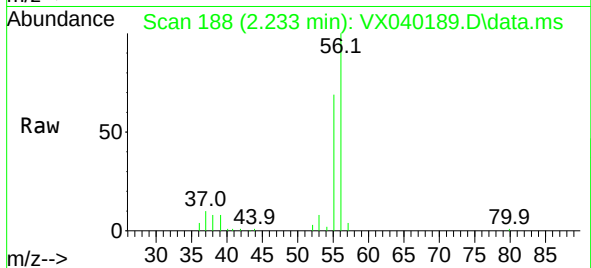
55 69.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#14

Allyl chloride

Concen: 18.058 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

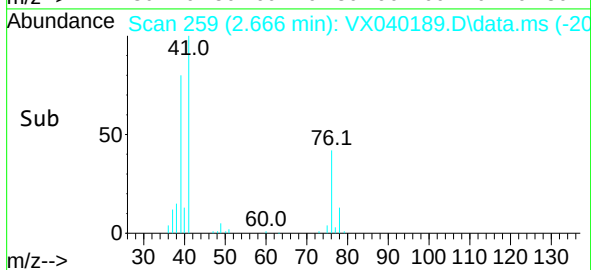
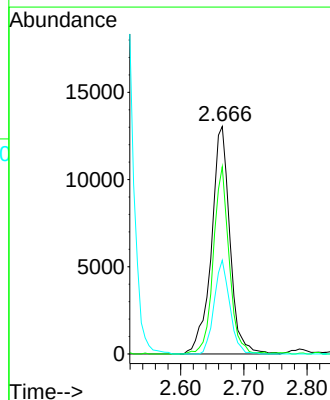
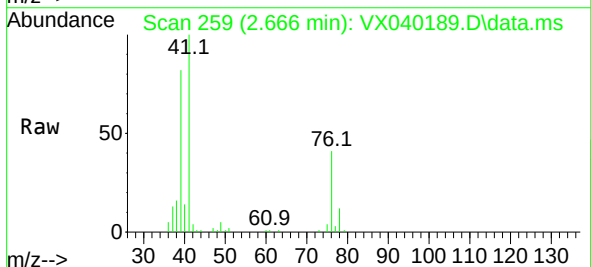
Tgt Ion: 41 Resp: 26489

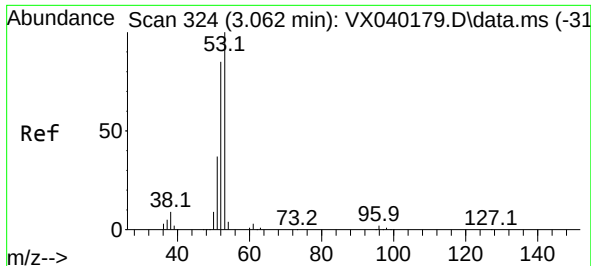
Ion Ratio Lower Upper

41 100

39 70.1 55.8 83.6

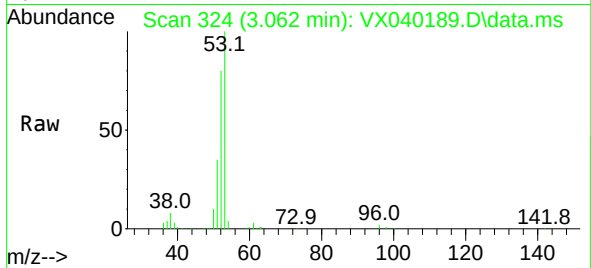
76 34.6 24.3 36.5





#15
Acrylonitrile
Concen: 94.326 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

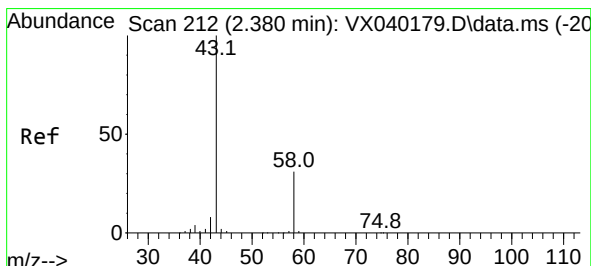
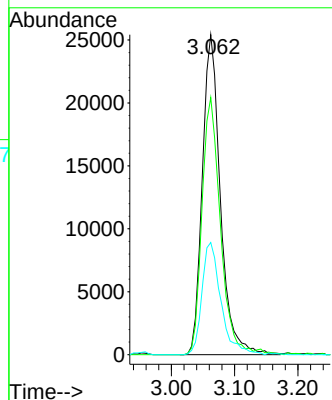
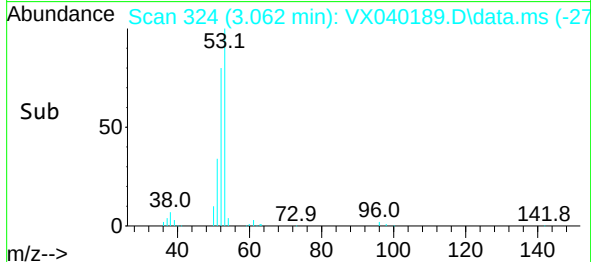
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion: 53 Resp: 5063
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.9 29.8 44.6

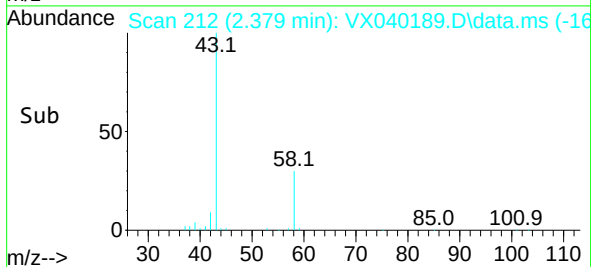
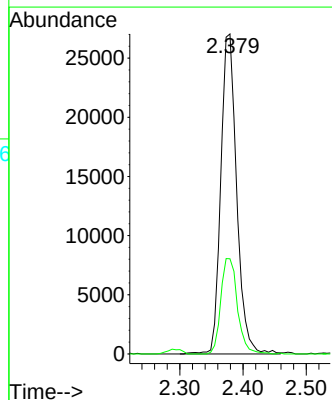
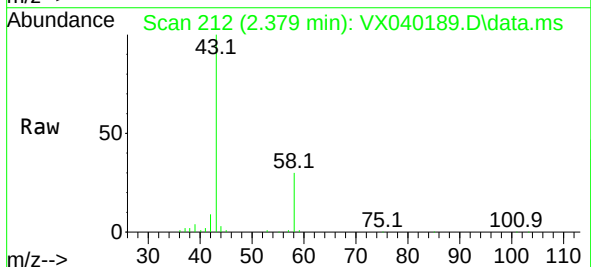
Manual Integrations
APPROVED

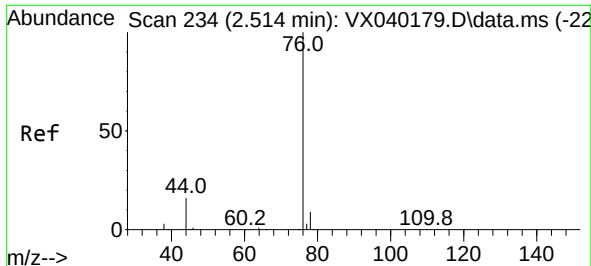
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#16
Acetone
Concen: 92.897 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion: 43 Resp: 46994
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9





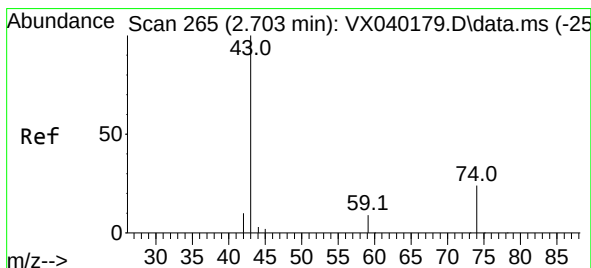
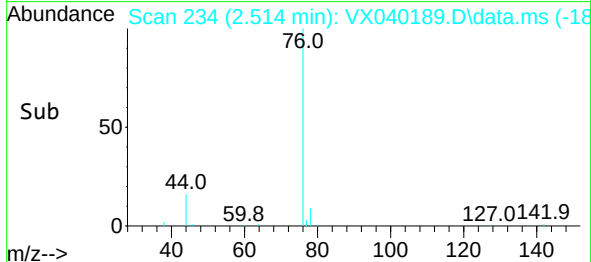
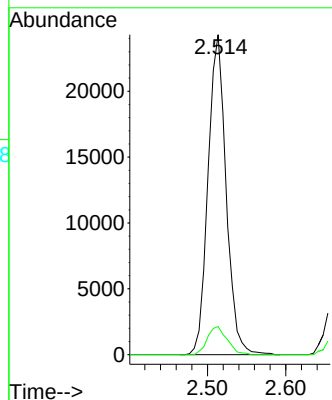
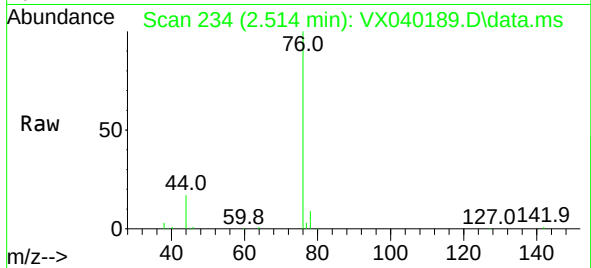
#17
Carbon Disulfide
Concen: 17.452 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion: 76 Resp: 3894
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

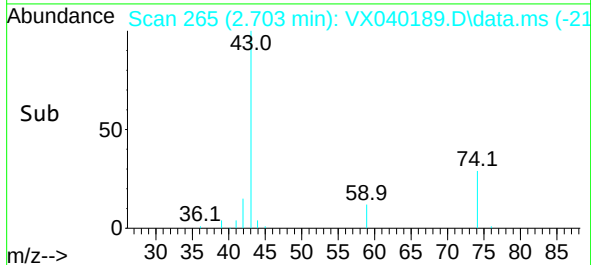
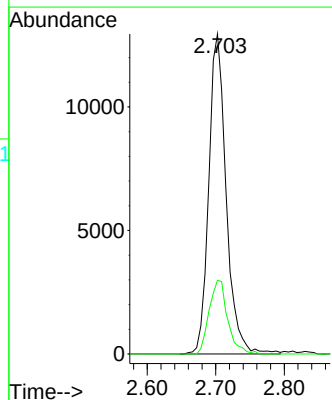
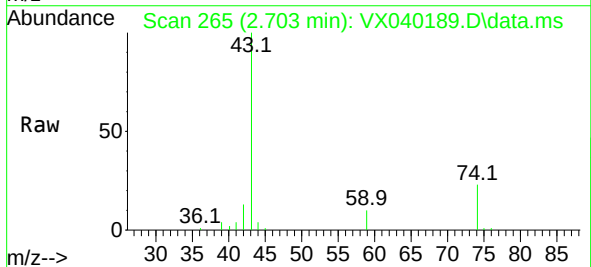
Manual Integrations
APPROVED

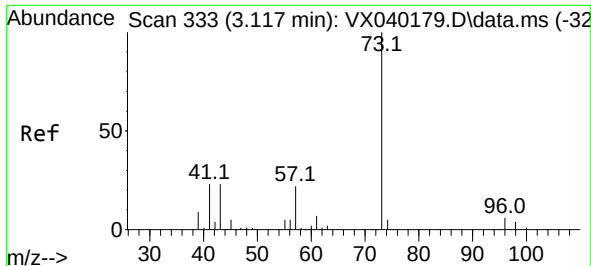
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#18
Methyl Acetate
Concen: 16.857 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion: 43 Resp: 22860
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8





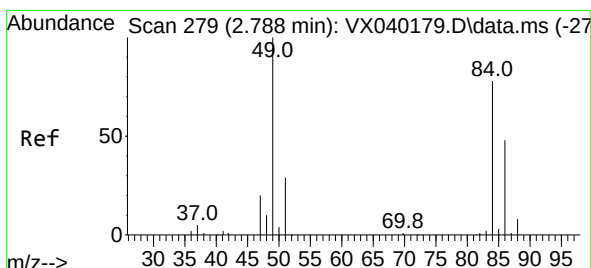
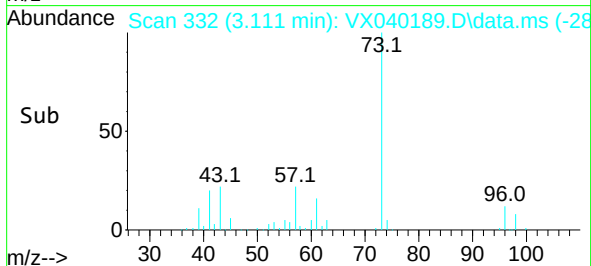
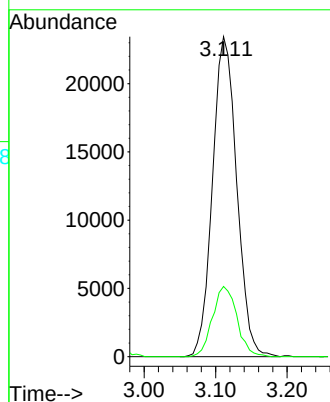
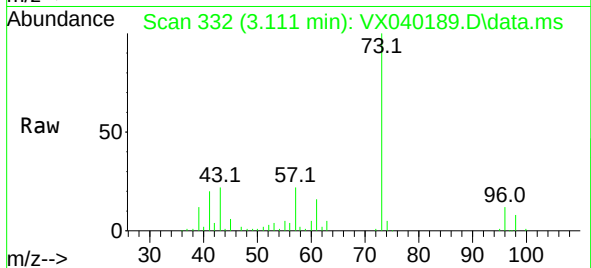
#19
Methyl tert-butyl Ether
Concen: 18.522 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion: 73 Resp: 5515
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

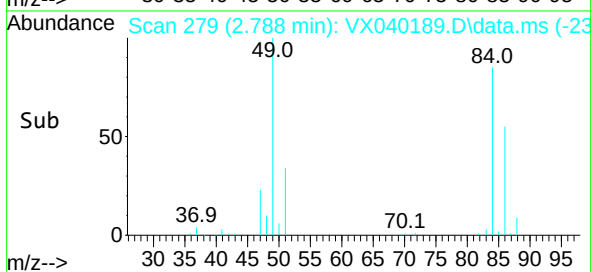
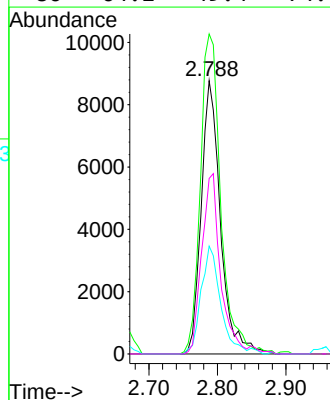
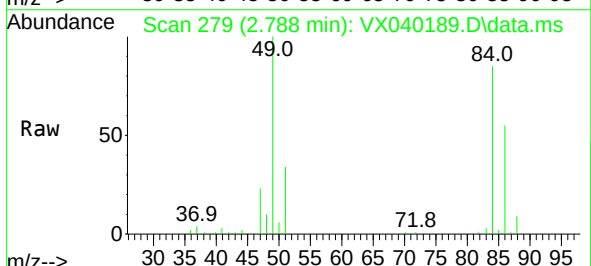
Manual Integrations
APPROVED

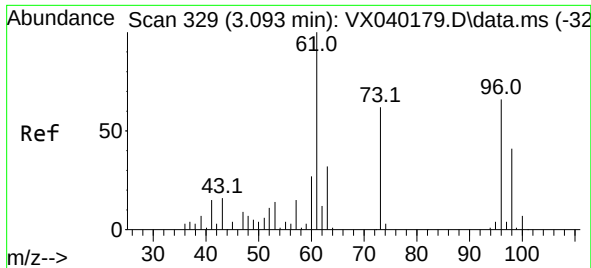
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#20
Methylene Chloride
Concen: 17.064 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

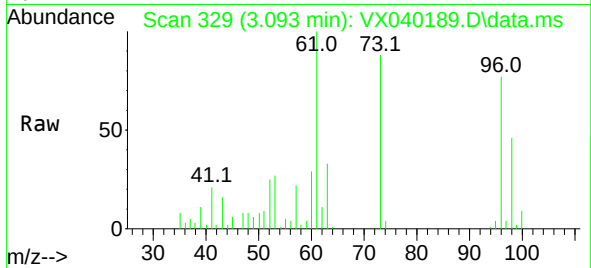
Tgt Ion: 84 Resp: 17179
Ion Ratio Lower Upper
84 100
49 117.1 103.6 155.4
51 39.5 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.287 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

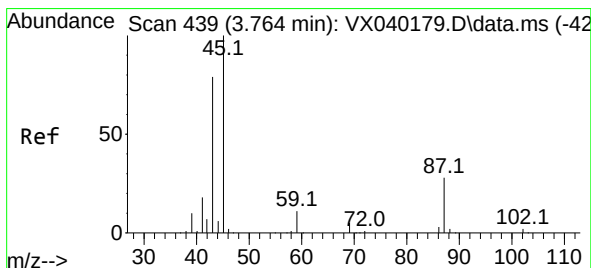
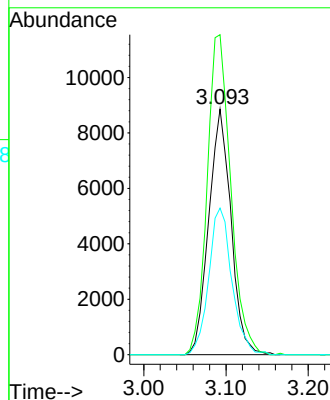
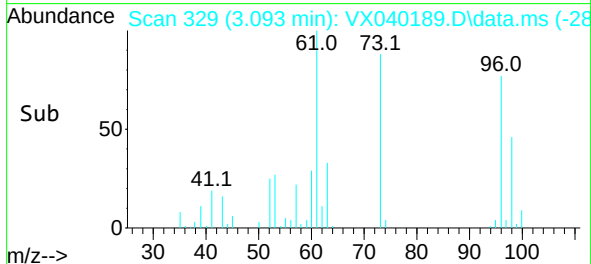
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



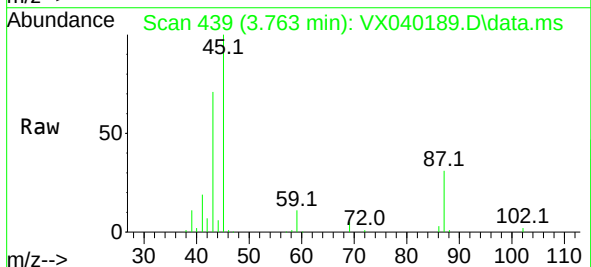
Tgt Ion: 96 Resp: 1664
Ion Ratio Lower Upper
96 100
61 130.3 119.2 178.8
98 59.6 48.7 73.1

Manual Integrations
APPROVED

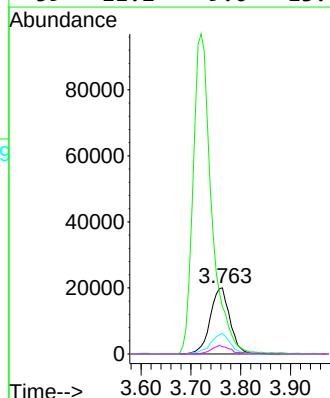
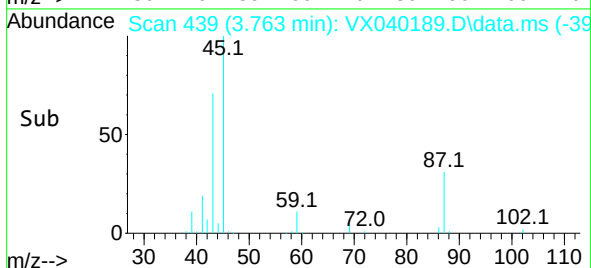
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

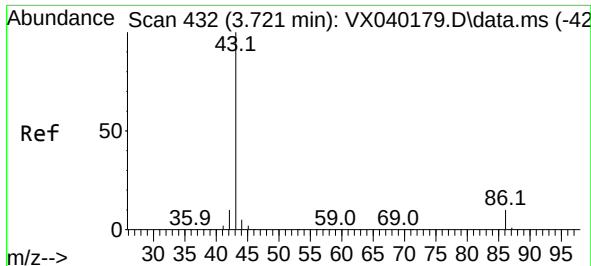


#22
Diisopropyl ether
Concen: 18.401 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



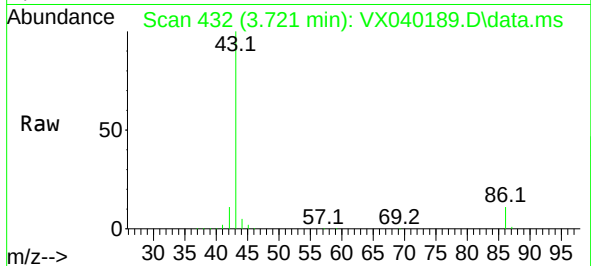
Tgt Ion: 45 Resp: 54741
Ion Ratio Lower Upper
45 100
43 69.4 69.7 104.5#
87 31.0 20.8 31.2
59 11.2 9.0 13.4





#23
Vinyl Acetate
Concen: 94.354 ug/l
RT: 3.721 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

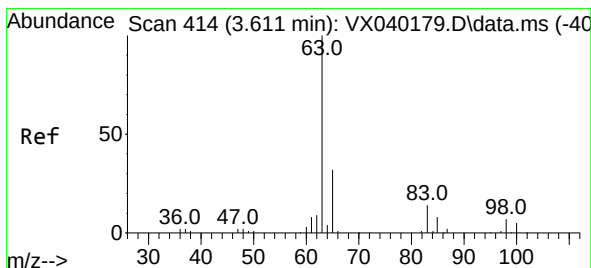
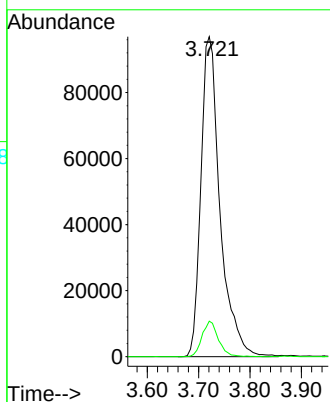
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



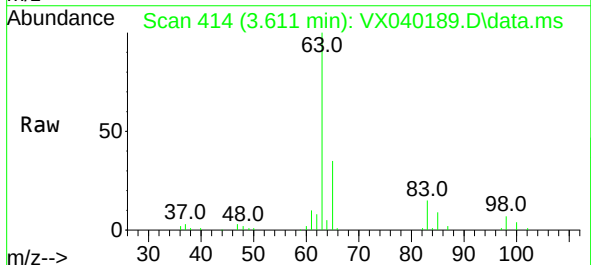
Tgt Ion: 43 Resp: 250229
Ion Ratio Lower Upper
43 100
86 11.1 7.8 11.8

Manual Integrations
APPROVED

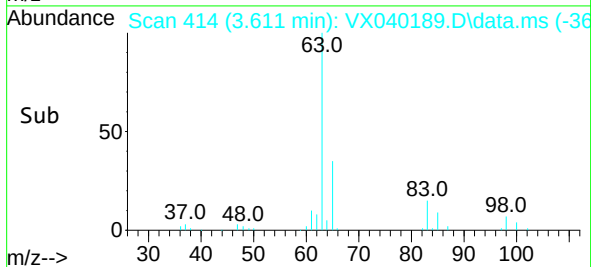
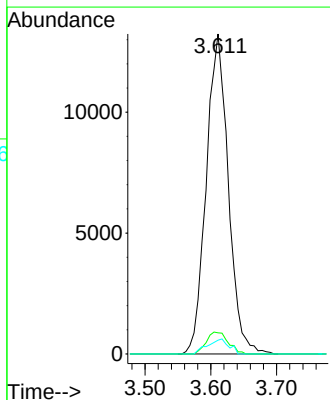
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

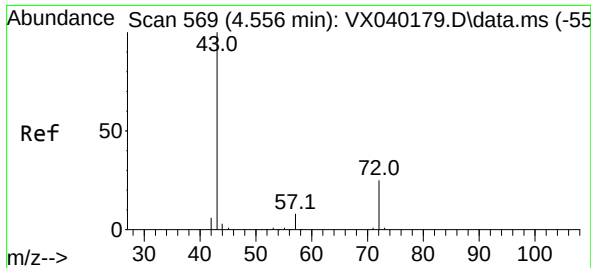


#24
1,1-Dichloroethane
Concen: 17.824 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



Tgt Ion: 63 Resp: 30888
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.8
100 4.3 2.1 6.5





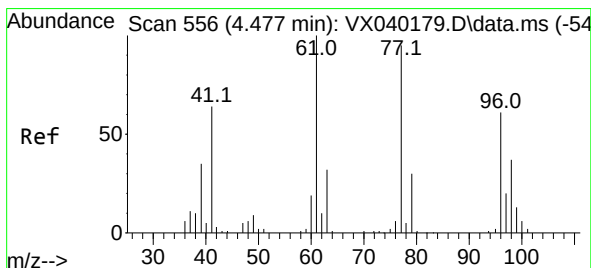
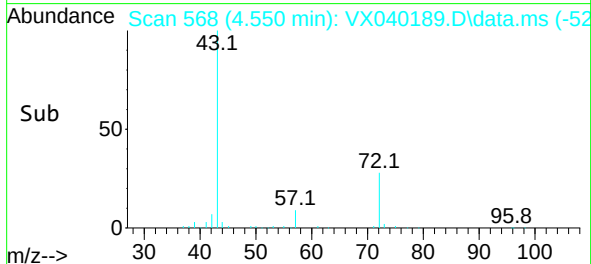
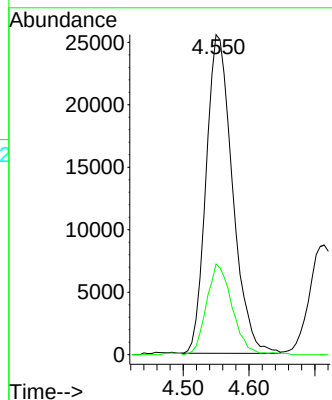
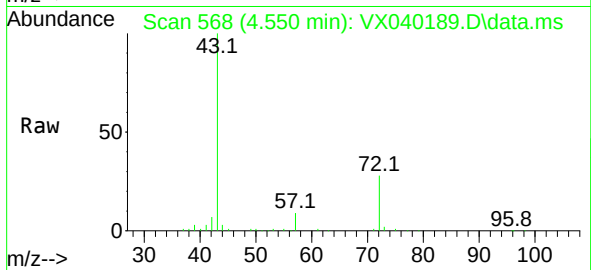
#25
2-Butanone
Concen: 89.984 ug/l
RT: 4.550 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBS01

Tgt Ion: 43 Resp: 71154
Ion Ratio Lower Upper
43 100
72 28.1 19.4 29.2

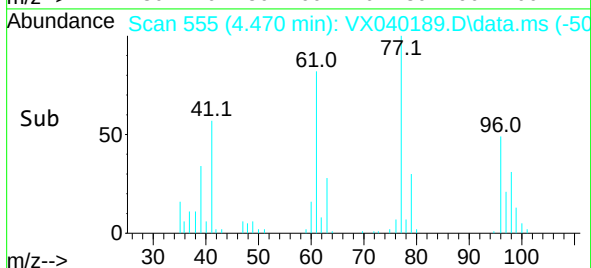
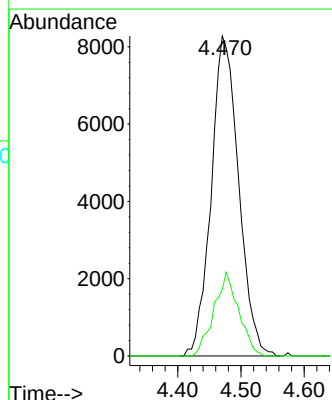
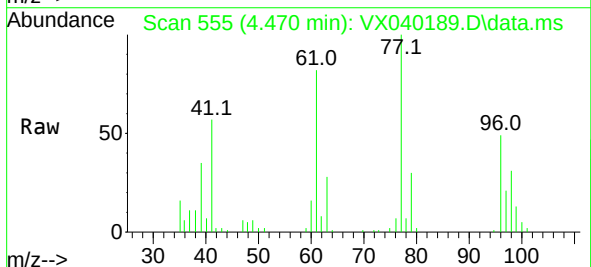
Manual Integrations
APPROVED

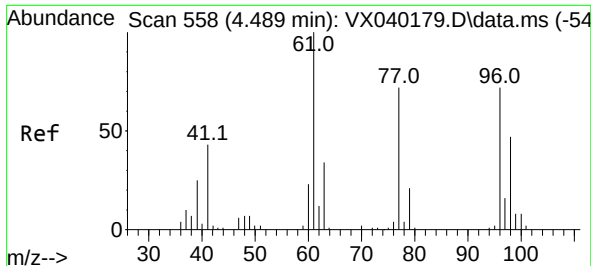
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#26
2,2-Dichloropropane
Concen: 18.690 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion: 77 Resp: 24932
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.145 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01

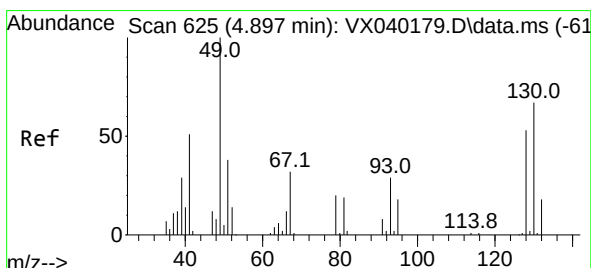
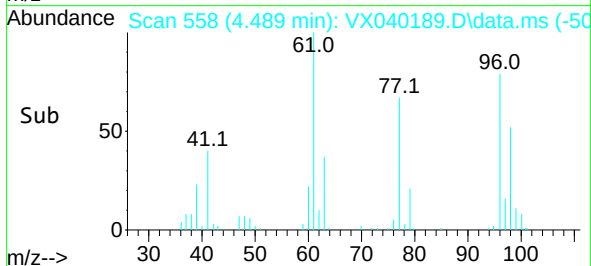
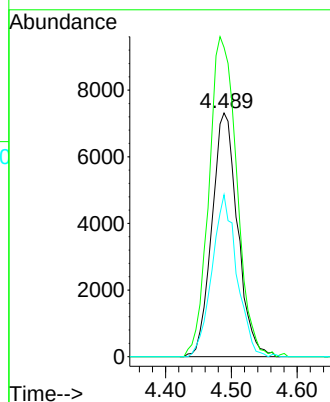
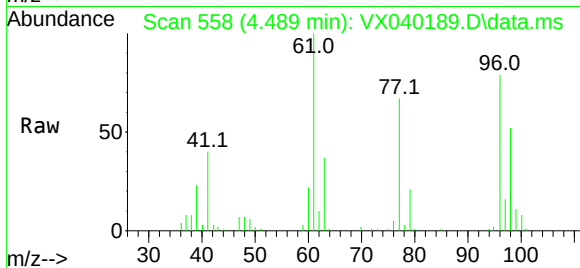
Tgt Ion: 96	Resp: 1992
Ion Ratio	Lower Upper
96	100
61	141.7 0.0 312.2
98	64.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#28

Bromochloromethane

Concen: 19.482 ug/l

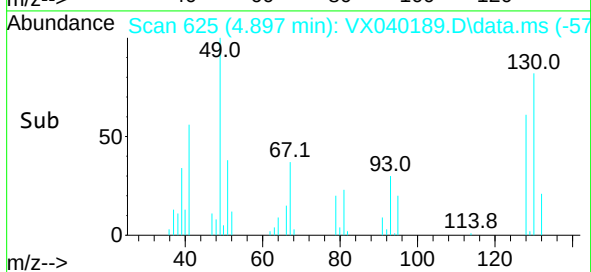
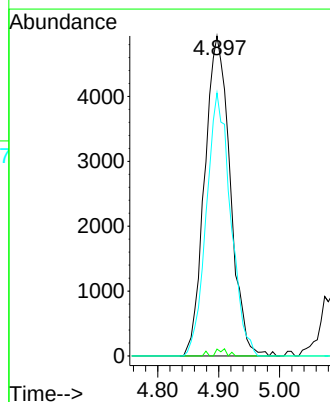
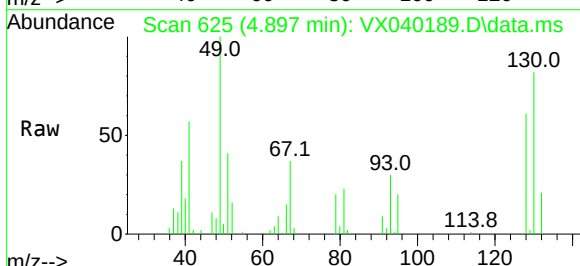
RT: 4.897 min Scan# 625

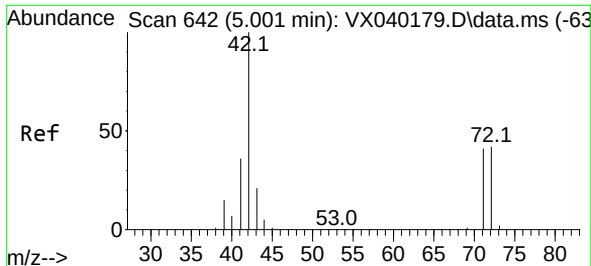
Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Tgt Ion: 49	Resp: 14334
Ion Ratio	Lower Upper
49	100
129	0.9 0.0 3.8
130	78.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 90.542 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040189.D

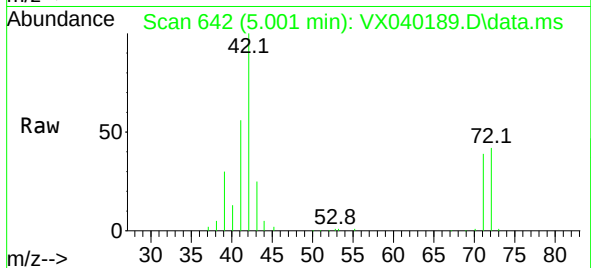
Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01



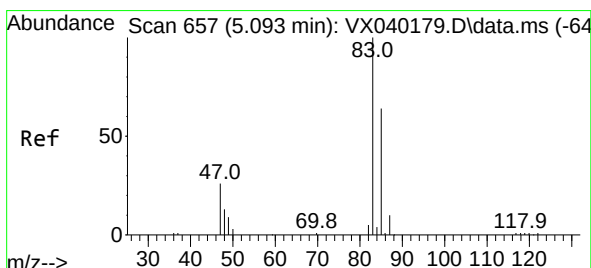
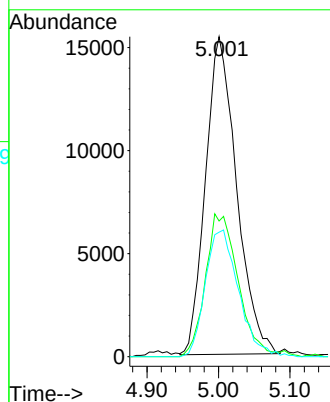
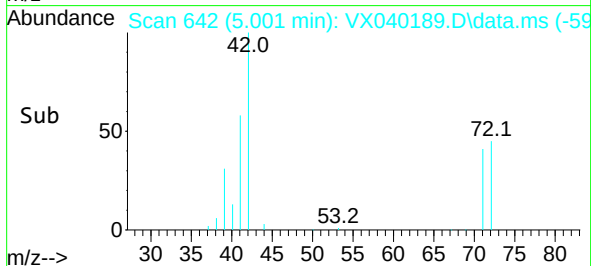
Tgt Ion:	42	Resp:	4664
Ion	Ratio	Lower	Upper
42	100		
72	47.1	34.2	51.4
71	42.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#30

Chloroform

Concen: 17.796 ug/l

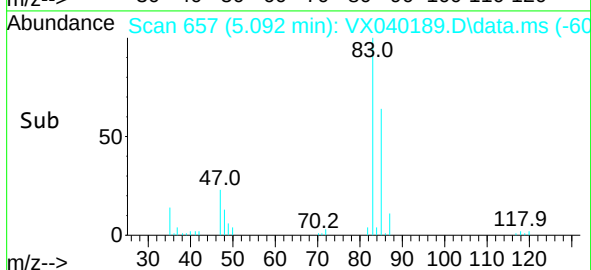
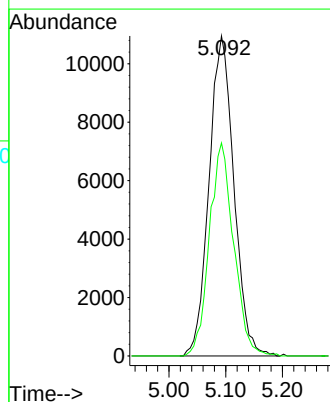
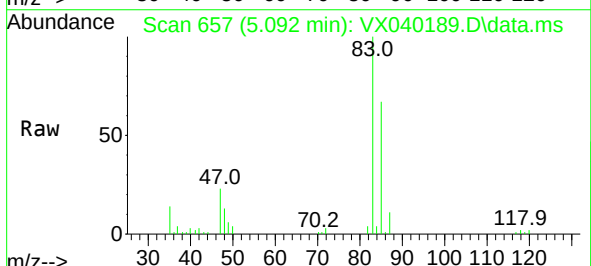
RT: 5.092 min Scan# 657

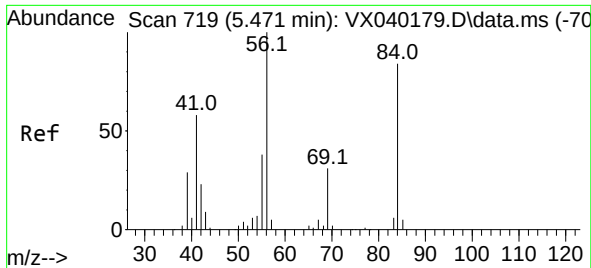
Delta R.T. -0.006 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

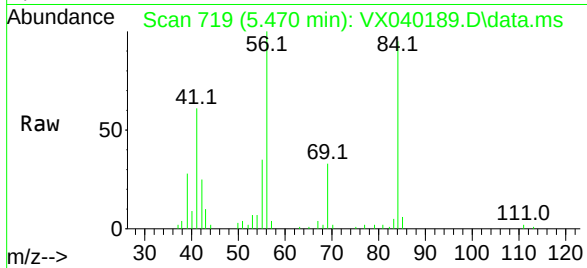
Tgt Ion:	83	Resp:	33343
Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.3	75.5





#31
Cyclohexane
Concen: 17.890 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

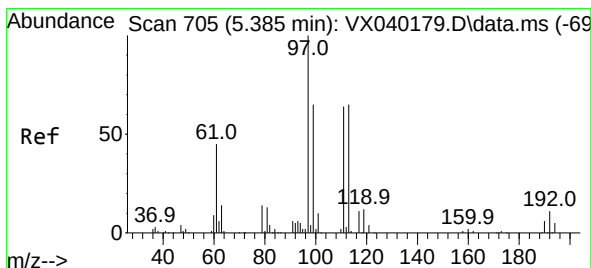
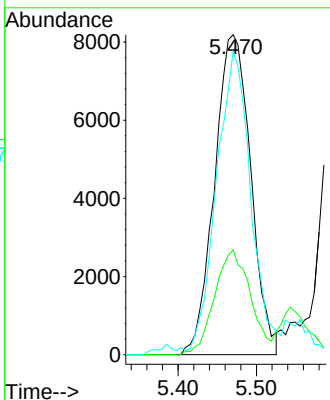
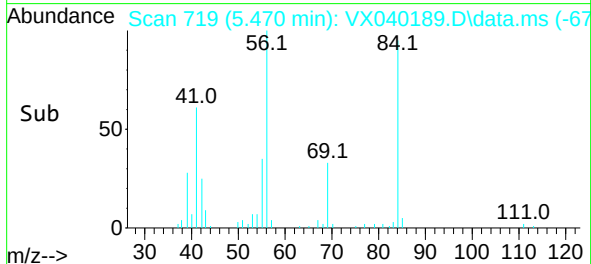
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



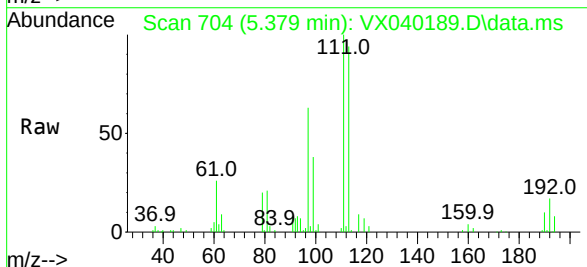
Tgt Ion: 56 Resp: 2628
Ion Ratio Lower Upper
56 100
69 32.8 23.4 35.2
84 93.4 65.9 98.9

Manual Integrations
APPROVED

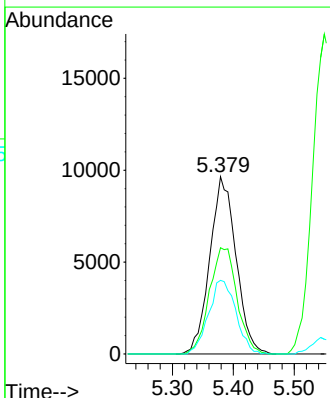
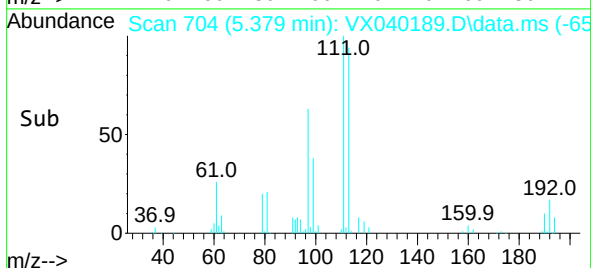
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

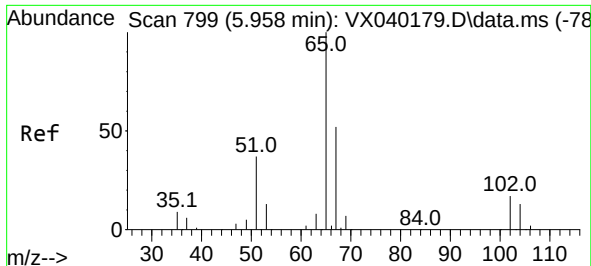


#32
1,1,1-Trichloroethane
Concen: 18.320 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



Tgt Ion: 97 Resp: 28875
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 43.2 36.4 54.6





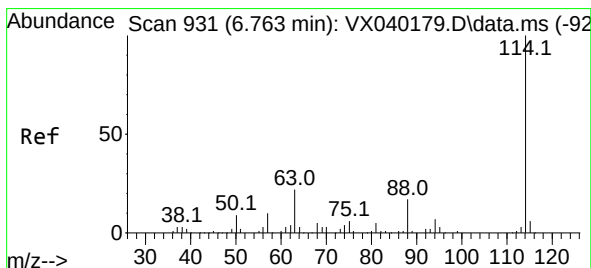
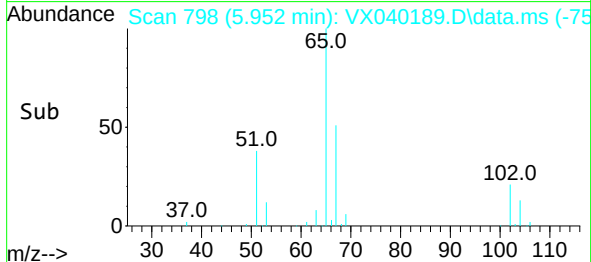
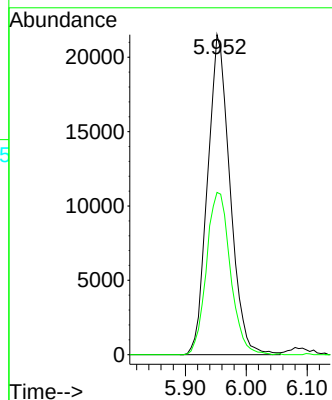
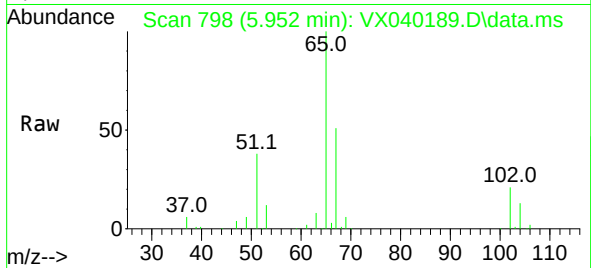
#33
1,2-Dichloroethane-d4
Concen: 44.652 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion: 65 Resp: 5498
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2

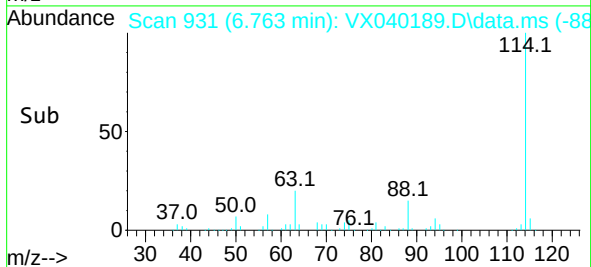
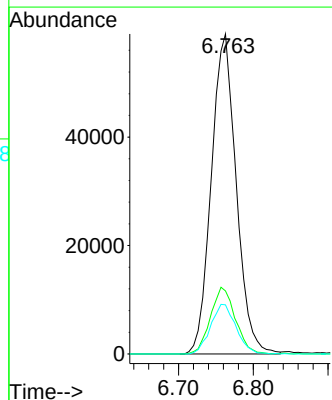
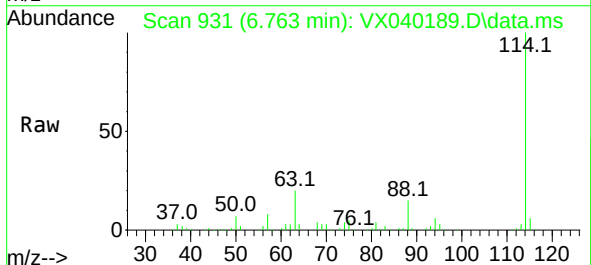
Manual Integrations
APPROVED

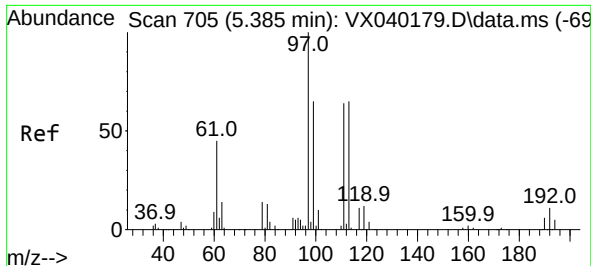
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

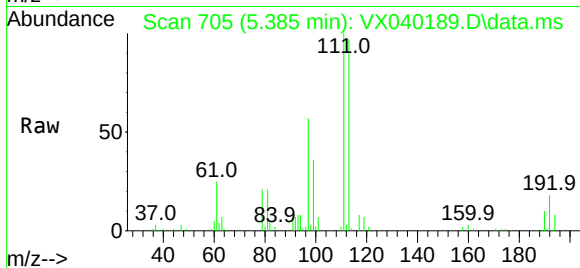
Tgt Ion:114 Resp: 136733
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.686 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

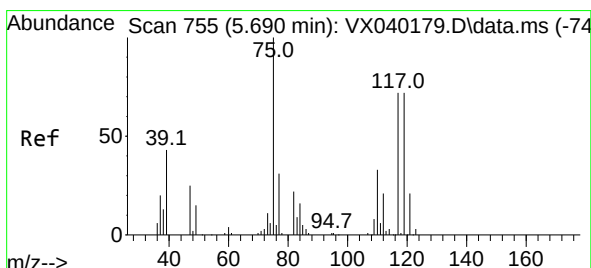
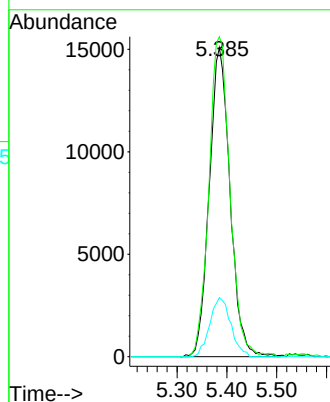
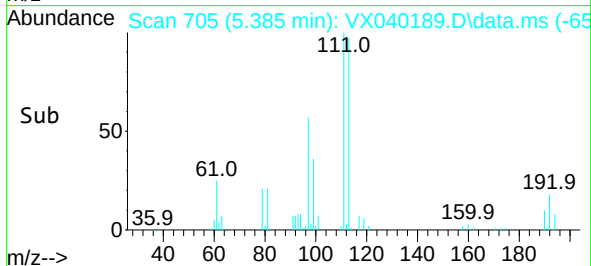
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion: 113 Resp: 43624
Ion Ratio Lower Upper
113 100
111 104.8 82.9 124.3
192 19.3 13.3 19.9

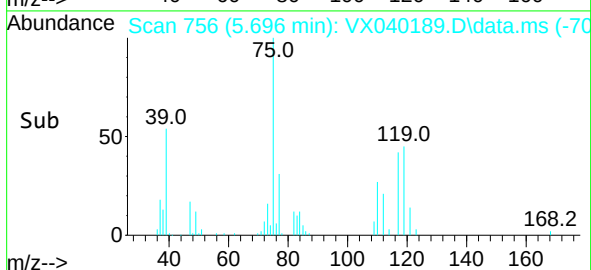
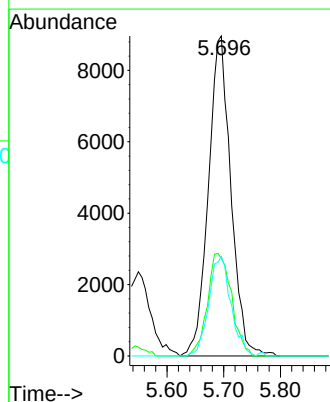
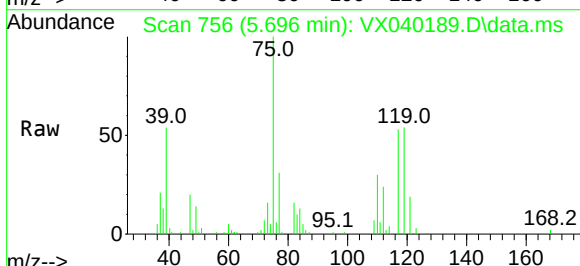
Manual Integrations
APPROVED

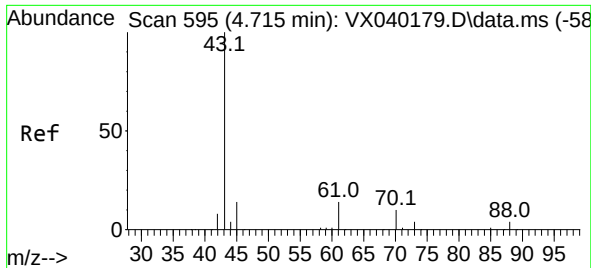
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#36
1,1-Dichloropropene
Concen: 18.458 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

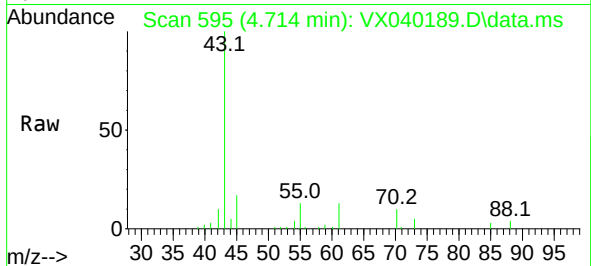
Tgt Ion: 75 Resp: 24689
Ion Ratio Lower Upper
75 100
110 34.1 17.0 50.9
77 30.7 24.7 37.1





#37
Ethyl Acetate
Concen: 18.308 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

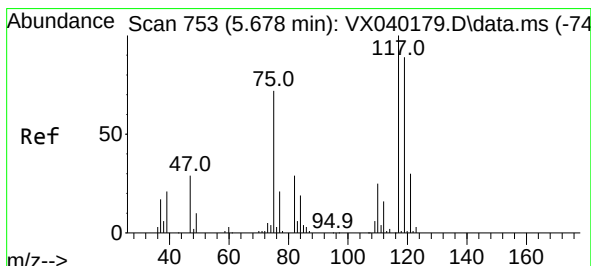
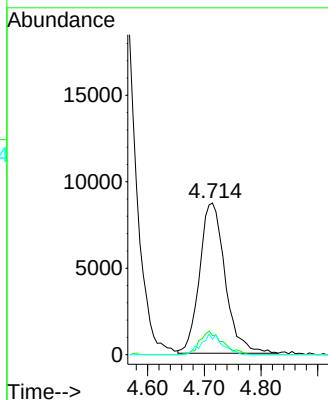
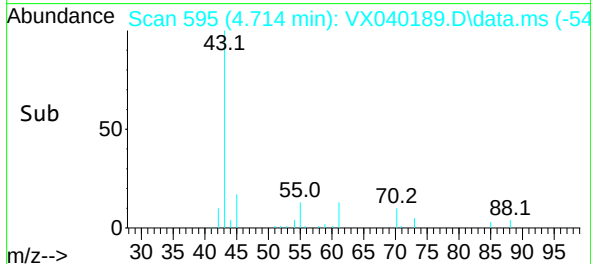
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion: 43 Resp: 27249
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 11.1 8.3 12.5

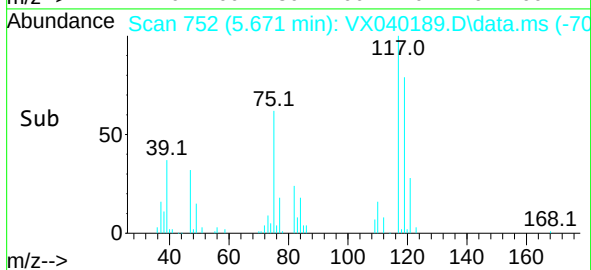
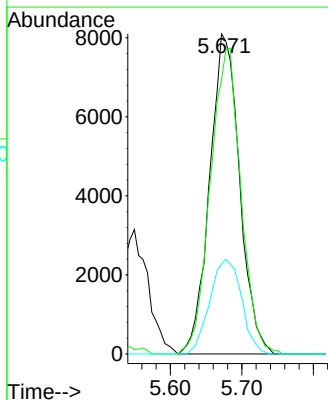
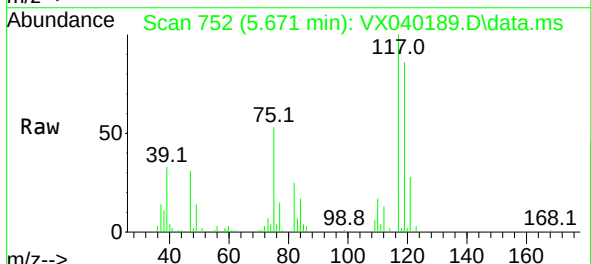
Manual Integrations
APPROVED

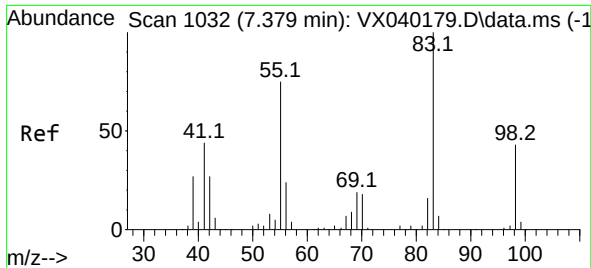
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#38
Carbon Tetrachloride
Concen: 18.481 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion:117 Resp: 23504
Ion Ratio Lower Upper
117 100
119 85.8 78.2 117.2
121 28.1 24.4 36.6





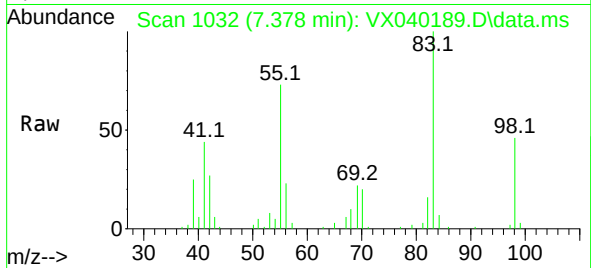
#39
Methylcyclohexane
Concen: 18.846 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01



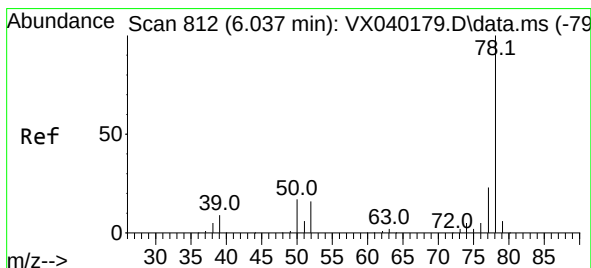
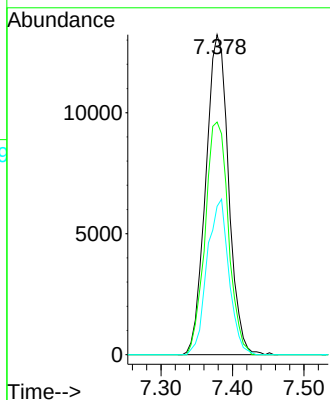
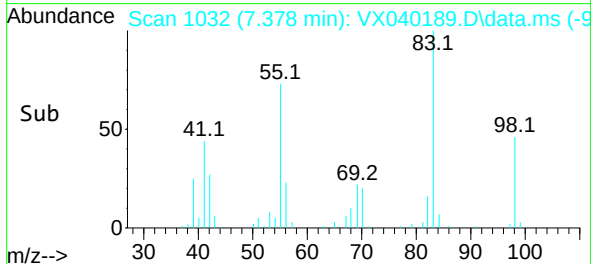
Tgt Ion: 83 Resp: 29290
Ion Ratio Lower Upper
83 100
55 72.7 64.6 97.0
98 46.3 36.7 55.1

Manual Integrations

APPROVED

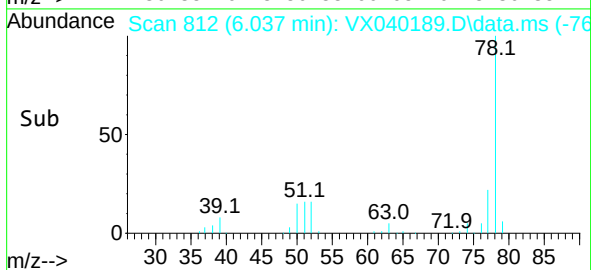
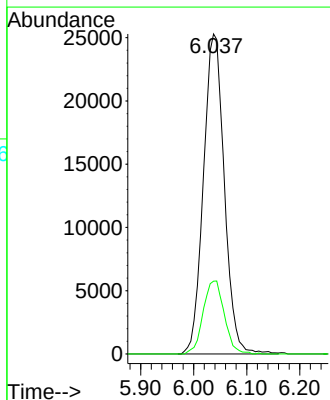
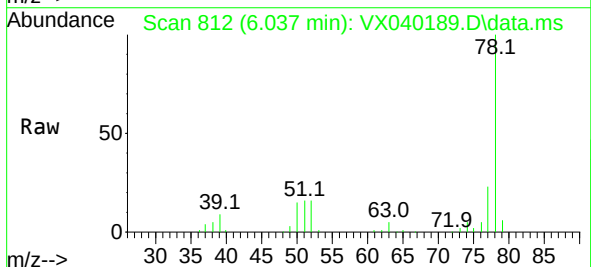
Reviewed By :John Carlone 02/12/2024

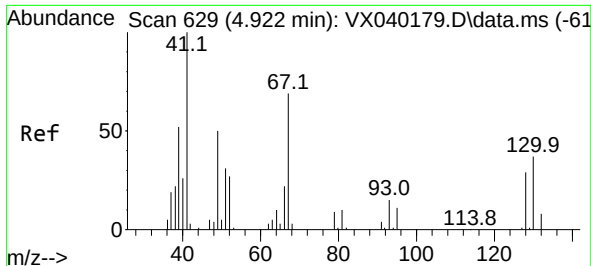
Supervised By :Semsettin Yesilyurt 02/13/2024



#40
Benzene
Concen: 18.512 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

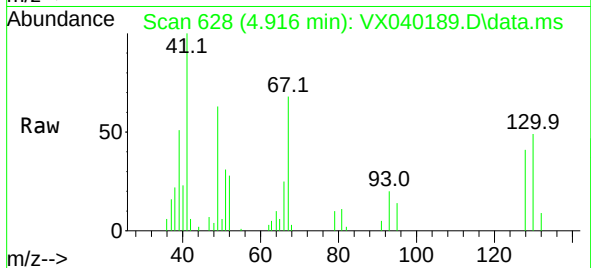
Tgt Ion: 78 Resp: 69246
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 18.604 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

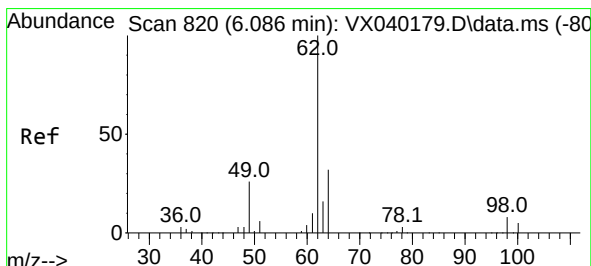
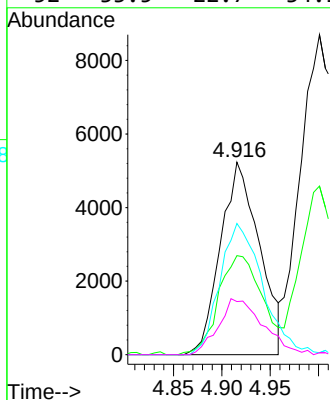
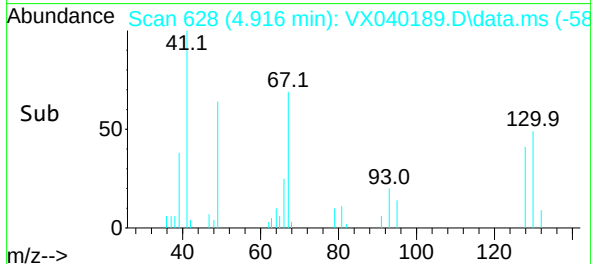
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion: 41 Resp: 14679
Ion Ratio Lower Upper
41 100
39 58.9 45.2 67.8
67 75.1 52.6 78.8
52 33.5 22.7 34.1

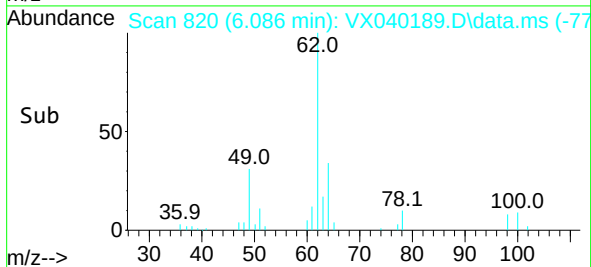
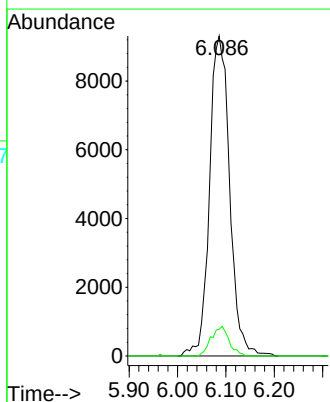
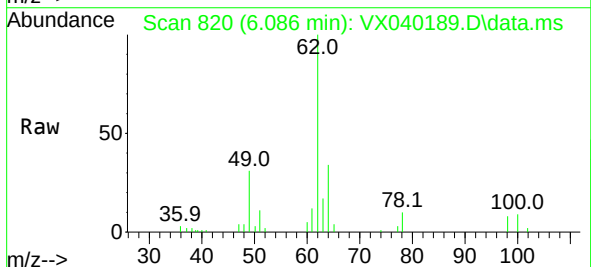
Manual Integrations
APPROVED

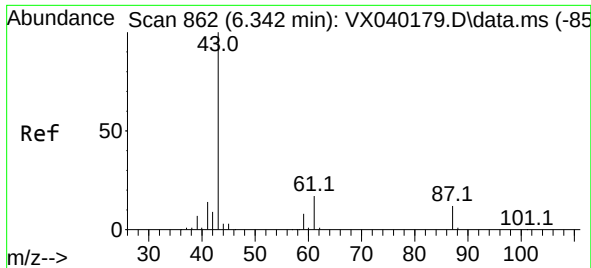
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#42
1,2-Dichloroethane
Concen: 18.398 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

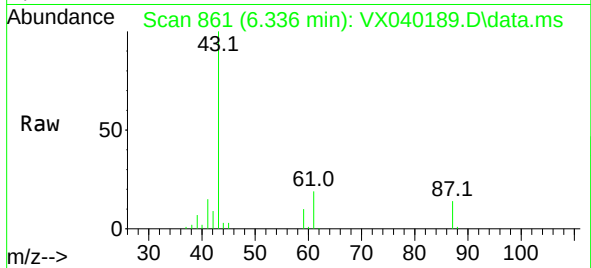
Tgt Ion: 62 Resp: 26899
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 18.724 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

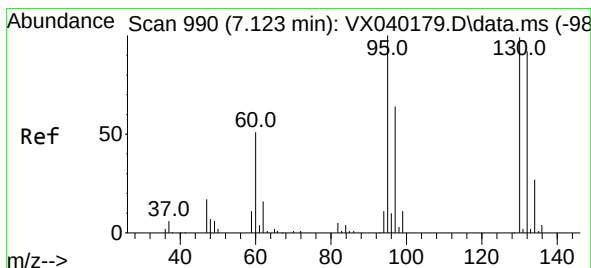
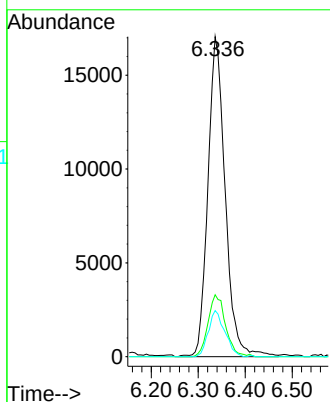
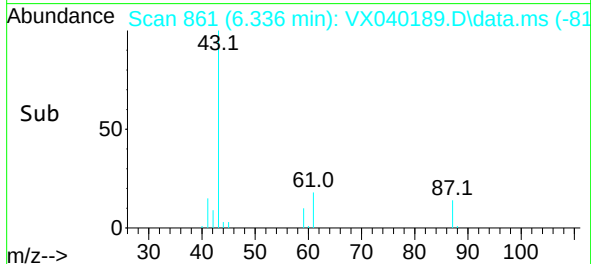
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion: 43 Resp: 4350
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 13.7 9.8 14.6

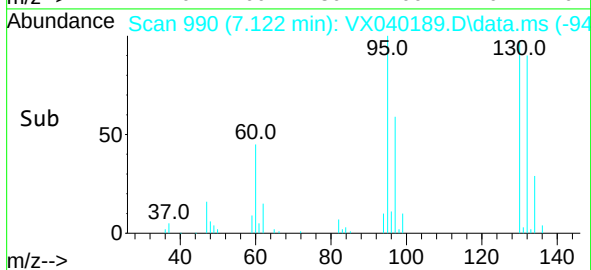
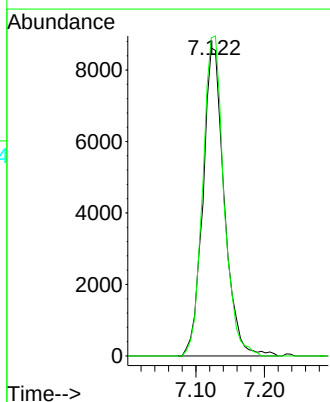
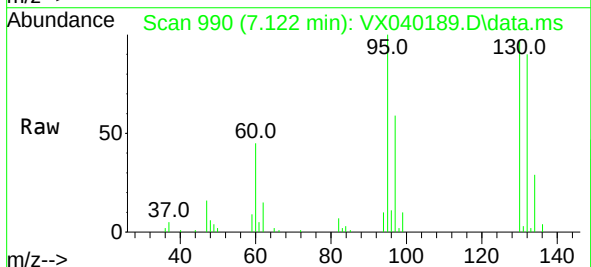
Manual Integrations
APPROVED

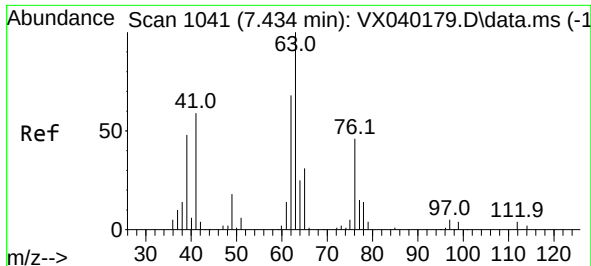
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#44
Trichloroethene
Concen: 18.222 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion:130 Resp: 18801
Ion Ratio Lower Upper
130 100
95 103.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.031 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01

Tgt Ion: 63 Resp: 18529

Ion Ratio Lower Upper

63 100

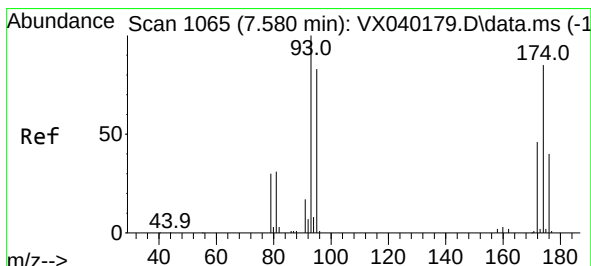
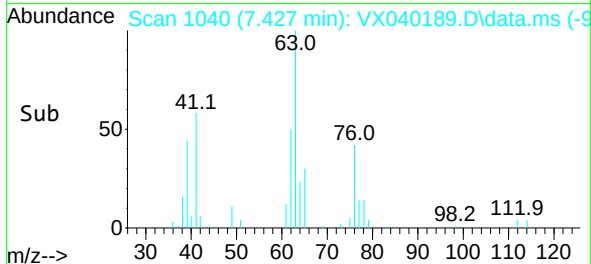
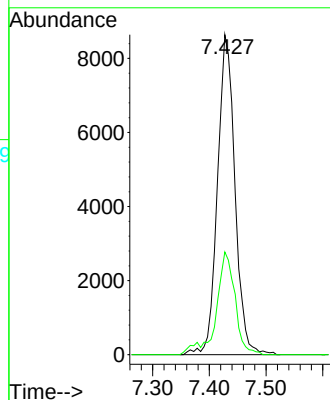
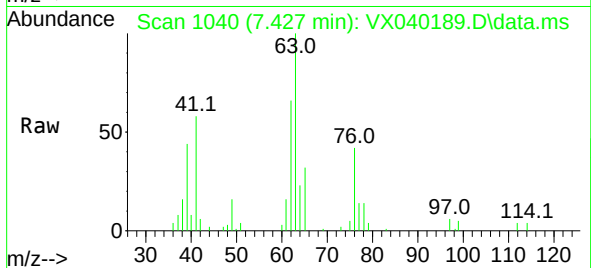
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#46

Dibromomethane

Concen: 19.322 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

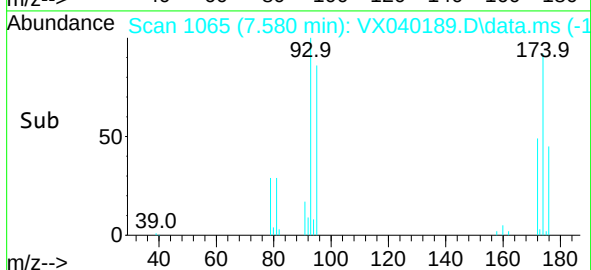
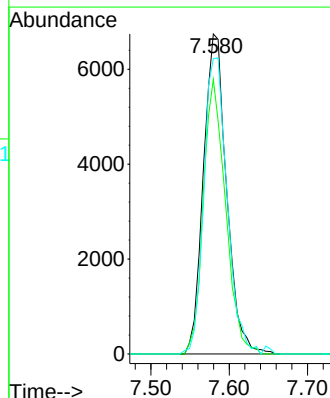
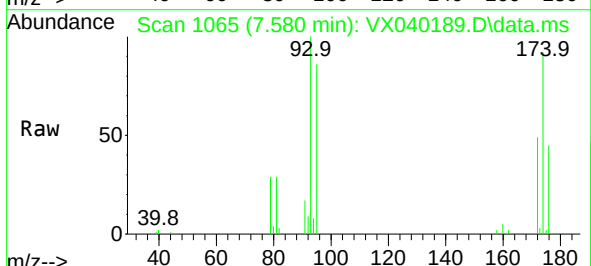
Tgt Ion: 93 Resp: 13855

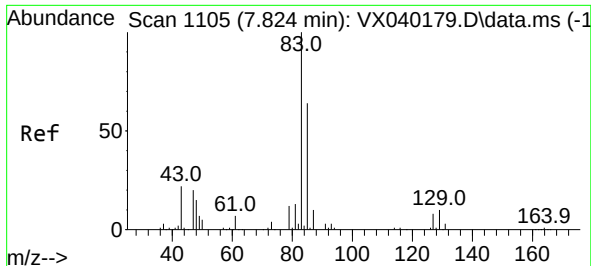
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

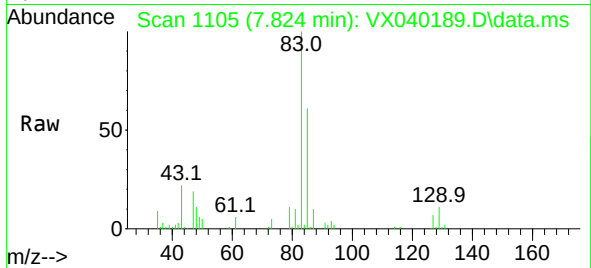
174 92.9 69.4 104.0





#47
Bromodichloromethane
Concen: 19.180 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

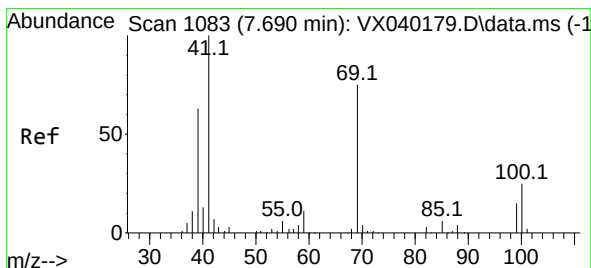
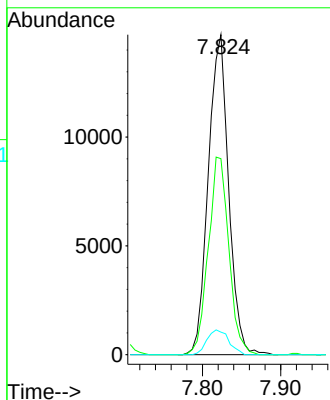
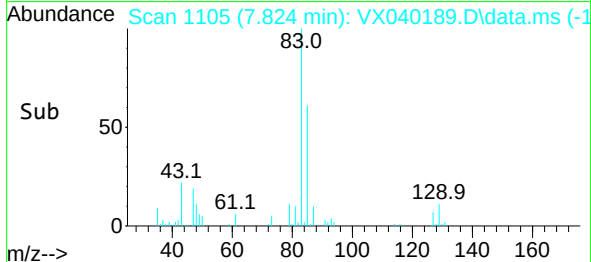
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



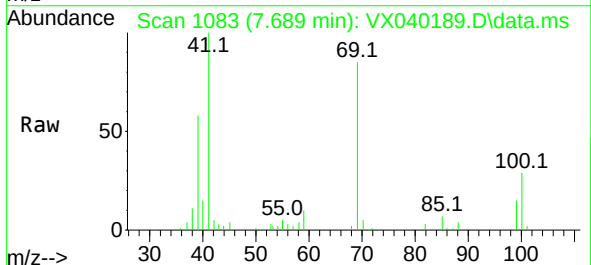
Tgt Ion: 83 Resp: 26499
Ion Ratio Lower Upper
83 100
85 61.2 49.8 74.6
127 7.0 7.1 10.7

Manual Integrations
APPROVED

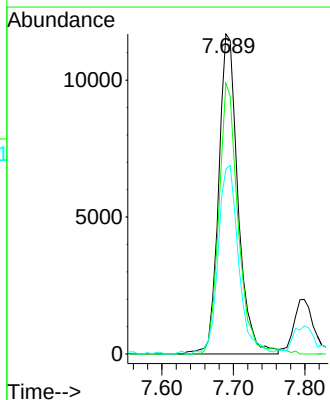
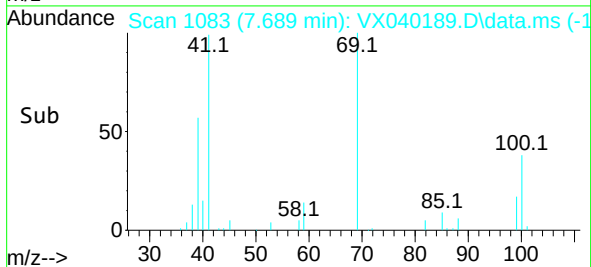
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

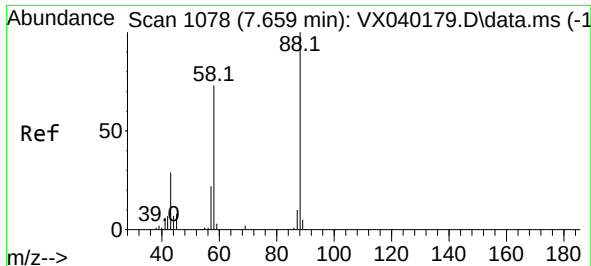


#48
Methyl methacrylate
Concen: 18.468 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



Tgt Ion: 41 Resp: 21956
Ion Ratio Lower Upper
41 100
69 83.9 59.2 88.8
39 62.2 47.7 71.5





#49

1,4-Dioxane

Concen: 381.822 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX040189.D

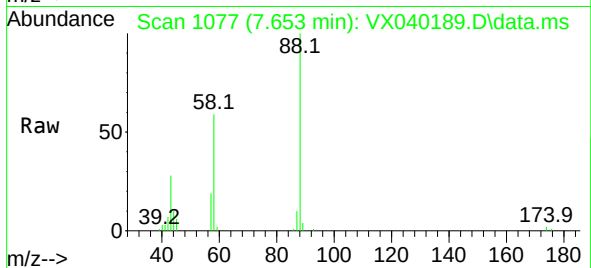
Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01



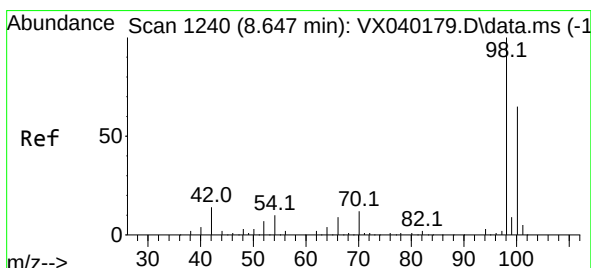
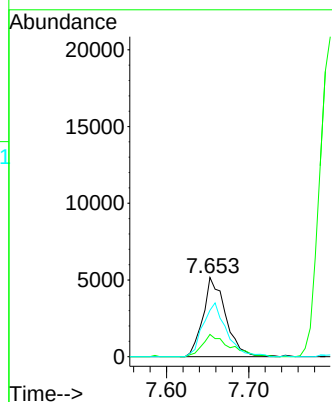
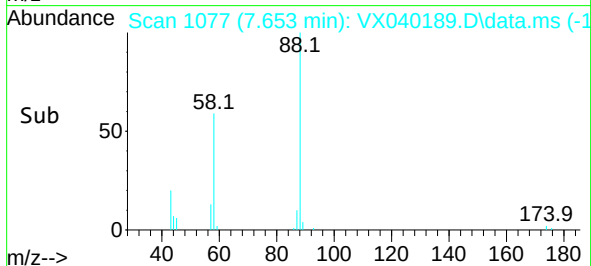
Tgt Ion: 88	Resp: 9875
Ion Ratio	Lower Upper
88	100
43	33.8 0.0 0.0
58	70.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#50

Toluene-d8

Concen: 46.274 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040189.D

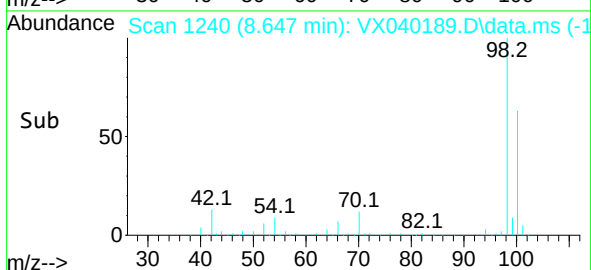
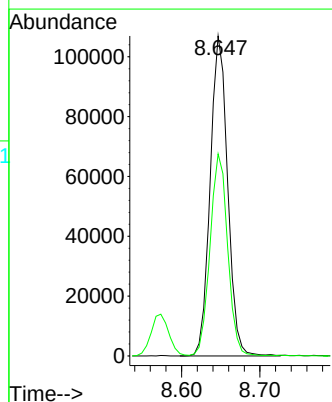
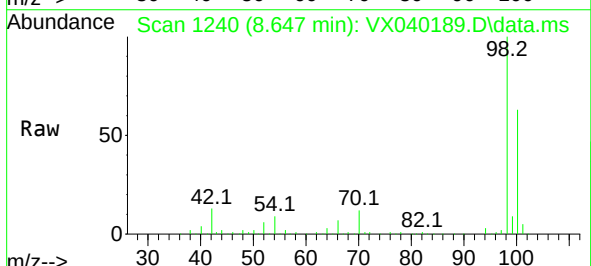
Acq: 12 Feb 2024 11:11

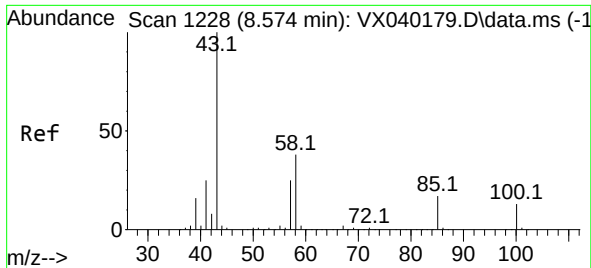
Tgt Ion: 98 Resp: 165284

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7





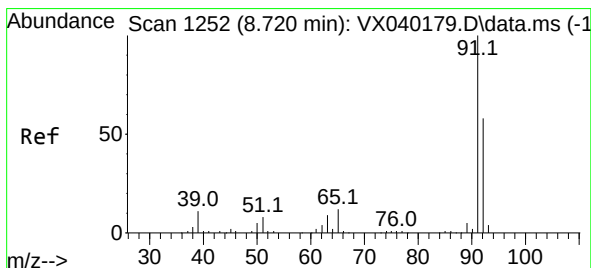
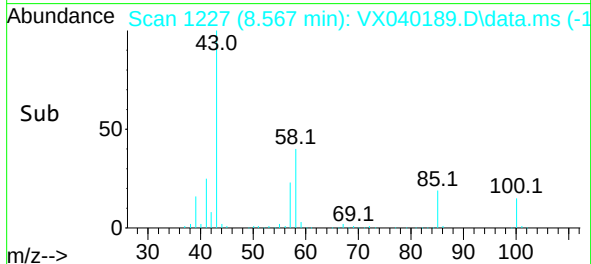
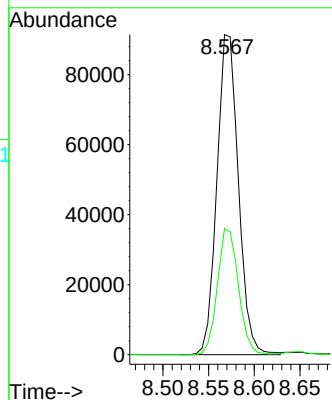
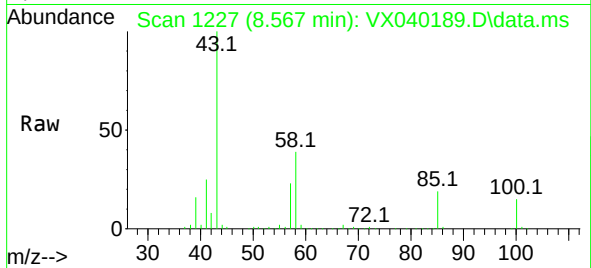
#51
4-Methyl-2-Pentanone
Concen: 94.288 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion: 43 Resp: 14956
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

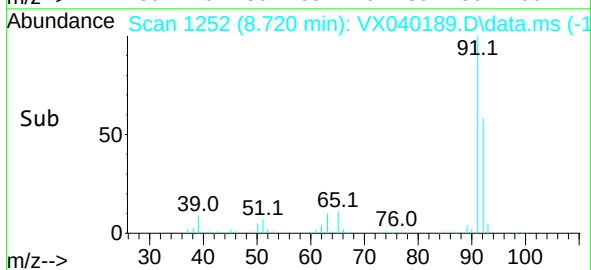
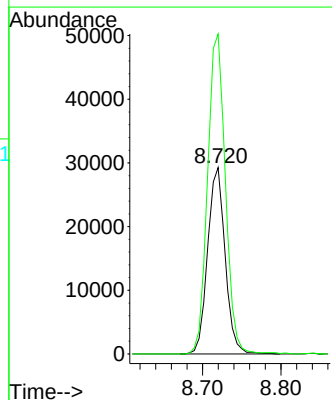
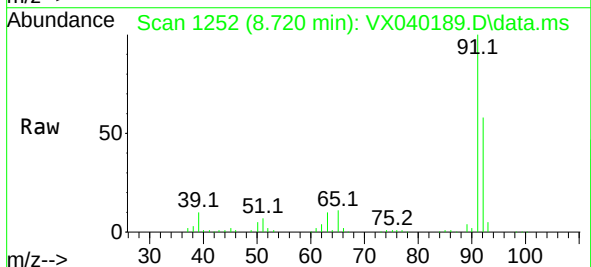
Manual Integrations
APPROVED

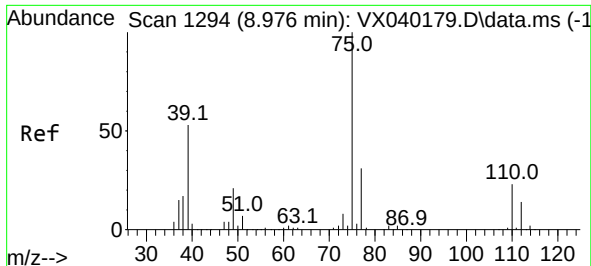
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#52
Toluene
Concen: 18.501 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

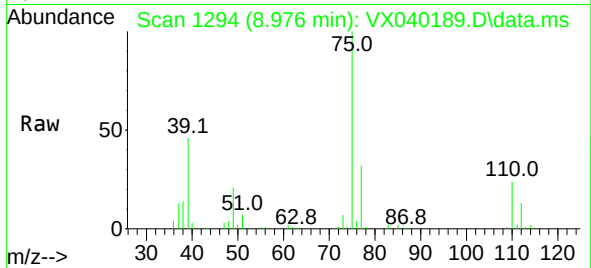
Tgt Ion: 92 Resp: 45330
Ion Ratio Lower Upper
92 100
91 174.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 18.022 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

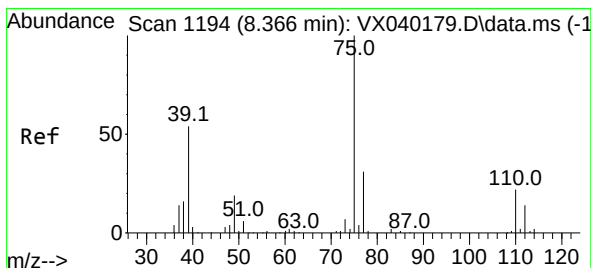
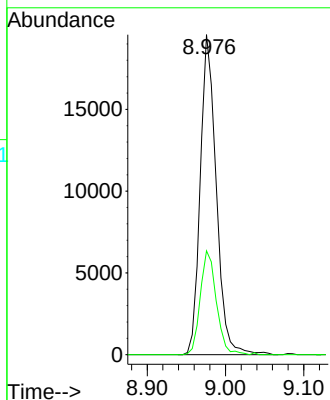
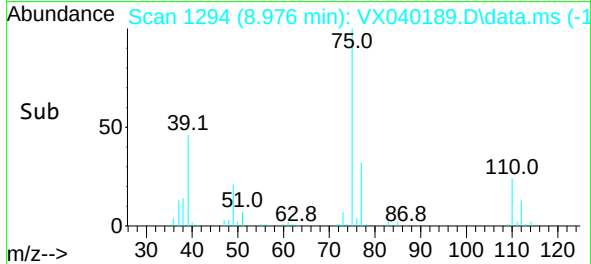
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



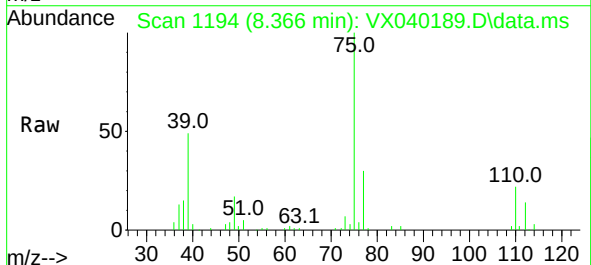
Tgt Ion: 75 Resp: 2775
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5

Manual Integrations
APPROVED

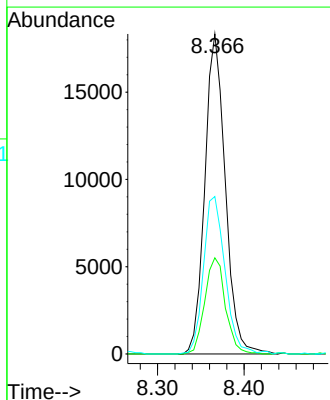
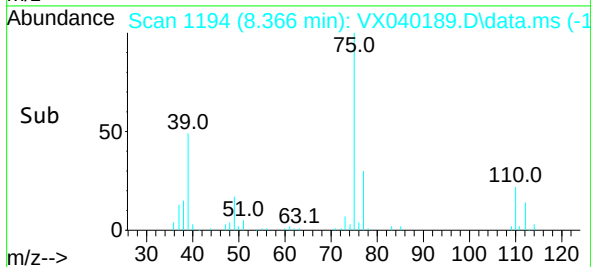
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

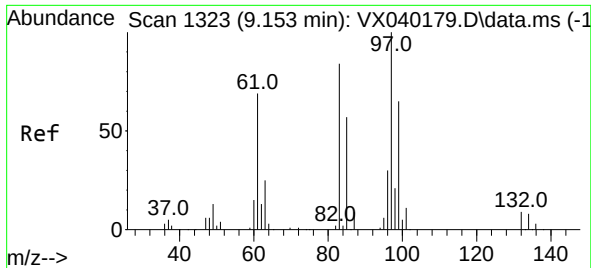


#54
cis-1,3-Dichloropropene
Concen: 19.428 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



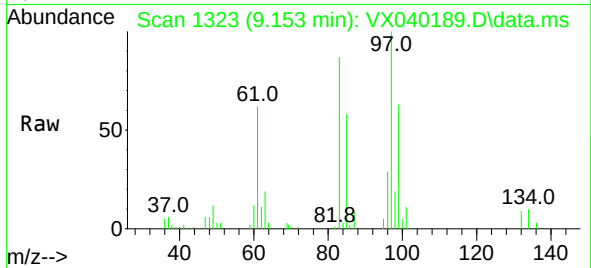
Tgt Ion: 75 Resp: 30083
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9
39 49.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 18.695 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

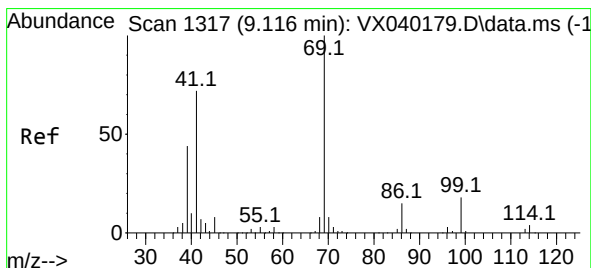
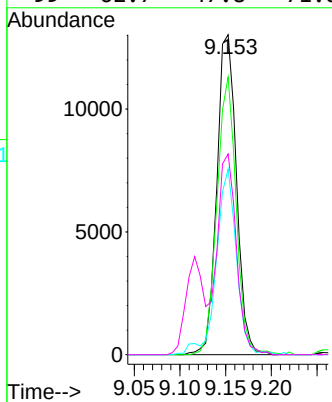
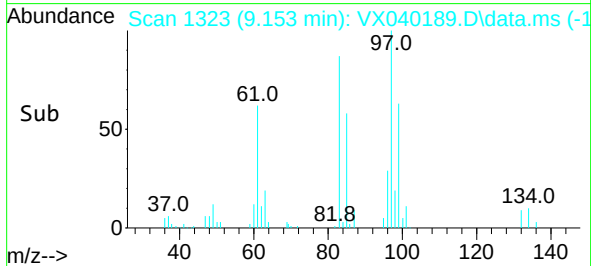
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion:	97	Resp:	1953
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.8
85	58.0	41.6	62.4
99	62.7	47.8	71.8

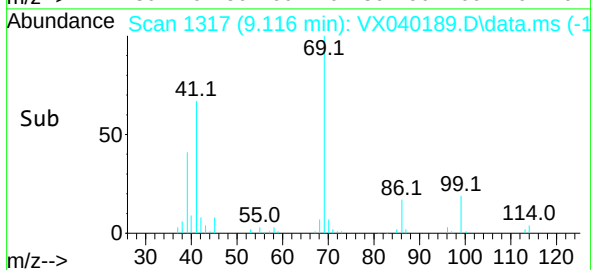
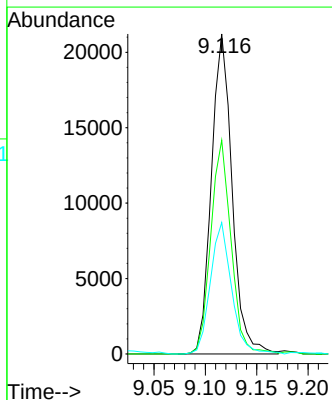
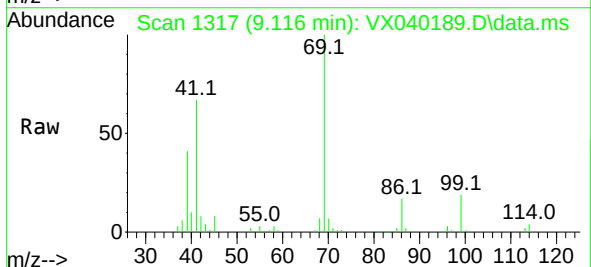
Manual Integrations
APPROVED

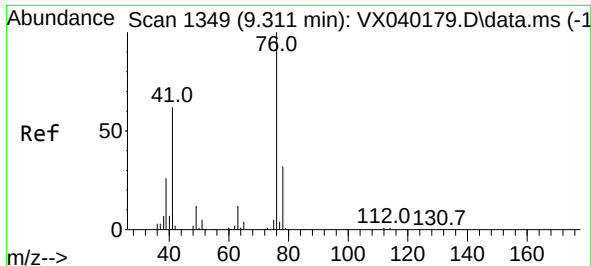
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#56
Ethyl methacrylate
Concen: 18.992 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion:	69	Resp:	29711
Ion	Ratio	Lower	Upper
69	100		
41	65.4	56.8	85.2
39	41.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 18.917 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01

Tgt Ion: 76 Resp: 3226

Ion Ratio Lower Upper

76 100

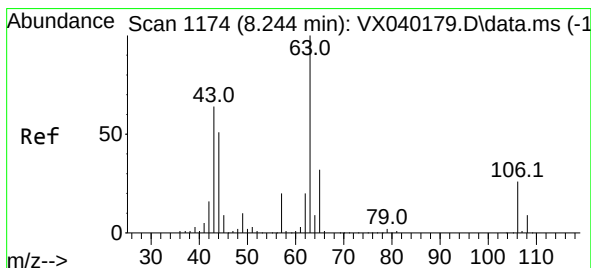
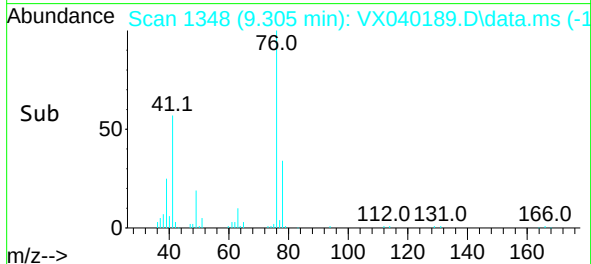
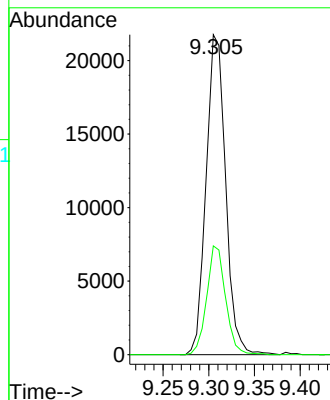
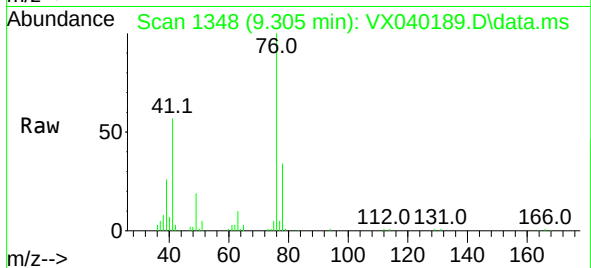
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 89.916 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040189.D

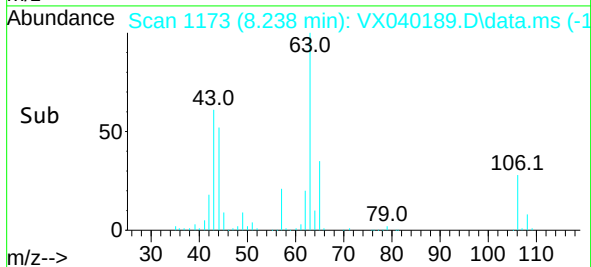
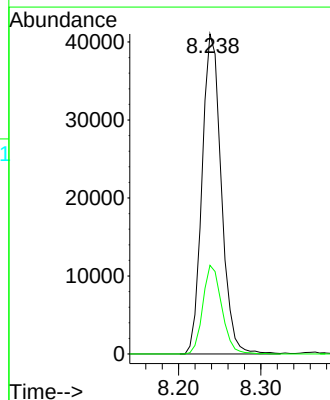
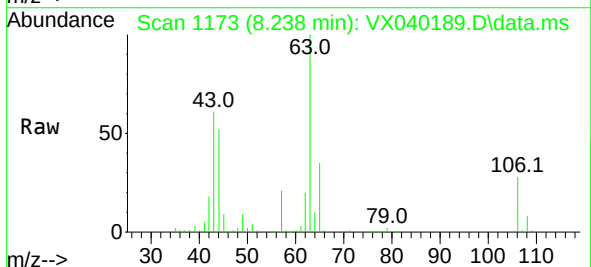
Acq: 12 Feb 2024 11:11

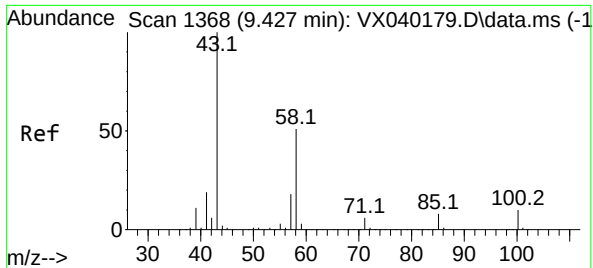
Tgt Ion: 63 Resp: 66544

Ion Ratio Lower Upper

63 100

106 27.3 22.5 33.7





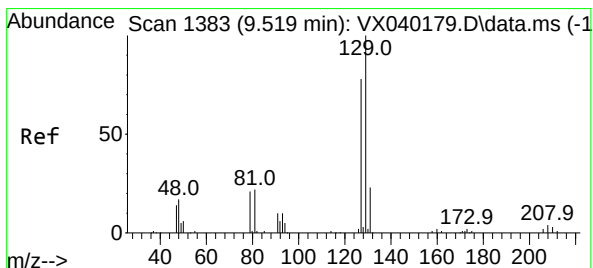
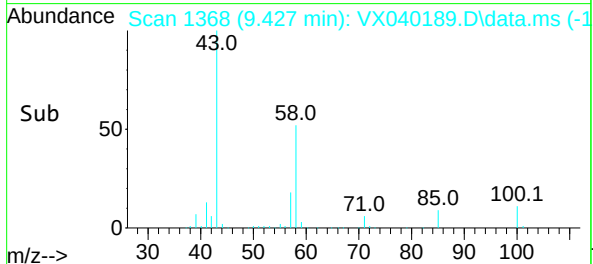
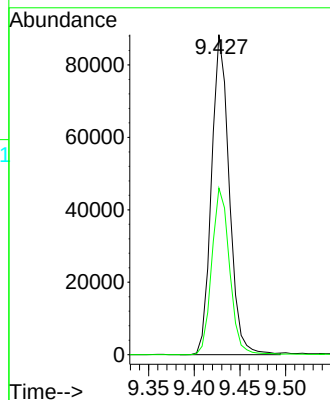
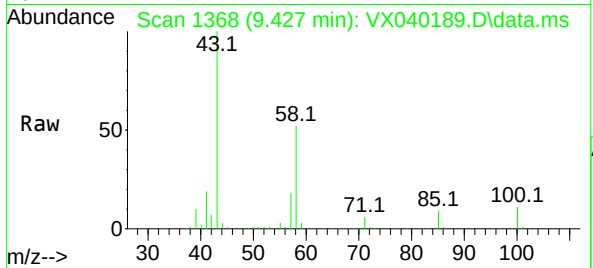
#59
2-Hexanone
Concen: 94.514 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion: 43 Resp: 118869
Ion Ratio Lower Upper
43 100
58 52.4 26.2 78.5

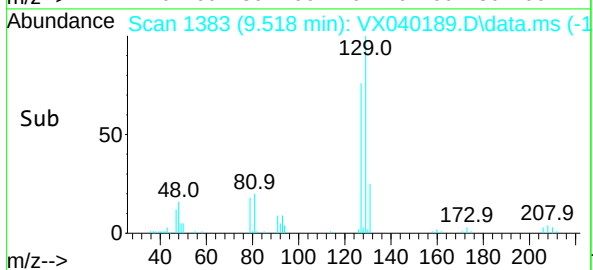
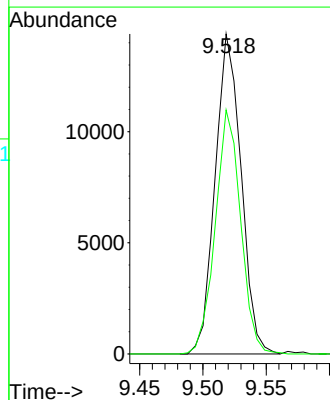
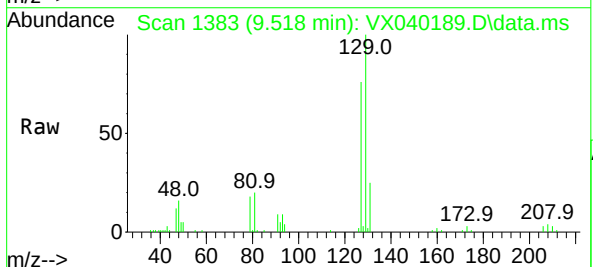
Manual Integrations
APPROVED

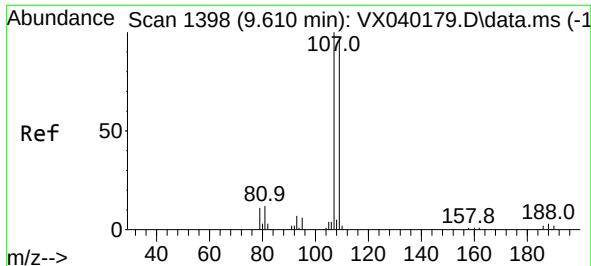
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#60
Dibromochloromethane
Concen: 19.281 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

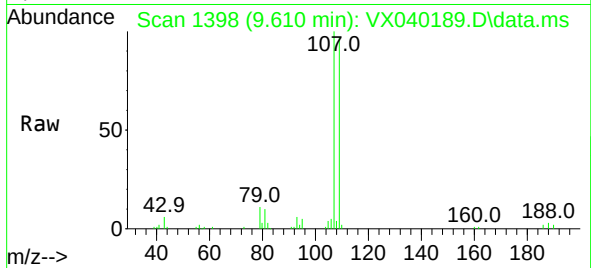
Tgt Ion:129 Resp: 20528
Ion Ratio Lower Upper
129 100
127 74.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.608 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

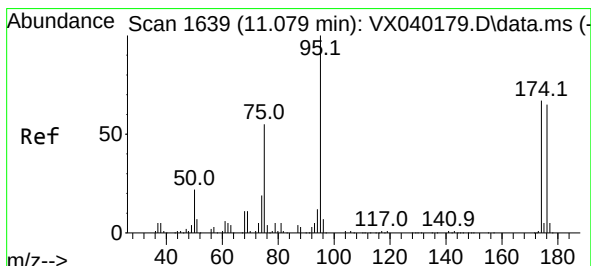
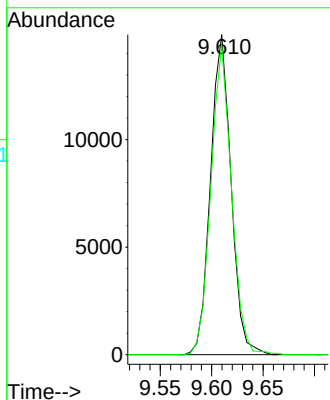
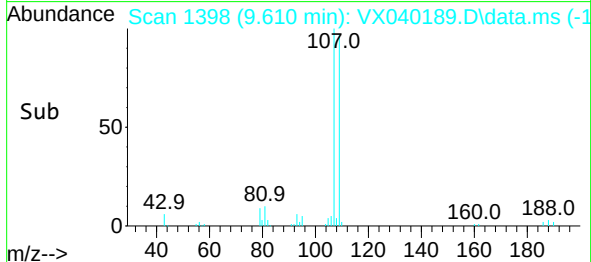
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion:107 Resp: 20669
Ion Ratio Lower Upper
107 100
109 97.0 75.2 112.8

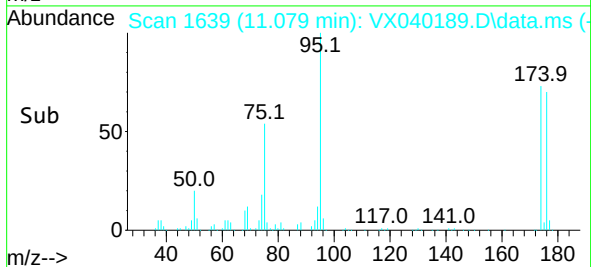
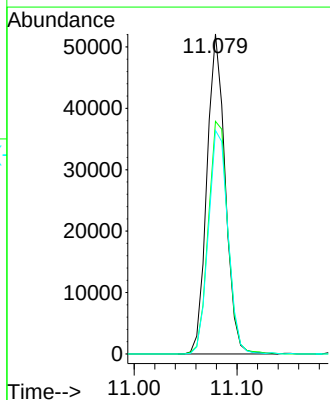
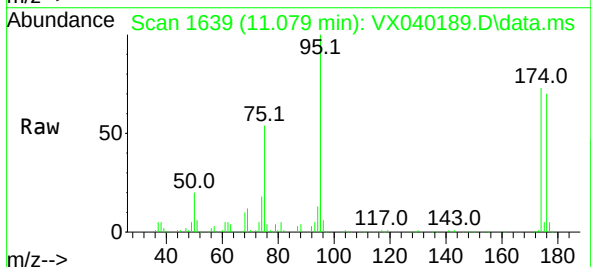
Manual Integrations
APPROVED

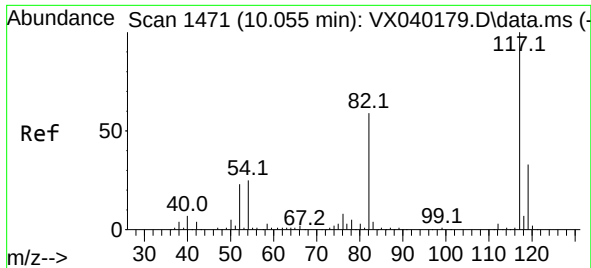
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#62
4-Bromofluorobenzene
Concen: 44.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

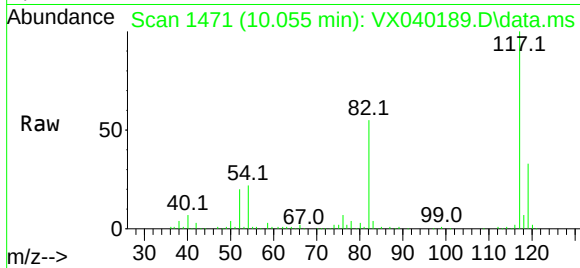
Tgt Ion: 95 Resp: 64576
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

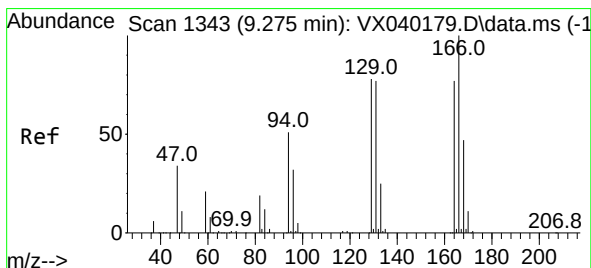
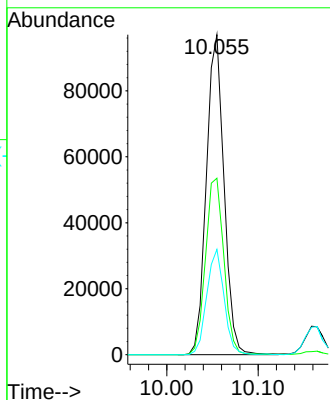
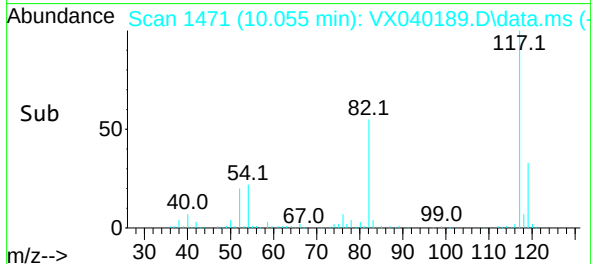
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion:117 Resp: 12963
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.9 25.5 38.3

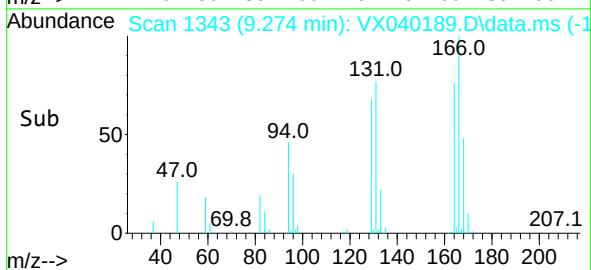
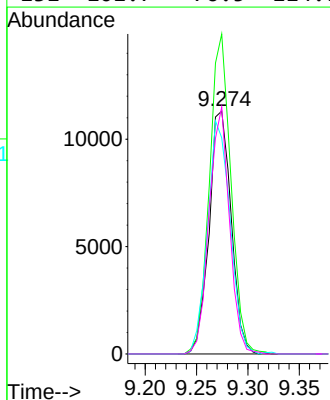
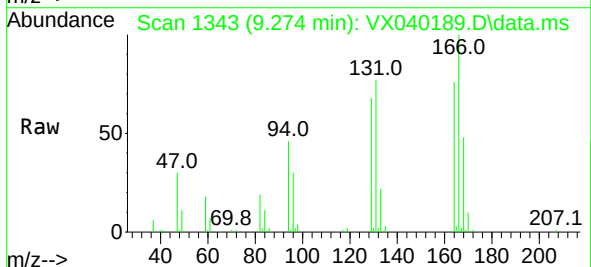
Manual Integrations
APPROVED

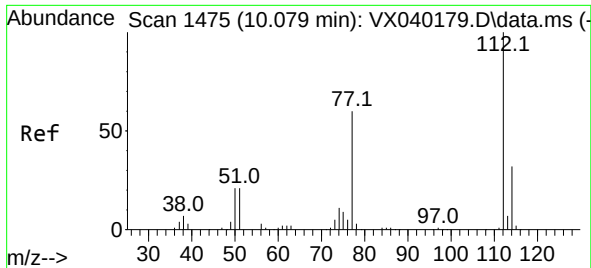
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#64
Tetrachloroethene
Concen: 18.615 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion:164 Resp: 16910
Ion Ratio Lower Upper
164 100
166 131.7 102.7 154.1
129 89.0 80.4 120.6
131 101.7 76.5 114.7





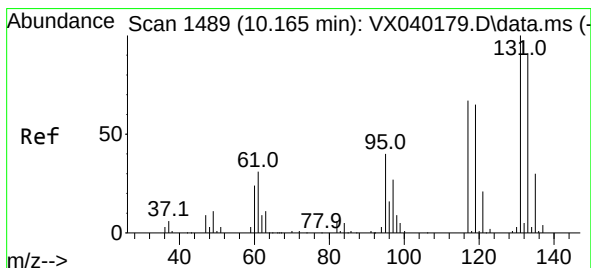
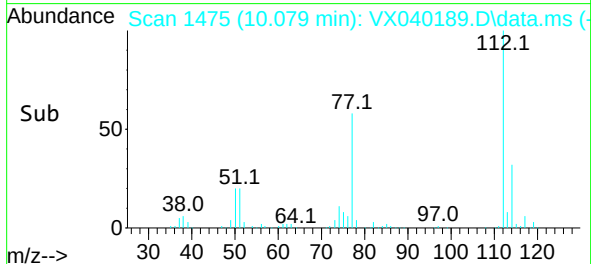
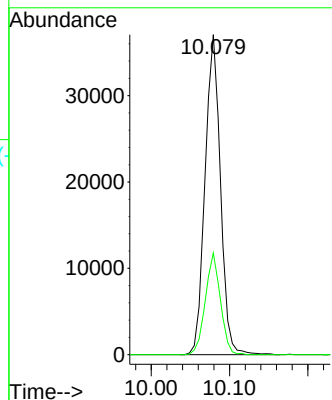
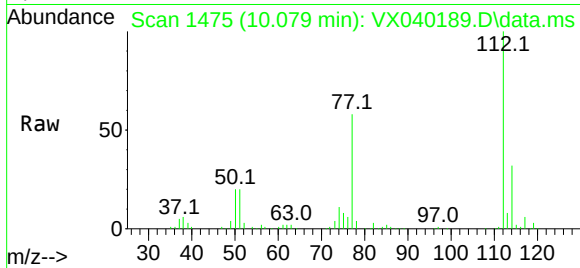
#65
Chlorobenzene
Concen: 18.678 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion:112 Resp: 5053
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

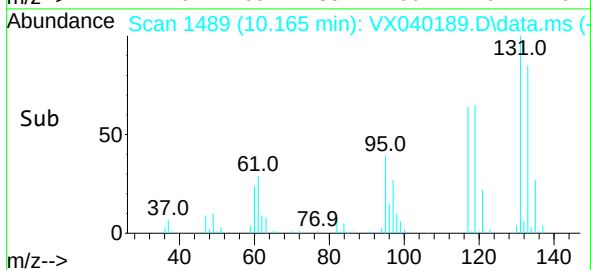
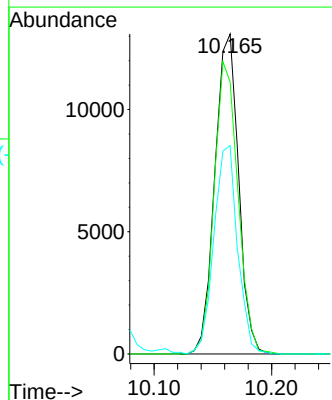
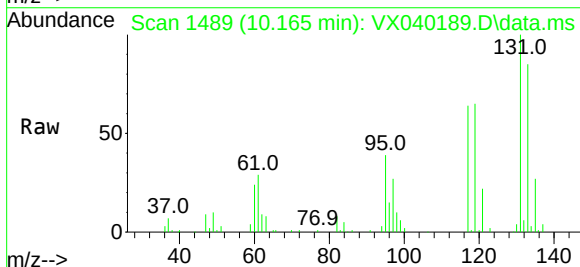
Manual Integrations
APPROVED

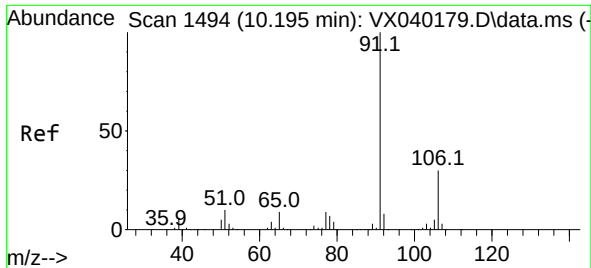
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.559 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

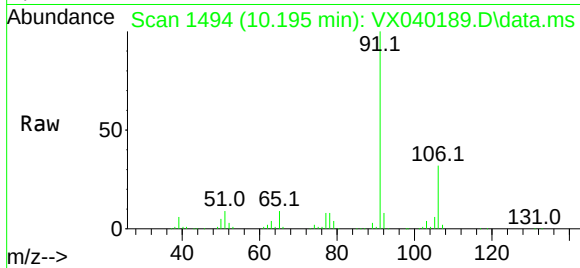
Tgt Ion:131 Resp: 18327
Ion Ratio Lower Upper
131 100
133 91.7 47.1 141.4
119 65.1 32.2 96.6





#67
Ethyl Benzene
Concen: 18.790 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

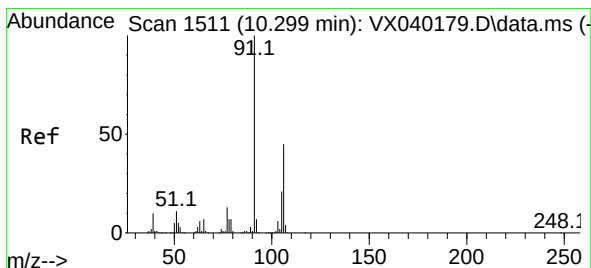
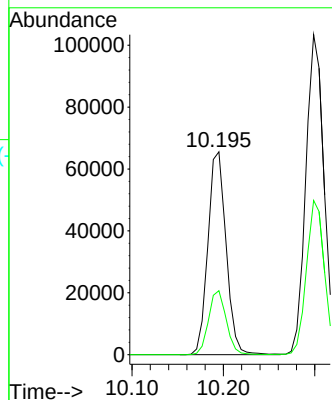
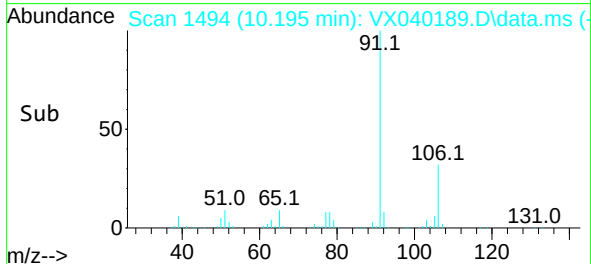
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion: 91 Resp: 9054
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

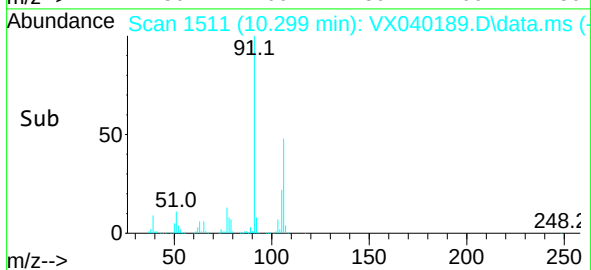
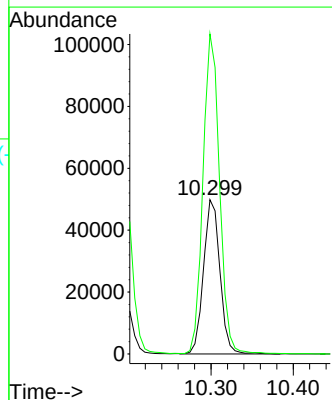
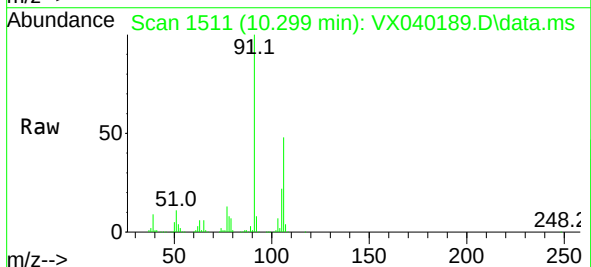
Manual Integrations
APPROVED

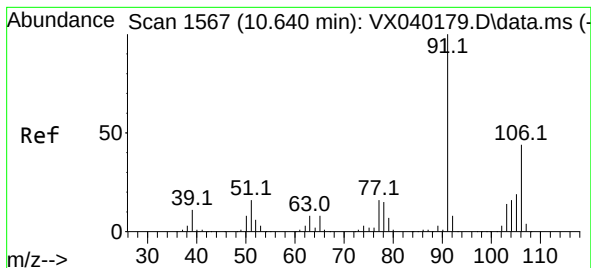
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#68
m/p-Xylenes
Concen: 37.970 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

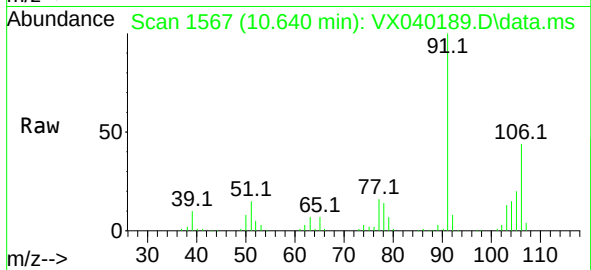
Tgt Ion:106 Resp: 69098
Ion Ratio Lower Upper
106 100
91 209.0 165.5 248.3





#69
o-Xylene
Concen: 19.187 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

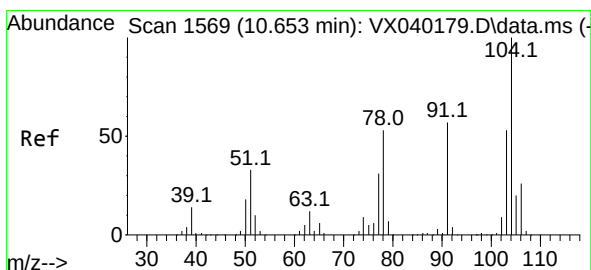
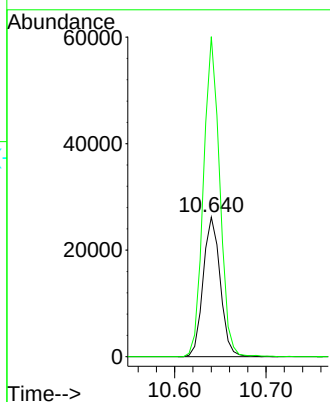
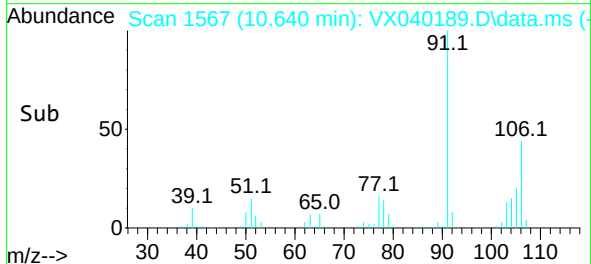
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion:106 Resp: 3393
Ion Ratio Lower Upper
106 100
91 218.3 108.9 326.8

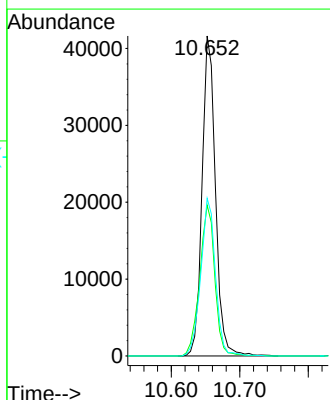
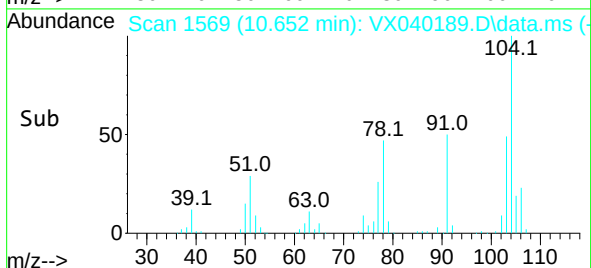
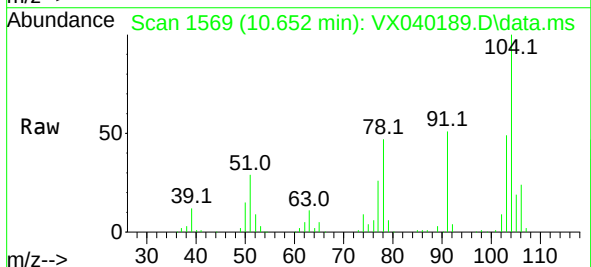
Manual Integrations
APPROVED

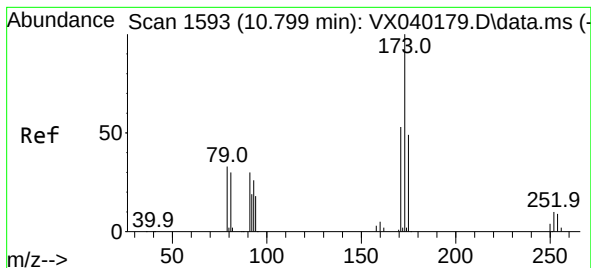
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#70
Styrene
Concen: 19.309 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion:104 Resp: 56773
Ion Ratio Lower Upper
104 100
78 53.0 43.6 65.4
103 54.0 43.6 65.4





#71

Bromoform

Concen: 18.691 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01

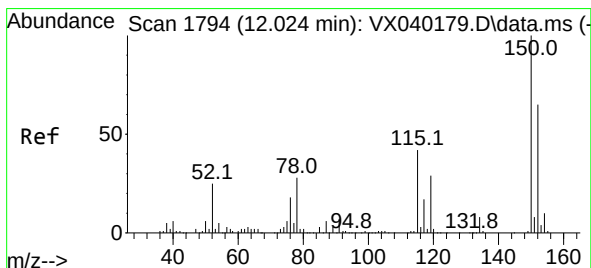
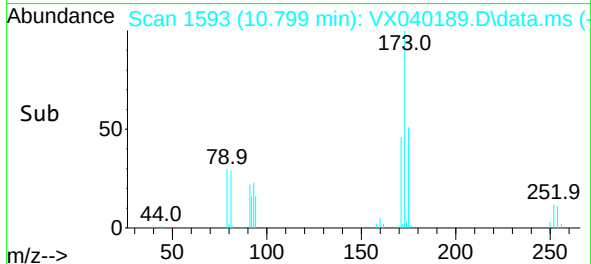
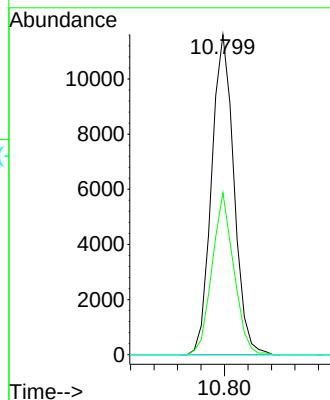
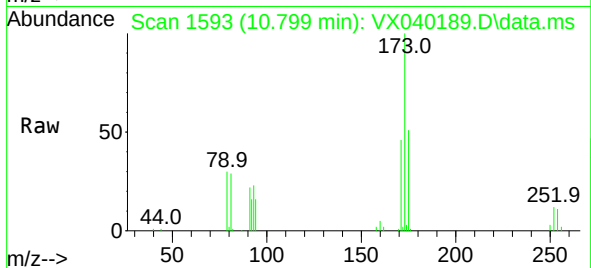
Tgt Ion:	173	Resp:	1533
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

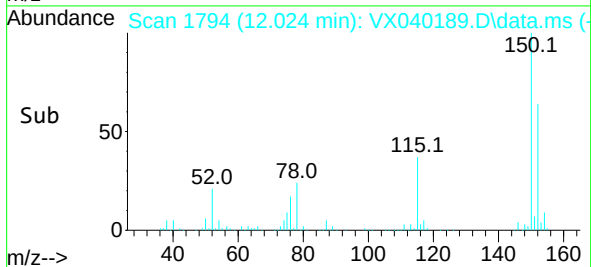
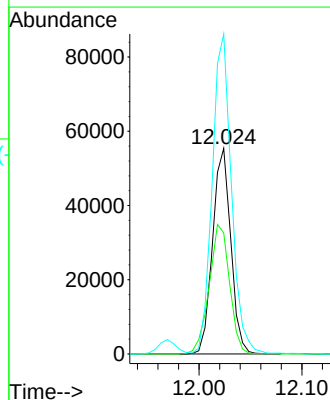
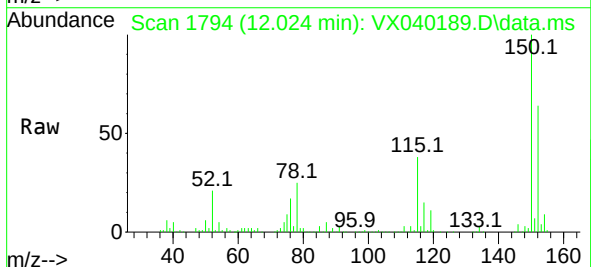
RT: 12.024 min Scan# 1794

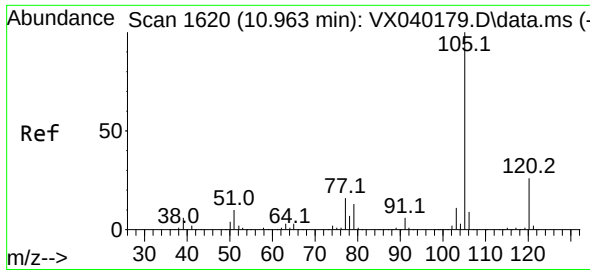
Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Tgt Ion:	152	Resp:	67978
Ion Ratio	Lower	Upper	
152	100		
115	70.6	43.3	129.9
150	164.7	0.0	345.0





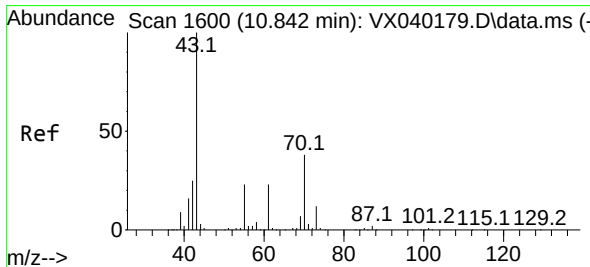
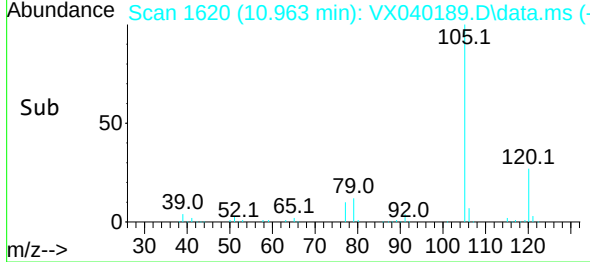
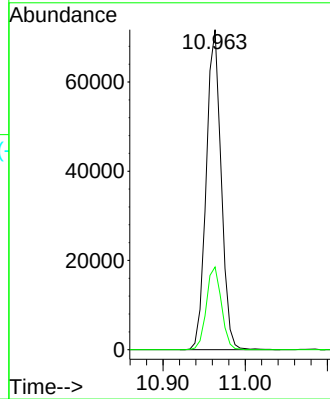
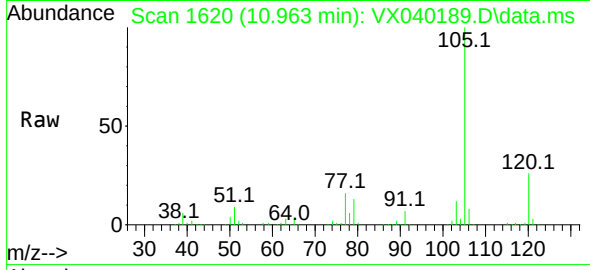
#73
Isopropylbenzene
Concen: 18.859 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion:105 Resp: 90295
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

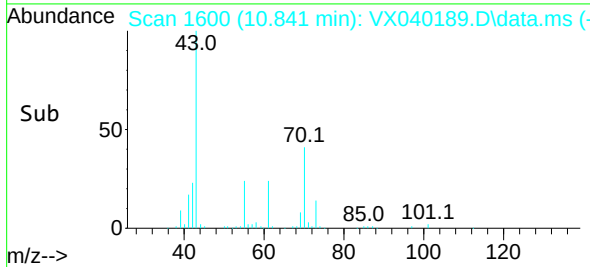
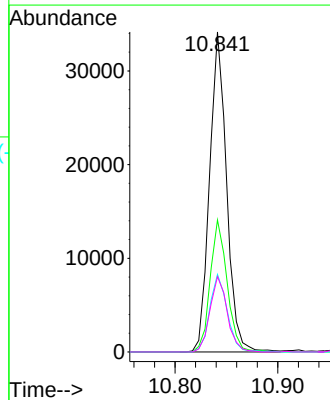
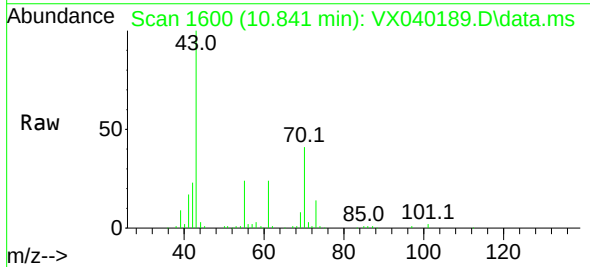
Manual Integrations
APPROVED

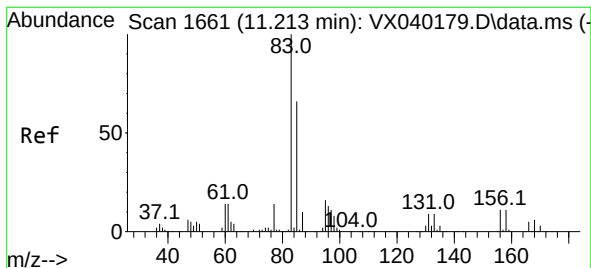
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#74
N-ethyl acetate
Concen: 19.164 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion: 43 Resp: 39331
Ion Ratio Lower Upper
43 100
70 41.2 32.9 49.3
55 24.9 19.3 28.9
61 23.9 18.8 28.2





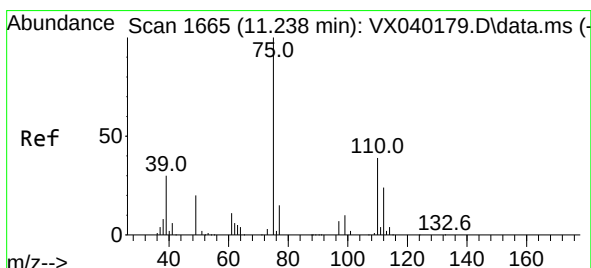
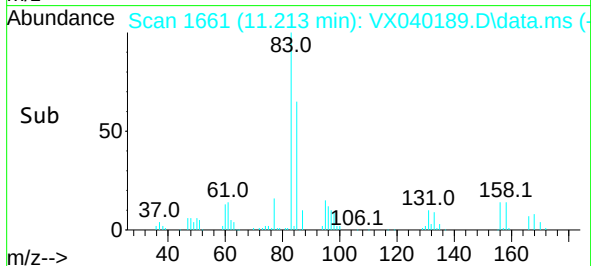
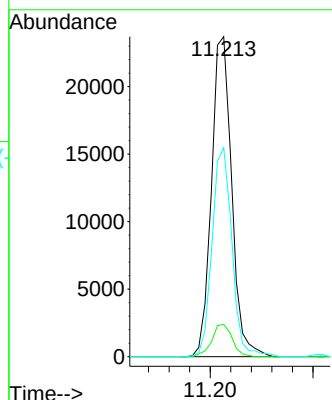
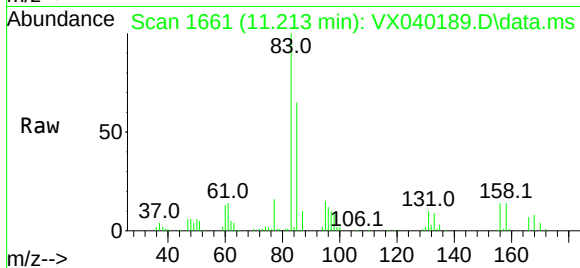
#75
1,1,2,2-Tetrachloroethane
Concen: 18.773 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion: 83 Resp: 3229
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.0 32.0 96.2

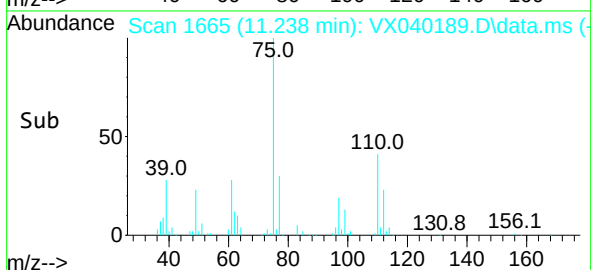
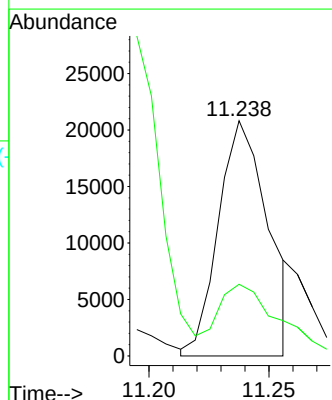
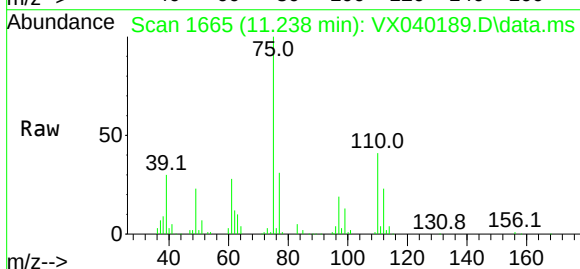
Manual Integrations
APPROVED

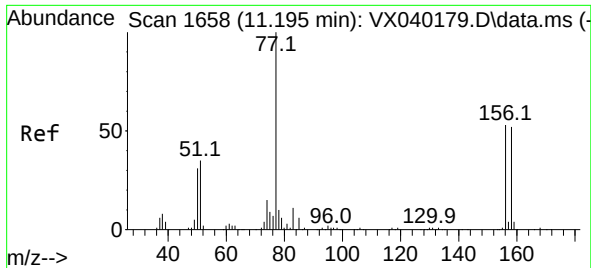
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#76
1,2,3-Trichloropropane
Concen: 21.799 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

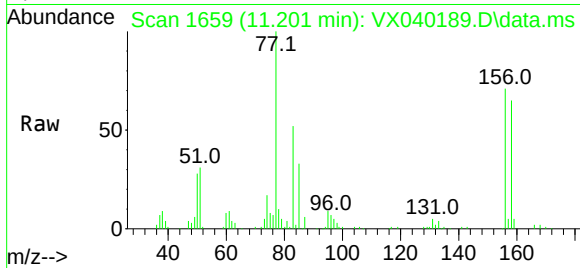
Tgt Ion: 75 Resp: 30008
Ion Ratio Lower Upper
75 100
77 38.1 19.1 57.5





#77
Bromobenzene
Concen: 19.331 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

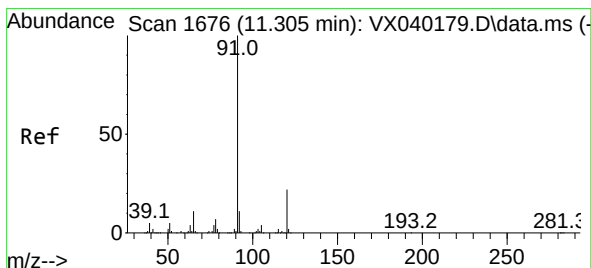
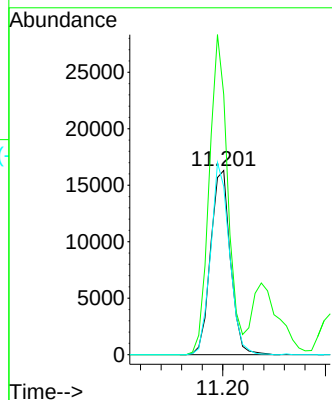
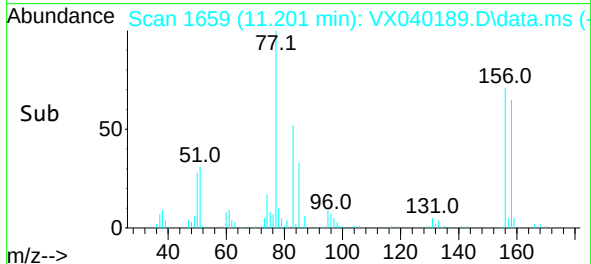
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



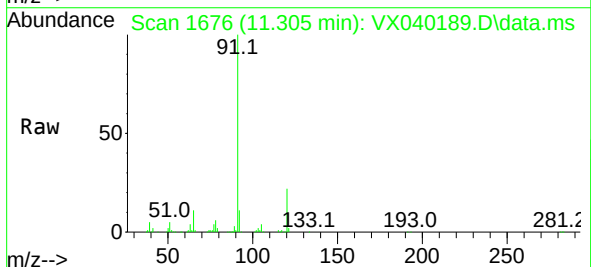
Tgt Ion:156 Resp: 21860
Ion Ratio Lower Upper
156 100
77 162.1 88.4 265.3
158 99.6 48.0 144.0

Manual Integrations
APPROVED

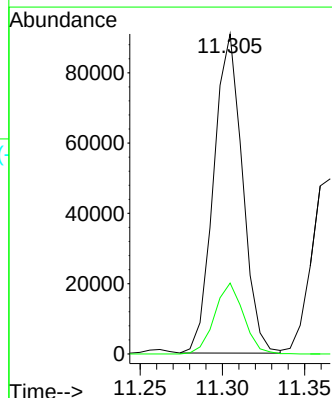
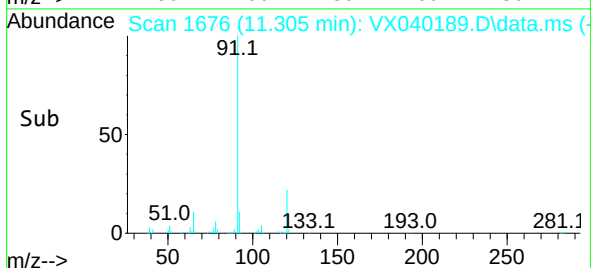
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

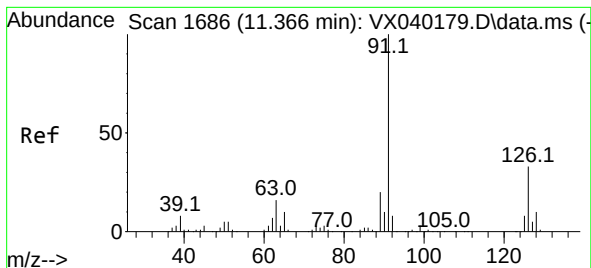


#78
n-propylbenzene
Concen: 19.104 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



Tgt Ion: 91 Resp: 110737
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





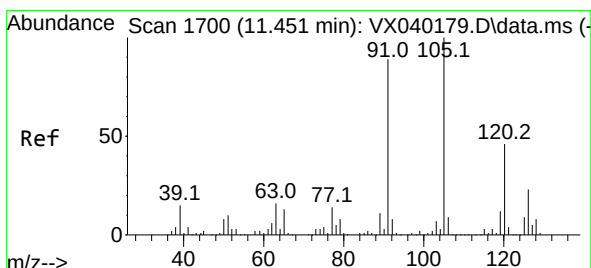
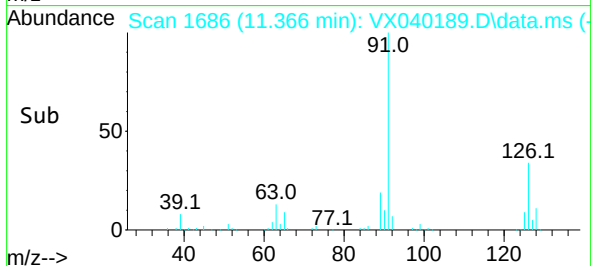
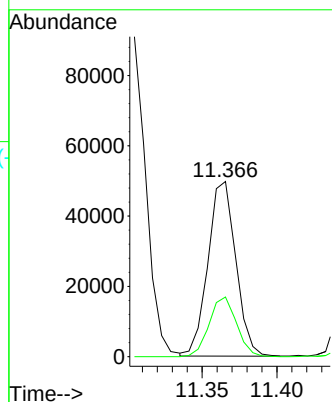
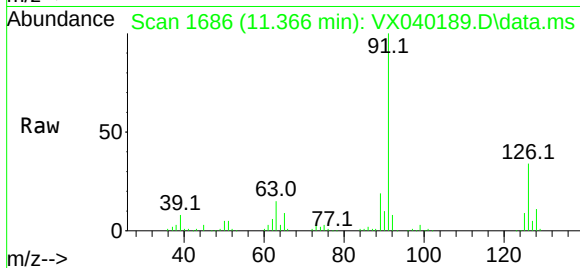
#79
2-Chlorotoluene
Concen: 18.399 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01

Tgt Ion: 91 Resp: 6440
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

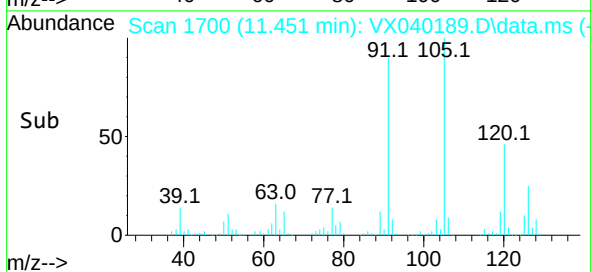
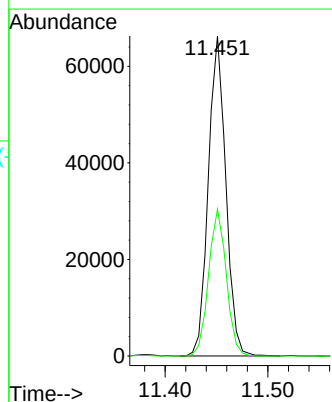
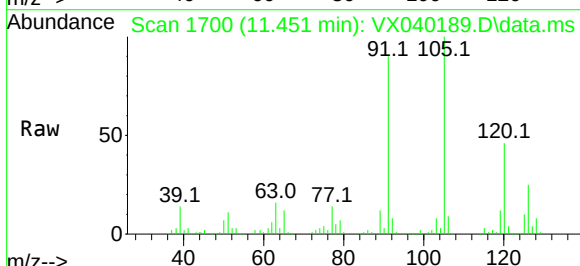
Manual Integrations
APPROVED

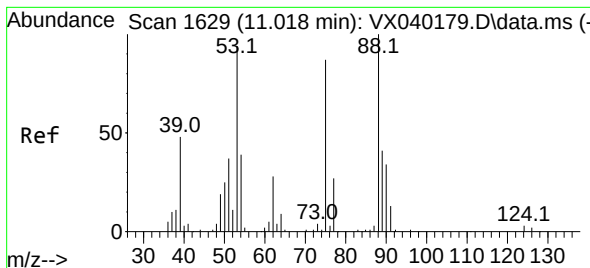
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.494 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

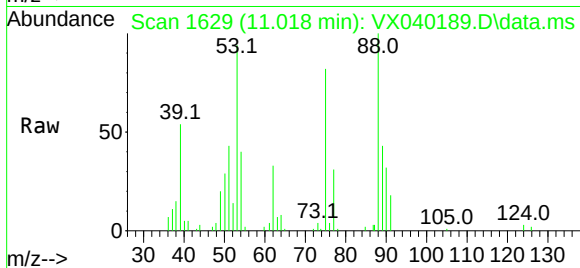
Tgt Ion:105 Resp: 78578
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.977 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

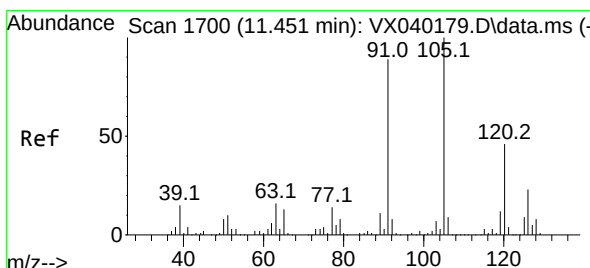
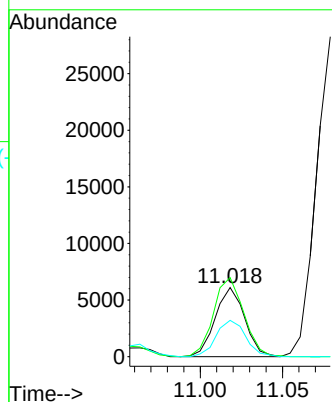
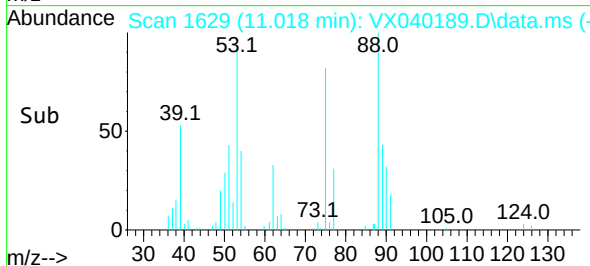
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



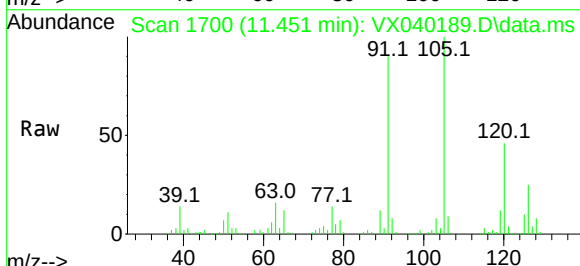
Tgt Ion: 75 Resp: 761
Ion Ratio Lower Upper
75 100
53 117.7 90.5 135.7
89 52.9 36.9 55.3

Manual Integrations
APPROVED

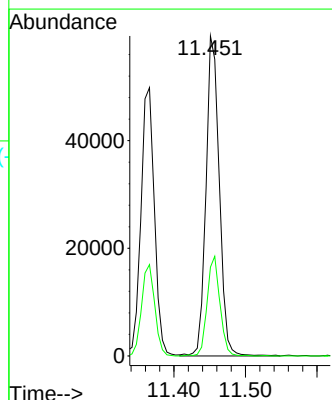
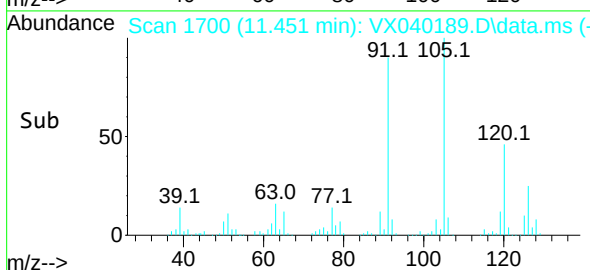
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

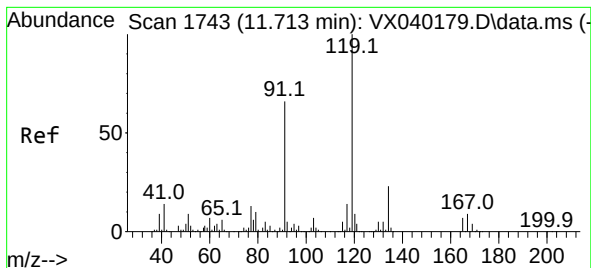


#82
4-Chlorotoluene
Concen: 18.541 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



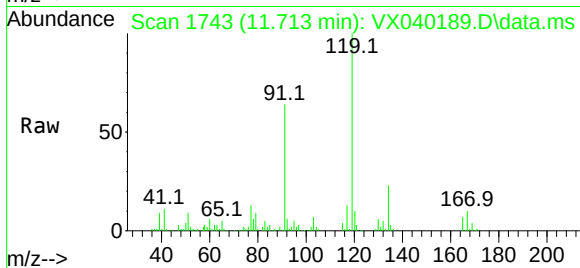
Tgt Ion: 91 Resp: 76894
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.084 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

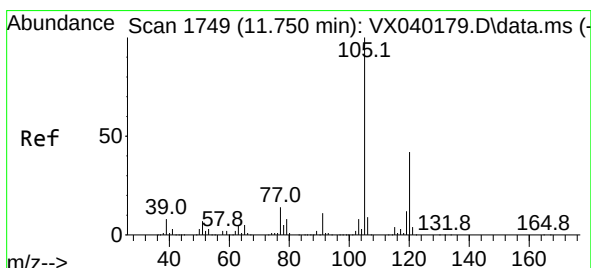
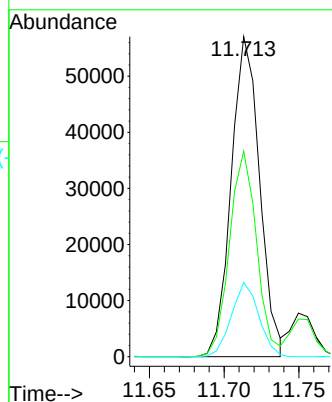
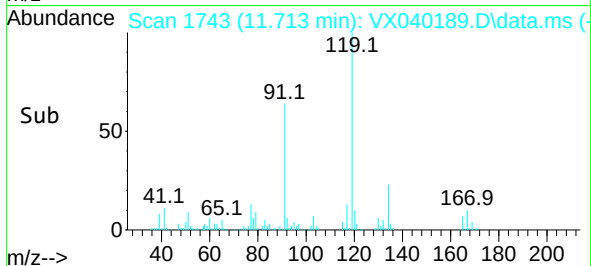
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



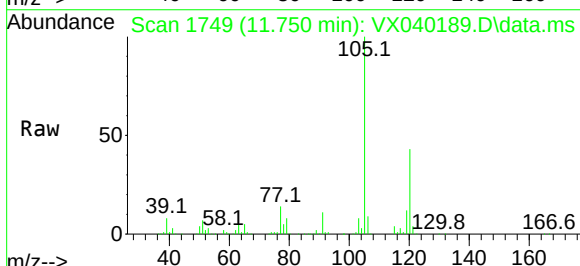
Tgt Ion:119 Resp: 75417
Ion Ratio Lower Upper
119 100
91 61.4 31.2 93.6
134 22.4 11.7 35.0

Manual Integrations
APPROVED

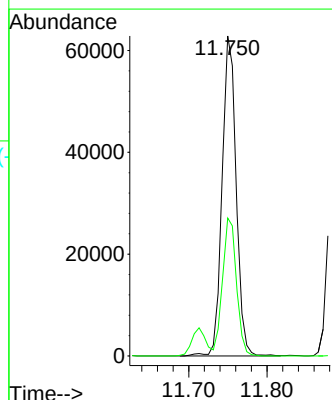
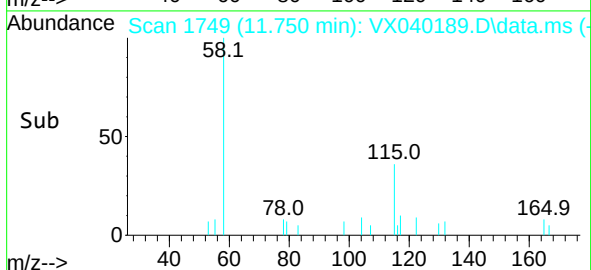
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

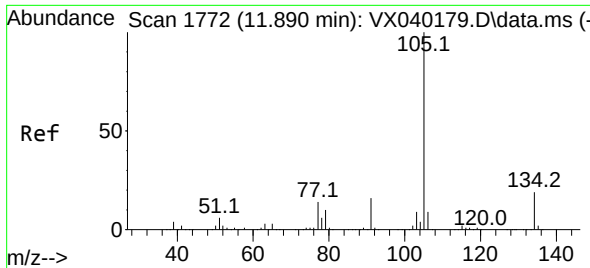


#84
1,2,4-Trimethylbenzene
Concen: 19.283 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



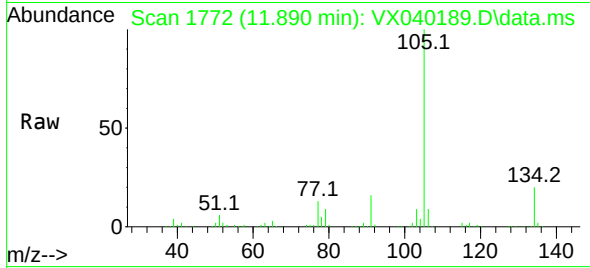
Tgt Ion:105 Resp: 78636
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6





#85
sec-Butylbenzene
Concen: 19.020 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

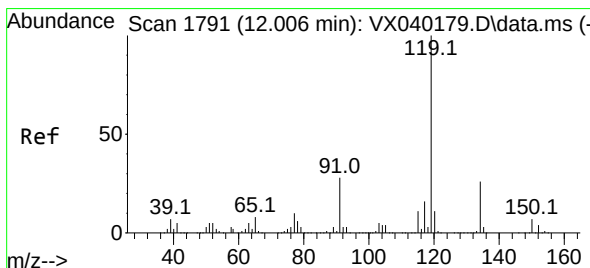
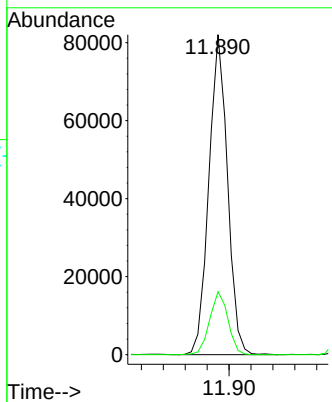
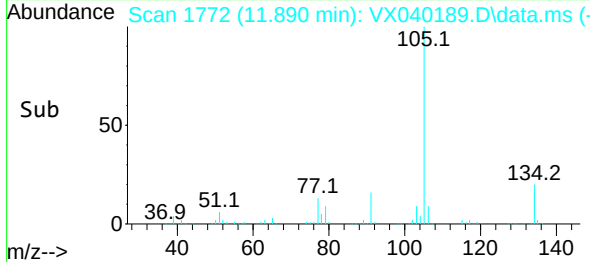
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion:105 Resp: 96600
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4

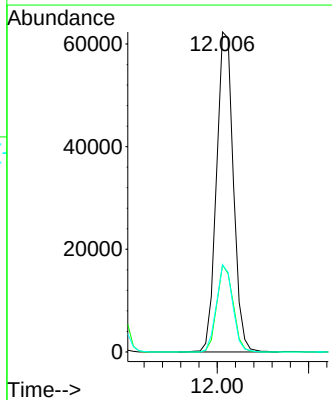
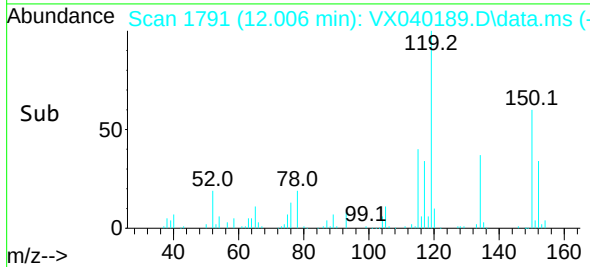
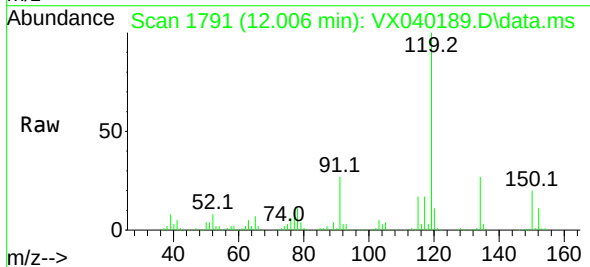
Manual Integrations
APPROVED

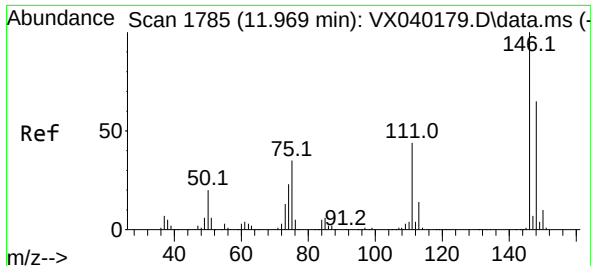
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#86
p-Isopropyltoluene
Concen: 19.202 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

Tgt Ion:119 Resp: 79941
Ion Ratio Lower Upper
119 100
134 26.1 12.8 38.3
91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.297 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01

Tgt Ion:146 Resp: 4323

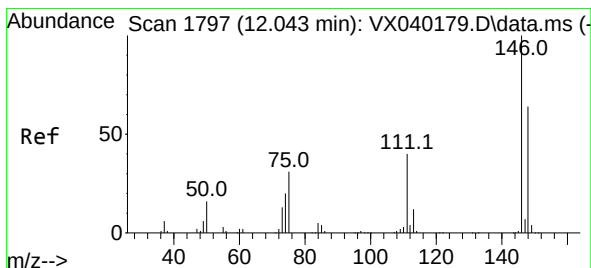
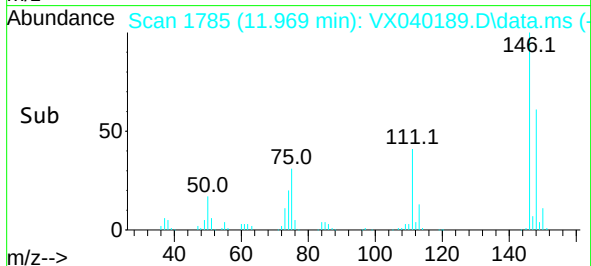
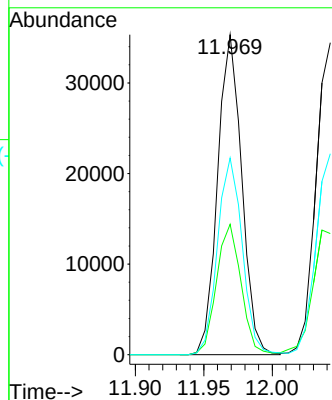
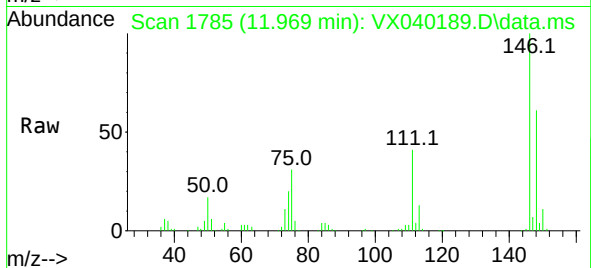
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.1	66.1
148	63.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#88

1,4-Dichlorobenzene

Concen: 18.236 ug/l

RT: 12.042 min Scan# 1797

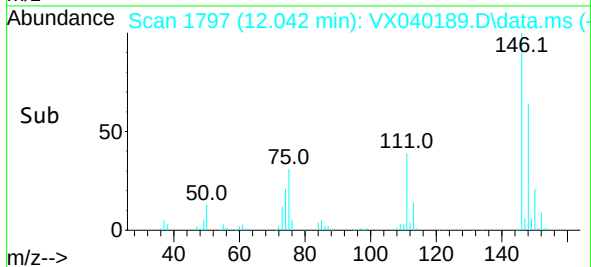
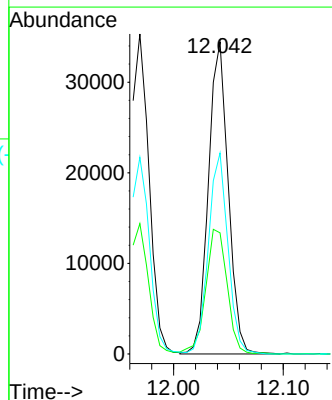
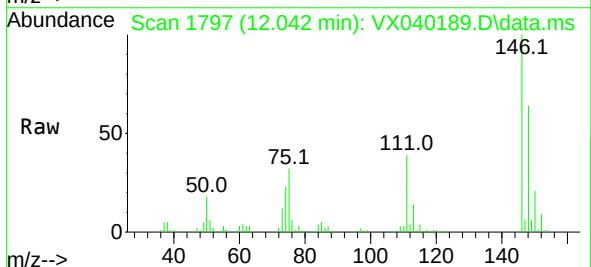
Delta R.T. -0.000 min

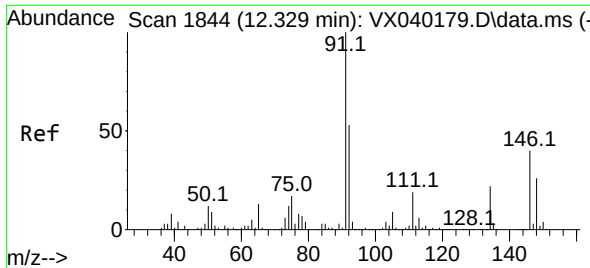
Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Tgt Ion:146 Resp: 43268

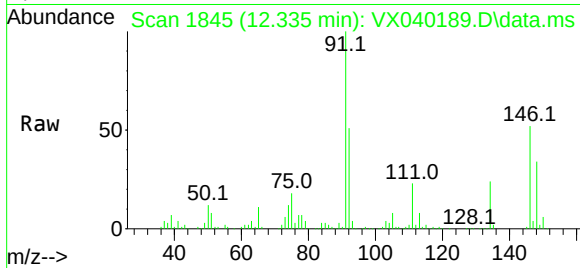
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.7
148	63.6	31.8	95.4





#89
n-Butylbenzene
Concen: 18.775 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

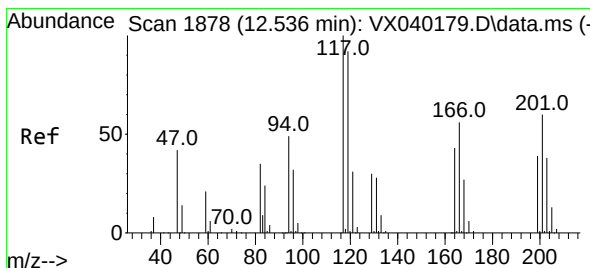
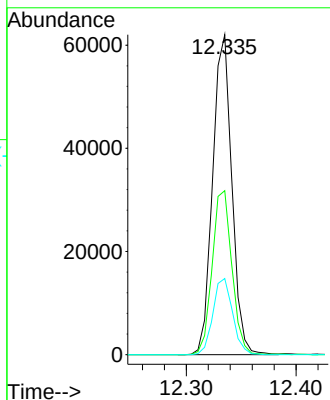
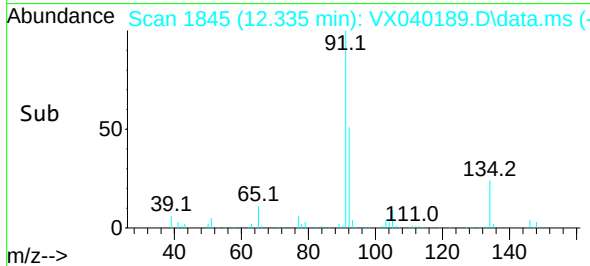
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



Tgt Ion: 91 Resp: 7545
Ion Ratio Lower Upper
91 100
92 53.0 27.4 82.0
134 24.4 12.6 37.8

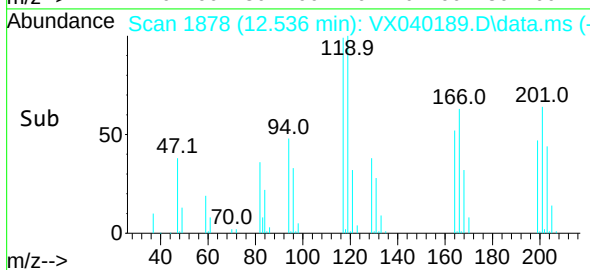
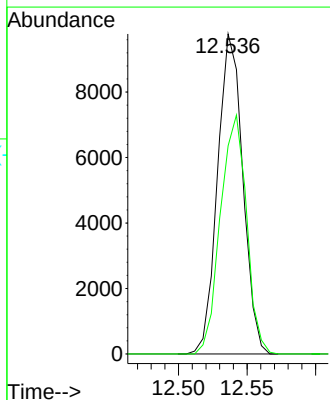
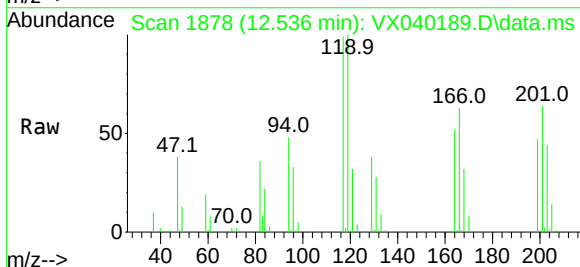
Manual Integrations
APPROVED

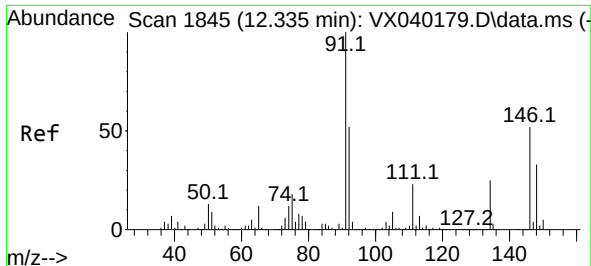
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024



#90
Hexachloroethane
Concen: 19.043 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

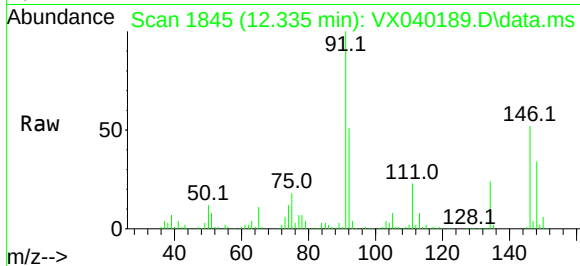
Tgt Ion:117 Resp: 12505
Ion Ratio Lower Upper
117 100
201 77.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.866 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11

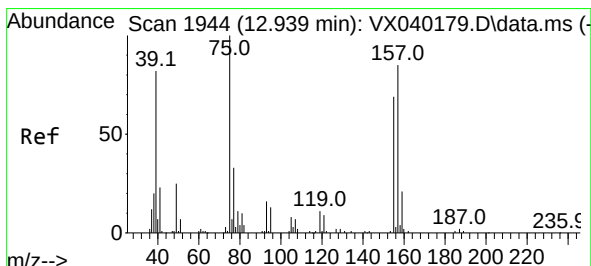
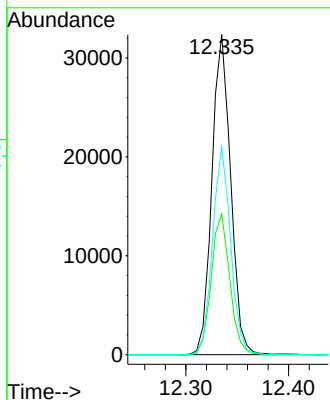
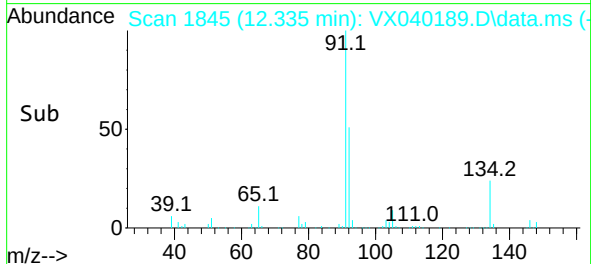
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBSD01



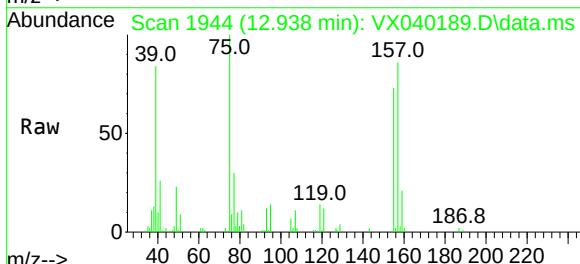
Tgt Ion:146 Resp: 4092
Ion Ratio Lower Upper
146 100
111 43.5 22.4 67.0
148 62.8 31.6 95.0

Manual Integrations
APPROVED

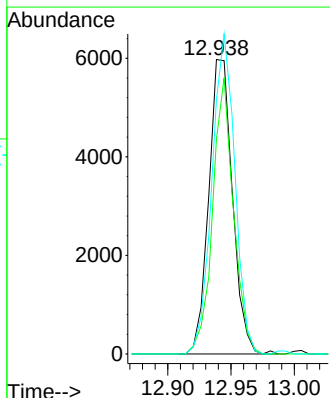
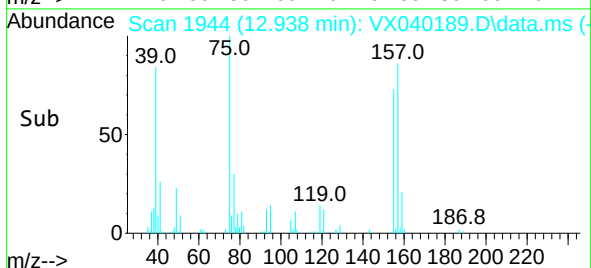
Reviewed By :John Carlone 02/12/2024
Supervised By :Semsettin Yesilyurt 02/13/2024

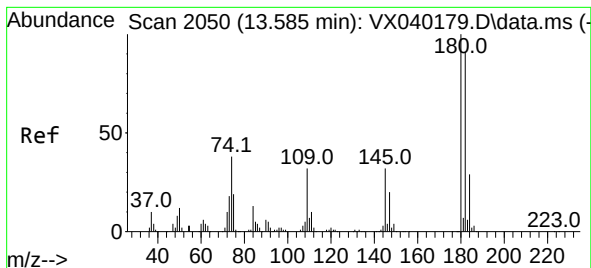


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.637 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040189.D
Acq: 12 Feb 2024 11:11



Tgt Ion: 75 Resp: 7796
Ion Ratio Lower Upper
75 100
155 82.4 36.1 108.5
157 104.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.482 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01

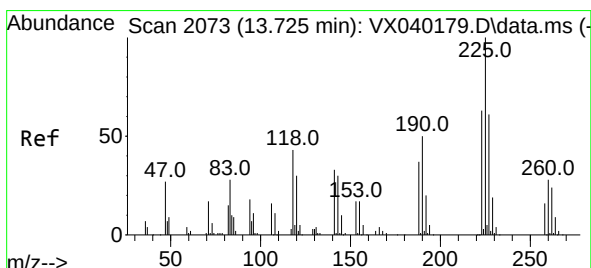
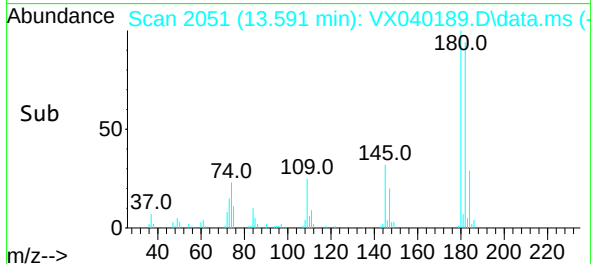
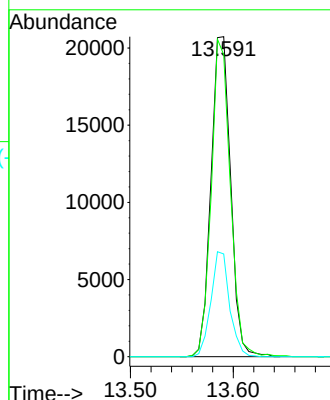
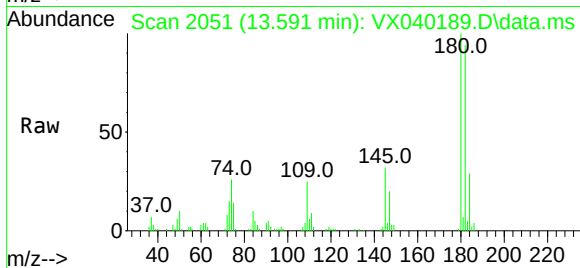
Tgt Ion:180	Resp:	2744
Ion Ratio	Lower	Upper
180	100	
182	96.3	48.3 144.8
145	31.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#94

Hexachlorobutadiene

Concen: 19.033 ug/l

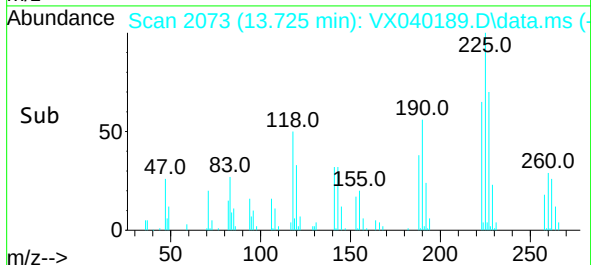
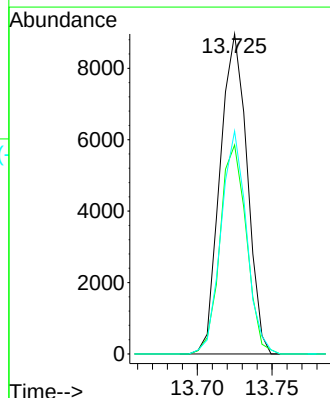
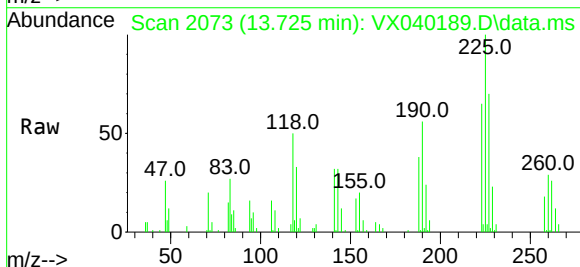
RT: 13.725 min Scan# 2073

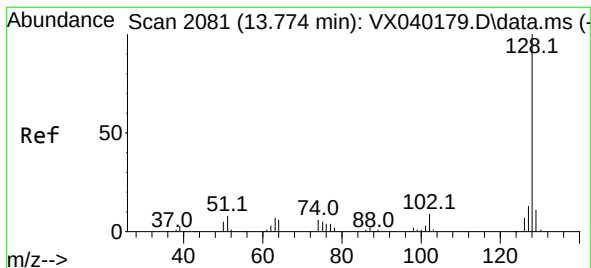
Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Tgt Ion:225	Resp:	11280
Ion Ratio	Lower	Upper
225	100	
223	63.6	31.1 93.2
227	65.5	32.5 97.5





#95

Naphthalene

Concen: 19.202 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBSD01

Tgt Ion:128 Resp: 90059

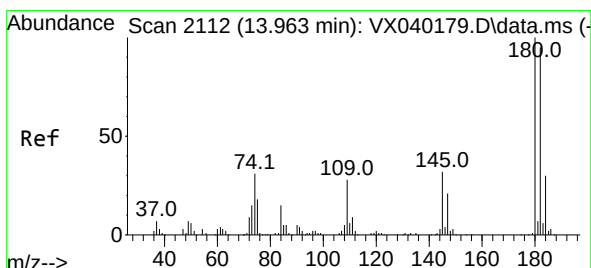
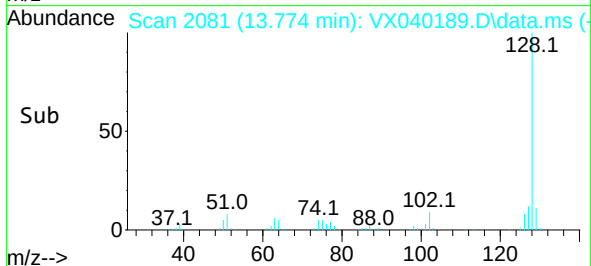
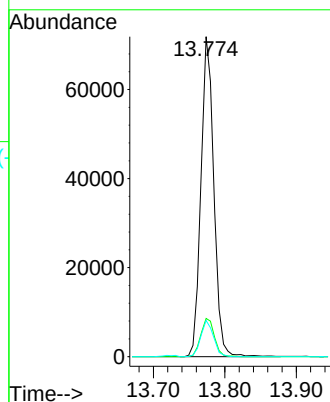
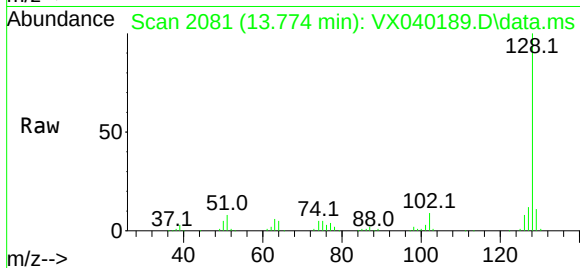
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Semsettin Yesilyurt 02/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.107 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040189.D

Acq: 12 Feb 2024 11:11

Tgt Ion:180 Resp: 27045

Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.9	140.6
145	32.6	17.8	53.5

